

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102825\  
 Data File : PD090885.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2025 16:16  
 Operator : AR\AJ  
 Sample : PB170283BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB170283BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/29/2025  
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 01:44:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 17:43:28 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... | 3.549 | 2.873 | 46004532 | 444.0E6  | 14.773  | 14.910 |
| 28)                         | SA Decachlor... | 9.070 | 8.061 | 91319434 | 658.9E6  | 19.521  | 21.751 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.385 | 340.5E6  | 2292.9E6 | 47.443  | 44.874 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.722 | 319.4E6  | 2122.7E6 | 46.982  | 44.926 |
| 4)                          | MA Heptachlor   | 4.928 | 4.074 | 312.6E6  | 2058.8E6 | 55.923  | 46.159 |
| 5)                          | MB Aldrin       | 5.269 | 4.359 | 312.8E6  | 2089.9E6 | 47.778  | 45.121 |
| 6)                          | B beta-BHC      | 4.518 | 4.018 | 120.9E6  | 884.7E6  | 46.154  | 44.617 |
| 7)                          | B delta-BHC     | 4.766 | 4.254 | 324.4E6  | 2164.9E6 | 47.972  | 45.370 |
| 8)                          | B Heptachlo...  | 5.688 | 4.863 | 279.9E6  | 1923.7E6 | 48.344m | 45.116 |
| 9)                          | A Endosulfan I  | 6.073 | 5.237 | 265.8E6  | 1781.2E6 | 48.002  | 45.219 |
| 10)                         | B gamma-Chl...  | 5.945 | 5.116 | 283.8E6  | 2062.8E6 | 47.851  | 45.892 |
| 11)                         | B alpha-Chl...  | 6.026 | 5.181 | 297.7E6  | 1980.4E6 | 48.172  | 45.910 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.365 | 253.3E6  | 2025.4E6 | 47.545  | 46.203 |
| 13)                         | MA Dieldrin     | 6.346 | 5.503 | 284.5E6  | 2053.2E6 | 48.790  | 46.470 |
| 14)                         | MA Endrin       | 6.573 | 5.780 | 231.0E6  | 1844.6E6 | 46.638  | 45.553 |
| 15)                         | B Endosulfa...  | 6.785 | 6.070 | 239.3E6  | 1773.9E6 | 47.864  | 47.234 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.919 | 210.5E6  | 1801.8E6 | 51.933  | 49.449 |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.173 | 194.1E6  | 1623.6E6 | 47.230  | 46.291 |
| 18)                         | B Endrin al...  | 6.915 | 6.249 | 180.3E6  | 1337.3E6 | 49.220  | 48.290 |
| 19)                         | B Endosulfa...  | 7.149 | 6.473 | 222.4E6  | 1728.8E6 | 47.948  | 48.230 |
| 20)                         | A Methoxychlor  | 7.493 | 6.744 | 101.4E6  | 819.7E6  | 47.697  | 47.032 |
| 21)                         | B Endrin ke...  | 7.630 | 6.982 | 245.7E6  | 1923.4E6 | 50.560  | 50.995 |
| 22)                         | Mirex           | 8.112 | 7.175 | 164.2E6  | 1379.4E6 | 51.313  | 53.693 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102825\  
Data File : PD090885.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2025 16:16  
Operator : AR\AJ  
Sample : PB170283BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

