

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
 Data File : PD074868.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2023 05:58  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 6 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 21 06:45:53 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 | 134.8E6  | 69645872 | 56.498  | 53.428 |
| 28)                         | SA Decachlor... | 9.088 | 7.918 | 144.4E6  | 60841945 | 47.540  | 45.614 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.004 | 3.272 | 240.9E6  | 109.4E6  | 57.924  | 56.031 |
| 3)                          | MA gamma-BHC... | 4.337 | 3.602 | 216.6E6  | 98816555 | 55.821  | 54.449 |
| 4)                          | MA Heptachlor   | 4.929 | 3.943 | 207.2E6  | 92829049 | 52.965  | 50.188 |
| 5)                          | MB Aldrin       | 5.272 | 4.223 | 220.7E6  | 98912711 | 57.425  | 53.502 |
| 6)                          | B beta-BHC      | 4.532 | 3.897 | 89465591 | 43158607 | 53.331  | 53.137 |
| 7)                          | B delta-BHC     | 4.781 | 4.128 | 219.0E6  | 102.2E6  | 68.669  | 54.334 |
| 8)                          | B Heptachlo...  | 5.699 | 4.726 | 192.5E6  | 89441534 | 59.588  | 52.743 |
| 9)                          | A Endosulfan I  | 6.086 | 5.096 | 183.3E6  | 83155535 | 56.166  | 51.853 |
| 10)                         | B gamma-Chl...  | 5.955 | 4.976 | 201.2E6  | 91792197 | 58.014  | 53.012 |
| 11)                         | B alpha-Chl...  | 6.035 | 5.040 | 195.5E6  | 89619867 | 56.284  | 52.312 |
| 12)                         | B 4,4'-DDE      | 6.207 | 5.230 | 182.3E6  | 84312509 | 56.848  | 53.758 |
| 13)                         | MA Dieldrin     | 6.361 | 5.361 | 190.5E6  | 88525193 | 55.853  | 52.727 |
| 14)                         | MA Endrin       | 6.592 | 5.636 | 149.5E6  | 76324557 | 51.460  | 50.580 |
| 15)                         | B Endosulfa...  | 6.810 | 5.930 | 151.8E6  | 71271028 | 52.921  | 51.831 |
| 16)                         | A 4,4'-DDD      | 6.724 | 5.785 | 149.7E6  | 73142464 | 56.505  | 55.479 |
| 17)                         | MA 4,4'-DDT     | 7.040 | 6.036 | 125.2E6  | 57199625 | 42.964  | 42.352 |
| 18)                         | B Endrin al...  | 6.939 | 6.110 | 120.9E6  | 57401208 | 52.632m | 51.419 |
| 19)                         | B Endosulfa...  | 7.175 | 6.332 | 149.3E6  | 70634298 | 51.675  | 51.113 |
| 20)                         | A Methoxychlor  | 7.514 | 6.612 | 65863038 | 32245761 | 40.444m | 42.783 |
| 21)                         | B Endrin ke...  | 7.662 | 6.840 | 164.8E6  | 79365992 | 50.599  | 48.566 |
| 22)                         | Mirex           | 8.138 | 7.023 | 121.7E6  | 62591154 | 49.016  | 48.509 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
Data File : PD074868.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2023 05:58  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

