

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
 Data File : PD061875.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Mar 2021 16:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 04:24:51 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... | 3.487 | 3.982  | 49164057 | 468.2E6 | 58.718   | 53.883     |
| 28)                         | SA Decachlor... | 8.258 | 9.039  | 66408886 | 463.6E6 | 53.972   | 49.105     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.927 | 4.371  | 78869808 | 767.8E6 | 62.446   | 57.079     |
| 3)                          | MA gamma-BHC... | 4.212 | 4.655  | 73585192 | 677.9E6 | 61.979   | 54.345     |
| 4)                          | MA Heptachlor   | 4.515 | 5.163  | 72925746 | 665.6E6 | 62.642   | 51.080     |
| 5)                          | MB Aldrin       | 4.764 | 5.468  | 69109397 | 637.6E6 | 57.584   | 51.233     |
| 6)                          | B beta-BHC      | 4.462 | 4.824  | 32487679 | 283.2E6 | 59.575   | 54.827     |
| 7)                          | B delta-BHC     | 4.668 | 5.040  | 73801290 | 635.8E6 | 60.751   | 48.068     |
| 8)                          | B Heptachlo...  | 5.208 | 5.853  | 66606261 | 601.6E6 | 58.103   | 50.810     |
| 9)                          | A Endosulfan I  | 5.548 | 6.210  | 64792742 | 531.7E6 | 59.004   | 49.047     |
| 10)                         | B gamma-Chl...  | 5.436 | 6.087  | 69477307 | 581.3E6 | 59.314   | 49.031     |
| 11)                         | B alpha-Chl...  | 5.495 | 6.160  | 66986102 | 528.2E6 | 57.646   | 46.333     |
| 12)                         | B 4,4'-DDE      | 5.658 | 6.316  | 68312656 | 549.2E6 | 60.794   | 47.653     |
| 13)                         | MA Dieldrin     | 5.793 | 6.467  | 68599911 | 568.0E6 | 59.348   | 49.213     |
| 14)                         | MA Endrin       | 6.051 | 6.684  | 56232891 | 446.2E6 | 54.727   | 45.088     |
| 15)                         | B Endosulfa...  | 6.324 | 6.893  | 52676562 | 456.7E6 | 51.397   | 48.106     |
| 16)                         | A 4,4'-DDD      | 6.175 | 6.806  | 54016776 | 450.4E6 | 58.043   | 47.570     |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.104  | 47594176 | 429.5E6 | 52.840   | 44.971     |
| 18)                         | B Endrin al...  | 6.493 | 7.016  | 45806014 | 390.6E6 | 53.614   | 49.667     |
| 19)                         | B Endosulfa...  | 6.707 | 7.240  | 55857406 | 460.3E6 | 51.766   | 45.932     |
| 20)                         | A Methoxychlor  | 6.963 | 7.562  | 26926731 | 186.0E6 | 56.988   | 41.268 #   |
| 21)                         | B Endrin ke...  | 7.200 | 7.710  | 66925840 | 422.8E6 | 52.440   | 41.687     |
| 22)                         | Mirex           | 7.391 | 8.164  | 48097551 | 300.9E6 | 58.319   | 46.698     |
| 24)                         | Chlordane-2     | 0.000 | 5.468f | 0        | 637.6E6 | N.D.     | 1661.538 # |
| 25)                         | Chlordane-3     | 5.436 | 6.087  | 69477307 | 581.3E6 | 598.885  | 350.634 #  |
| 26)                         | Chlordane-4     | 5.495 | 6.160  | 66986102 | 528.2E6 | 696.267  | 275.250 #  |
| 27)                         | Chlordane-5     | 6.324 | 0.000  | 52676562 | 0       | 1196.275 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

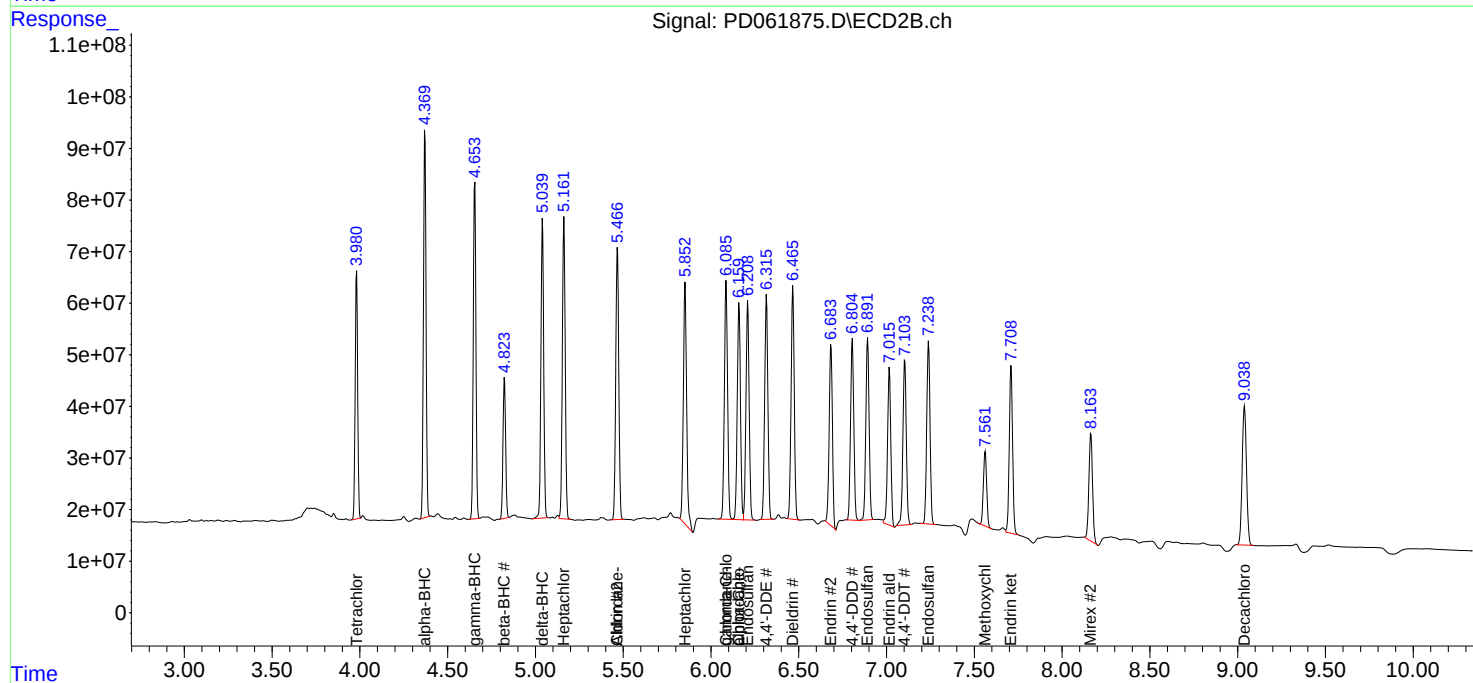
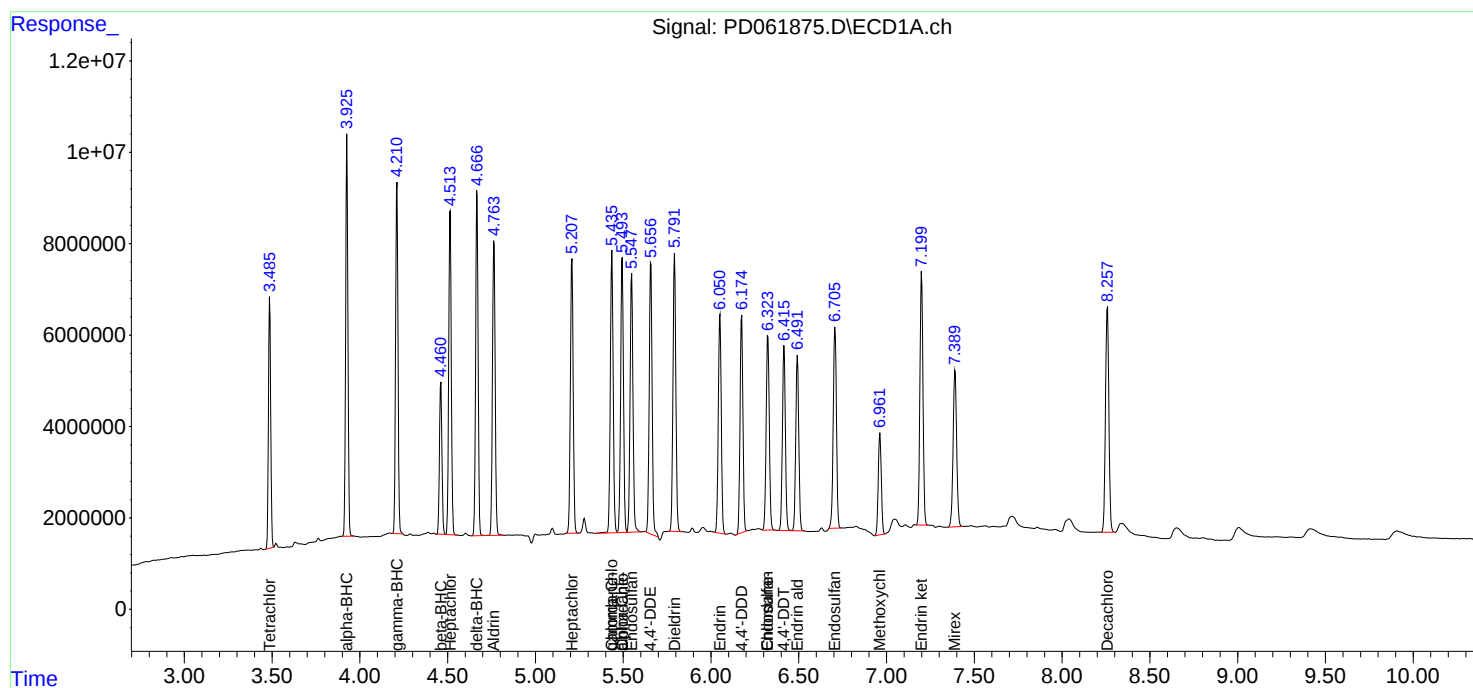
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

