

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052221\  
 Data File : PD063192.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2021 09:30  
 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: May 21 11:53:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 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... | 3.440 | 3.970  | 23173262 | 240.6E6  | 21.038  | 20.760   |
| 2)                          | SA Decachlor... | 8.195 | 9.021  | 26805090 | 223.6E6  | 21.298  | 21.913   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.876 | 4.357  | 16766455 | 193.7E6  | 9.670   | 10.061   |
| 3)                          | MA gamma-BHC... | 4.159 | 4.642  | 17172271 | 172.7E6  | 10.562  | 10.009   |
| 5)                          | MB Aldrin       | 0.000 | 5.484f | 0        | 729242   | N.D.    | 0.044 #  |
| 6)                          | B beta-BHC      | 4.410 | 4.813  | 7846977  | 77758842 | 2.987   | 10.483 # |
| 7)                          | B delta-BHC     | 0.000 | 5.005f | 0        | 19816778 | N.D.    | 1.418 #  |
| 8)                          | B Heptachlo...  | 0.000 | 5.851  | 0        | 3144218  | N.D.    | 0.206 #  |
| 9)                          | A Endosulfan I  | 0.000 | 6.216f | 0        | 1635031  | N.D.    | 0.115 #  |
| 10)                         | B gamma-Chl...  | 0.000 | 6.080  | 0        | 1106391  | N.D.    | 0.071 #  |
| 11)                         | B alpha-Chl...  | 0.000 | 6.162  | 0        | 1888522  | N.D.    | 0.127 #  |
| 12)                         | B 4,4'-DDE      | 0.000 | 6.303  | 0        | 3863140  | N.D.    | 0.256 #  |
| 13)                         | MA Dieldrin     | 0.000 | 6.457  | 0        | 10977441 | N.D.    | 0.724 #  |
| 14)                         | MA Endrin       | 5.990 | 6.670  | 63104818 | 597.8E6  | 47.182  | 46.855   |
| 15)                         | B Endosulfa...  | 0.000 | 6.891  | 0        | 6777984  | N.D.    | 0.565 #  |
| 16)                         | A 4,4'-DDD      | 6.117 | 6.792  | 1452135  | 18378921 | 1.207   | 1.515 #  |
| 17)                         | MA 4,4'-DDT     | 6.357 | 7.091  | 129.6E6  | 1177.0E6 | 113.410 | 104.385  |
| 18)                         | B Endrin al...  | 6.432 | 7.003  | 1841618  | 12342008 | 1.733   | 1.212 #  |
| 20)                         | A Methoxychlor  | 6.904 | 7.549  | 170.6E6  | 1406.9E6 | 254.282 | 245.242  |
| 21)                         | B Endrin ke...  | 7.136 | 7.696  | 4197324  | 35451370 | 2.840   | 2.955    |
| 22)                         | Mirex           | 0.000 | 8.165  | 0        | 5008128  | N.D.    | 0.659 #  |
| 23)                         | Chlordane-1     | 4.322 | 0.000  | 446960   | 0        | 12.230  | N.D. #   |
| 24)                         | Chlordane-2     | 0.000 | 5.417  | 0        | 5089824  | N.D.    | 10.443 # |
| 25)                         | Chlordane-3     | 0.000 | 6.080  | 0        | 1106391  | N.D.    | 0.540 #  |
| 26)                         | Chlordane-4     | 0.000 | 6.162  | 0        | 1888522  | N.D.    | 0.803 #  |
| -----                       |                 |       |        |          |          |         |          |

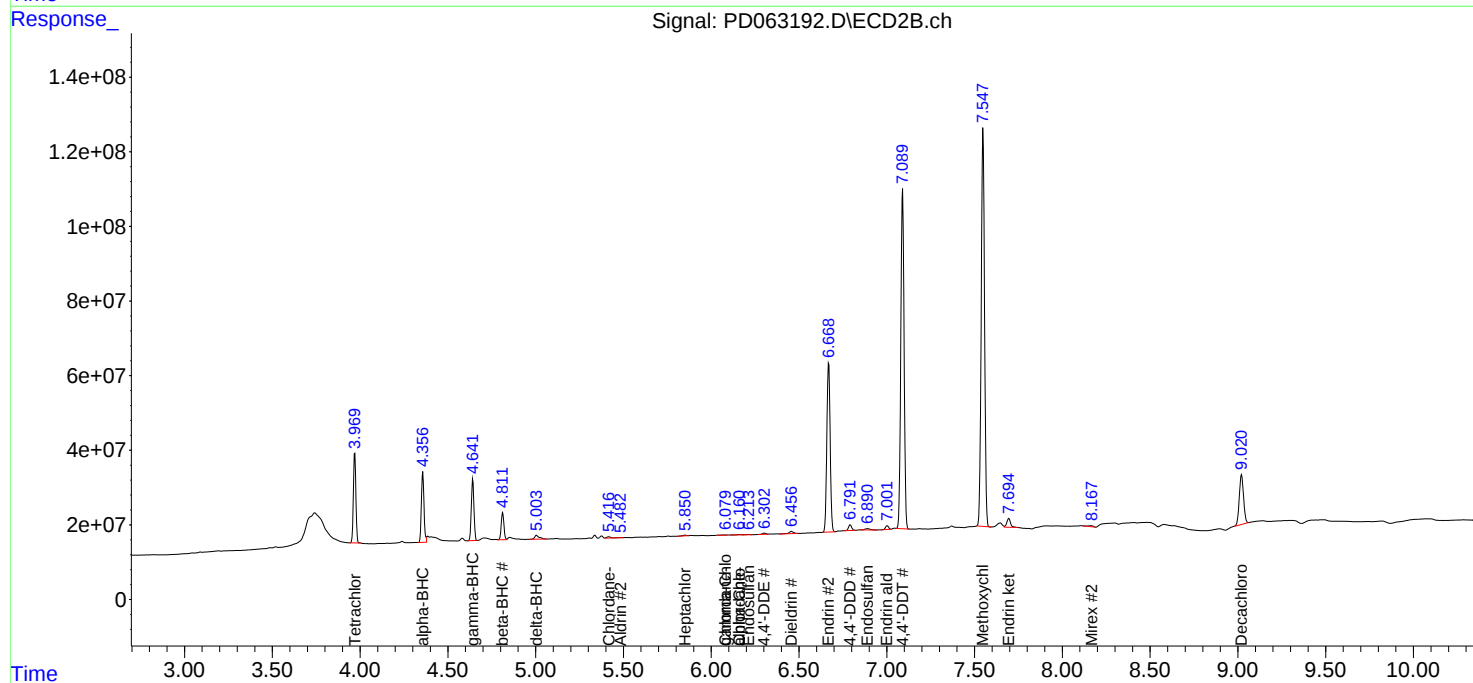
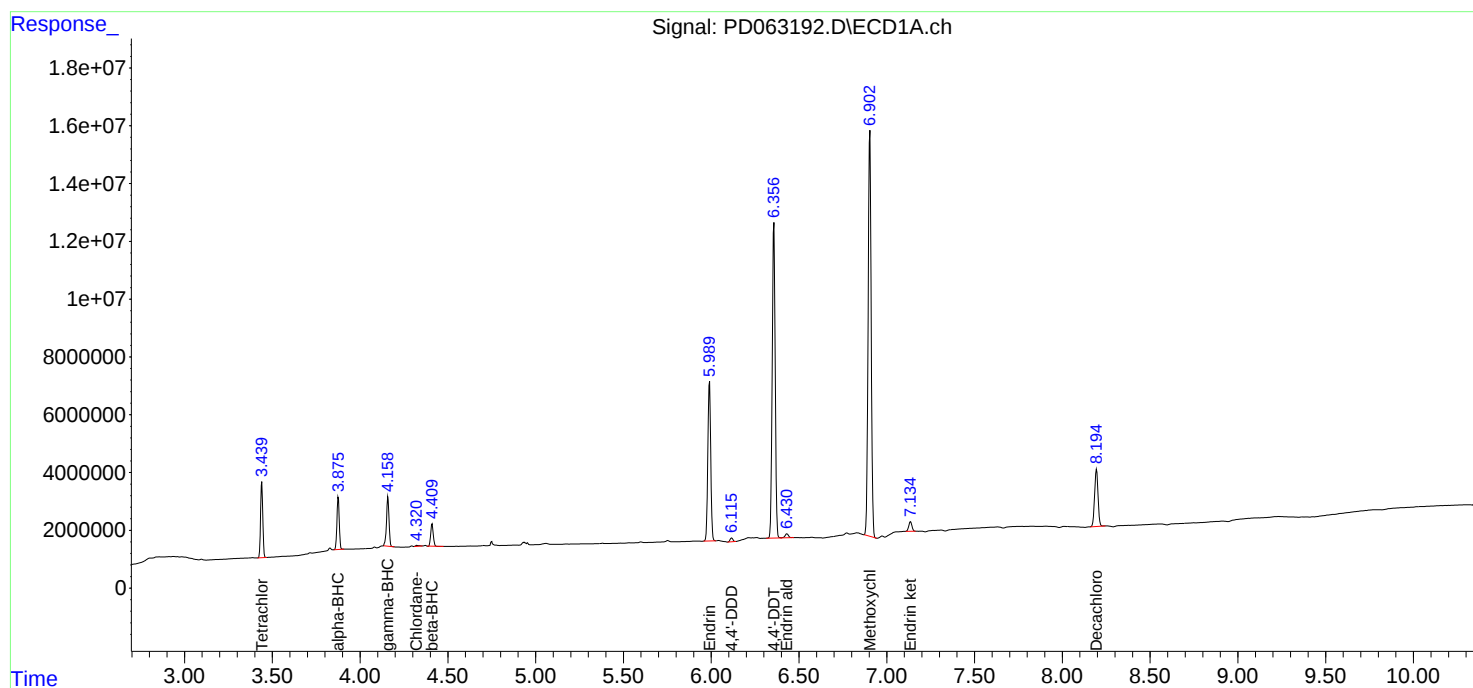
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