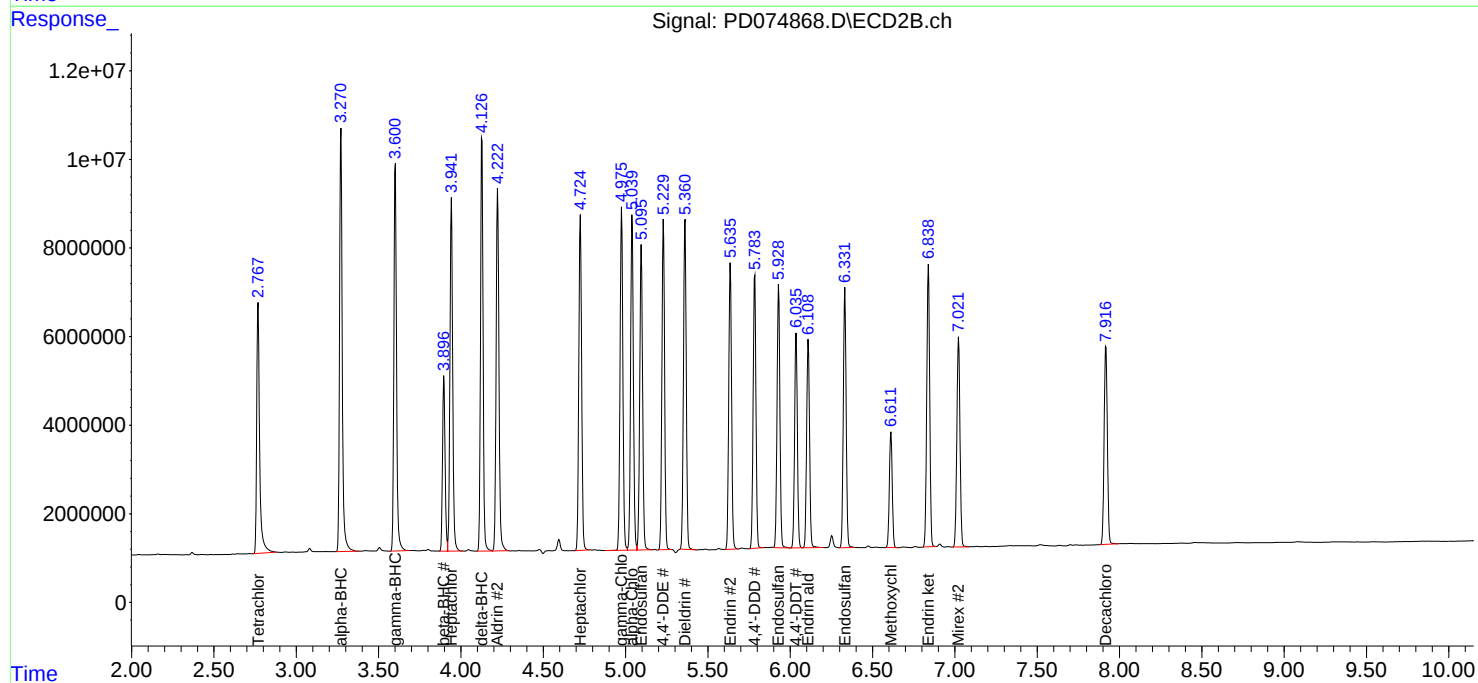
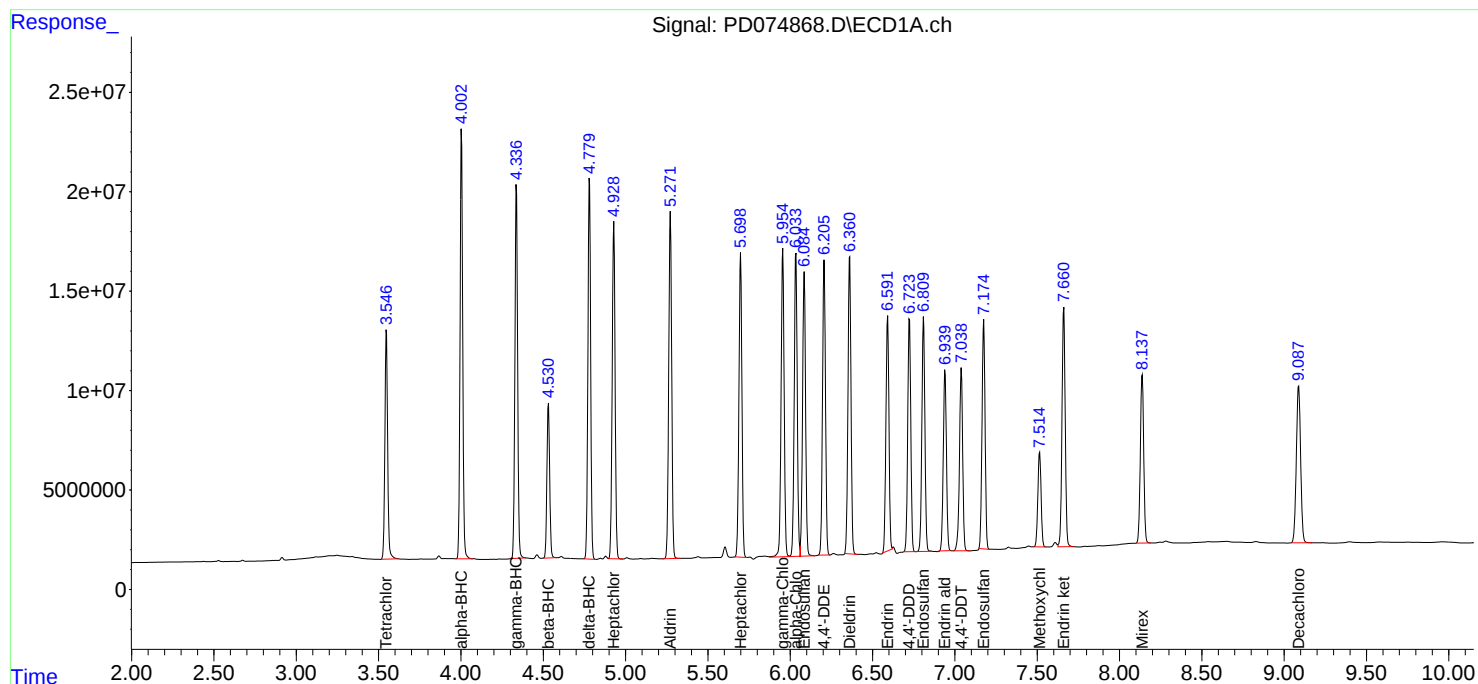
## APPROVED

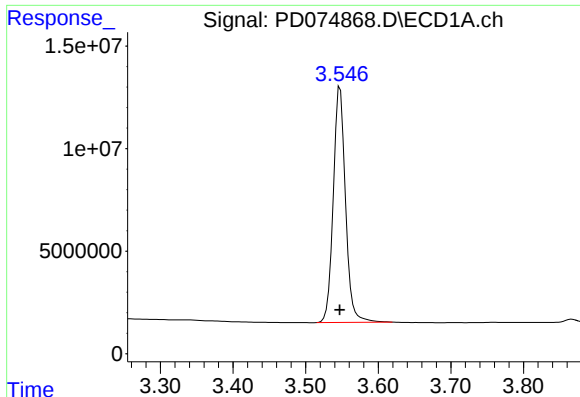
Reviewed By :Yogesh Patel 04/21/2023

Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 06:45:53 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 18 13:17:37 2023  
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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: 134760123  
Conc: 56.50 ng/ml

Instrument :

ECD\_D

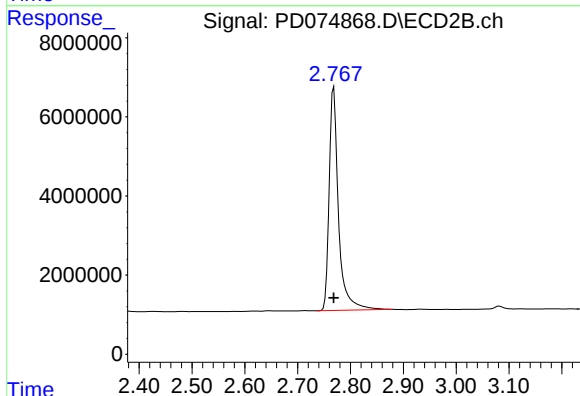
ClientSampleId :

PSTDCCC050

Manual Integrations

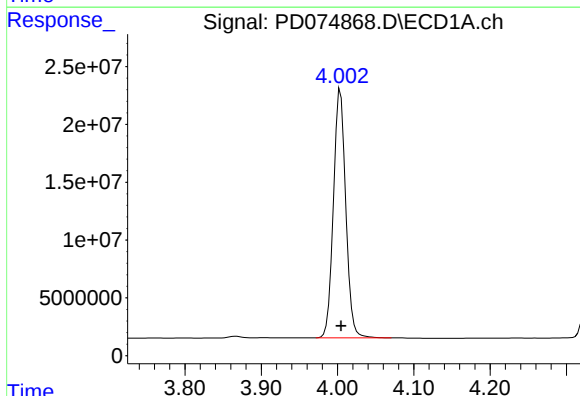
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Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023



