

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031722\  
 Data File : PD068657.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2022 16:50  
 Operator : AR\AJ  
 Sample : N1943-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 B1MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022  
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 03:16:09 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 03:30:32 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... | 3.449 | 4.175 | 23412714 | 195.7E6 | 19.283 | 20.471  |
| 28)                         | SA Decachlor... | 8.207 | 9.371 | 21966343 | 102.3E6 | 17.387 | 18.049  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.889 | 4.571 | 93732698 | 702.1E6 | 51.769 | 51.011  |
| 3)                          | MA gamma-BHC... | 4.172 | 4.862 | 86051465 | 629.5E6 | 51.535 | 50.343  |
| 4)                          | MA Heptachlor   | 4.471 | 5.388 | 87490332 | 652.0E6 | 53.106 | 54.866m |
| 5)                          | MB Aldrin       | 4.718 | 5.702 | 84413137 | 591.5E6 | 52.820 | 51.531  |
| 6)                          | B beta-BHC      | 4.422 | 5.025 | 40069735 | 276.1E6 | 53.817 | 50.292  |
| 7)                          | B delta-BHC     | 4.626 | 5.251 | 87282758 | 612.5E6 | 53.409 | 50.933  |
| 8)                          | B Heptachlo...  | 5.163 | 6.090 | 79251458 | 529.5E6 | 52.994 | 50.701  |
| 9)                          | A Endosulfan I  | 5.501 | 6.453 | 74207719 | 488.5E6 | 53.034 | 52.084  |
| 10)                         | B gamma-Chl...  | 5.389 | 6.327 | 80636570 | 534.9E6 | 53.157 | 51.894  |
| 11)                         | B alpha-Chl...  | 5.448 | 6.402 | 79523142 | 515.8E6 | 53.205 | 51.802  |
| 12)                         | B 4,4'-DDE      | 5.613 | 6.551 | 74997178 | 490.5E6 | 54.820 | 52.931  |
| 13)                         | MA Dieldrin     | 5.745 | 6.711 | 78619893 | 503.3E6 | 53.844 | 51.818  |
| 14)                         | MA Endrin       | 6.003 | 6.931 | 71783648 | 390.5E6 | 54.492 | 50.474  |
| 15)                         | B Endosulfa...  | 6.277 | 7.136 | 65893741 | 389.5E6 | 52.869 | 51.524  |
| 16)                         | A 4,4'-DDD      | 6.131 | 7.042 | 63165555 | 393.3E6 | 53.565 | 53.254  |
| 17)                         | MA 4,4'-DDT     | 6.371 | 7.346 | 64351971 | 389.0E6 | 53.539 | 52.948  |
| 18)                         | B Endrin al...  | 6.446 | 7.260 | 48115481 | 294.6E6 | 48.467 | 48.675  |
| 19)                         | B Endosulfa...  | 6.659 | 7.485 | 67153373 | 384.4E6 | 52.512 | 52.261  |
| 20)                         | A Methoxychlor  | 6.922 | 7.798 | 36027320 | 192.8E6 | 51.985 | 52.889  |
| 21)                         | B Endrin ke...  | 7.151 | 7.961 | 77494646 | 400.8E6 | 52.640 | 51.721  |
| 22)                         | Mirex           | 7.336 | 8.426 | 63853234 | 295.3E6 | 53.876 | 53.873  |
| -----                       |                 |       |       |          |         |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031722\  
Data File : PD068657.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2022 16:50  
Operator : AR\AJ  
Sample : N1943-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

