

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072622\  
 Data File : PD071153.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jul 2022 20:32  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/26/2022  
 Supervised By : Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 03:32:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:32:02 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... | 2.816 | 3.574 | 13160242 | 147.7E6  | 4.640  | 5.249   |
| 2)                          | SA Decachlor... | 8.019 | 9.106 | 14381842 | 55291572 | 5.185  | 5.341   |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.326 | 4.040 | 18810954 | 203.5E6  | 4.486  | 5.534   |
| 3)                          | MA gamma-BHC... | 3.659 | 4.376 | 18557576 | 168.2E6  | 4.642m | 5.617   |
| 4)                          | MA Heptachlor   | 4.009 | 4.953 | 19862774 | 122.3E6  | 4.683  | 5.783m  |
| 5)                          | MB Aldrin       | 4.293 | 5.297 | 18733301 | 103.2E6  | 4.594  | 5.841 # |
| 6)                          | B beta-BHC      | 3.958 | 4.582 | 9577152  | 68551644 | 5.621m | 5.788   |
| 7)                          | B delta-BHC     | 4.194 | 4.829 | 17562137 | 108.6E6  | 4.474  | 5.465m  |
| 8)                          | B Heptachlo...  | 4.799 | 5.728 | 17768683 | 70251358 | 4.854m | 5.376   |
| 9)                          | A Endosulfan I  | 5.175 | 6.117 | 16486311 | 78849994 | 4.813  | 5.735   |
| 10)                         | B gamma-Chl...  | 5.054 | 5.984 | 18639593 | 83721749 | 4.905  | 5.701   |
| 11)                         | B alpha-Chl...  | 5.118 | 6.061 | 18134975 | 83733852 | 4.881  | 5.774   |
| 12)                         | B 4,4'-DDE      | 5.309 | 6.233 | 15592124 | 78480232 | 4.556  | 5.490   |
| 13)                         | MA Dieldrin     | 5.442 | 6.394 | 16688991 | 81469789 | 4.608  | 5.544   |
| 14)                         | MA Endrin       | 5.720 | 6.626 | 15222169 | 70793804 | 4.808  | 5.862   |
| 15)                         | B Endosulfa...  | 6.015 | 6.852 | 16719598 | 74762235 | 5.633  | 6.030   |
| 16)                         | A 4,4'-DDD      | 5.868 | 6.756 | 13555218 | 62234883 | 4.755  | 5.223m  |
| 17)                         | MA 4,4'-DDT     | 6.122 | 7.069 | 13270297 | 69339329 | 4.496  | 5.316   |
| 18)                         | B Endrin al...  | 6.196 | 6.983 | 11077373 | 53393208 | 5.024  | 5.511   |
| 19)                         | B Endosulfa...  | 6.421 | 7.216 | 14614447 | 65194466 | 5.082  | 5.466   |
| 20)                         | A Methoxychlor  | 6.703 | 7.544 | 8580980  | 39332218 | 5.202  | 5.727m  |
| 21)                         | B Endrin ke...  | 6.931 | 7.708 | 16890026 | 77628876 | 5.185  | 5.783   |
| 22)                         | Mirex           | 7.119 | 8.170 | 12538815 | 48422976 | 5.121  | 5.629   |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072622\  
Data File : PD071153.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jul 2022 20:32  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC005