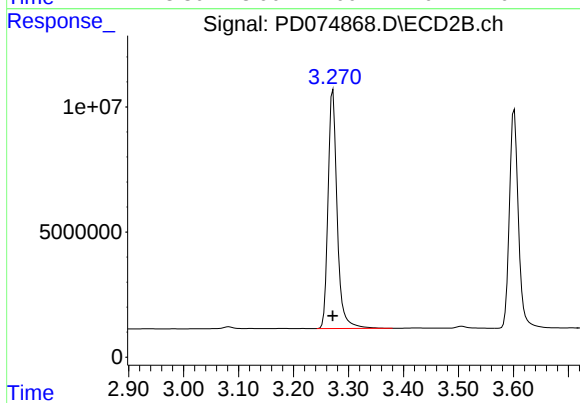
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 69645872  
Conc: 53.43 ng/ml



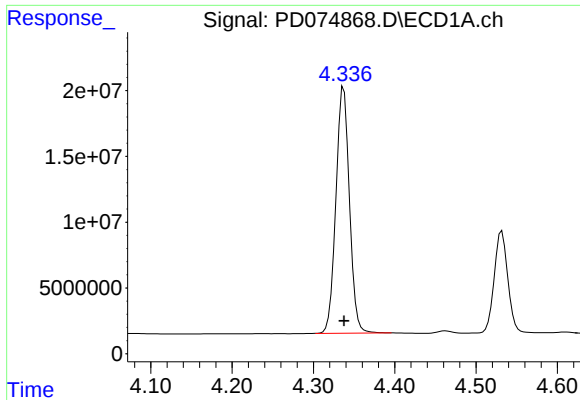
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.000 min  
Response: 240918449  
Conc: 57.92 ng/ml



#2 alpha-BHC

R.T.: 3.272 min  
Delta R.T.: 0.000 min  
Response: 109400162  
Conc: 56.03 ng/ml



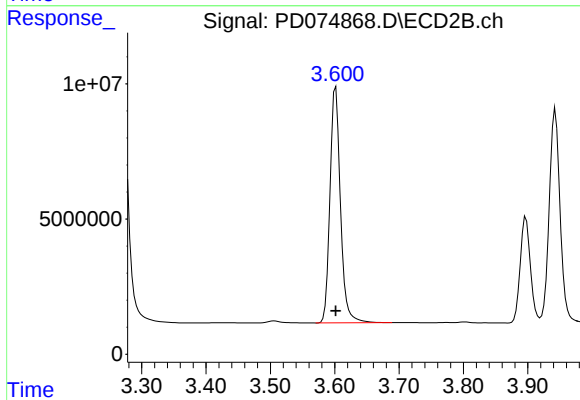
#3 gamma-BHC (Lindane)

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 216646658  
Conc: 55.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

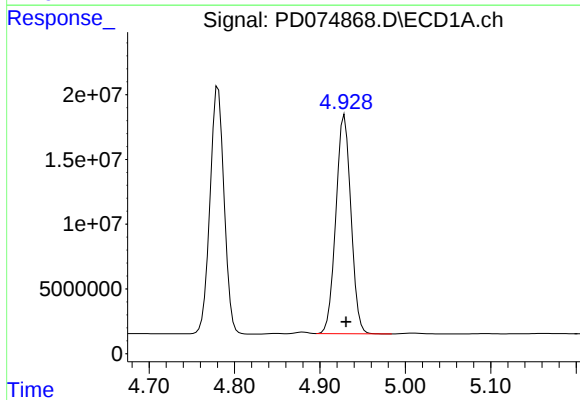
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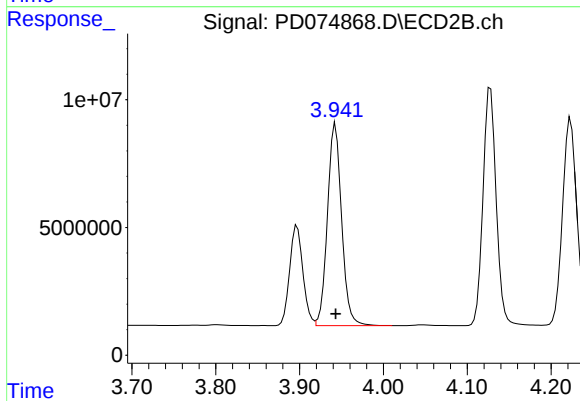
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: 0.000 min  
Response: 98816555  
Conc: 54.45 ng/ml



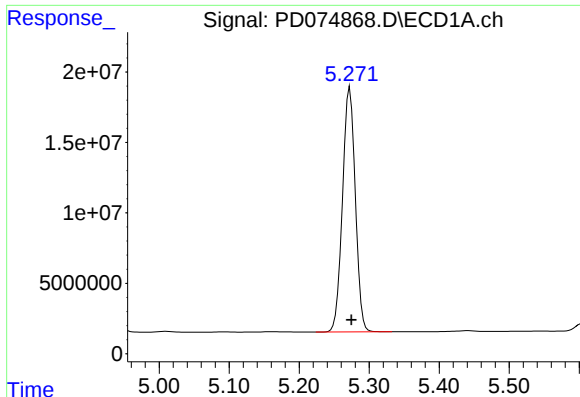
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.002 min  
Response: 207153832  
Conc: 52.96 ng/ml



#4 Heptachlor

R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 92829049  
Conc: 50.19 ng/ml



#5 Aldrin

R.T.: 5.272 min  
Delta R.T.: -0.002 min  
Response: 220678183  
Conc: 57.43 ng/ml

Instrument :

ECD\_D

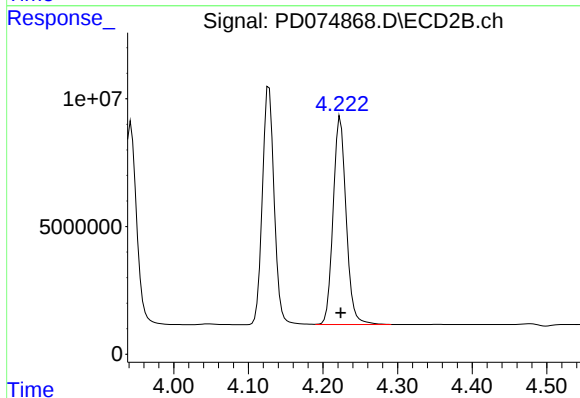
ClientSampleId :

