

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060622\  
 Data File : PD070122.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2022 14:27  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/07/2022  
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 06 16:37:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 06 16:34:48 2022  
 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 x 0.2 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 | 4.167 | 6249464 | 59784491 | 5.983  | 6.490   |
| 28) SA Decachlor...         | 8.191 | 9.361 | 6688152 | 36758504 | 6.335  | 6.283   |
| Target Compounds            |       |       |         |          |        |         |
| 2) A alpha-BHC              | 3.878 | 4.564 | 8375503 | 82920974 | 5.152  | 5.893   |
| 3) MA gamma-BHC...          | 4.161 | 4.854 | 8365695 | 78930826 | 5.553  | 6.109   |
| 4) MA Heptachlor            | 4.458 | 5.381 | 8493809 | 79784173 | 5.631  | 6.448   |
| 5) MB Aldrin                | 4.705 | 5.694 | 7847260 | 78283741 | 5.427  | 6.483   |
| 6) B beta-BHC               | 4.411 | 5.018 | 4478480 | 38654116 | 6.631m | 6.808   |
| 7) B delta-BHC              | 4.615 | 5.243 | 8058873 | 44365595 | 5.260  | 4.887m  |
| 8) B Heptachlo...           | 5.149 | 6.082 | 7706672 | 39574140 | 5.800  | 4.757   |
| 9) A Endosulfan I           | 5.486 | 6.444 | 7512341 | 65210439 | 5.959  | 6.536   |
| 10) B gamma-Chl...          | 5.374 | 6.319 | 7787851 | 71102695 | 5.779  | 6.576   |
| 11) B alpha-Chl...          | 5.433 | 6.394 | 7856277 | 69464846 | 5.872  | 6.518   |
| 12) B 4,4'-DDE              | 5.598 | 6.543 | 6637663 | 63435535 | 5.390  | 6.386   |
| 13) MA Dieldrin             | 5.730 | 6.703 | 7306992 | 67004734 | 5.543  | 6.497   |
| 14) MA Endrin               | 5.988 | 6.923 | 6651567 | 48660963 | 5.672  | 6.038   |
| 15) B Endosulfa...          | 6.262 | 7.128 | 6660145 | 51350788 | 6.177  | 6.418   |
| 16) A 4,4'-DDD              | 6.115 | 7.035 | 5922457 | 51247285 | 5.579  | 6.446   |
| 17) MA 4,4'-DDT             | 6.355 | 7.338 | 5149385 | 50391608 | 4.819  | 6.138 # |
| 18) B Endrin al...          | 6.432 | 7.253 | 5475149 | 41908213 | 6.200  | 6.465   |
| 19) B Endosulfa...          | 6.644 | 7.477 | 6886781 | 50371032 | 6.067  | 6.382   |
| 20) A Methoxychlor          | 6.906 | 7.791 | 3331879 | 25098484 | 5.516  | 6.250   |
| 21) B Endrin ke...          | 7.136 | 7.953 | 7560183 | 53217191 | 5.795m | 6.501   |
| 22) Mirex                   | 7.320 | 8.417 | 6546212 | 38547521 | 6.693  | 6.702   |
| -----                       |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060622\  
Data File : PD070122.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2022 14:27  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC005