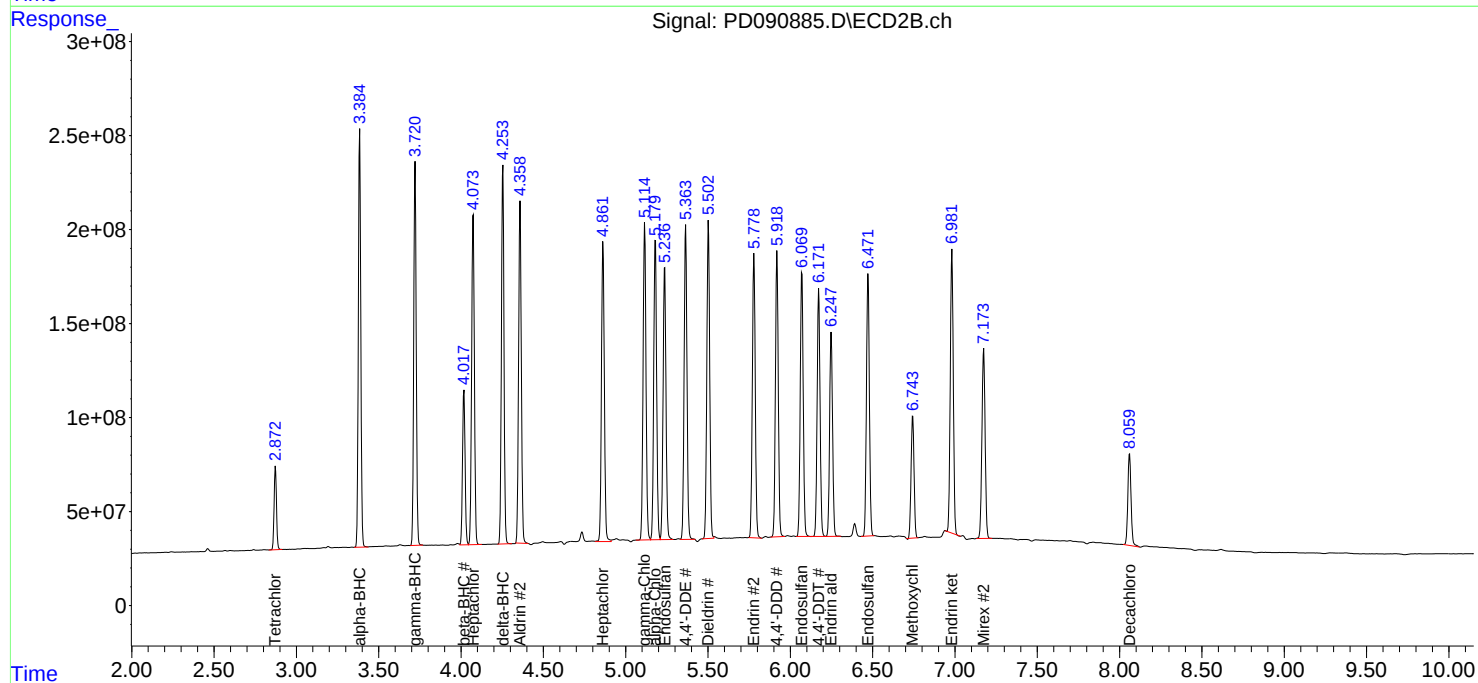
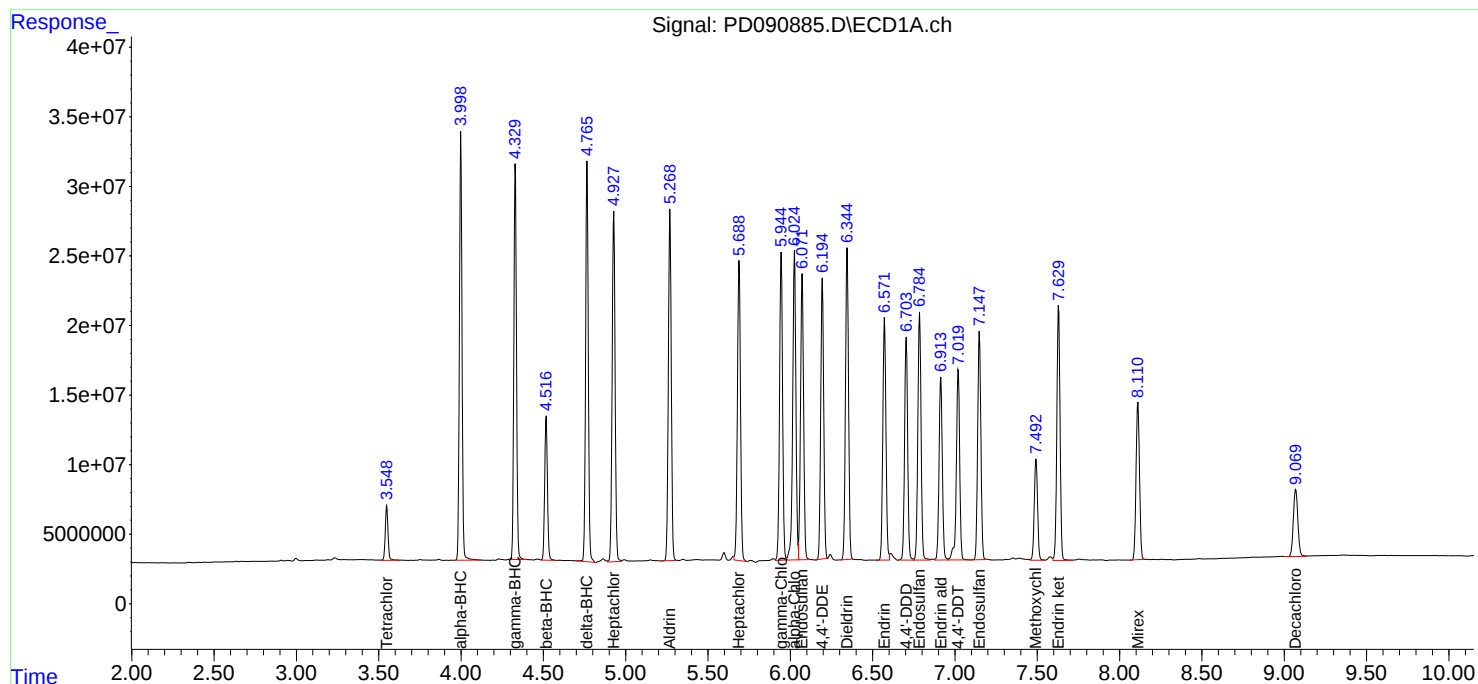
Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

