

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
 Data File : PD074816.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2023 12:28  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 20 21:39:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 18 13:17:37 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.547 | 2.768 | 113.0E6  | 58394067 | 47.362  | 44.796 |
| 28)                         | SA Decachlor... | 9.088 | 7.918 | 130.3E6  | 55812268 | 42.908  | 41.843 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.004 | 3.271 | 201.1E6  | 91661245 | 48.341  | 46.945 |
| 3)                          | MA gamma-BHC... | 4.337 | 3.601 | 185.2E6  | 87805547 | 47.712  | 48.382 |
| 4)                          | MA Heptachlor   | 4.929 | 3.943 | 189.2E6  | 89724467 | 48.375  | 48.510 |
| 5)                          | MB Aldrin       | 5.273 | 4.223 | 181.7E6  | 89350428 | 47.292  | 48.330 |
| 6)                          | B beta-BHC      | 4.532 | 3.897 | 75569779 | 38337957 | 45.047  | 47.202 |
| 7)                          | B delta-BHC     | 4.781 | 4.128 | 172.0E6  | 90126937 | 53.937  | 47.935 |
| 8)                          | B Heptachlo...  | 5.699 | 4.726 | 162.3E6  | 80339930 | 50.219  | 47.376 |
| 9)                          | A Endosulfan I  | 6.086 | 5.097 | 153.3E6  | 73949431 | 46.976  | 46.112 |
| 10)                         | B gamma-Chl...  | 5.956 | 4.977 | 168.1E6  | 82431523 | 48.459  | 47.606 |
| 11)                         | B alpha-Chl...  | 6.035 | 5.041 | 164.0E6  | 81164494 | 47.216  | 47.377 |
| 12)                         | B 4,4'-DDE      | 6.208 | 5.231 | 150.3E6  | 75632100 | 46.893  | 48.224 |
| 13)                         | MA Dieldrin     | 6.362 | 5.362 | 158.6E6  | 79656269 | 46.500  | 47.444 |
| 14)                         | MA Endrin       | 6.592 | 5.637 | 134.4E6  | 70616022 | 46.250  | 46.797 |
| 15)                         | B Endosulfa...  | 6.810 | 5.931 | 128.4E6  | 65035308 | 44.751  | 47.297 |
| 16)                         | A 4,4'-DDD      | 6.725 | 5.785 | 121.4E6  | 63193839 | 45.834  | 47.933 |
| 17)                         | MA 4,4'-DDT     | 7.040 | 6.037 | 130.0E6  | 64778396 | 44.620  | 47.963 |
| 18)                         | B Endrin al...  | 6.939 | 6.111 | 101.1E6  | 52789485 | 44.008m | 47.288 |
| 19)                         | B Endosulfa...  | 7.175 | 6.333 | 128.5E6  | 64828025 | 44.477  | 46.911 |
| 20)                         | A Methoxychlor  | 7.515 | 6.613 | 69225997 | 35427484 | 42.509  | 47.004 |
| 21)                         | B Endrin ke...  | 7.662 | 6.839 | 144.1E6  | 74804651 | 44.235  | 45.775 |
| 22)                         | Mirex           | 8.137 | 7.023 | 107.2E6  | 58287464 | 43.176  | 45.174 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
Data File : PD074816.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2023 12:28  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

