

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031325\  
 Data File : PD087965.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 16:38  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**

ECD\_D

**ClientSampleId :**

PSTDICC005

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 02:31:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031325.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 13 02:27:03 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... | 3.553 | 2.885 | 9031982  | 76220412 | 4.948  | 5.693   |
| 28)                         | SA Decachlor... | 9.080 | 8.080 | 16011288 | 90644733 | 5.382  | 5.941   |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.002 | 3.398 | 16410931 | 112.6E6  | 3.987  | 5.366 # |
| 3)                          | MA gamma-BHC... | 4.332 | 3.734 | 15937543 | 107.9E6  | 4.070m | 5.552 # |
| 4)                          | MA Heptachlor   | 4.933 | 4.088 | 17129311 | 109.4E6  | 4.431  | 5.642 # |
| 5)                          | MB Aldrin       | 5.275 | 4.374 | 16555478 | 107.1E6  | 4.437  | 5.636 # |
| 6)                          | B beta-BHC      | 4.518 | 4.030 | 7765738  | 50166711 | 5.124  | 5.923   |
| 7)                          | B delta-BHC     | 4.765 | 4.267 | 17960692 | 106.8E6  | 4.592m | 5.508   |
| 8)                          | B Heptachlo...  | 5.694 | 4.878 | 15838862 | 99036598 | 4.694m | 5.750   |
| 9)                          | A Endosulfan I  | 6.078 | 5.253 | 15420698 | 94817999 | 4.836  | 5.756   |
| 10)                         | B gamma-Chl...  | 5.949 | 5.132 | 15680565 | 105.3E6  | 4.603m | 5.742   |
| 11)                         | B alpha-Chl...  | 6.030 | 5.196 | 16330443 | 102.8E6  | 4.804m | 5.861   |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.382 | 13709404 | 99632160 | 4.416  | 5.599 # |
| 13)                         | MA Dieldrin     | 6.352 | 5.519 | 15308729 | 101.4E6  | 4.476  | 5.592   |
| 14)                         | MA Endrin       | 6.579 | 5.796 | 12949956 | 96373733 | 4.497  | 5.852 # |
| 15)                         | B Endosulfa...  | 6.790 | 6.087 | 14382738 | 92146097 | 4.992  | 5.806   |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.936 | 10649422 | 82437294 | 4.435  | 5.582 # |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.191 | 11910733 | 78727227 | 4.443  | 5.033   |
| 18)                         | B Endrin al...  | 6.919 | 6.266 | 11360067 | 73577594 | 5.163  | 5.989   |
| 19)                         | B Endosulfa...  | 7.154 | 6.489 | 13169994 | 90998620 | 4.872  | 5.833   |
| 20)                         | A Methoxychlor  | 7.498 | 6.762 | 7120977  | 46002238 | 4.995  | 5.600   |
| 21)                         | B Endrin ke...  | 7.635 | 6.998 | 13634315 | 96283583 | 4.629  | 5.740   |
| 22)                         | Mirex           | 8.119 | 7.193 | 11724491 | 80670130 | 5.387  | 6.076   |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031325\  
Data File : PD087965.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 16:38  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC005

## Manual Integrations

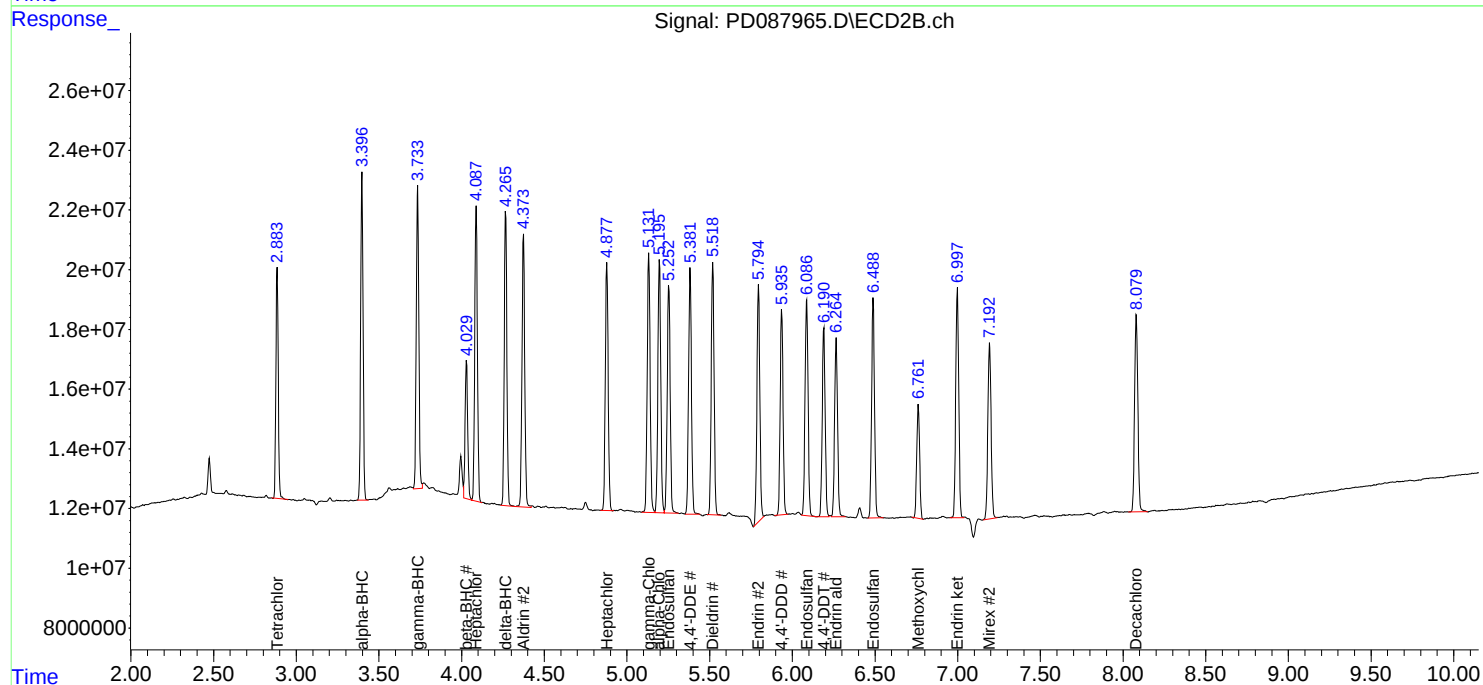
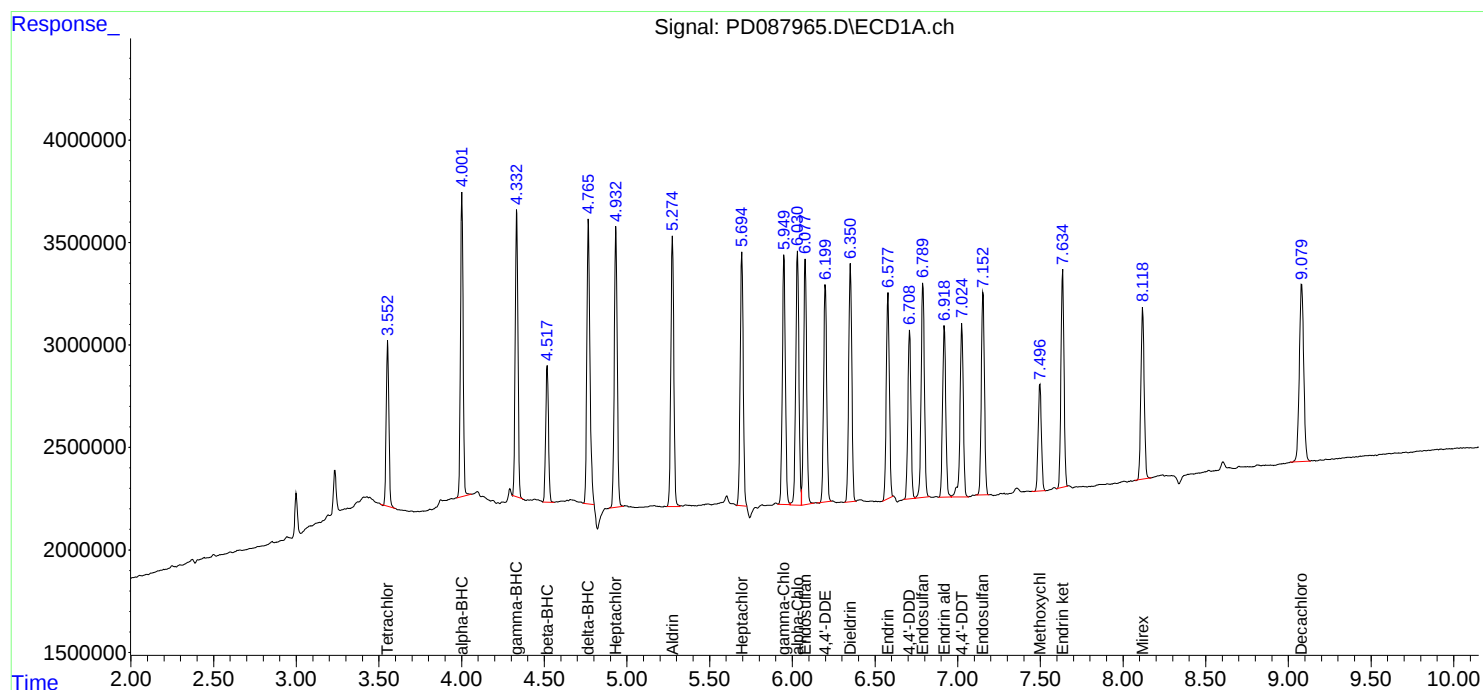
## APPROVED