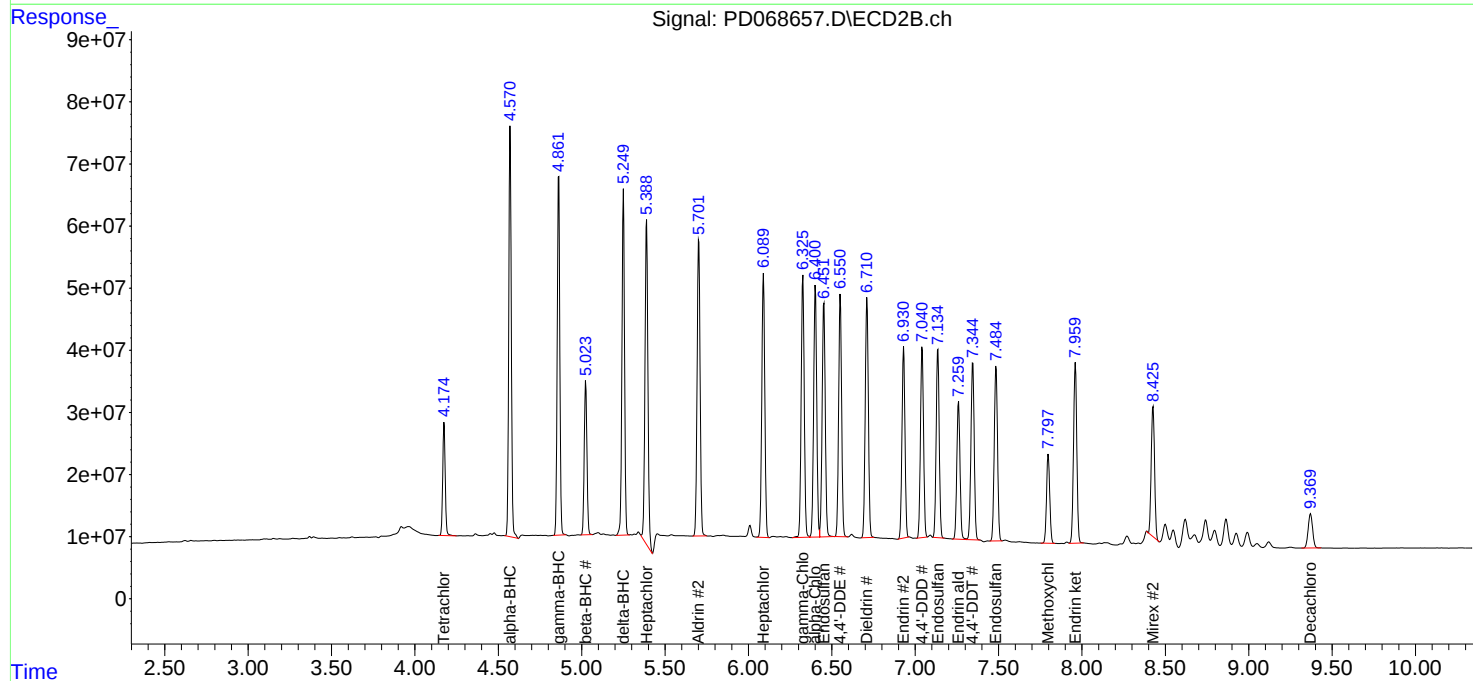
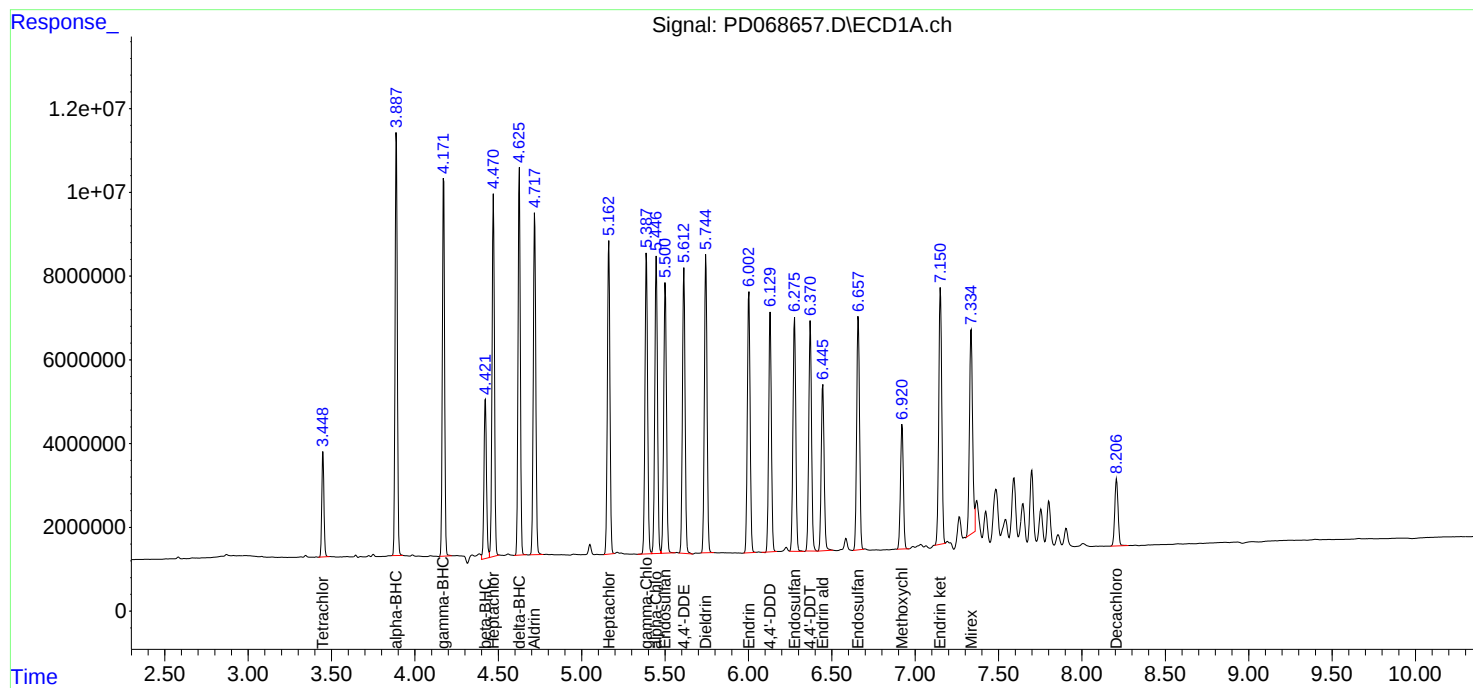
Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

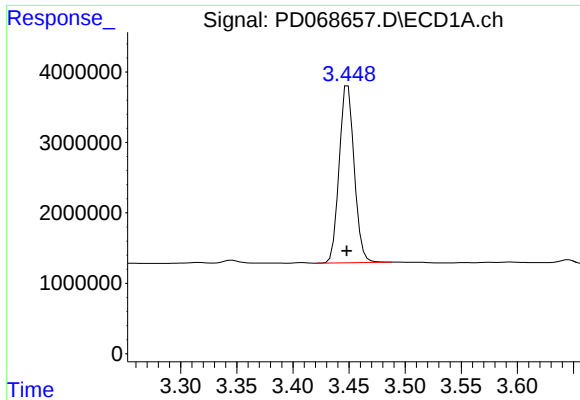
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 03:16:09 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 03:30:32 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





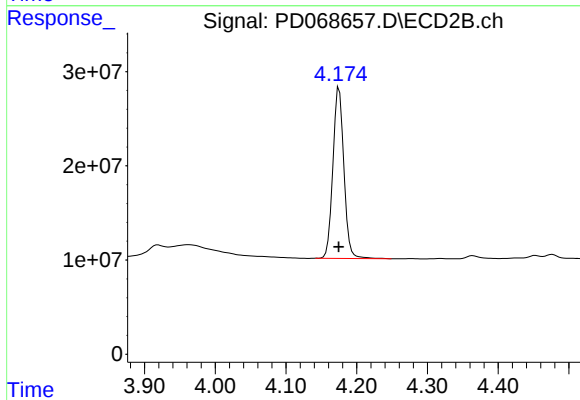
#1 Tetrachloro-m-xylene

R.T.: 3.449 min  
Delta R.T.: 0.001 min  
Response: 23412714  
Conc: 19.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

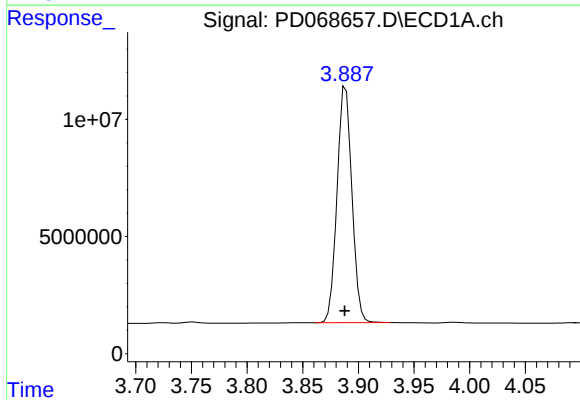
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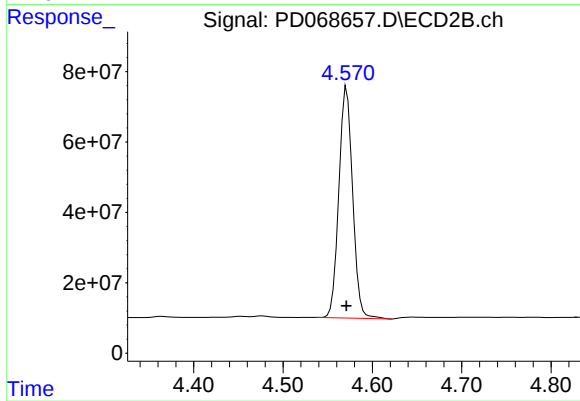
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 195717978  
Conc: 20.47 ng/ml



