

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030422\  
 Data File : PD068325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2022 18:33  
 Operator : AR\AJ  
 Sample : PB143076BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB143076BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/07/2022  
 Supervised By : Ankita Jodhani 03/07/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:12:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 06:48:49 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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.449 | 4.175 | 21930534 | 166.8E6  | 18.708  | 17.377  |
| 2)                          | SA Decachlor... | 8.211 | 9.370 | 20548164 | 92094579 | 17.657  | 15.533  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.889 | 4.571 | 18458466 | 141.4E6  | 10.757  | 10.306  |
| 3)                          | MA gamma-BHC... | 4.172 | 4.862 | 17675398 | 127.4E6  | 11.099  | 10.276  |
| 4)                          | MA Heptachlor   | 4.472 | 5.389 | 17644949 | 115.4E6  | 11.688  | 10.190  |
| 5)                          | MB Aldrin       | 4.720 | 5.702 | 17390724 | 111.0E6  | 11.104  | 9.385   |
| 6)                          | B beta-BHC      | 4.423 | 5.024 | 9046872  | 55602965 | 12.894  | 10.286  |
| 7)                          | B delta-BHC     | 4.627 | 5.249 | 16941785 | 117.5E6  | 10.500  | 9.448   |
| 8)                          | B Heptachlo...  | 5.164 | 6.089 | 16340633 | 104.6E6  | 11.208  | 9.757m  |
| 9)                          | A Endosulfan I  | 5.503 | 6.453 | 14330669 | 85012391 | 10.508  | 8.810   |
| 10)                         | B gamma-Chl...  | 5.390 | 6.325 | 16397807 | 92523597 | 11.015  | 8.750m  |
| 11)                         | B alpha-Chl...  | 5.449 | 6.400 | 16069659 | 89660487 | 10.936  | 8.699m  |
| 12)                         | B 4,4'-DDE      | 5.614 | 6.551 | 14162498 | 81807665 | 10.383m | 8.368   |
| 13)                         | MA Dieldrin     | 5.747 | 6.711 | 15121025 | 87127557 | 10.283  | 8.455   |
| 14)                         | MA Endrin       | 6.005 | 6.929 | 14792577 | 53941551 | 11.975  | 7.014 # |
| 15)                         | B Endosulfa...  | 6.278 | 7.137 | 12829230 | 73103288 | 10.083  | 8.896   |
| 16)                         | A 4,4'-DDD      | 6.132 | 7.042 | 11644381 | 61484137 | 9.819   | 7.812   |
| 17)                         | MA 4,4'-DDT     | 6.373 | 7.345 | 11739562 | 64738288 | 10.645  | 9.150   |
| 18)                         | B Endrin al...  | 6.447 | 7.260 | 9711960  | 46165930 | 10.597m | 7.672 # |
| 19)                         | B Endosulfa...  | 6.662 | 7.485 | 12863106 | 59206894 | 10.207  | 7.610 # |
| 20)                         | A Methoxychlor  | 6.924 | 7.796 | 6753074  | 44447343 | 10.407  | 12.793m |
| 21)                         | B Endrin ke...  | 7.152 | 7.958 | 15963889 | 72726036 | 10.843m | 8.663m  |
| 22)                         | Mirex           | 7.339 | 8.424 | 12673621 | 61514362 | 9.999   | 9.618m  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030422\  
Data File : PD068325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2022 18:33  
Operator : AR\AJ  
Sample : PB143076BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