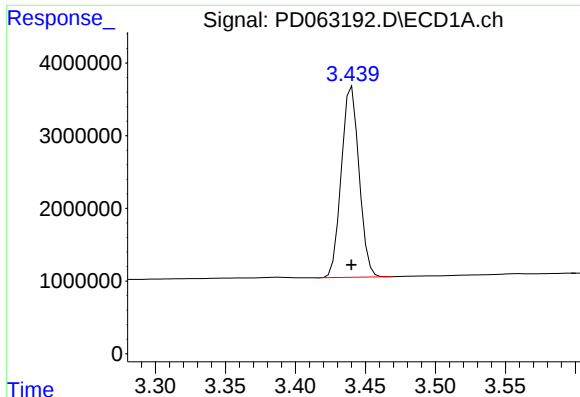
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052221\  
Data File : PD063192.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2021 09:30  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 11:53:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 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

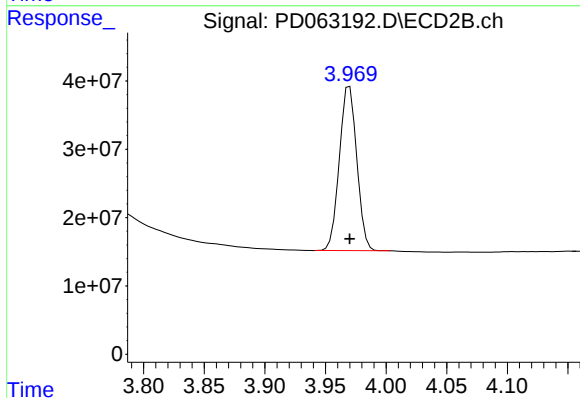




#1 Tetrachloro-m-xylene

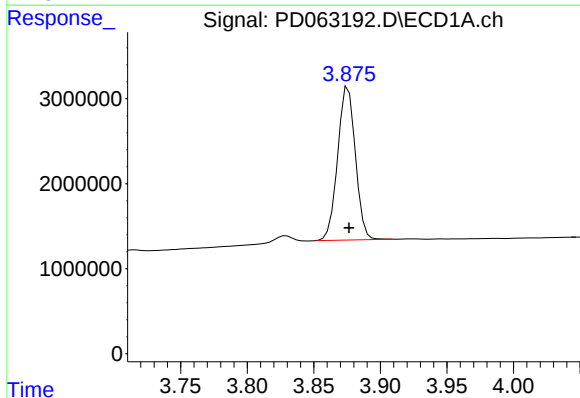
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 23173262  
Conc: 21.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



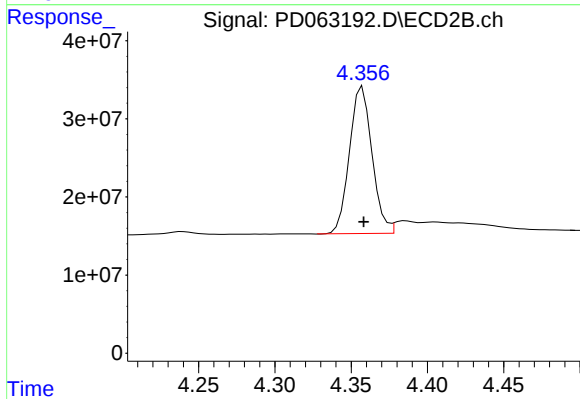
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 240568092  
Conc: 20.76 ng/ml