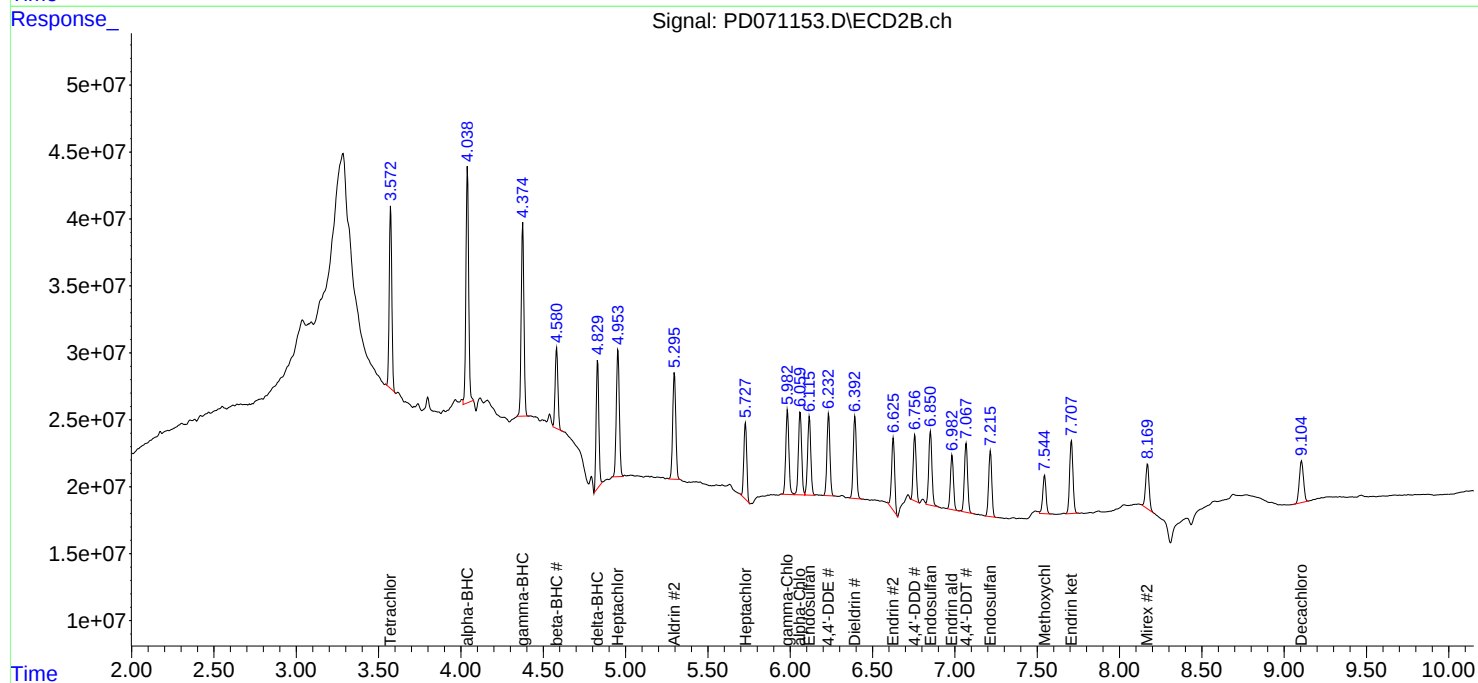
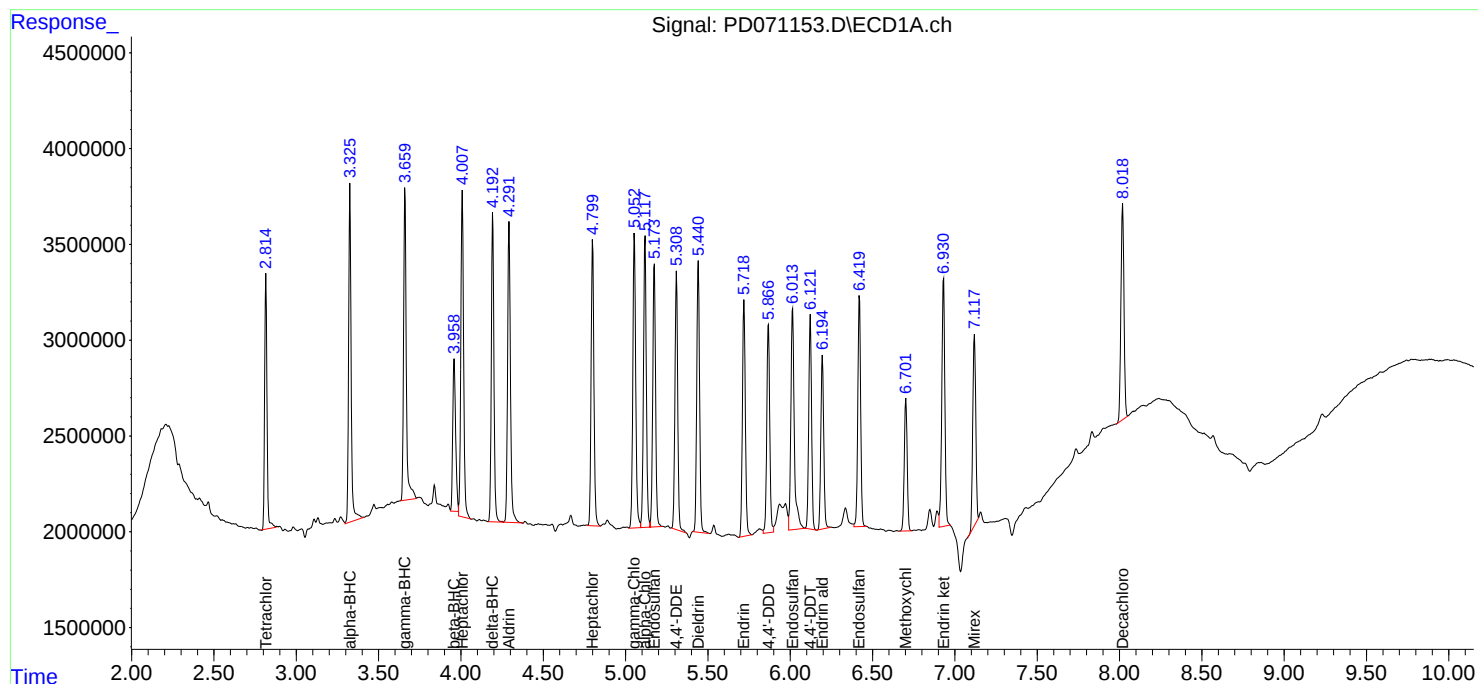
## Manual Integrations

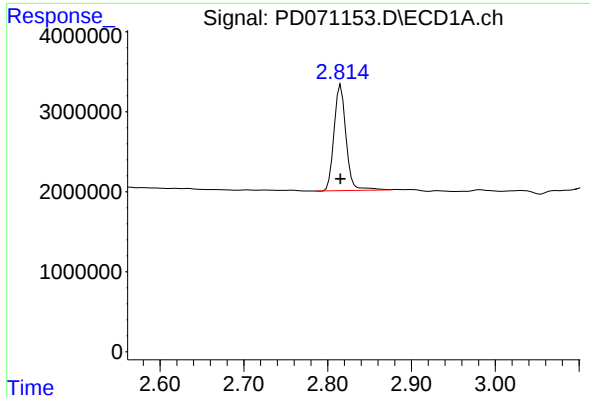
## APPROVED

Reviewed By :Abdul Mirza 07/26/2022  
Supervised By :Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 03:32:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 03:32:02 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





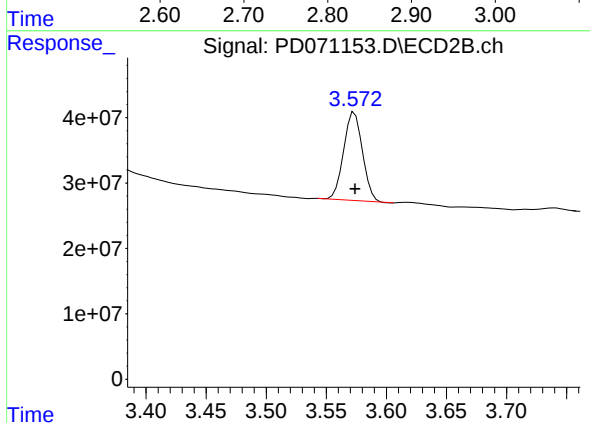
#1 Tetrachloro-m-xylene

R.T.: 2.816 min  
Delta R.T.: 0.000 min  
Response: 13160242  
Conc: 4.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

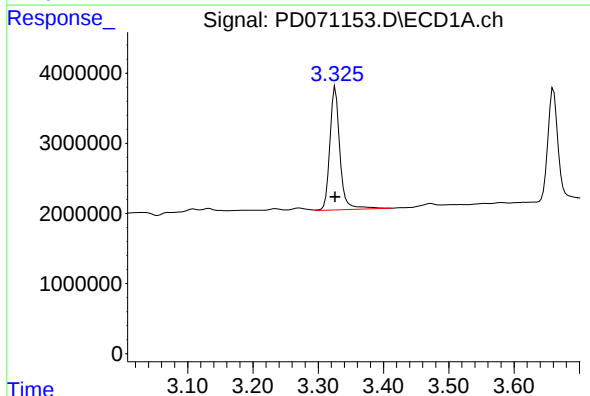
Manual Integrations  
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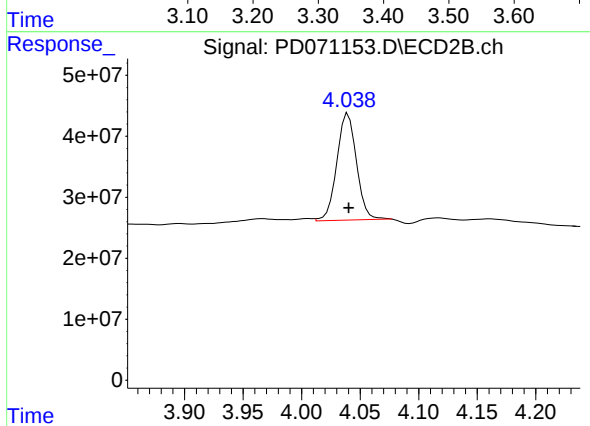
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 147749402  
Conc: 5.25 ng/ml