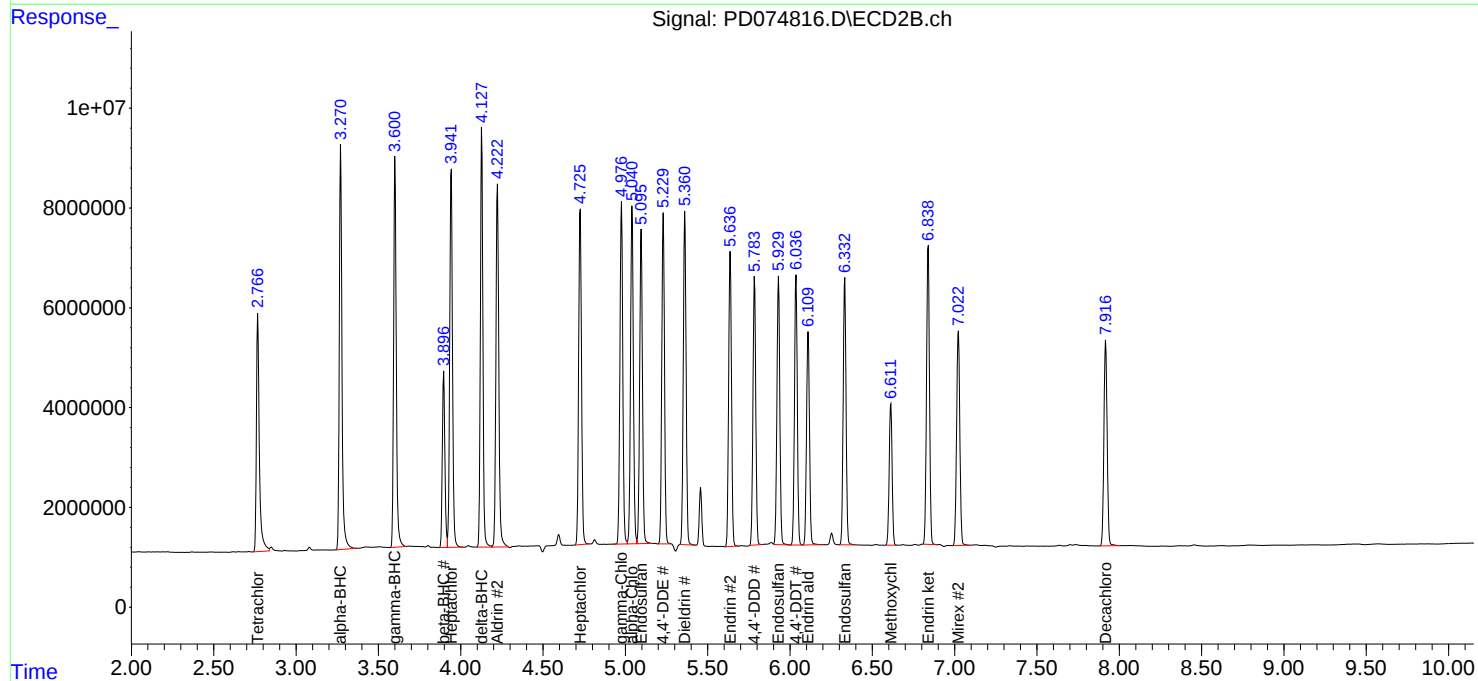
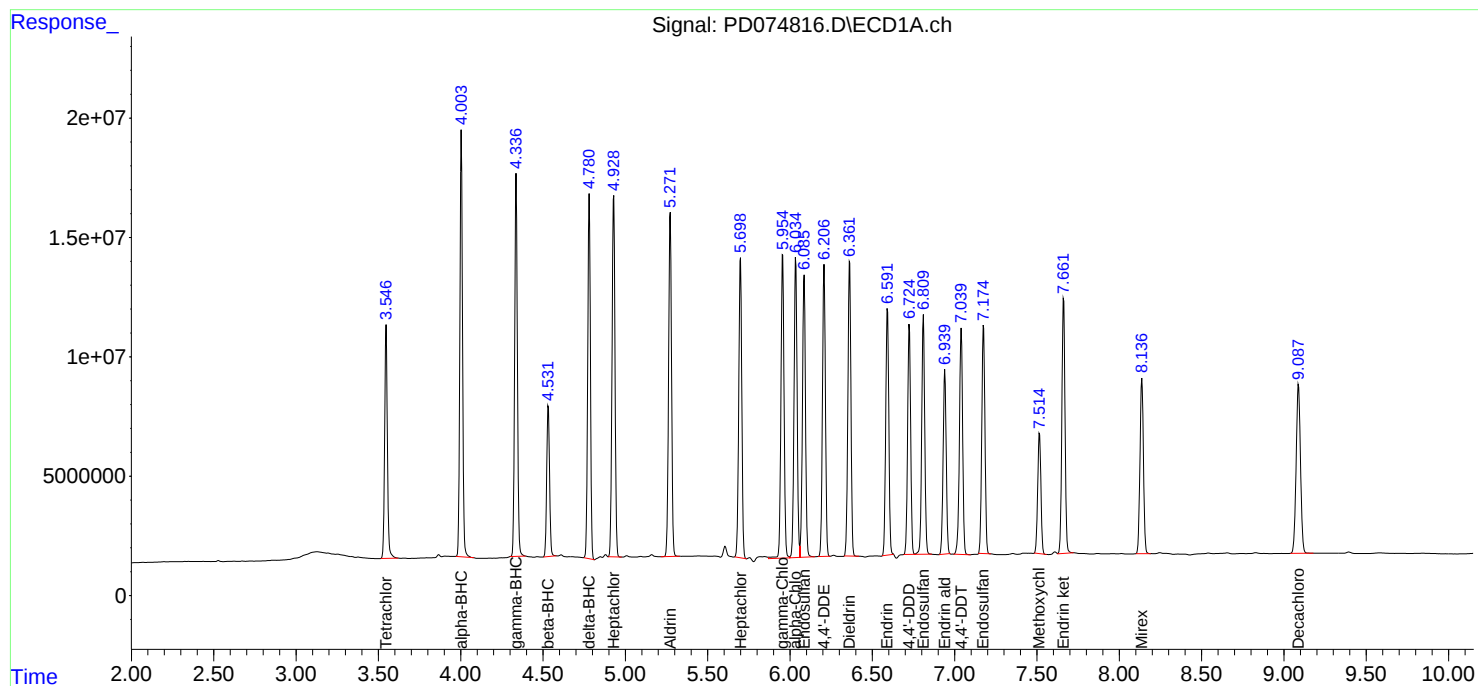
## Manual Integrations

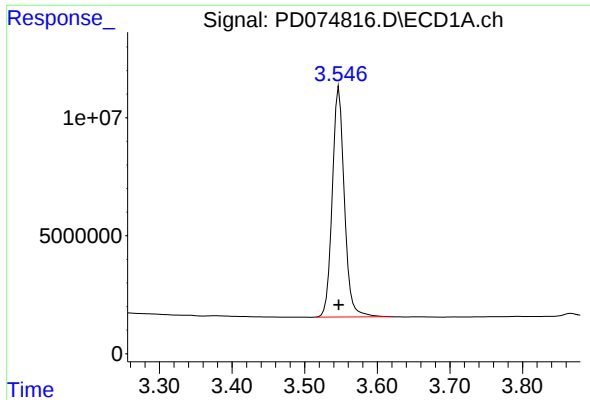
## APPROVED

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Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 20 21:39:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 18 13:17:37 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





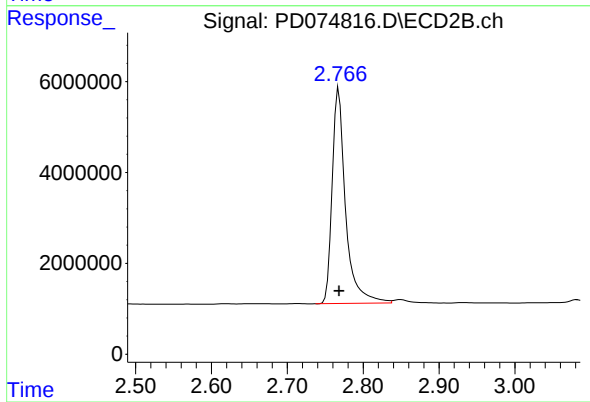
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 112967417  
Conc: 47.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

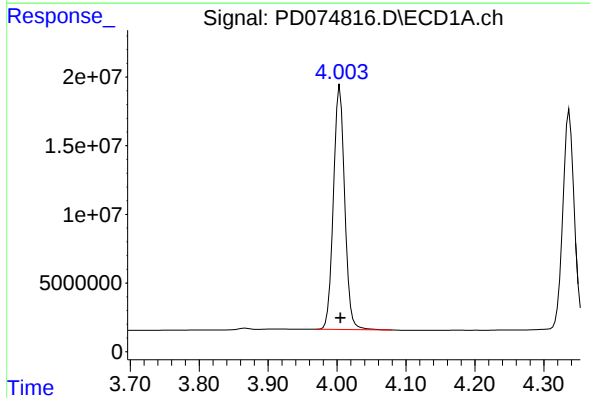
Manual Integrations  
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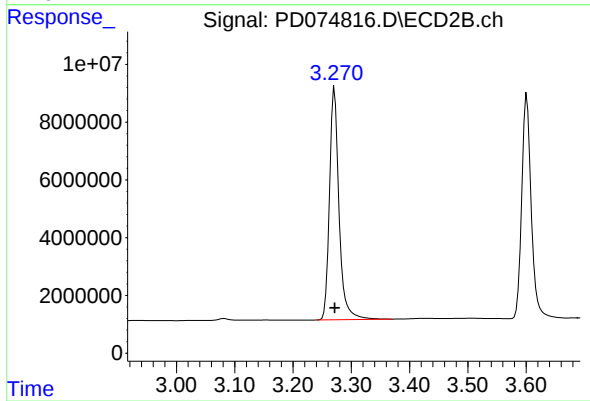
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 58394067  
Conc: 44.80 ng/ml