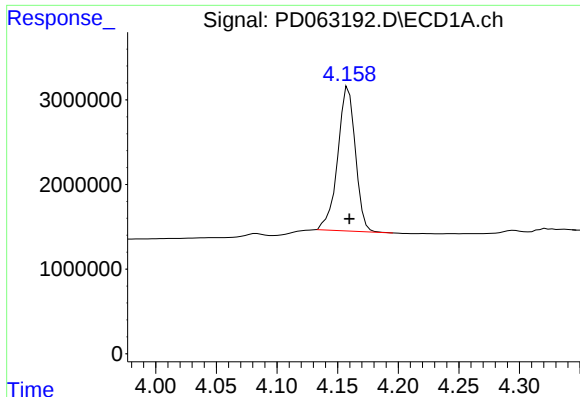
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 16766455  
Conc: 9.67 ng/ml



#2 alpha-BHC

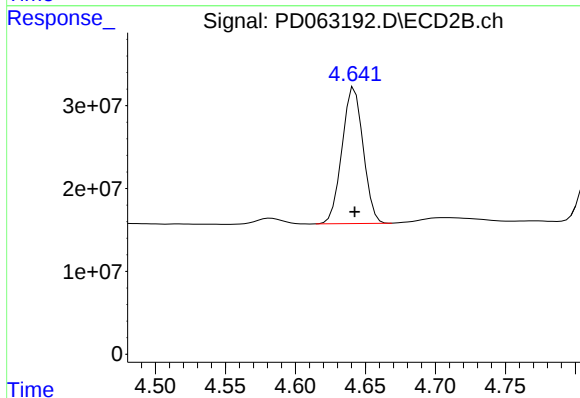
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 193727090  
Conc: 10.06 ng/ml



#3 gamma-BHC (Lindane)

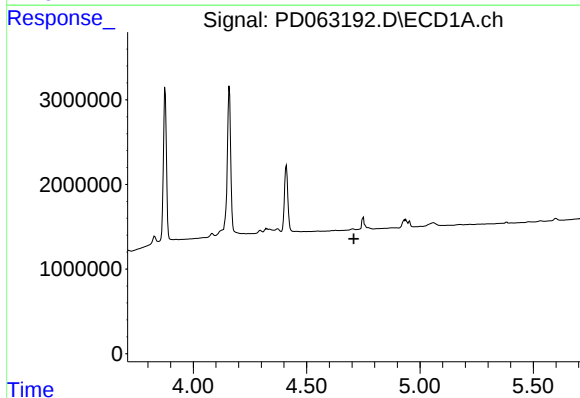
R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 17172271  
Conc: 10.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



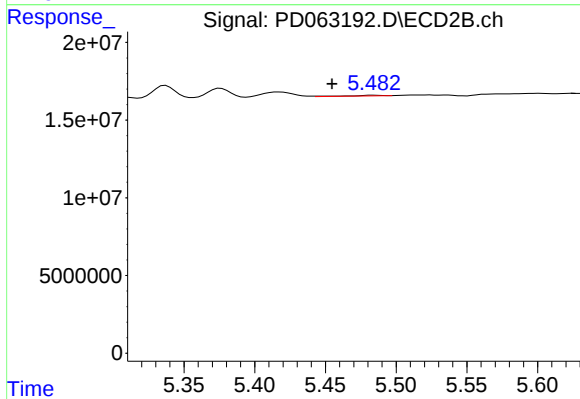
#3 gamma-BHC (Lindane)

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 172738025  
Conc: 10.01 ng/ml



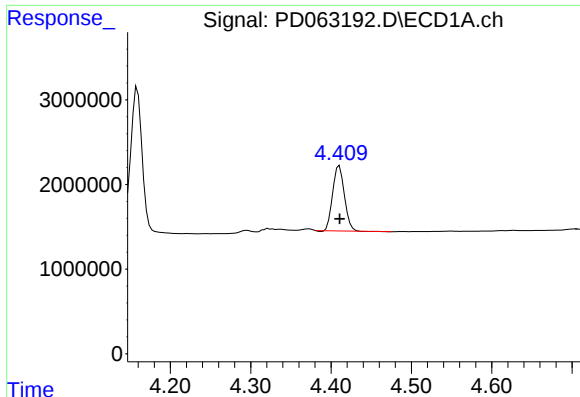
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.709 min  
Response: 0  
Conc: N.D.



#5 Aldrin

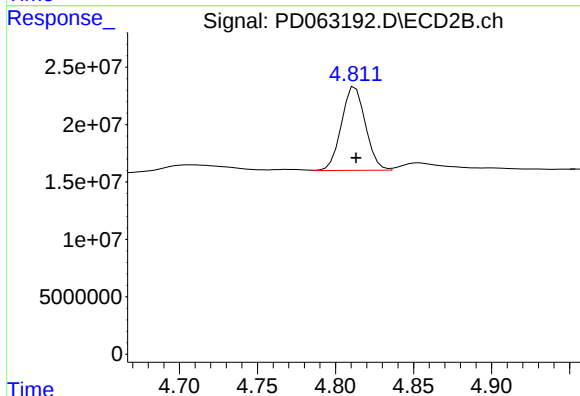
R.T.: 5.484 min  
Delta R.T.: 0.029 min  
Response: 729242  
Conc: 0.04 ng/ml



#6 beta-BHC

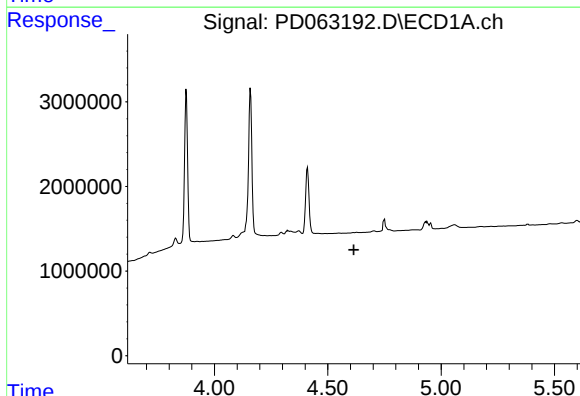
R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 7846977  
Conc: 2.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



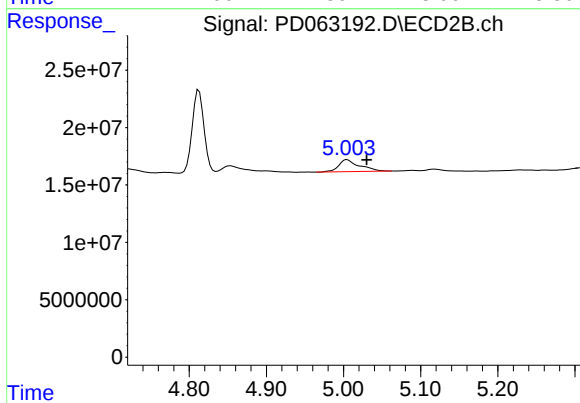
#6 beta-BHC

R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 77758842  
Conc: 10.48 ng/ml