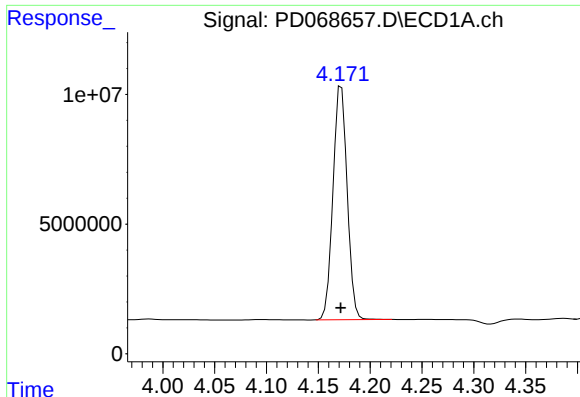
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: 0.001 min  
Response: 93732698  
Conc: 51.77 ng/ml



#2 alpha-BHC

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 702053743  
Conc: 51.01 ng/ml



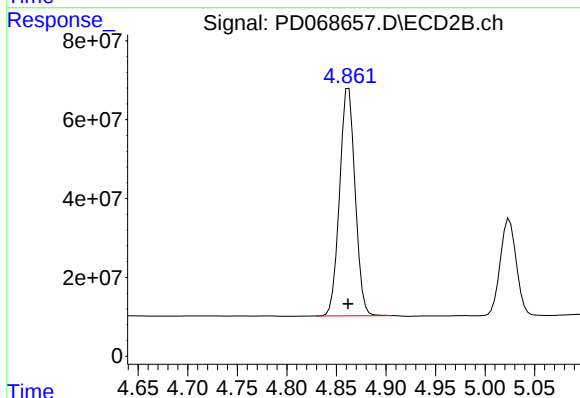
#3 gamma-BHC (Lindane)

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 86051465  
Conc: 51.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

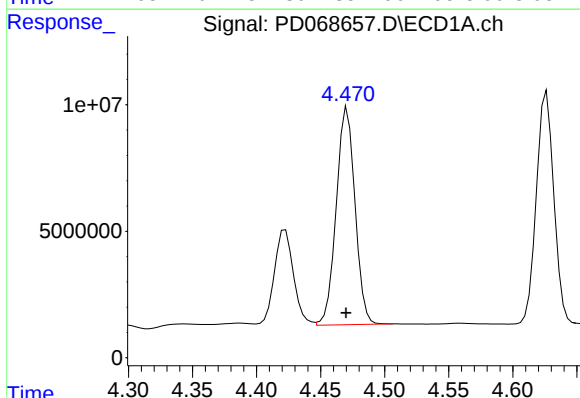
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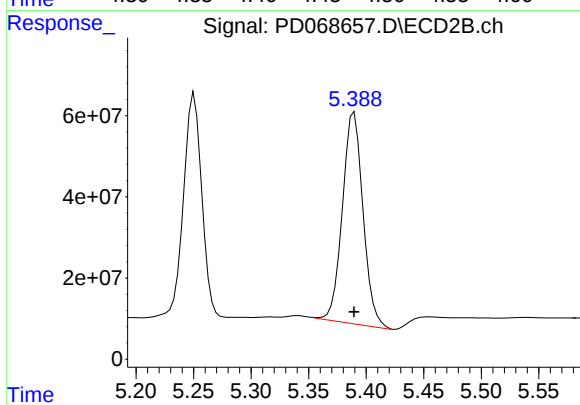
#3 gamma-BHC (Lindane)

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 629452117  
Conc: 50.34 ng/ml



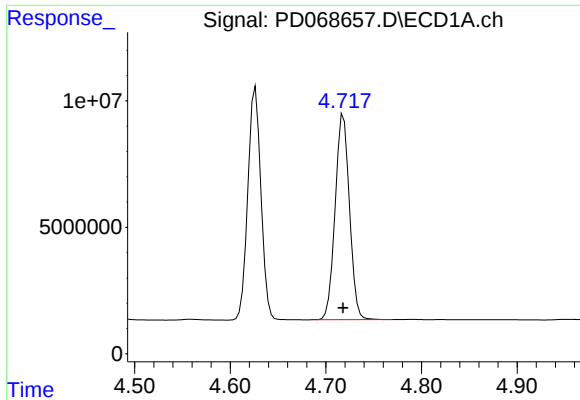
#4 Heptachlor

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 87490332  
Conc: 53.11 ng/ml



#4 Heptachlor

R.T.: 5.388 min  
Delta R.T.: -0.001 min  
Response: 652049272  
Conc: 54.87 ng/ml m



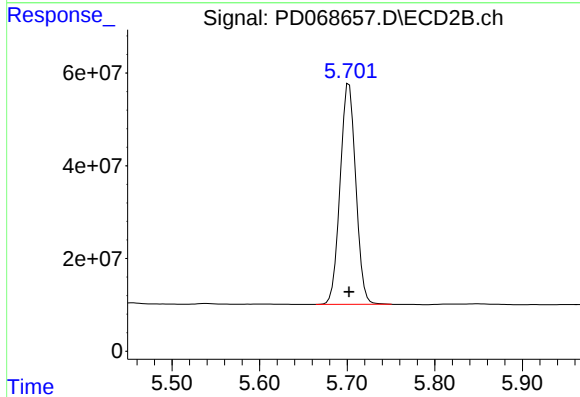
#5 Aldrin

R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: 84413137  
Conc: 52.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