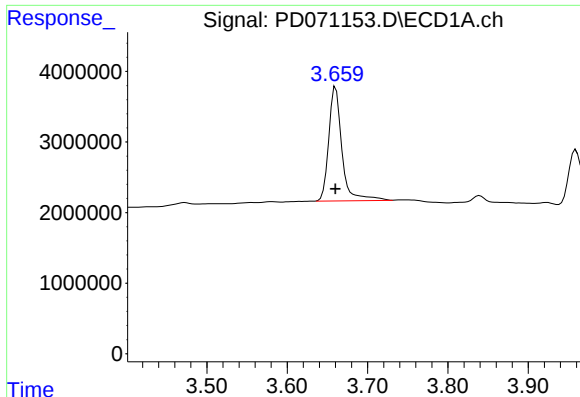
#2 alpha-BHC

R.T.: 3.326 min  
Delta R.T.: 0.000 min  
Response: 18810954  
Conc: 4.49 ng/ml



#2 alpha-BHC

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 203528562  
Conc: 5.53 ng/ml



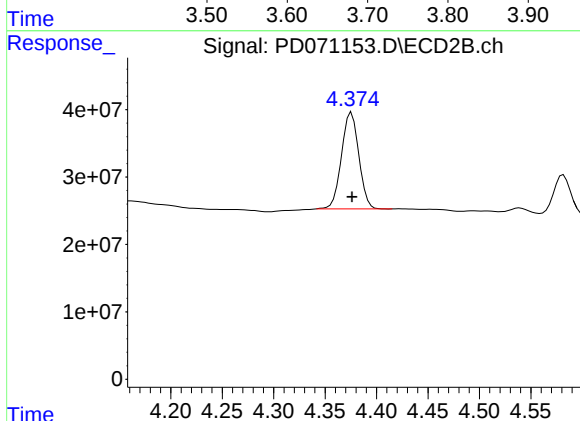
#3 gamma-BHC (Lindane)

R.T.: 3.659 min  
Delta R.T.: -0.001 min  
Response: 18557576  
Conc: 4.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

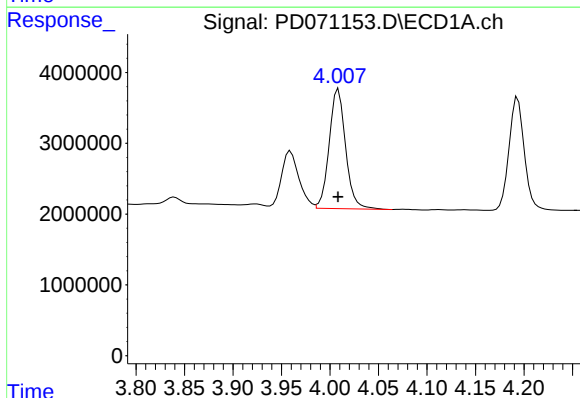
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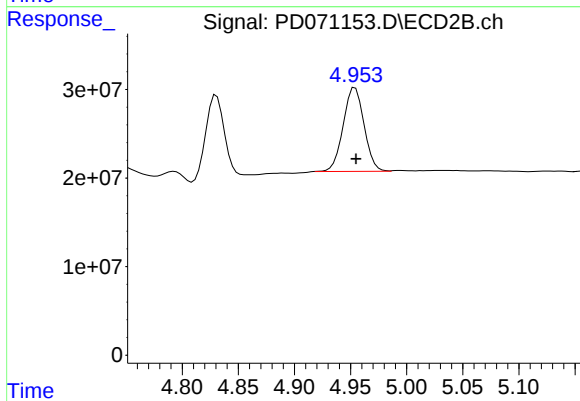
#3 gamma-BHC (Lindane)

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 168173849  
Conc: 5.62 ng/ml



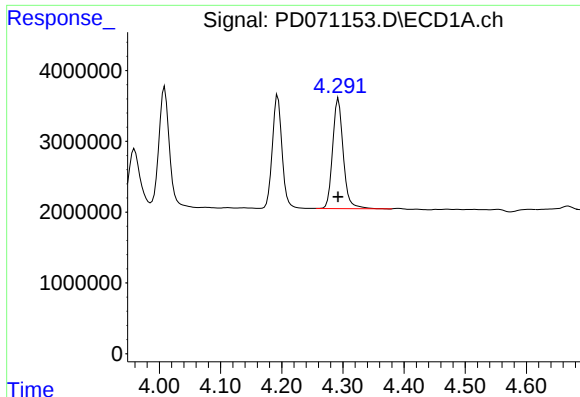
#4 Heptachlor

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 19862774  
Conc: 4.68 ng/ml



#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: -0.002 min  
Response: 122267974  
Conc: 5.78 ng/ml m



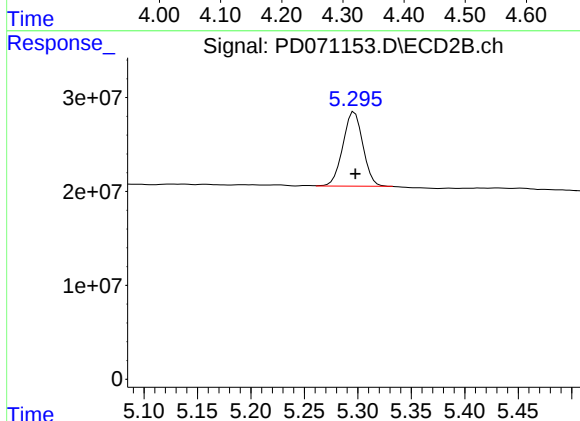
#5 Aldrin

R.T.: 4.293 min  
Delta R.T.: 0.000 min  
Response: 18733301  
Conc: 4.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

