

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060622\  
 Data File : PD070141.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2022 21:44  
 Operator : AR\AJ  
 Sample : PB145021BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB145021BS

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 07 06:30:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 06:00:04 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... | 3.440 | 4.169 | 21332366 | 205.3E6  | 19.649 | 21.036   |
| 28)                         | SA Decachlor... | 8.191 | 9.360 | 21476190 | 124.0E6  | 19.311 | 20.159   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.878 | 4.563 | 16106936 | 131.7E6  | 9.848  | 9.037m   |
| 3)                          | MA gamma-BHC... | 4.162 | 4.854 | 14078984 | 128.4E6  | 9.143  | 9.516m   |
| 4)                          | MA Heptachlor   | 4.459 | 5.381 | 14505364 | 137.7E6  | 9.380  | 10.520   |
| 5)                          | MB Aldrin       | 4.705 | 5.694 | 14599732 | 138.3E6  | 9.927  | 10.815   |
| 6)                          | B beta-BHC      | 4.412 | 5.019 | 7169548  | 60424320 | 9.966  | 9.925    |
| 7)                          | B delta-BHC     | 4.615 | 5.244 | 6375754  | 39200863 | 4.119  | 4.319    |
| 8)                          | B Heptachlo...  | 5.149 | 6.081 | 13818755 | 107.5E6  | 10.077 | 13.047m# |
| 9)                          | A Endosulfan I  | 5.487 | 6.444 | 12749970 | 109.6E6  | 9.741  | 10.354   |
| 10)                         | B gamma-Chl...  | 5.375 | 6.319 | 13999651 | 121.4E6  | 10.075 | 10.563   |
| 11)                         | B alpha-Chl...  | 5.433 | 6.393 | 13836608 | 117.5E6  | 9.993  | 10.396   |
| 12)                         | B 4,4'-DDE      | 5.599 | 6.544 | 12590792 | 110.2E6  | 10.068 | 10.509   |
| 13)                         | MA Dieldrin     | 5.731 | 6.703 | 13488199 | 115.2E6  | 10.015 | 10.539   |
| 14)                         | MA Endrin       | 5.989 | 6.923 | 12177361 | 85391795 | 10.112 | 10.173   |
| 15)                         | B Endosulfa...  | 6.262 | 7.129 | 12175085 | 94174102 | 10.784 | 11.139   |
| 16)                         | A 4,4'-DDD      | 6.116 | 7.035 | 10366647 | 87906668 | 9.545  | 10.452   |
| 17)                         | MA 4,4'-DDT     | 6.356 | 7.338 | 9421231  | 80499465 | 8.880  | 9.379    |
| 18)                         | B Endrin al...  | 6.433 | 7.251 | 9608085  | 73553162 | 10.382 | 10.718m  |
| 19)                         | B Endosulfa...  | 6.645 | 7.478 | 10367136 | 75561525 | 8.759  | 9.072    |
| 20)                         | A Methoxychlor  | 6.906 | 7.792 | 6326916  | 42590332 | 10.262 | 10.101   |
| 21)                         | B Endrin ke...  | 7.137 | 7.953 | 12648064 | 90424209 | 9.396  | 10.421   |
| 22)                         | Mirex           | 7.320 | 8.418 | 34125404 | 198.6E6  | 32.676 | 32.335   |
| -----                       |                 |       |       |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060622\  
Data File : PD070141.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2022 21:44  
Operator : AR\AJ  
Sample : PB145021BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