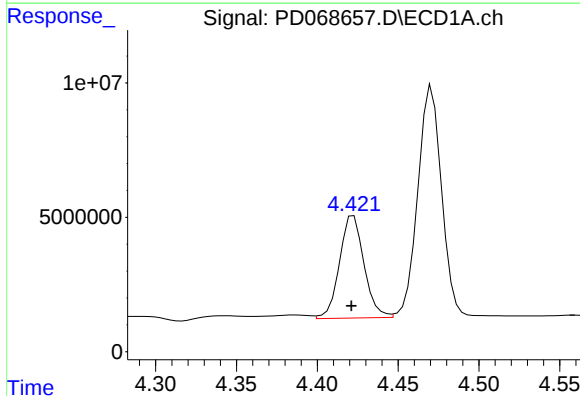
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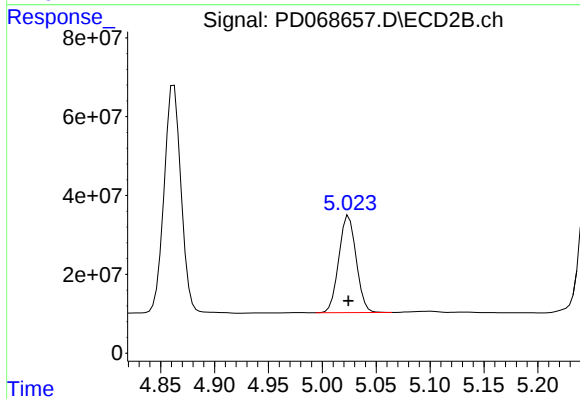
#5 Aldrin

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 591520219  
Conc: 51.53 ng/ml



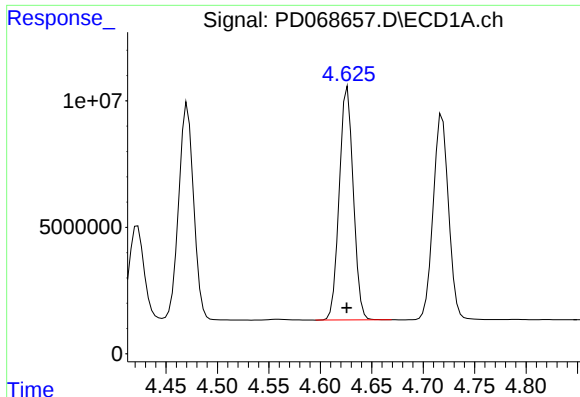
#6 beta-BHC

R.T.: 4.422 min  
Delta R.T.: 0.001 min  
Response: 40069735  
Conc: 53.82 ng/ml



#6 beta-BHC

R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 276097973  
Conc: 50.29 ng/ml



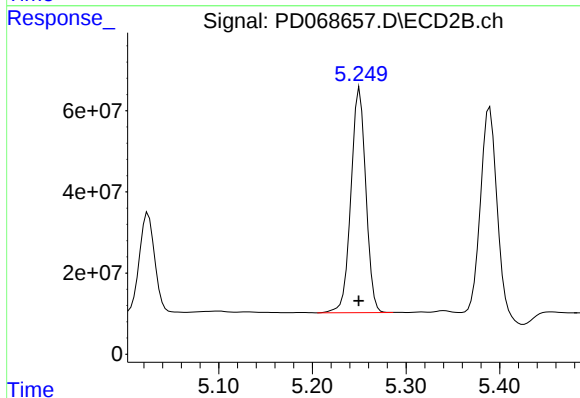
#7 delta-BHC

R.T.: 4.626 min  
Delta R.T.: 0.000 min  
Response: 87282758  
Conc: 53.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

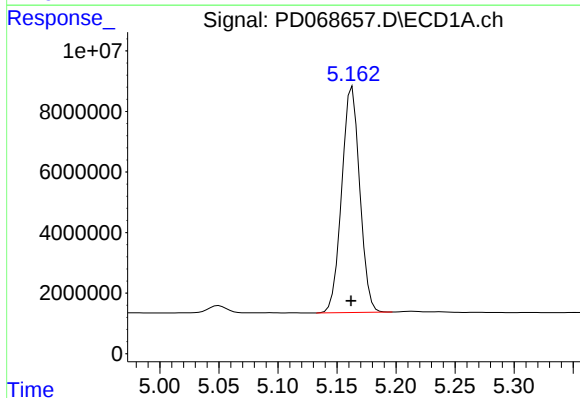
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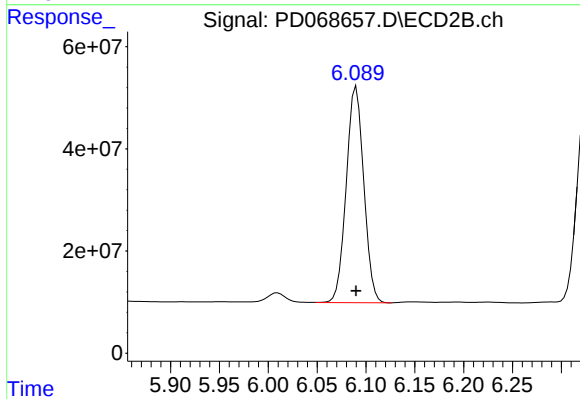
#7 delta-BHC

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 612506963  
Conc: 50.93 ng/ml



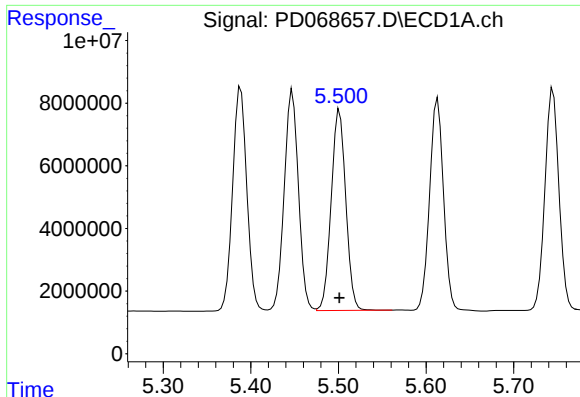
#8 Heptachlor epoxide

R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 79251458  
Conc: 52.99 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 529460925  
Conc: 50.70 ng/ml



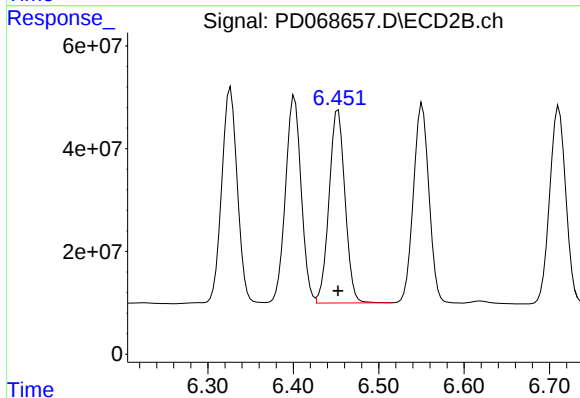
#9 Endosulfan I

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 74207719  
Conc: 53.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