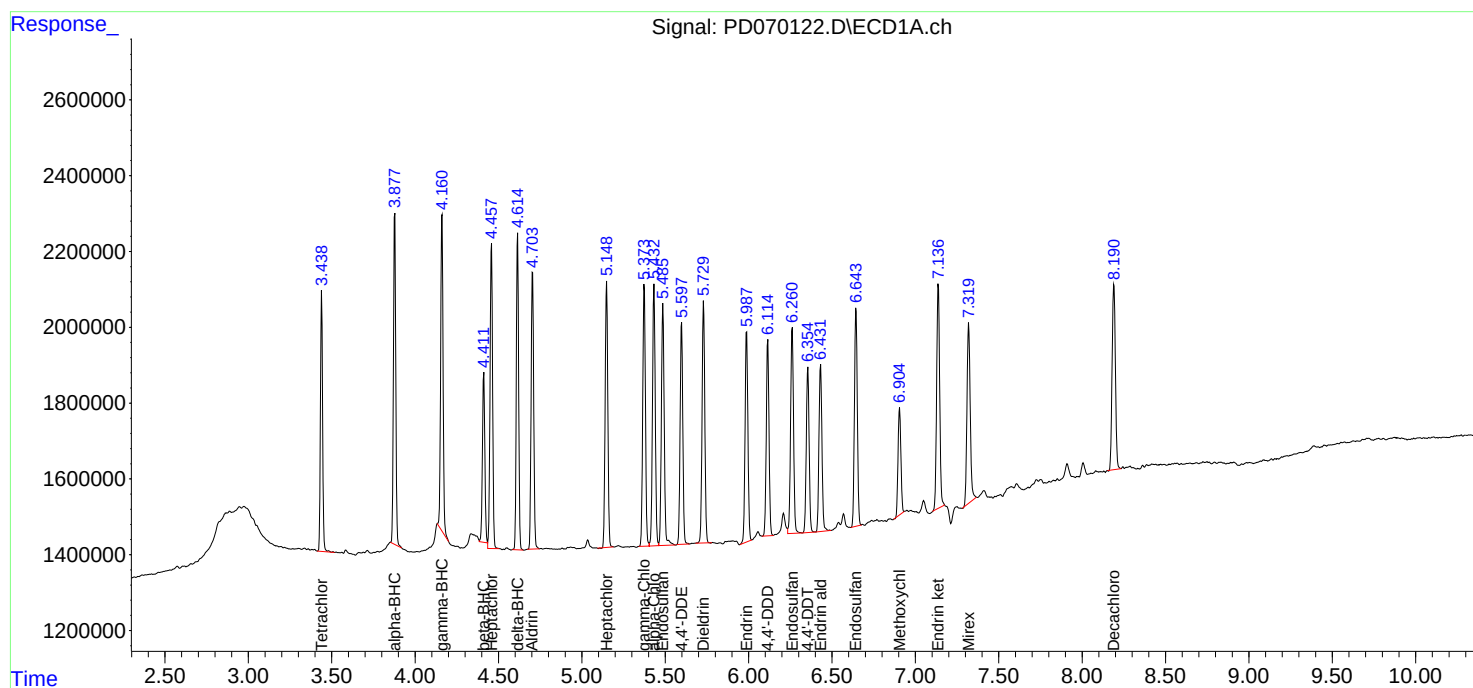
## Manual Integrations

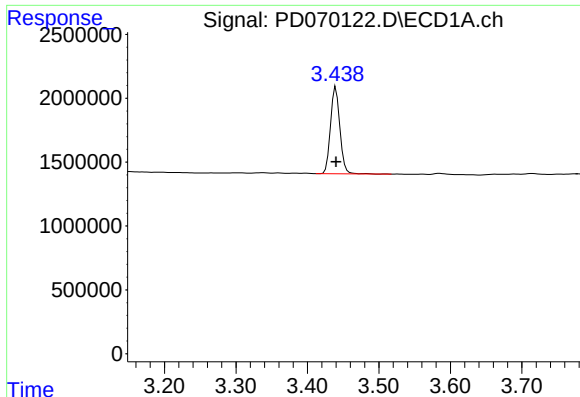
## APPROVED

Reviewed By :Abdul Mirza 06/07/2022  
Supervised By :Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 16:37:46 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060622.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 06 16:34:48 2022  
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





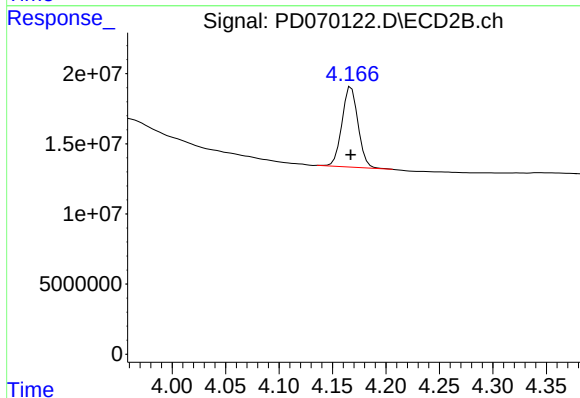
#1 Tetrachloro-m-xylene

R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 6249464  
Conc: 5.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

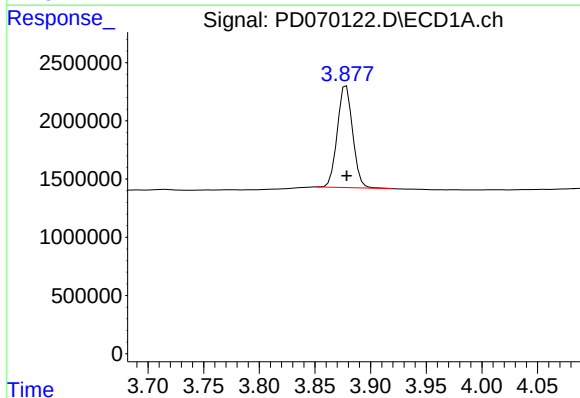
Manual Integrations  
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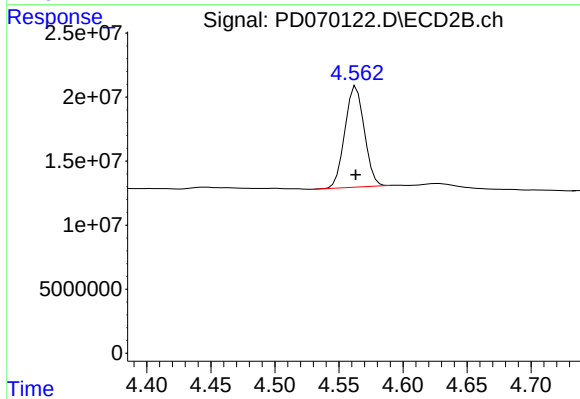
#1 Tetrachloro-m-xylene

R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 59784491  
Conc: 6.49 ng/ml



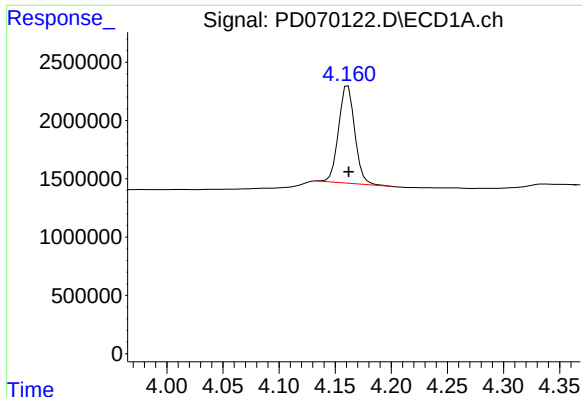
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 8375503  
Conc: 5.15 ng/ml



#2 alpha-BHC

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 82920974  
Conc: 5.89 ng/ml



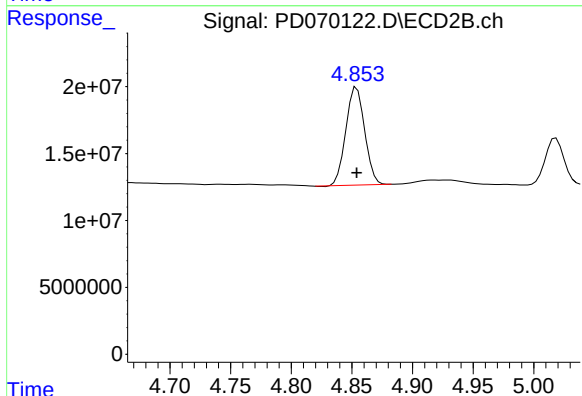
#3 gamma-BHC (Lindane)

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 8365695  
Conc: 5.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