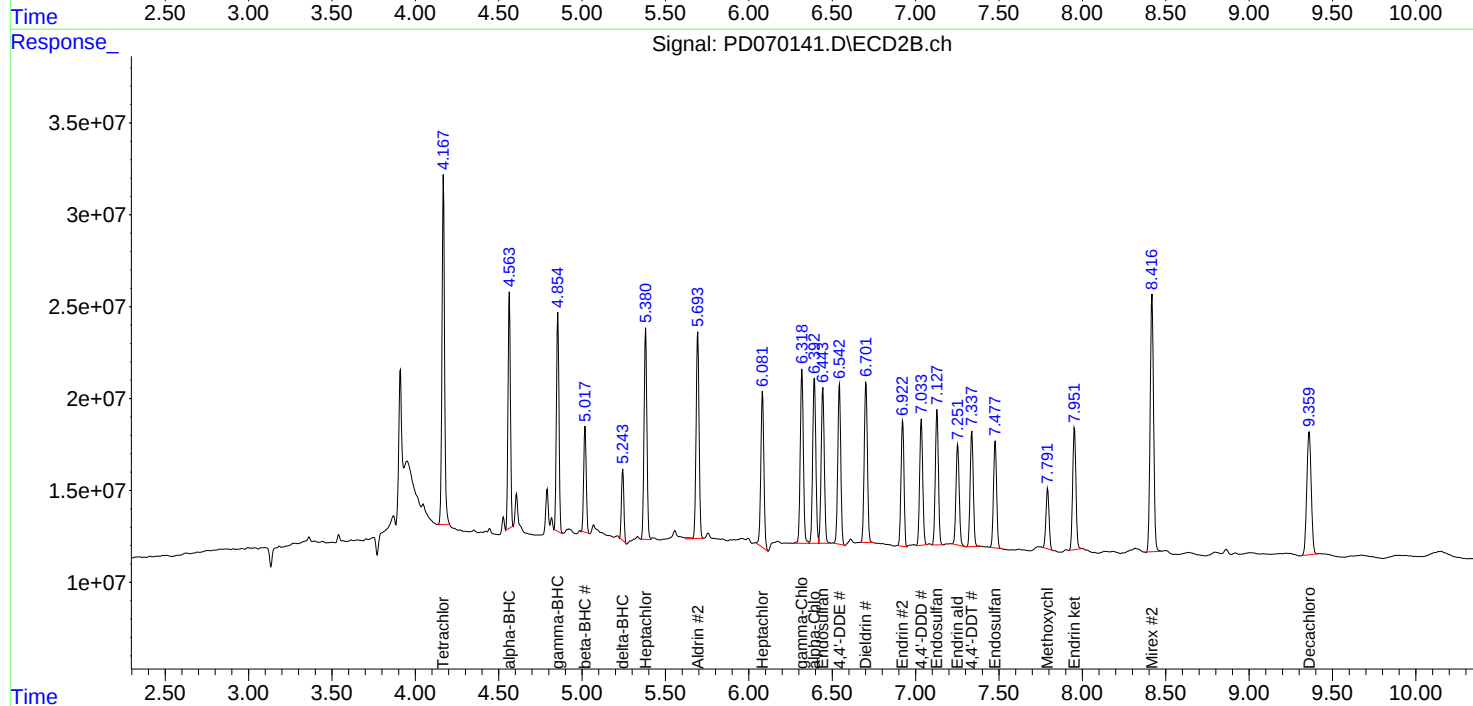
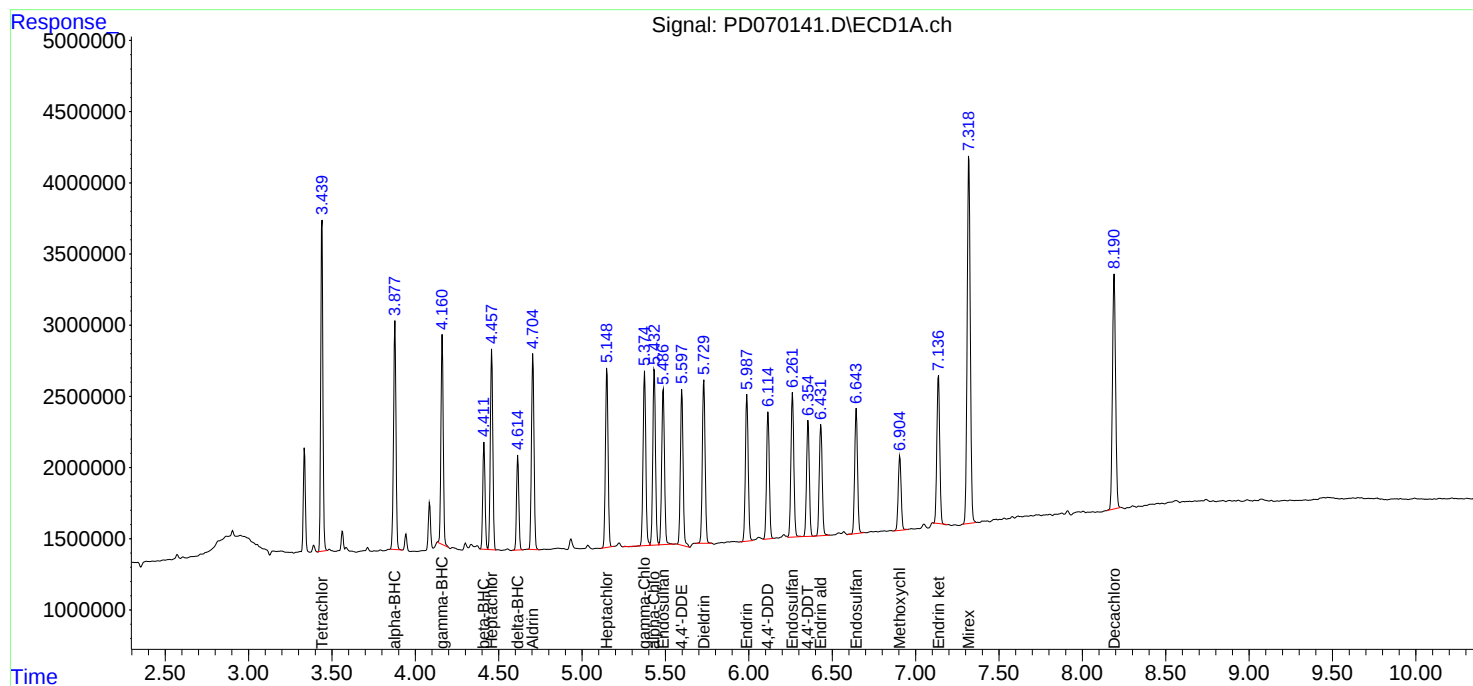
Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

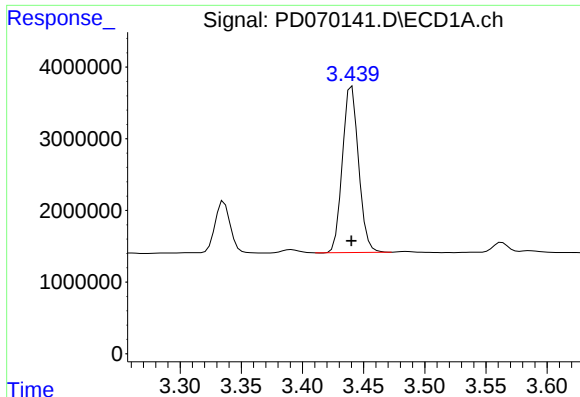
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 06:30:15 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 06:00:04 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





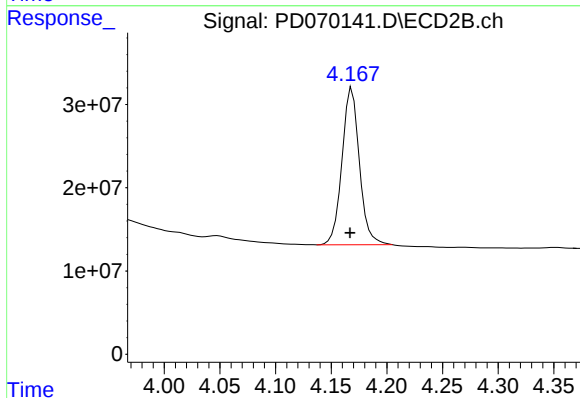
#1 Tetrachloro-m-xylene

R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 21332366  
Conc: 19.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

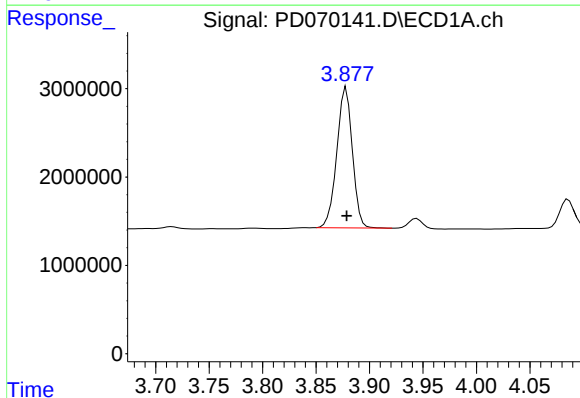
Manual Integrations  
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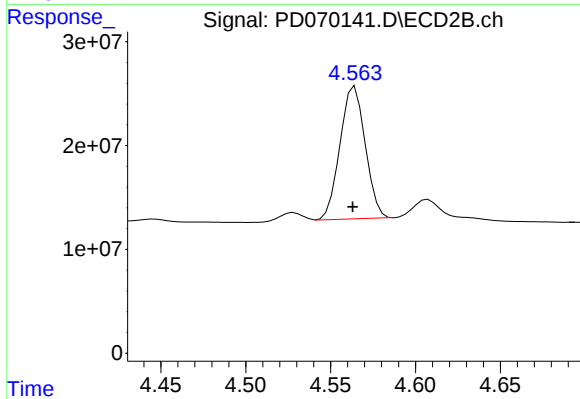
#1 Tetrachloro-m-xylene

