

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121125\  
 Data File : PD091570.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2025 18:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/12/2025  
 Supervised By : Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 03:09:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 09 04:29:17 2025  
 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... | 3.540 | 2.871 | 151.3E6 | 1930.9E6 | 43.568  | 49.003   |
| 2)                          | SA Decachlor... | 9.061 | 8.057 | 219.7E6 | 2191.3E6 | 42.262  | 52.916 # |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.990 | 3.382 | 357.9E6 | 3367.1E6 | 44.455  | 49.391   |
| 3)                          | MA gamma-BHC... | 4.321 | 3.718 | 334.9E6 | 3092.1E6 | 44.557  | 54.992   |
| 4)                          | MA Heptachlor   | 4.918 | 4.070 | 326.4E6 | 3026.4E6 | 45.984  | 51.924   |
| 5)                          | MB Aldrin       | 5.259 | 4.354 | 324.3E6 | 3031.5E6 | 46.612  | 52.280m  |
| 6)                          | B beta-BHC      | 4.509 | 4.015 | 126.6E6 | 1249.7E6 | 43.861  | 52.160   |
| 7)                          | B delta-BHC     | 4.757 | 4.251 | 336.1E6 | 3107.3E6 | 56.186  | 51.887   |
| 8)                          | B Heptachlo...  | 5.680 | 4.859 | 292.8E6 | 2685.4E6 | 47.287  | 53.075   |
| 9)                          | A Endosulfan I  | 6.064 | 5.233 | 273.6E6 | 2111.7E6 | 44.789  | 43.105   |
| 10)                         | B gamma-Chl...  | 5.936 | 5.112 | 291.1E6 | 3006.5E6 | 45.643  | 53.860   |
| 11)                         | B alpha-Chl...  | 6.016 | 5.177 | 293.8E6 | 2843.7E6 | 43.739  | 53.102   |
| 12)                         | B 4,4'-DDE      | 6.186 | 5.359 | 254.4E6 | 2869.7E6 | 43.795  | 52.360m  |
| 13)                         | MA Dieldrin     | 6.336 | 5.499 | 291.0E6 | 2928.0E6 | 44.720  | 52.791   |
| 14)                         | MA Endrin       | 6.564 | 5.775 | 251.9E6 | 2992.4E6 | 44.917  | 57.241m# |
| 15)                         | B Endosulfa...  | 6.777 | 6.068 | 253.4E6 | 2508.4E6 | 41.666  | 53.241 # |
| 16)                         | A 4,4'-DDD      | 6.696 | 5.916 | 221.6E6 | 2454.7E6 | 48.155  | 53.964   |
| 17)                         | MA 4,4'-DDT     | 7.013 | 6.170 | 223.5E6 | 2532.2E6 | 43.343  | 53.423   |
| 18)                         | B Endrin al...  | 6.905 | 6.246 | 177.8E6 | 1877.5E6 | 42.555m | 52.604   |
| 19)                         | B Endosulfa...  | 7.141 | 6.470 | 223.4E6 | 2419.8E6 | 42.324  | 52.498   |
| 20)                         | A Methoxychlor  | 7.486 | 6.740 | 112.3E6 | 1253.0E6 | 41.776  | 53.098 # |
| 21)                         | B Endrin ke...  | 7.621 | 6.979 | 243.9E6 | 2582.0E6 | 43.295m | 53.080   |
| 22)                         | Mirex           | 8.104 | 7.170 | 160.8E6 | 1810.8E6 | 43.272  | 55.249 # |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121125\  
Data File : PD091570.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2025 18:34  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

