

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
 Data File : PD086977.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2024 18:28  
 Operator : AR\AJ  
 Sample : PB165274BS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB165274BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024  
 Supervised By :Ankita Jodhani 12/02/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 28 00:13:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 15:47:26 2024  
 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... | 3.556 | 2.884 | 36198812 | 223.2E6 | 18.102m | 19.498  |
| 28)                         | SA Decachlor... | 9.088 | 8.087 | 52161751 | 226.9E6 | 16.398  | 16.282  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 4.007 | 3.397 | 201.9E6  | 871.6E6 | 50.178  | 49.464m |
| 3)                          | MA gamma-BHC... | 4.339 | 3.735 | 196.0E6  | 822.0E6 | 49.140  | 48.943  |
| 4)                          | MA Heptachlor   | 4.939 | 4.090 | 200.1E6  | 848.3E6 | 50.964  | 52.182  |
| 5)                          | MB Aldrin       | 5.281 | 4.377 | 196.9E6  | 793.4E6 | 48.307  | 47.458  |
| 6)                          | B beta-BHC      | 4.522 | 4.030 | 79203992 | 363.7E6 | 50.218  | 50.786  |
| 7)                          | B delta-BHC     | 4.771 | 4.268 | 176.9E6  | 707.9E6 | 43.395  | 41.635  |
| 8)                          | B Heptachlo...  | 5.701 | 4.881 | 179.1E6  | 741.5E6 | 49.562  | 48.834  |
| 9)                          | A Endosulfan I  | 6.084 | 5.256 | 169.5E6  | 707.8E6 | 50.517  | 49.855  |
| 10)                         | B gamma-Chl...  | 5.956 | 5.135 | 180.2E6  | 784.9E6 | 50.992  | 50.460  |
| 11)                         | B alpha-Chl...  | 6.037 | 5.200 | 181.7E6  | 796.5E6 | 50.844  | 52.118  |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.385 | 164.3E6  | 752.1E6 | 50.501m | 49.892  |
| 13)                         | MA Dieldrin     | 6.357 | 5.522 | 183.1E6  | 768.8E6 | 50.686  | 49.370  |
| 14)                         | MA Endrin       | 6.583 | 5.799 | 155.6E6  | 713.2E6 | 51.426m | 50.987  |
| 15)                         | B Endosulfa...  | 6.795 | 6.091 | 151.9E6  | 682.2E6 | 50.807  | 49.561  |
| 16)                         | A 4,4'-DDD      | 6.715 | 5.940 | 130.0E6  | 629.9E6 | 50.021  | 50.115  |
| 17)                         | MA 4,4'-DDT     | 7.030 | 6.195 | 139.1E6  | 666.6E6 | 49.237m | 49.996  |
| 18)                         | B Endrin al...  | 6.924 | 6.269 | 113.5E6  | 509.8E6 | 46.438  | 45.956  |
| 19)                         | B Endosulfa...  | 7.159 | 6.493 | 138.0E6  | 635.1E6 | 47.411  | 46.940  |
| 20)                         | A Methoxychlor  | 7.503 | 6.767 | 77055833 | 345.7E6 | 48.181  | 48.195  |
| 21)                         | B Endrin ke...  | 7.641 | 7.002 | 158.8E6  | 717.7E6 | 48.948  | 47.618  |
| 22)                         | Mirex           | 8.125 | 7.199 | 112.3E6  | 531.7E6 | 45.006  | 43.120  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
Data File : PD086977.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Nov 2024 18:28  
Operator : AR\AJ  
Sample : PB165274BS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PB165274BS