R.T.: 4.169 min  
Delta R.T.: 0.002 min  
Response: 205340454  
Conc: 21.04 ng/ml



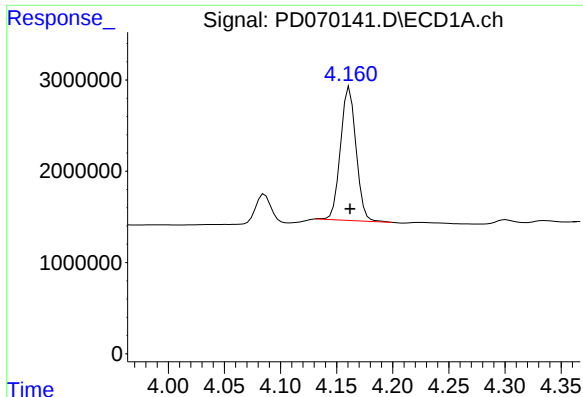
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: 0.000 min  
Response: 16106936  
Conc: 9.85 ng/ml



#2 alpha-BHC

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 131703099  
Conc: 9.04 ng/ml m



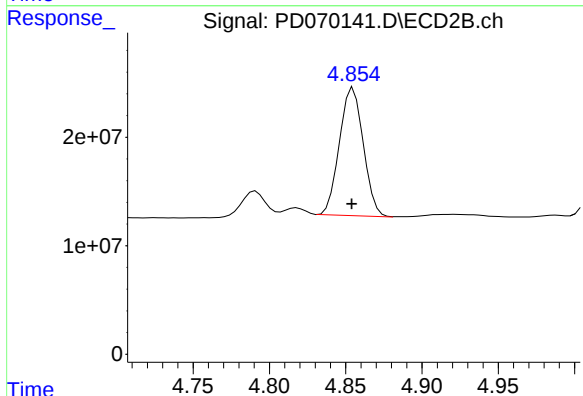
#3 gamma-BHC (Lindane)

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 14078984  
Conc: 9.14 ng/ml

Instrument :  
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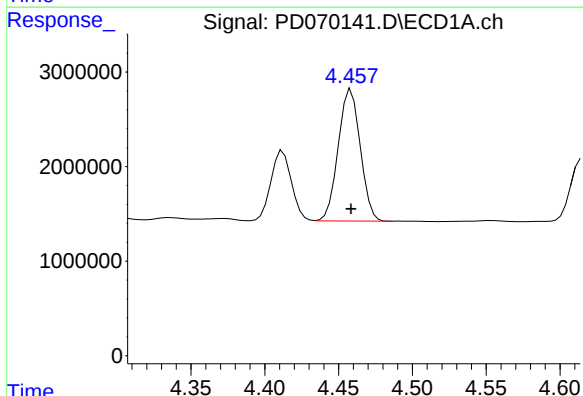
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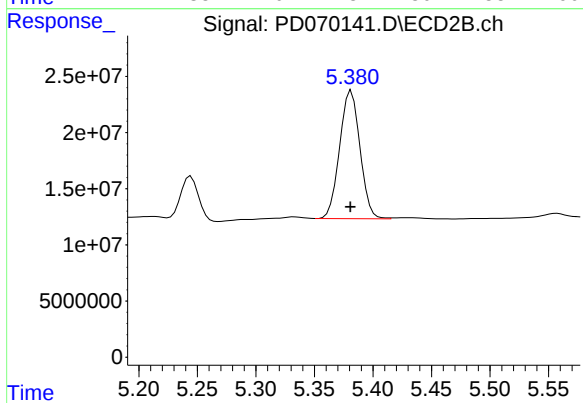
#3 gamma-BHC (Lindane)

R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 128399358  
Conc: 9.52 ng/ml m



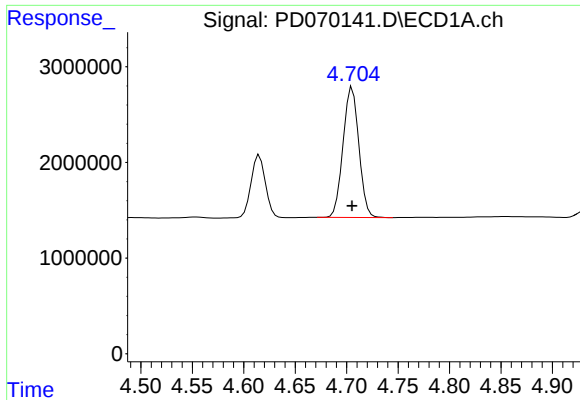
#4 Heptachlor

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 14505364  
Conc: 9.38 ng/ml



#4 Heptachlor

R.T.: 5.381 min  
Delta R.T.: 0.000 min  
Response: 137709152  
Conc: 10.52 ng/ml



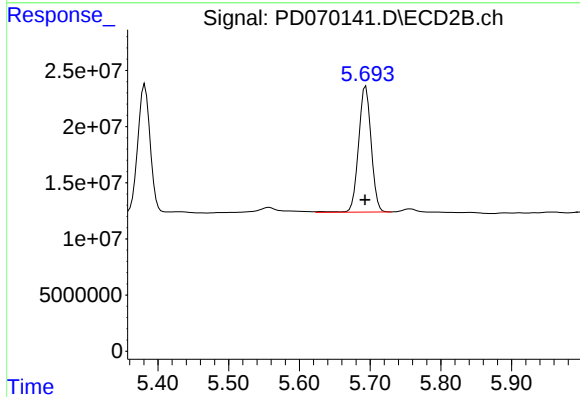
#5 Aldrin

R.T.: 4.705 min  
Delta R.T.: 0.000 min  
Response: 14599732  
Conc: 9.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