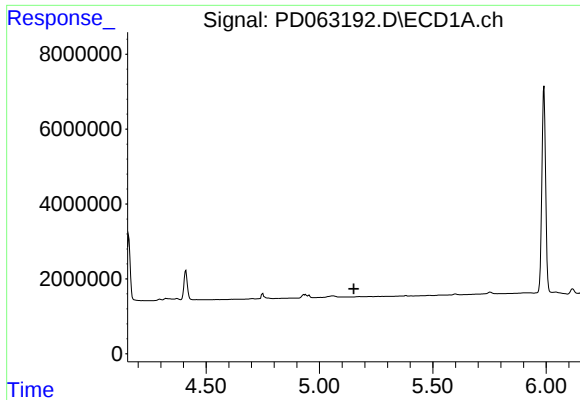
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.614 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

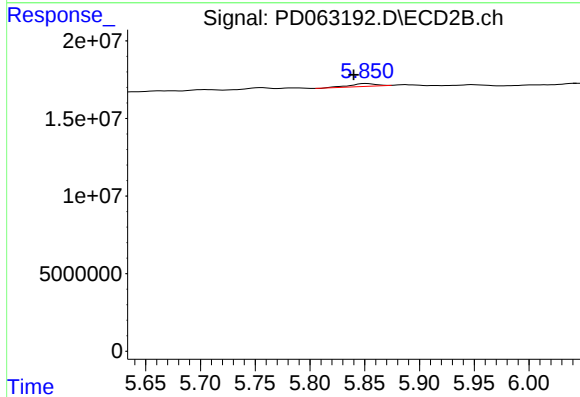
R.T.: 5.005 min  
Delta R.T.: -0.025 min  
Response: 19816778  
Conc: 1.42 ng/ml



#8 Heptachlor epoxide

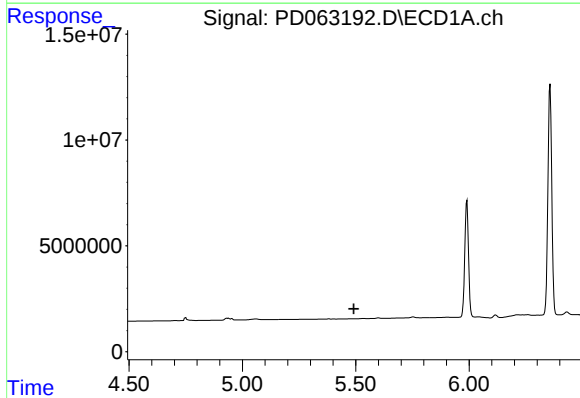
R.T.: 0.000 min  
Exp R.T.: 5.152 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



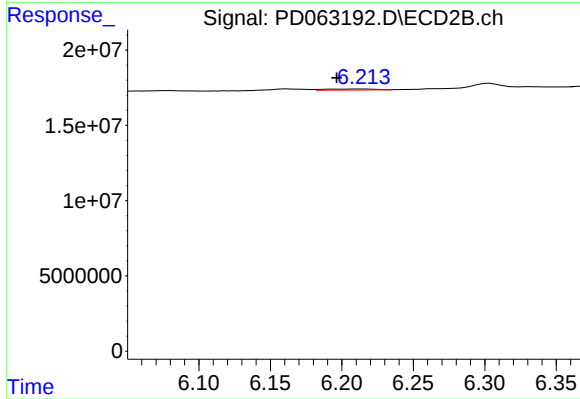
#8 Heptachlor epoxide

R.T.: 5.851 min  
Delta R.T.: 0.011 min  
Response: 3144218  
Conc: 0.21 ng/ml



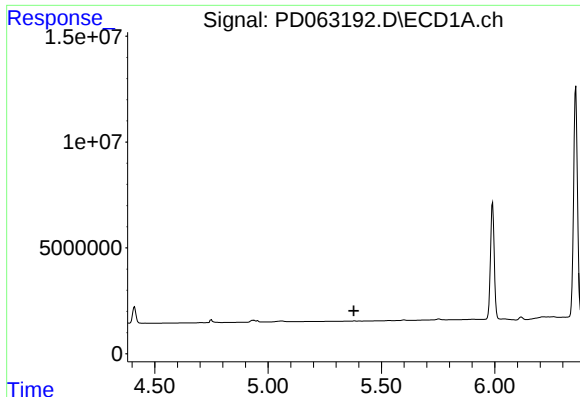
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.491 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

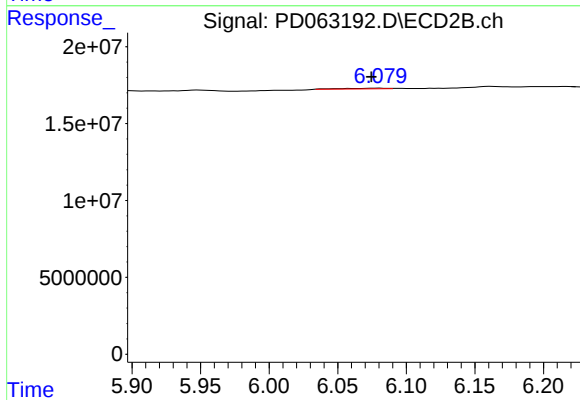
R.T.: 6.216 min  
Delta R.T.: 0.019 min  
Response: 1635031  
Conc: 0.12 ng/ml



#10 gamma-Chlordane

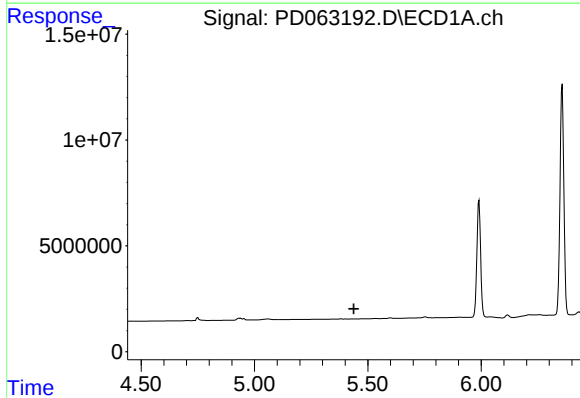
R.T.: 0.000 min  
Exp R.T.: 5.379 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