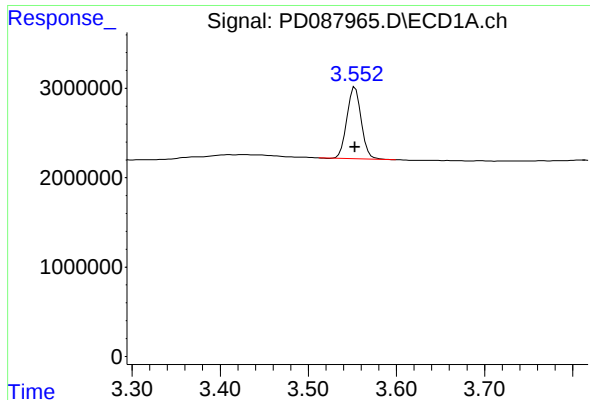
Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 02:31:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031325.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 13 02:27:03 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





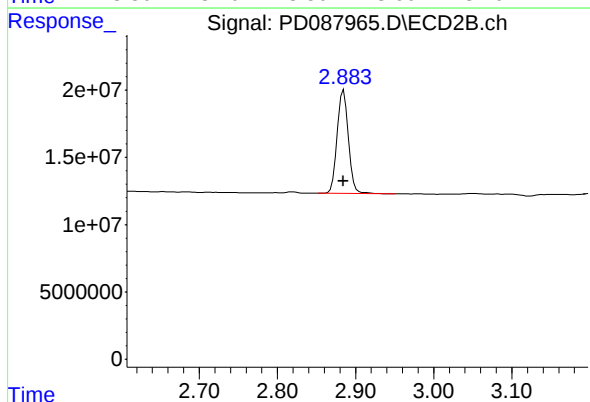
#1 Tetrachloro-m-xylene

R.T.: 3.553 min  
Delta R.T.: 0.000 min  
Response: 9031982  
Conc: 4.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

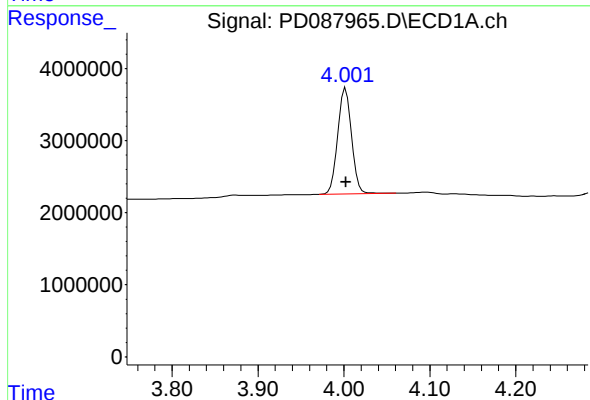
Manual Integrations  
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Reviewed By :Abdul Mirza 03/18/2025  
Supervised By :mohammad ahmed 03/19/2025