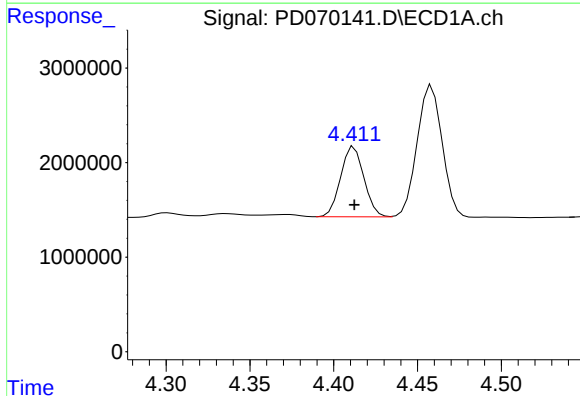
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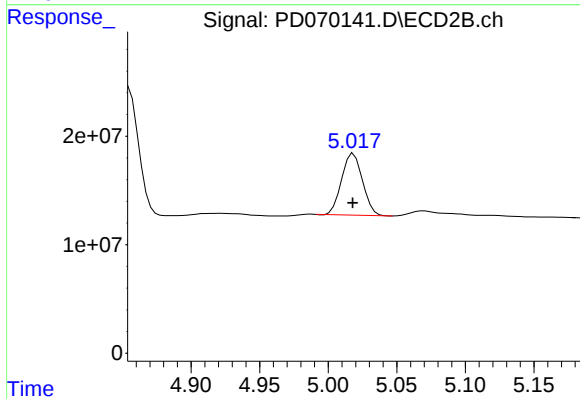
#5 Aldrin

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 138349169  
Conc: 10.82 ng/ml



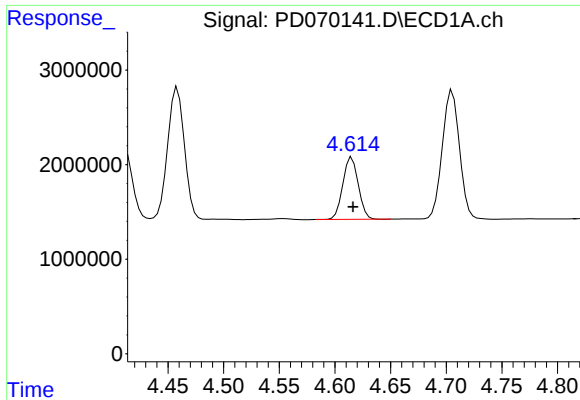
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: 0.000 min  
Response: 7169548  
Conc: 9.97 ng/ml



#6 beta-BHC

R.T.: 5.019 min  
Delta R.T.: 0.000 min  
Response: 60424320  
Conc: 9.92 ng/ml



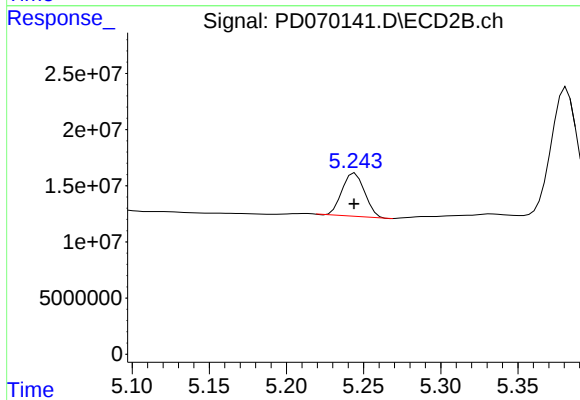
#7 delta-BHC

R.T.: 4.615 min  
Delta R.T.: 0.000 min  
Response: 6375754  
Conc: 4.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

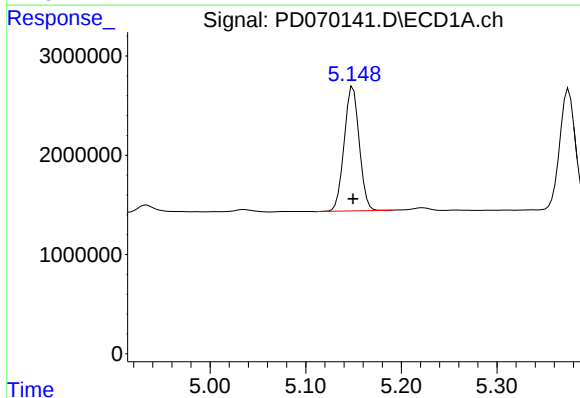
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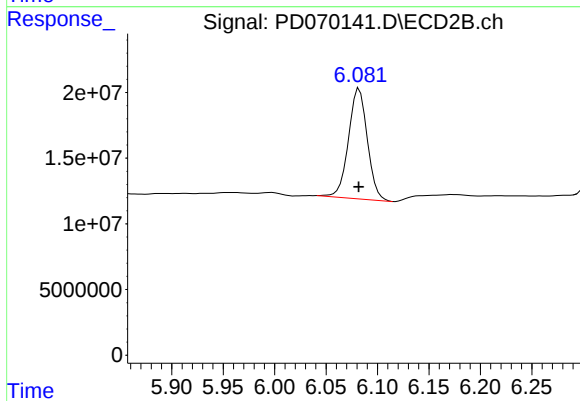
#7 delta-BHC

R.T.: 5.244 min  
Delta R.T.: 0.000 min  
Response: 39200863  
Conc: 4.32 ng/ml



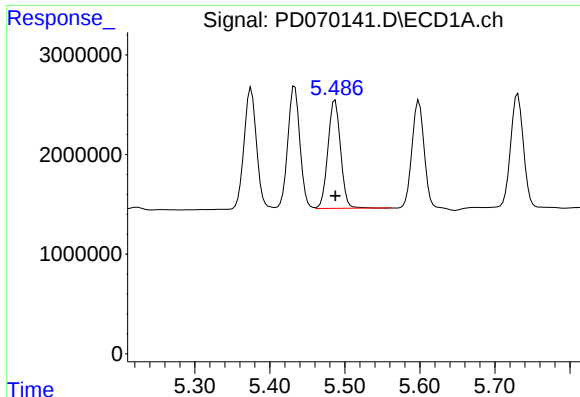
#8 Heptachlor epoxide

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 13818755  
Conc: 10.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 107487899  
Conc: 13.05 ng/ml m



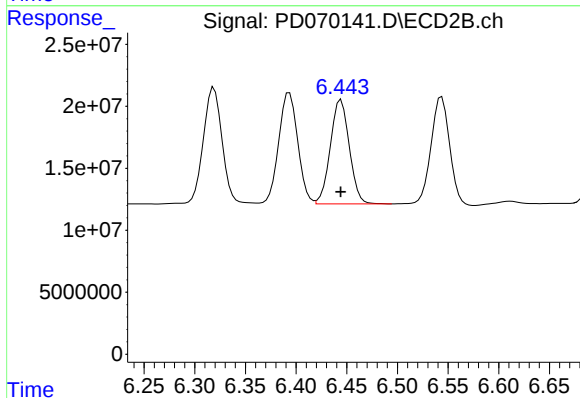
#9 Endosulfan I

R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 12749970  
Conc: 9.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