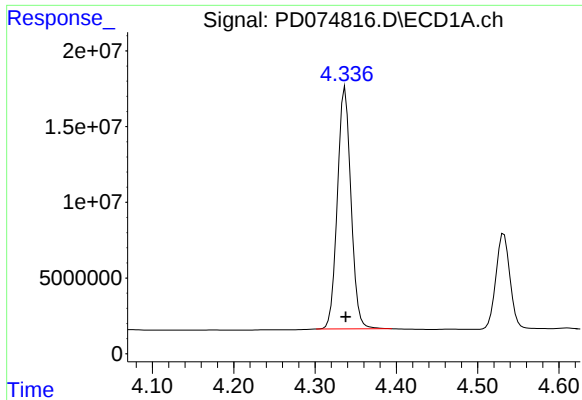
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.000 min  
Response: 201061448  
Conc: 48.34 ng/ml



#2 alpha-BHC

R.T.: 3.271 min  
Delta R.T.: 0.000 min  
Response: 91661245  
Conc: 46.95 ng/ml



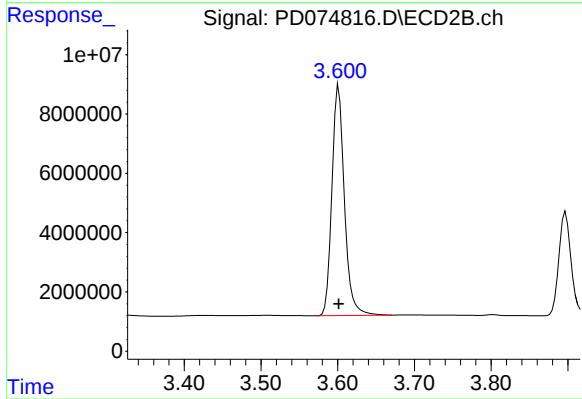
#3 gamma-BHC (Lindane)

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 185177545  
Conc: 47.71 ng/ml

Instrument :  
ECD\_D  
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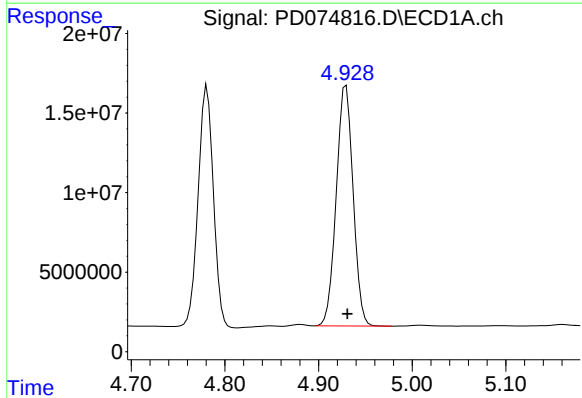
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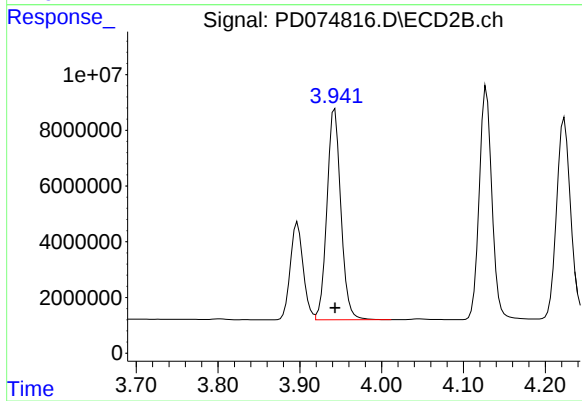
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: 0.000 min  
Response: 87805547  
Conc: 48.38 ng/ml



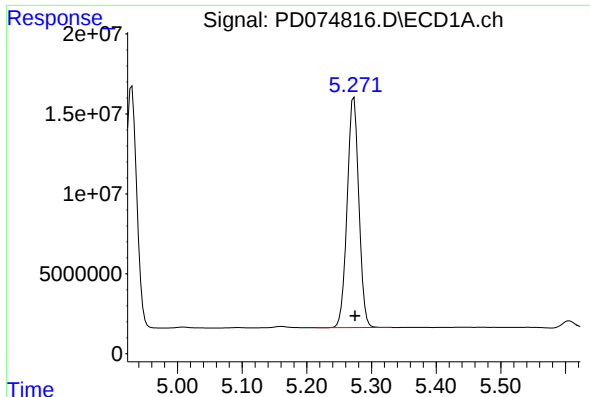
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.001 min  
Response: 189204389  
Conc: 48.38 ng/ml



#4 Heptachlor

R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 89724467  
Conc: 48.51 ng/ml



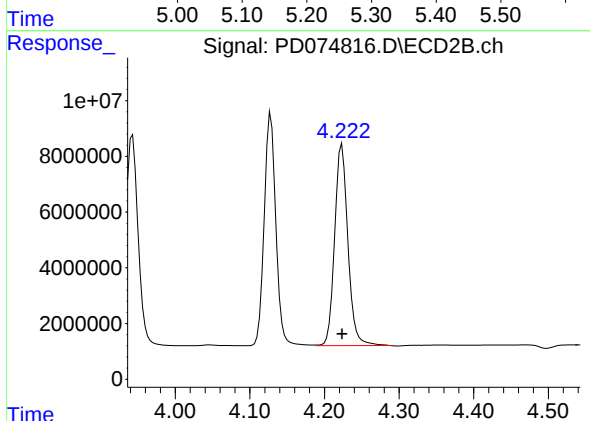
#5 Aldrin

R.T.: 5.273 min  
Delta R.T.: -0.002 min  
Response: 181734964  
Conc: 47.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