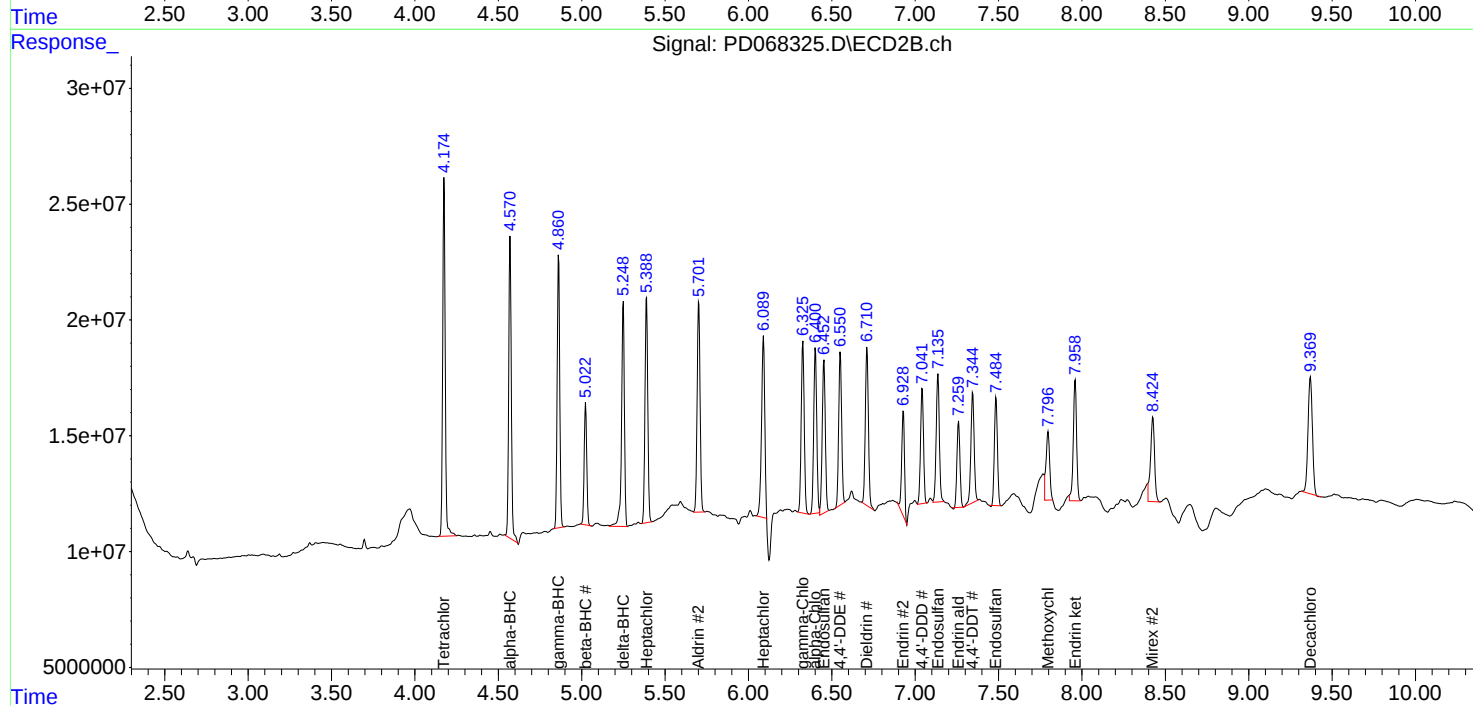
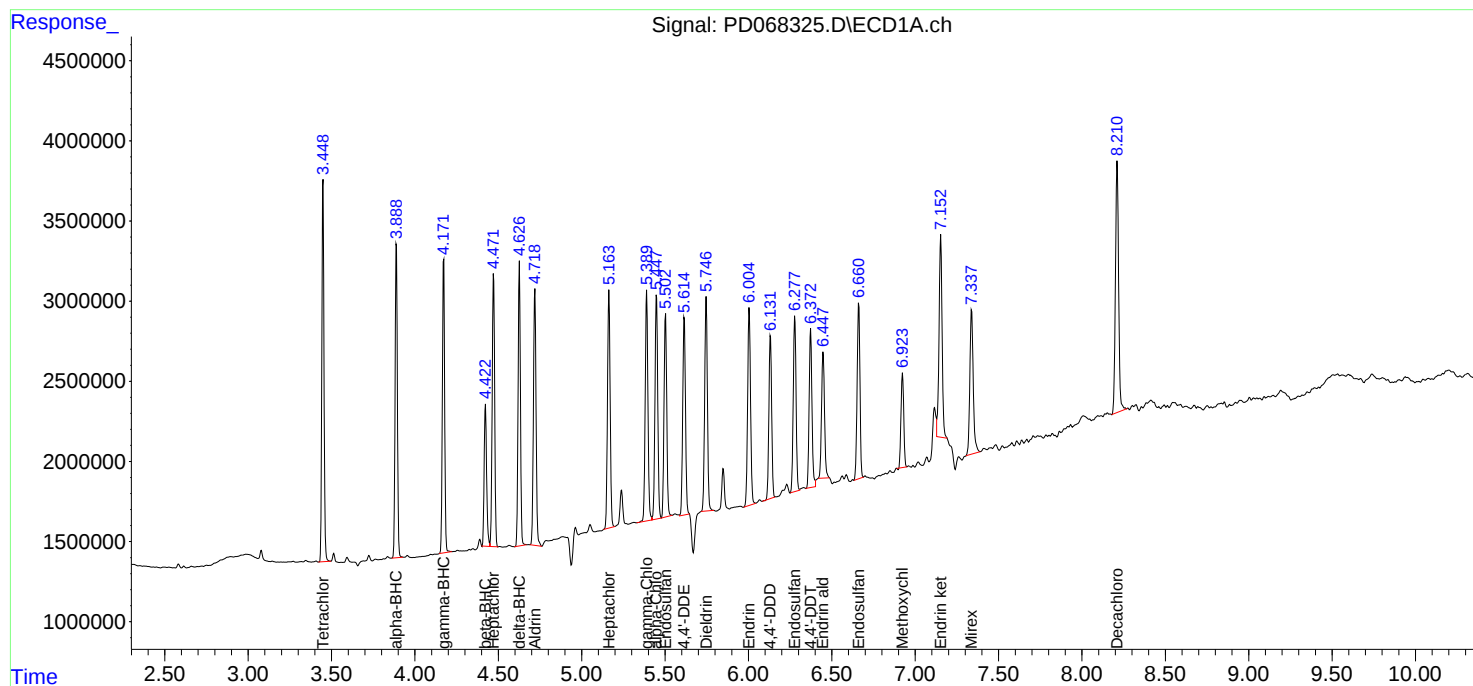
Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

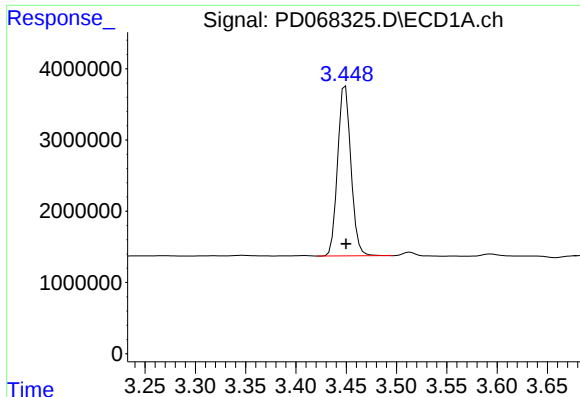
Manual Integrations  
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Reviewed By :Abdul Mirza 03/07/2022  
Supervised By :Ankita Jodhani 03/07/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:12:23 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 01 06:48:49 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





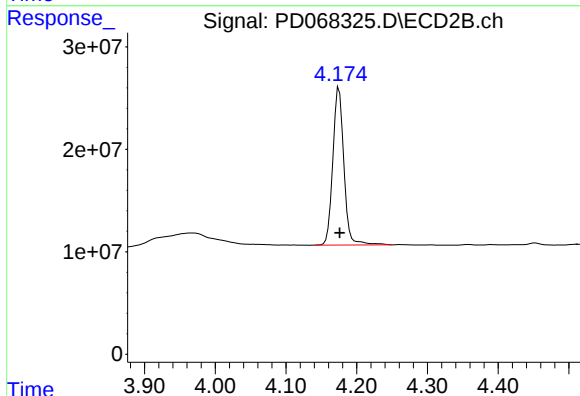
#1 Tetrachloro-m-xylene

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 21930534  
Conc: 18.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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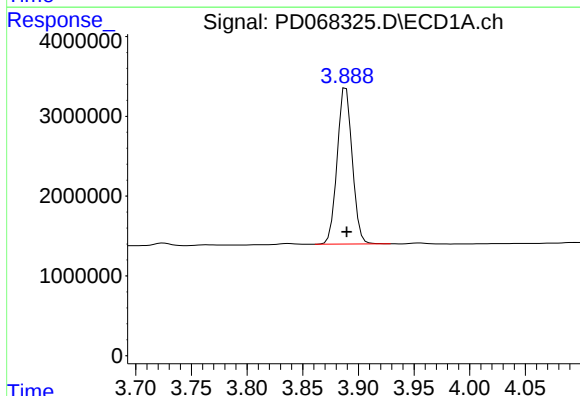
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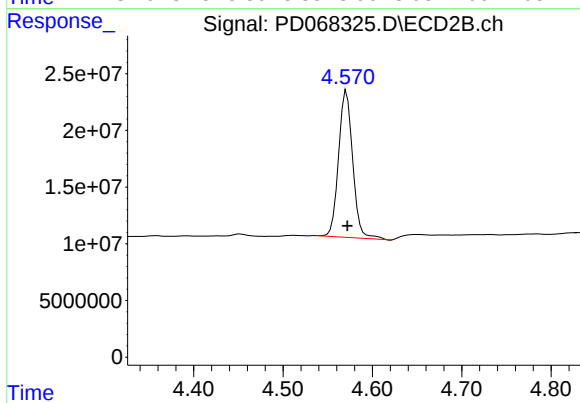
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 166782350  
Conc: 17.38 ng/ml