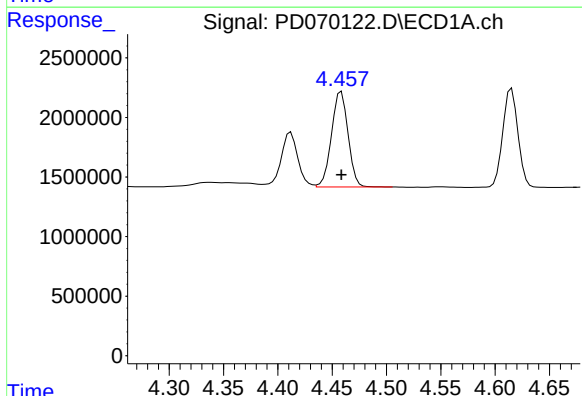
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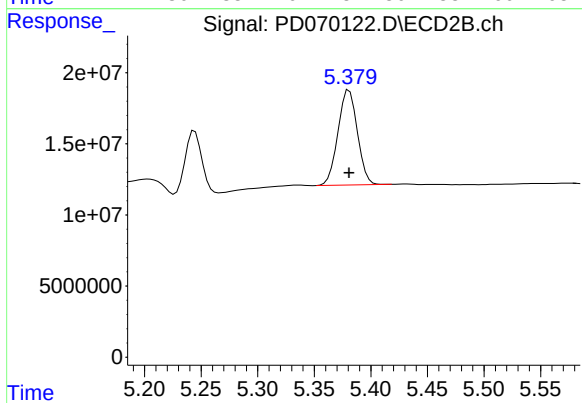
#3 gamma-BHC (Lindane)

R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 78930826  
Conc: 6.11 ng/ml



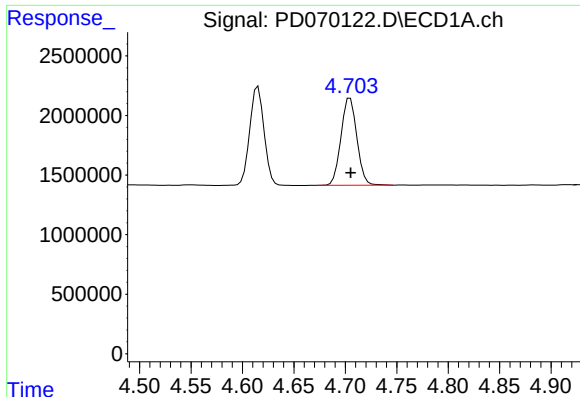
#4 Heptachlor

R.T.: 4.458 min  
Delta R.T.: 0.000 min  
Response: 8493809  
Conc: 5.63 ng/ml



#4 Heptachlor

R.T.: 5.381 min  
Delta R.T.: 0.000 min  
Response: 79784173  
Conc: 6.45 ng/ml



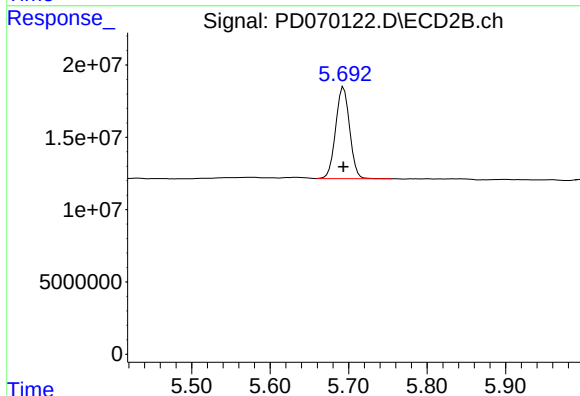
#5 Aldrin

R.T.: 4.705 min  
Delta R.T.: 0.000 min  
Response: 7847260  
Conc: 5.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

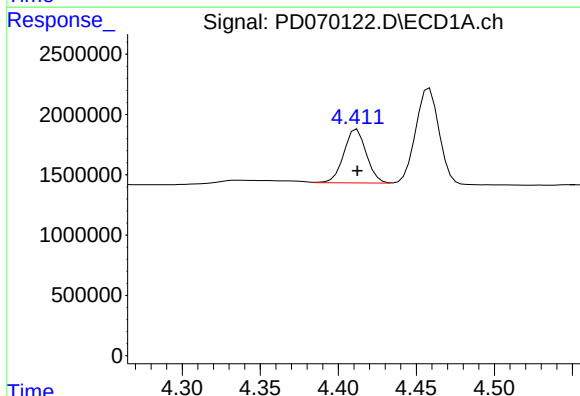
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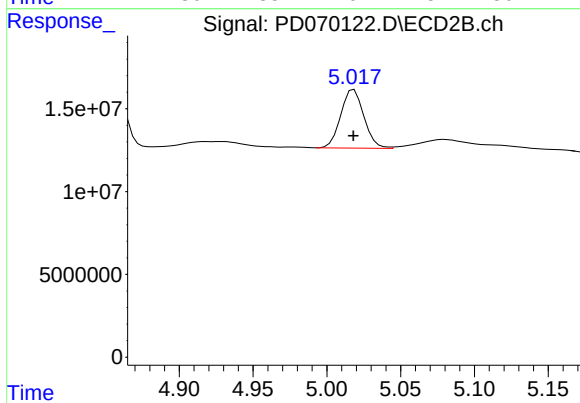
#5 Aldrin

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 78283741  
Conc: 6.48 ng/ml



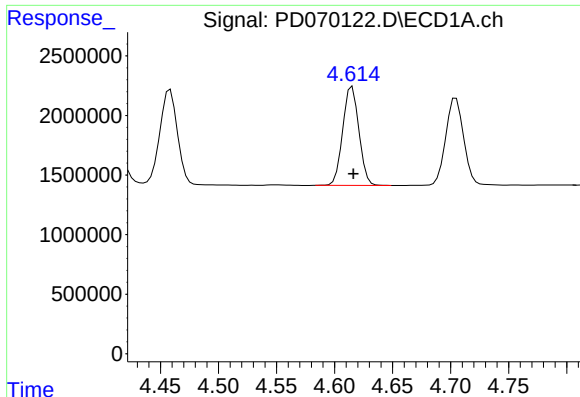
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: -0.002 min  
Response: 4478480  
Conc: 6.63 ng/ml m