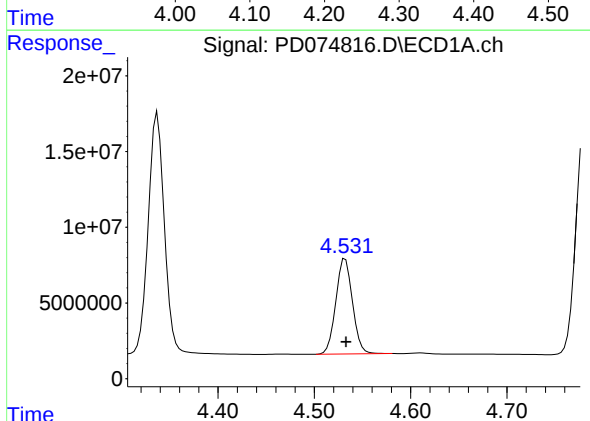
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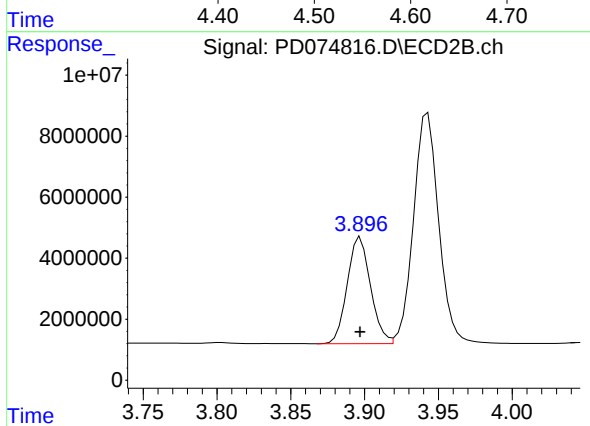
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: 0.000 min  
Response: 89350428  
Conc: 48.33 ng/ml



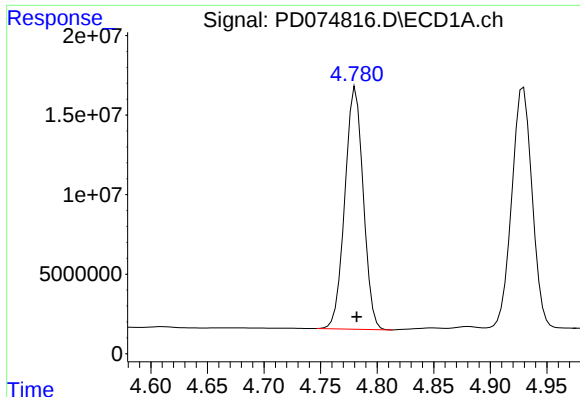
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 75569779  
Conc: 45.05 ng/ml



#6 beta-BHC

R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 38337957  
Conc: 47.20 ng/ml



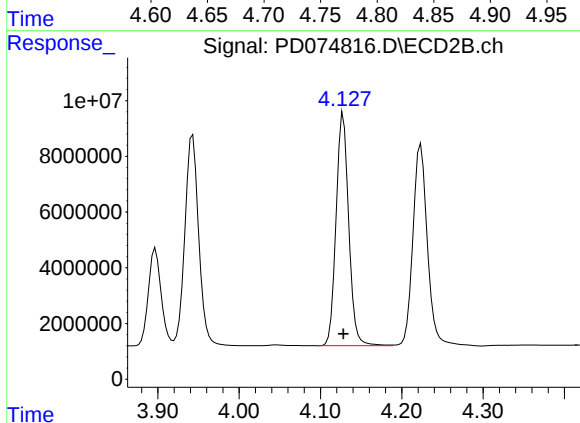
#7 delta-BHC

R.T.: 4.781 min  
Delta R.T.: -0.001 min  
Response: 171981124  
Conc: 53.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

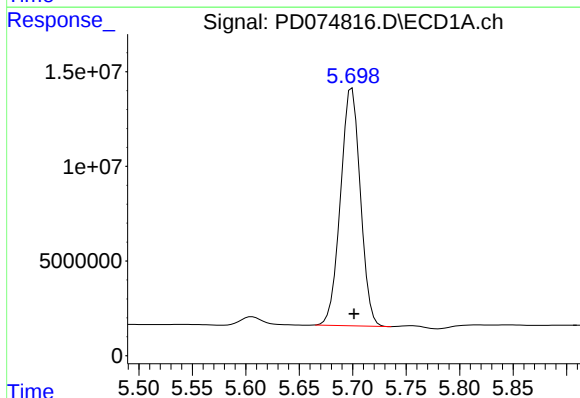
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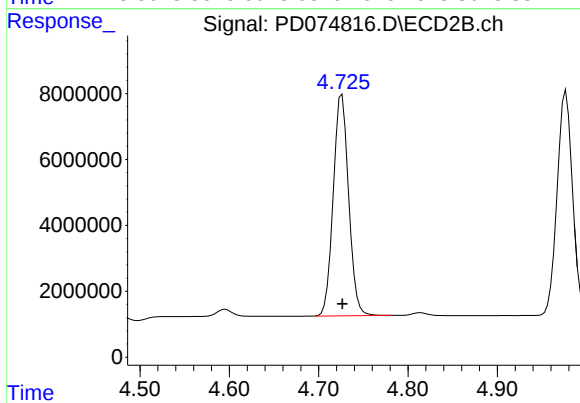
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 90126937  
Conc: 47.93 ng/ml



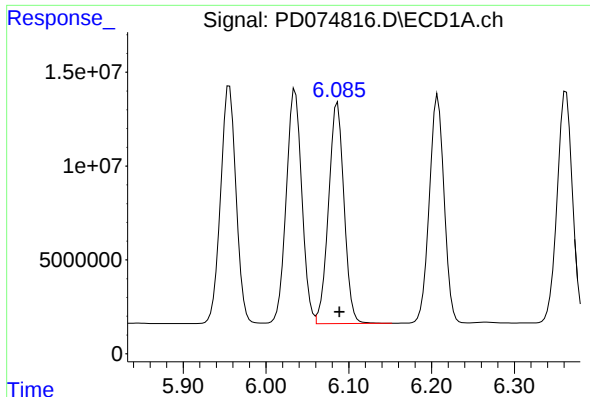
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 162273395  
Conc: 50.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 80339930  
Conc: 47.38 ng/ml



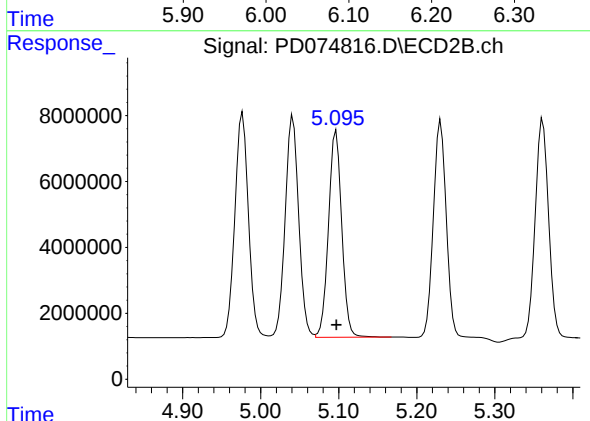
#9 Endosulfan I

R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 153273452  
Conc: 46.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

