

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
 Data File : PD079583.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2023 23:14  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/09/2023  
 Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 04:09:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.569 | 2.803 | 71861662 | 114.9E6  | 44.508  | 49.641  |
| 28)                         | SA Decachlor... | 9.116 | 7.948 | 89153102 | 122.6E6  | 44.443  | 50.290  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.026 | 3.306 | 120.9E6  | 179.0E6  | 45.434  | 51.623  |
| 3)                          | MA gamma-BHC... | 4.359 | 3.636 | 117.3E6  | 176.0E6  | 45.147  | 51.826  |
| 4)                          | MA Heptachlor   | 4.952 | 3.978 | 115.7E6  | 161.9E6  | 43.267  | 53.008  |
| 5)                          | MB Aldrin       | 5.296 | 4.259 | 116.4E6  | 168.6E6  | 45.181  | 51.543  |
| 6)                          | B beta-BHC      | 4.552 | 3.930 | 48048966 | 72636658 | 44.839  | 51.548  |
| 7)                          | B delta-BHC     | 4.801 | 4.162 | 121.8E6  | 179.2E6  | 45.498m | 53.527  |
| 8)                          | B Heptachlo...  | 5.722 | 4.760 | 105.1E6  | 154.1E6  | 44.858  | 51.963  |
| 9)                          | A Endosulfan I  | 6.109 | 5.129 | 97576193 | 137.3E6  | 45.009  | 51.864m |
| 10)                         | B gamma-Chl...  | 5.978 | 5.009 | 103.3E6  | 150.0E6  | 45.070  | 52.276m |
| 11)                         | B alpha-Chl...  | 6.058 | 5.075 | 102.3E6  | 145.3E6  | 44.863  | 50.617  |
| 12)                         | B 4,4'-DDE      | 6.228 | 5.264 | 96022137 | 141.8E6  | 45.442  | 53.250  |
| 13)                         | MA Dieldrin     | 6.384 | 5.396 | 105.1E6  | 156.6E6  | 45.129  | 52.730  |
| 14)                         | MA Endrin       | 6.614 | 5.670 | 84579119 | 132.6E6  | 43.427  | 51.807  |
| 15)                         | B Endosulfa...  | 6.832 | 5.963 | 90607358 | 132.3E6  | 44.423  | 53.009  |
| 16)                         | A 4,4'-DDD      | 6.745 | 5.818 | 79169115 | 121.8E6  | 45.035  | 53.332  |
| 17)                         | MA 4,4'-DDT     | 7.061 | 6.069 | 82089693 | 119.4E6  | 43.350  | 52.136  |
| 18)                         | B Endrin al...  | 6.960 | 6.142 | 69203692 | 100.2E6  | 44.812m | 53.911  |
| 19)                         | B Endosulfa...  | 7.197 | 6.365 | 89004844 | 124.2E6  | 44.768  | 53.215  |
| 20)                         | A Methoxychlor  | 7.534 | 6.644 | 46903186 | 67629755 | 42.804  | 49.815  |
| 21)                         | B Endrin ke...  | 7.683 | 6.871 | 100.2E6  | 150.2E6  | 45.952  | 53.714  |
| 22)                         | Mirex           | 8.159 | 7.056 | 75322798 | 110.8E6  | 44.500  | 51.871  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111223\  
Data File : PD079583.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2023 23:14  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