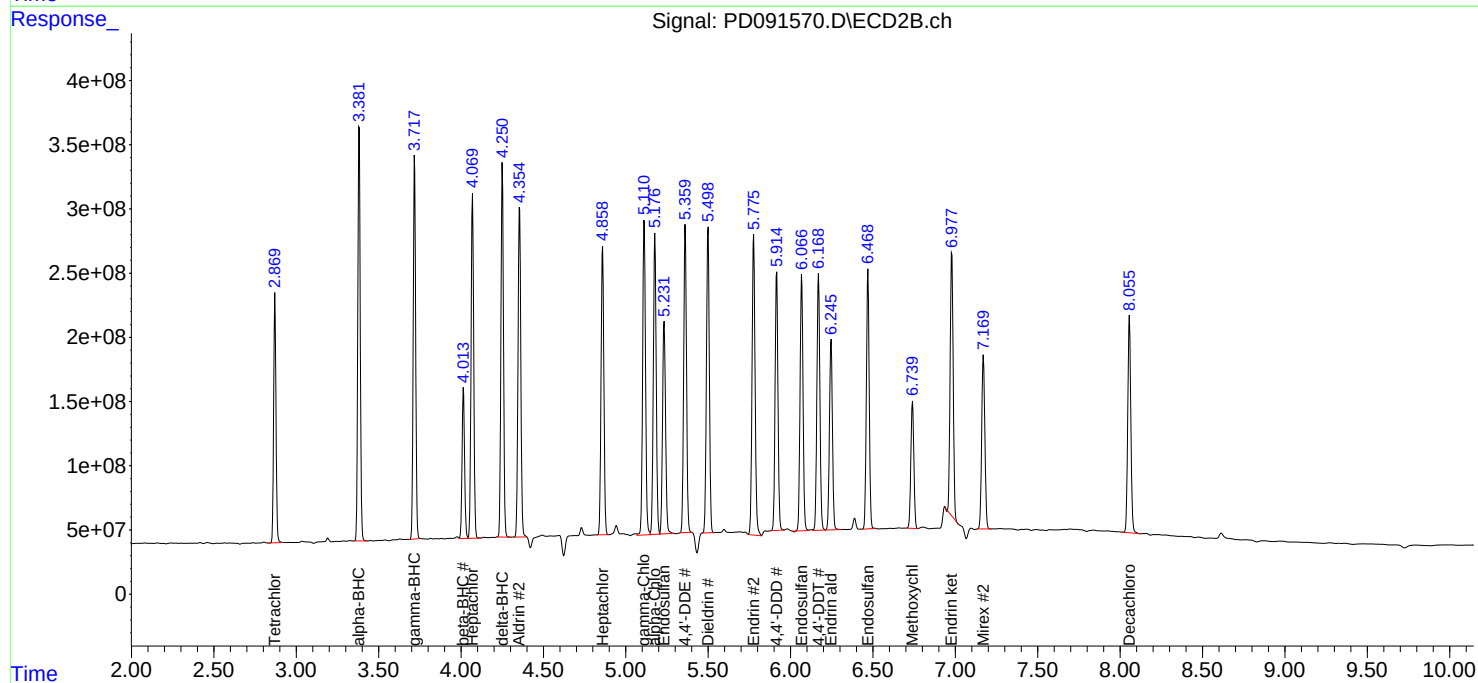
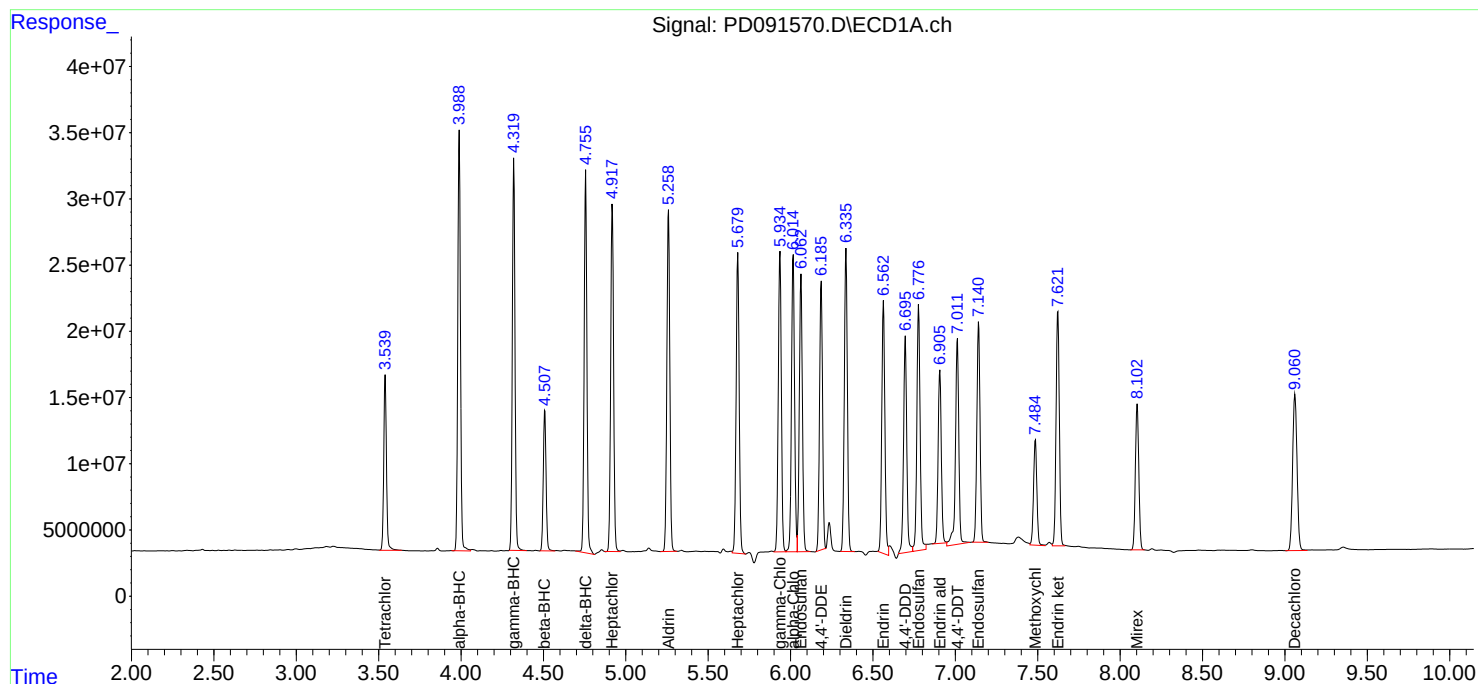
## Manual Integrations

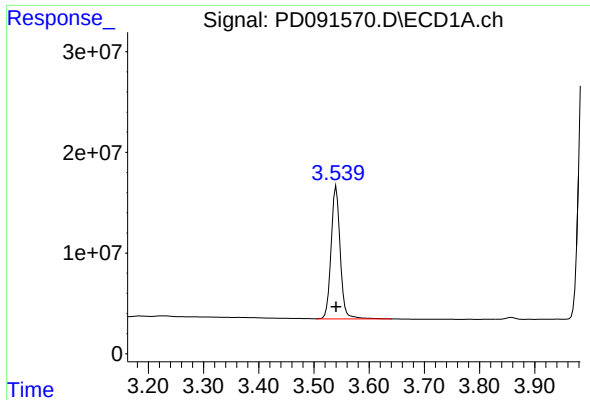
## APPROVED

Reviewed By :Abdul Mirza 12/12/2025  
Supervised By :Yogesh Patel 12/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 03:09:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120825.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 09 04:29:17 2025  
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.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 151325453  
Conc: 43.57 ng/ml

Instrument :

ECD\_D

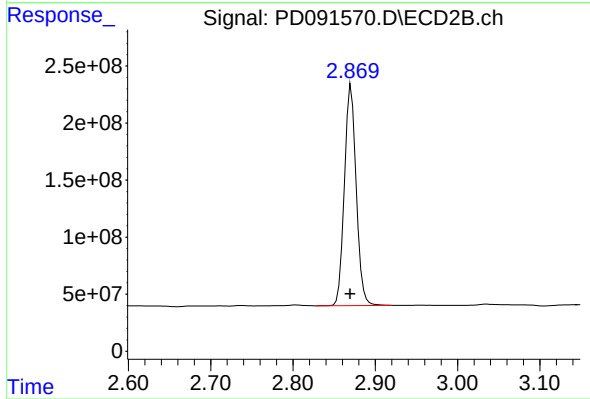
ClientSampleId :

PSTDCCC050

Manual Integrations

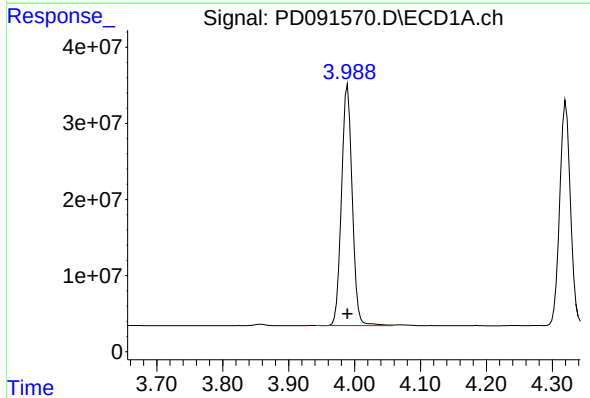
APPROVED

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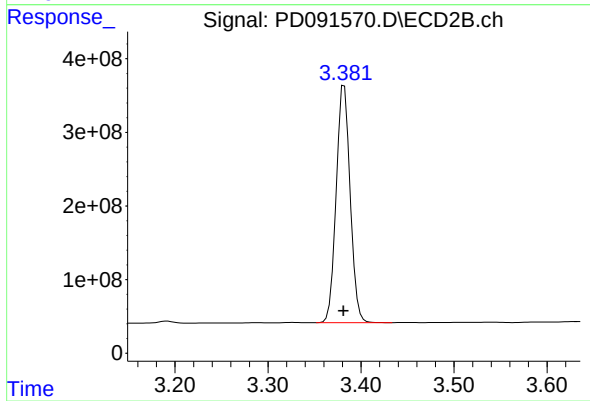
#1 Tetrachloro-m-xylene