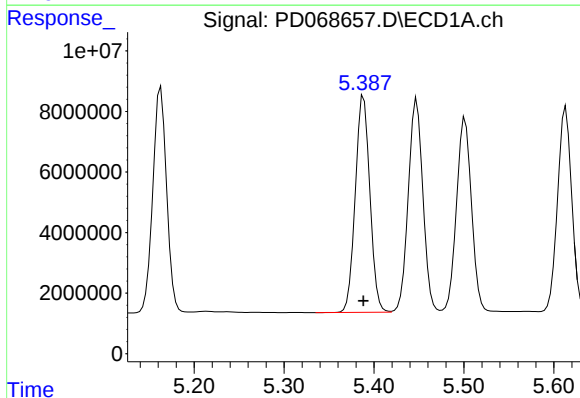
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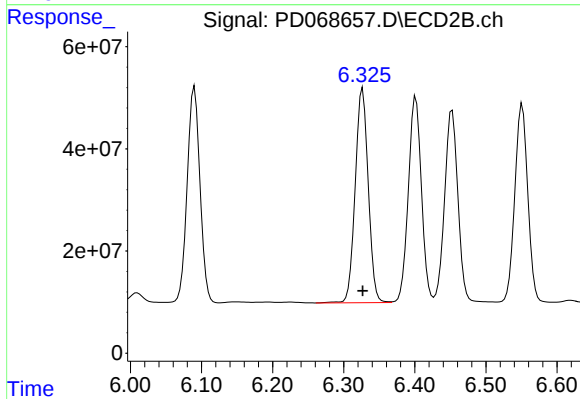
#9 Endosulfan I

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 488456402  
Conc: 52.08 ng/ml



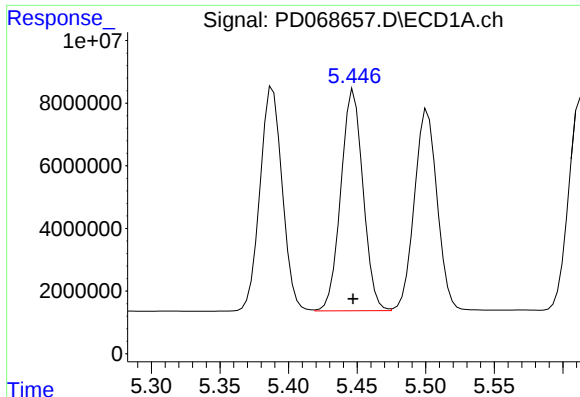
#10 gamma-Chlordane

R.T.: 5.389 min  
Delta R.T.: 0.000 min  
Response: 80636570  
Conc: 53.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 534877114  
Conc: 51.89 ng/ml



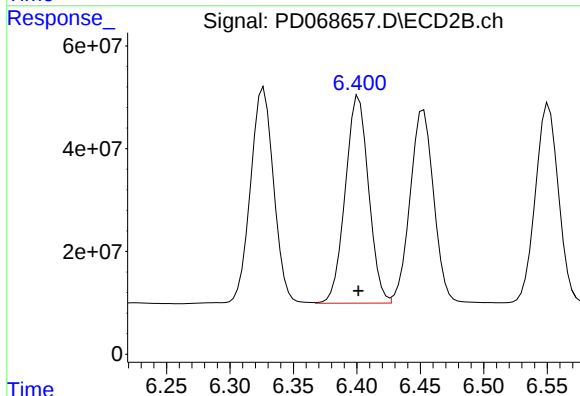
#11 alpha-Chlordane

R.T.: 5.448 min  
Delta R.T.: 0.000 min  
Response: 79523142  
Conc: 53.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

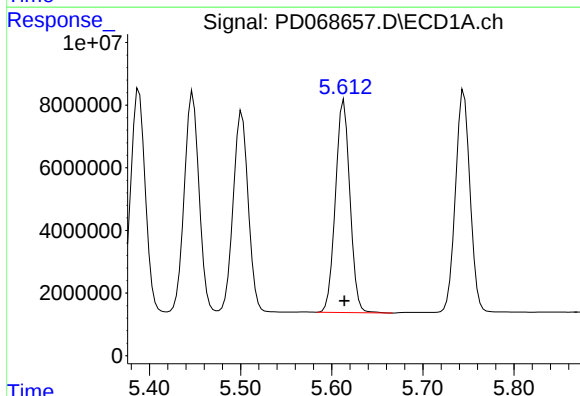
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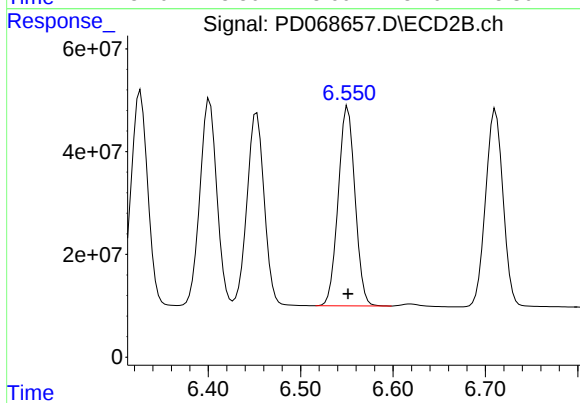
#11 alpha-Chlordane

R.T.: 6.402 min  
Delta R.T.: 0.000 min  
Response: 515751369  
Conc: 51.80 ng/ml



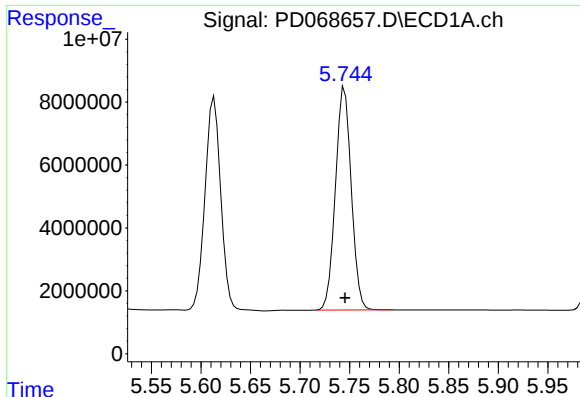
#12 4,4'-DDE

R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 74997178  
Conc: 54.82 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 490509333  
Conc: 52.93 ng/ml