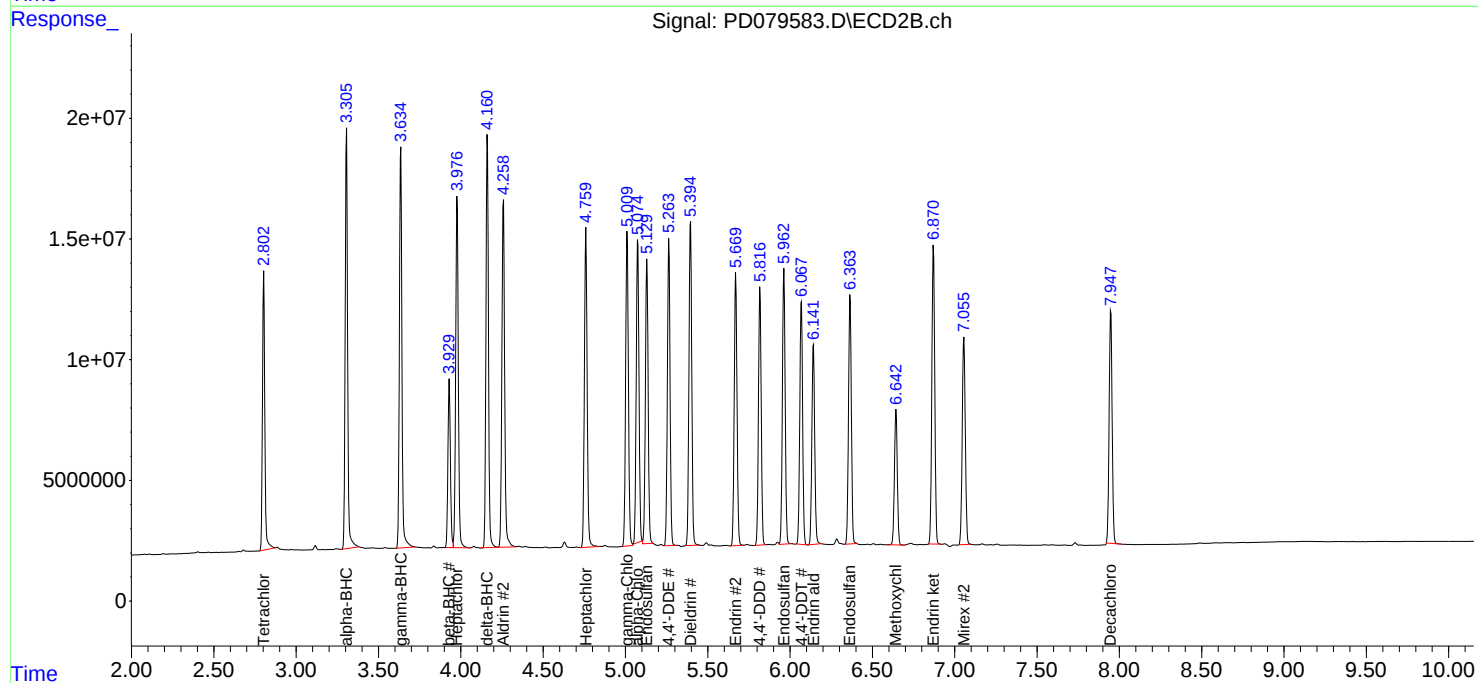
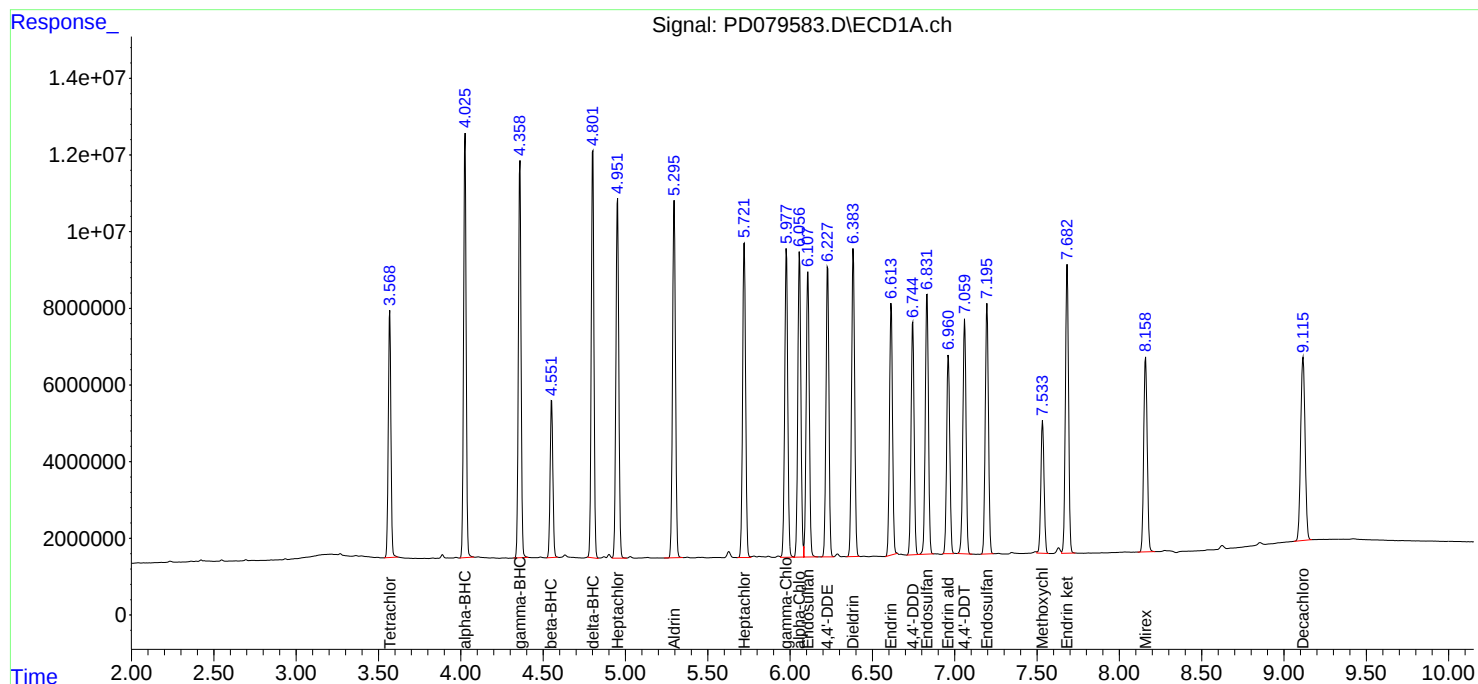
## APPROVED

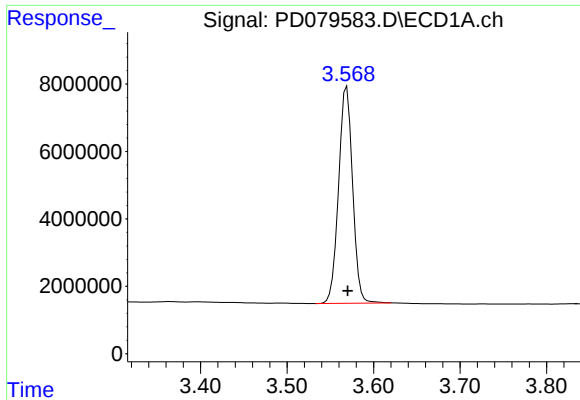
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 04:09:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 20 04:44:01 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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.: 3.569 min  
Delta R.T.: 0.000 min  
Response: 71861662  
Conc: 44.51 ng/ml

Instrument :

ECD\_D

ClientSampleId :

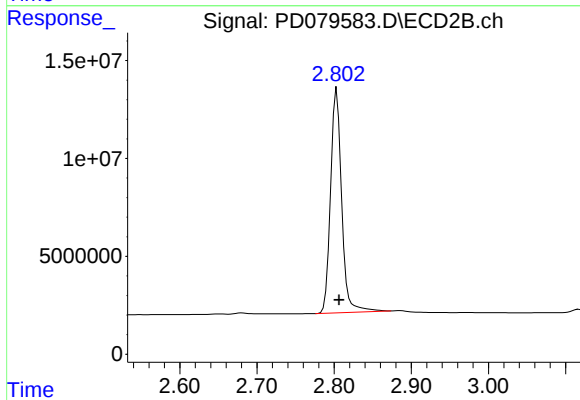
PSTDCCC050

Manual Integrations

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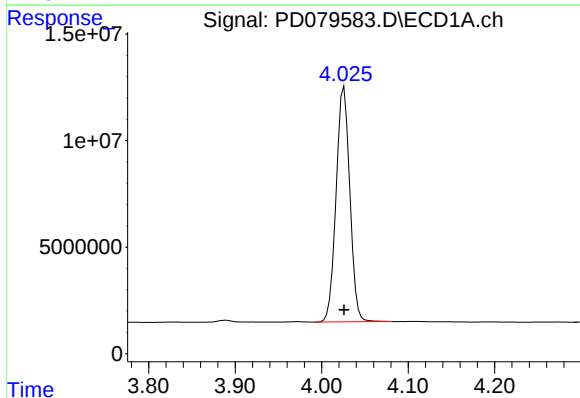
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023