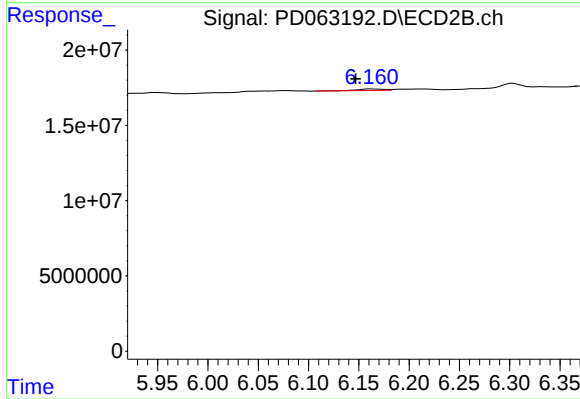
#10 gamma-Chlordane

R.T.: 6.080 min  
Delta R.T.: 0.006 min  
Response: 1106391  
Conc: 0.07 ng/ml



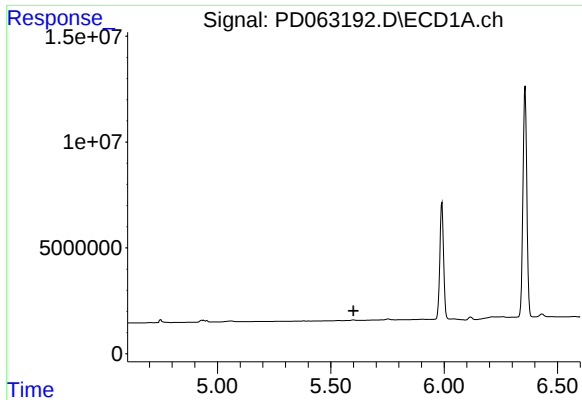
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.437 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

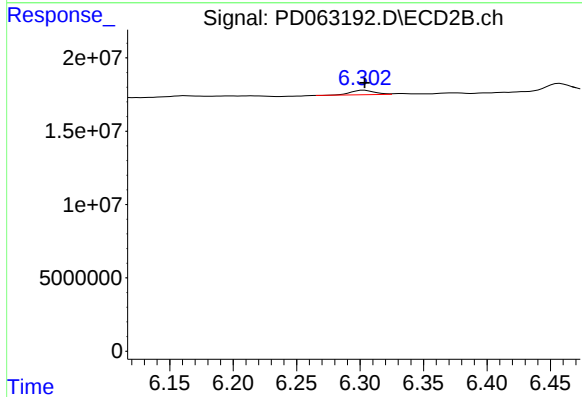
R.T.: 6.162 min  
Delta R.T.: 0.015 min  
Response: 1888522  
Conc: 0.13 ng/ml



#12 4,4'-DDE

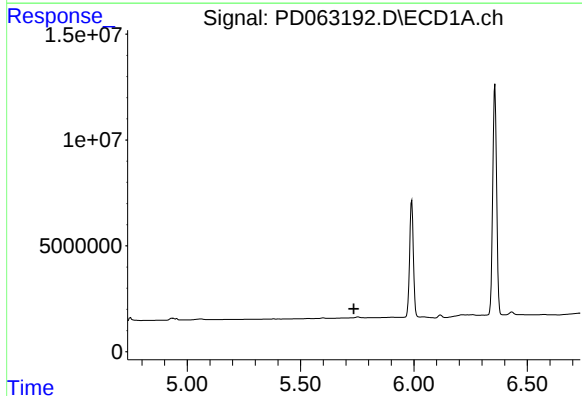
R.T.: 0.000 min  
Exp R.T.: 5.601 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



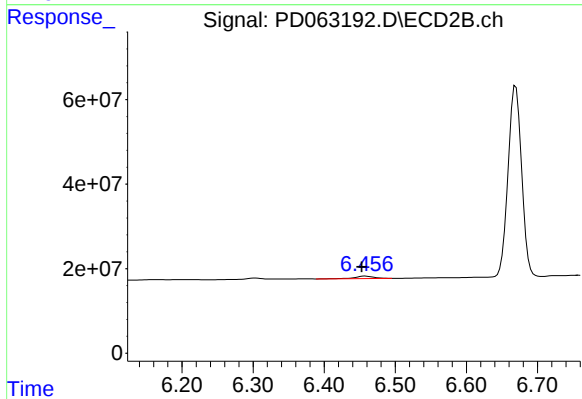
#12 4,4'-DDE

R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 3863140  
Conc: 0.26 ng/ml



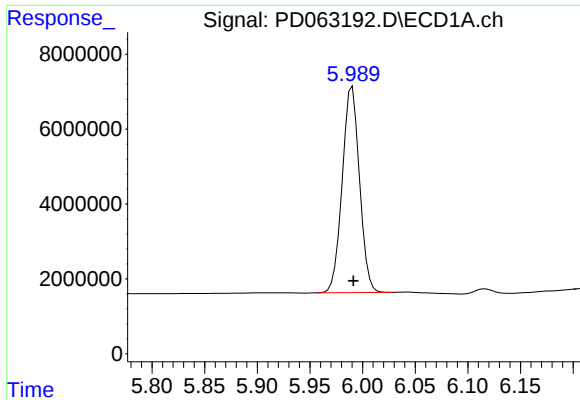
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 5.734 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

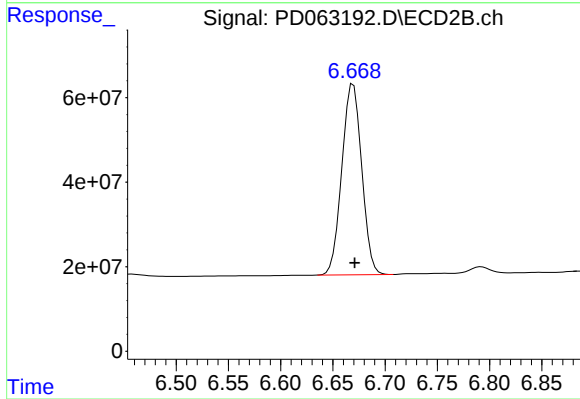
R.T.: 6.457 min  
Delta R.T.: 0.005 min  
Response: 10977441  
Conc: 0.72 ng/ml



#14 Endrin

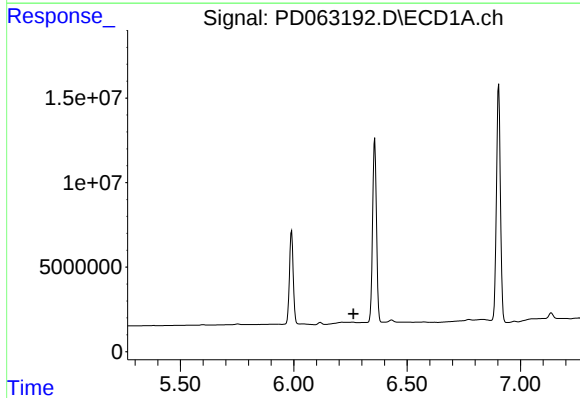
R.T.: 5.990 min  
Delta R.T.: -0.001 min  
Response: 63104818  
Conc: 47.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