#6 beta-BHC

R.T.: 5.018 min  
Delta R.T.: 0.000 min  
Response: 38654116  
Conc: 6.81 ng/ml



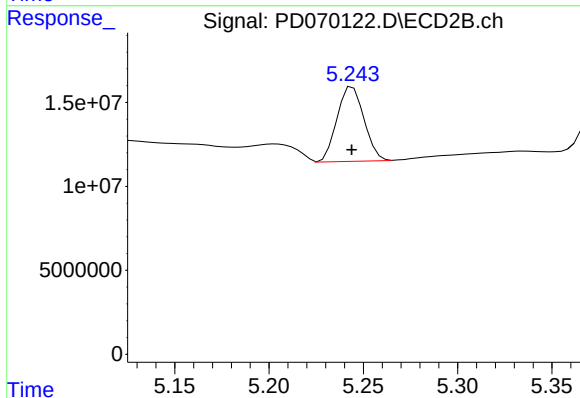
#7 delta-BHC

R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 8058873  
Conc: 5.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

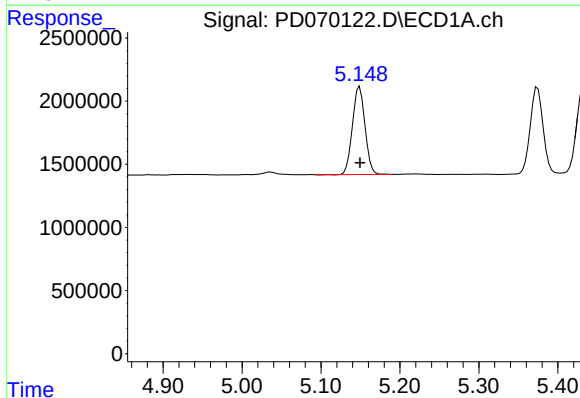
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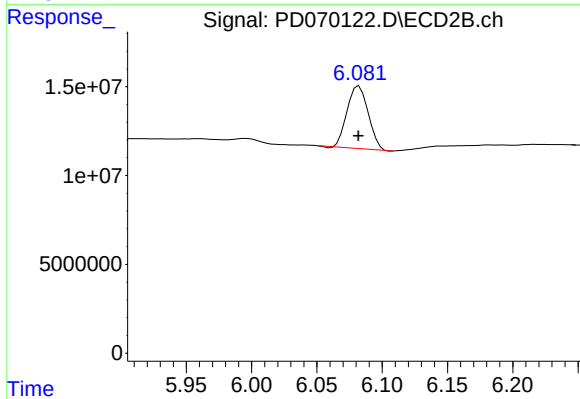
#7 delta-BHC

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 44365595  
Conc: 4.89 ng/ml m



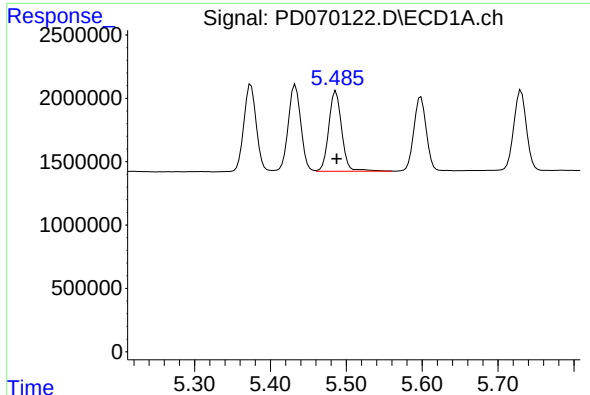
#8 Heptachlor epoxide

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 7706672  
Conc: 5.80 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 39574140  
Conc: 4.76 ng/ml



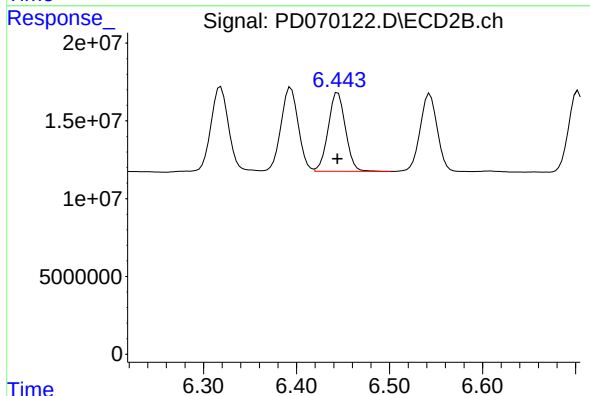
#9 Endosulfan I

R.T.: 5.486 min  
Delta R.T.: -0.001 min  
Response: 7512341  
Conc: 5.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

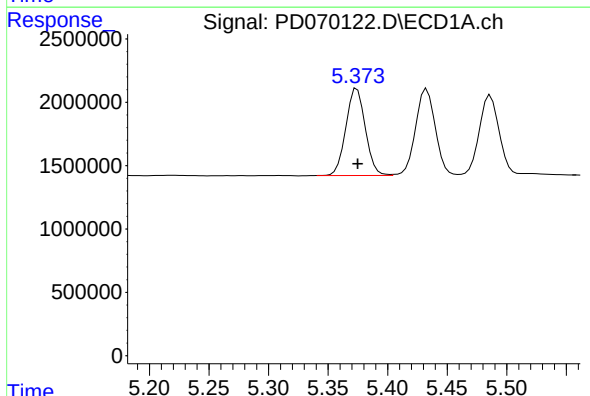
Manual Integrations  
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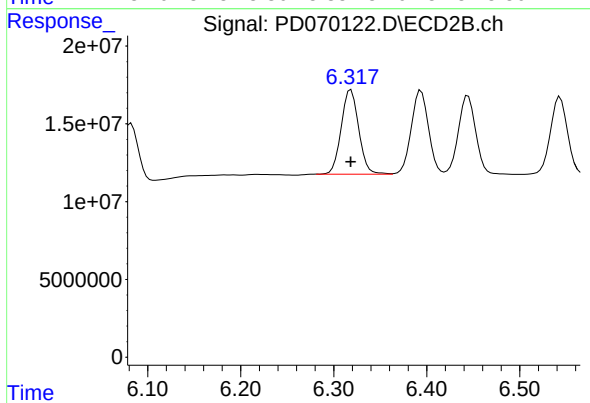
#9 Endosulfan I