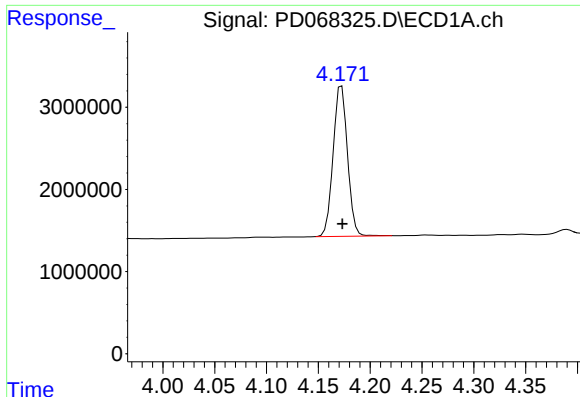
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 18458466  
Conc: 10.76 ng/ml



#2 alpha-BHC

R.T.: 4.571 min  
Delta R.T.: -0.001 min  
Response: 141411776  
Conc: 10.31 ng/ml



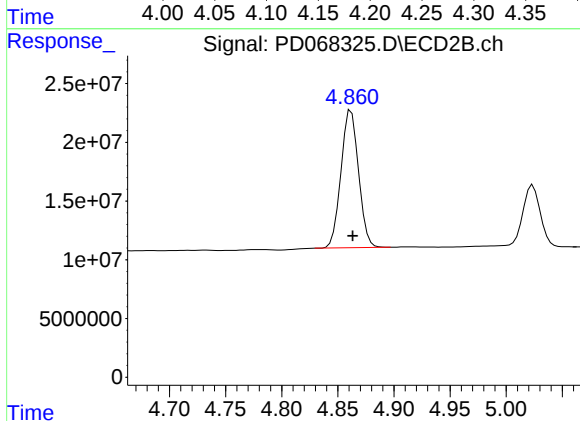
#3 gamma-BHC (Lindane)

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 17675398  
Conc: 11.10 ng/ml

Instrument :  
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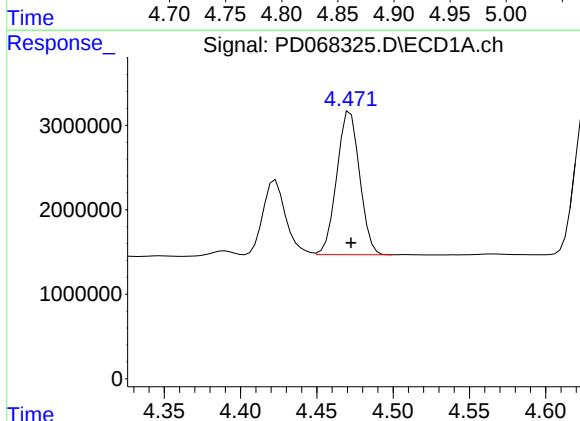
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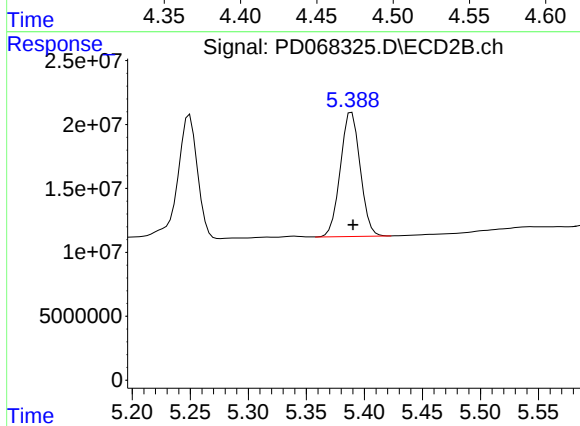
#3 gamma-BHC (Lindane)

R.T.: 4.862 min  
Delta R.T.: -0.001 min  
Response: 127414008  
Conc: 10.28 ng/ml



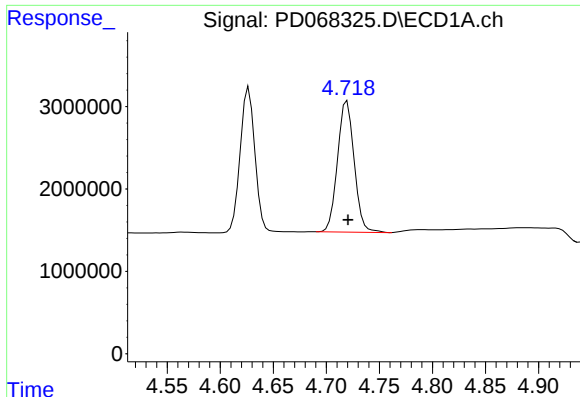
#4 Heptachlor

R.T.: 4.472 min  
Delta R.T.: 0.000 min  
Response: 17644949  
Conc: 11.69 ng/ml



#4 Heptachlor

R.T.: 5.389 min  
Delta R.T.: -0.001 min  
Response: 115424451  
Conc: 10.19 ng/ml



#5 Aldrin

R.T.: 4.720 min  
Delta R.T.: 0.000 min  
Response: 17390724  
Conc: 11.10 ng/ml

Instrument :

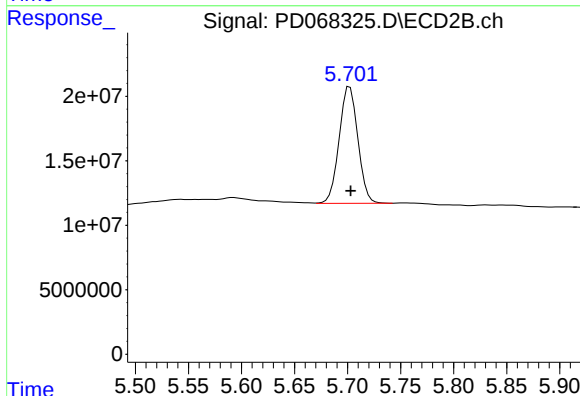
ECD\_D

ClientSampleId :