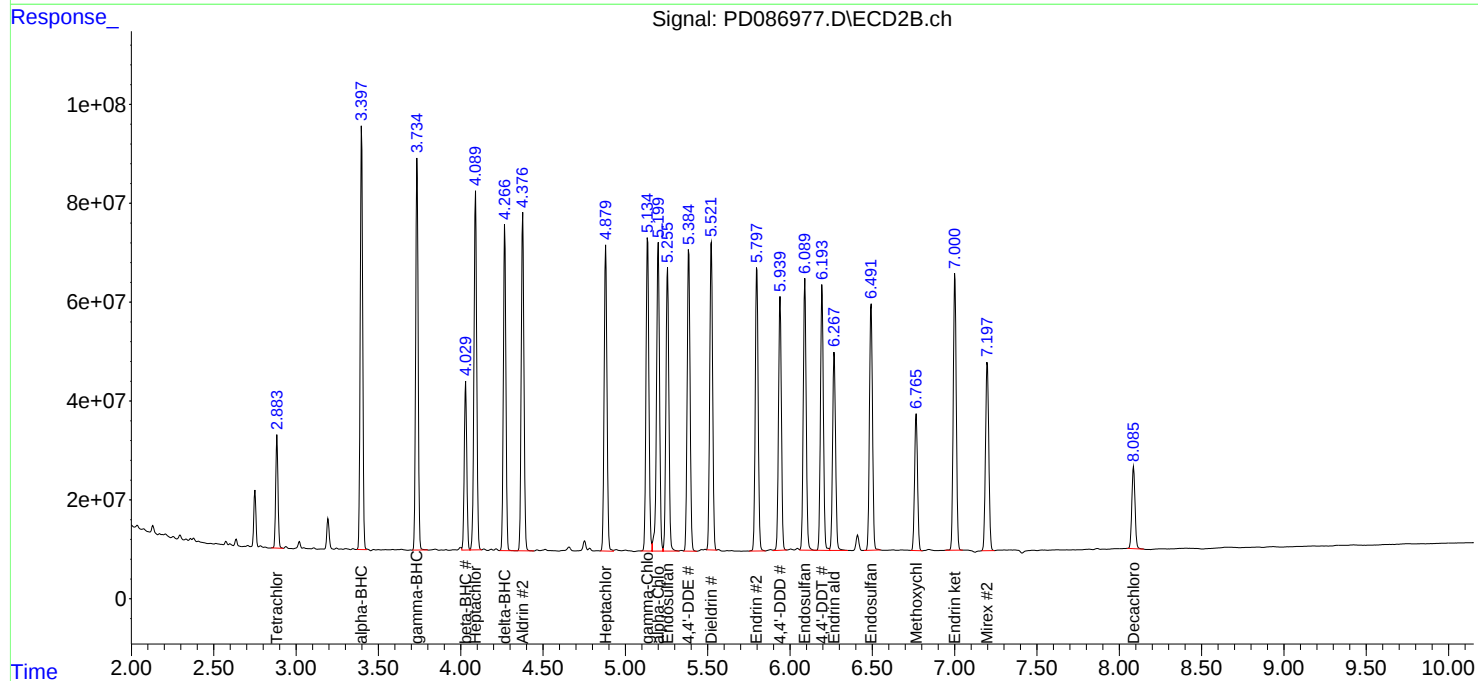
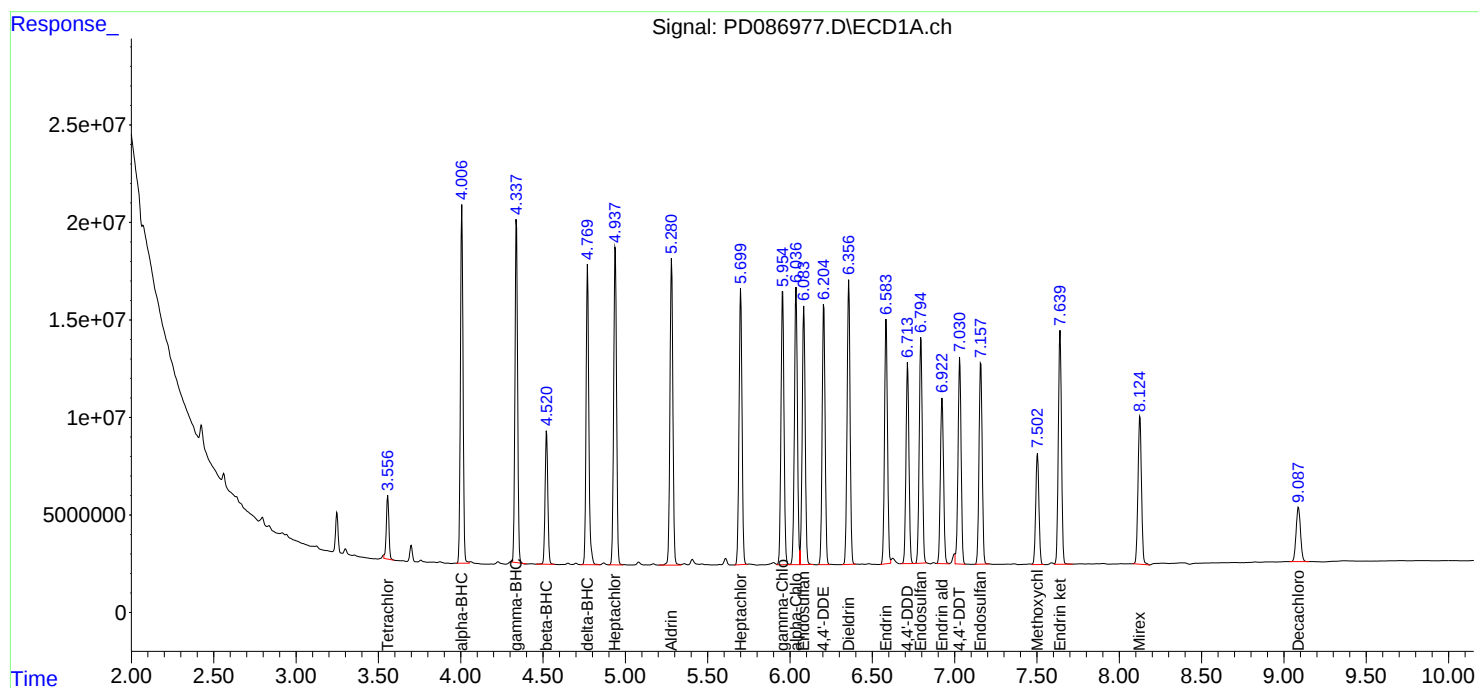
## Manual Integrations

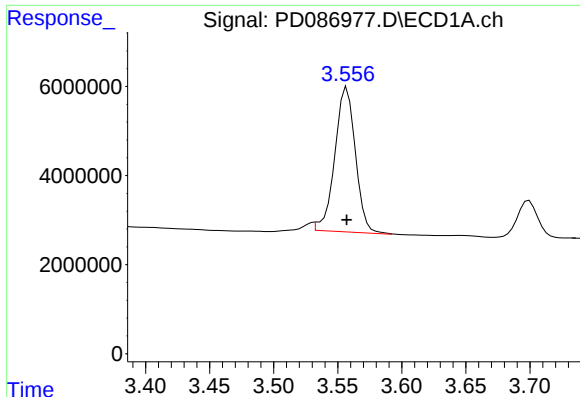
## APPROVED

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Supervised By :Ankita Jodhani 12/02/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 28 00:13:39 2024  
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QLast Update : Wed Nov 27 15:47:26 2024  
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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.: 3.556 min  
Delta R.T.: -0.001 min  
Response: 36198812  
Conc: 18.10 ng/ml

Instrument :

ECD\_D

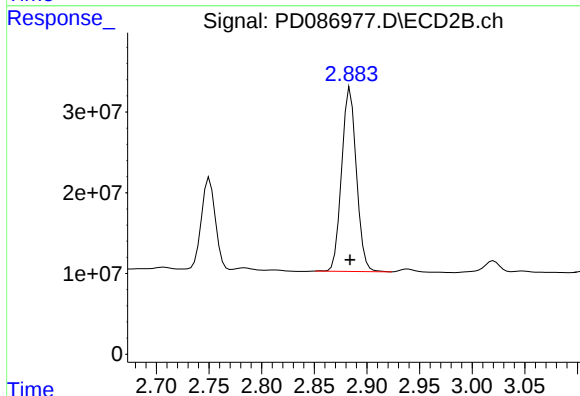
ClientSampleId :

PB165274BS

Manual Integrations

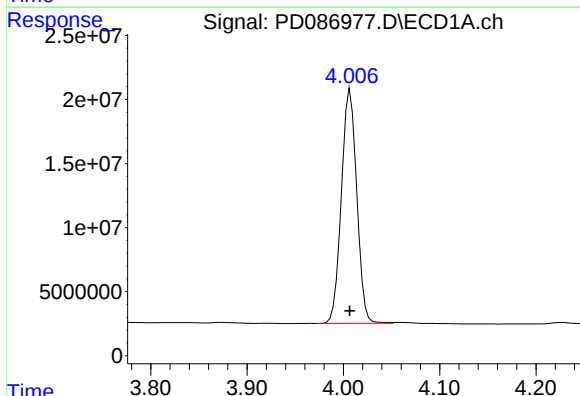
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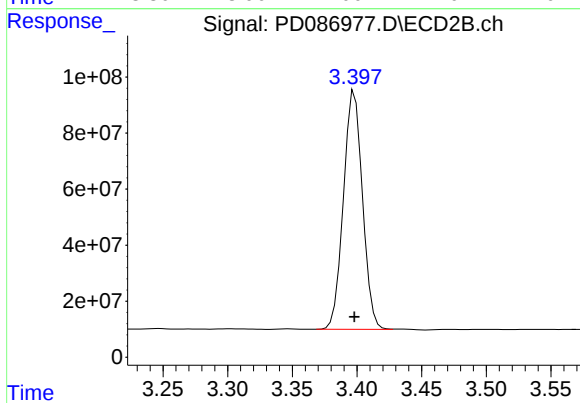
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 223186265  
Conc: 19.50 ng/ml