R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 65210439  
Conc: 6.54 ng/ml



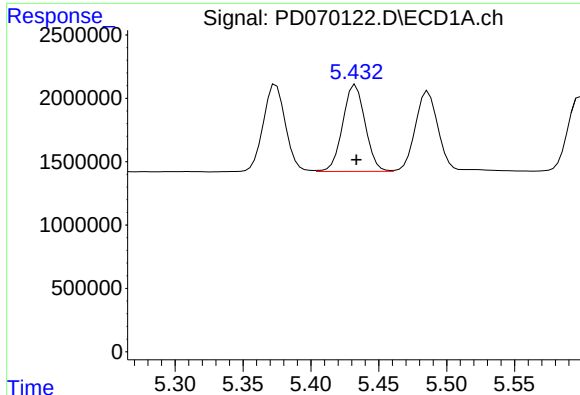
#10 gamma-Chlordane

R.T.: 5.374 min  
Delta R.T.: 0.000 min  
Response: 7787851  
Conc: 5.78 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 71102695  
Conc: 6.58 ng/ml



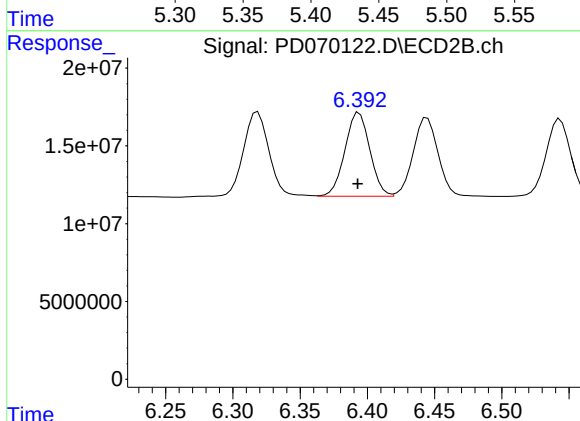
#11 alpha-Chlordane

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 7856277  
Conc: 5.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

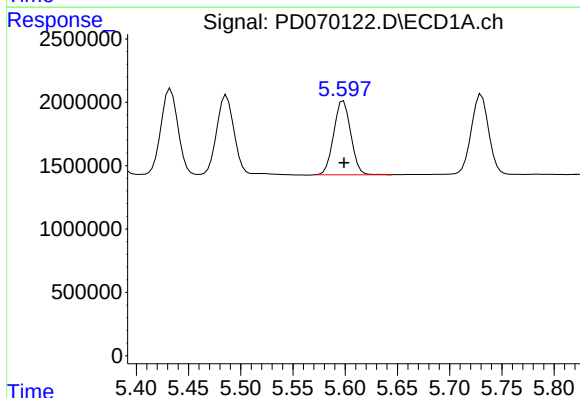
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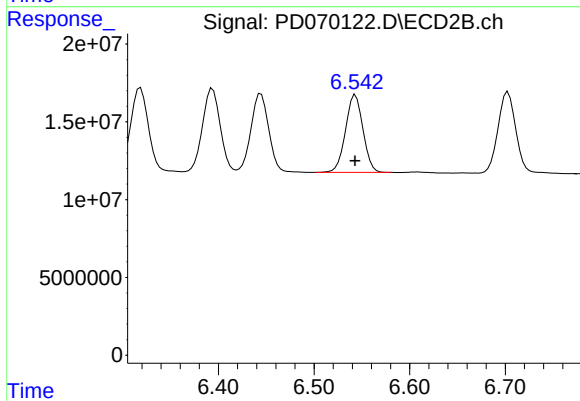
#11 alpha-Chlordane

R.T.: 6.394 min  
Delta R.T.: 0.001 min  
Response: 69464846  
Conc: 6.52 ng/ml



#12 4,4'-DDE

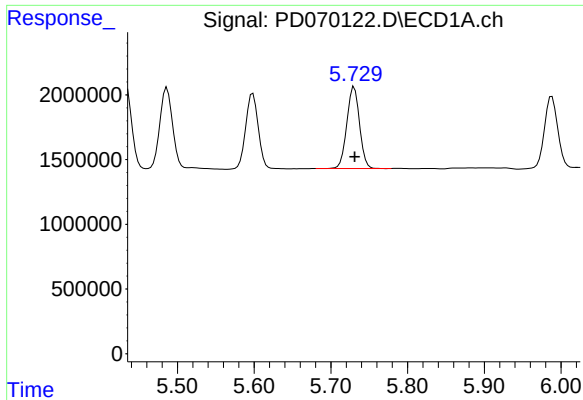
R.T.: 5.598 min  
Delta R.T.: 0.000 min  
Response: 6637663  
Conc: 5.39 ng/ml



#12 4,4'-DDE

R.T.: 6.543 min  
Delta R.T.: 0.000 min  
Response: 63435535  
Conc: 6.39 ng/ml





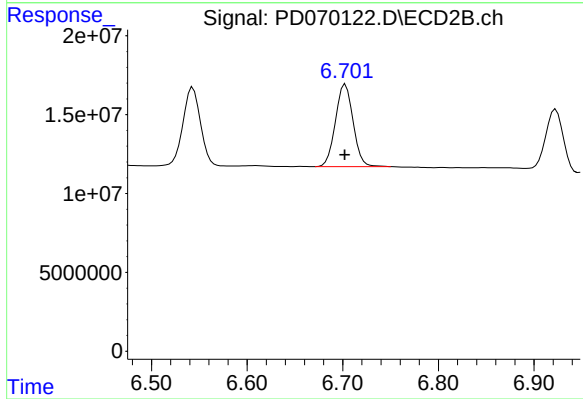
#13 Dieldrin

R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 7306992  
Conc: 5.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