PB143076BS

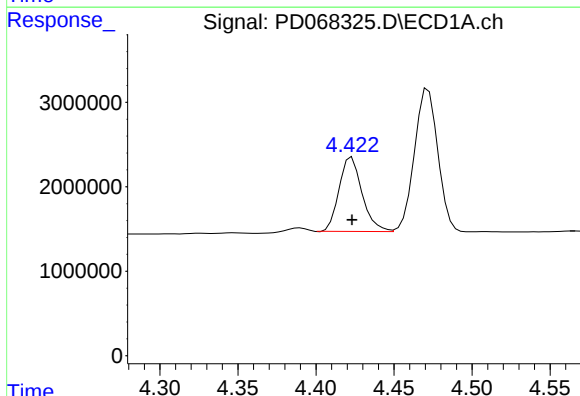
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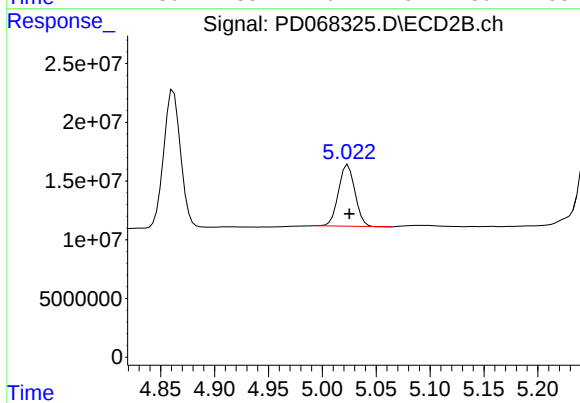
#5 Aldrin

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 110965142  
Conc: 9.39 ng/ml



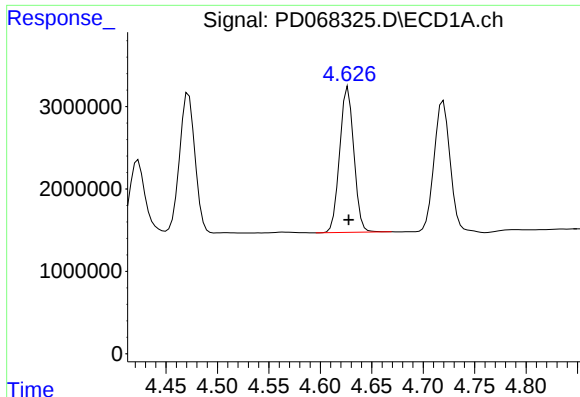
#6 beta-BHC

R.T.: 4.423 min  
Delta R.T.: 0.000 min  
Response: 9046872  
Conc: 12.89 ng/ml



#6 beta-BHC

R.T.: 5.024 min  
Delta R.T.: -0.001 min  
Response: 55602965  
Conc: 10.29 ng/ml



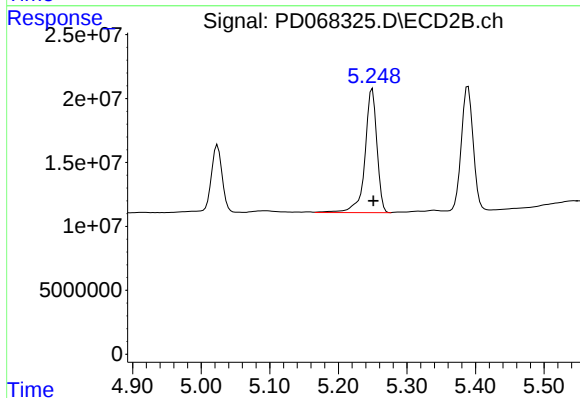
#7 delta-BHC

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 16941785  
Conc: 10.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

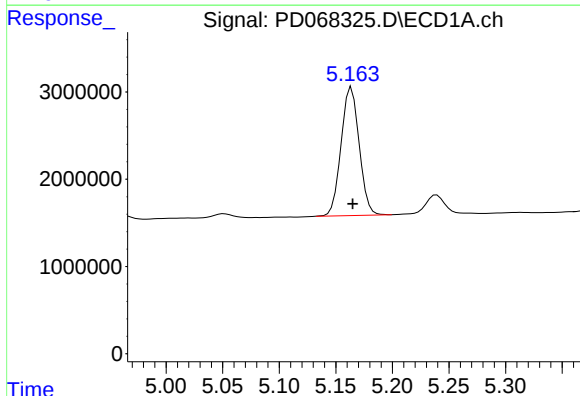
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Supervised By :Ankita Jodhani 03/07/2022



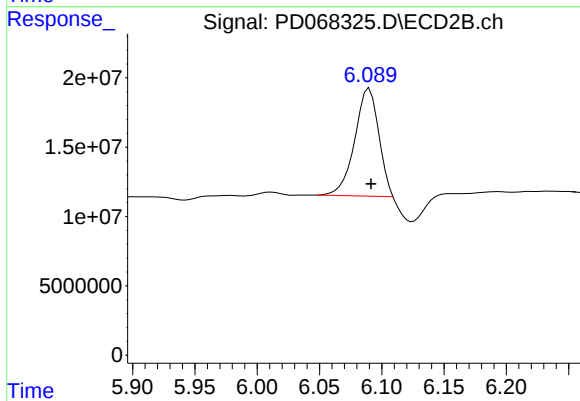
#7 delta-BHC

R.T.: 5.249 min  
Delta R.T.: -0.002 min  
Response: 117512950  
Conc: 9.45 ng/ml



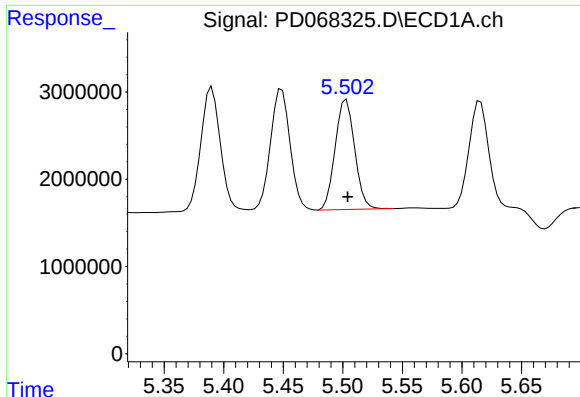
#8 Heptachlor epoxide

R.T.: 5.164 min  
Delta R.T.: -0.001 min  
Response: 16340633  
Conc: 11.21 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min  
Delta R.T.: -0.003 min  
Response: 104567179  
Conc: 9.76 ng/ml m