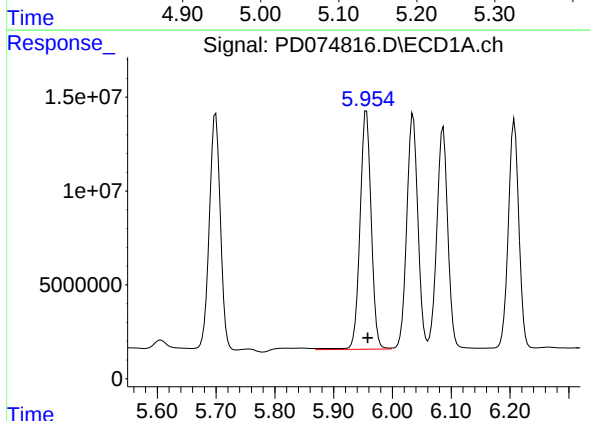
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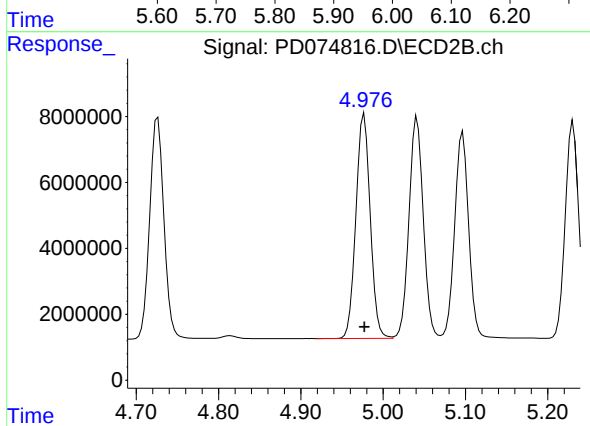
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 73949431  
Conc: 46.11 ng/ml



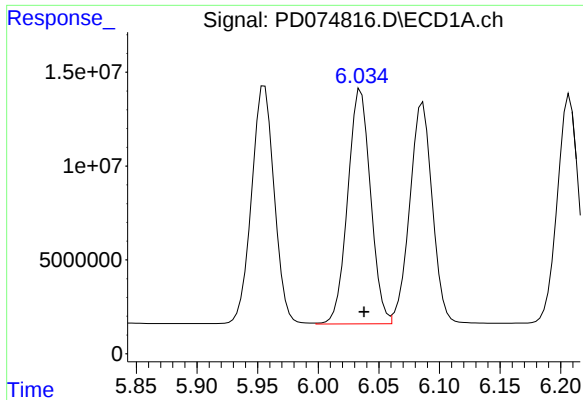
#10 gamma-Chlordane

R.T.: 5.956 min  
Delta R.T.: -0.002 min  
Response: 168053256  
Conc: 48.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 82431523  
Conc: 47.61 ng/ml



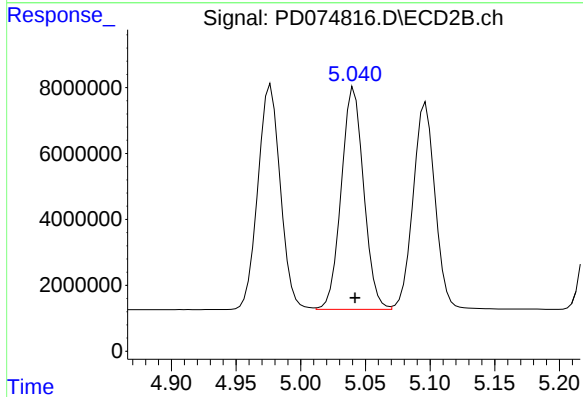
#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 164024954  
Conc: 47.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

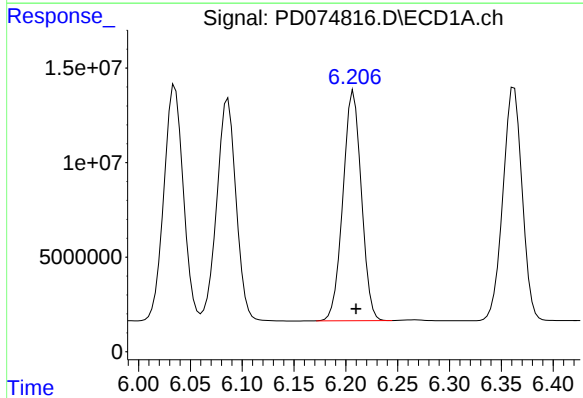
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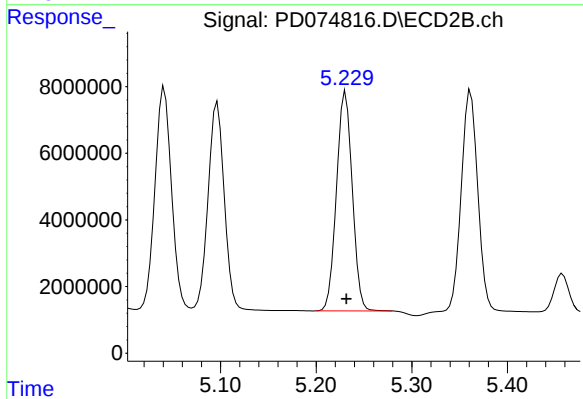
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 81164494  
Conc: 47.38 ng/ml



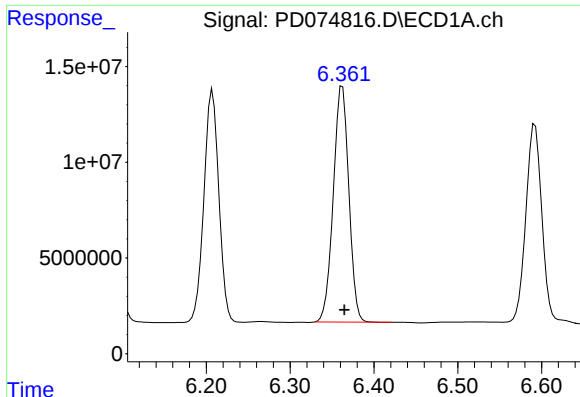
#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: -0.002 min  
Response: 150339380  
Conc: 46.89 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 75632100  
Conc: 48.22 ng/ml