PSTDCCC050

Manual Integrations

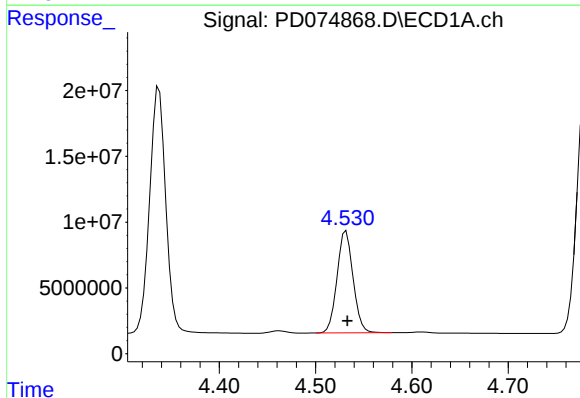
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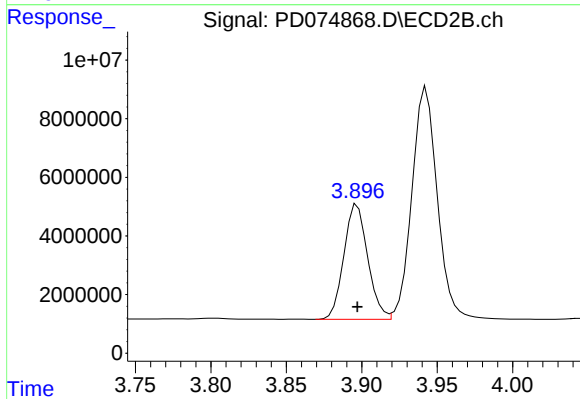
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: 0.000 min  
Response: 98912711  
Conc: 53.50 ng/ml



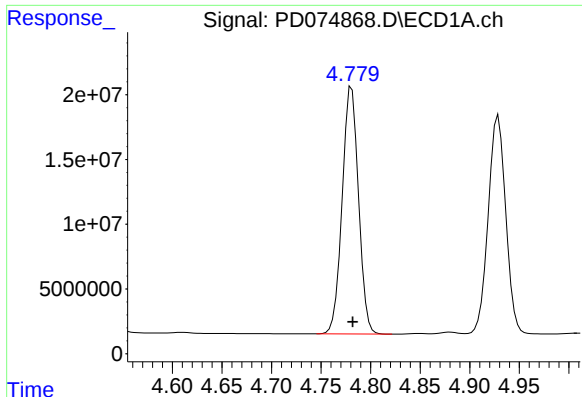
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: -0.001 min  
Response: 89465591  
Conc: 53.33 ng/ml



#6 beta-BHC

R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 43158607  
Conc: 53.14 ng/ml



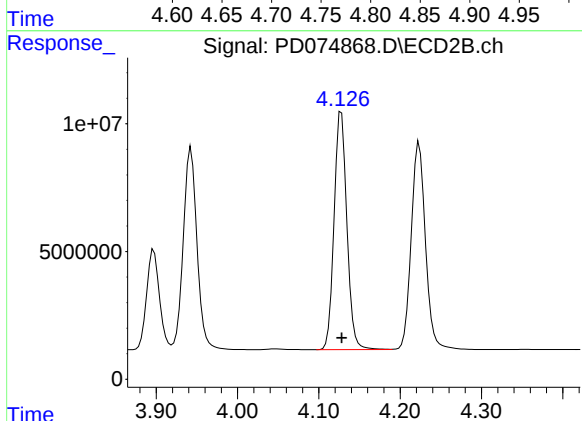
#7 delta-BHC

R.T.: 4.781 min  
Delta R.T.: -0.001 min  
Response: 218955351  
Conc: 68.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

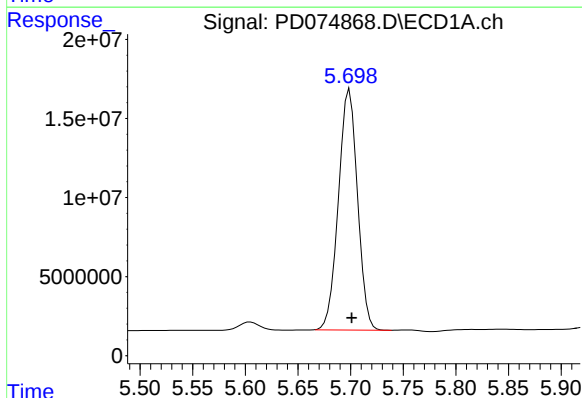
Manual Integrations  
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Reviewed By :Yogesh Patel 04/21/2023  
Supervised By :Ankita Jodhani 04/21/2023



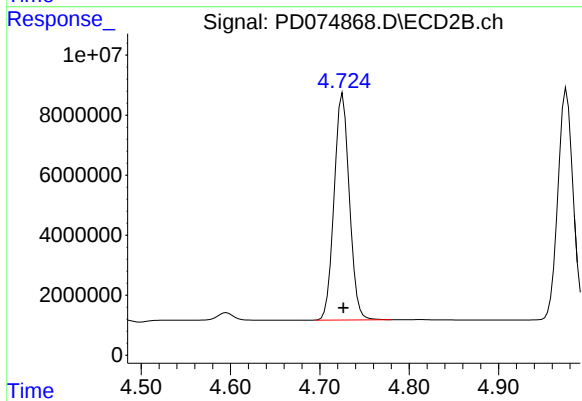
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 102159547  
Conc: 54.33 ng/ml



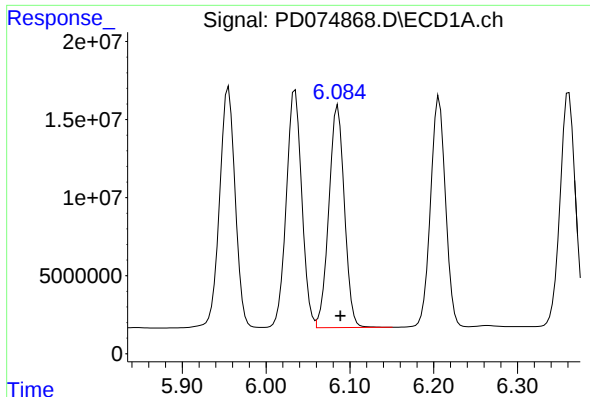
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 192546131  
Conc: 59.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 89441534  
Conc: 52.74 ng/ml



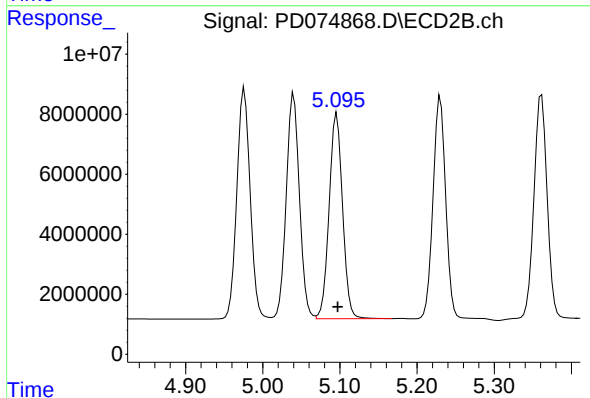
#9 Endosulfan I

R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 183259362  
Conc: 56.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