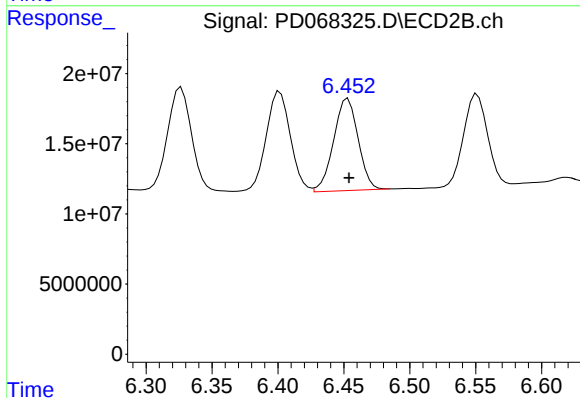
#9 Endosulfan I

R.T.: 5.503 min  
Delta R.T.: -0.001 min  
Response: 14330669  
Conc: 10.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

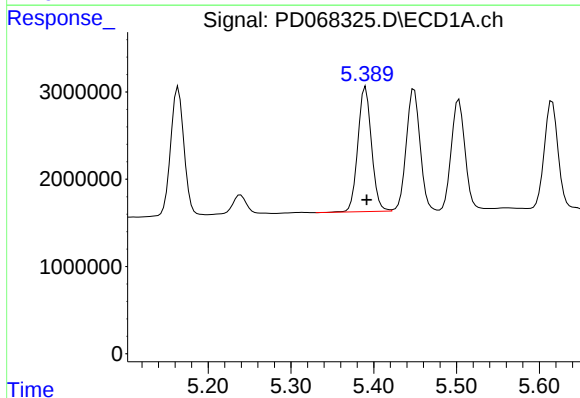
Manual Integrations  
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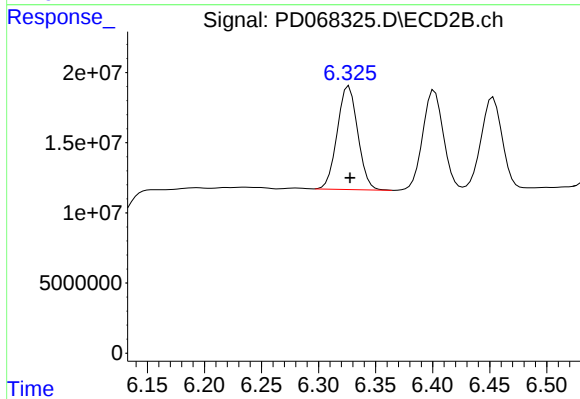
#9 Endosulfan I

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 85012391  
Conc: 8.81 ng/ml



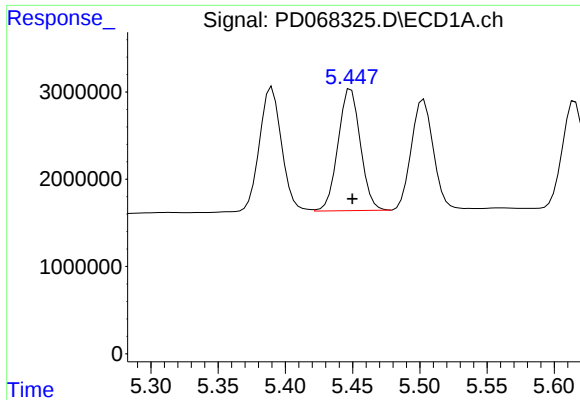
#10 gamma-Chlordane

R.T.: 5.390 min  
Delta R.T.: -0.001 min  
Response: 16397807  
Conc: 11.02 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 92523597  
Conc: 8.75 ng/ml m



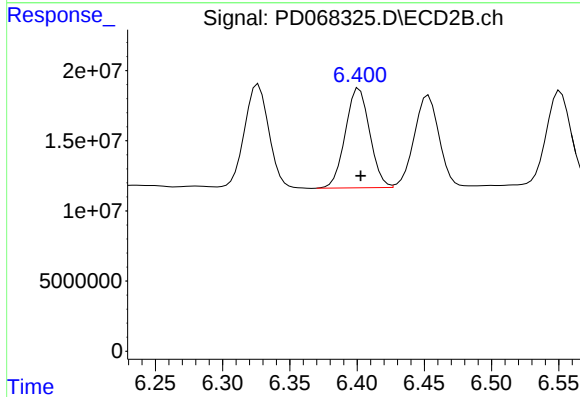
#11 alpha-Chlordane

R.T.: 5.449 min  
Delta R.T.: -0.001 min  
Response: 16069659  
Conc: 10.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

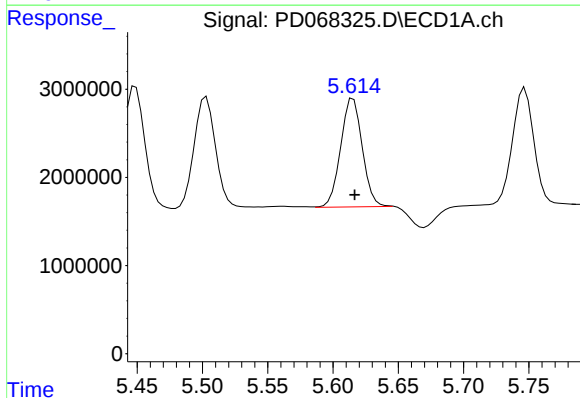
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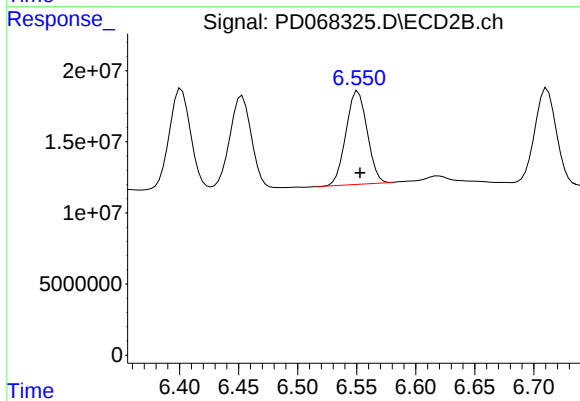
#11 alpha-Chlordane

R.T.: 6.400 min  
Delta R.T.: -0.003 min  
Response: 89660487  
Conc: 8.70 ng/ml m



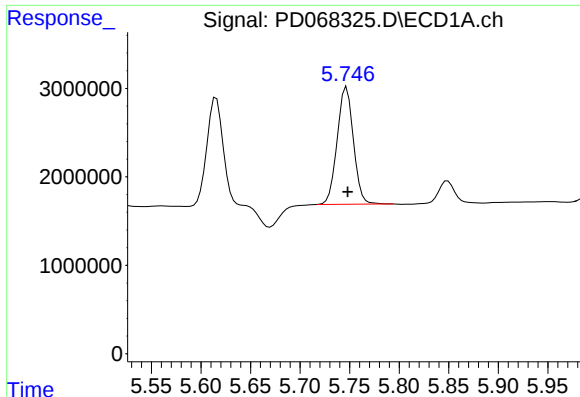
#12 4,4'-DDE

R.T.: 5.614 min  
Delta R.T.: -0.003 min  
Response: 14162498  
Conc: 10.38 ng/ml m