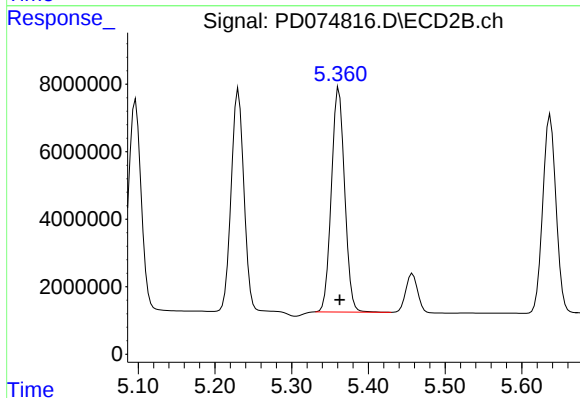
#13 Dieldrin

R.T.: 6.362 min  
Delta R.T.: -0.002 min  
Response: 158614155  
Conc: 46.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

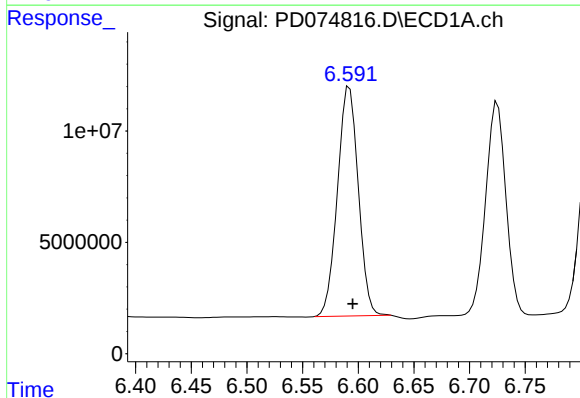
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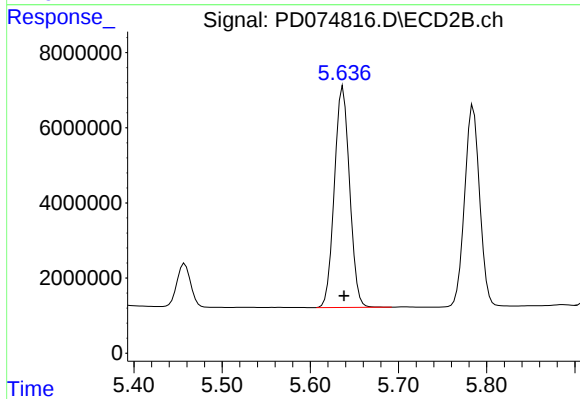
#13 Dieldrin

R.T.: 5.362 min  
Delta R.T.: -0.001 min  
Response: 79656269  
Conc: 47.44 ng/ml



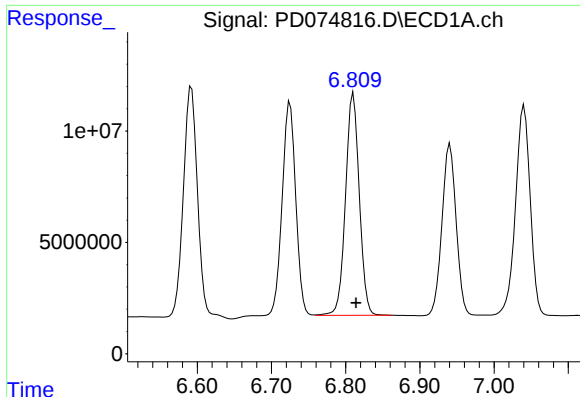
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: -0.003 min  
Response: 134378252  
Conc: 46.25 ng/ml



#14 Endrin

R.T.: 5.637 min  
Delta R.T.: -0.001 min  
Response: 70616022  
Conc: 46.80 ng/ml



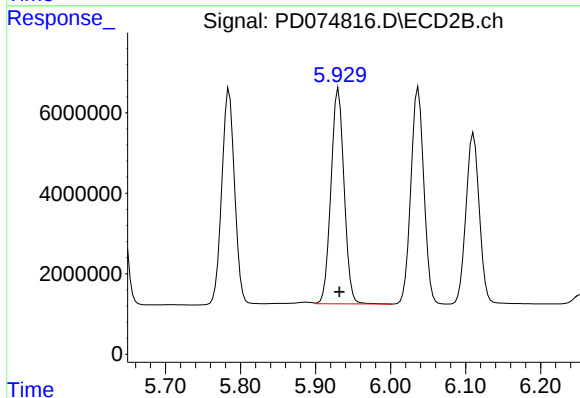
#15 Endosulfan II

R.T.: 6.810 min  
Delta R.T.: -0.004 min  
Response: 128396746  
Conc: 44.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

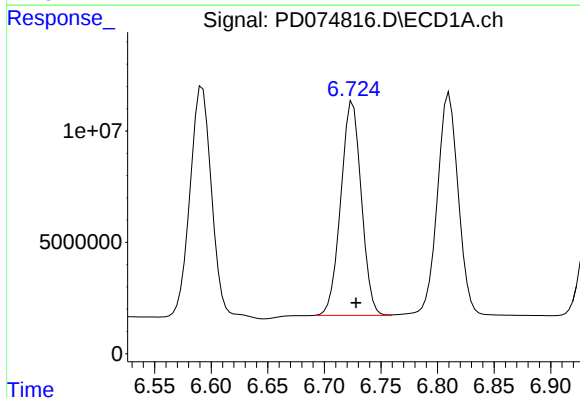
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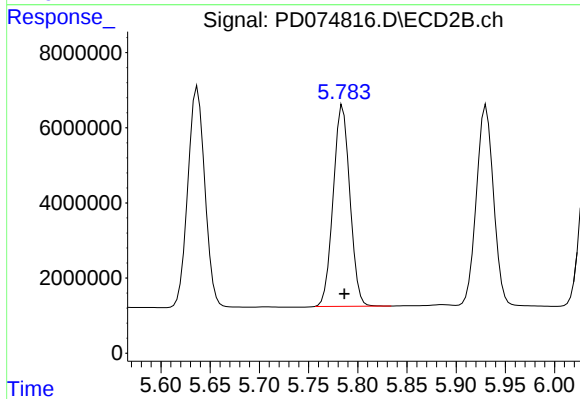
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: -0.001 min  
Response: 65035308  
Conc: 47.30 ng/ml