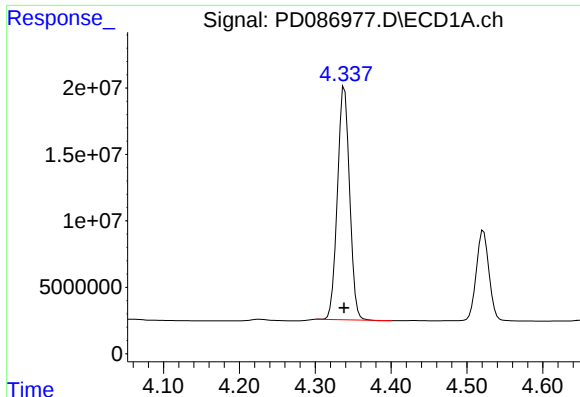
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 201916825  
Conc: 50.18 ng/ml



#2 alpha-BHC

R.T.: 3.397 min  
Delta R.T.: -0.001 min  
Response: 871595621  
Conc: 49.46 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 195990850  
Conc: 49.14 ng/ml

Instrument :

ECD\_D

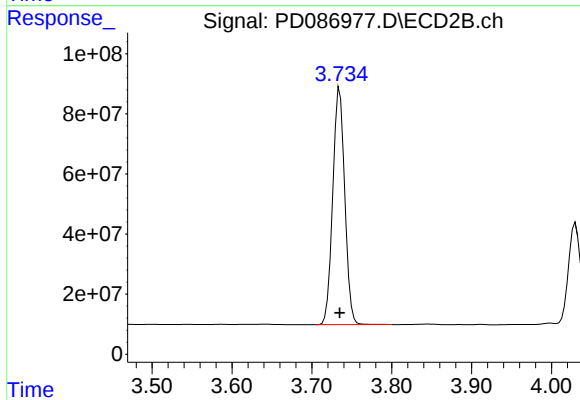
ClientSampleId :

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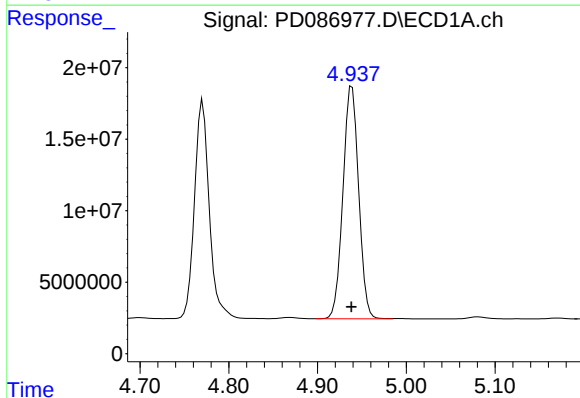
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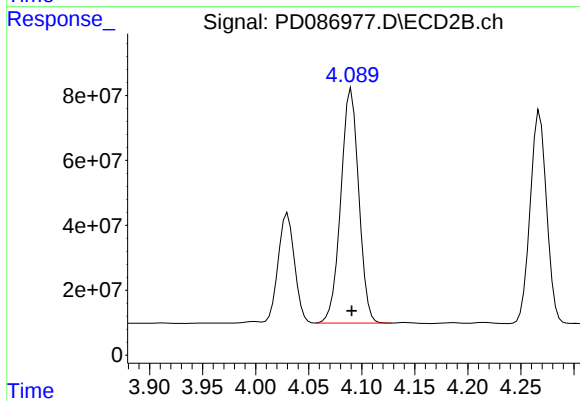
#3 gamma-BHC (Lindane)

R.T.: 3.735 min  
Delta R.T.: 0.000 min  
Response: 821992214  
Conc: 48.94 ng/ml



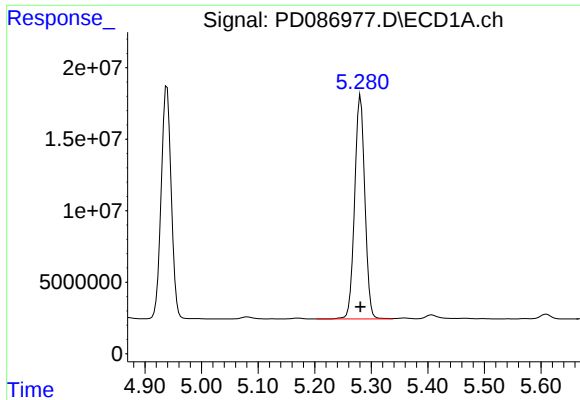
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 200096766  
Conc: 50.96 ng/ml



#4 Heptachlor

R.T.: 4.090 min  
Delta R.T.: 0.000 min  
Response: 848261010  
Conc: 52.18 ng/ml



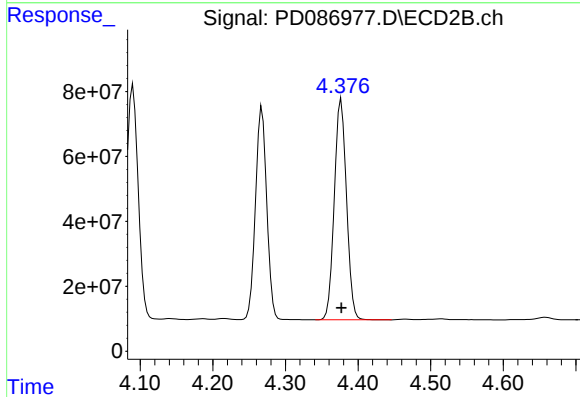
#5 Aldrin

R.T.: 5.281 min  
Delta R.T.: 0.000 min  
Response: 196891906  
Conc: 48.31 ng/ml