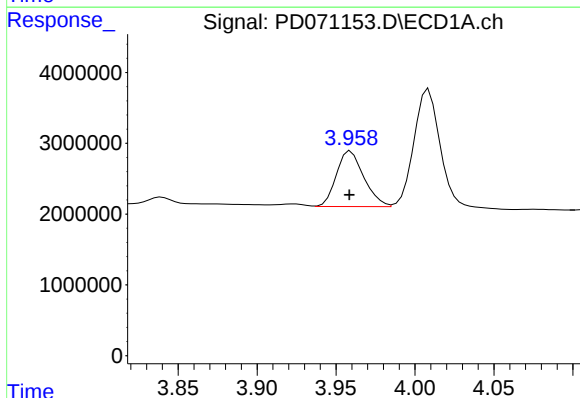
Manual Integrations  
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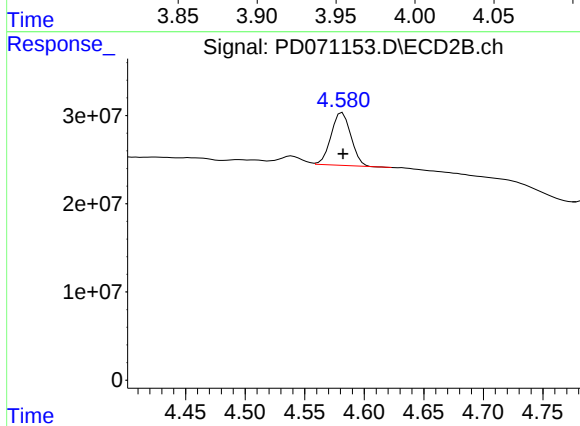
#5 Aldrin

R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 103161313  
Conc: 5.84 ng/ml



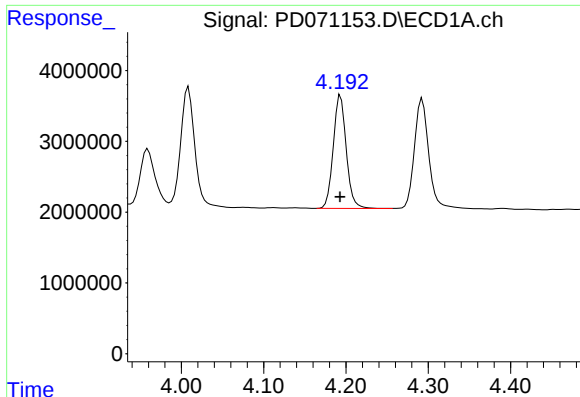
#6 beta-BHC

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 9577152  
Conc: 5.62 ng/ml m



#6 beta-BHC

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 68551644  
Conc: 5.79 ng/ml



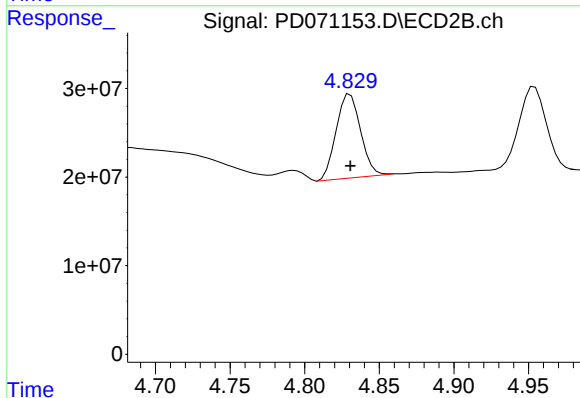
#7 delta-BHC

R.T.: 4.194 min  
Delta R.T.: 0.000 min  
Response: 17562137  
Conc: 4.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

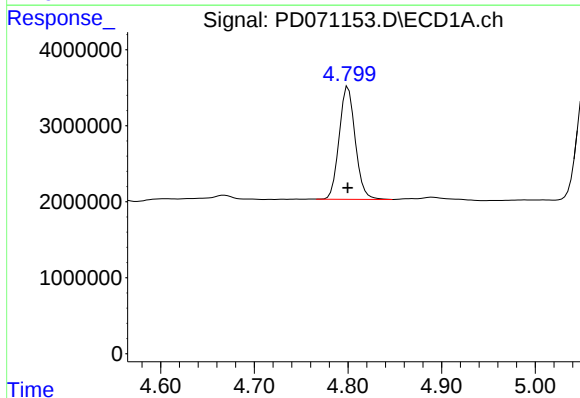
Manual Integrations  
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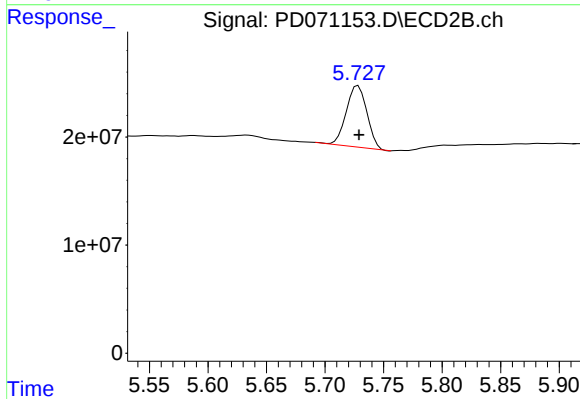
#7 delta-BHC

R.T.: 4.829 min  
Delta R.T.: -0.002 min  
Response: 108585270  
Conc: 5.46 ng/ml m



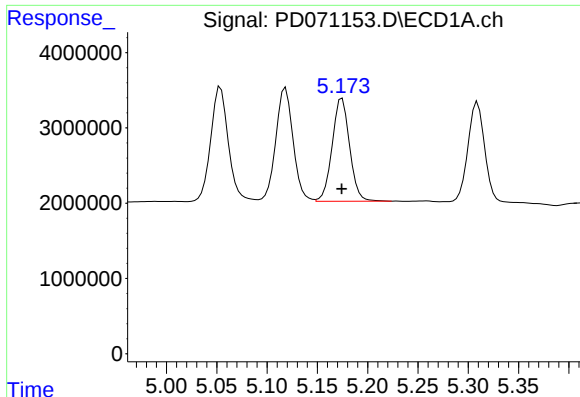
#8 Heptachlor epoxide

R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 17768683  
Conc: 4.85 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.728 min  
Delta R.T.: 0.000 min  
Response: 70251358  
Conc: 5.38 ng/ml