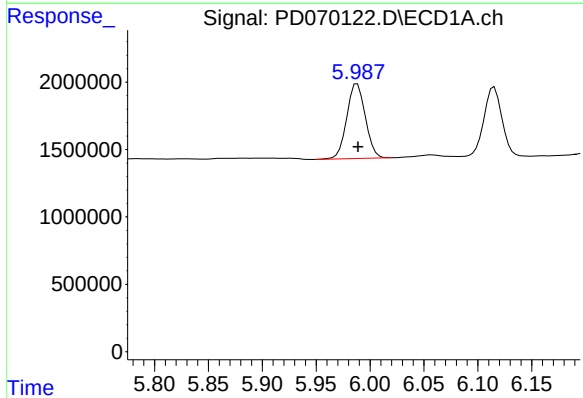
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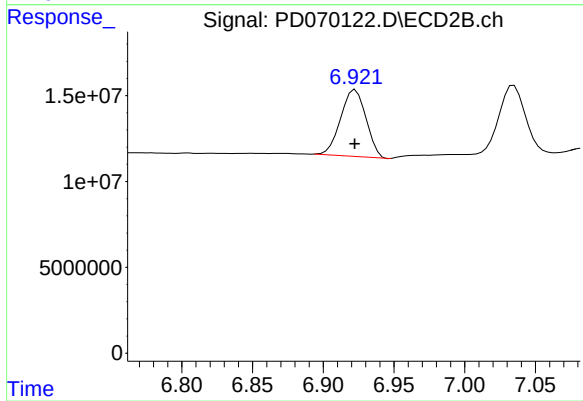
#13 Dieldrin

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 67004734  
Conc: 6.50 ng/ml



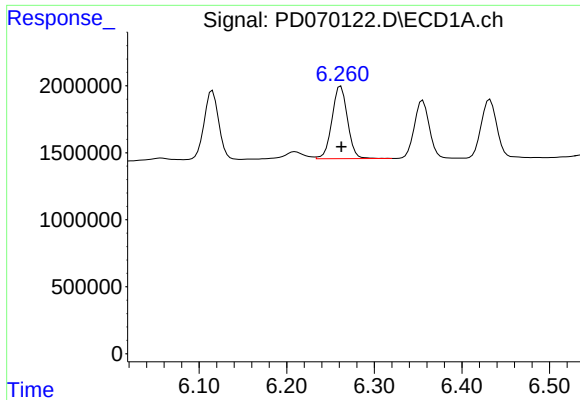
#14 Endrin

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 6651567  
Conc: 5.67 ng/ml



#14 Endrin

R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 48660963  
Conc: 6.04 ng/ml



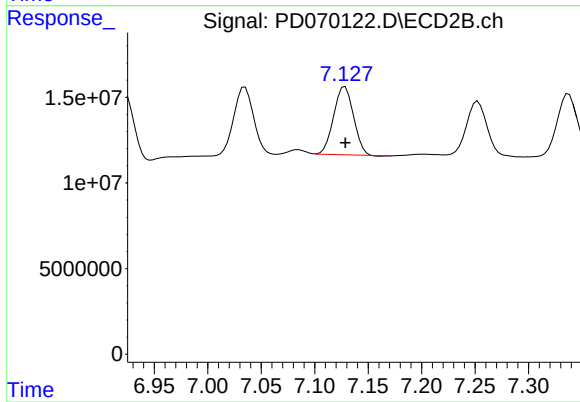
#15 Endosulfan II

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 6660145  
Conc: 6.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

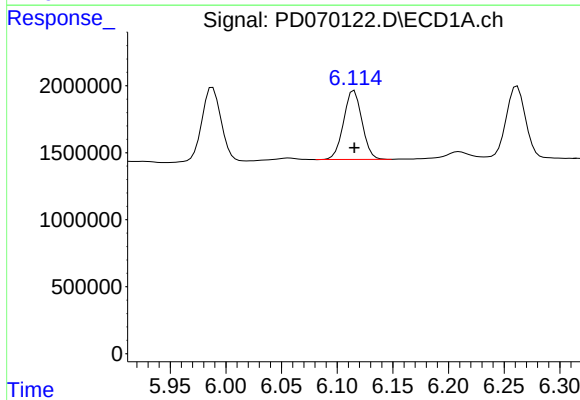
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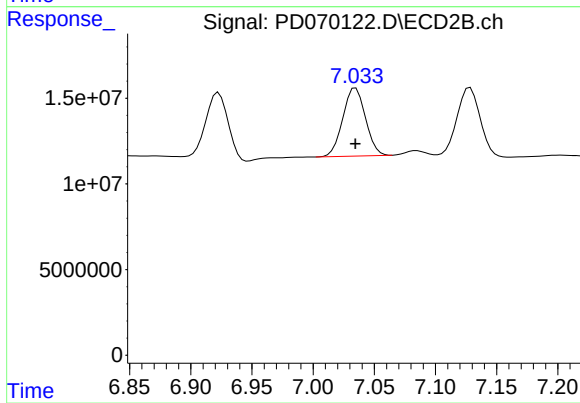
#15 Endosulfan II

R.T.: 7.128 min  
Delta R.T.: 0.000 min  
Response: 51350788  
Conc: 6.42 ng/ml



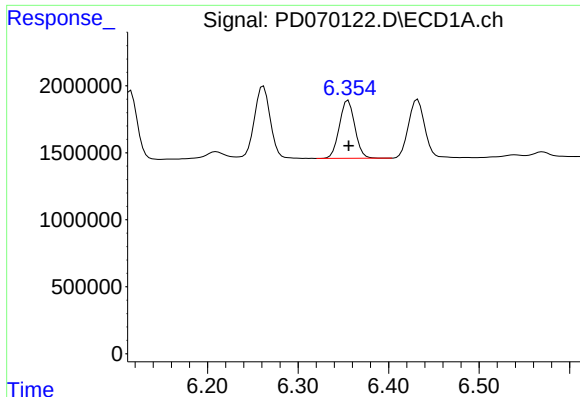
#16 4,4'-DDD

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 5922457  
Conc: 5.58 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min  
Delta R.T.: 0.000 min  
Response: 51247285  
Conc: 6.45 ng/ml