Instrument :  
ECD\_D  
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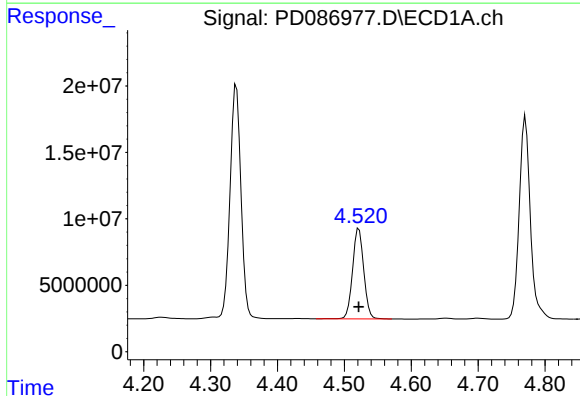
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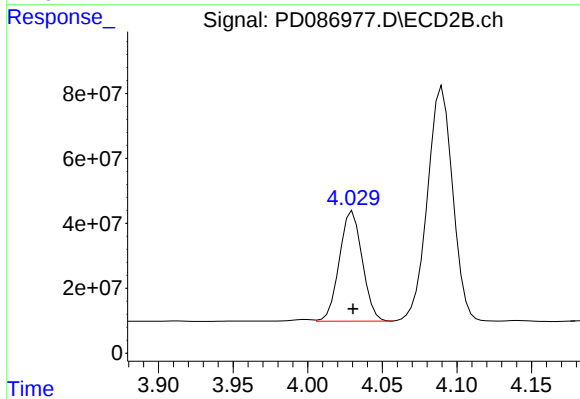
#5 Aldrin

R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 793377688  
Conc: 47.46 ng/ml



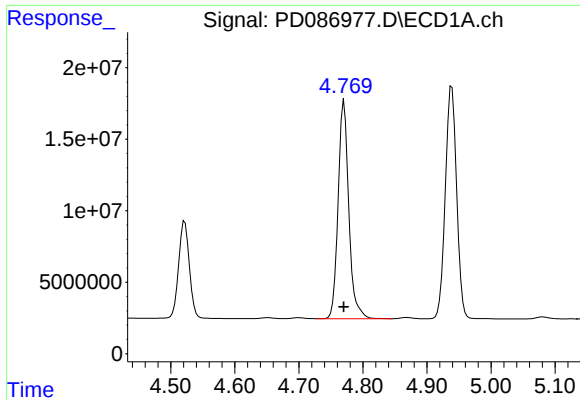
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 79203992  
Conc: 50.22 ng/ml



#6 beta-BHC

R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 363724395  
Conc: 50.79 ng/ml



#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 176883235  
Conc: 43.40 ng/ml

Instrument :

ECD\_D

ClientSampleId :

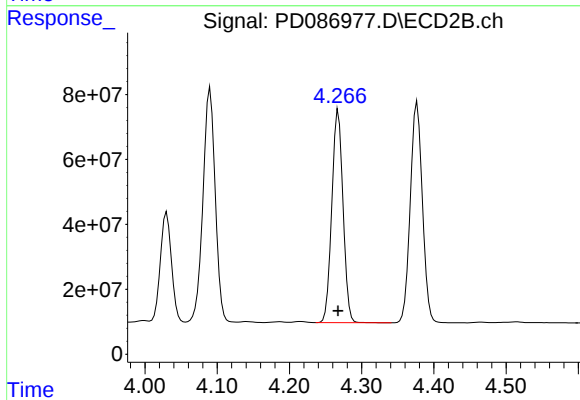
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Manual Integrations

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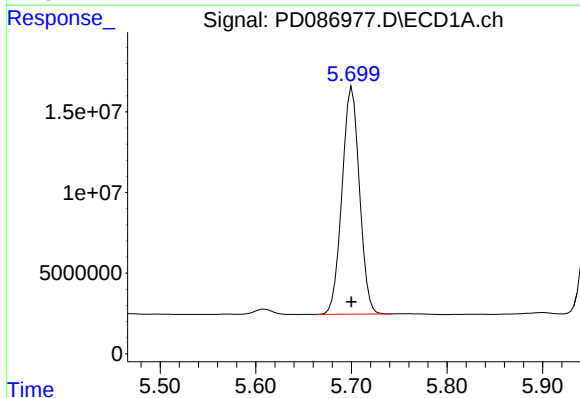
Reviewed By :Yogesh Patel 12/02/2024

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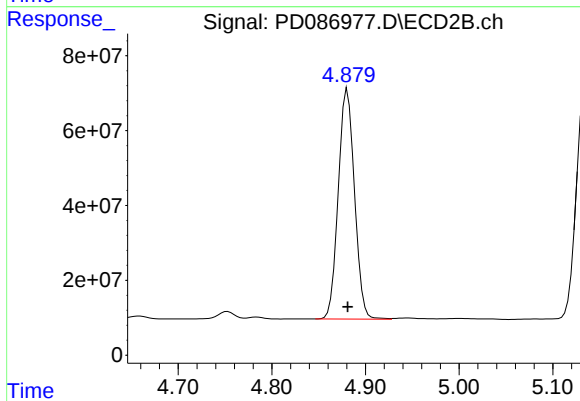
#7 delta-BHC

R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 707881413  
Conc: 41.63 ng/ml



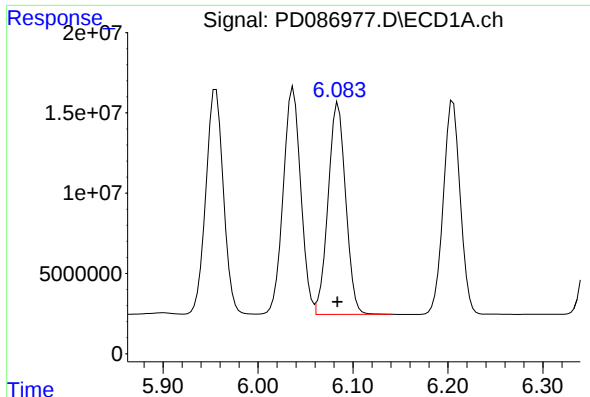
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: 0.000 min  
Response: 179094170  
Conc: 49.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 741482404  
Conc: 48.83 ng/ml



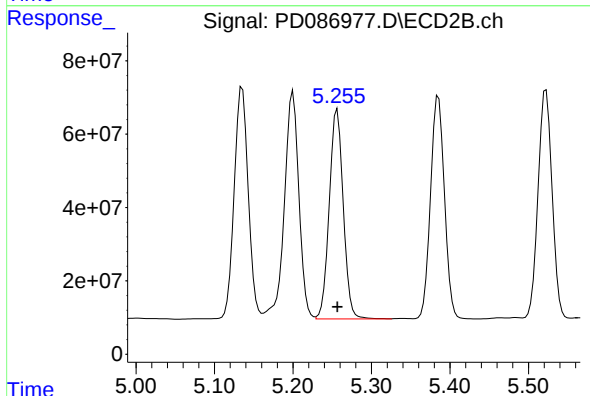
#9 Endosulfan I

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 169522916  
Conc: 50.52 ng/ml