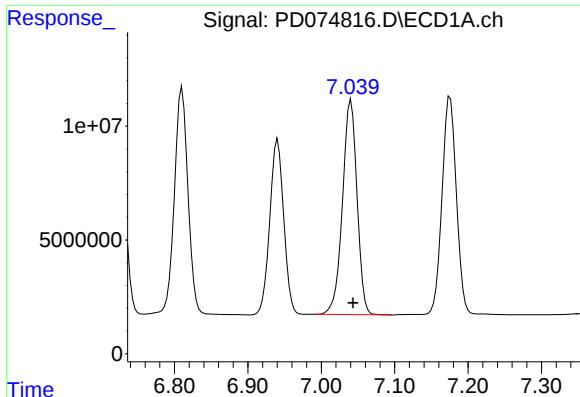
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: -0.003 min  
Response: 121449093  
Conc: 45.83 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 63193839  
Conc: 47.93 ng/ml



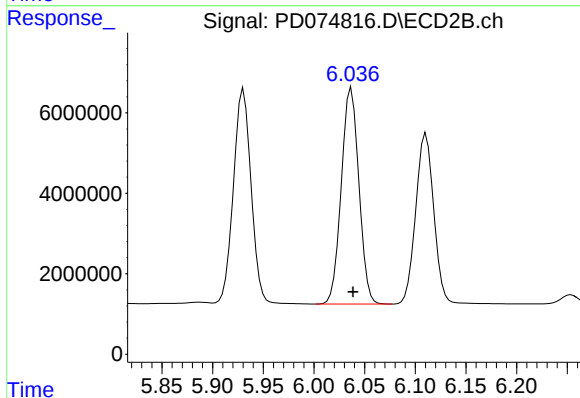
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: -0.003 min  
Response: 130000294  
Conc: 44.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

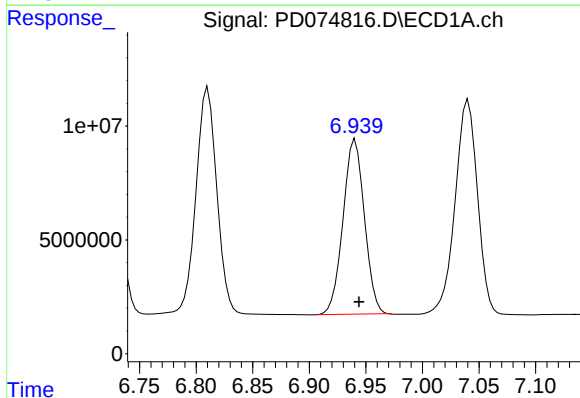
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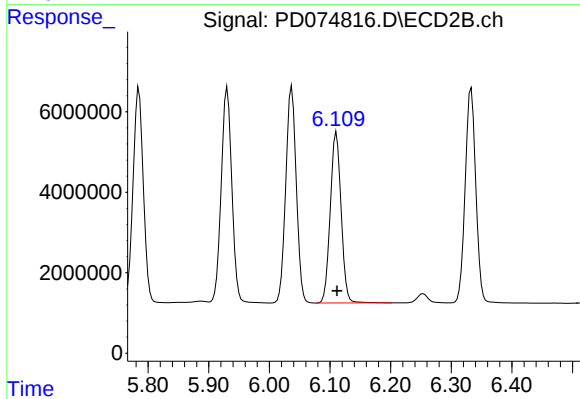
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: -0.001 min  
Response: 64778396  
Conc: 47.96 ng/ml



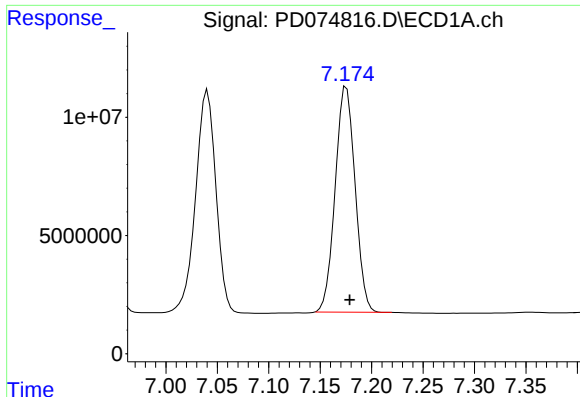
#18 Endrin aldehyde

R.T.: 6.939 min  
Delta R.T.: -0.005 min  
Response: 101055777  
Conc: 44.01 ng/ml m



#18 Endrin aldehyde

R.T.: 6.111 min  
Delta R.T.: -0.001 min  
Response: 52789485  
Conc: 47.29 ng/ml



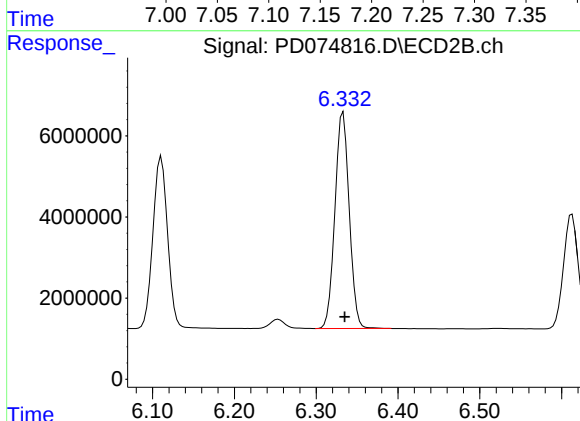
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: -0.003 min  
Response: 128469112  
Conc: 44.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

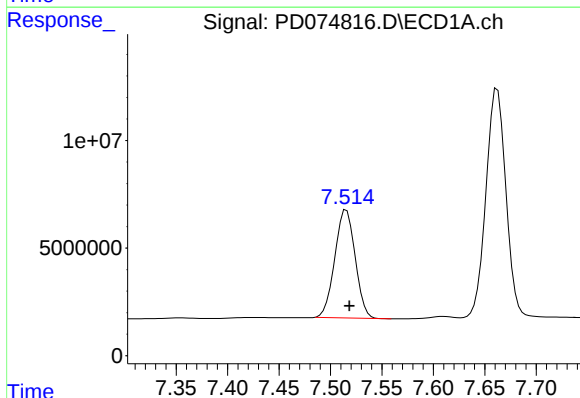
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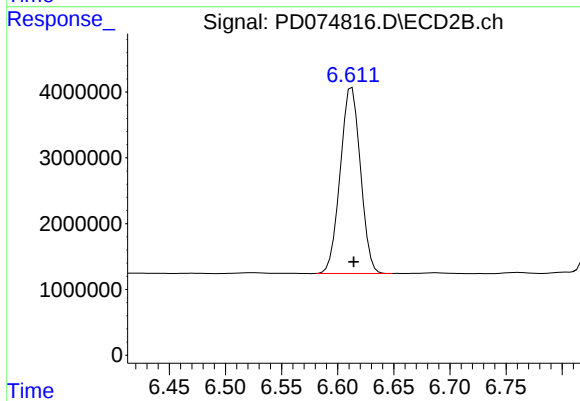
#19 Endosulfan Sulfate