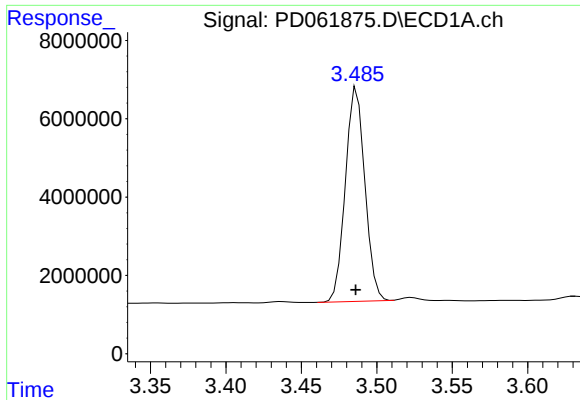
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
Data File : PD061875.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Mar 2021 16:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 04:24:51 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

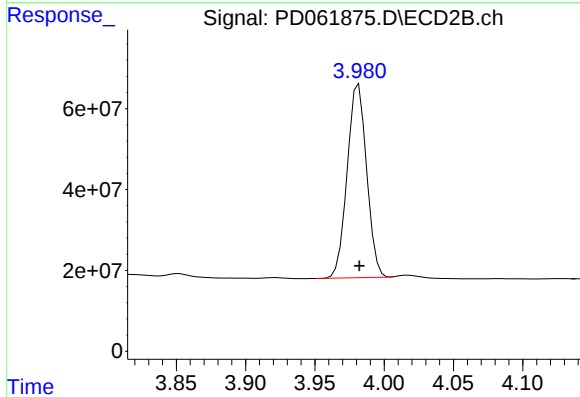




#1 Tetrachloro-m-xylene

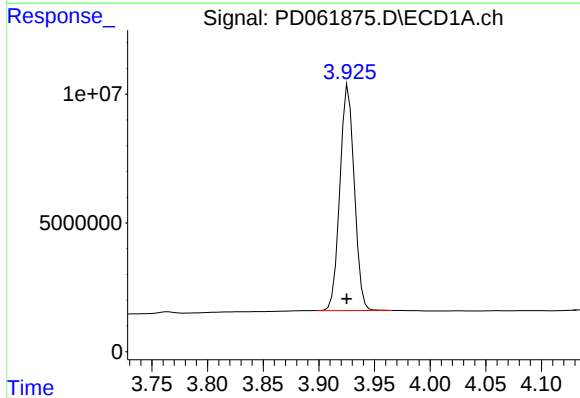
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 49164057  
Conc: 58.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



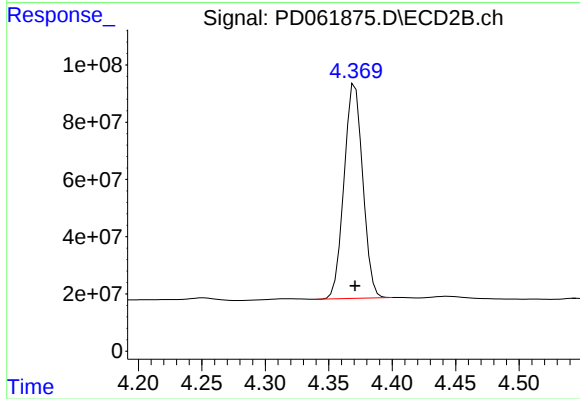
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 468183280  
Conc: 53.88 ng/ml



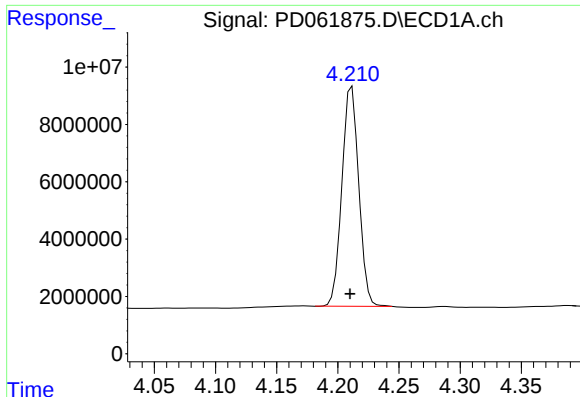
#2 alpha-BHC

R.T.: 3.927 min  
Delta R.T.: 0.002 min  
Response: 78869808  
Conc: 62.45 ng/ml



#2 alpha-BHC

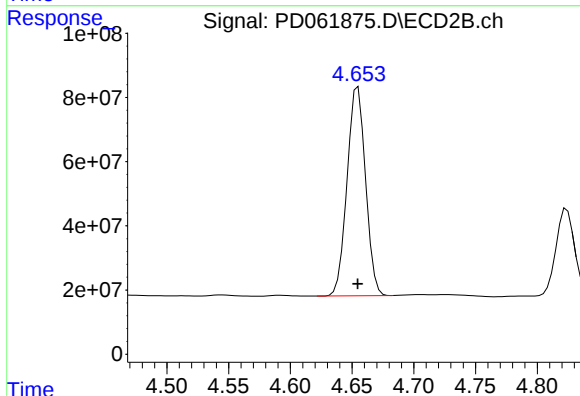
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 767760092  
Conc: 57.08 ng/ml