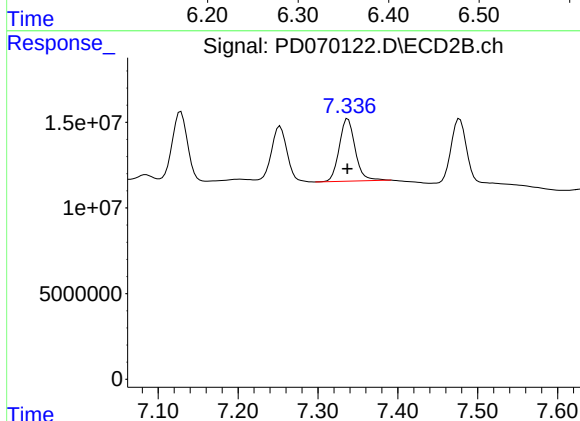
#17 4,4'-DDT

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 5149385  
Conc: 4.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

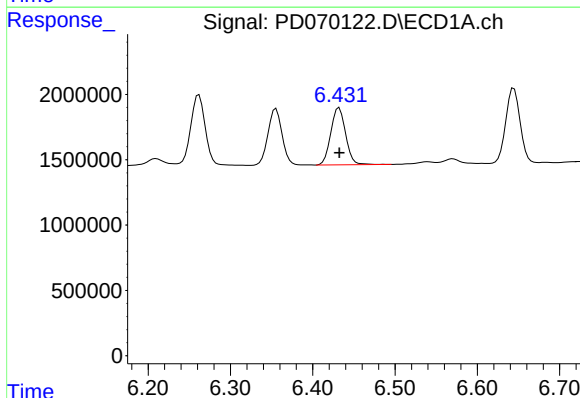
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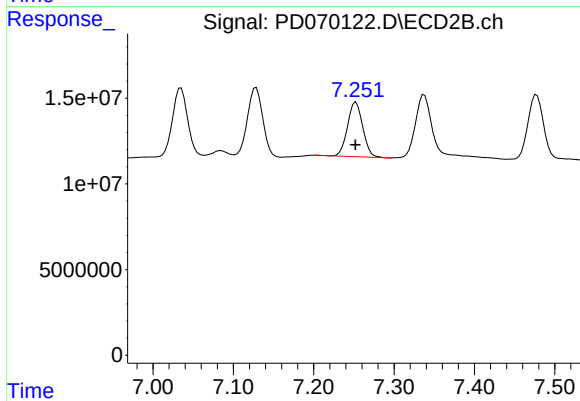
#17 4,4'-DDT

R.T.: 7.338 min  
Delta R.T.: 0.000 min  
Response: 50391608  
Conc: 6.14 ng/ml



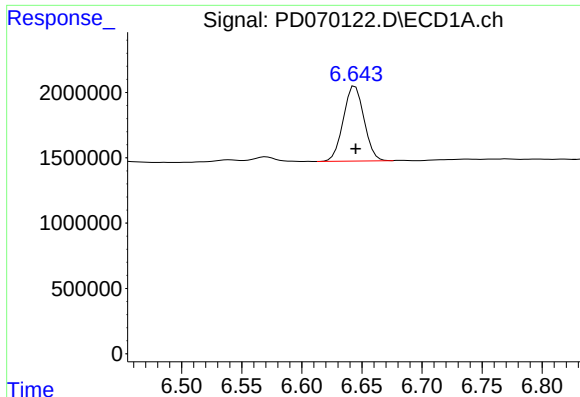
#18 Endrin aldehyde

R.T.: 6.432 min  
Delta R.T.: 0.000 min  
Response: 5475149  
Conc: 6.20 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 41908213  
Conc: 6.46 ng/ml



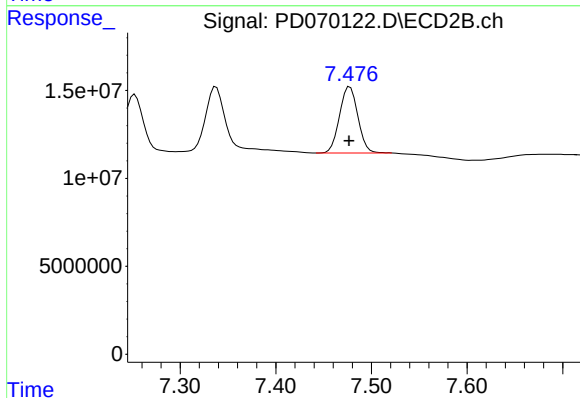
#19 Endosulfan Sulfate

R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 6886781  
Conc: 6.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

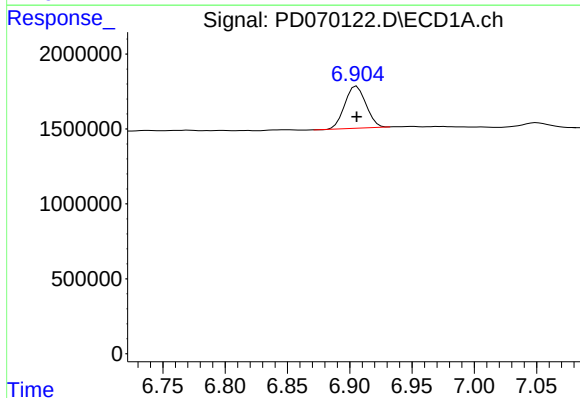
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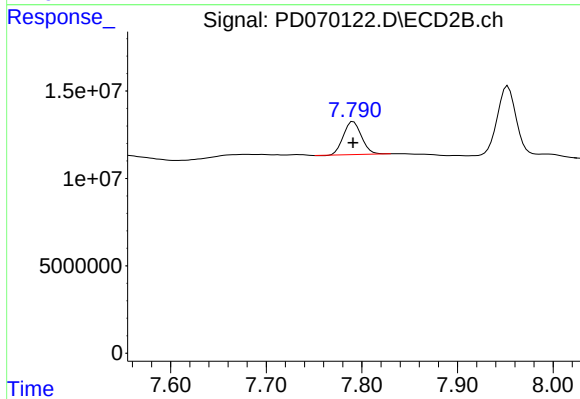
#19 Endosulfan Sulfate