R.T.: 6.333 min  
Delta R.T.: -0.002 min  
Response: 64828025  
Conc: 46.91 ng/ml



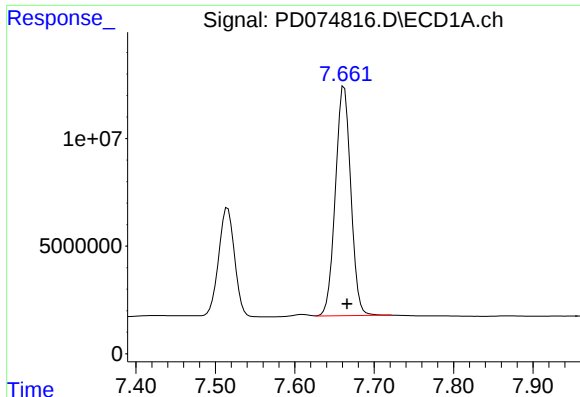
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: -0.003 min  
Response: 69225997  
Conc: 42.51 ng/ml



#20 Methoxychlor

R.T.: 6.613 min  
Delta R.T.: -0.002 min  
Response: 35427484  
Conc: 47.00 ng/ml



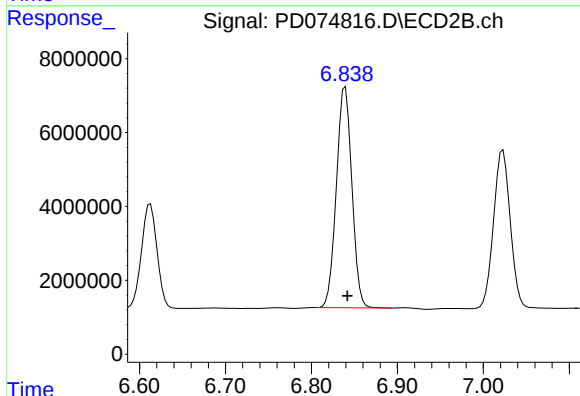
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.004 min  
Response: 144076536  
Conc: 44.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

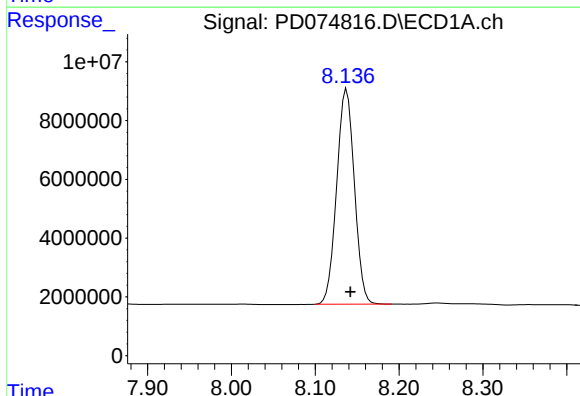
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023



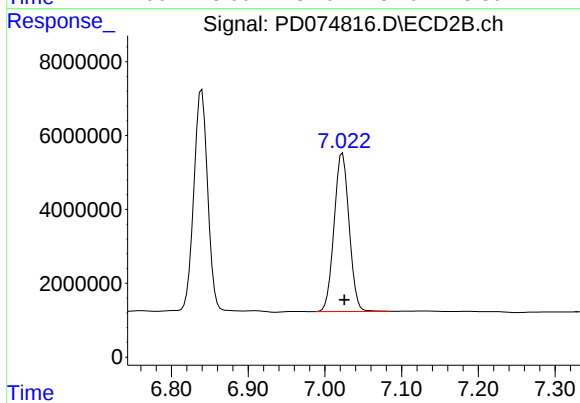
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: -0.003 min  
Response: 74804651  
Conc: 45.78 ng/ml



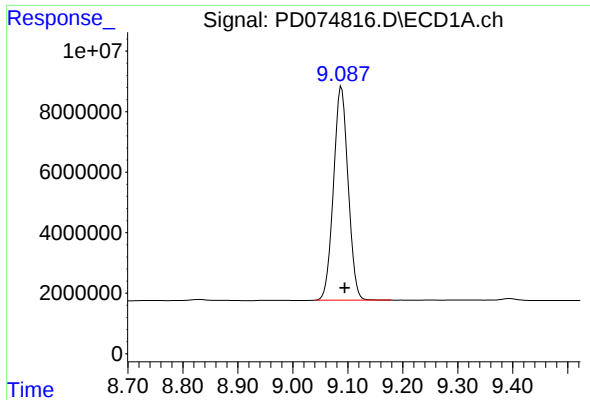
#22 Mirex

R.T.: 8.137 min  
Delta R.T.: -0.005 min  
Response: 107211718  
Conc: 43.18 ng/ml



#22 Mirex

R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 58287464  
Conc: 45.17 ng/ml



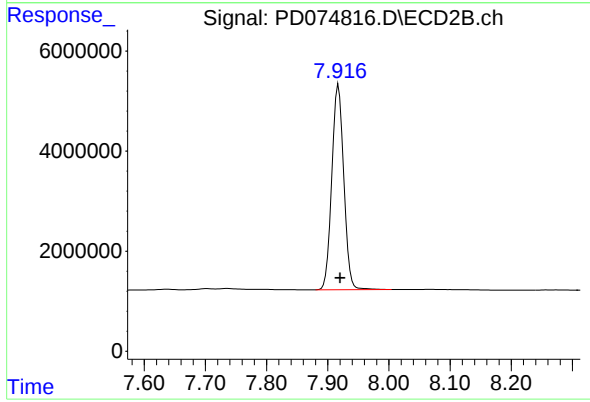
#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: -0.006 min  
Response: 130300986  
Conc: 42.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: -0.003 min  
Response: 55812268  
Conc: 41.84 ng/ml