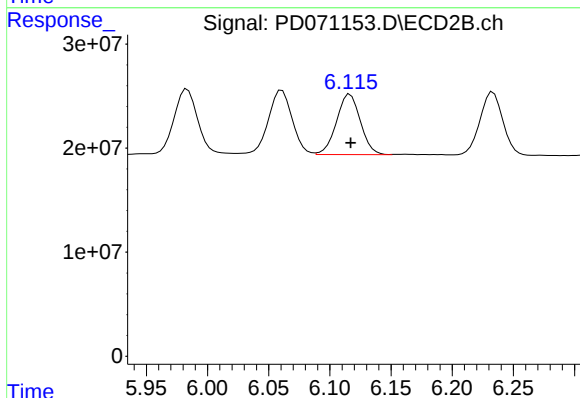
#9 Endosulfan I

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 16486311  
Conc: 4.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

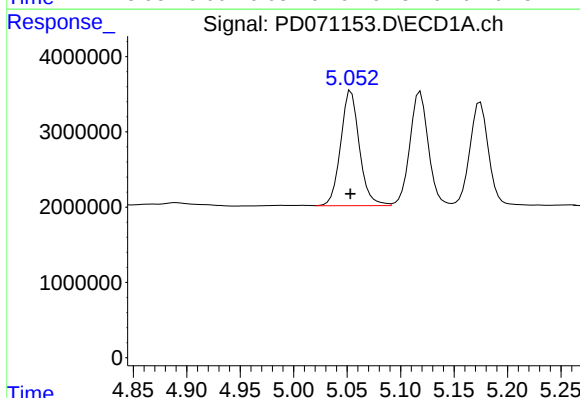
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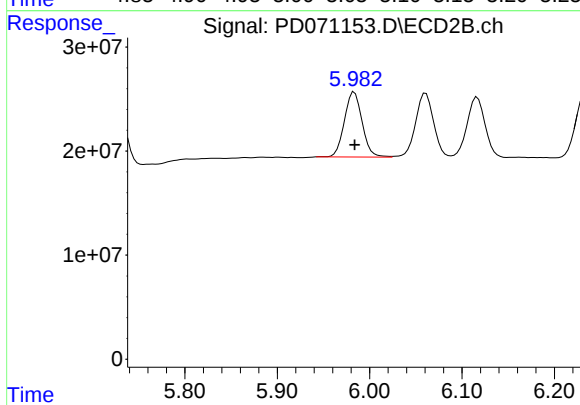
#9 Endosulfan I

R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 78849994  
Conc: 5.73 ng/ml



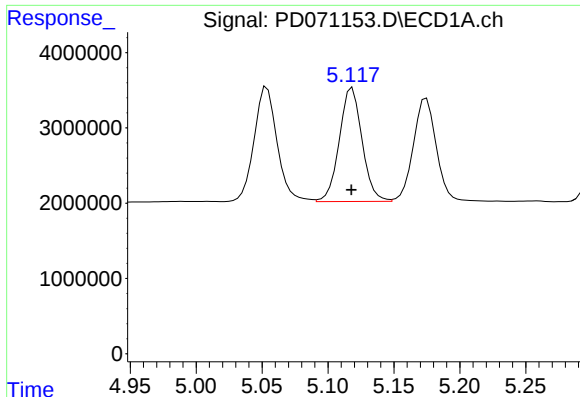
#10 gamma-Chlordane

R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 18639593  
Conc: 4.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.984 min  
Delta R.T.: 0.000 min  
Response: 83721749  
Conc: 5.70 ng/ml



#11 alpha-Chlordane

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 18134975  
Conc: 4.88 ng/ml

Instrument :

ECD\_D

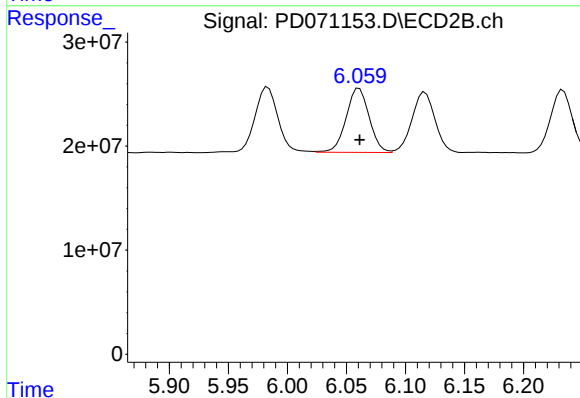
ClientSampleId :

PSTDICC005

Manual Integrations

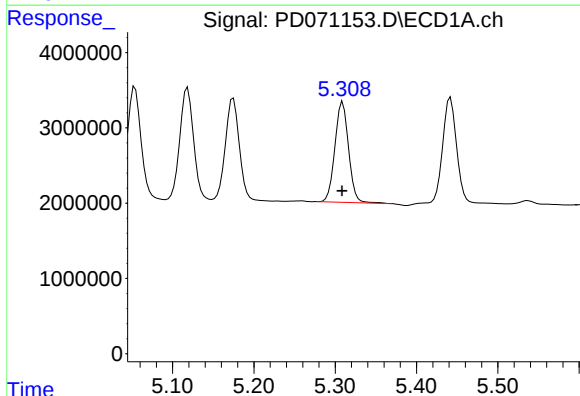
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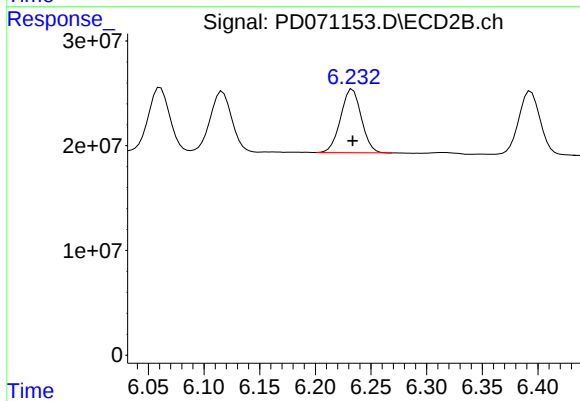
#11 alpha-Chlordane

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 83733852  
Conc: 5.77 ng/ml



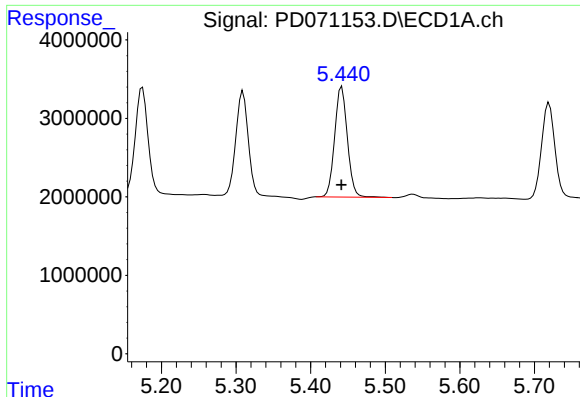
#12 4,4'-DDE

R.T.: 5.309 min  
Delta R.T.: 0.000 min  
Response: 15592124  
Conc: 4.56 ng/ml



#12 4,4'-DDE

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 78480232  
Conc: 5.49 ng/ml