#12 4,4'-DDE

R.T.: 6.551 min  
Delta R.T.: -0.002 min  
Response: 81807665  
Conc: 8.37 ng/ml



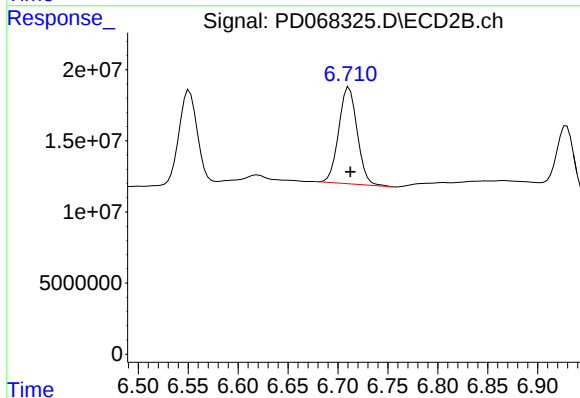
#13 Dieldrin

R.T.: 5.747 min  
Delta R.T.: -0.001 min  
Response: 15121025  
Conc: 10.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

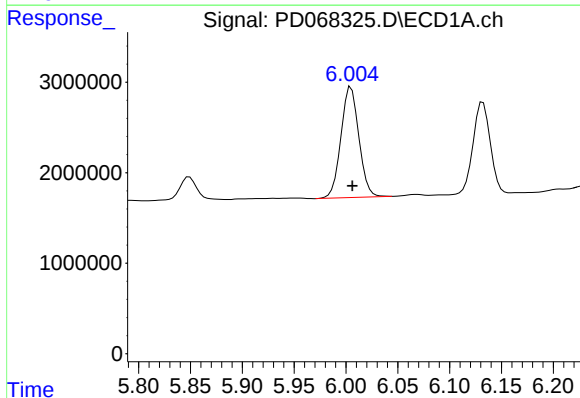
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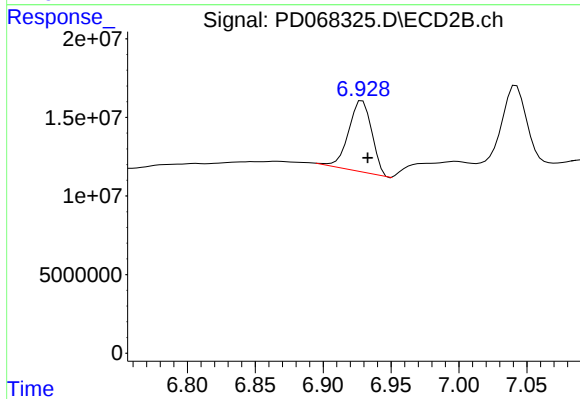
#13 Dieldrin

R.T.: 6.711 min  
Delta R.T.: -0.001 min  
Response: 87127557  
Conc: 8.45 ng/ml



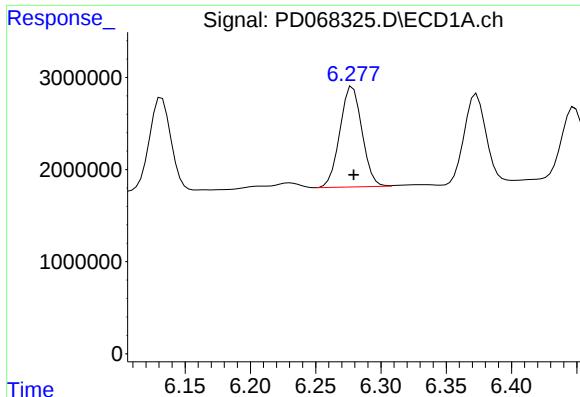
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.001 min  
Response: 14792577  
Conc: 11.97 ng/ml



#14 Endrin

R.T.: 6.929 min  
Delta R.T.: -0.004 min  
Response: 53941551  
Conc: 7.01 ng/ml



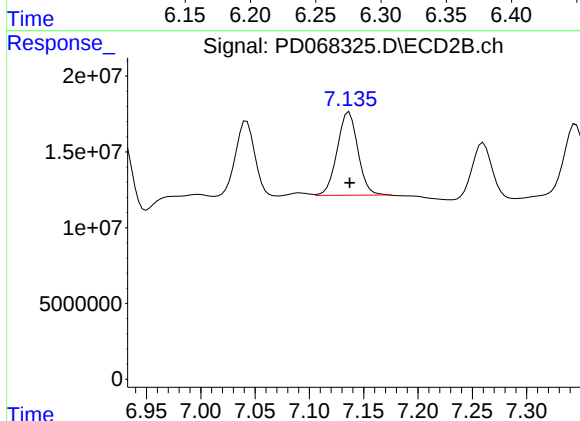
#15 Endosulfan II

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 12829230  
Conc: 10.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

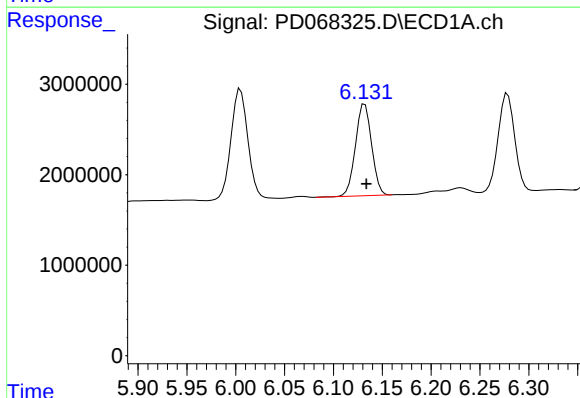
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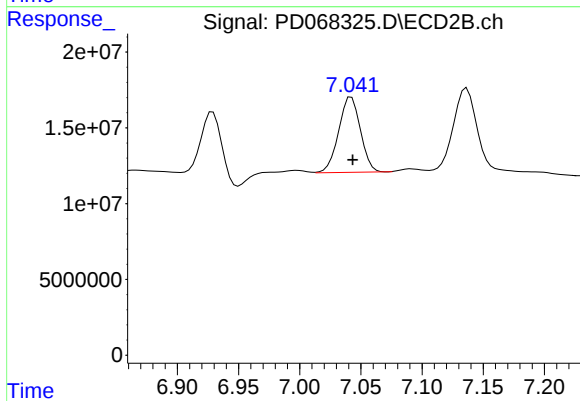
#15 Endosulfan II