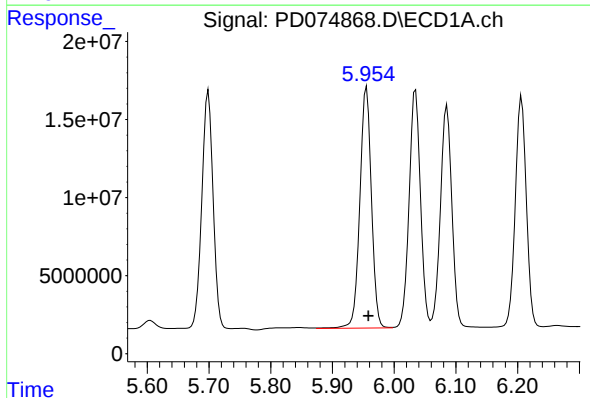
Manual Integrations  
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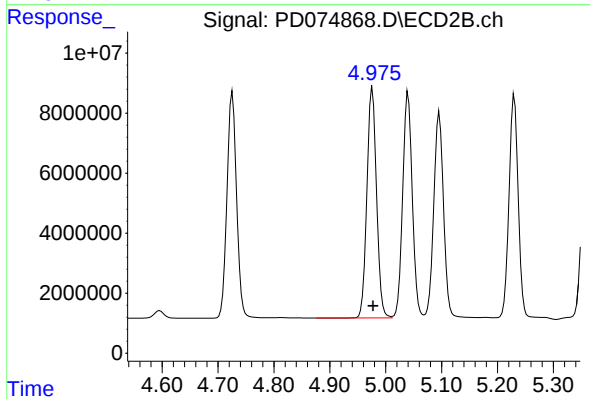
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: -0.001 min  
Response: 83155535  
Conc: 51.85 ng/ml



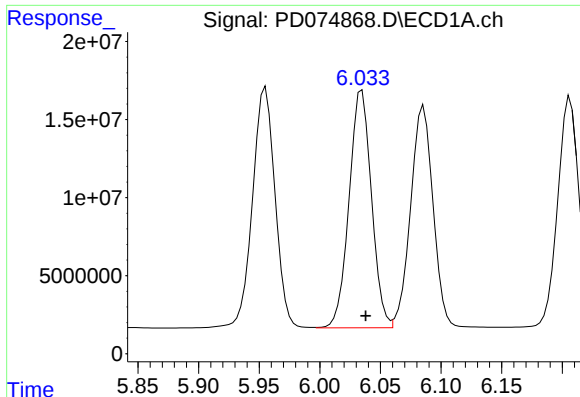
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 201189057  
Conc: 58.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: -0.001 min  
Response: 91792197  
Conc: 53.01 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 195526969  
Conc: 56.28 ng/ml

Instrument :

ECD\_D

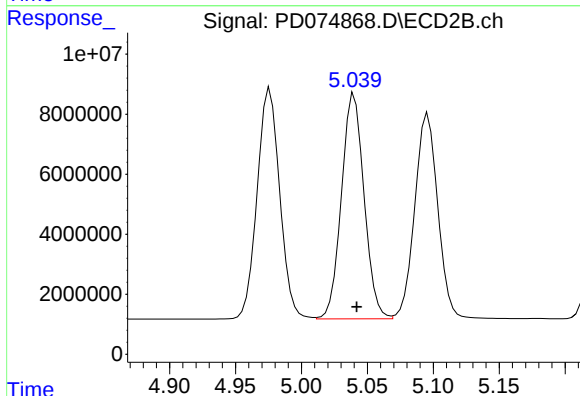
ClientSampleId :

PSTDCCC050

Manual Integrations

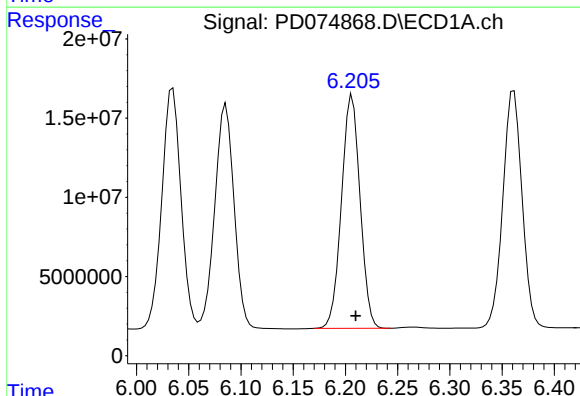
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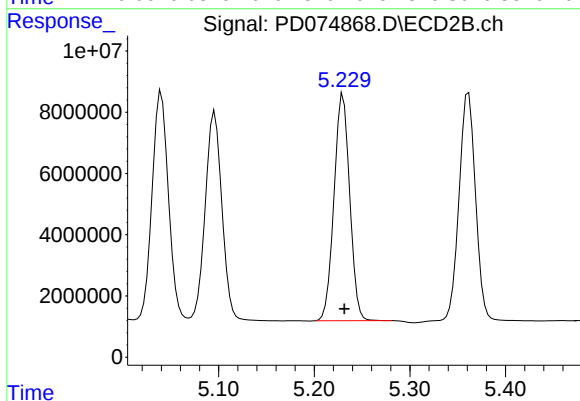
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: -0.002 min  
Response: 89619867  
Conc: 52.31 ng/ml



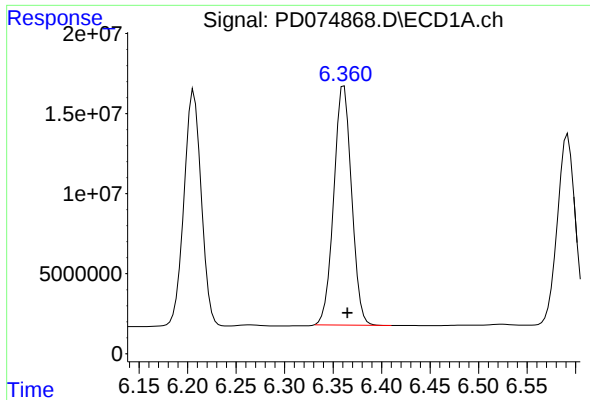
#12 4,4'-DDE

R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 182253994  
Conc: 56.85 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: -0.001 min  
Response: 84312509  
Conc: 53.76 ng/ml