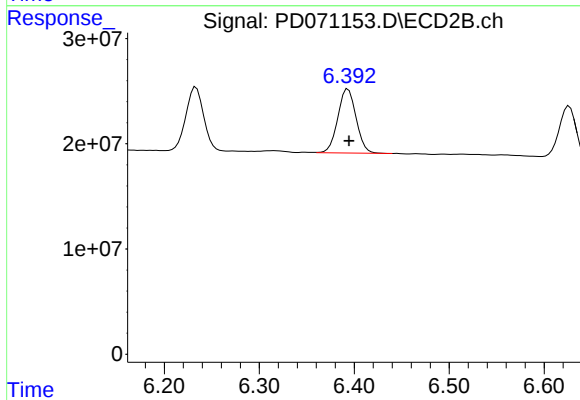
#13 Dieldrin

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 16688991  
Conc: 4.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

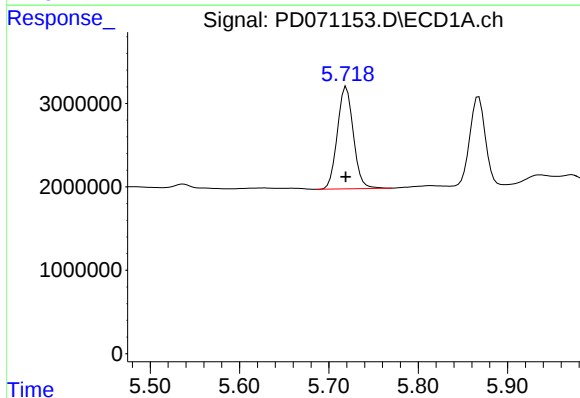
Manual Integrations  
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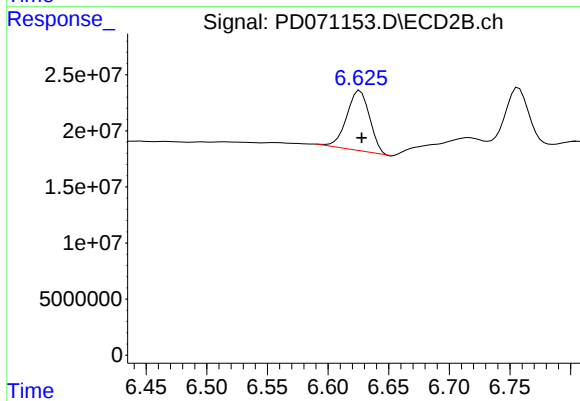
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.001 min  
Response: 81469789  
Conc: 5.54 ng/ml



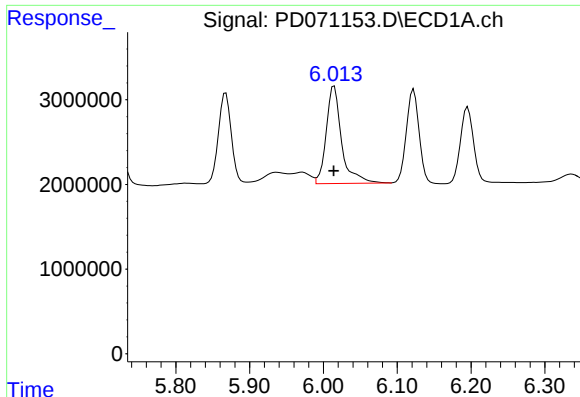
#14 Endrin

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 15222169  
Conc: 4.81 ng/ml



#14 Endrin

R.T.: 6.626 min  
Delta R.T.: -0.001 min  
Response: 70793804  
Conc: 5.86 ng/ml



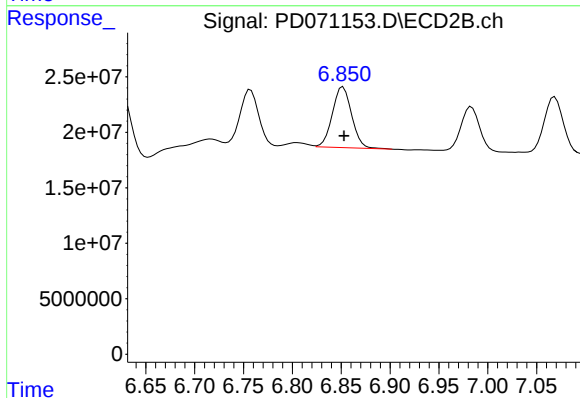
#15 Endosulfan II

R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 16719598  
Conc: 5.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

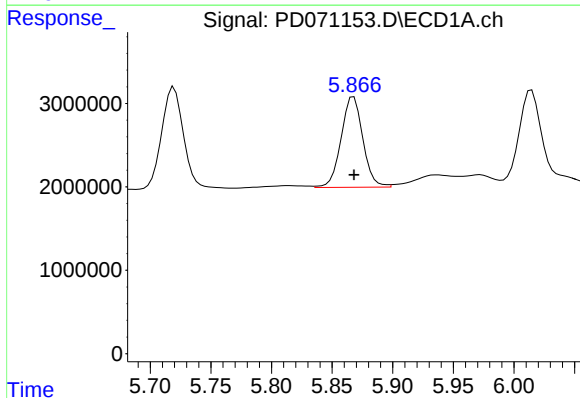
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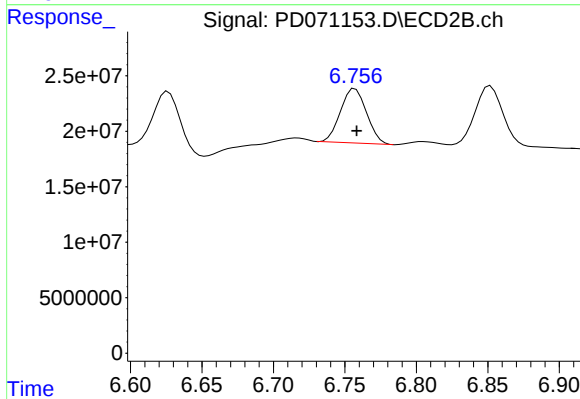
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: -0.001 min  
Response: 74762235  
Conc: 6.03 ng/ml