R.T.: 2.871 min  
Delta R.T.: 0.001 min  
Response: 1930885247  
Conc: 49.00 ng/ml



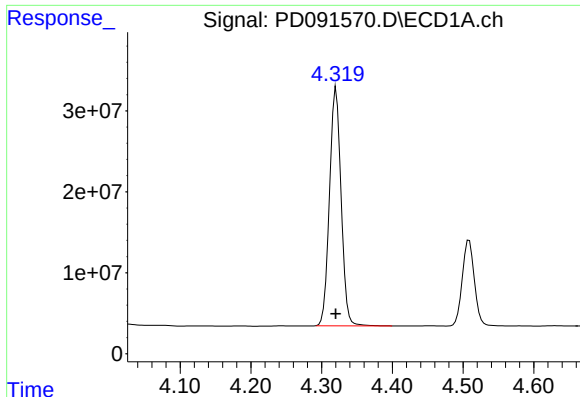
#2 alpha-BHC

R.T.: 3.990 min  
Delta R.T.: 0.000 min  
Response: 357899204  
Conc: 44.45 ng/ml



#2 alpha-BHC

R.T.: 3.382 min  
Delta R.T.: 0.000 min  
Response: 3367140822  
Conc: 49.39 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min  
Delta R.T.: 0.000 min  
Response: 334880365  
Conc: 44.56 ng/ml

Instrument :

ECD\_D

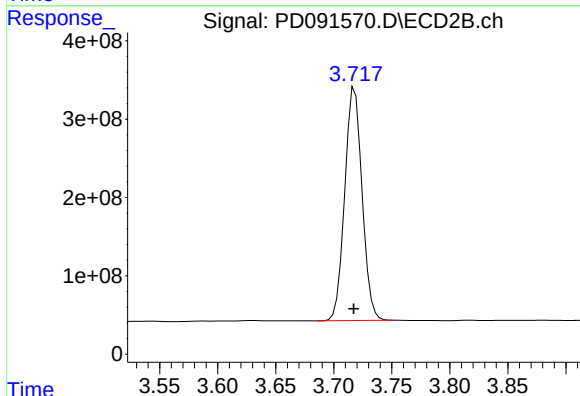
ClientSampleId :

PSTDCCC050

Manual Integrations

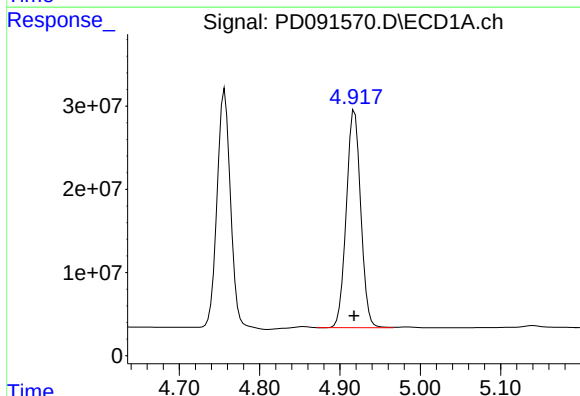
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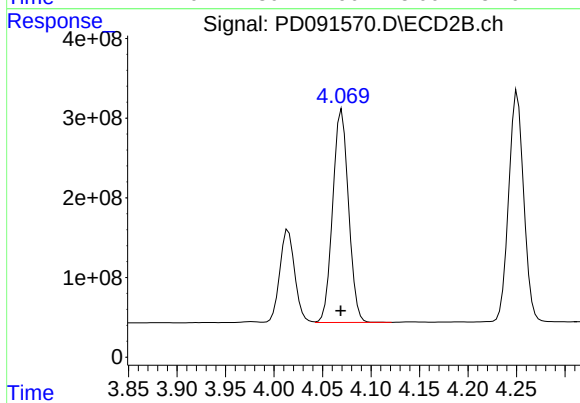
#3 gamma-BHC (Lindane)

R.T.: 3.718 min  
Delta R.T.: 0.000 min  
Response: 3092134077  
Conc: 54.99 ng/ml



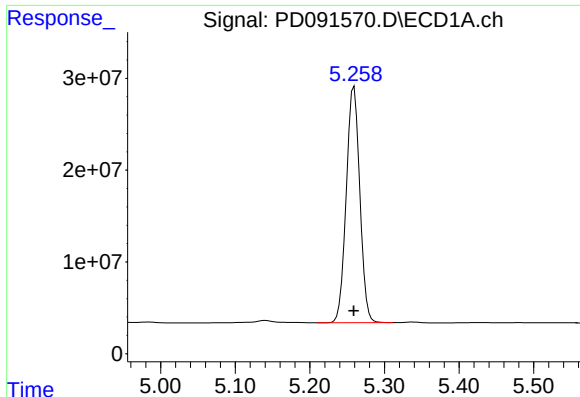
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.000 min  
Response: 326436510  
Conc: 45.98 ng/ml



#4 Heptachlor

R.T.: 4.070 min  
Delta R.T.: 0.001 min  
Response: 3026358335  
Conc: 51.92 ng/ml



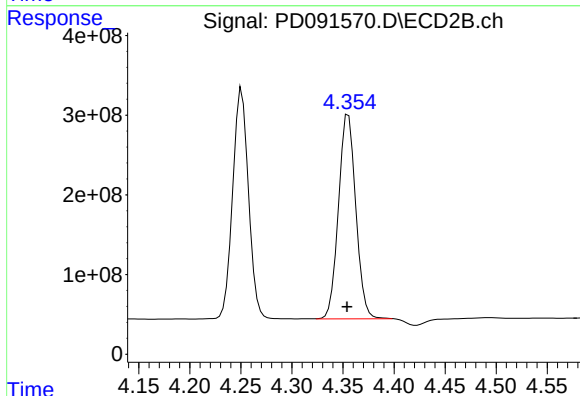
#5 Aldrin

R.T.: 5.259 min  
Delta R.T.: 0.000 min  
Response: 324318559  
Conc: 46.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