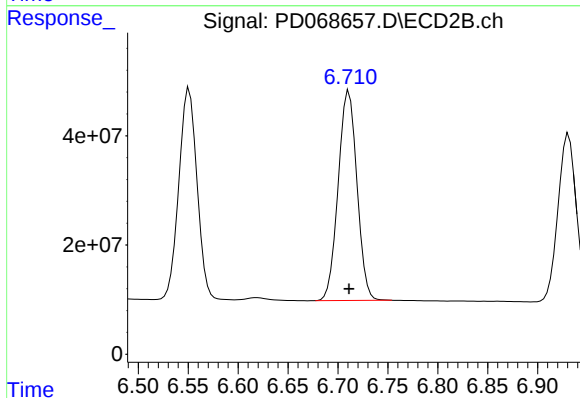
#13 Dieldrin

R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 78619893  
Conc: 53.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

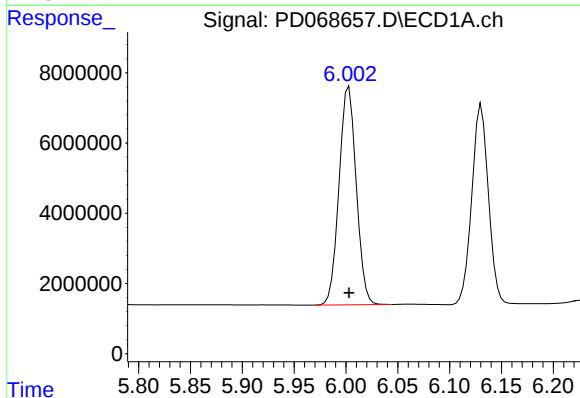
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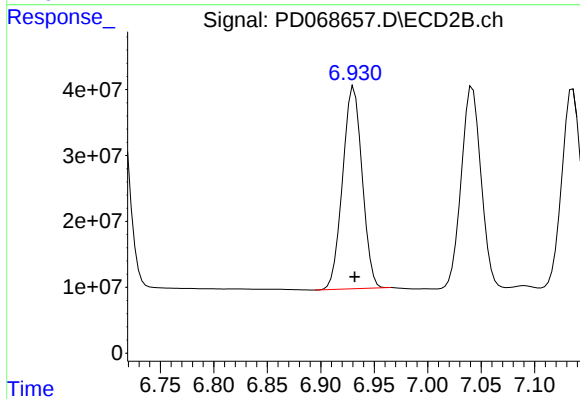
#13 Dieldrin

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 503310631  
Conc: 51.82 ng/ml



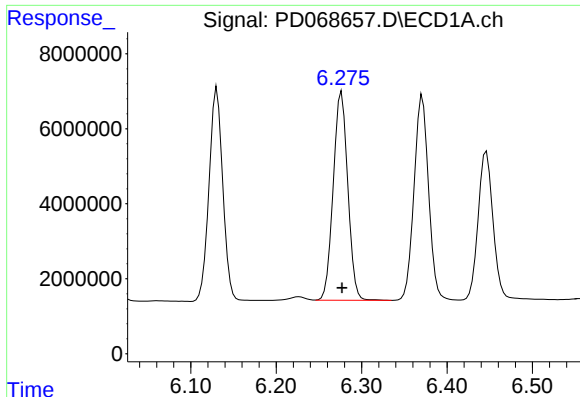
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: 0.000 min  
Response: 71783648  
Conc: 54.49 ng/ml



#14 Endrin

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 390540538  
Conc: 50.47 ng/ml



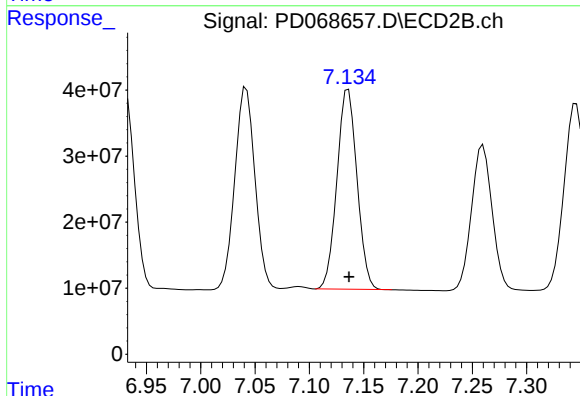
#15 Endosulfan II

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 65893741  
Conc: 52.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

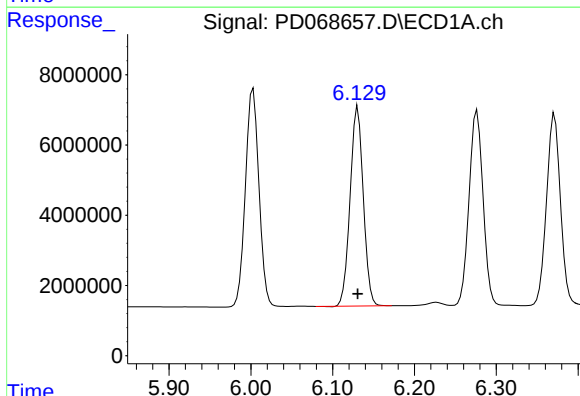
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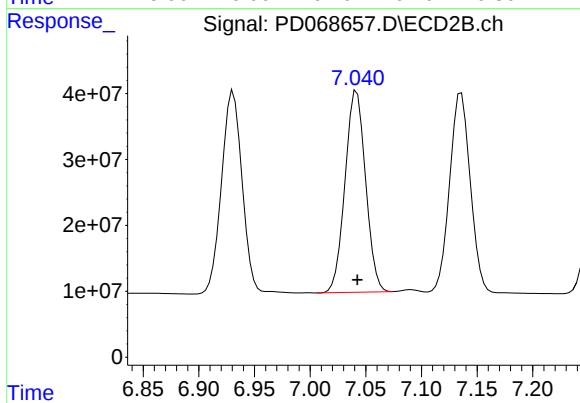
#15 Endosulfan II

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 389451544  
Conc: 51.52 ng/ml