#3 gamma-BHC (Lindane)

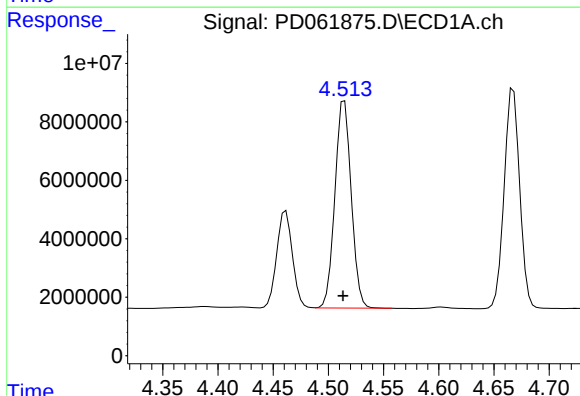
R.T.: 4.212 min  
Delta R.T.: 0.001 min  
Response: 73585192  
Conc: 61.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



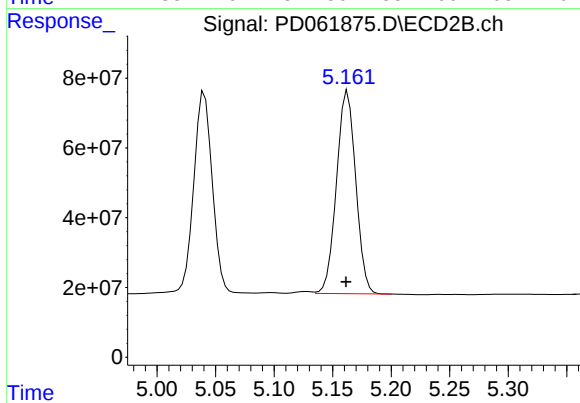
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 677883658  
Conc: 54.34 ng/ml



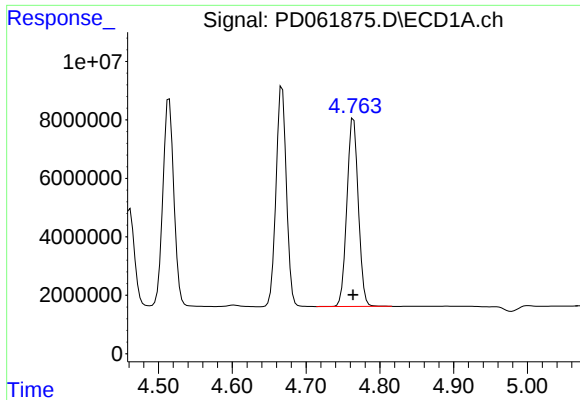
#4 Heptachlor

R.T.: 4.515 min  
Delta R.T.: 0.001 min  
Response: 72925746  
Conc: 62.64 ng/ml



#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.001 min  
Response: 665641837  
Conc: 51.08 ng/ml