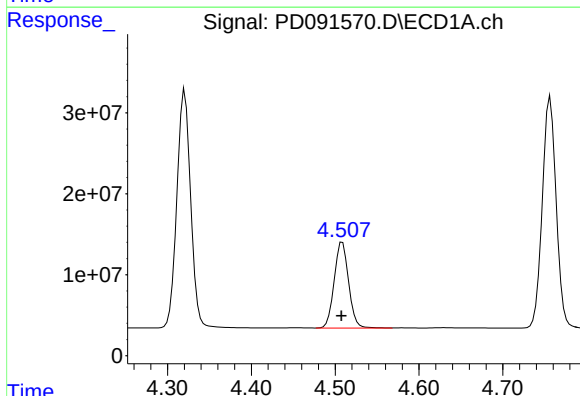
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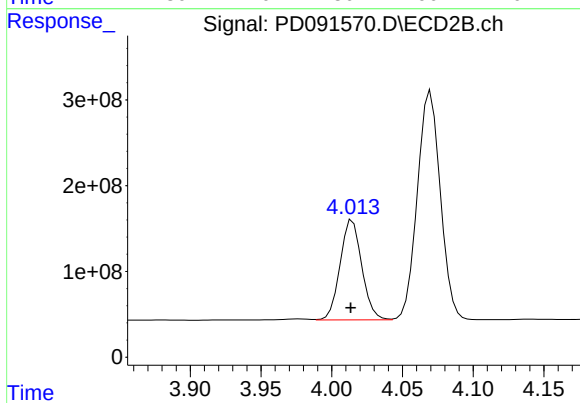
#5 Aldrin

R.T.: 4.354 min  
Delta R.T.: 0.000 min  
Response: 3031501230  
Conc: 52.28 ng/ml m



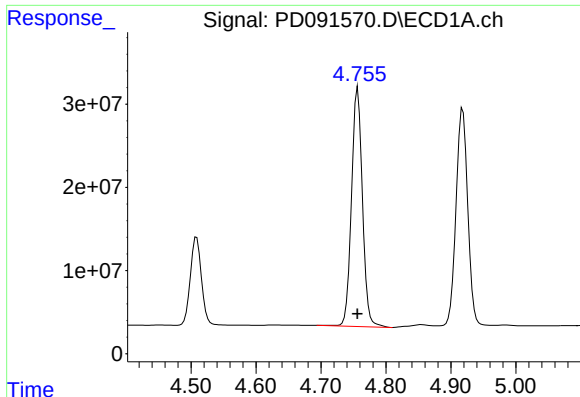
#6 beta-BHC

R.T.: 4.509 min  
Delta R.T.: 0.000 min  
Response: 126628671  
Conc: 43.86 ng/ml



#6 beta-BHC

R.T.: 4.015 min  
Delta R.T.: 0.001 min  
Response: 1249698400  
Conc: 52.16 ng/ml



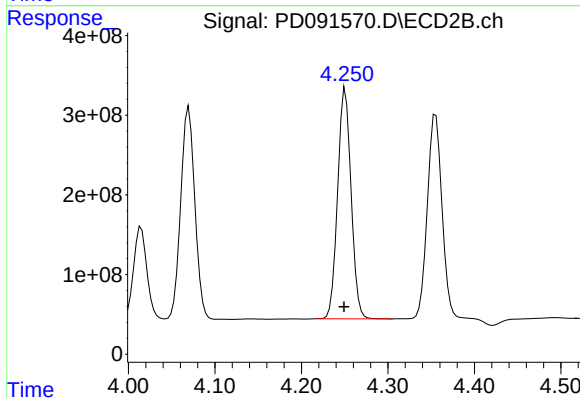
#7 delta-BHC

R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 336118254  
Conc: 56.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

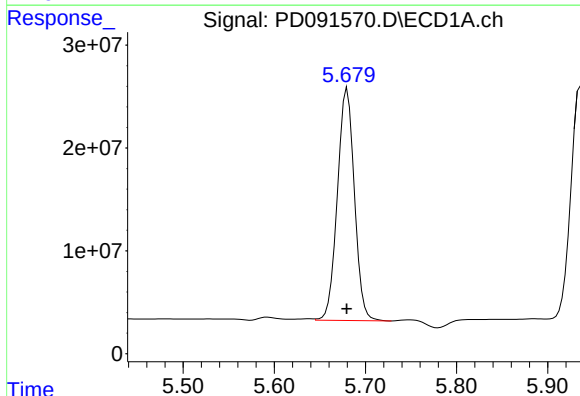
Manual Integrations  
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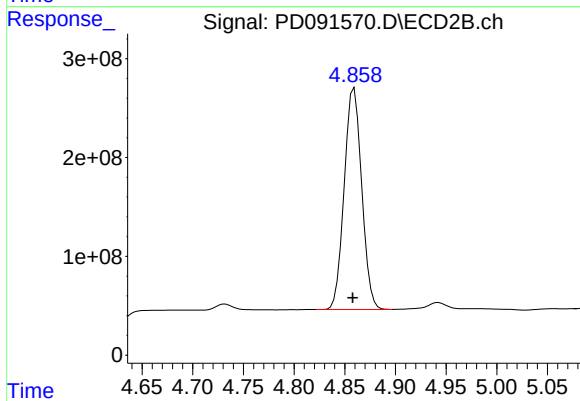
#7 delta-BHC

R.T.: 4.251 min  
Delta R.T.: 0.002 min  
Response: 3107324337  
Conc: 51.89 ng/ml



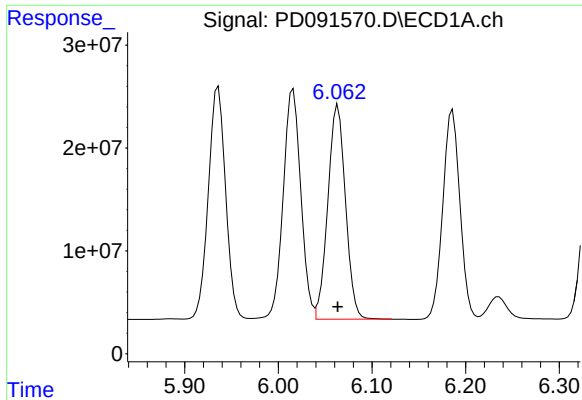
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 292816863  
Conc: 47.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min  
Delta R.T.: 0.002 min  
Response: 2685410900  
Conc: 53.07 ng/ml



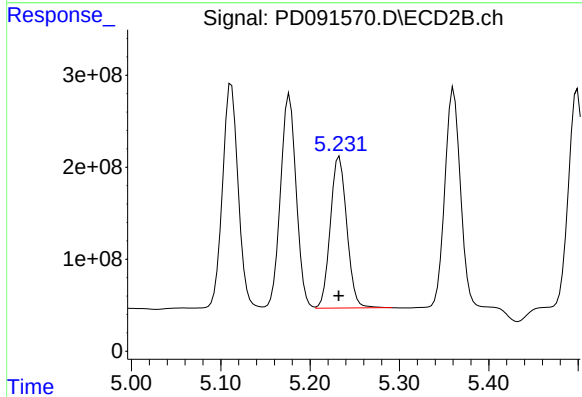
#9 Endosulfan I

R.T.: 6.064 min  
Delta R.T.: 0.000 min  
Response: 273649972  
Conc: 44.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