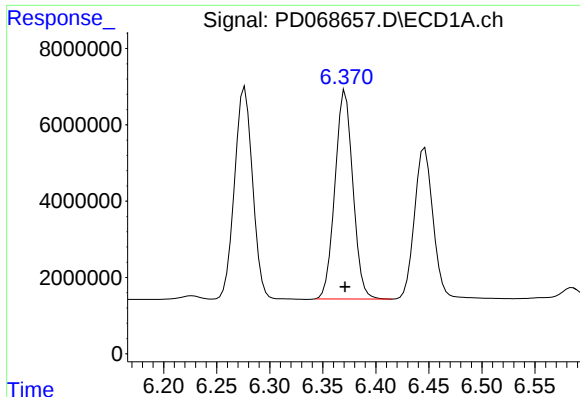
#16 4,4'-DDD

R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 63165555  
Conc: 53.57 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 393295693  
Conc: 53.25 ng/ml



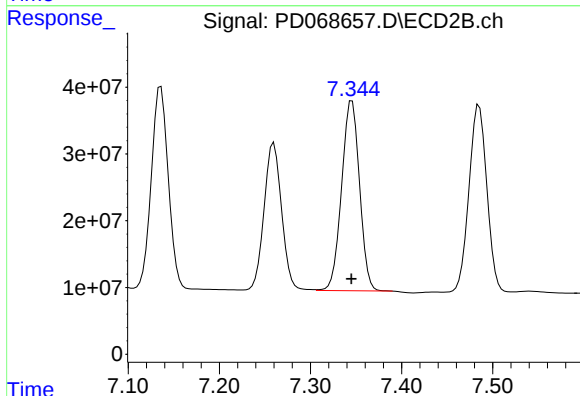
#17 4,4'-DDT

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 64351971  
Conc: 53.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

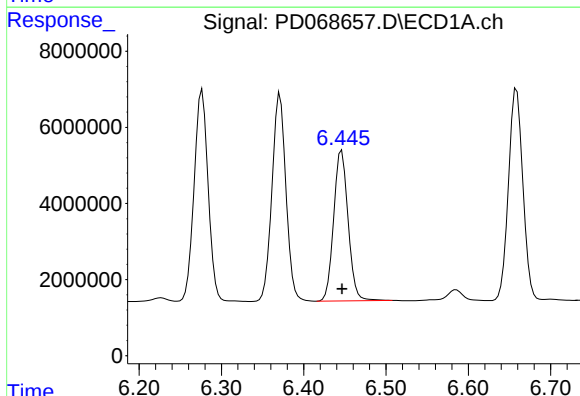
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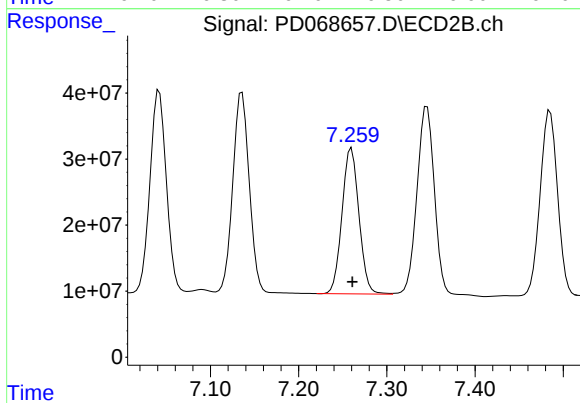
#17 4,4'-DDT

R.T.: 7.346 min  
Delta R.T.: 0.000 min  
Response: 388994219  
Conc: 52.95 ng/ml



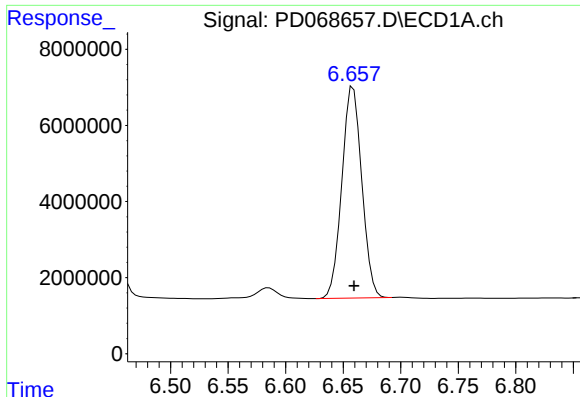
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 48115481  
Conc: 48.47 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 294573623  
Conc: 48.68 ng/ml



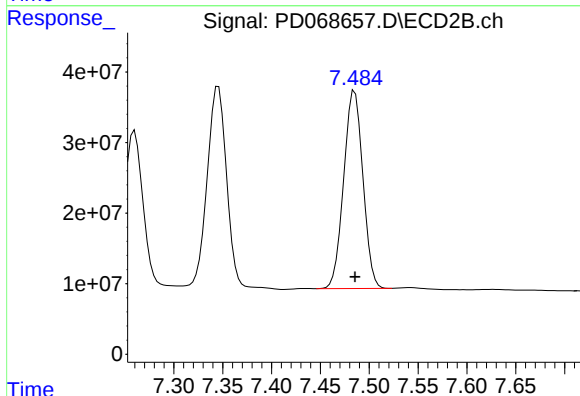
#19 Endosulfan Sulfate

R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 67153373  
Conc: 52.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

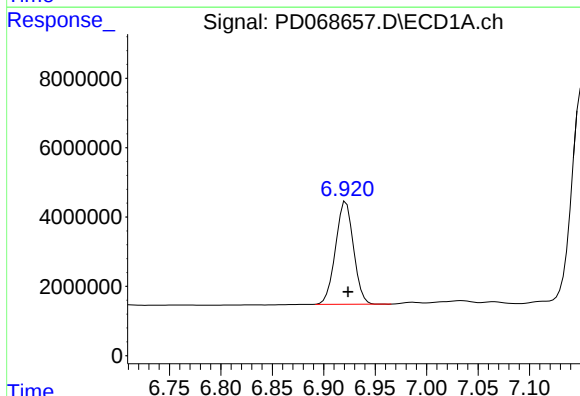
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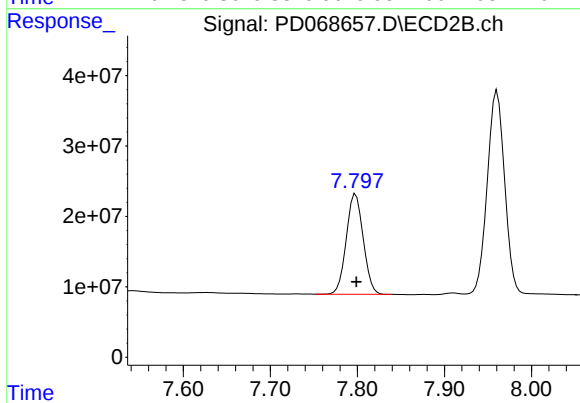
#19 Endosulfan Sulfate