#5 Aldrin

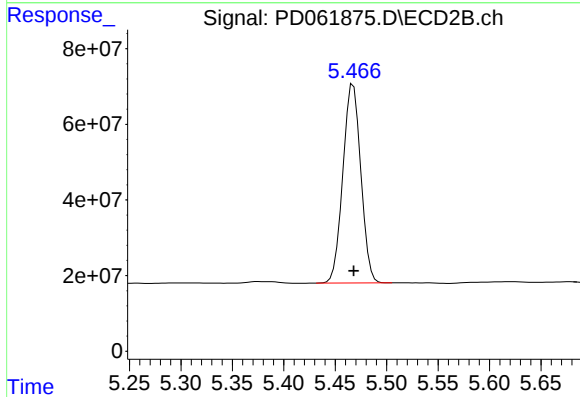
R.T.: 4.764 min

Delta R.T.: 0.000 min

Response: 69109397

Conc: 57.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



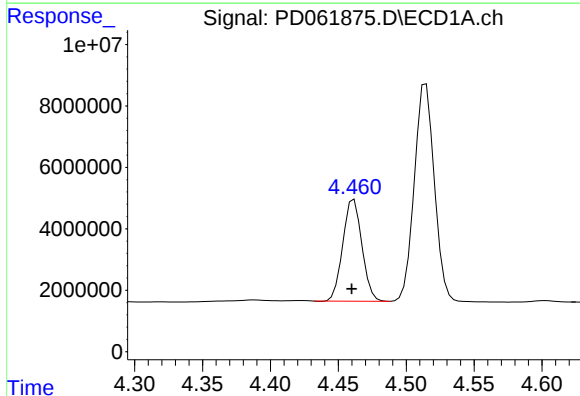
#5 Aldrin

R.T.: 5.468 min

Delta R.T.: 0.000 min

Response: 637555285

Conc: 51.23 ng/ml



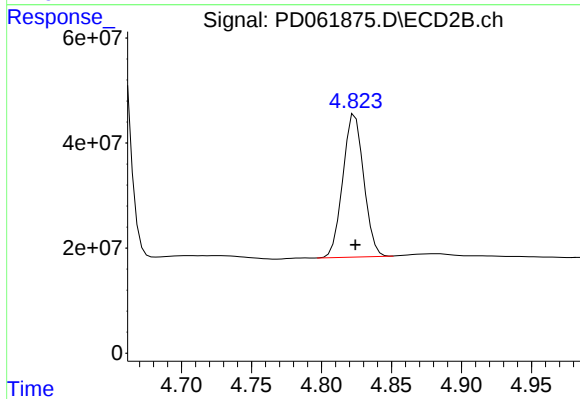
#6 beta-BHC

R.T.: 4.462 min

Delta R.T.: 0.002 min

Response: 32487679

Conc: 59.58 ng/ml



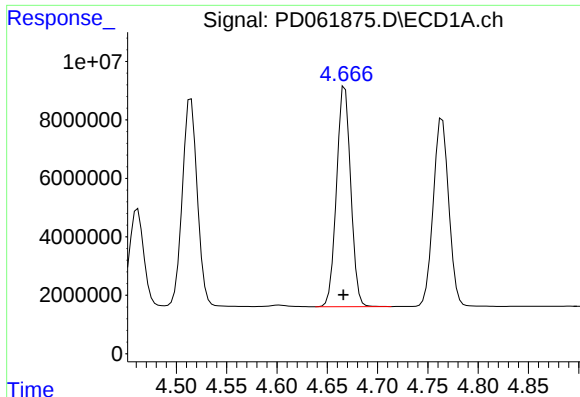
#6 beta-BHC

R.T.: 4.824 min

Delta R.T.: 0.000 min

Response: 283188110

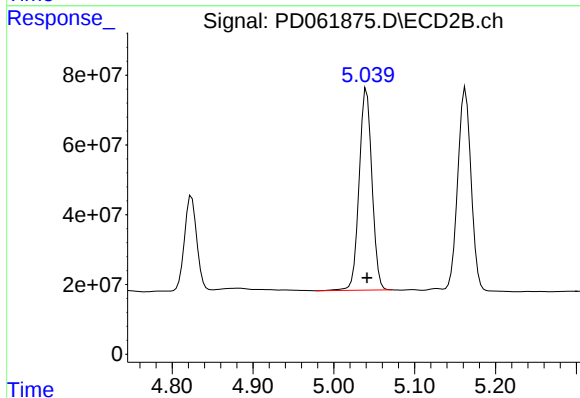
Conc: 54.83 ng/ml



#7 delta-BHC

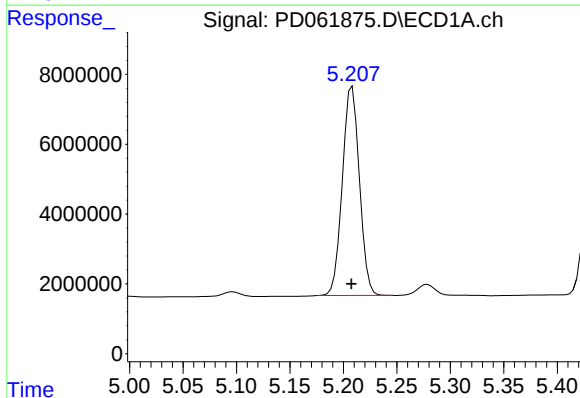
R.T.: 4.668 min  
Delta R.T.: 0.002 min  
Response: 73801290  
Conc: 60.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



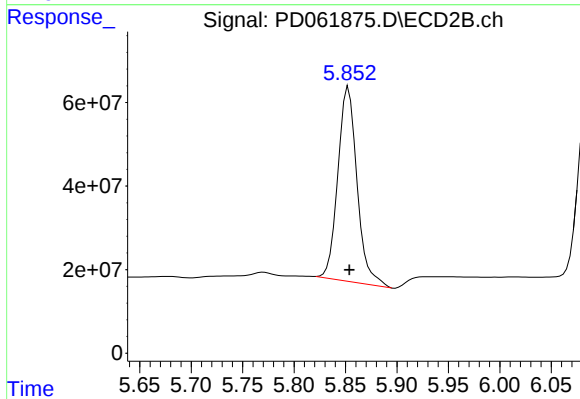
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 635797458  
Conc: 48.07 ng/ml



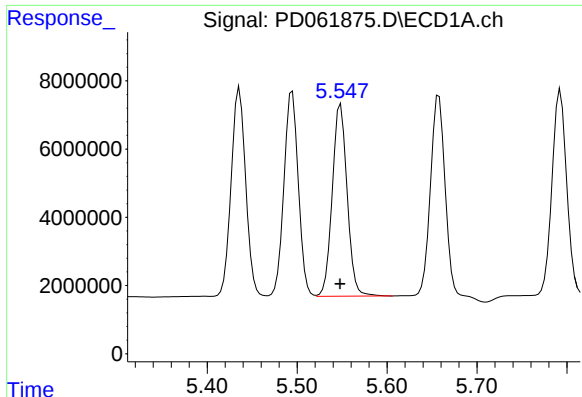
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: 0.000 min  
Response: 66606261  
Conc: 58.10 ng/ml



#8 Heptachlor epoxide

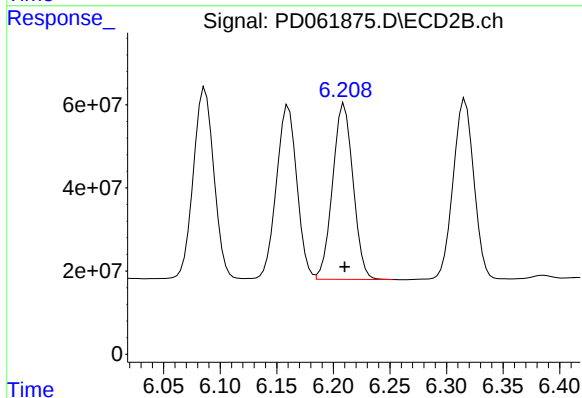
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 601641912  
Conc: 50.81 ng/ml



#9 Endosulfan I

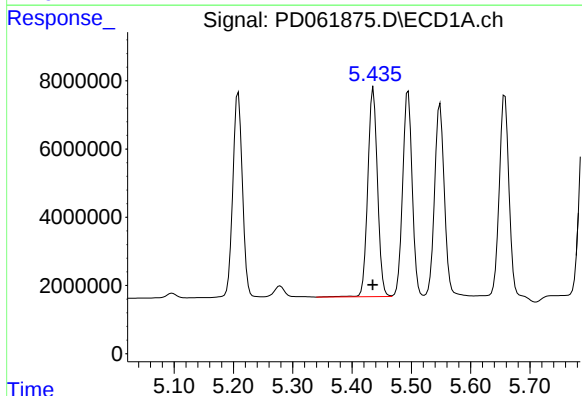
R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 64792742  
Conc: 59.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



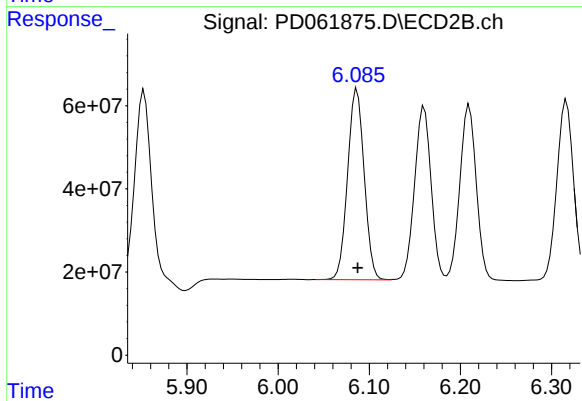
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 531683334  
Conc: 49.05 ng/ml



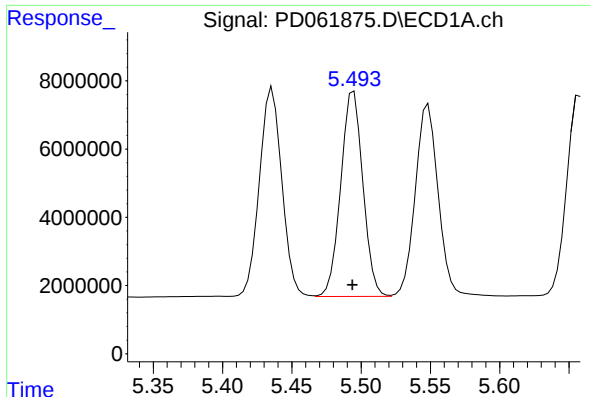
#10 gamma-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.001 min  
Response: 69477307  
Conc: 59.31 ng/ml