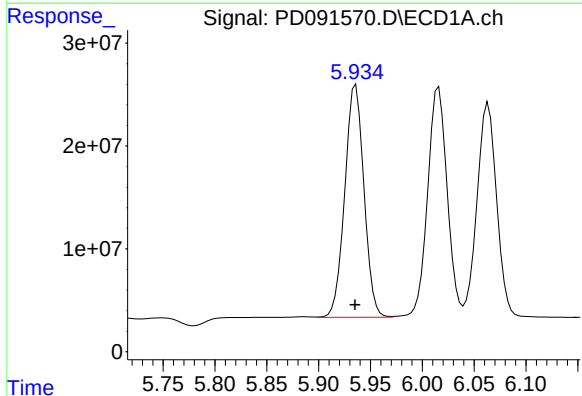
Manual Integrations  
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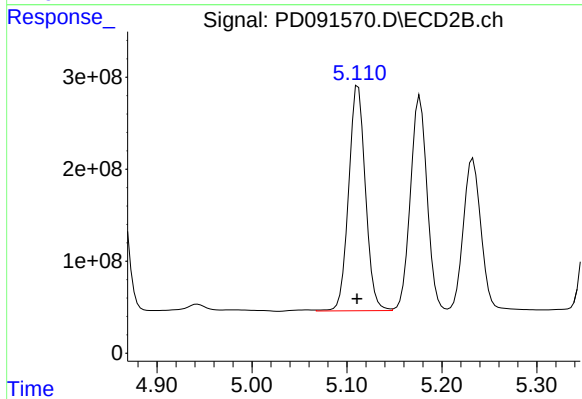
#9 Endosulfan I

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 2111655110  
Conc: 43.10 ng/ml



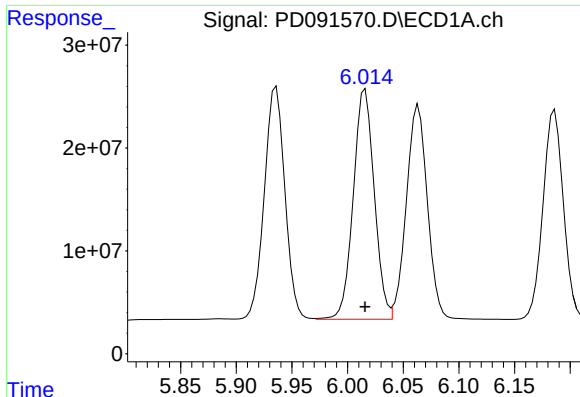
#10 gamma-Chlordane

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 291066534  
Conc: 45.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min  
Delta R.T.: 0.001 min  
Response: 3006493800  
Conc: 53.86 ng/ml



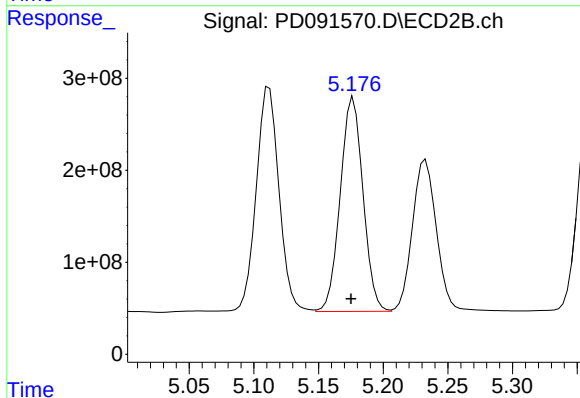
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 293762485  
Conc: 43.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

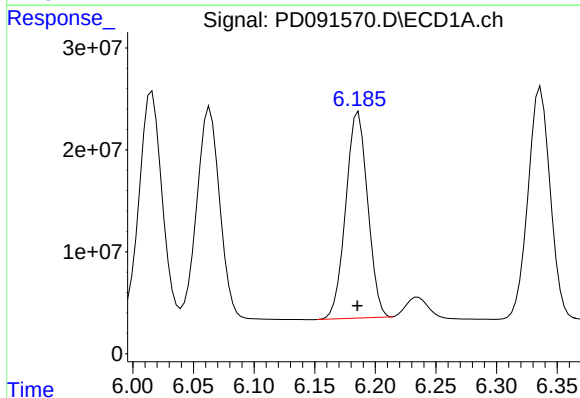
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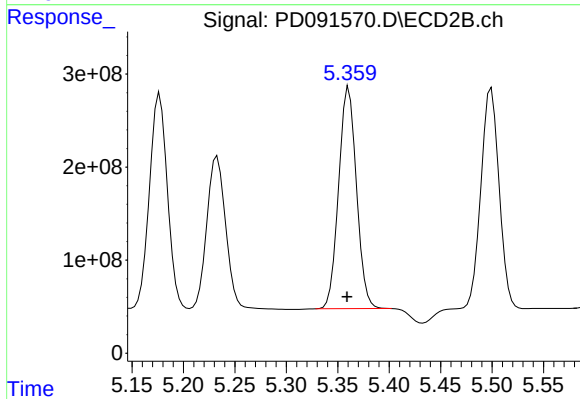
#11 alpha-Chlordane

R.T.: 5.177 min  
Delta R.T.: 0.002 min  
Response: 2843674225  
Conc: 53.10 ng/ml



#12 4,4'-DDE

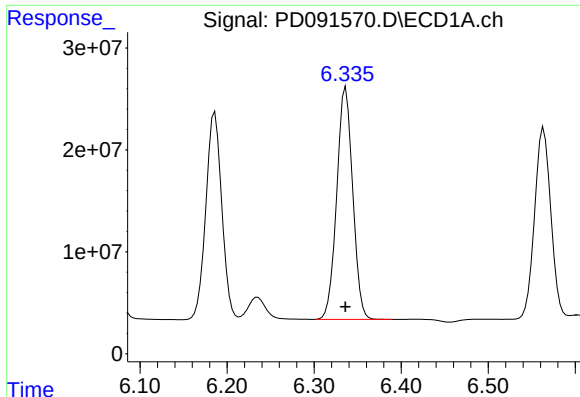
R.T.: 6.186 min  
Delta R.T.: 0.000 min  
Response: 254424352  
Conc: 43.80 ng/ml



#12 4,4'-DDE

R.T.: 5.359 min  
Delta R.T.: 0.000 min  
Response: 2869726928  
Conc: 52.36 ng/ml m