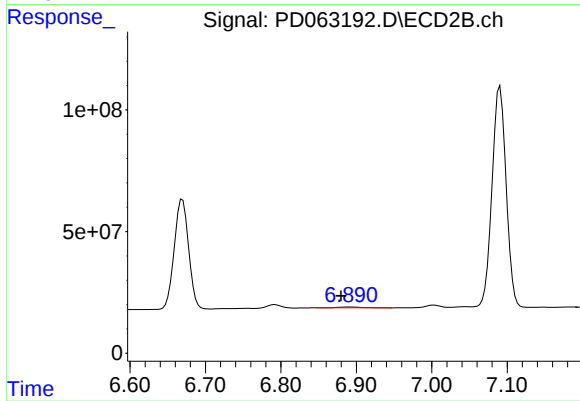
#14 Endrin

R.T.: 6.670 min  
Delta R.T.: -0.001 min  
Response: 597810263  
Conc: 46.86 ng/ml



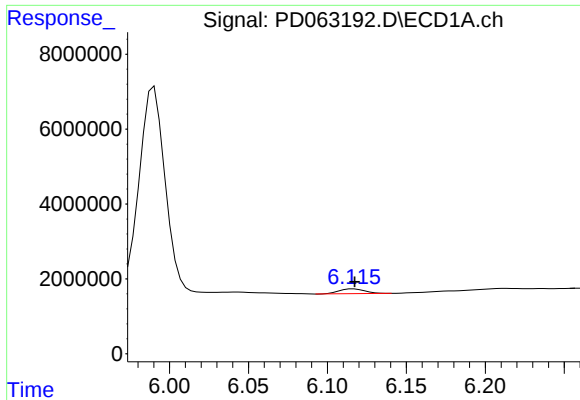
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.264 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

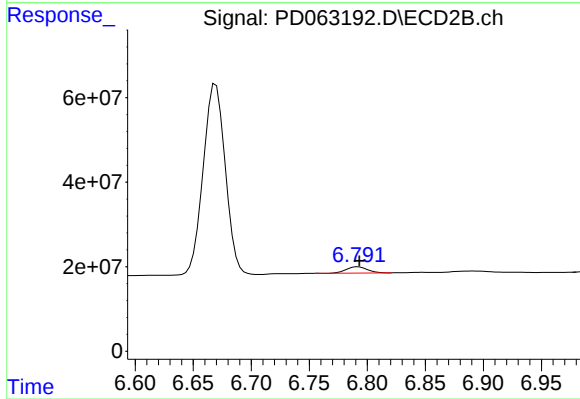
R.T.: 6.891 min  
Delta R.T.: 0.011 min  
Response: 6777984  
Conc: 0.57 ng/ml



#16 4,4'-DDD

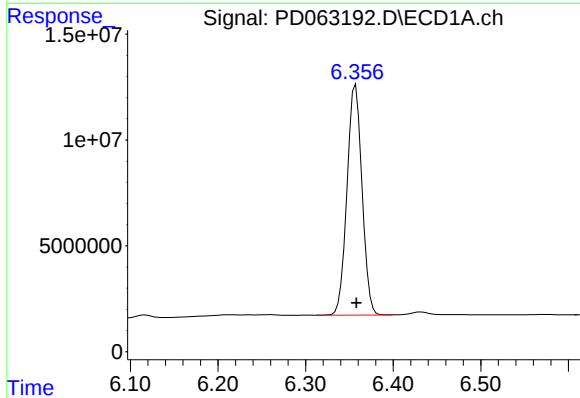
R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 1452135  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



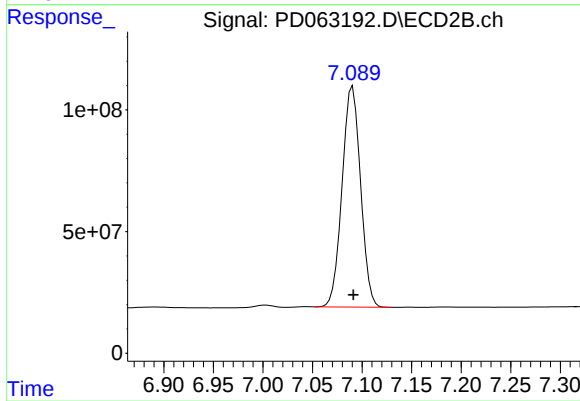
#16 4,4'-DDD

R.T.: 6.792 min  
Delta R.T.: -0.001 min  
Response: 18378921  
Conc: 1.51 ng/ml



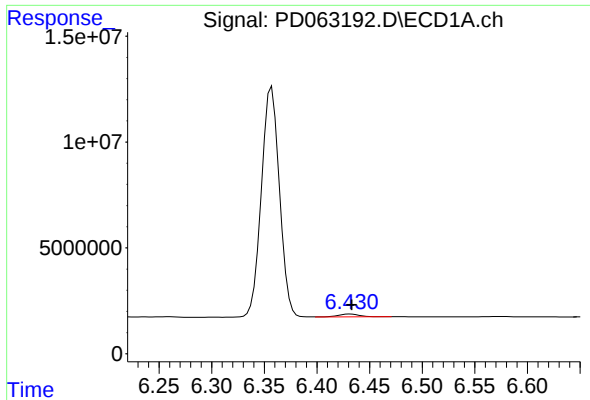
#17 4,4'-DDT

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 129623524  
Conc: 113.41 ng/ml



#17 4,4'-DDT

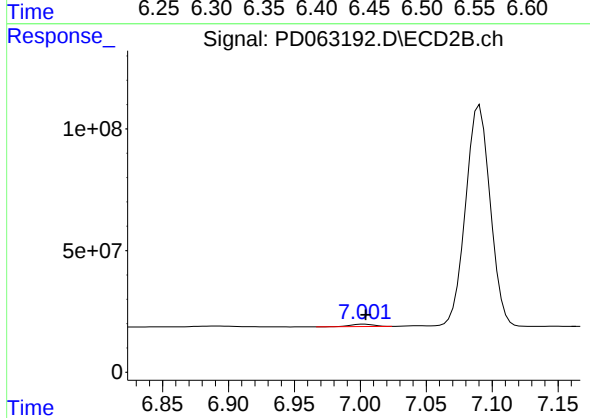
R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 1177018584  
Conc: 104.39 ng/ml



#18 Endrin aldehyde

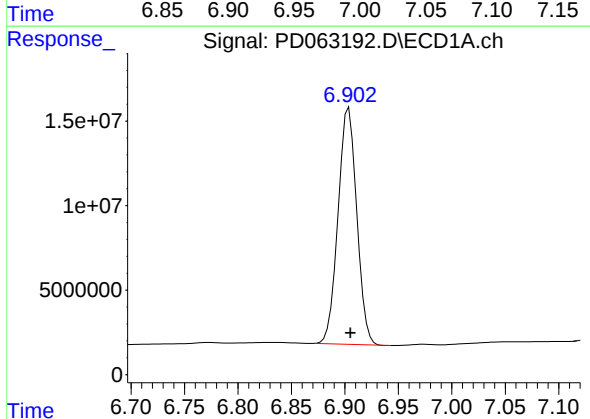
R.T.: 6.432 min  
Delta R.T.: -0.001 min  
Response: 1841618  
Conc: 1.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