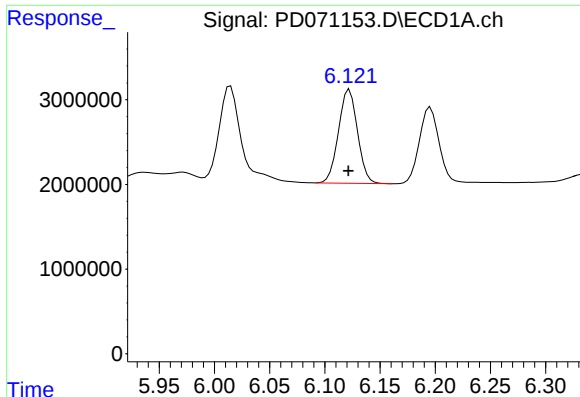
#16 4,4'-DDD

R.T.: 5.868 min  
Delta R.T.: 0.000 min  
Response: 13555218  
Conc: 4.76 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 62234883  
Conc: 5.22 ng/ml m



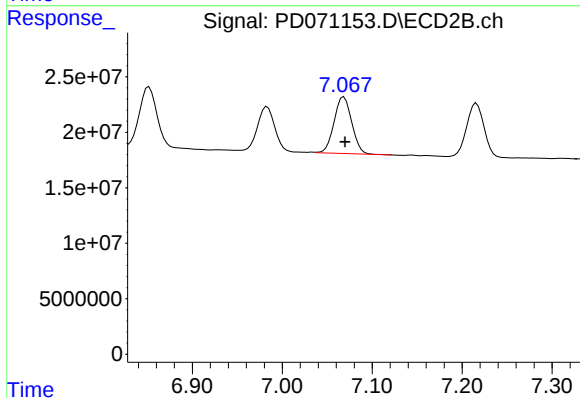
#17 4,4'-DDT

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 13270297  
Conc: 4.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

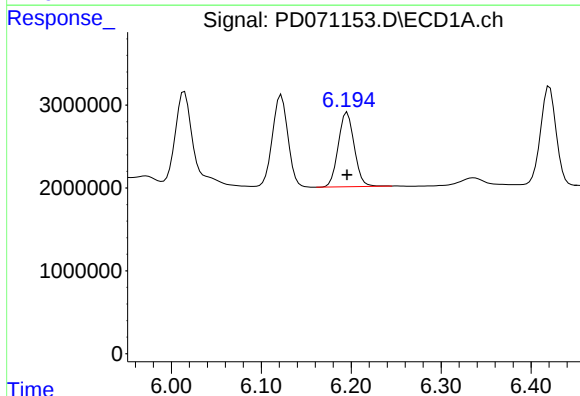
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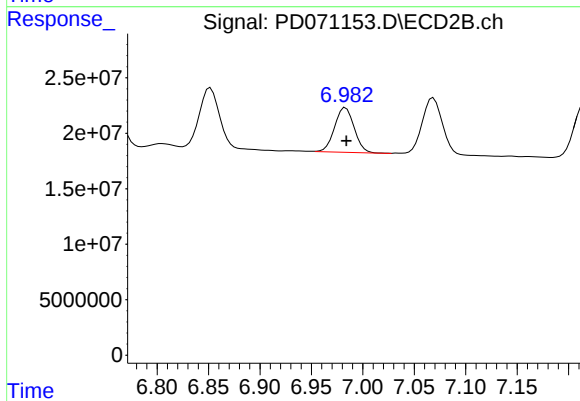
#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: -0.001 min  
Response: 69339329  
Conc: 5.32 ng/ml



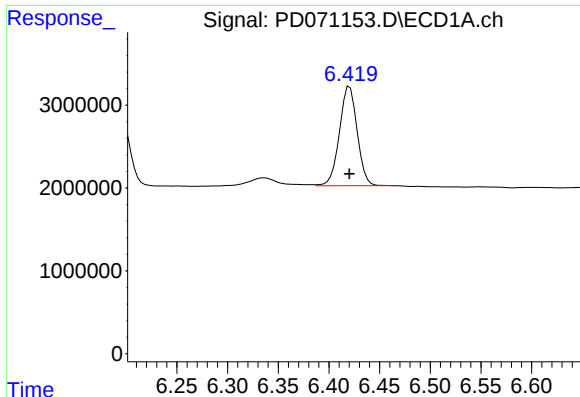
#18 Endrin aldehyde

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 11077373  
Conc: 5.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 53393208  
Conc: 5.51 ng/ml



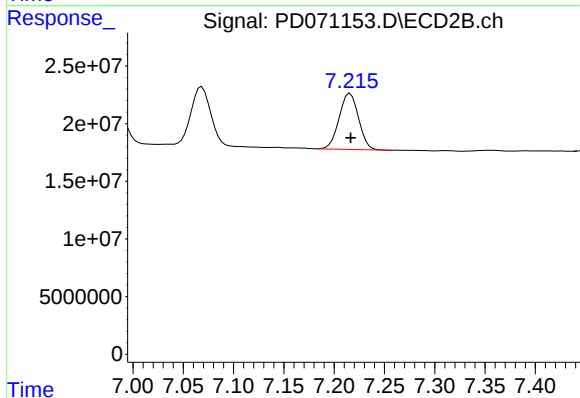
#19 Endosulfan Sulfate

R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 14614447  
Conc: 5.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

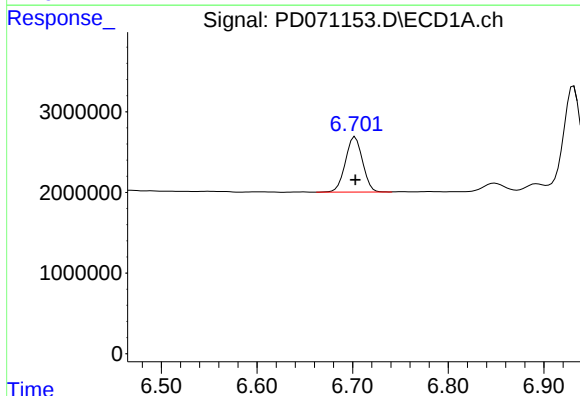
Manual Integrations  
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Reviewed By :Abdul Mirza 07/26/2022  
Supervised By :Ankita Jodhani 07/26/2022