R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 384383369  
Conc: 52.26 ng/ml



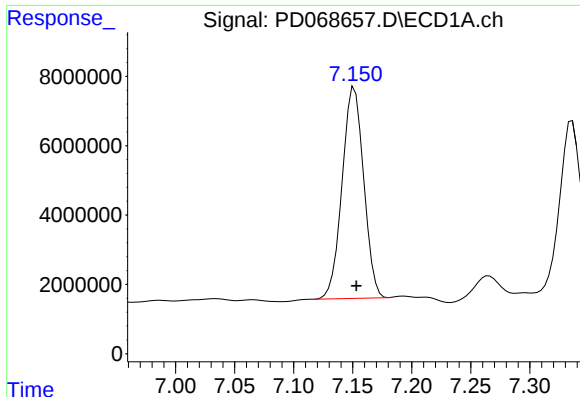
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: -0.002 min  
Response: 36027320  
Conc: 51.99 ng/ml



#20 Methoxychlor

R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 192797308  
Conc: 52.89 ng/ml



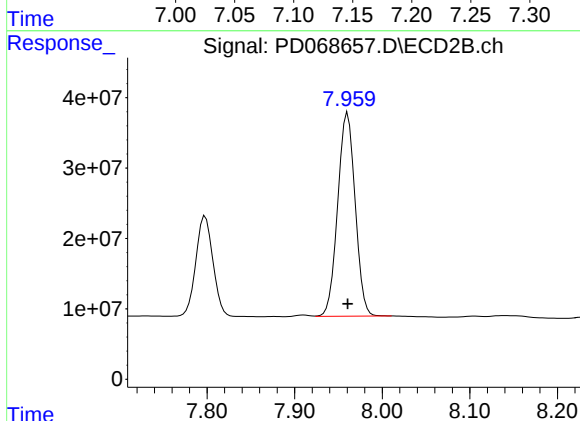
#21 Endrin ketone

R.T.: 7.151 min  
Delta R.T.: -0.001 min  
Response: 77494646  
Conc: 52.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

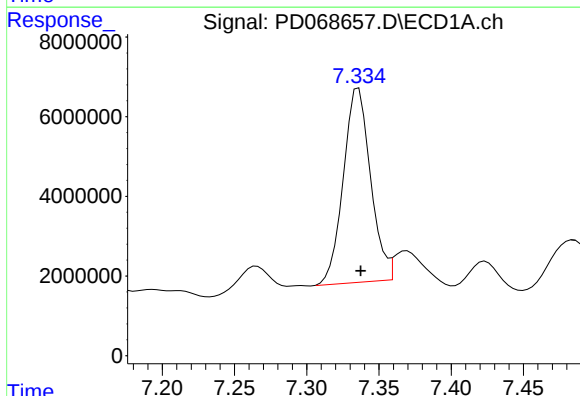
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/17/2022  
Supervised By :Ankita Jodhani 03/17/2022



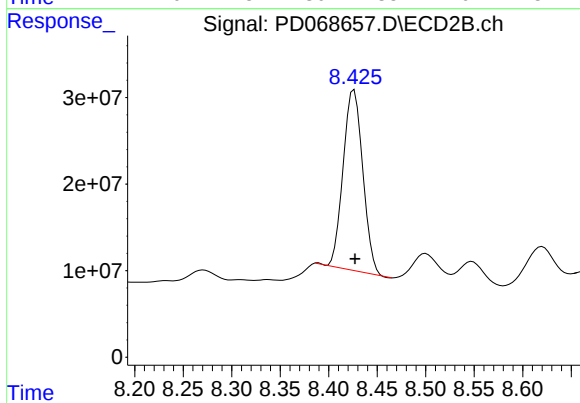
#21 Endrin ketone

R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 400771969  
Conc: 51.72 ng/ml



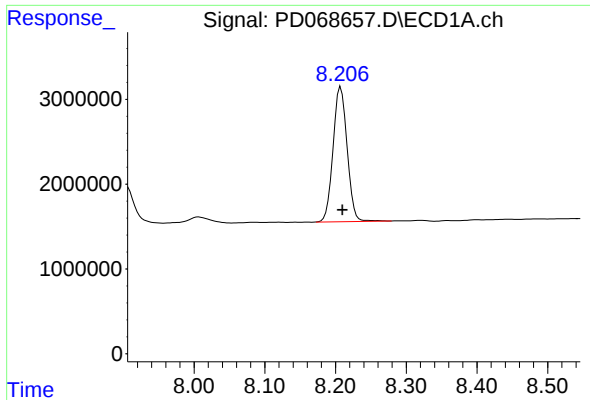
#22 Mirex

R.T.: 7.336 min  
Delta R.T.: -0.002 min  
Response: 63853234  
Conc: 53.88 ng/ml



#22 Mirex

R.T.: 8.426 min  
Delta R.T.: -0.001 min  
Response: 295296216  
Conc: 53.87 ng/ml



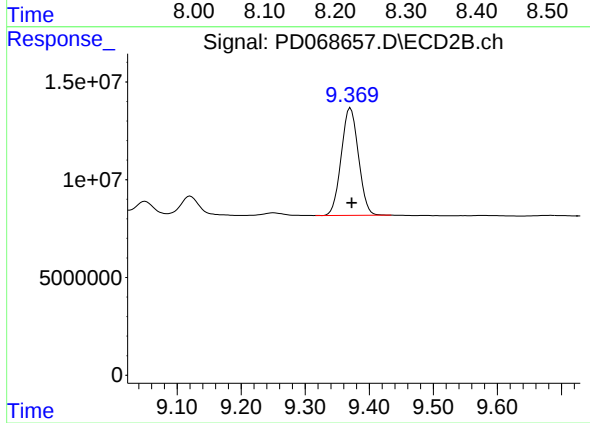
#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.002 min  
Response: 21966343  
Conc: 17.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
B1MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/17/2022  
Supervised By :Ankita Jodhani 03/17/2022



#28 Decachlorobiphenyl

R.T.: 9.371 min  
Delta R.T.: -0.002 min  
Response: 102277650  
Conc: 18.05 ng/ml