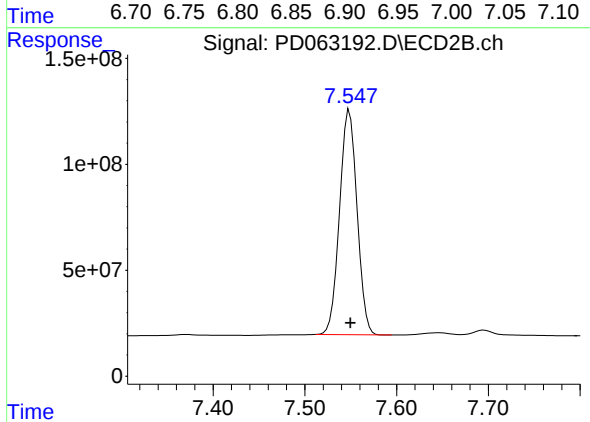
#18 Endrin aldehyde

R.T.: 7.003 min  
Delta R.T.: -0.001 min  
Response: 12342008  
Conc: 1.21 ng/ml



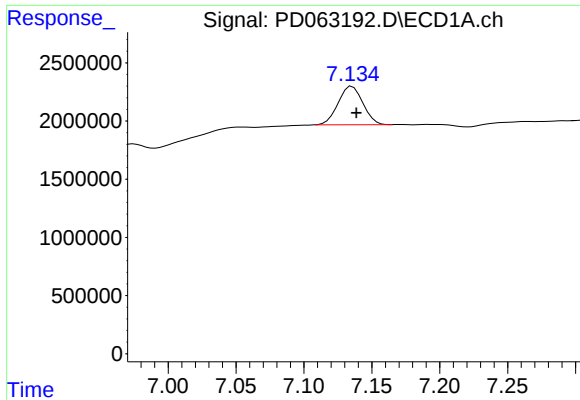
#20 Methoxychlor

R.T.: 6.904 min  
Delta R.T.: -0.001 min  
Response: 170639410  
Conc: 254.28 ng/ml



#20 Methoxychlor

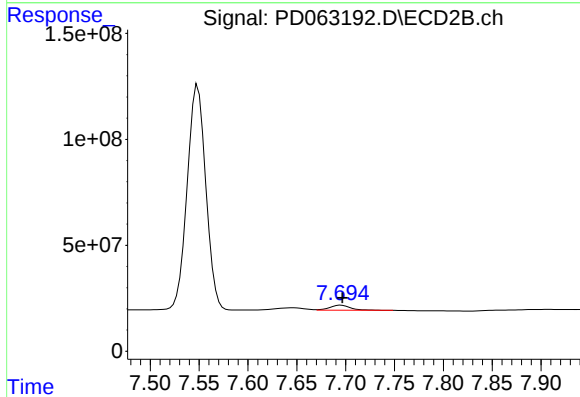
R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 1406865125  
Conc: 245.24 ng/ml



#21 Endrin ketone

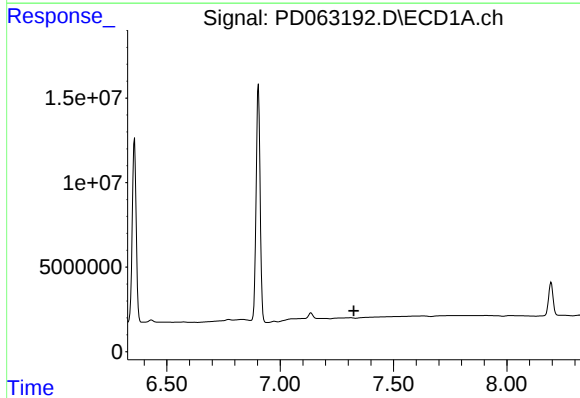
R.T.: 7.136 min  
Delta R.T.: -0.003 min  
Response: 4197324  
Conc: 2.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



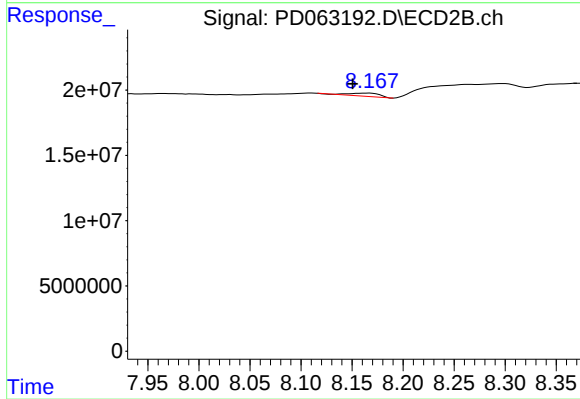
#21 Endrin ketone

R.T.: 7.696 min  
Delta R.T.: -0.001 min  
Response: 35451370  
Conc: 2.96 ng/ml



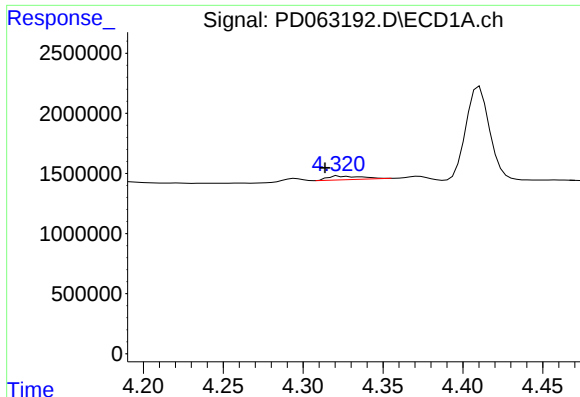
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.325 min  
Response: 0  
Conc: N.D.



#22 Mirex

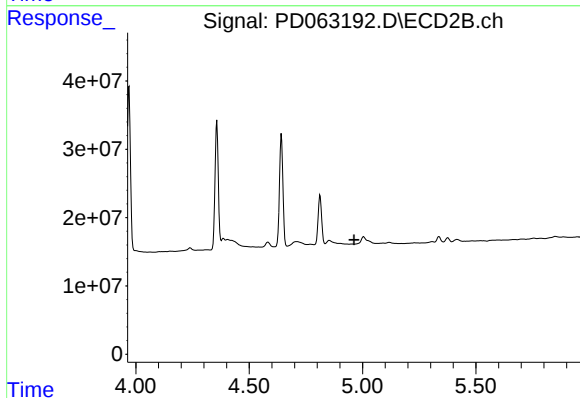
R.T.: 8.165 min  
Delta R.T.: 0.015 min  
Response: 5008128  
Conc: 0.66 ng/ml