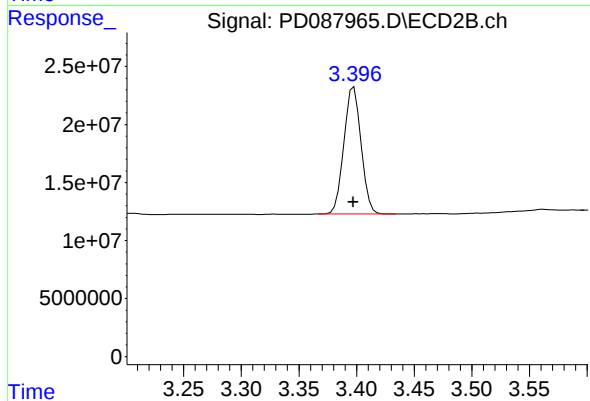
#1 Tetrachloro-m-xylene

R.T.: 2.885 min  
Delta R.T.: 0.000 min  
Response: 76220412  
Conc: 5.69 ng/ml



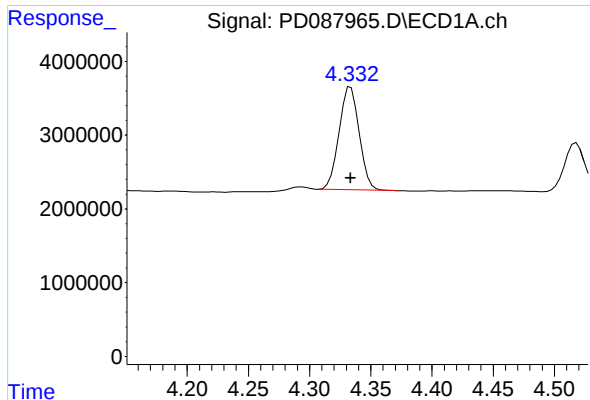
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 16410931  
Conc: 3.99 ng/ml



#2 alpha-BHC

R.T.: 3.398 min  
Delta R.T.: 0.000 min  
Response: 112554331  
Conc: 5.37 ng/ml



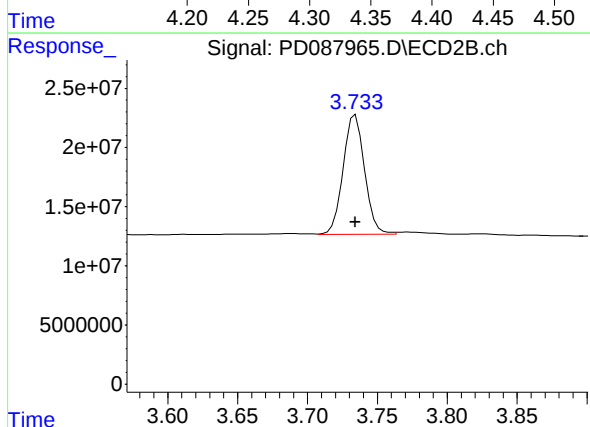
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: -0.001 min  
Response: 15937543  
Conc: 4.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

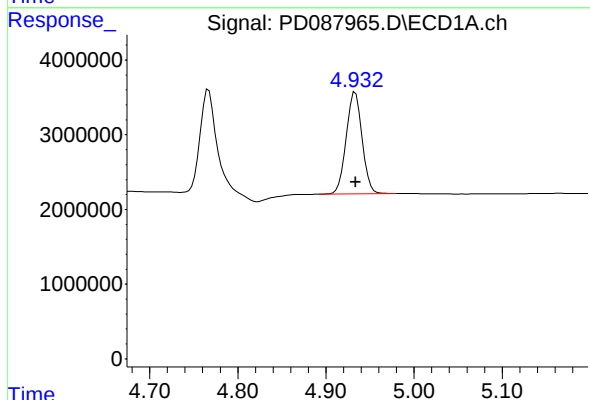
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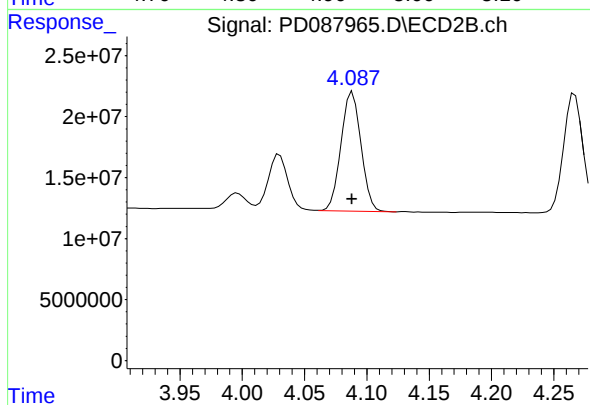
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: 0.000 min  
Response: 107866505  
Conc: 5.55 ng/ml



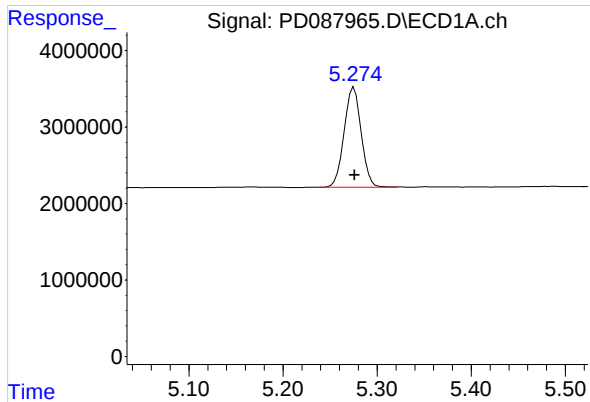
#4 Heptachlor

R.T.: 4.933 min  
Delta R.T.: 0.000 min  
Response: 17129311  
Conc: 4.43 ng/ml



#4 Heptachlor

R.T.: 4.088 min  
Delta R.T.: 0.000 min  
Response: 109425589  
Conc: 5.64 ng/ml



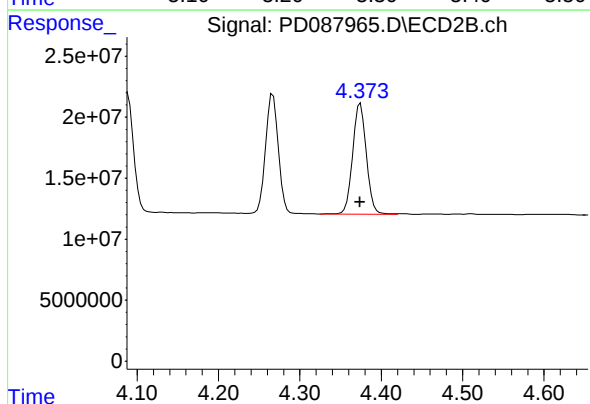
#5 Aldrin

R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 16555478  
Conc: 4.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