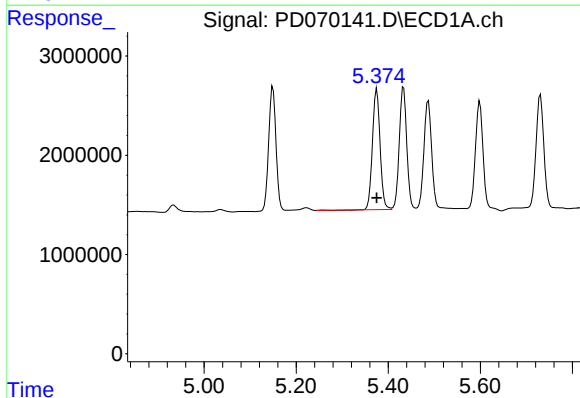
Manual Integrations  
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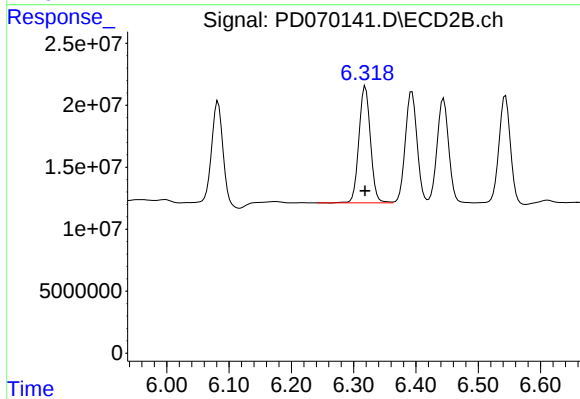
#9 Endosulfan I

R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 109645531  
Conc: 10.35 ng/ml



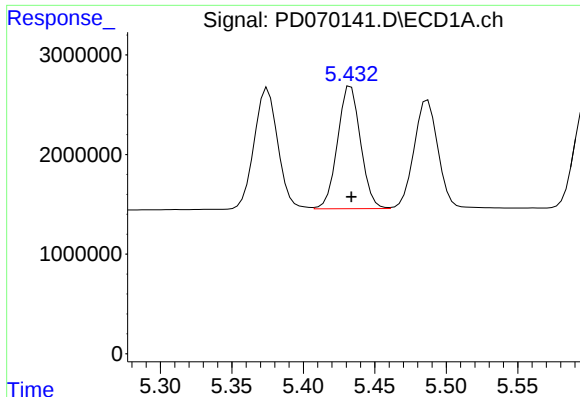
#10 gamma-Chlordane

R.T.: 5.375 min  
Delta R.T.: 0.000 min  
Response: 13999651  
Conc: 10.08 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 121411495  
Conc: 10.56 ng/ml



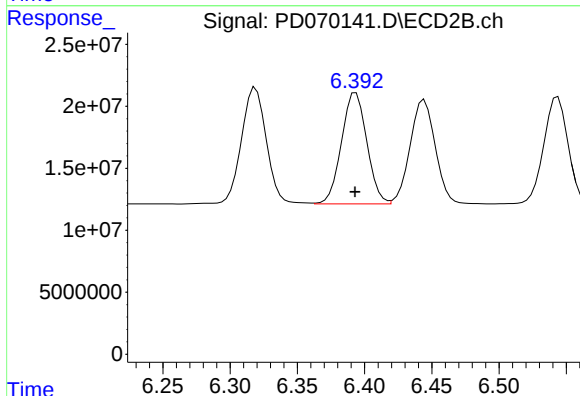
#11 alpha-Chlordane

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 13836608  
Conc: 9.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

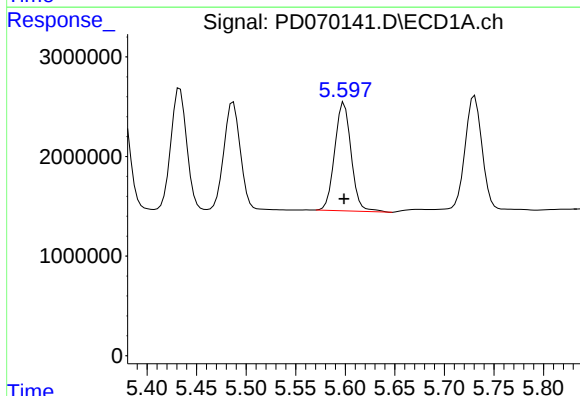
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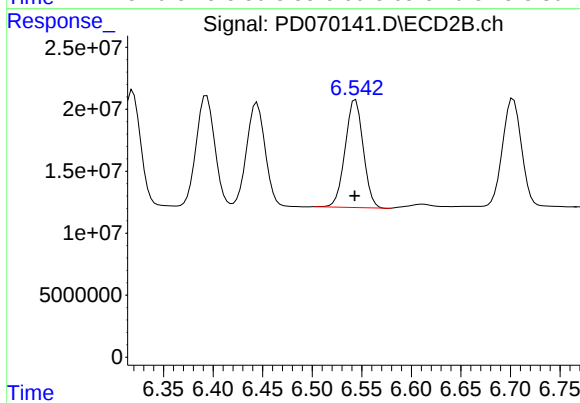
#11 alpha-Chlordane

R.T.: 6.393 min  
Delta R.T.: 0.000 min  
Response: 117523774  
Conc: 10.40 ng/ml



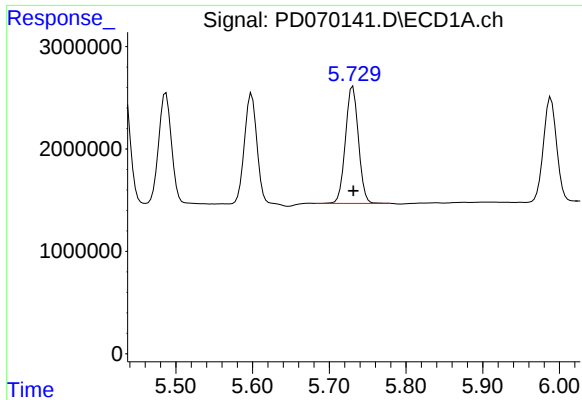
#12 4,4'-DDE

R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 12590792  
Conc: 10.07 ng/ml



#12 4,4'-DDE

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 110177339  
Conc: 10.51 ng/ml