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 73103288  
Conc: 8.90 ng/ml



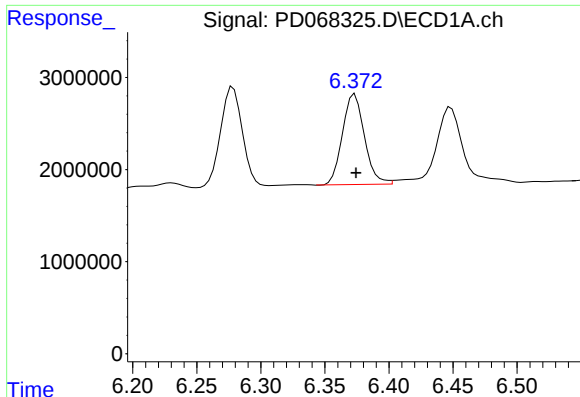
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 11644381  
Conc: 9.82 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min  
Delta R.T.: -0.001 min  
Response: 61484137  
Conc: 7.81 ng/ml



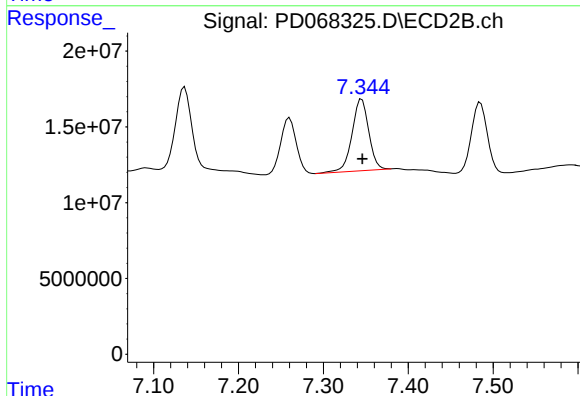
#17 4,4'-DDT

R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 11739562  
Conc: 10.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

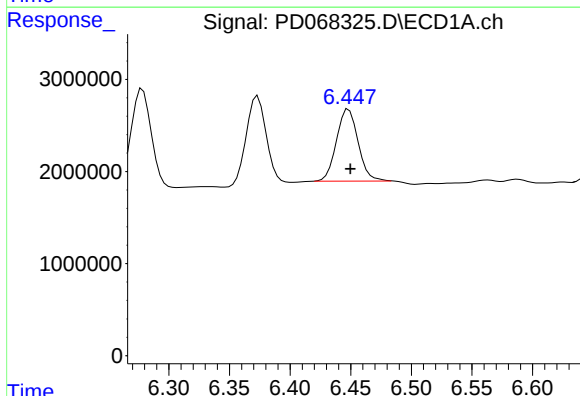
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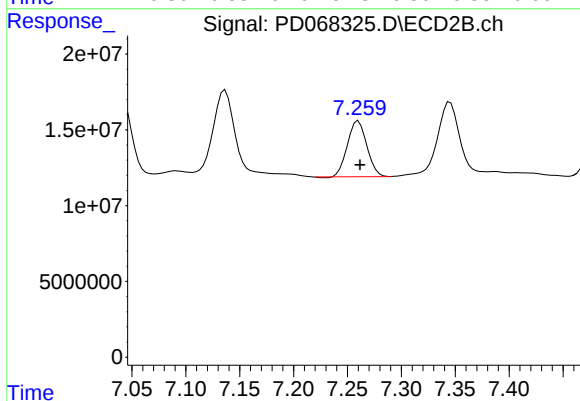
#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 64738288  
Conc: 9.15 ng/ml



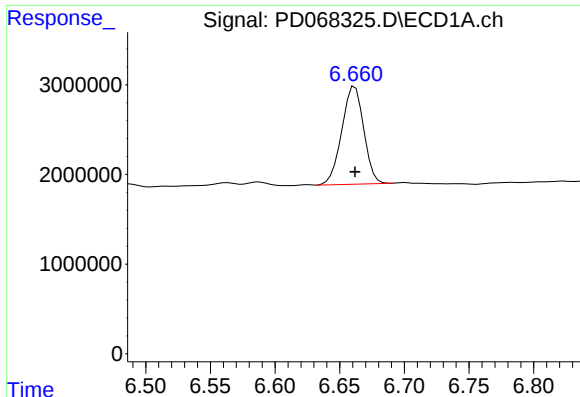
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 9711960  
Conc: 10.60 ng/ml m



#18 Endrin aldehyde

R.T.: 7.260 min  
Delta R.T.: -0.001 min  
Response: 46165930  
Conc: 7.67 ng/ml



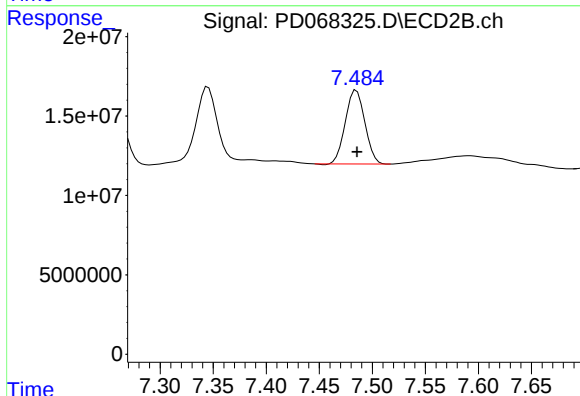
#19 Endosulfan Sulfate

R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 12863106  
Conc: 10.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

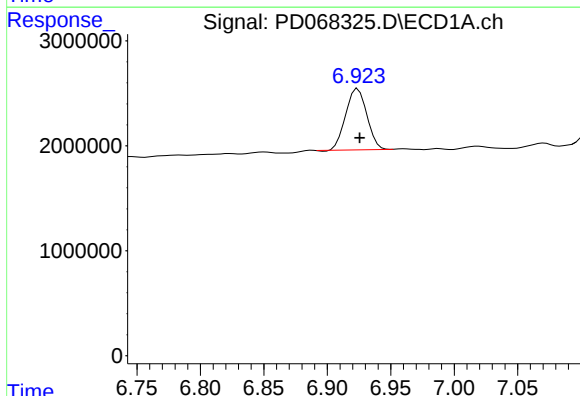
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Supervised By :Ankita Jodhani 03/07/2022