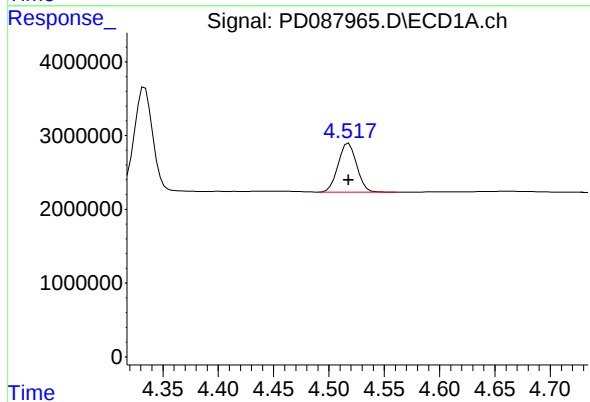
Manual Integrations  
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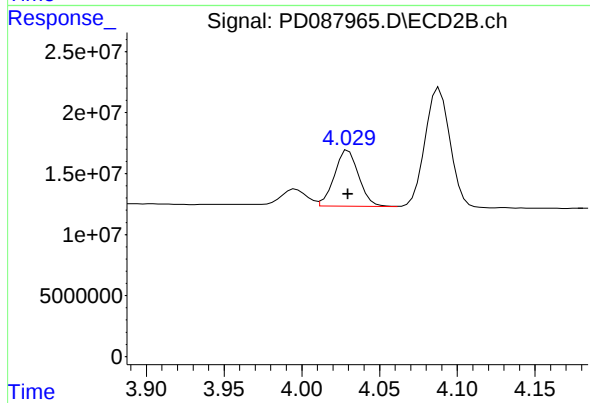
#5 Aldrin

R.T.: 4.374 min  
Delta R.T.: 0.000 min  
Response: 107054404  
Conc: 5.64 ng/ml



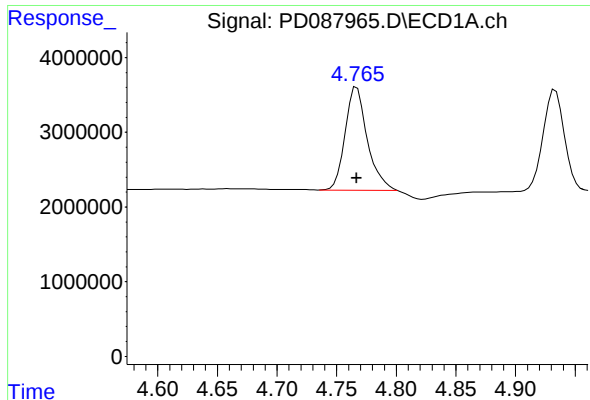
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: 0.000 min  
Response: 7765738  
Conc: 5.12 ng/ml



#6 beta-BHC

R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 50166711  
Conc: 5.92 ng/ml



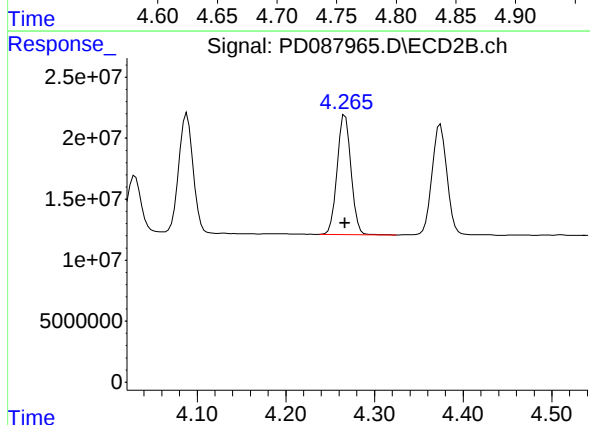
#7 delta-BHC

R.T.: 4.765 min  
Delta R.T.: -0.001 min  
Response: 17960692  
Conc: 4.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

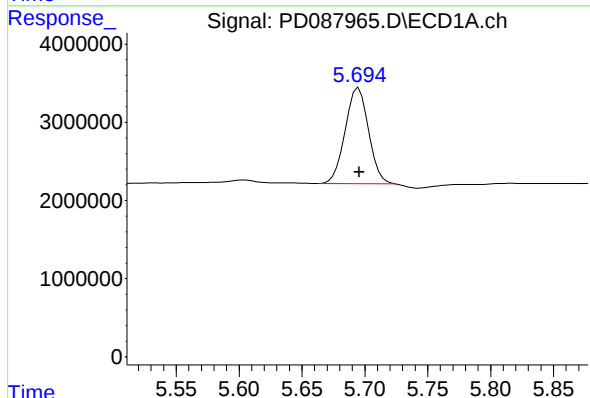
Manual Integrations  
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Supervised By :mohammad ahmed 03/19/2025



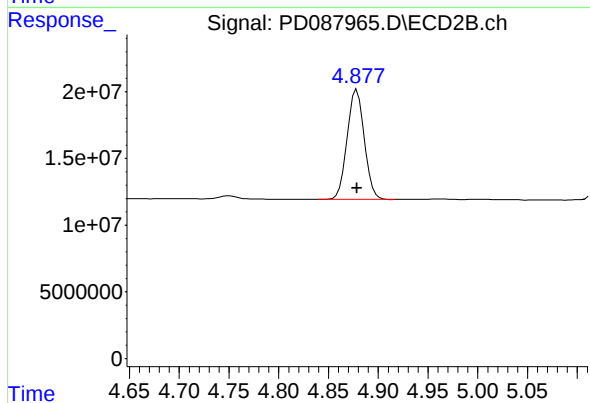
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 106779570  
Conc: 5.51 ng/ml



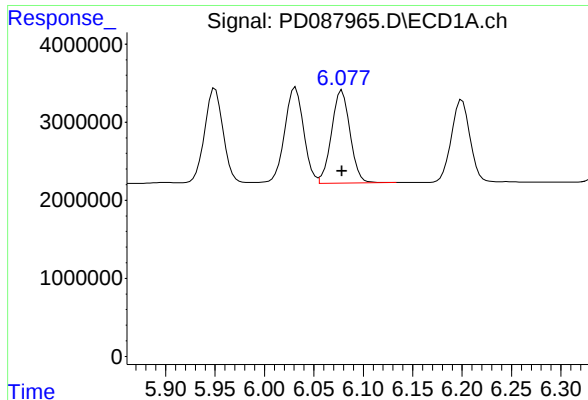
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 15838862  
Conc: 4.69 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.878 min  
Delta R.T.: 0.000 min  
Response: 99036598  
Conc: 5.75 ng/ml



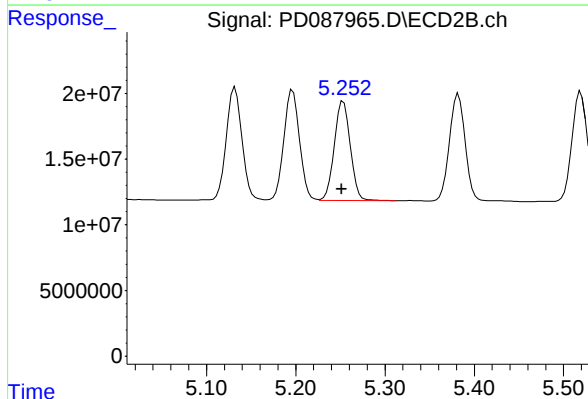
#9 Endosulfan I

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 15420698  
Conc: 4.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