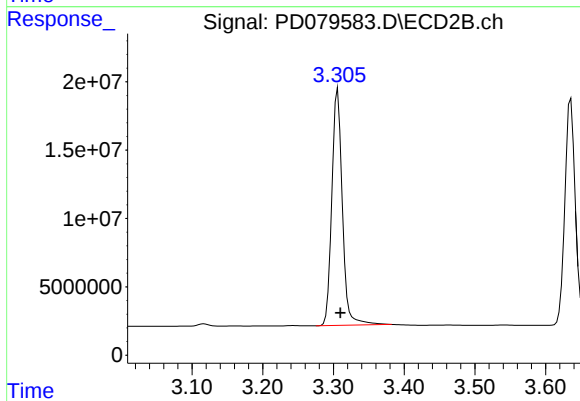
#1 Tetrachloro-m-xylene

R.T.: 2.803 min  
Delta R.T.: -0.003 min  
Response: 114932949  
Conc: 49.64 ng/ml



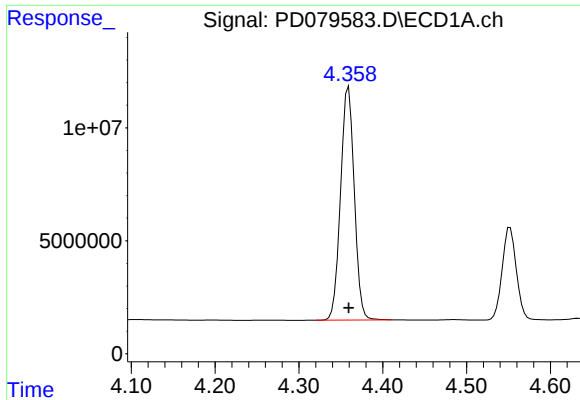
#2 alpha-BHC

R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 120947692  
Conc: 45.43 ng/ml



#2 alpha-BHC

R.T.: 3.306 min  
Delta R.T.: -0.004 min  
Response: 179000899  
Conc: 51.62 ng/ml



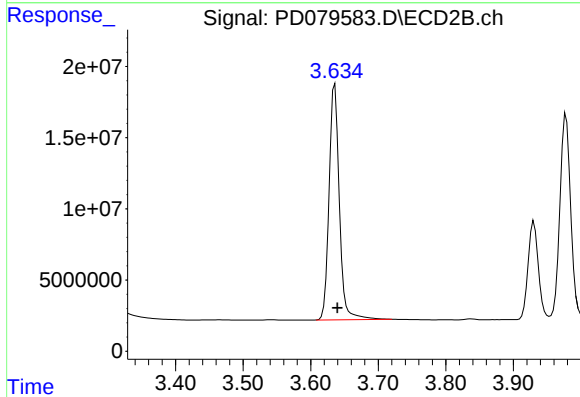
#3 gamma-BHC (Lindane)

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 117330303  
Conc: 45.15 ng/ml

Instrument :  
ECD\_D  
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PSTDCCC050

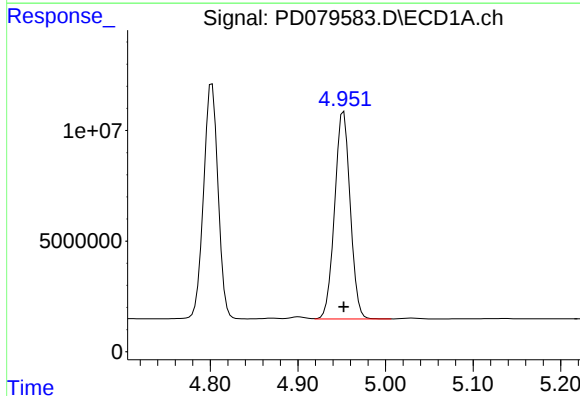
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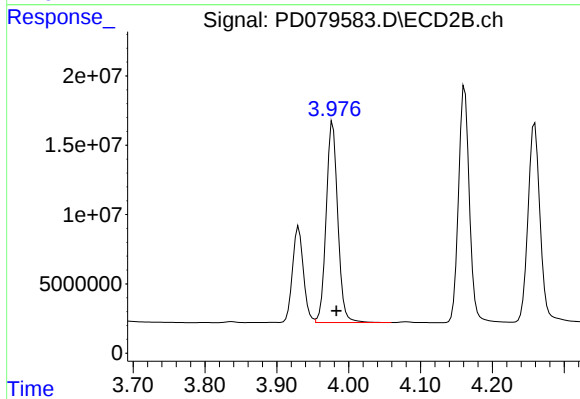
#3 gamma-BHC (Lindane)

R.T.: 3.636 min  
Delta R.T.: -0.004 min  
Response: 175990018  
Conc: 51.83 ng/ml



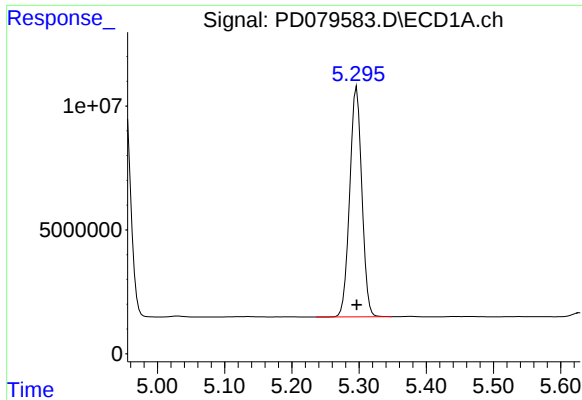
#4 Heptachlor

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 115736141  
Conc: 43.27 ng/ml



#4 Heptachlor

R.T.: 3.978 min  
Delta R.T.: -0.005 min  
Response: 161892417  
Conc: 53.01 ng/ml



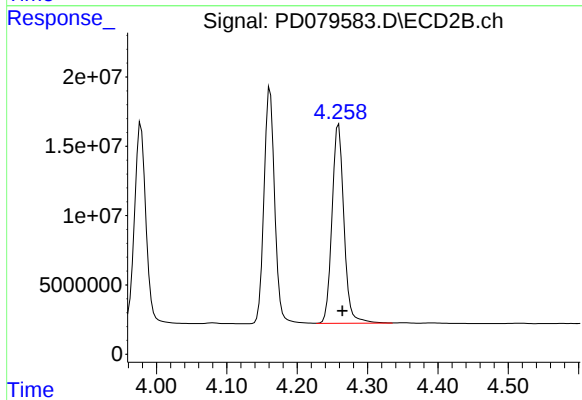
#5 Aldrin

R.T.: 5.296 min  
Delta R.T.: 0.000 min  
Response: 116422012  
Conc: 45.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