#23 Chlordane-1

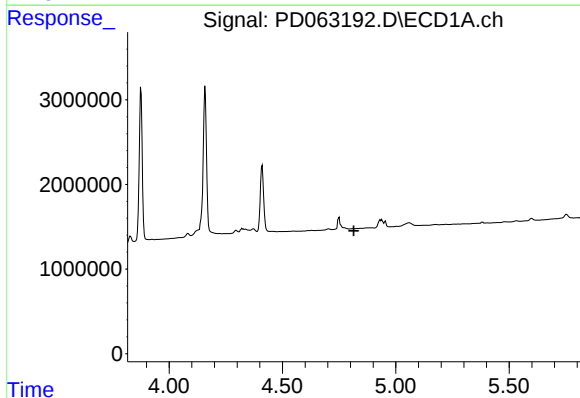
R.T.: 4.322 min  
Delta R.T.: 0.009 min  
Response: 446960  
Conc: 12.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



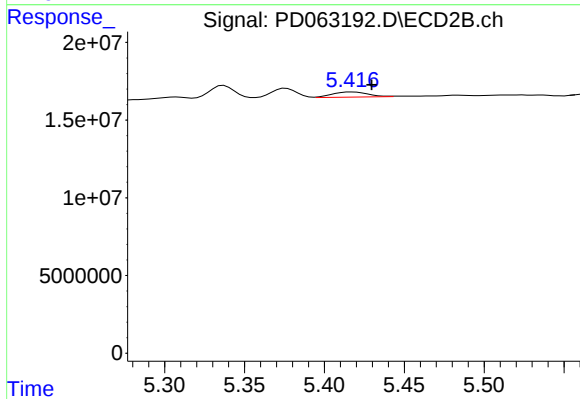
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.962 min  
Response: 0  
Conc: N.D.



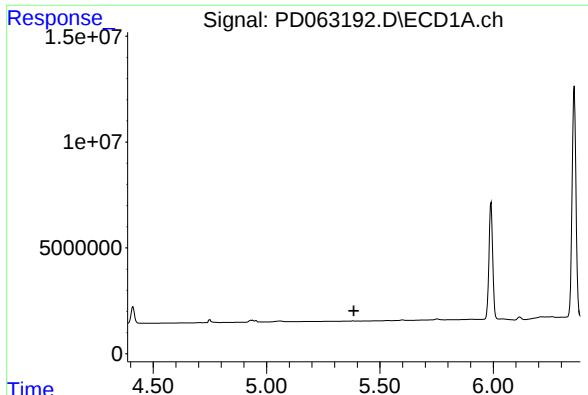
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.815 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

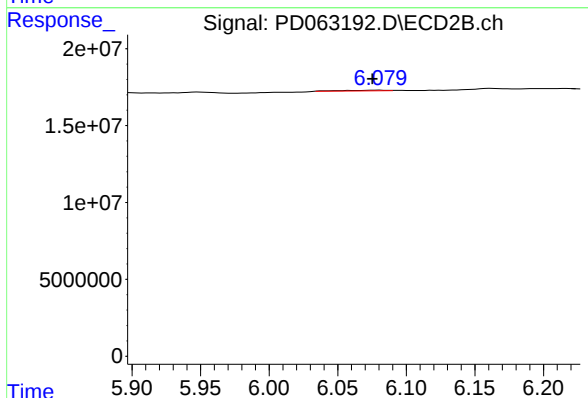
R.T.: 5.417 min  
Delta R.T.: -0.012 min  
Response: 5089824  
Conc: 10.44 ng/ml



#25 Chlordane-3

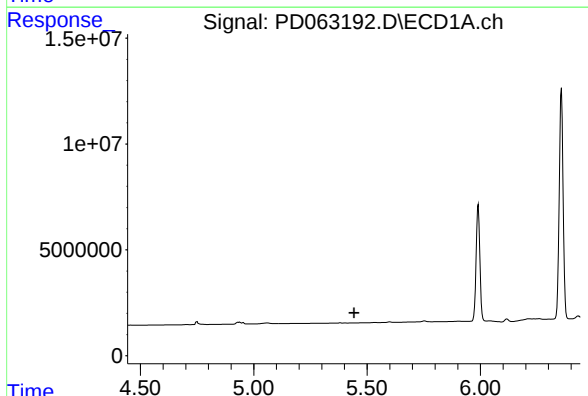
R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



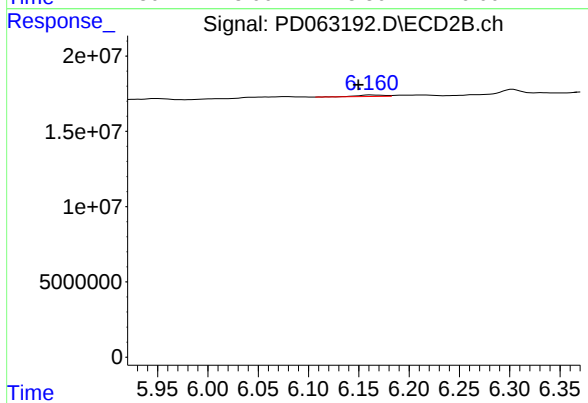
#25 Chlordane-3

R.T.: 6.080 min  
Delta R.T.: 0.005 min  
Response: 1106391  
Conc: 0.54 ng/ml



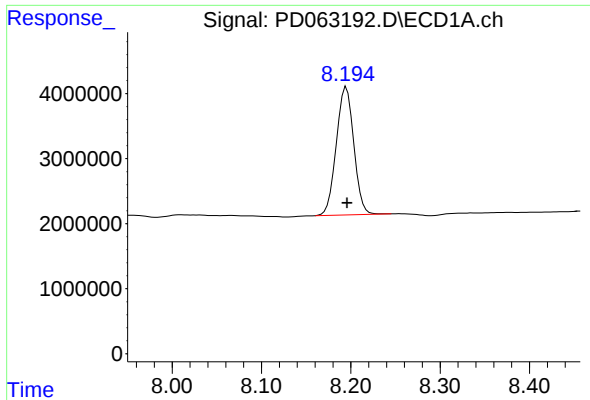
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.443 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

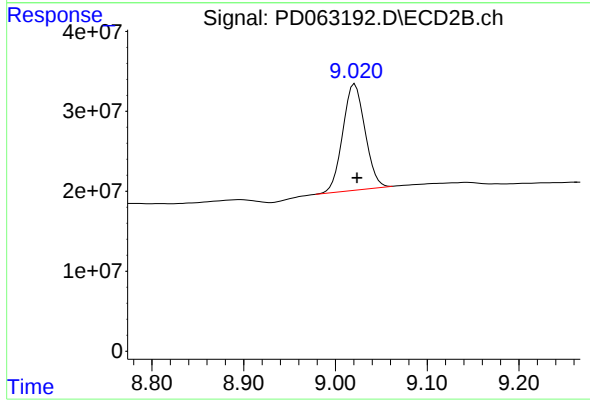
R.T.: 6.162 min  
Delta R.T.: 0.012 min  
Response: 1888522  
Conc: 0.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 26805090  
Conc: 21.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: -0.002 min  
Response: 223558503  
Conc: 21.91 ng/ml