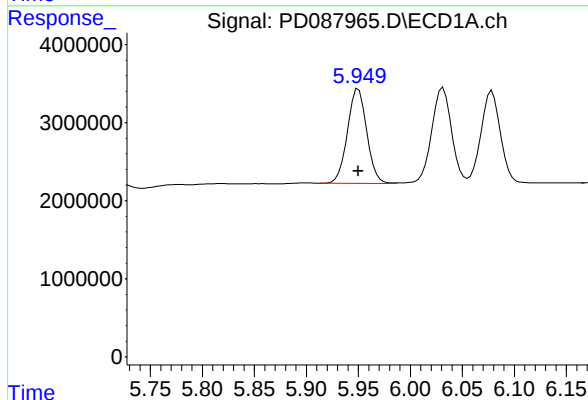
Manual Integrations  
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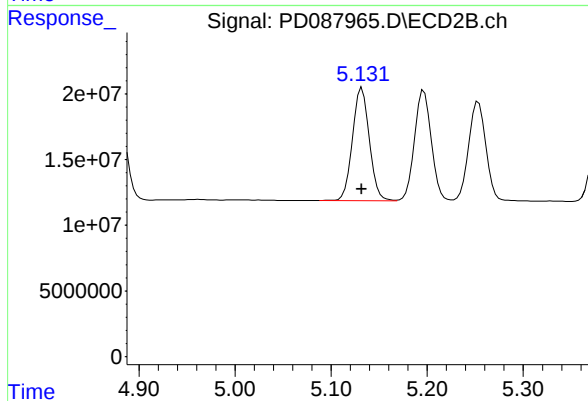
#9 Endosulfan I

R.T.: 5.253 min  
Delta R.T.: 0.002 min  
Response: 94817999  
Conc: 5.76 ng/ml



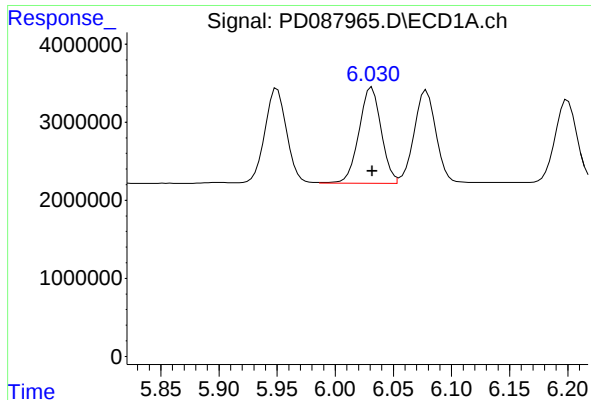
#10 gamma-Chlordane

R.T.: 5.949 min  
Delta R.T.: -0.001 min  
Response: 15680565  
Conc: 4.60 ng/ml m



#10 gamma-Chlordane

R.T.: 5.132 min  
Delta R.T.: 0.000 min  
Response: 105307936  
Conc: 5.74 ng/ml



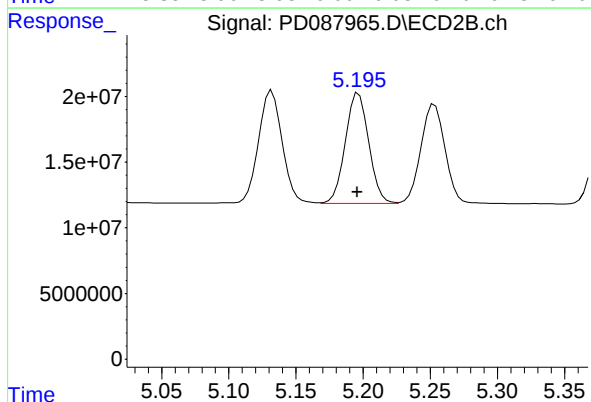
#11 alpha-Chlordane

R.T.: 6.030 min  
Delta R.T.: -0.002 min  
Response: 16330443  
Conc: 4.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

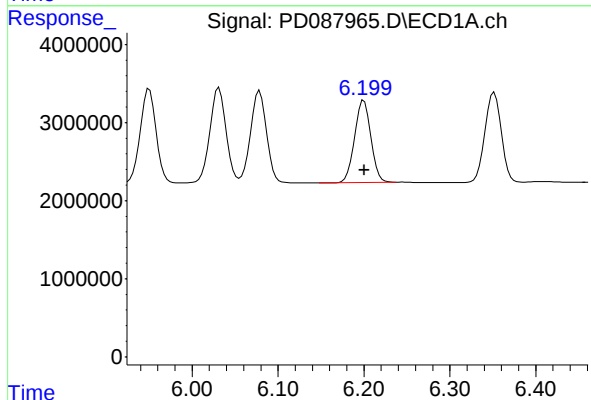
Manual Integrations  
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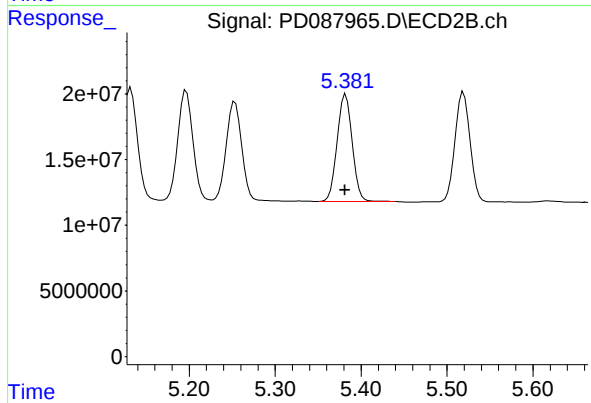
#11 alpha-Chlordane

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 102776809  
Conc: 5.86 ng/ml



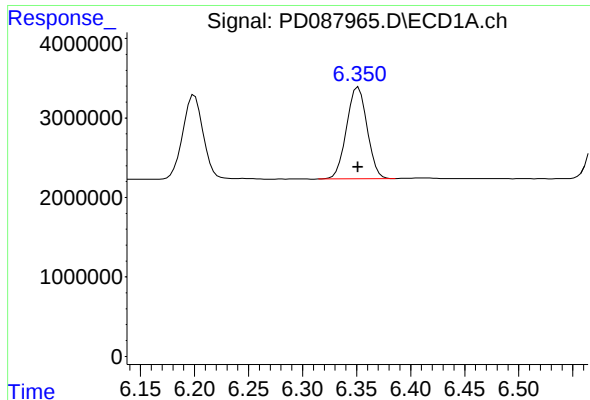
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 13709404  
Conc: 4.42 ng/ml