Instrument :  
ECD\_D  
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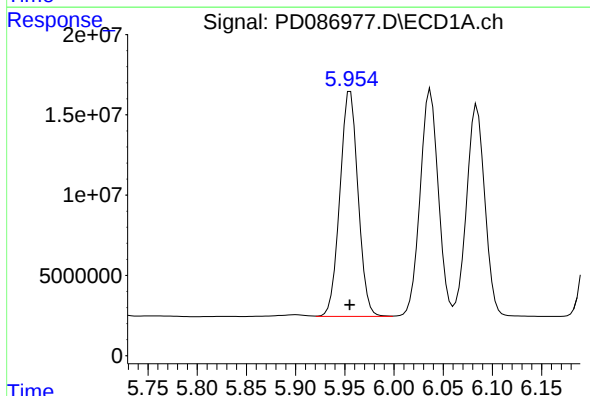
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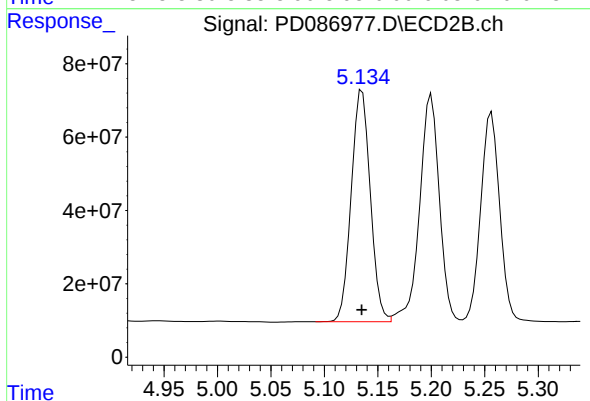
#9 Endosulfan I

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 707768983  
Conc: 49.86 ng/ml



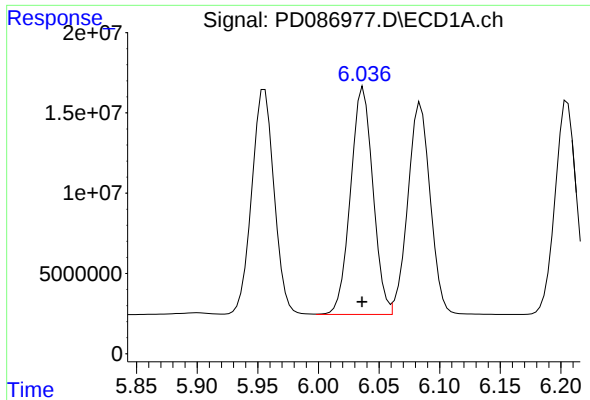
#10 gamma-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 180154536  
Conc: 50.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 784935611  
Conc: 50.46 ng/ml



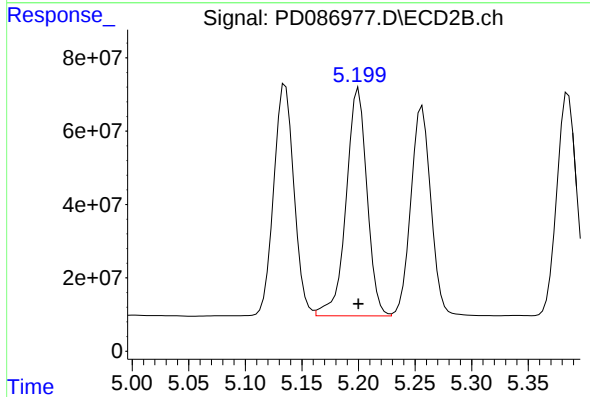
#11 alpha-Chlordane

R.T.: 6.037 min  
Delta R.T.: 0.001 min  
Response: 181655823  
Conc: 50.84 ng/ml

Instrument :  
ECD\_D  
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PB165274BS

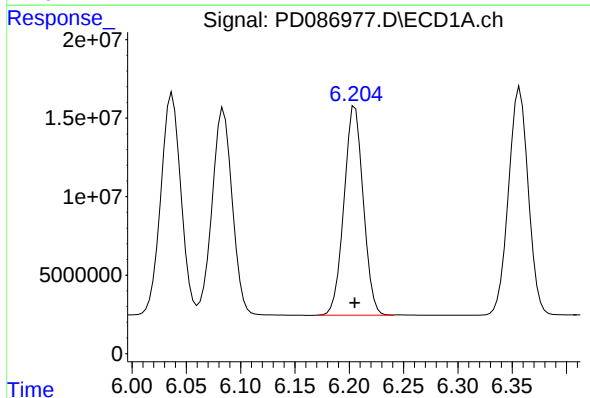
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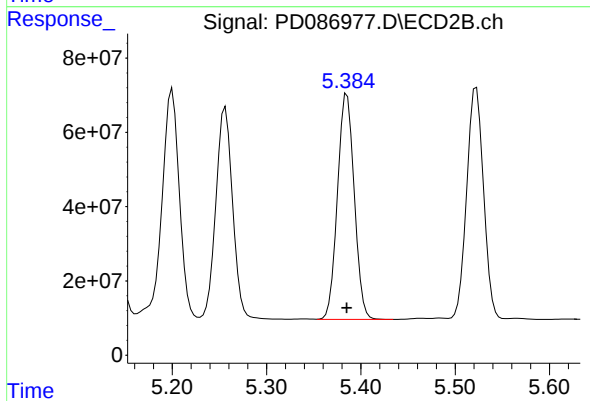
#11 alpha-Chlordane

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 796465475  
Conc: 52.12 ng/ml



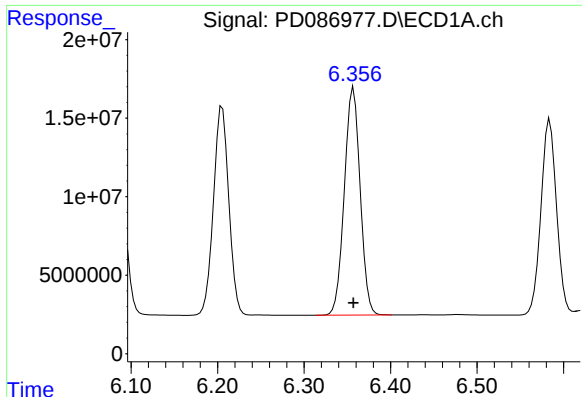
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: -0.001 min  
Response: 164313642  
Conc: 50.50 ng/ml m