#10 gamma-Chlordane

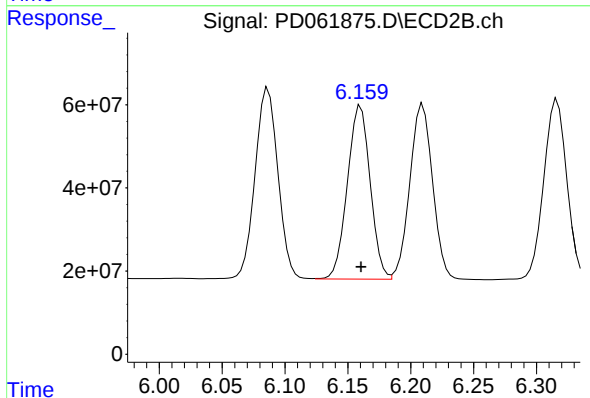
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 581258779  
Conc: 49.03 ng/ml



#11 alpha-Chlordane

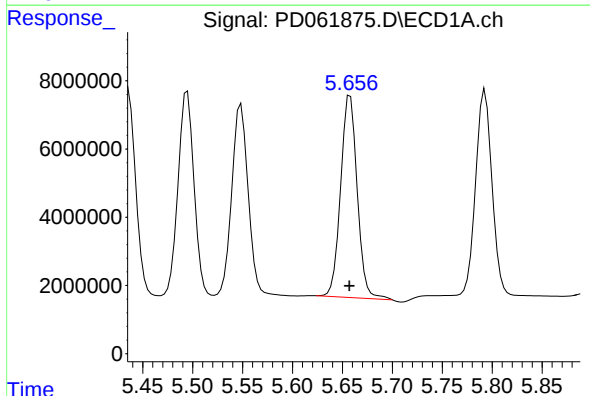
R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 66986102  
Conc: 57.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



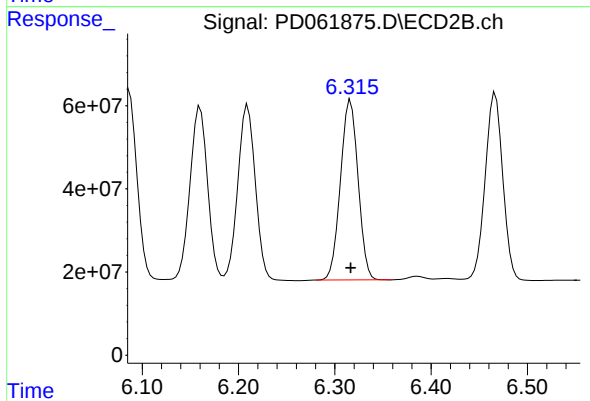
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 528191508  
Conc: 46.33 ng/ml



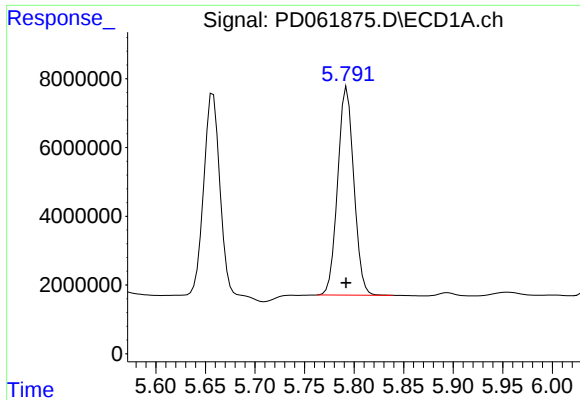
#12 4,4'-DDE

R.T.: 5.658 min  
Delta R.T.: 0.000 min  
Response: 68312656  
Conc: 60.79 ng/ml



#12 4,4'-DDE

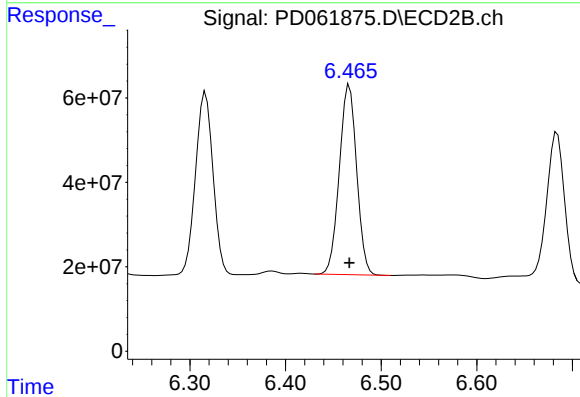
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 549161191  
Conc: 47.65 ng/ml



#13 Dieldrin

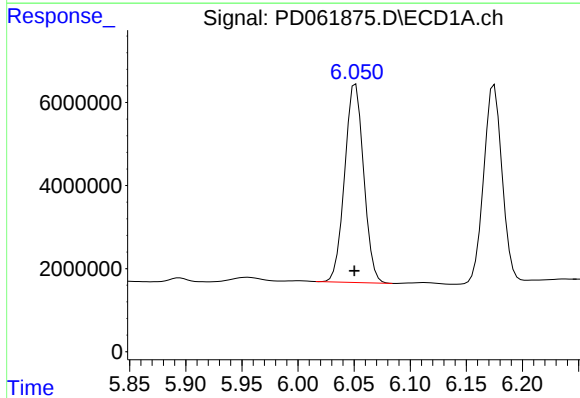
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 68599911  
Conc: 59.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



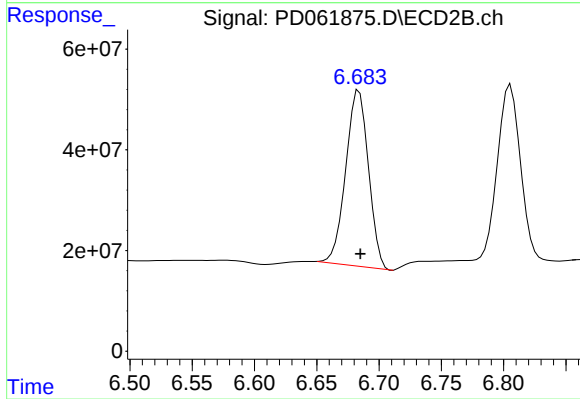
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 568043924  
Conc: 49.21 ng/ml



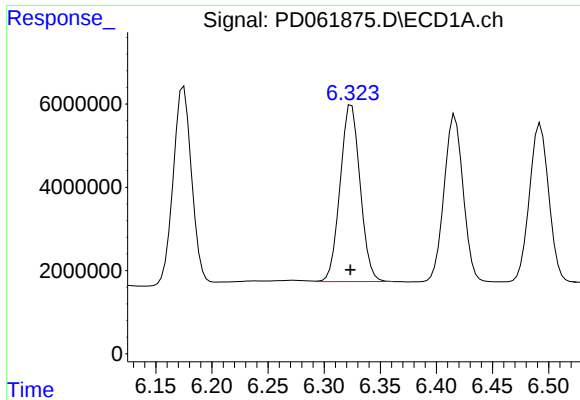
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.001 min  
Response: 56232891  
Conc: 54.73 ng/ml



#14 Endrin

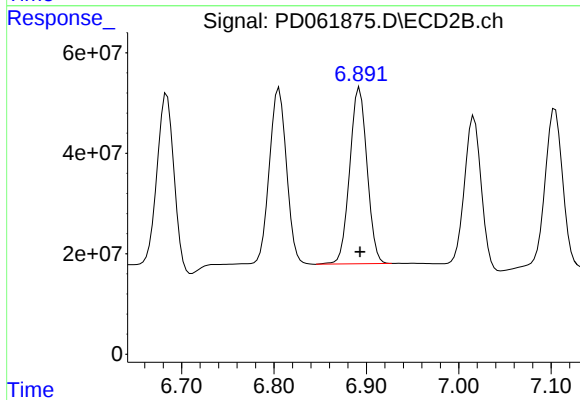
R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 446197826  
Conc: 45.09 ng/ml