#12 4,4'-DDE

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 99632160  
Conc: 5.60 ng/ml



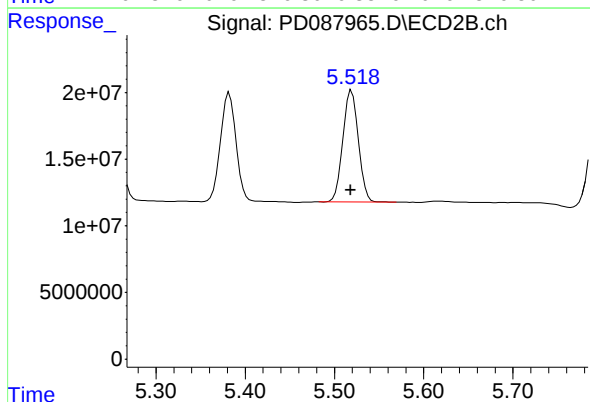
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 15308729  
Conc: 4.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

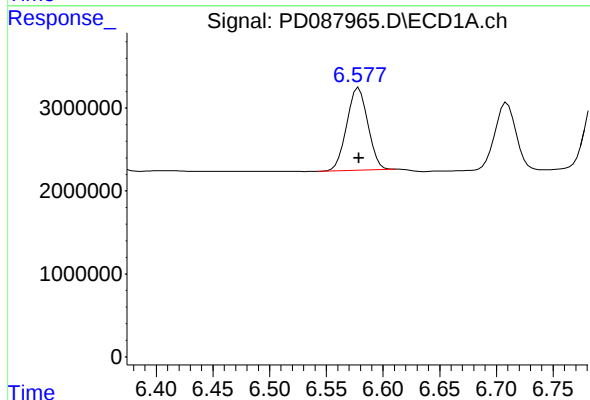
Manual Integrations  
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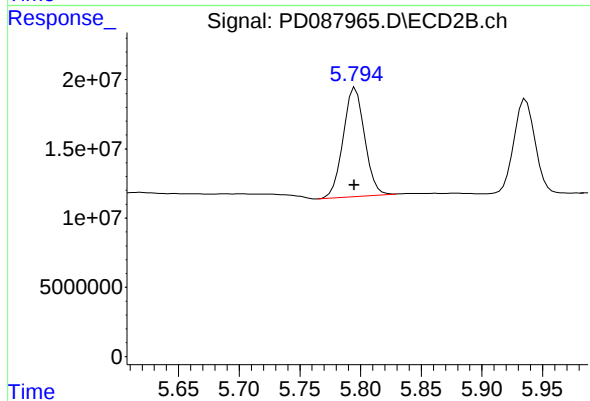
#13 Dieldrin

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 101447243  
Conc: 5.59 ng/ml



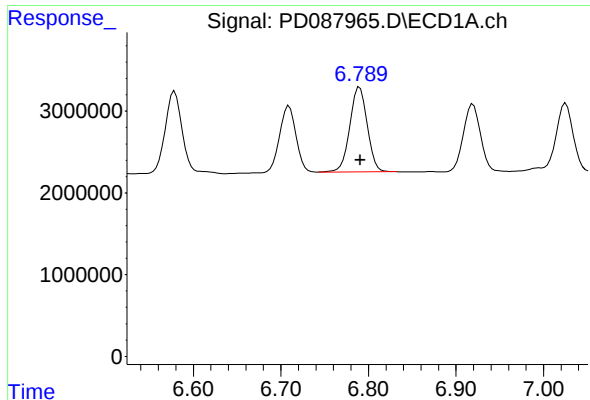
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 12949956  
Conc: 4.50 ng/ml



#14 Endrin

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 96373733  
Conc: 5.85 ng/ml



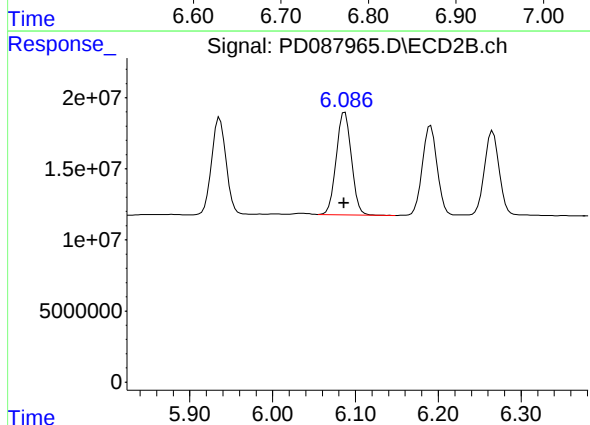
#15 Endosulfan II

R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 14382738  
Conc: 4.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

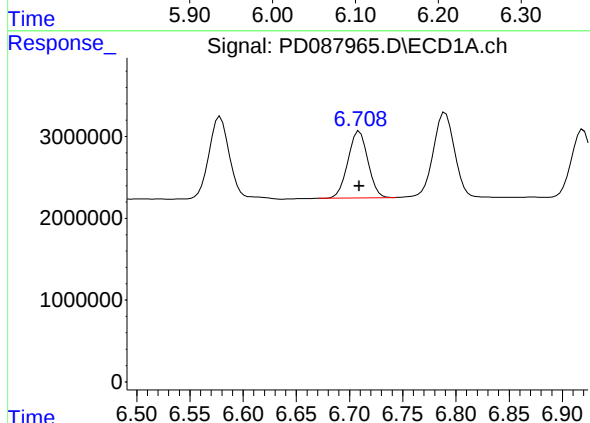
Manual Integrations  
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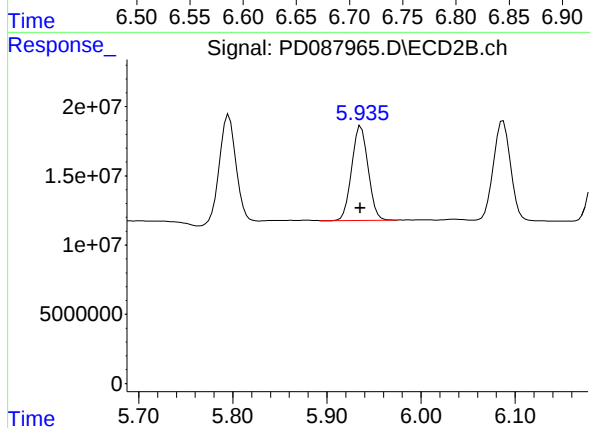
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: 0.001 min  
Response: 92146097  
Conc: 5.81 ng/ml