#12 4,4'-DDE

R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 752102690  
Conc: 49.89 ng/ml



#13 Dieldrin

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 183110754  
Conc: 50.69 ng/ml

Instrument :

ECD\_D

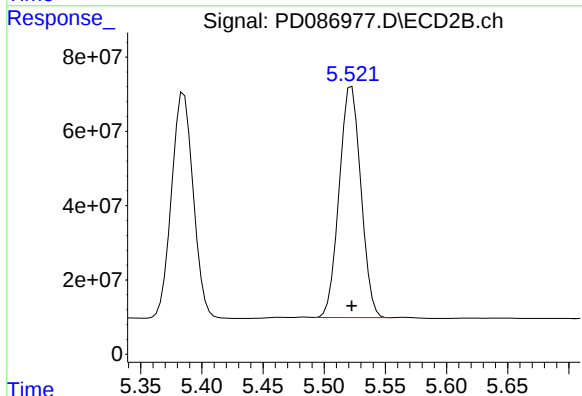
ClientSampleId :

PB165274BS

Manual Integrations

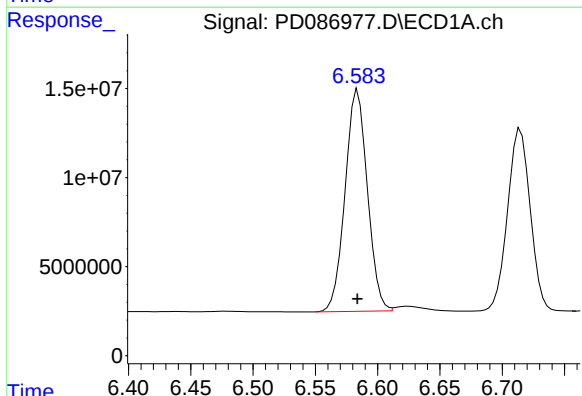
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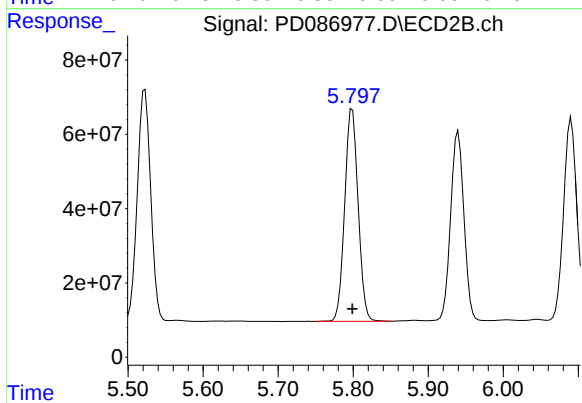
#13 Dieldrin

R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 768779782  
Conc: 49.37 ng/ml



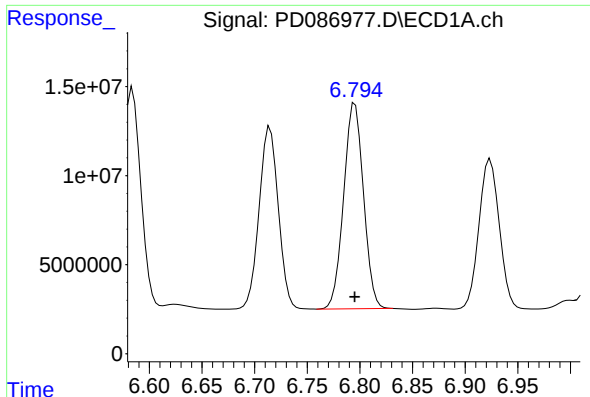
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: -0.001 min  
Response: 155613575  
Conc: 51.43 ng/ml m



#14 Endrin

R.T.: 5.799 min  
Delta R.T.: 0.000 min  
Response: 713244927  
Conc: 50.99 ng/ml



#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 151863619  
Conc: 50.81 ng/ml

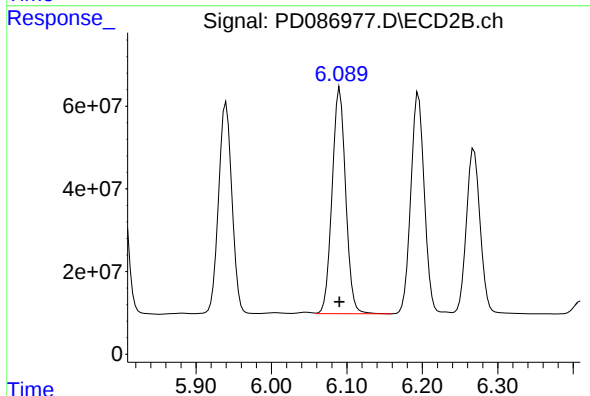
Instrument :

ECD\_D

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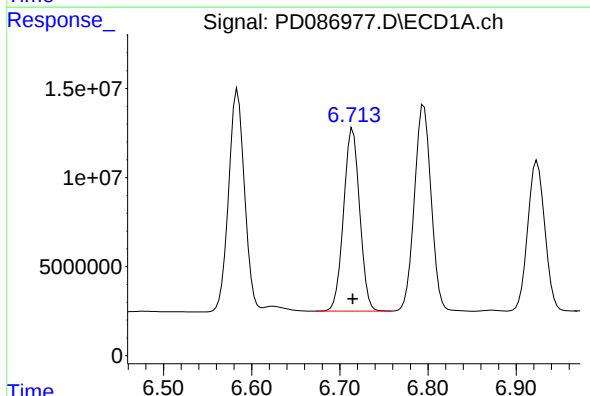
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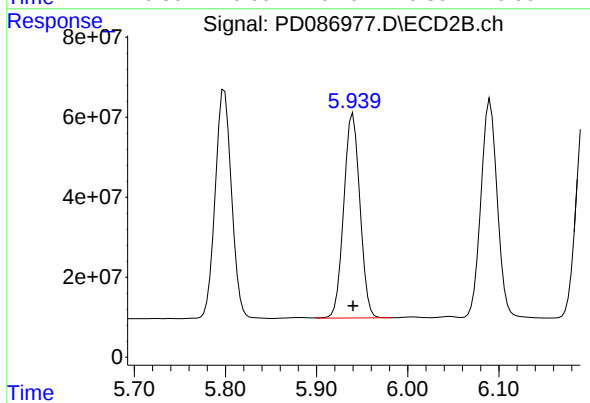
#15 Endosulfan II