#13 Dieldrin

R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 13488199  
Conc: 10.02 ng/ml

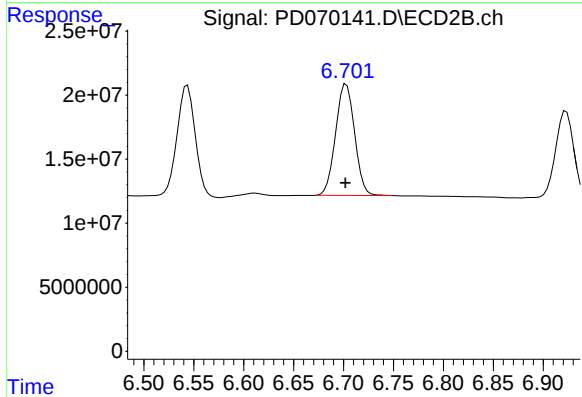
Instrument :

ECD\_D

ClientSampleId :  
PB145021BS

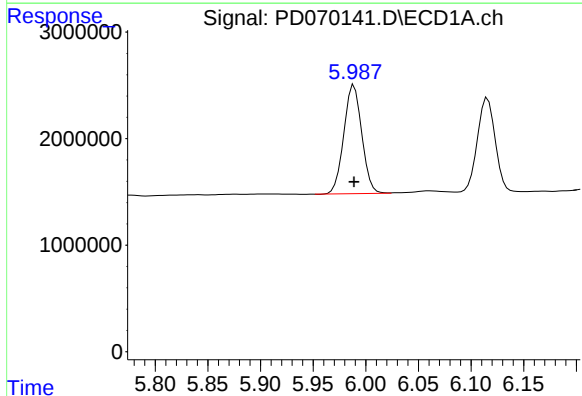
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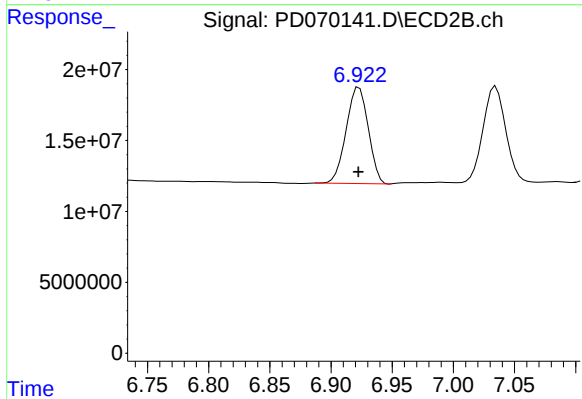
#13 Dieldrin

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 115195403  
Conc: 10.54 ng/ml



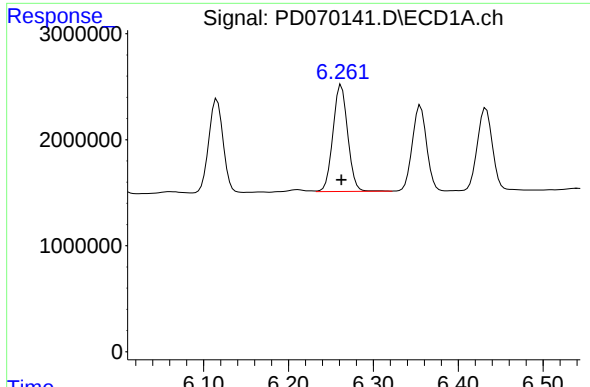
#14 Endrin

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 12177361  
Conc: 10.11 ng/ml



#14 Endrin

R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 85391795  
Conc: 10.17 ng/ml



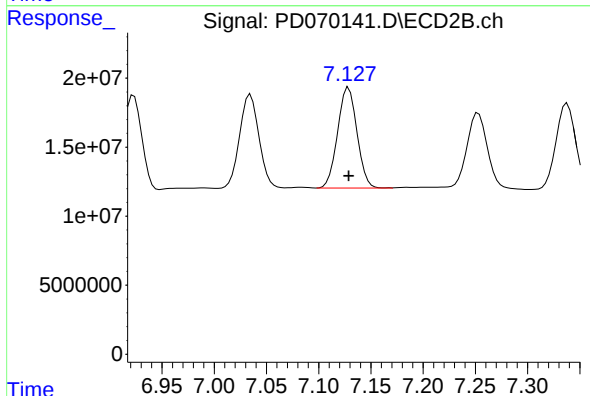
#15 Endosulfan II

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 12175085  
Conc: 10.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

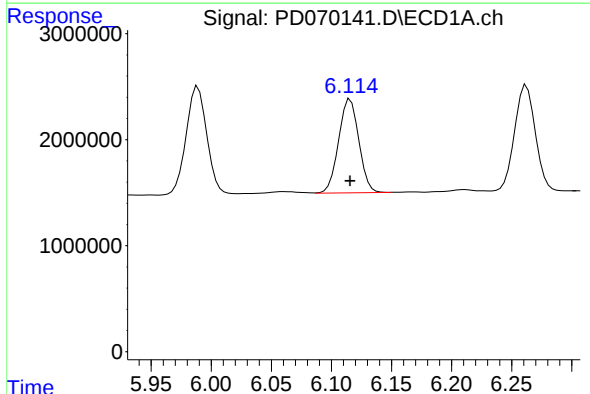
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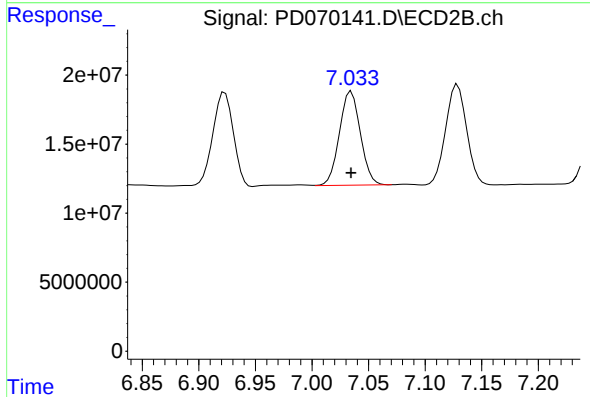
#15 Endosulfan II