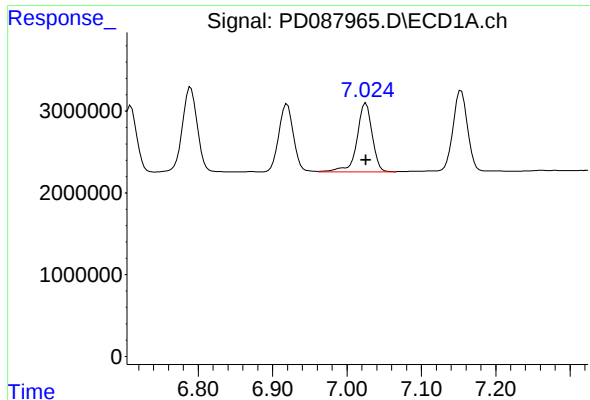
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 10649422  
Conc: 4.43 ng/ml



#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 82437294  
Conc: 5.58 ng/ml



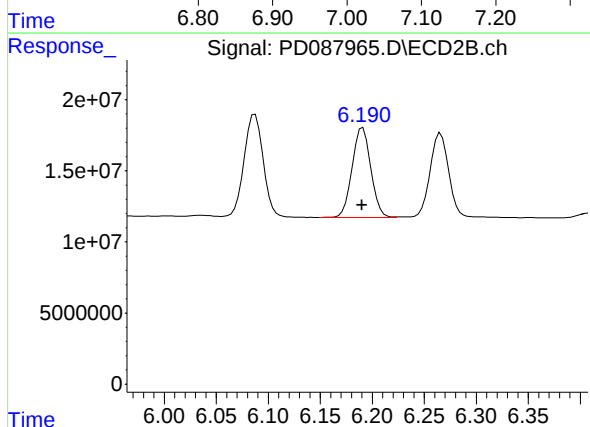
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 11910733  
Conc: 4.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

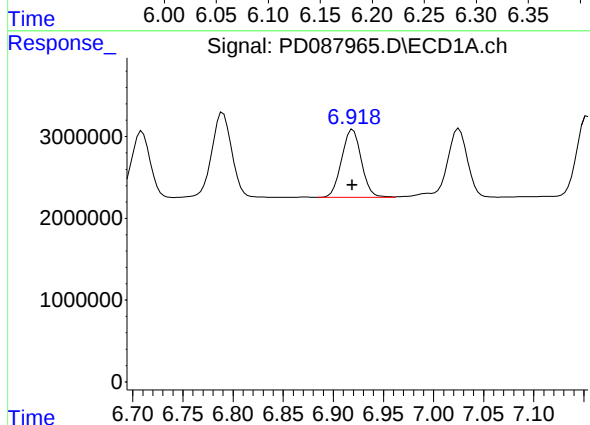
Manual Integrations  
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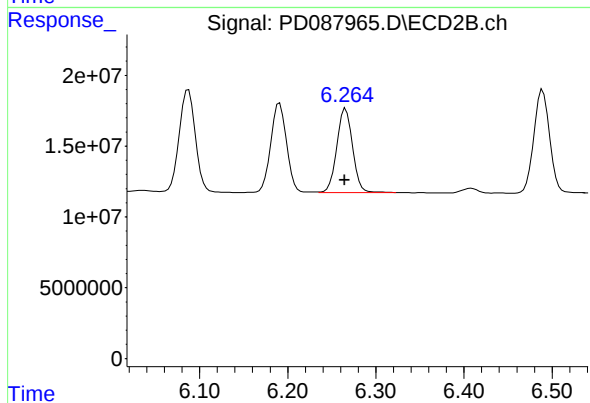
#17 4,4'-DDT

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 78727227  
Conc: 5.03 ng/ml



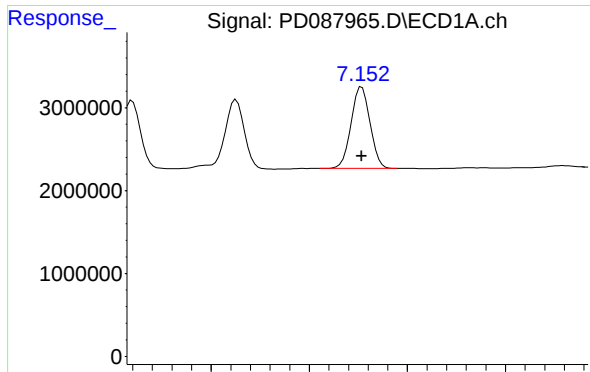
#18 Endrin aldehyde

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 11360067  
Conc: 5.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.266 min  
Delta R.T.: 0.001 min  
Response: 73577594  
Conc: 5.99 ng/ml



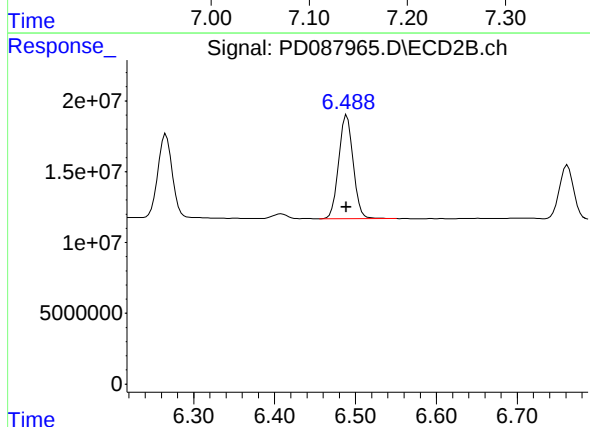
#19 Endosulfan Sulfate

R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 13169994  
Conc: 4.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

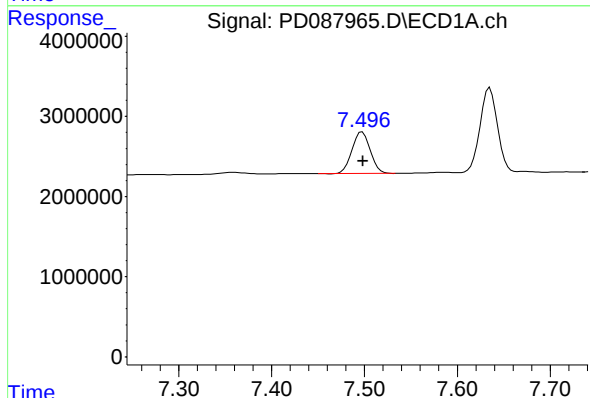
Manual Integrations  
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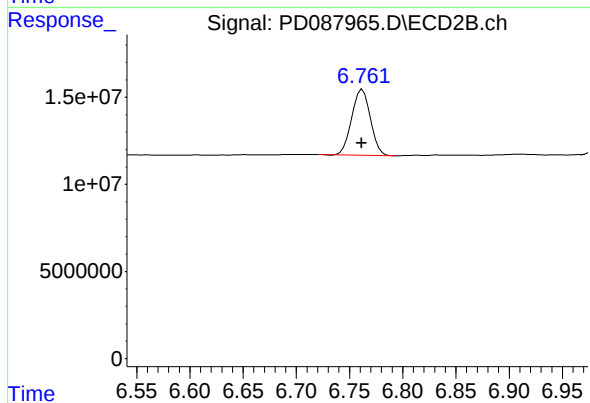
#19 Endosulfan Sulfate