R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 682165593  
Conc: 49.56 ng/ml



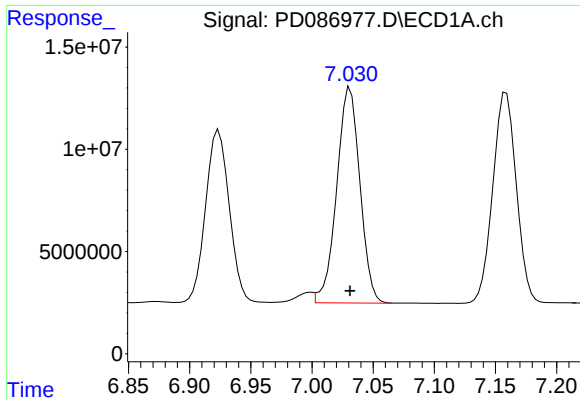
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 130033793  
Conc: 50.02 ng/ml



#16 4,4'-DDD

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 629919286  
Conc: 50.11 ng/ml



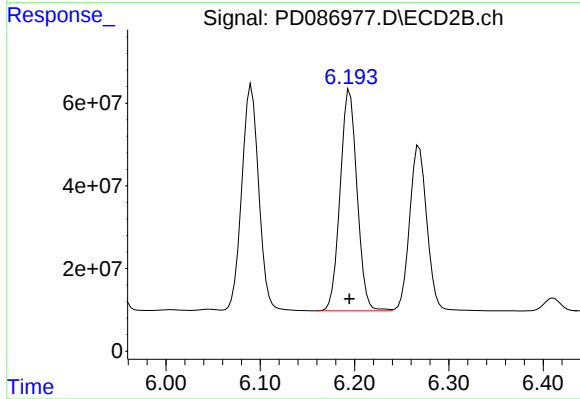
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.001 min  
Response: 139087955  
Conc: 49.24 ng/ml

Instrument :  
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ClientSampleId :  
PB165274BS

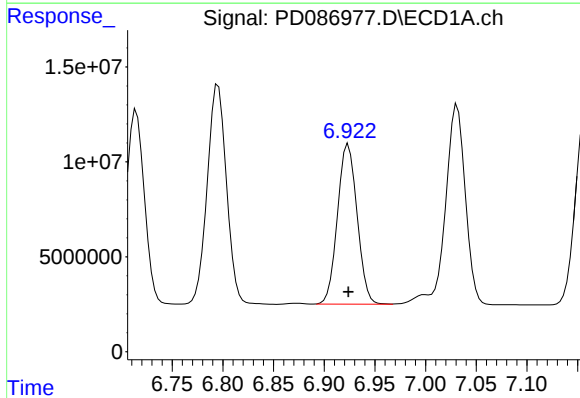
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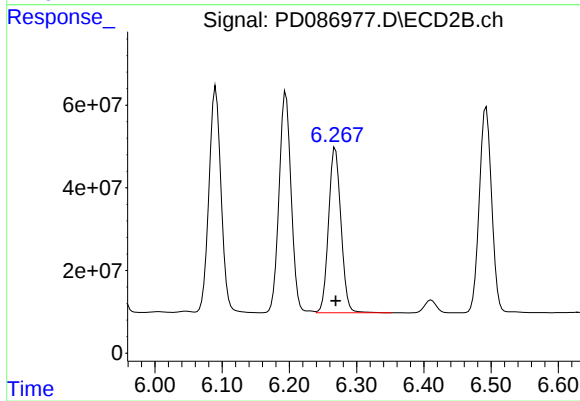
#17 4,4'-DDT

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 666643873  
Conc: 50.00 ng/ml



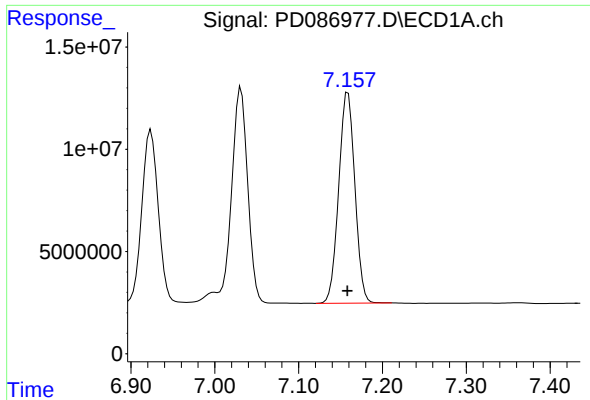
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 113525638  
Conc: 46.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 509830806  
Conc: 45.96 ng/ml



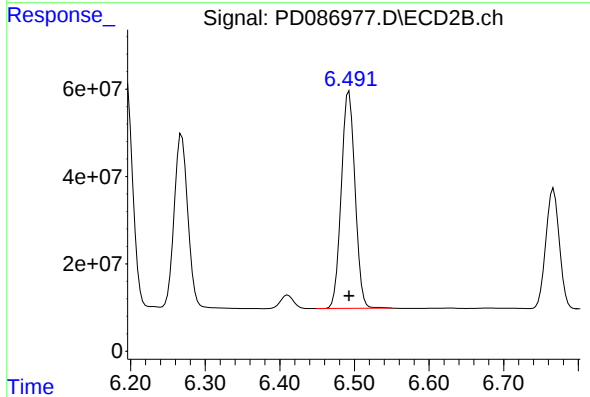
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 137970008  
Conc: 47.41 ng/ml

Instrument :  
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ClientSampleId :  
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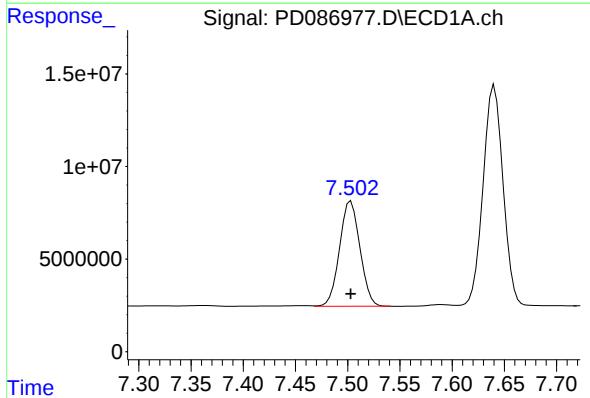
Manual Integrations  
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Reviewed By :Yogesh Patel 12/02/2024  
Supervised By :Ankita Jodhani 12/02/2024