#15 Endosulfan II

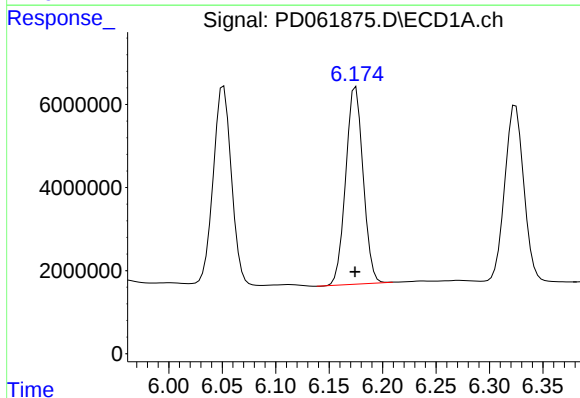
R.T.: 6.324 min  
Delta R.T.: 0.001 min  
Response: 52676562  
Conc: 51.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



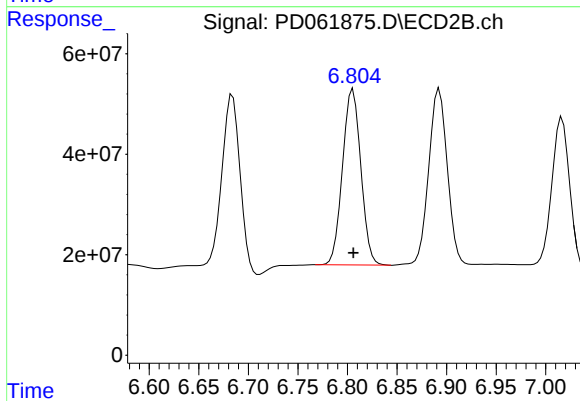
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 456742953  
Conc: 48.11 ng/ml



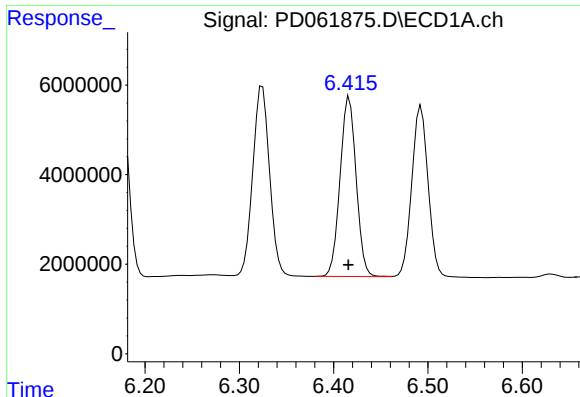
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 54016776  
Conc: 58.04 ng/ml



#16 4,4'-DDD

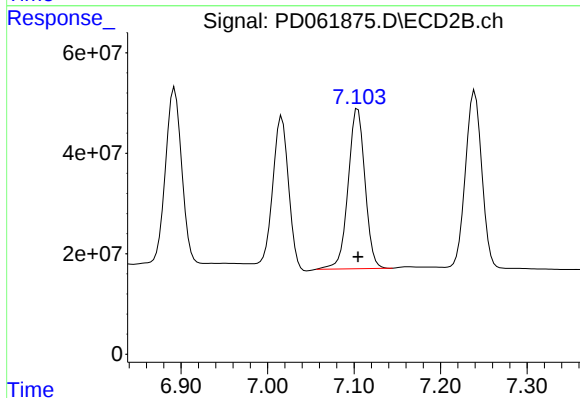
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 450427202  
Conc: 47.57 ng/ml



#17 4,4'-DDT

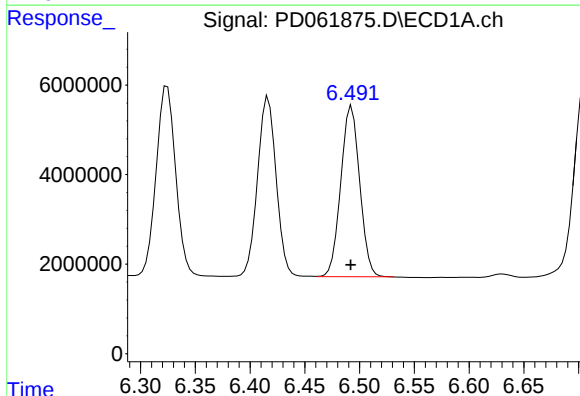
R.T.: 6.417 min  
Delta R.T.: 0.000 min  
Response: 47594176  
Conc: 52.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



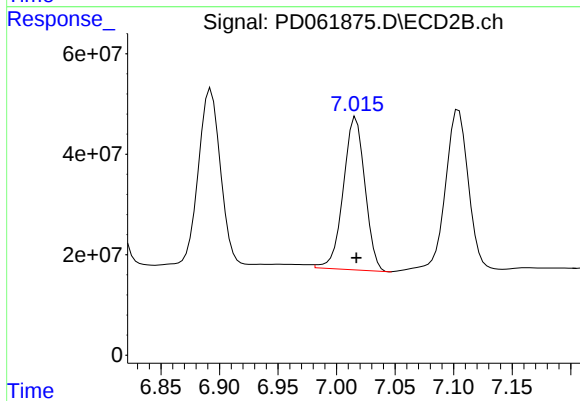
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 429547923  
Conc: 44.97 ng/ml



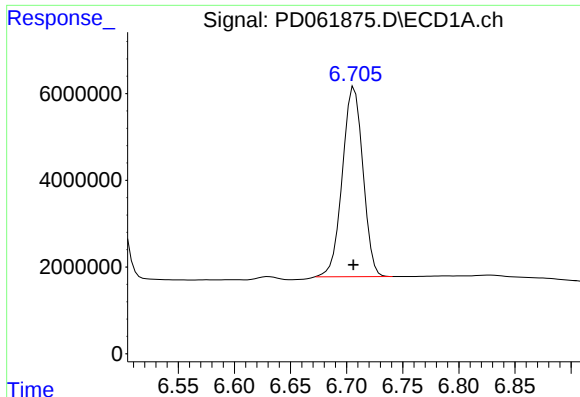
#18 Endrin aldehyde

R.T.: 6.493 min  
Delta R.T.: 0.000 min  
Response: 45806014  
Conc: 53.61 ng/ml



#18 Endrin aldehyde

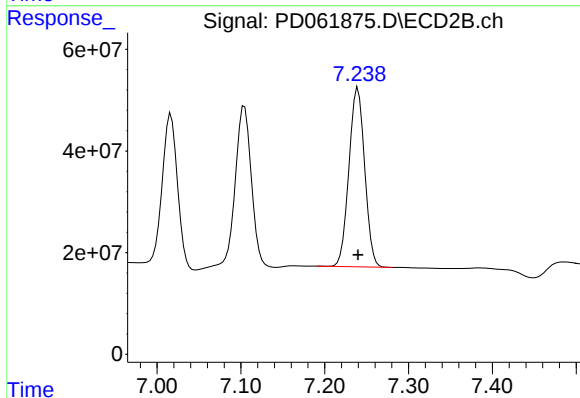
R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 390597089  
Conc: 49.67 ng/ml