R.T.: 6.489 min  
Delta R.T.: 0.000 min  
Response: 90998620  
Conc: 5.83 ng/ml



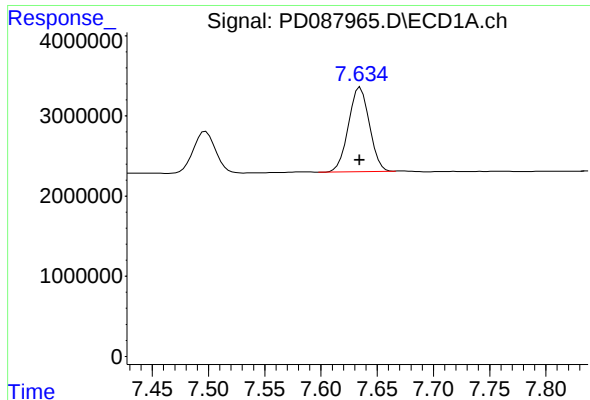
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 7120977  
Conc: 5.00 ng/ml



#20 Methoxychlor

R.T.: 6.762 min  
Delta R.T.: 0.000 min  
Response: 46002238  
Conc: 5.60 ng/ml



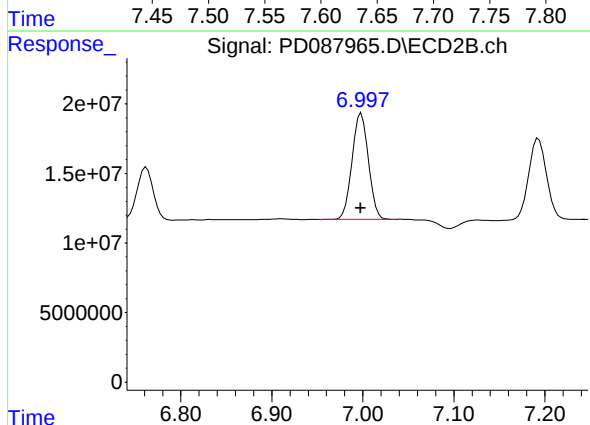
#21 Endrin ketone

R.T.: 7.635 min  
Delta R.T.: 0.000 min  
Response: 13634315  
Conc: 4.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

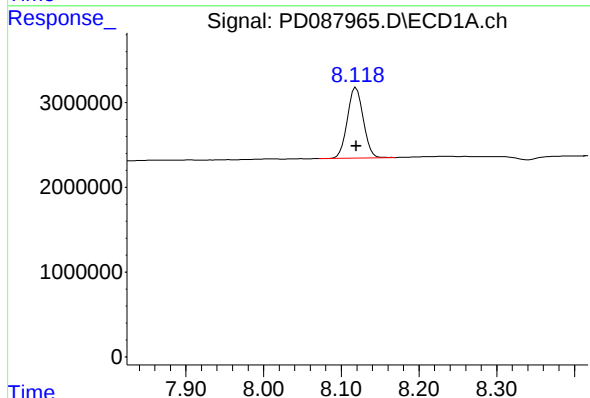
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/18/2025  
Supervised By :mohammad ahmed 03/19/2025



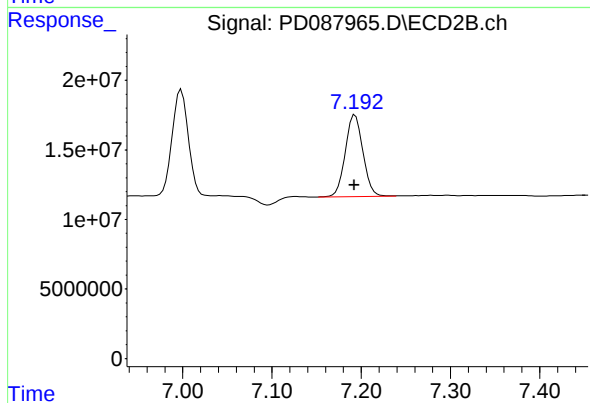
#21 Endrin ketone

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 96283583  
Conc: 5.74 ng/ml



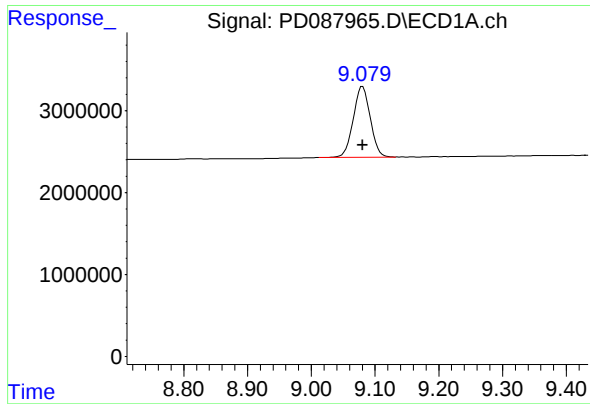
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.000 min  
Response: 11724491  
Conc: 5.39 ng/ml



#22 Mirex

R.T.: 7.193 min  
Delta R.T.: 0.000 min  
Response: 80670130  
Conc: 6.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min  
Delta R.T.: 0.000 min  
Response: 16011288  
Conc: 5.38 ng/ml

Instrument :

ECD\_D

ClientSampleId :

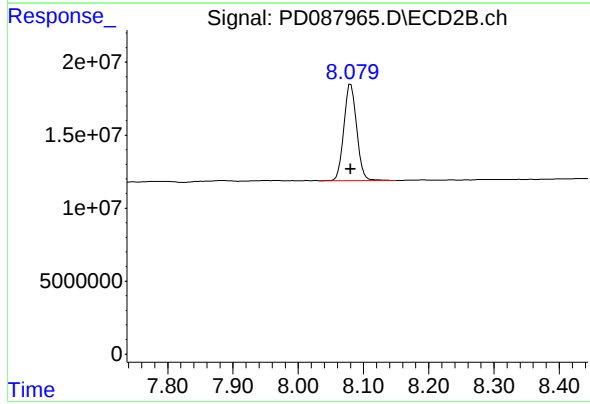
PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025



#28 Decachlorobiphenyl

R.T.: 8.080 min  
Delta R.T.: 0.000 min  
Response: 90644733  
Conc: 5.94 ng/ml