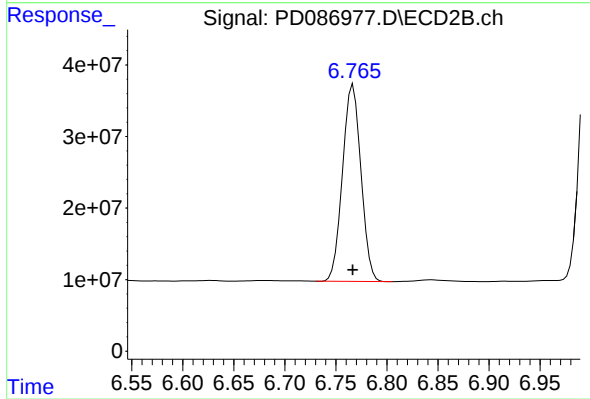
#19 Endosulfan Sulfate

R.T.: 6.493 min  
Delta R.T.: 0.000 min  
Response: 635080954  
Conc: 46.94 ng/ml



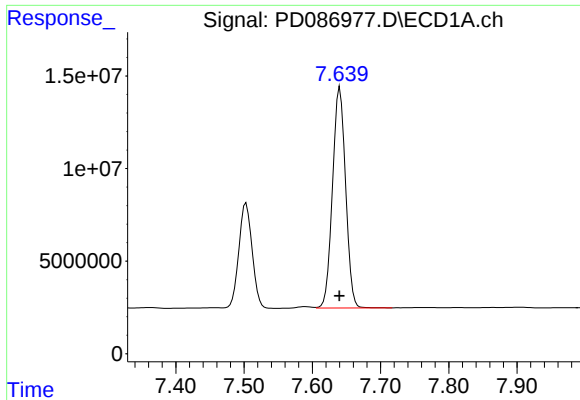
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 77055833  
Conc: 48.18 ng/ml



#20 Methoxychlor

R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 345715242  
Conc: 48.20 ng/ml



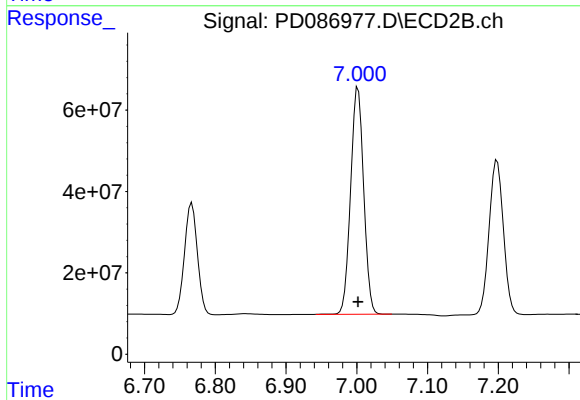
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: 0.000 min  
Response: 158849359  
Conc: 48.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB165274BS

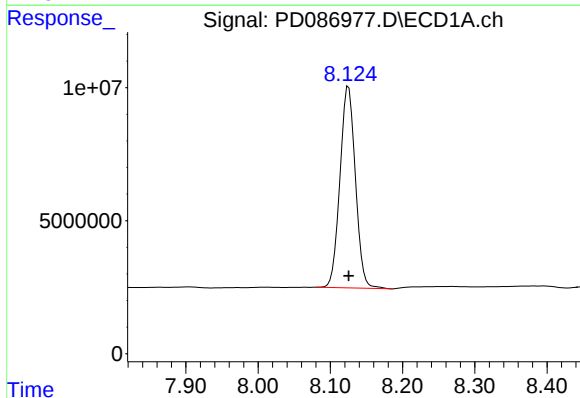
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/02/2024  
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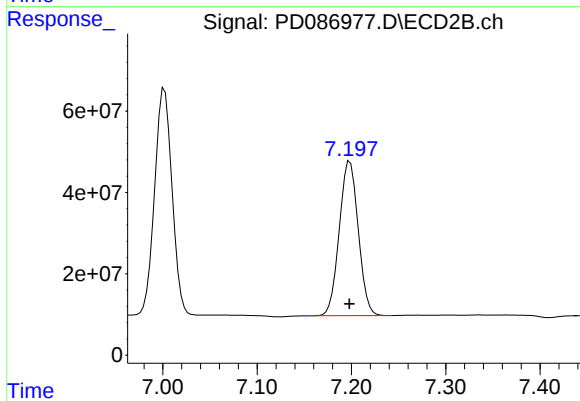
#21 Endrin ketone

R.T.: 7.002 min  
Delta R.T.: 0.000 min  
Response: 717679397  
Conc: 47.62 ng/ml



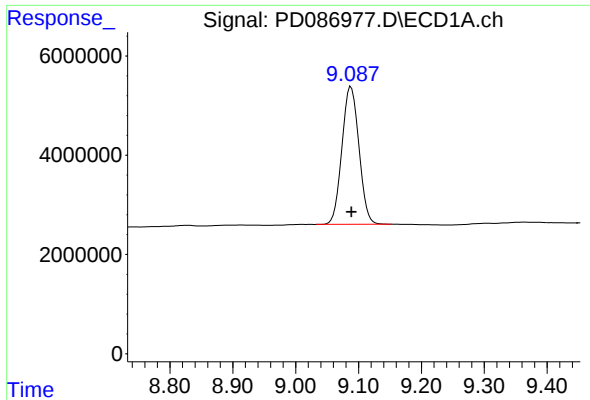
#22 Mirex

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 112290990  
Conc: 45.01 ng/ml



#22 Mirex

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 531691163  
Conc: 43.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.000 min  
Response: 52161751  
Conc: 16.40 ng/ml

Instrument :

ECD\_D

ClientSampleId :

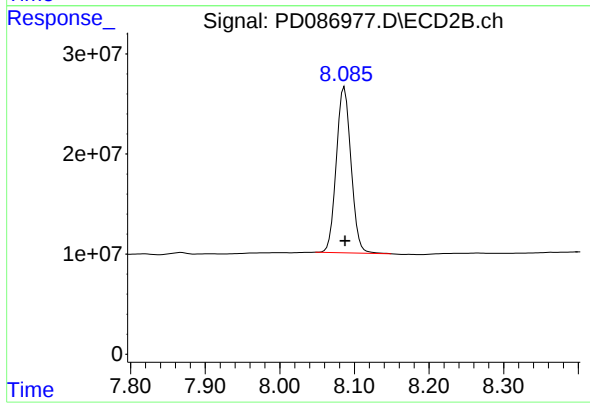
PB165274BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: 0.000 min  
Response: 226857654  
Conc: 16.28 ng/ml