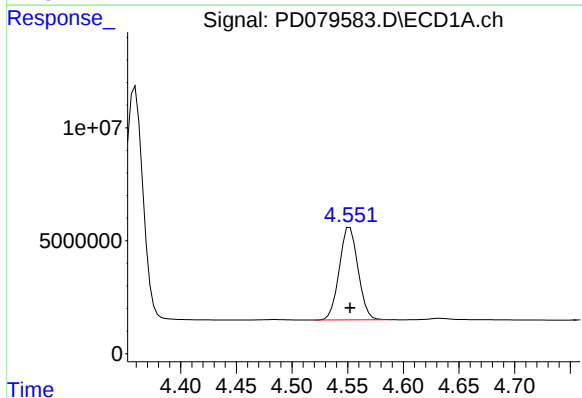
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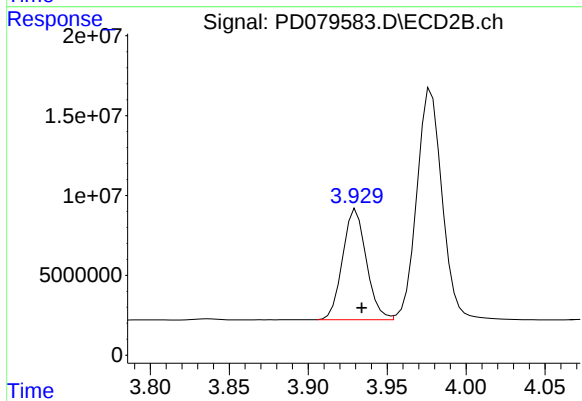
#5 Aldrin

R.T.: 4.259 min  
Delta R.T.: -0.005 min  
Response: 168615099  
Conc: 51.54 ng/ml



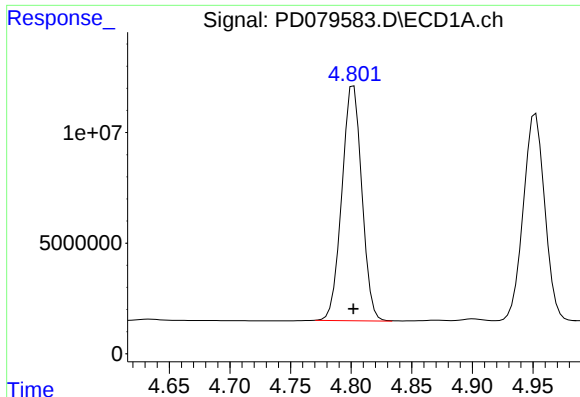
#6 beta-BHC

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 48048966  
Conc: 44.84 ng/ml



#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: -0.004 min  
Response: 72636658  
Conc: 51.55 ng/ml



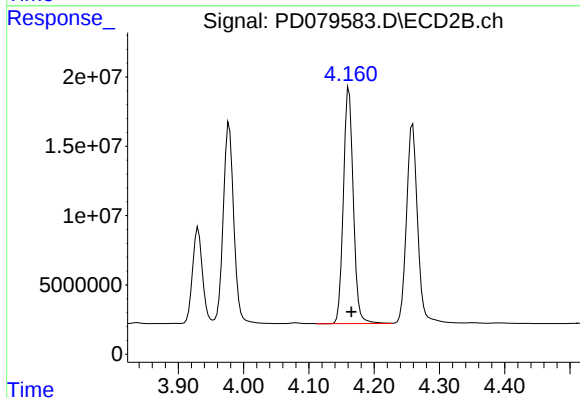
#7 delta-BHC

R.T.: 4.801 min  
Delta R.T.: -0.001 min  
Response: 121801501  
Conc: 45.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

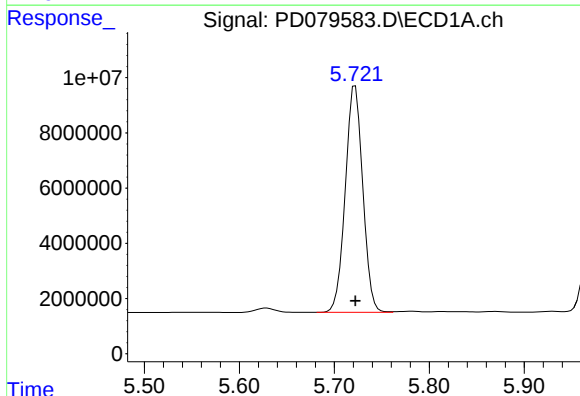
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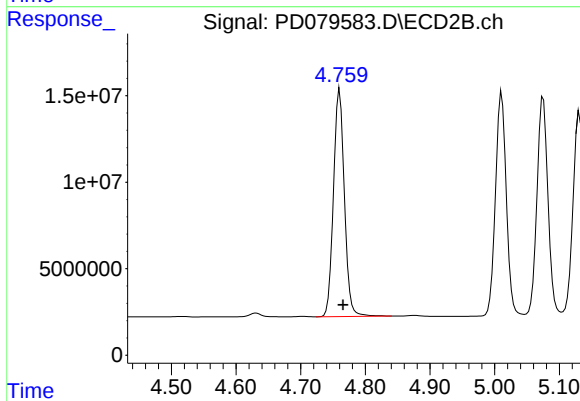
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: -0.004 min  
Response: 179220028  
Conc: 53.53 ng/ml



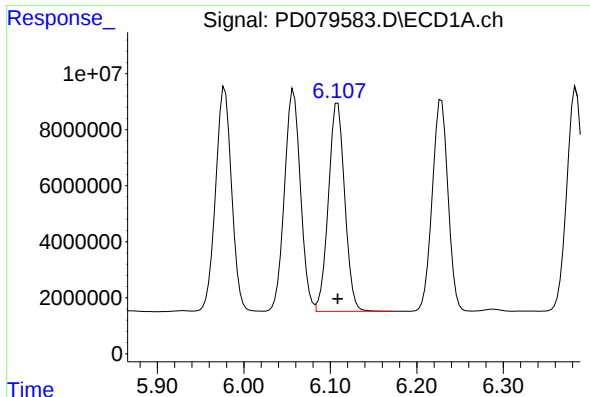
#8 Heptachlor epoxide

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 105133383  
Conc: 44.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min  
Delta R.T.: -0.005 min  
Response: 154054519  
Conc: 51.96 ng/ml