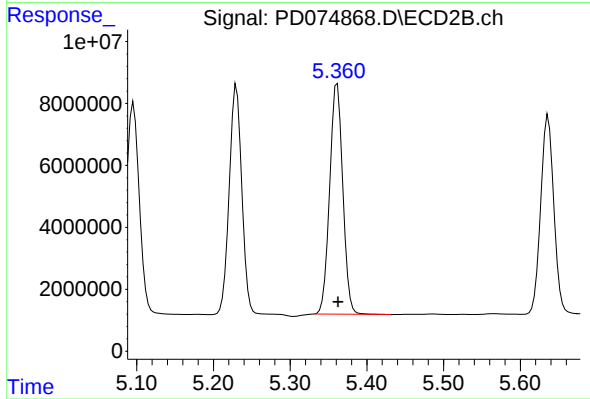
#13 Dieldrin

R.T.: 6.361 min  
Delta R.T.: -0.003 min  
Response: 190516372  
Conc: 55.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

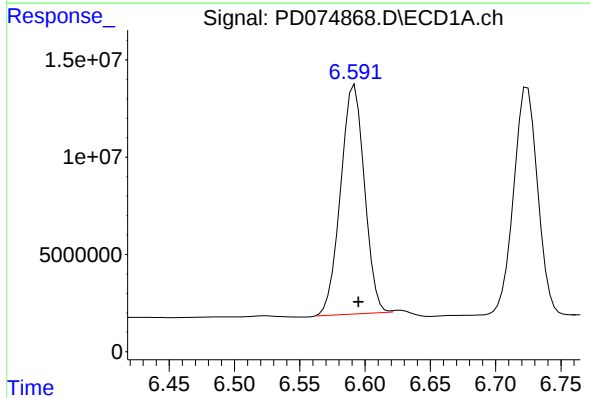
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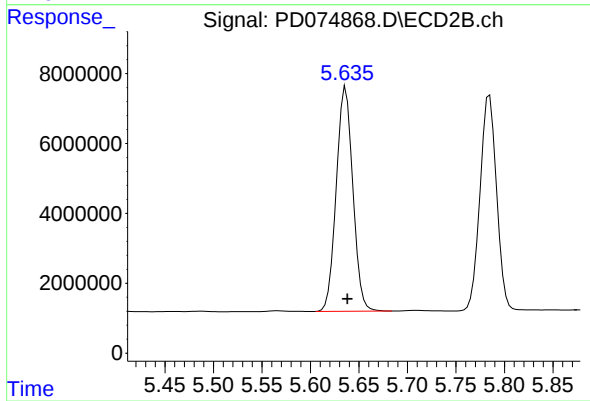
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: -0.001 min  
Response: 88525193  
Conc: 52.73 ng/ml



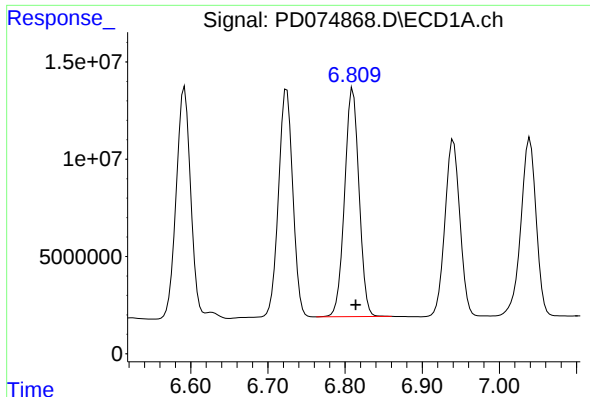
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: -0.003 min  
Response: 149515614  
Conc: 51.46 ng/ml



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: -0.002 min  
Response: 76324557  
Conc: 50.58 ng/ml



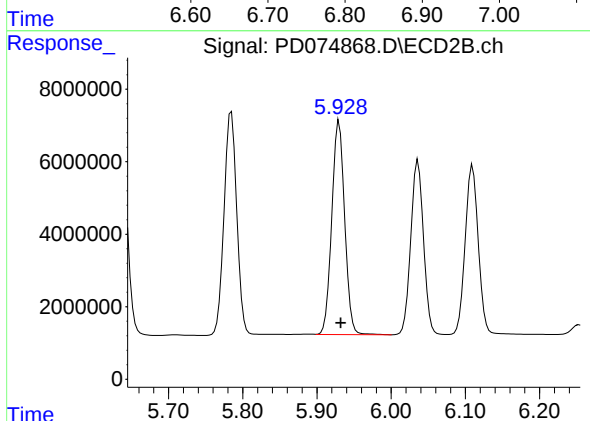
#15 Endosulfan II

R.T.: 6.810 min  
Delta R.T.: -0.004 min  
Response: 151840494  
Conc: 52.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

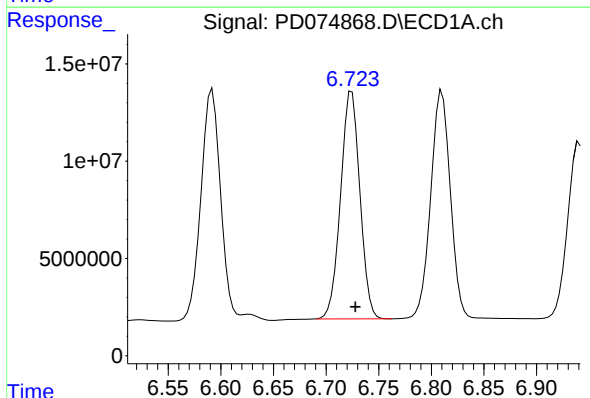
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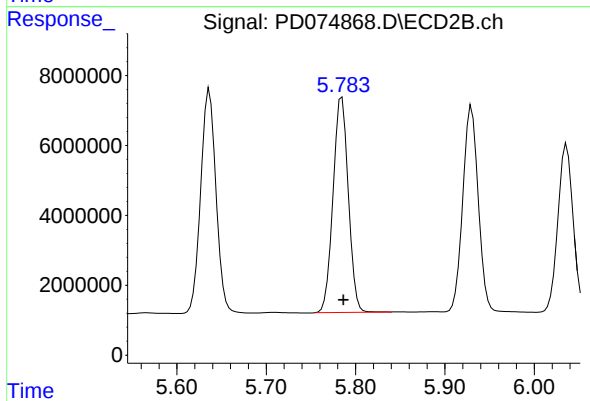
#15 Endosulfan II