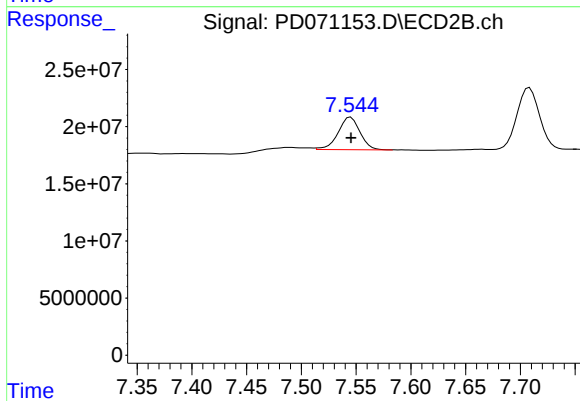
#19 Endosulfan Sulfate

R.T.: 7.216 min  
Delta R.T.: 0.000 min  
Response: 65194466  
Conc: 5.47 ng/ml



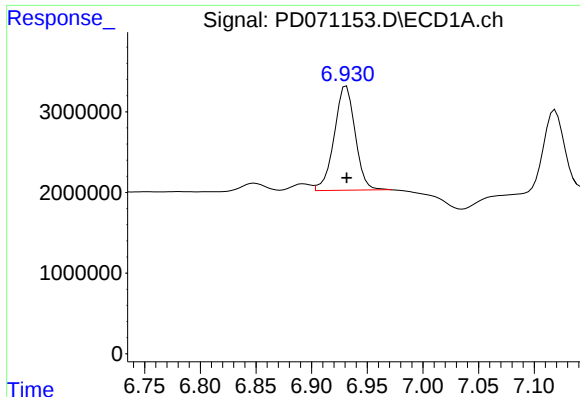
#20 Methoxychlor

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 8580980  
Conc: 5.20 ng/ml



#20 Methoxychlor

R.T.: 7.544 min  
Delta R.T.: -0.002 min  
Response: 39332218  
Conc: 5.73 ng/ml m



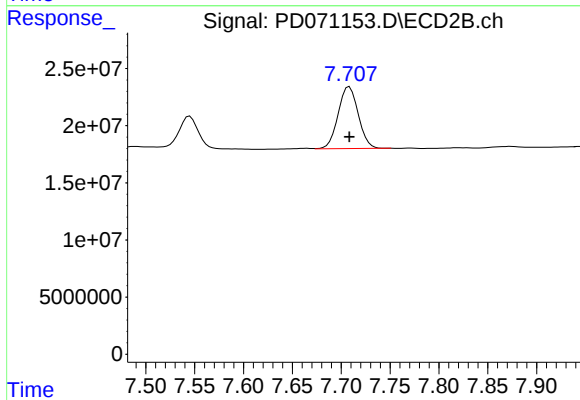
#21 Endrin ketone

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 16890026  
Conc: 5.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

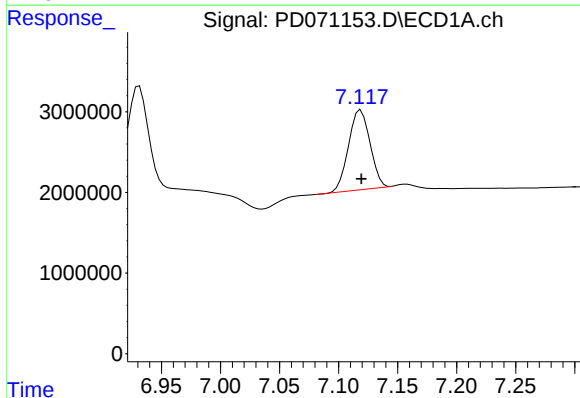
Manual Integrations  
APPROVED

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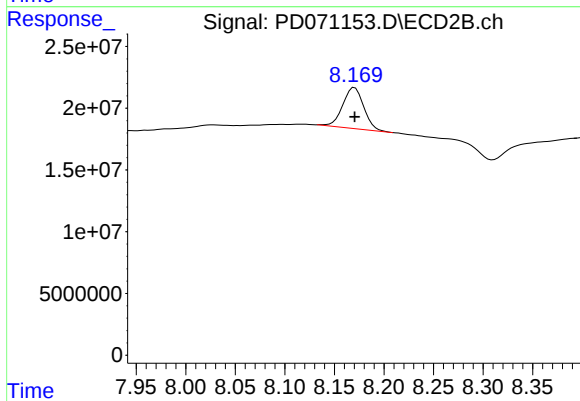
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 77628876  
Conc: 5.78 ng/ml



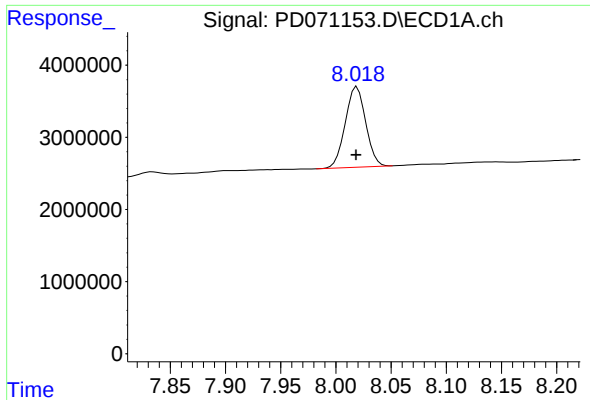
#22 Mirex

R.T.: 7.119 min  
Delta R.T.: 0.000 min  
Response: 12538815  
Conc: 5.12 ng/ml



#22 Mirex

R.T.: 8.170 min  
Delta R.T.: 0.000 min  
Response: 48422976  
Conc: 5.63 ng/ml



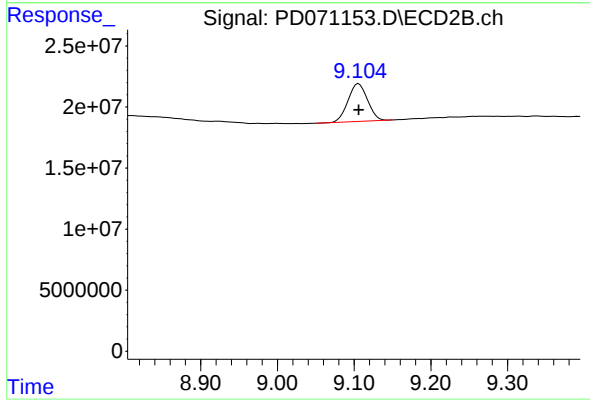
#28 Decachlorobiphenyl

R.T.: 8.019 min  
Delta R.T.: 0.000 min  
Response: 14381842  
Conc: 5.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.106 min  
Delta R.T.: 0.000 min  
Response: 55291572  
Conc: 5.34 ng/ml