R.T.: 7.129 min  
Delta R.T.: 0.000 min  
Response: 94174102  
Conc: 11.14 ng/ml



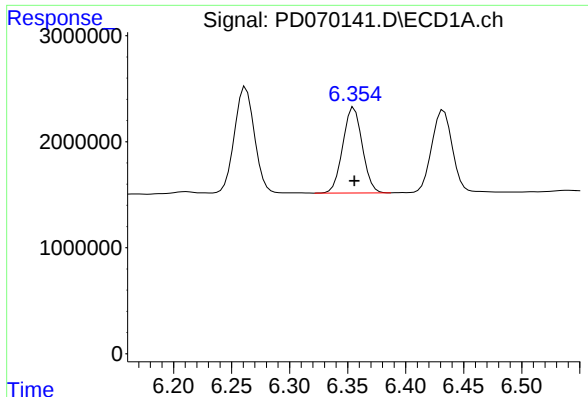
#16 4,4'-DDD

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 10366647  
Conc: 9.54 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min  
Delta R.T.: 0.000 min  
Response: 87906668  
Conc: 10.45 ng/ml



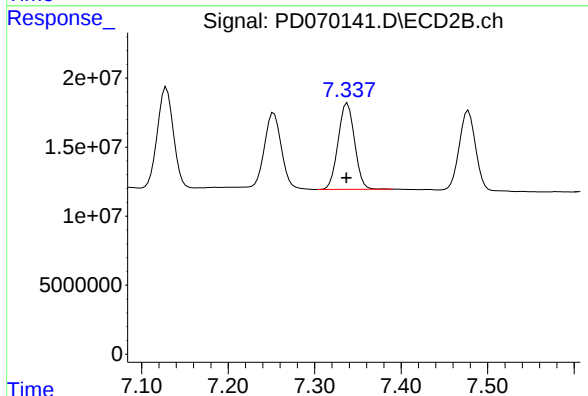
#17 4,4'-DDT

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 9421231  
Conc: 8.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

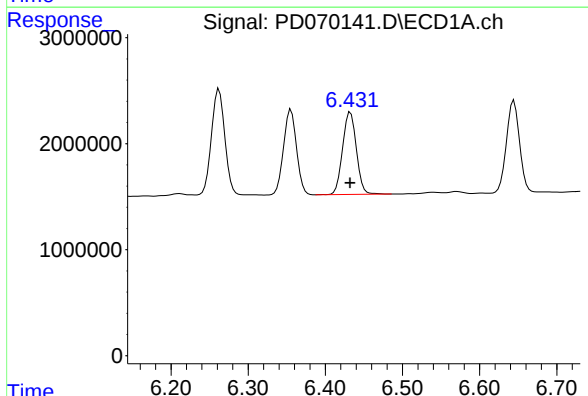
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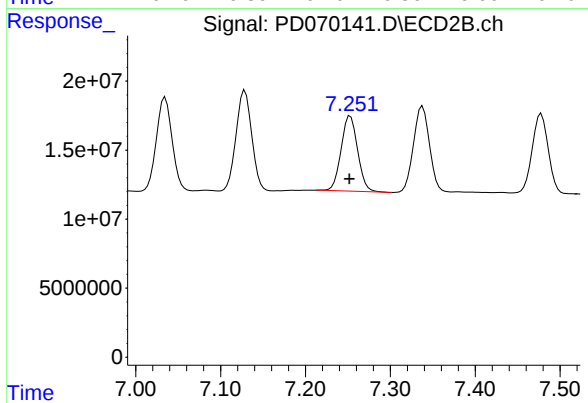
#17 4,4'-DDT

R.T.: 7.338 min  
Delta R.T.: 0.000 min  
Response: 80499465  
Conc: 9.38 ng/ml



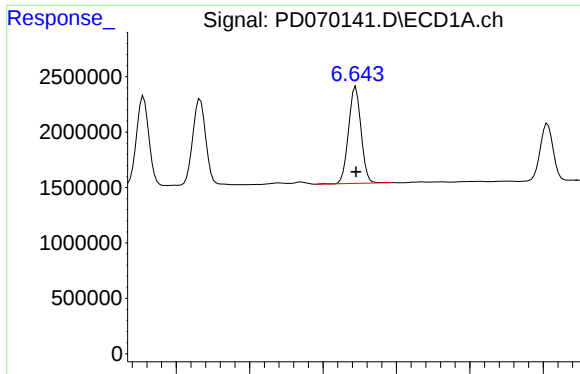
#18 Endrin aldehyde

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 9608085  
Conc: 10.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.251 min  
Delta R.T.: 0.000 min  
Response: 73553162  
Conc: 10.72 ng/ml m



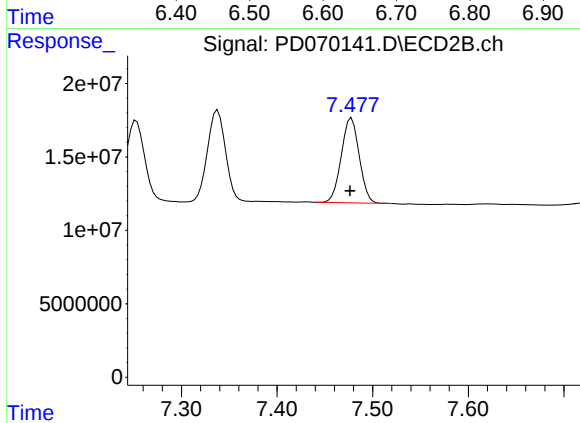
#19 Endosulfan Sulfate

R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 10367136  
Conc: 8.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB145021BS

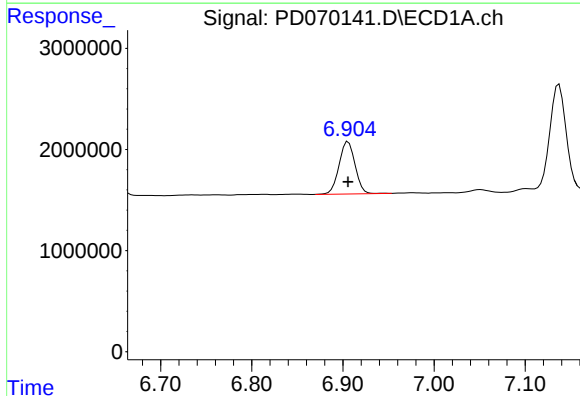
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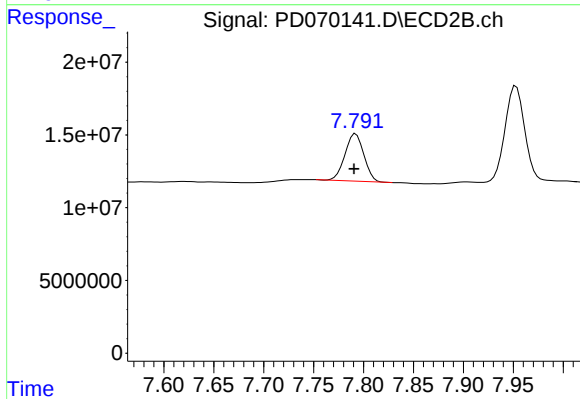
#19 Endosulfan Sulfate