R.T.: 5.930 min  
Delta R.T.: -0.002 min  
Response: 71271028  
Conc: 51.83 ng/ml



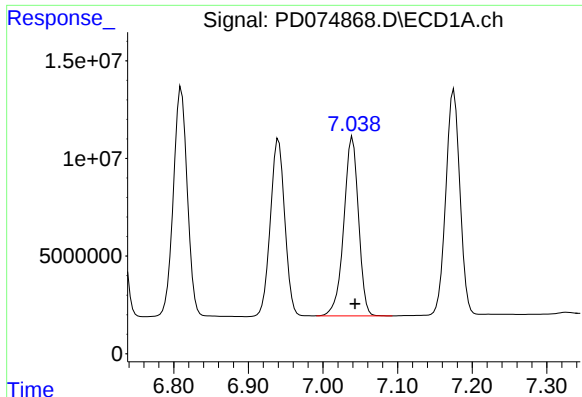
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: -0.003 min  
Response: 149725030  
Conc: 56.51 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 73142464  
Conc: 55.48 ng/ml



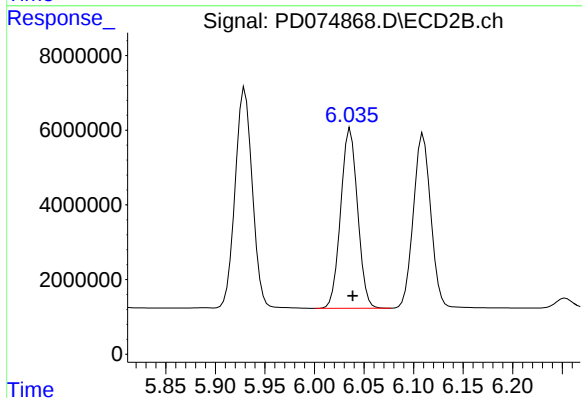
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: -0.004 min  
Response: 125176441  
Conc: 42.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

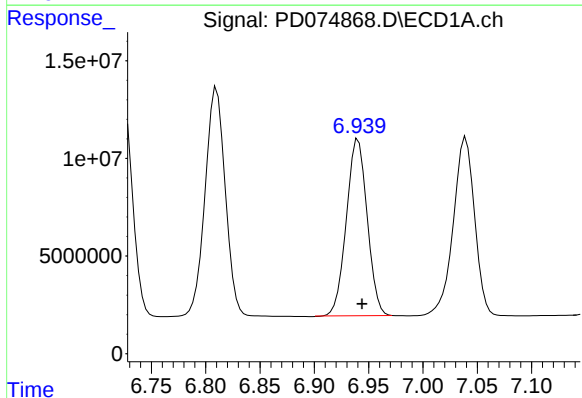
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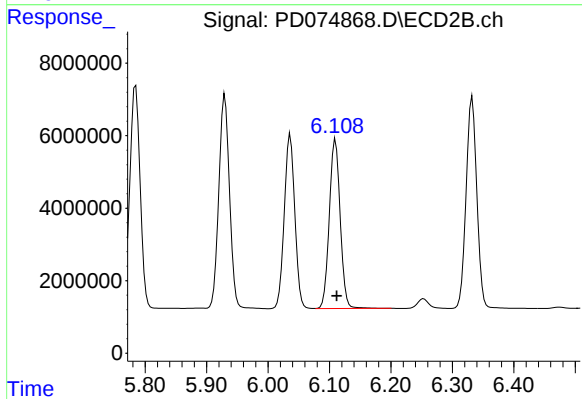
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 57199625  
Conc: 42.35 ng/ml



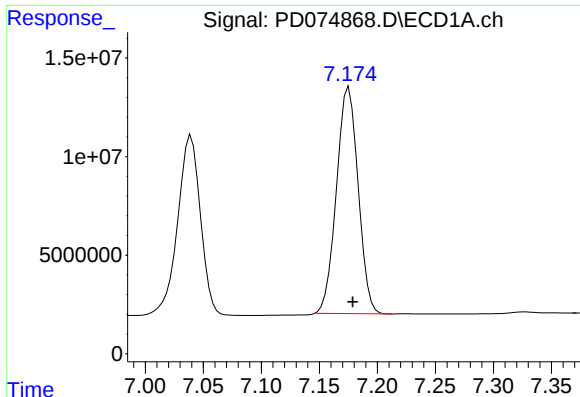
#18 Endrin aldehyde

R.T.: 6.939 min  
Delta R.T.: -0.005 min  
Response: 120858860  
Conc: 52.63 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 57401208  
Conc: 51.42 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: -0.003 min  
Response: 149260762  
Conc: 51.68 ng/ml

Instrument :

ECD\_D

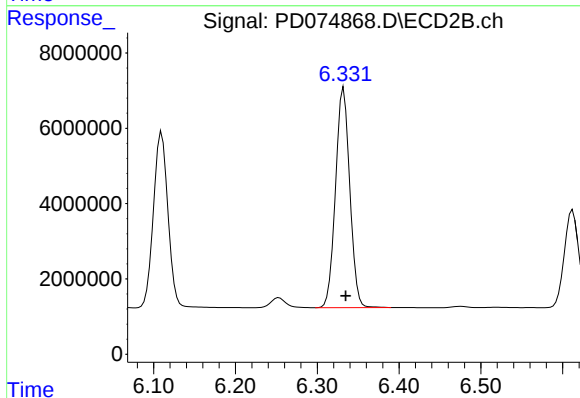
ClientSampleId :