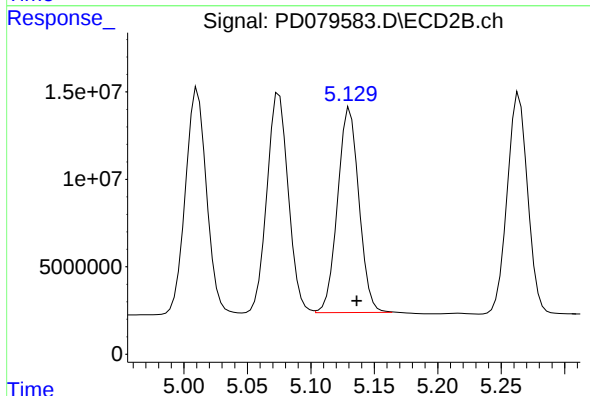
#9 Endosulfan I

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 97576193  
Conc: 45.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

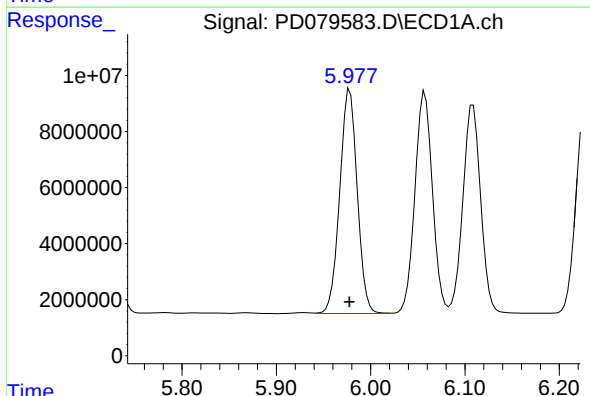
Manual Integrations  
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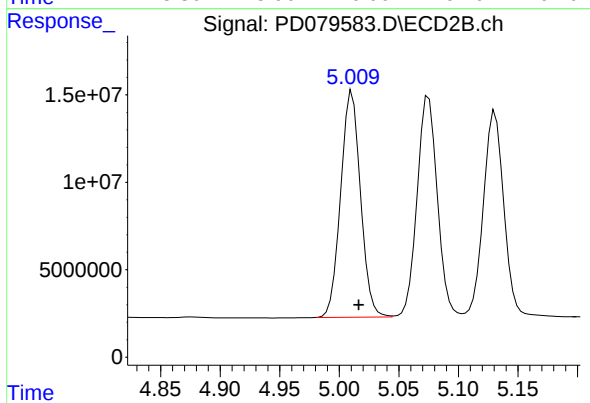
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: -0.007 min  
Response: 137320896  
Conc: 51.86 ng/ml m



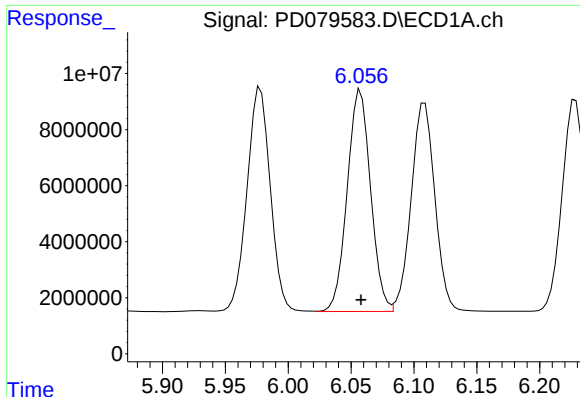
#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 103333347  
Conc: 45.07 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min  
Delta R.T.: -0.007 min  
Response: 150003905  
Conc: 52.28 ng/ml m



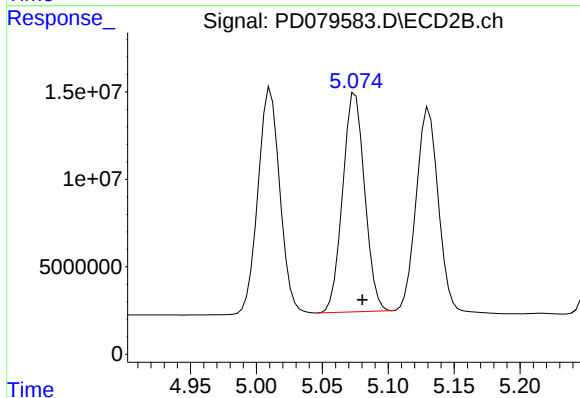
#11 alpha-Chlordane

R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 102296807  
Conc: 44.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

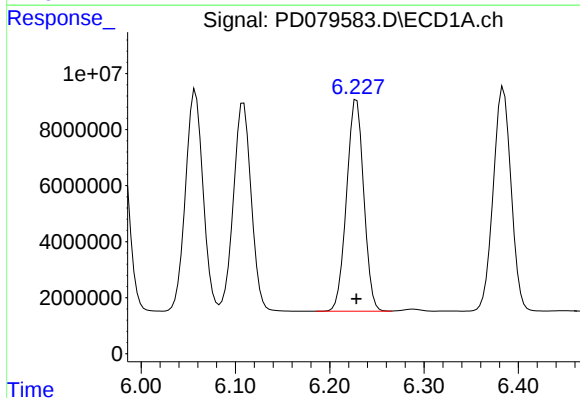
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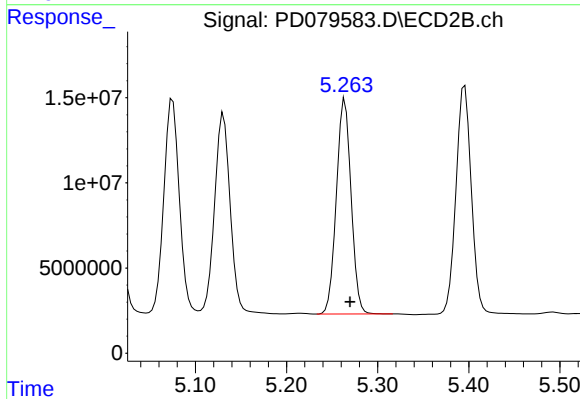
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: -0.005 min  
Response: 145263963  
Conc: 50.62 ng/ml



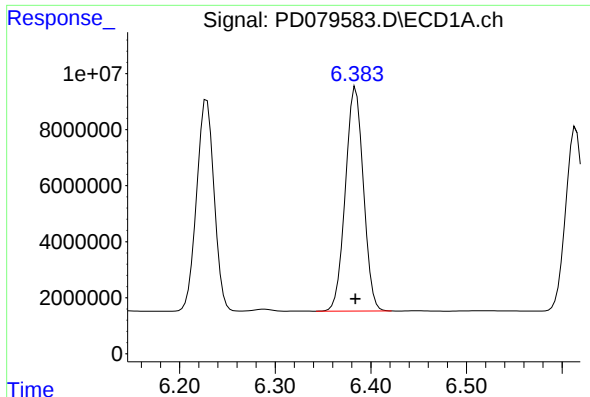
#12 4,4'-DDE

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 96022137  
Conc: 45.44 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min  
Delta R.T.: -0.006 min  
Response: 141771319  
Conc: 53.25 ng/ml