#19 Endosulfan Sulfate

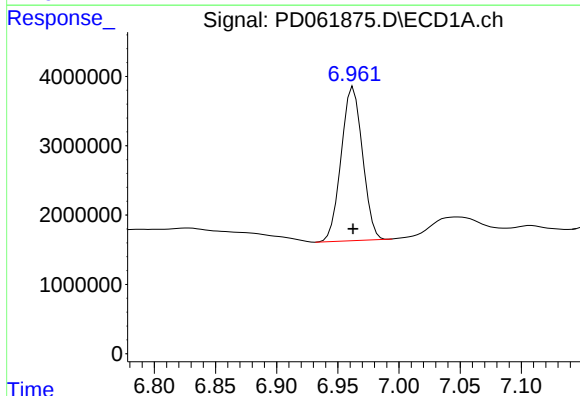
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 55857406  
Conc: 51.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



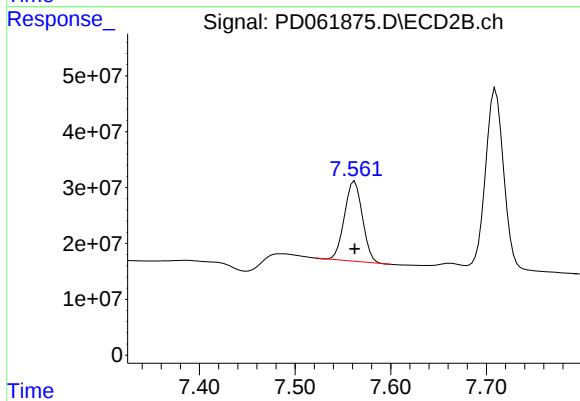
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 460340698  
Conc: 45.93 ng/ml



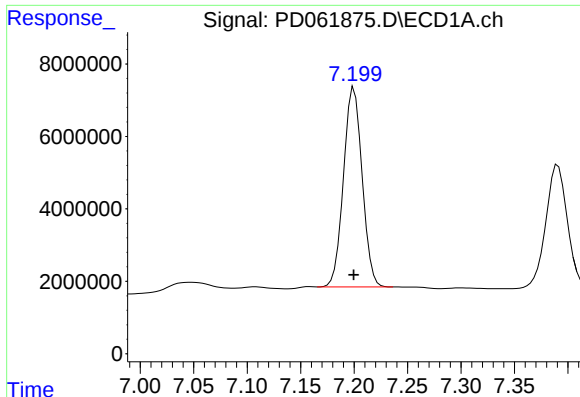
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 26926731  
Conc: 56.99 ng/ml



#20 Methoxychlor

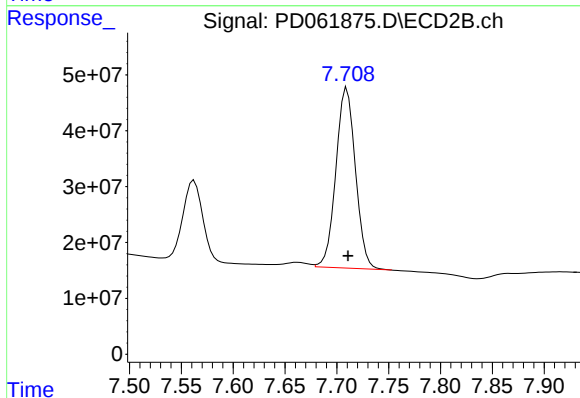
R.T.: 7.562 min  
Delta R.T.: 0.000 min  
Response: 186031728  
Conc: 41.27 ng/ml



#21 Endrin ketone

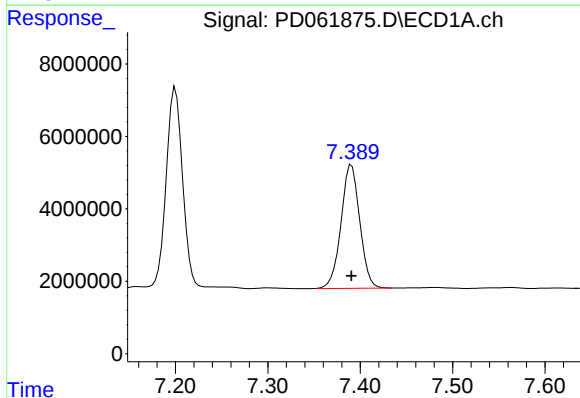
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 66925840  
Conc: 52.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



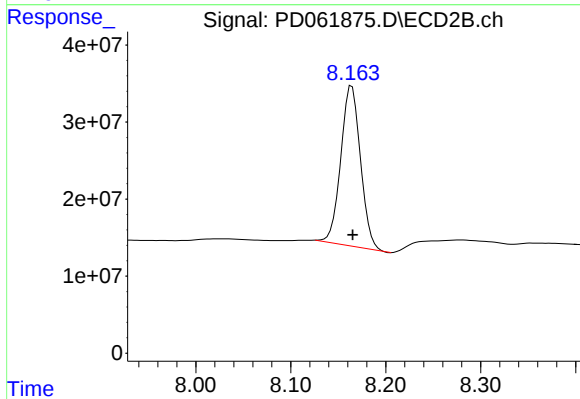
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: -0.001 min  
Response: 422811688  
Conc: 41.69 ng/ml



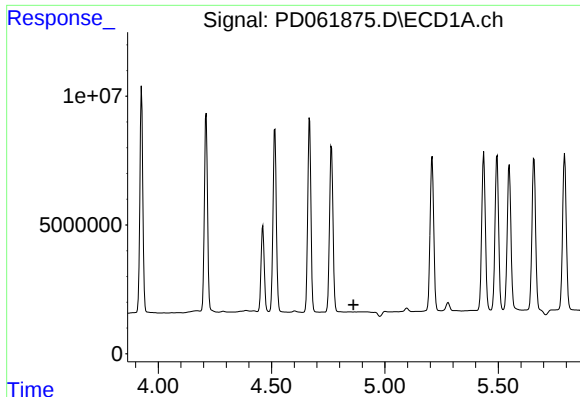
#22 Mirex

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 48097551  
Conc: 58.32 ng/ml



#22 Mirex

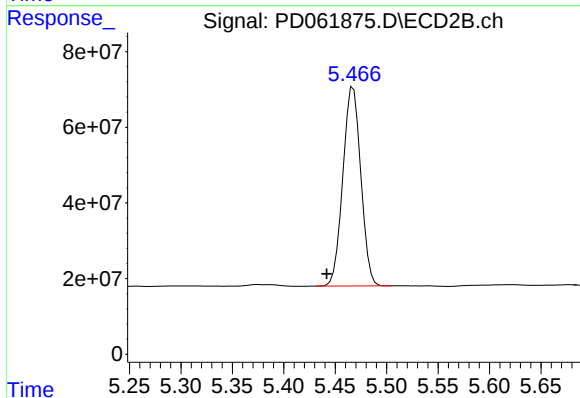
R.T.: 8.164 min  
Delta R.T.: 0.000 min  
Response: 300946848  
Conc: 46.70 ng/ml