PSTDCCC050

Manual Integrations

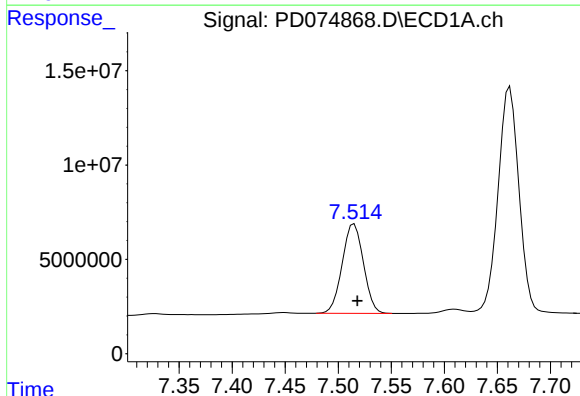
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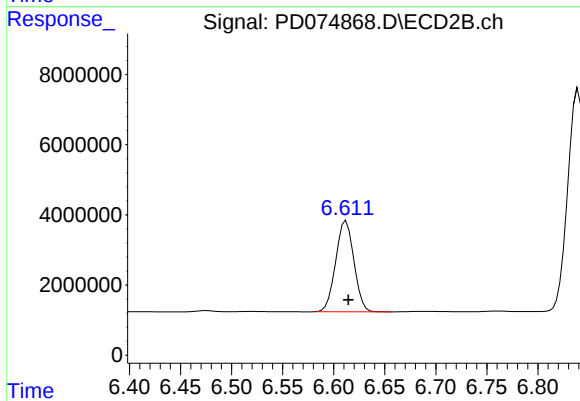
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: -0.002 min  
Response: 70634298  
Conc: 51.11 ng/ml



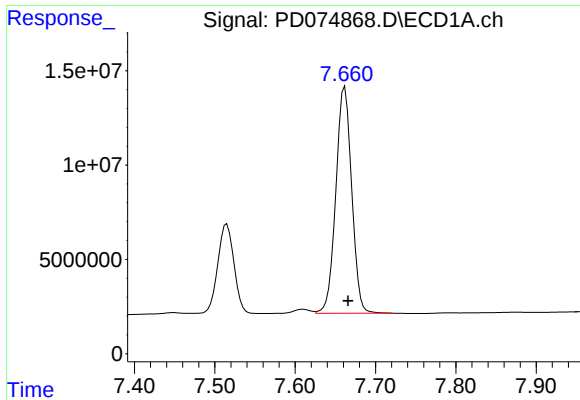
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: -0.005 min  
Response: 65863038  
Conc: 40.44 ng/ml m



#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: -0.002 min  
Response: 32245761  
Conc: 42.78 ng/ml



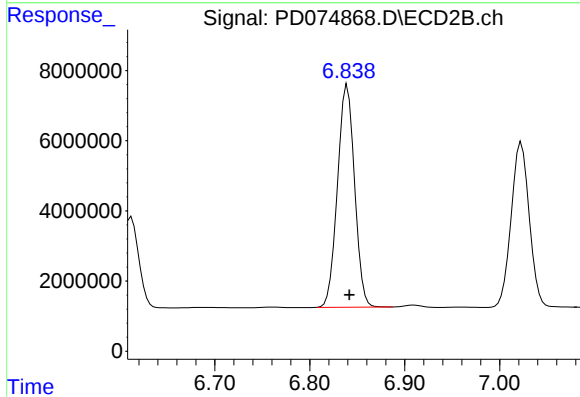
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.004 min  
Response: 164802583  
Conc: 50.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

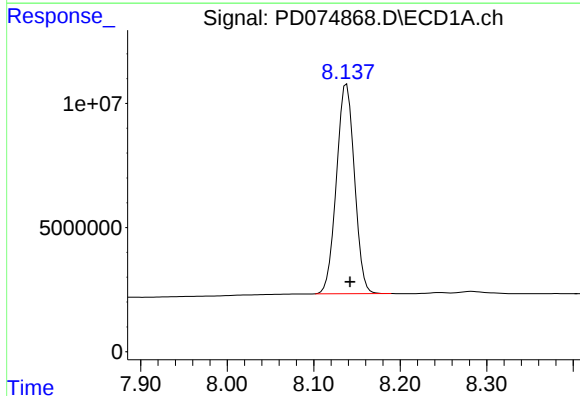
Manual Integrations  
APPROVED

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



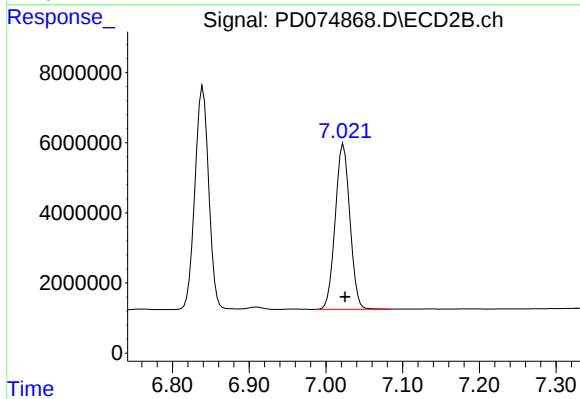
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: -0.002 min  
Response: 79365992  
Conc: 48.57 ng/ml



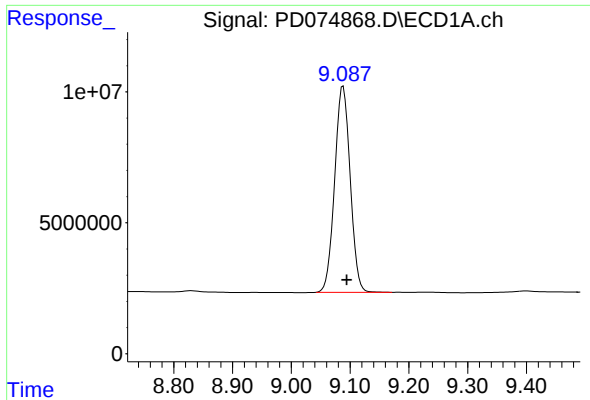
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: -0.004 min  
Response: 121712287  
Conc: 49.02 ng/ml



#22 Mirex

R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 62591154  
Conc: 48.51 ng/ml



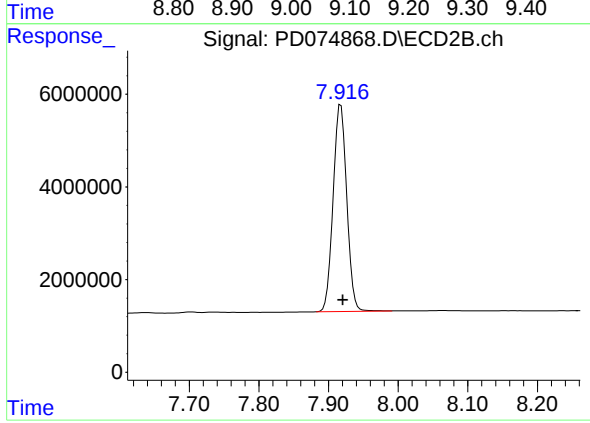
#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: -0.006 min  
Response: 144369113  
Conc: 47.54 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: 60841945  
Conc: 45.61 ng/ml