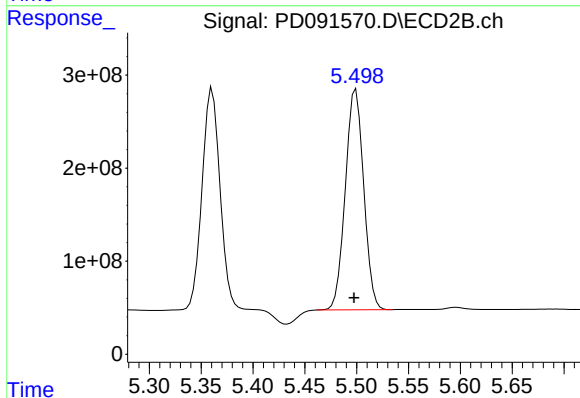
#13 Dieldrin

R.T.: 6.336 min  
Delta R.T.: 0.000 min  
Response: 290985489  
Conc: 44.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

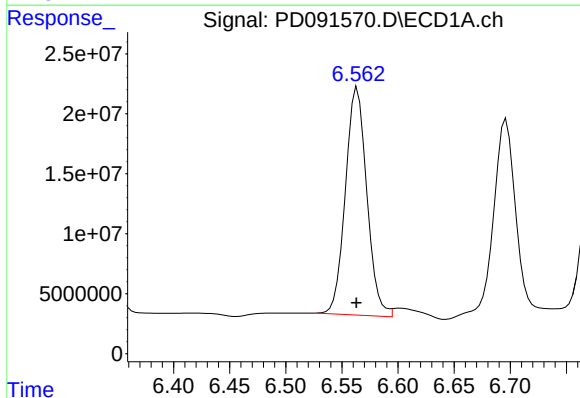
Manual Integrations  
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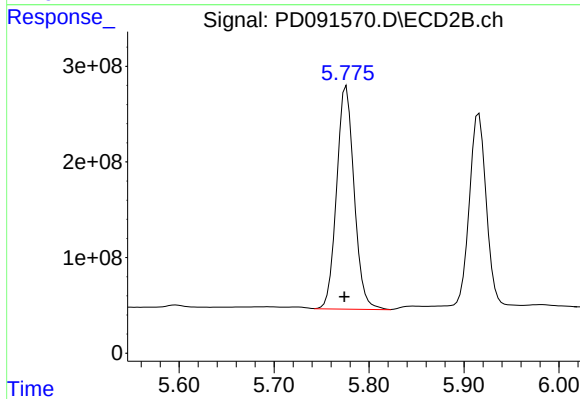
#13 Dieldrin

R.T.: 5.499 min  
Delta R.T.: 0.002 min  
Response: 2928027151  
Conc: 52.79 ng/ml



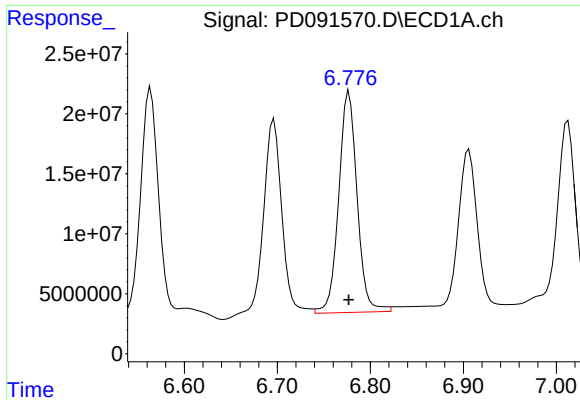
#14 Endrin

R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 251905823  
Conc: 44.92 ng/ml



#14 Endrin

R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 2992428435  
Conc: 57.24 ng/ml m



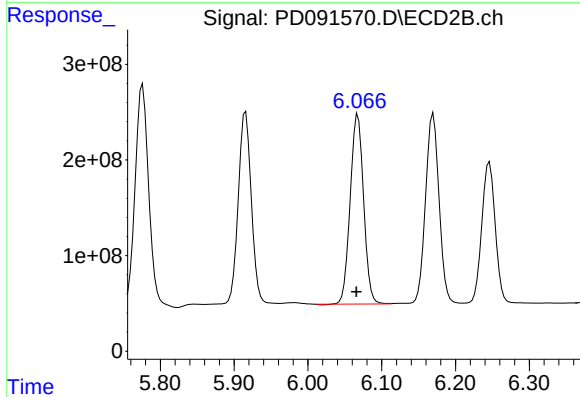
#15 Endosulfan II

R.T.: 6.777 min  
Delta R.T.: 0.000 min  
Response: 253359354  
Conc: 41.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

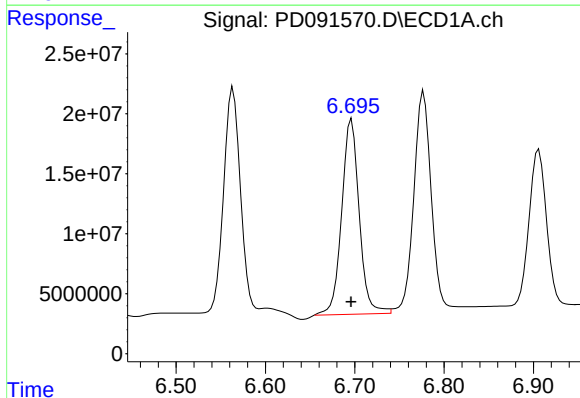
Manual Integrations  
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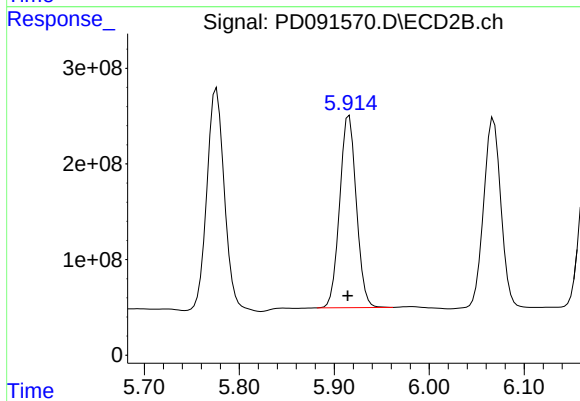
#15 Endosulfan II

R.T.: 6.068 min  
Delta R.T.: 0.002 min  
Response: 2508421236  
Conc: 53.24 ng/ml