#24 Chlordane-2

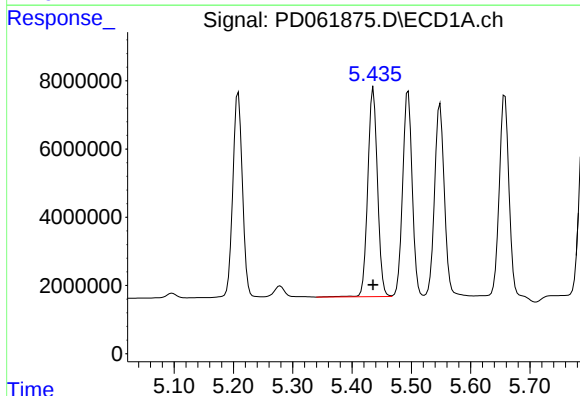
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



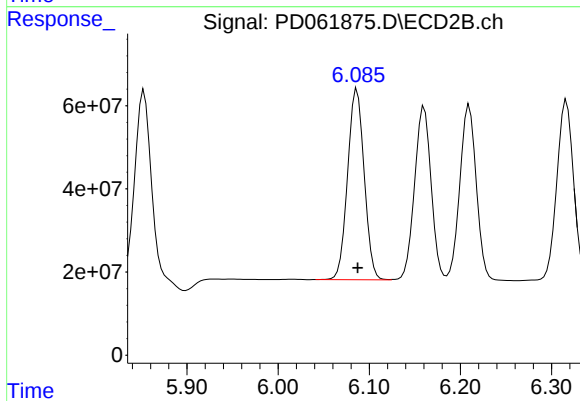
#24 Chlordane-2

R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 637555285  
Conc: 1661.54 ng/ml



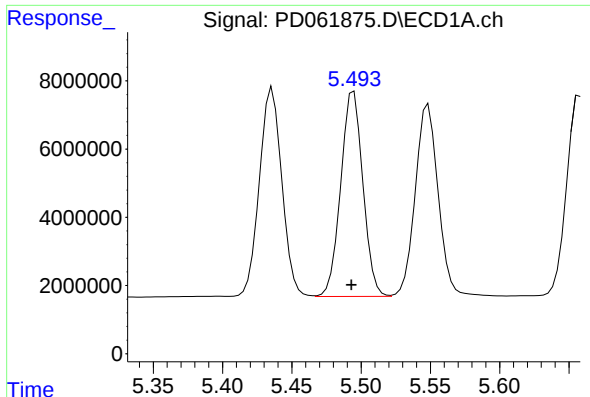
#25 Chlordane-3

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 69477307  
Conc: 598.89 ng/ml



#25 Chlordane-3

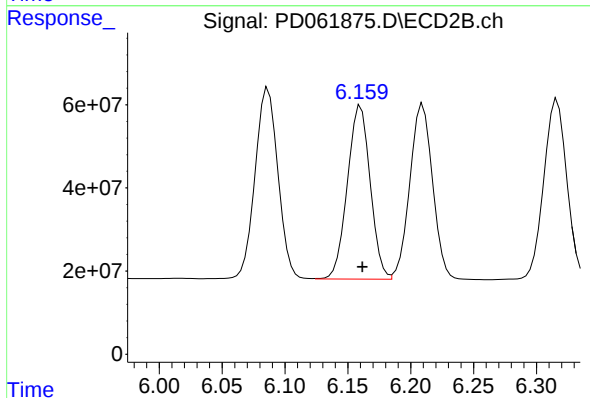
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 581258779  
Conc: 350.63 ng/ml



#26 Chlordane-4

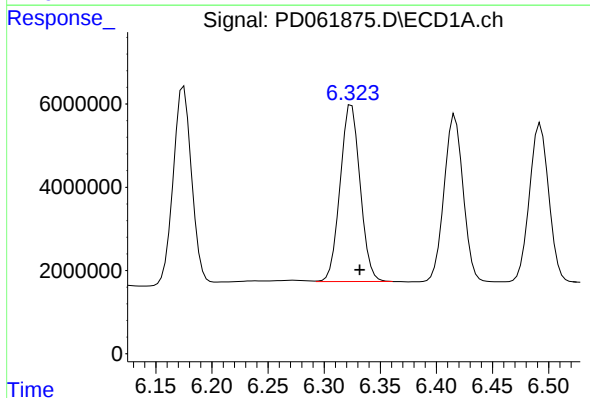
R.T.: 5.495 min  
Delta R.T.: 0.002 min  
Response: 66986102  
Conc: 696.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



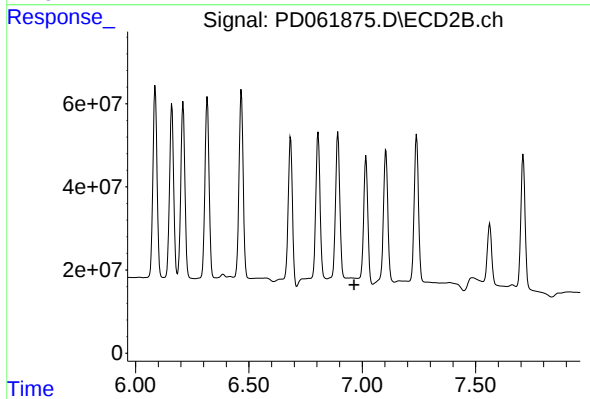
#26 Chlordane-4

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 528191508  
Conc: 275.25 ng/ml



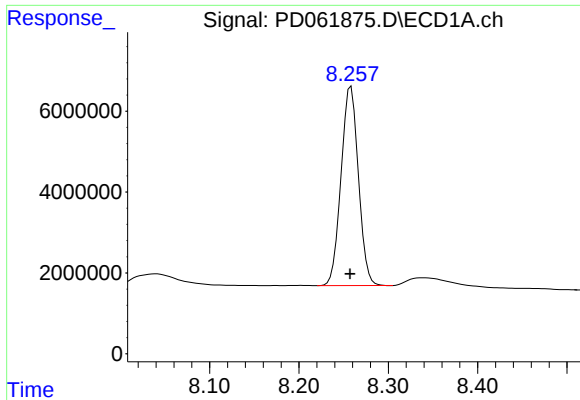
#27 Chlordane-5

R.T.: 6.324 min  
Delta R.T.: -0.007 min  
Response: 52676562  
Conc: 1196.28 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.964 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

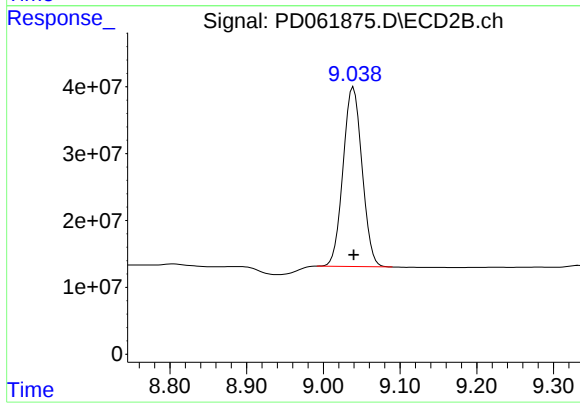
R.T.: 8.258 min

Delta R.T.: 0.000 min

Response: 66408886

Conc: 53.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.039 min

Delta R.T.: 0.000 min

Response: 463576088

Conc: 49.10 ng/ml