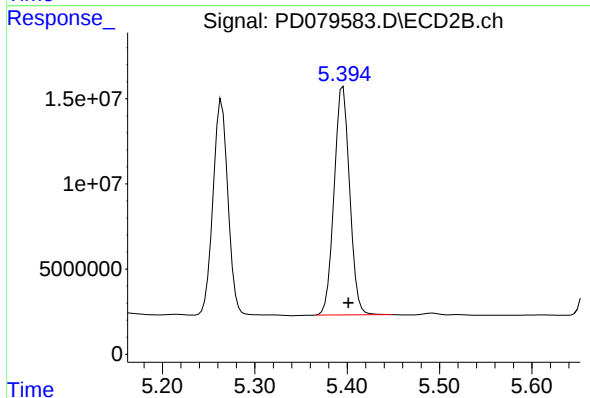
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 105098159  
Conc: 45.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

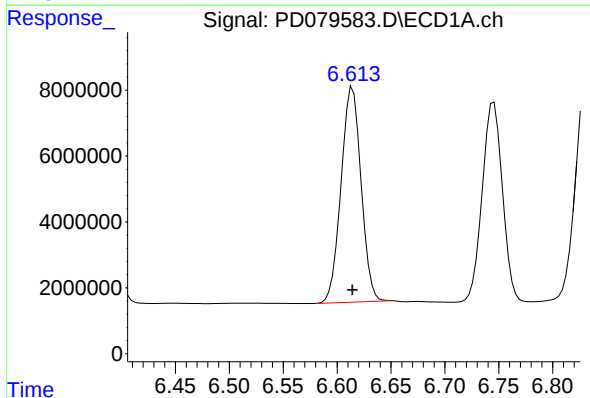
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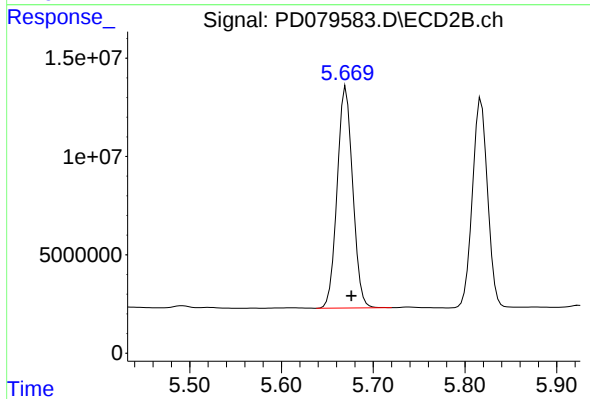
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: -0.006 min  
Response: 156603987  
Conc: 52.73 ng/ml



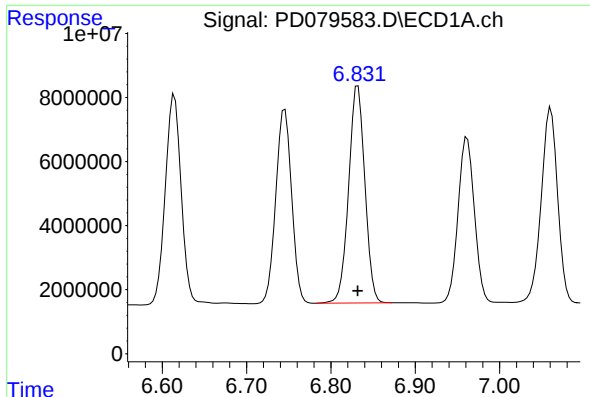
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 84579119  
Conc: 43.43 ng/ml



#14 Endrin

R.T.: 5.670 min  
Delta R.T.: -0.006 min  
Response: 132579685  
Conc: 51.81 ng/ml



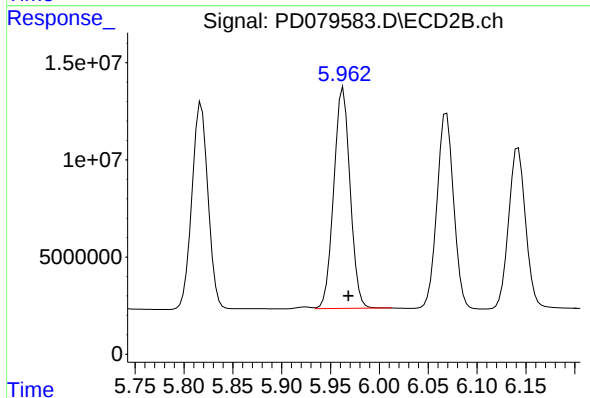
#15 Endosulfan II

R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 90607358  
Conc: 44.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

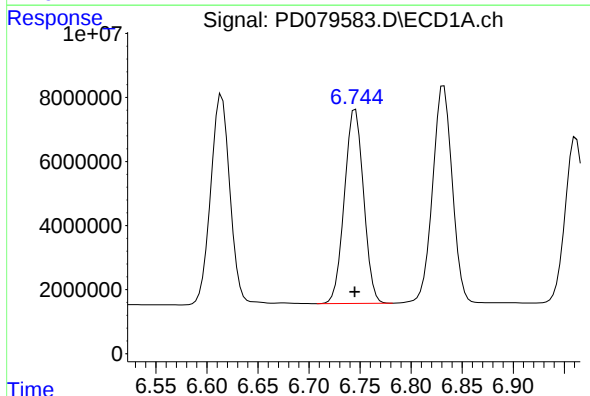
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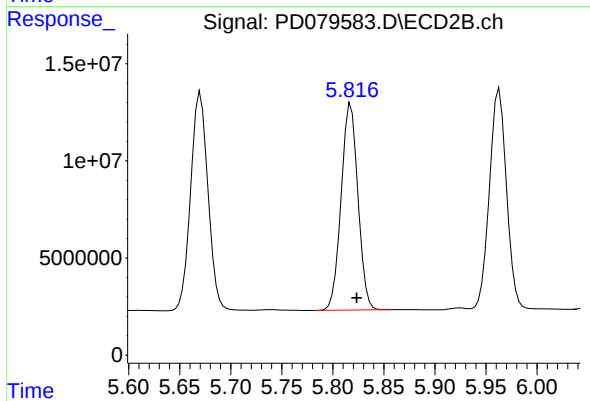
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 132338447  
Conc: 53.01 ng/ml