R.T.: 7.478 min  
Delta R.T.: 0.001 min  
Response: 75561525  
Conc: 9.07 ng/ml



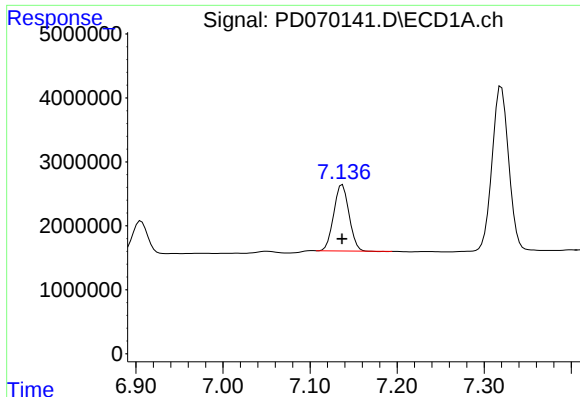
#20 Methoxychlor

R.T.: 6.906 min  
Delta R.T.: 0.000 min  
Response: 6326916  
Conc: 10.26 ng/ml



#20 Methoxychlor

R.T.: 7.792 min  
Delta R.T.: 0.002 min  
Response: 42590332  
Conc: 10.10 ng/ml



#21 Endrin ketone

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 12648064  
Conc: 9.40 ng/ml

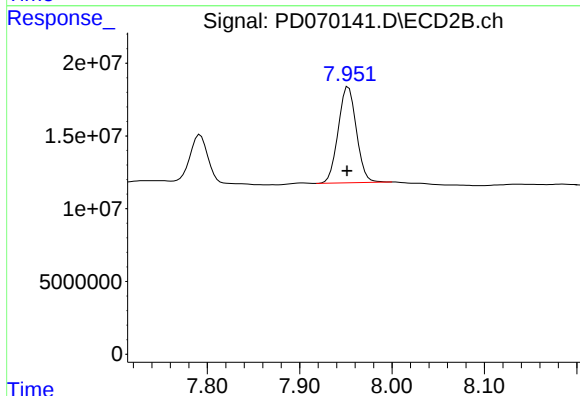
Instrument :

ECD\_D

ClientSampleId :  
PB145021BS

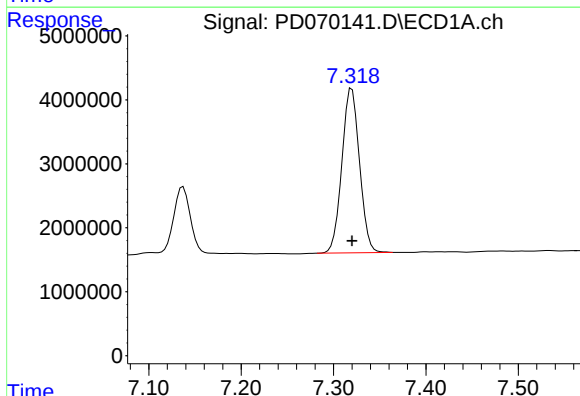
Manual Integrations  
APPROVED

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



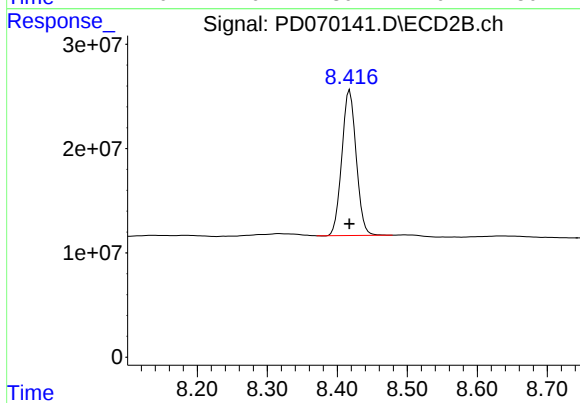
#21 Endrin ketone

R.T.: 7.953 min  
Delta R.T.: 0.001 min  
Response: 90424209  
Conc: 10.42 ng/ml



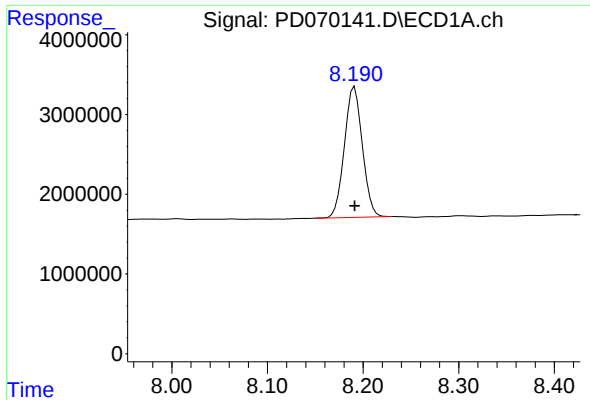
#22 Mirex

R.T.: 7.320 min  
Delta R.T.: 0.000 min  
Response: 34125404  
Conc: 32.68 ng/ml



#22 Mirex

R.T.: 8.418 min  
Delta R.T.: 0.000 min  
Response: 198633861  
Conc: 32.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.191 min  
Delta R.T.: 0.000 min  
Response: 21476190  
Conc: 19.31 ng/ml

Instrument :

ECD\_D

ClientSampleId :

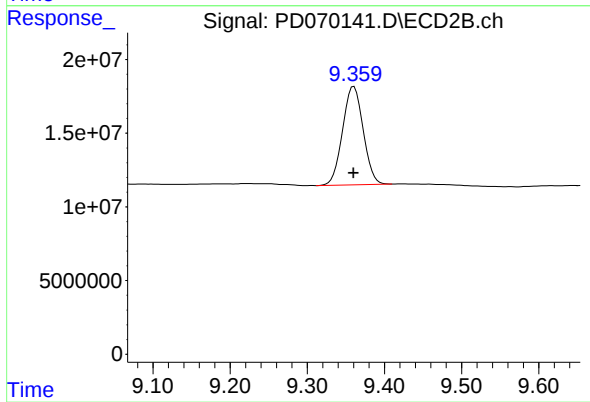
PB145021BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/07/2022

Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.360 min  
Delta R.T.: 0.000 min  
Response: 123991220  
Conc: 20.16 ng/ml