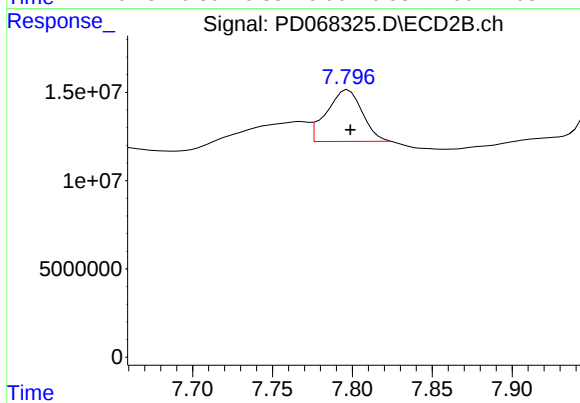
#19 Endosulfan Sulfate

R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 59206894  
Conc: 7.61 ng/ml



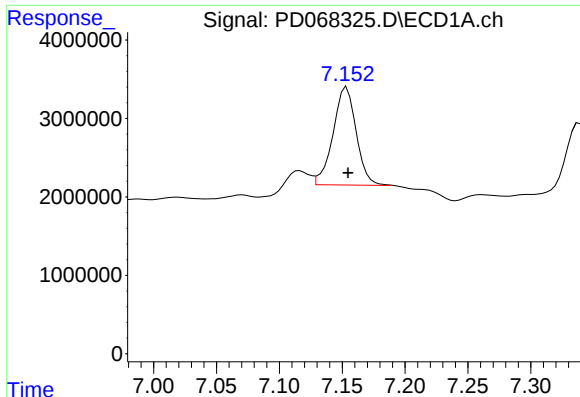
#20 Methoxychlor

R.T.: 6.924 min  
Delta R.T.: -0.001 min  
Response: 6753074  
Conc: 10.41 ng/ml



#20 Methoxychlor

R.T.: 7.796 min  
Delta R.T.: -0.003 min  
Response: 44447343  
Conc: 12.79 ng/ml m



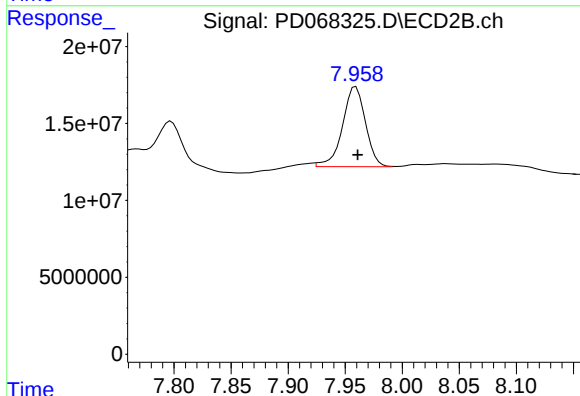
#21 Endrin ketone

R.T.: 7.152 min  
Delta R.T.: -0.003 min  
Response: 15963889  
Conc: 10.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

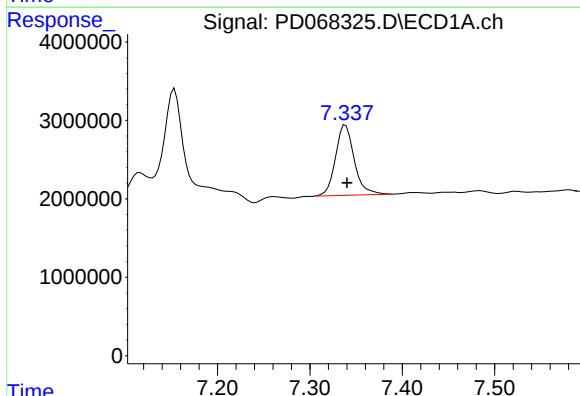
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/07/2022  
Supervised By :Ankita Jodhani 03/07/2022



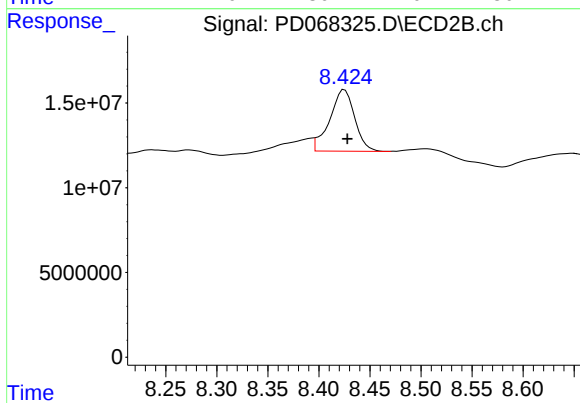
#21 Endrin ketone

R.T.: 7.958 min  
Delta R.T.: -0.003 min  
Response: 72726036  
Conc: 8.66 ng/ml m



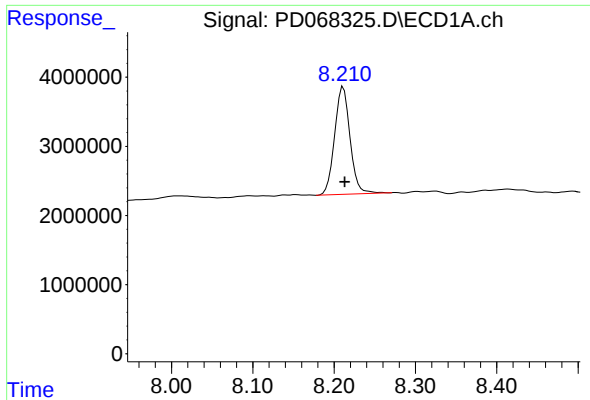
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.002 min  
Response: 12673621  
Conc: 10.00 ng/ml



#22 Mirex

R.T.: 8.424 min  
Delta R.T.: -0.004 min  
Response: 61514362  
Conc: 9.62 ng/ml m



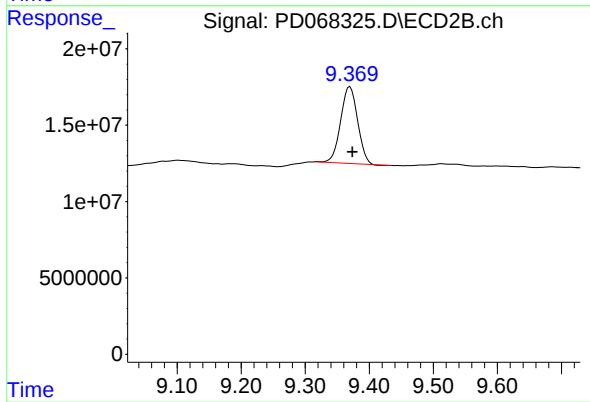
#28 Decachlorobiphenyl

R.T.: 8.211 min  
Delta R.T.: -0.001 min  
Response: 20548164  
Conc: 17.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143076BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/07/2022  
Supervised By :Ankita Jodhani 03/07/2022



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: -0.004 min  
Response: 92094579  
Conc: 15.53 ng/ml