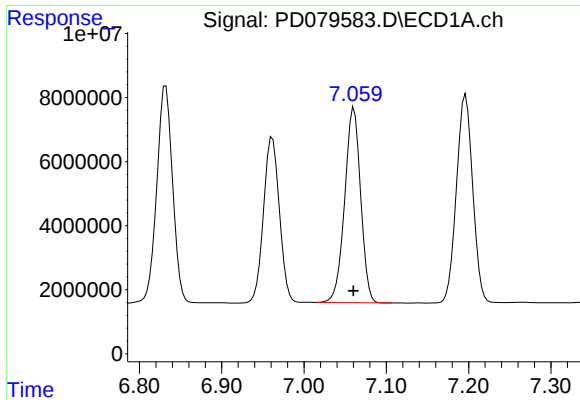
#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 79169115  
Conc: 45.04 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min  
Delta R.T.: -0.006 min  
Response: 121825058  
Conc: 53.33 ng/ml



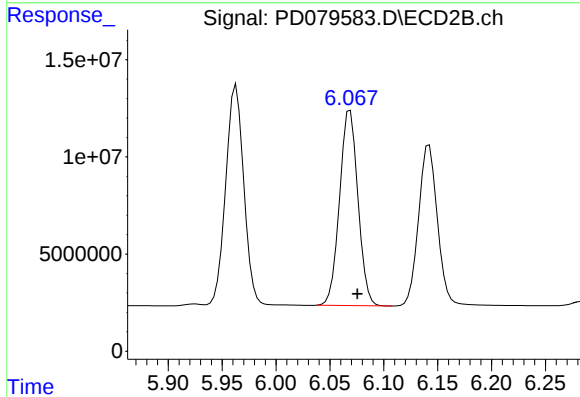
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 82089693  
Conc: 43.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

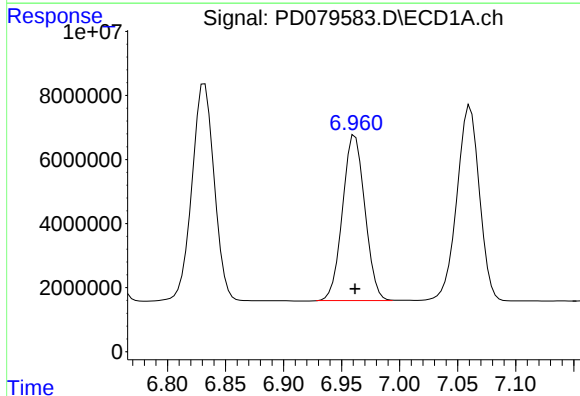
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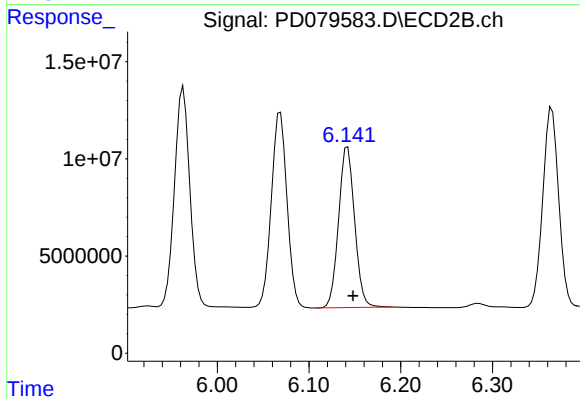
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: -0.007 min  
Response: 119359657  
Conc: 52.14 ng/ml



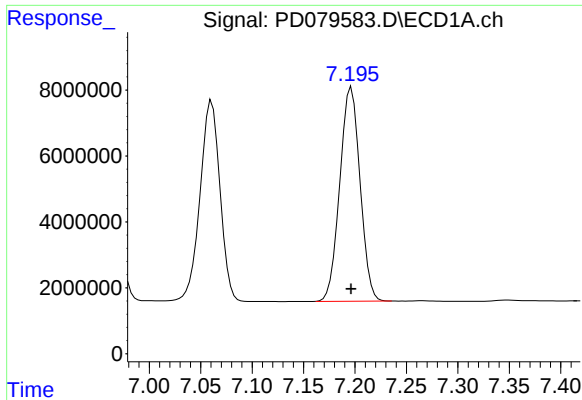
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 69203692  
Conc: 44.81 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min  
Delta R.T.: -0.006 min  
Response: 100237245  
Conc: 53.91 ng/ml



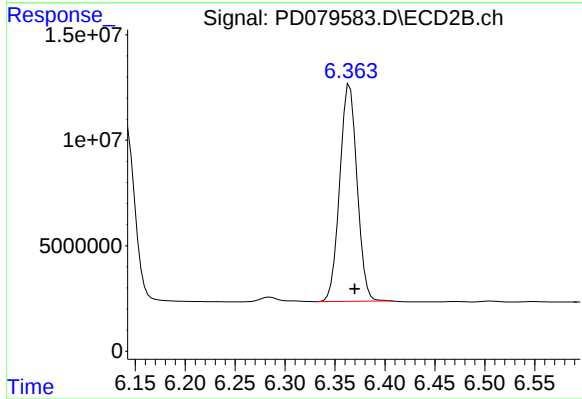
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 89004844  
Conc: 44.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

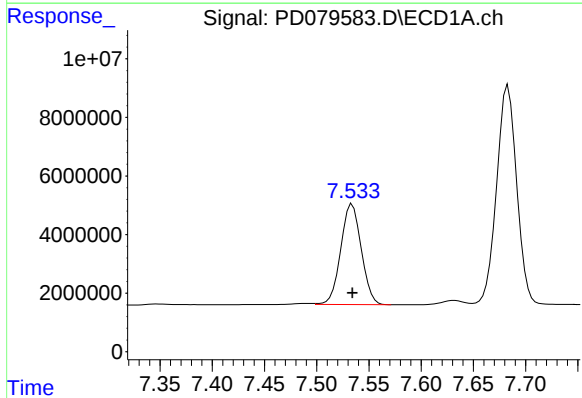
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/09/2023  
Supervised By :Ankita Jodhani 11/09/2023