R.T.: 7.477 min  
Delta R.T.: 0.000 min  
Response: 50371032  
Conc: 6.38 ng/ml



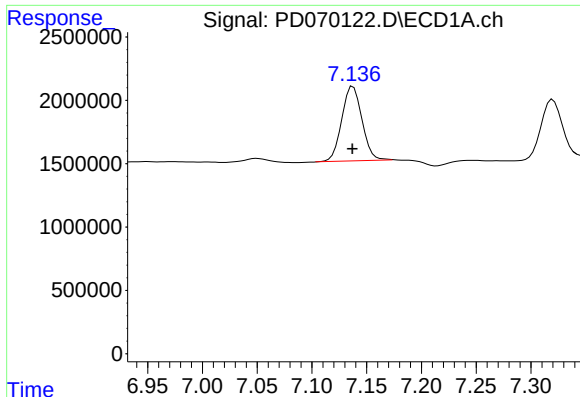
#20 Methoxychlor

R.T.: 6.906 min  
Delta R.T.: 0.000 min  
Response: 3331879  
Conc: 5.52 ng/ml



#20 Methoxychlor

R.T.: 7.791 min  
Delta R.T.: 0.000 min  
Response: 25098484  
Conc: 6.25 ng/ml



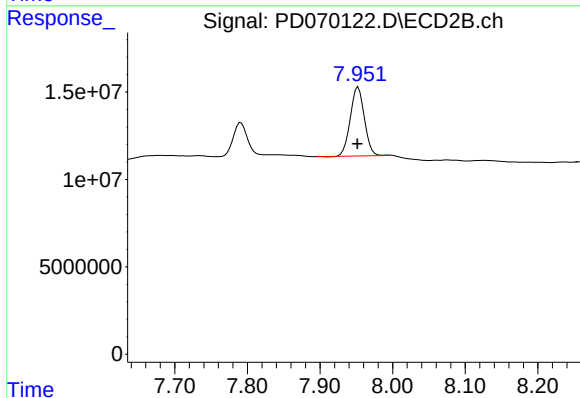
#21 Endrin ketone

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 7560183  
Conc: 5.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

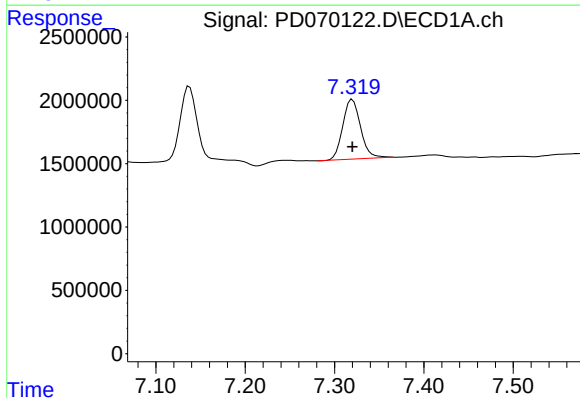
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/07/2022  
Supervised By :Ankita Jodhani 06/07/2022



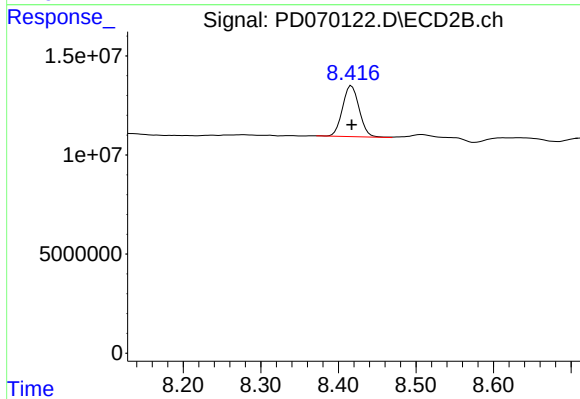
#21 Endrin ketone

R.T.: 7.953 min  
Delta R.T.: 0.001 min  
Response: 53217191  
Conc: 6.50 ng/ml



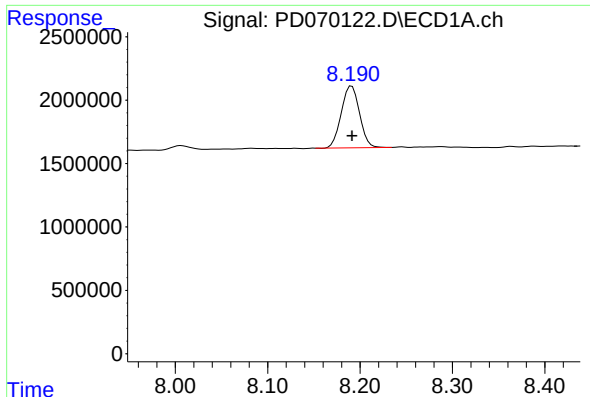
#22 Mirex

R.T.: 7.320 min  
Delta R.T.: 0.000 min  
Response: 6546212  
Conc: 6.69 ng/ml



#22 Mirex

R.T.: 8.417 min  
Delta R.T.: 0.000 min  
Response: 38547521  
Conc: 6.70 ng/ml



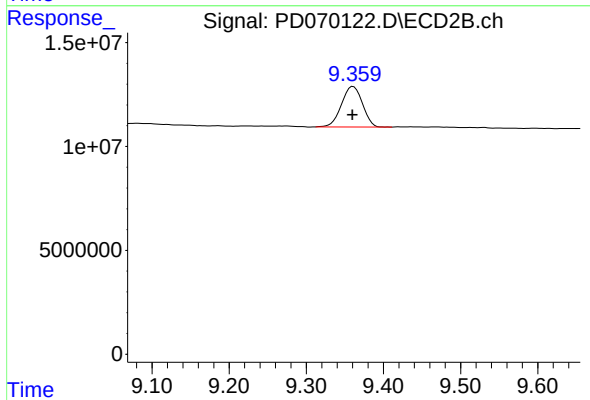
#28 Decachlorobiphenyl

R.T.: 8.191 min  
Delta R.T.: 0.000 min  
Response: 6688152  
Conc: 6.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/07/2022  
Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.361 min  
Delta R.T.: 0.001 min  
Response: 36758504  
Conc: 6.28 ng/ml