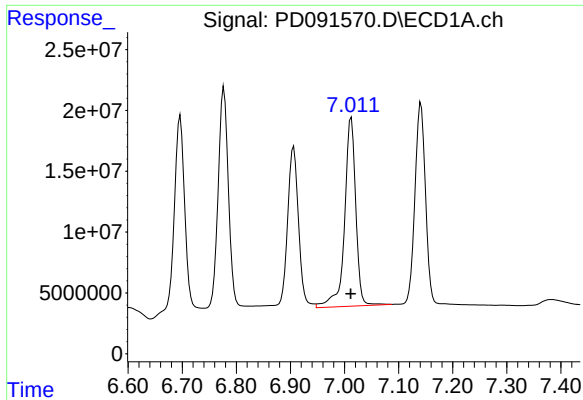
#16 4,4'-DDD

R.T.: 6.696 min  
Delta R.T.: 0.000 min  
Response: 221647286  
Conc: 48.15 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min  
Delta R.T.: 0.001 min  
Response: 2454688483  
Conc: 53.96 ng/ml



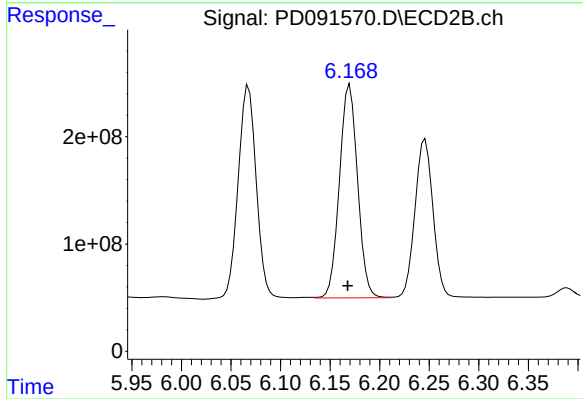
#17 4,4'-DDT

R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 223497396  
Conc: 43.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

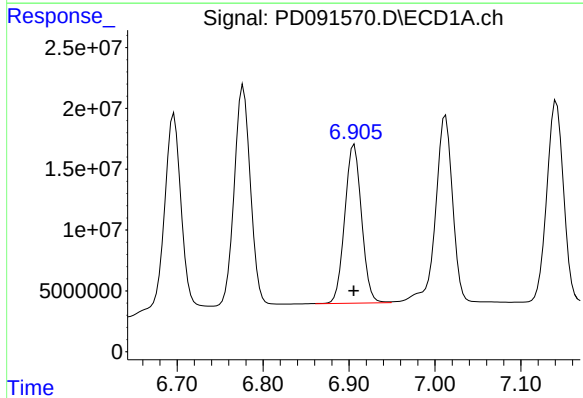
Manual Integrations  
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Supervised By :Yogesh Patel 12/12/2025



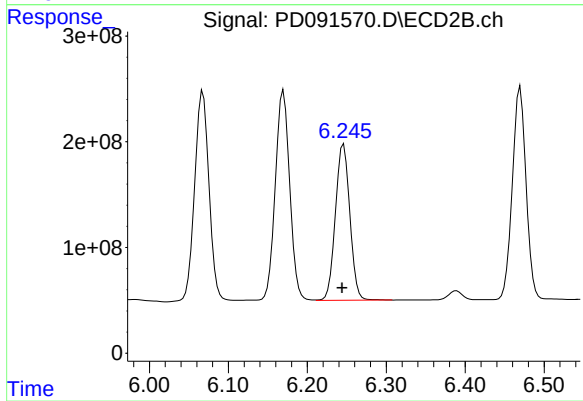
#17 4,4'-DDT

R.T.: 6.170 min  
Delta R.T.: 0.002 min  
Response: 2532185645  
Conc: 53.42 ng/ml



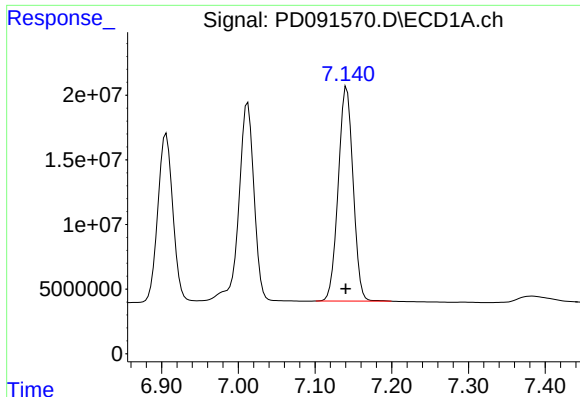
#18 Endrin aldehyde

R.T.: 6.905 min  
Delta R.T.: 0.000 min  
Response: 177768073  
Conc: 42.55 ng/ml m



#18 Endrin aldehyde

R.T.: 6.246 min  
Delta R.T.: 0.002 min  
Response: 1877491636  
Conc: 52.60 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.141 min  
Delta R.T.: 0.000 min  
Response: 223438618  
Conc: 42.32 ng/ml

Instrument :

ECD\_D

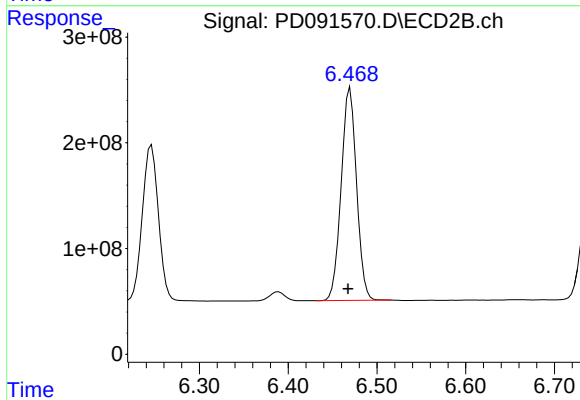
ClientSampleId :

PSTDCCC050

Manual Integrations

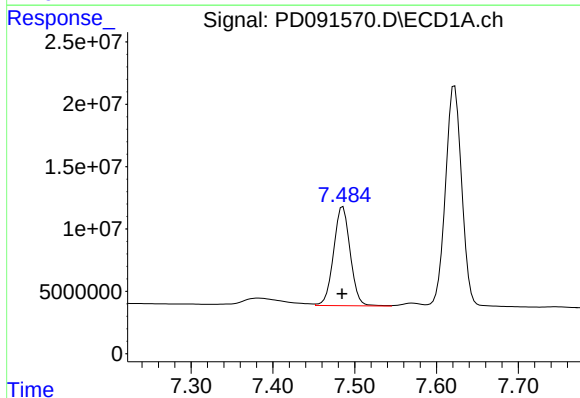
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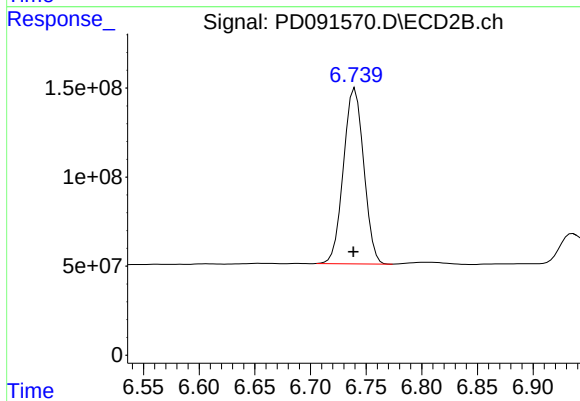
#19 Endosulfan Sulfate