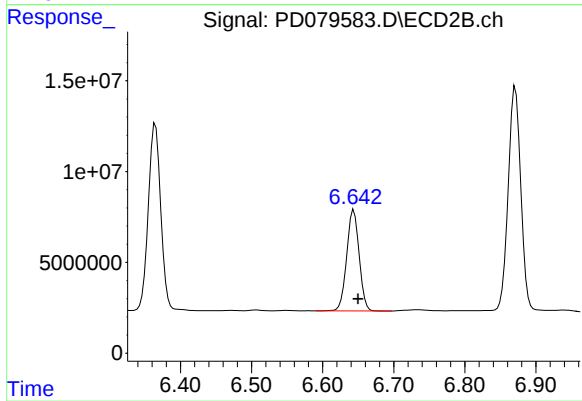
#19 Endosulfan Sulfate

R.T.: 6.365 min  
Delta R.T.: -0.005 min  
Response: 124249011  
Conc: 53.22 ng/ml



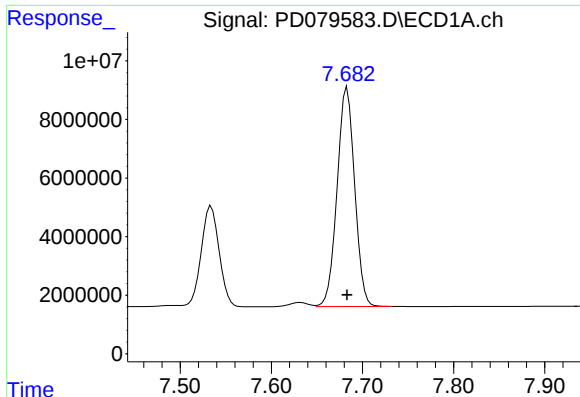
#20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 46903186  
Conc: 42.80 ng/ml



#20 Methoxychlor

R.T.: 6.644 min  
Delta R.T.: -0.006 min  
Response: 67629755  
Conc: 49.81 ng/ml



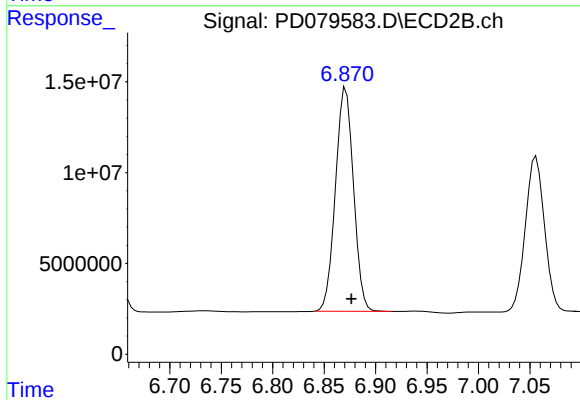
#21 Endrin ketone

R.T.: 7.683 min  
Delta R.T.: 0.000 min  
Response: 100183903  
Conc: 45.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

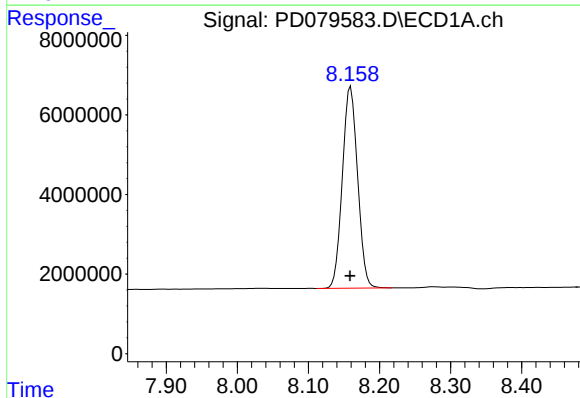
Manual Integrations  
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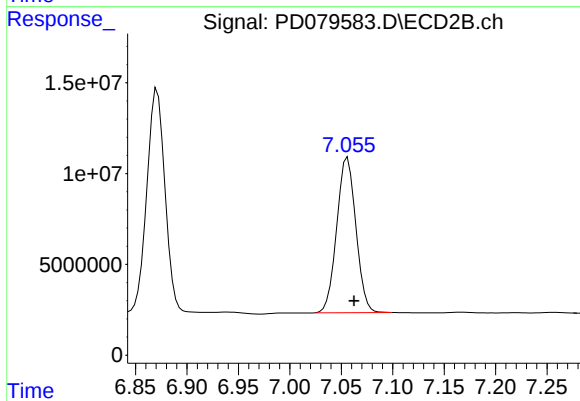
#21 Endrin ketone

R.T.: 6.871 min  
Delta R.T.: -0.005 min  
Response: 150170516  
Conc: 53.71 ng/ml



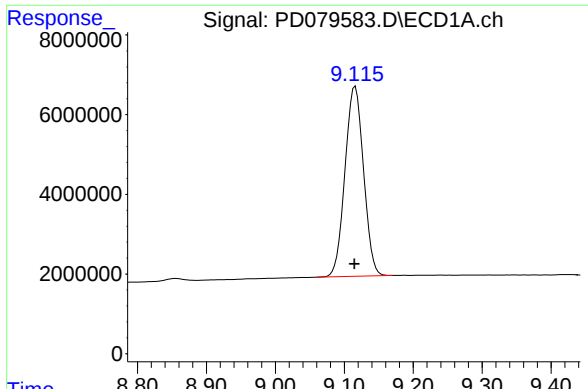
#22 Mirex

R.T.: 8.159 min  
Delta R.T.: 0.000 min  
Response: 75322798  
Conc: 44.50 ng/ml



#22 Mirex

R.T.: 7.056 min  
Delta R.T.: -0.006 min  
Response: 110813091  
Conc: 51.87 ng/ml



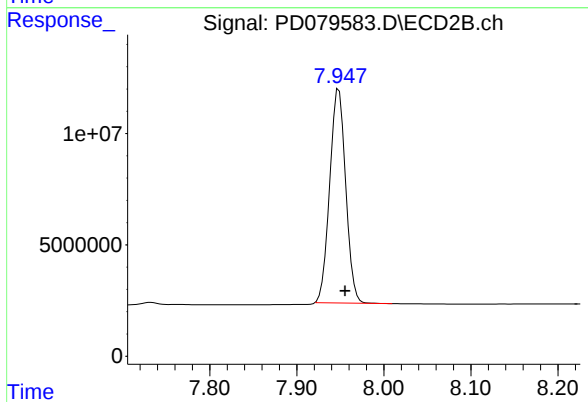
#28 Decachlorobiphenyl

R.T.: 9.116 min  
Delta R.T.: 0.001 min  
Response: 89153102  
Conc: 44.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 7.948 min  
Delta R.T.: -0.007 min  
Response: 122580551  
Conc: 50.29 ng/ml