R.T.: 6.470 min  
Delta R.T.: 0.002 min  
Response: 2419820203  
Conc: 52.50 ng/ml



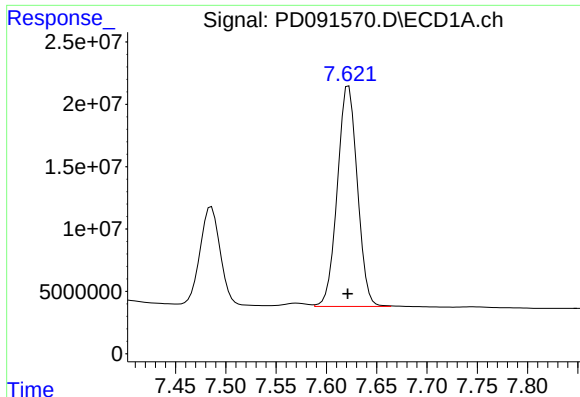
#20 Methoxychlor

R.T.: 7.486 min  
Delta R.T.: 0.001 min  
Response: 112292347  
Conc: 41.78 ng/ml



#20 Methoxychlor

R.T.: 6.740 min  
Delta R.T.: 0.002 min  
Response: 1253015961  
Conc: 53.10 ng/ml



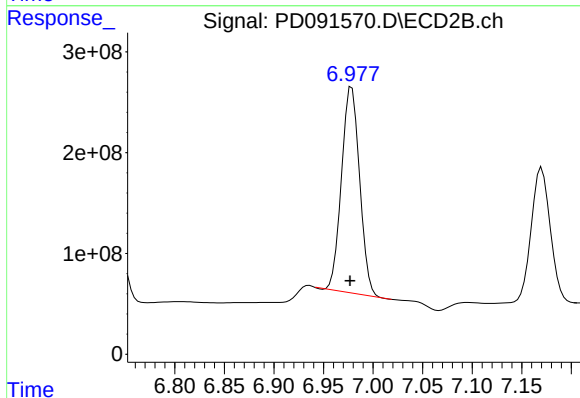
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: 0.000 min  
Response: 243921078  
Conc: 43.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

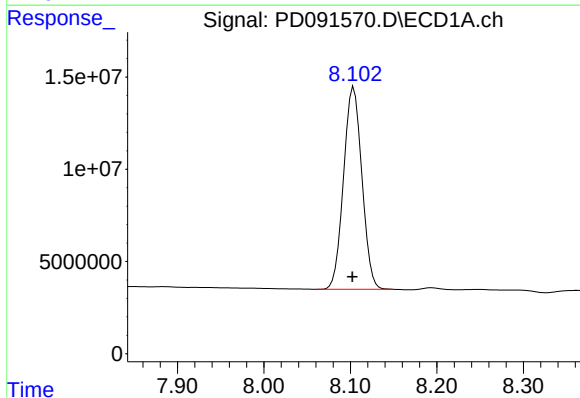
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/12/2025  
Supervised By :Yogesh Patel 12/12/2025



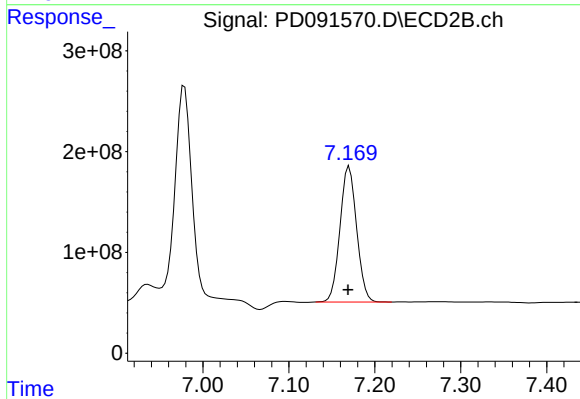
#21 Endrin ketone

R.T.: 6.979 min  
Delta R.T.: 0.002 min  
Response: 2581958394  
Conc: 53.08 ng/ml



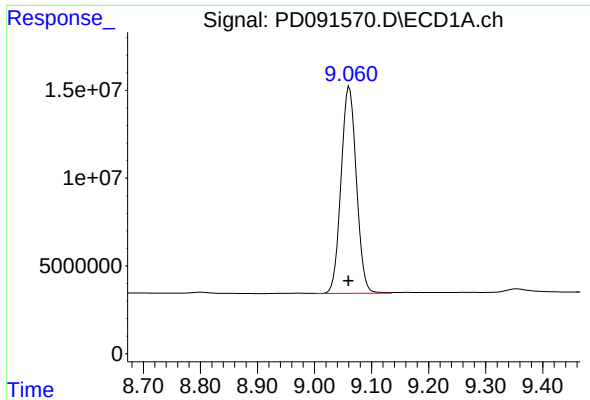
#22 Mirex

R.T.: 8.104 min  
Delta R.T.: 0.002 min  
Response: 160775378  
Conc: 43.27 ng/ml



#22 Mirex

R.T.: 7.170 min  
Delta R.T.: 0.001 min  
Response: 1810806637  
Conc: 55.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.002 min  
Response: 219680118  
Conc: 42.26 ng/ml

Instrument :

ECD\_D

ClientSampleId :

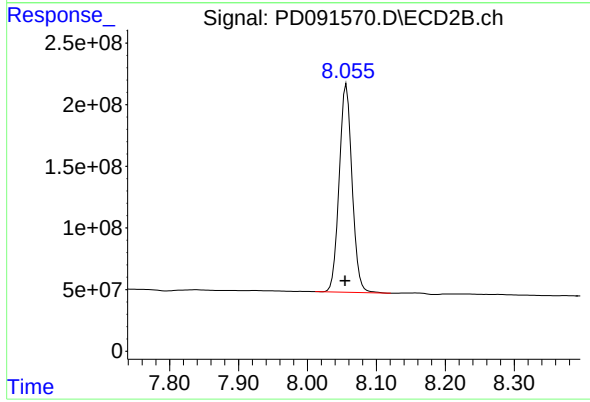
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/12/2025

Supervised By :Yogesh Patel 12/12/2025



#28 Decachlorobiphenyl

R.T.: 8.057 min  
Delta R.T.: 0.002 min  
Response: 2191281495  
Conc: 52.92 ng/ml