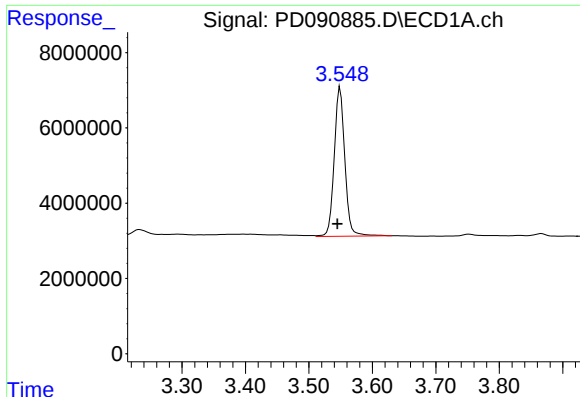
Manual Integrations  
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Reviewed By : Abdul Mirza 10/29/2025  
Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 01:44:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 17 17:43:28 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.: 3.549 min  
Delta R.T.: 0.004 min  
Response: 46004532  
Conc: 14.77 ng/ml

Instrument :

ECD\_D

ClientSampleId :

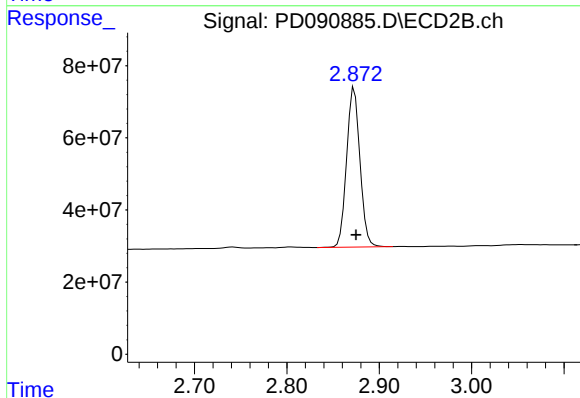
PB170283BS

Manual Integrations

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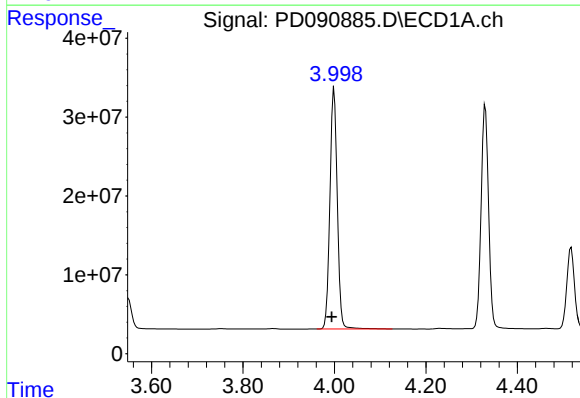
Reviewed By :Abdul Mirza 10/29/2025

Supervised By :Sohil Jodhani 10/29/2025



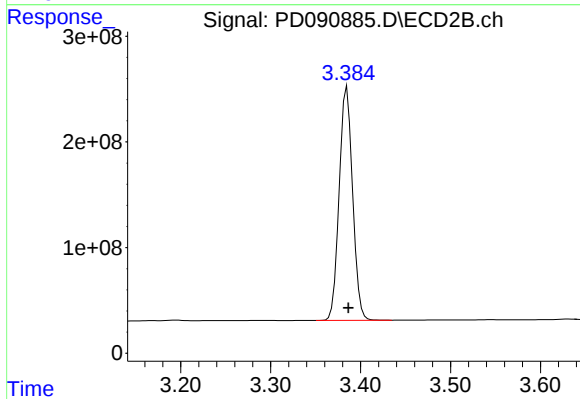
#1 Tetrachloro-m-xylene

R.T.: 2.873 min  
Delta R.T.: -0.002 min  
Response: 443987570  
Conc: 14.91 ng/ml



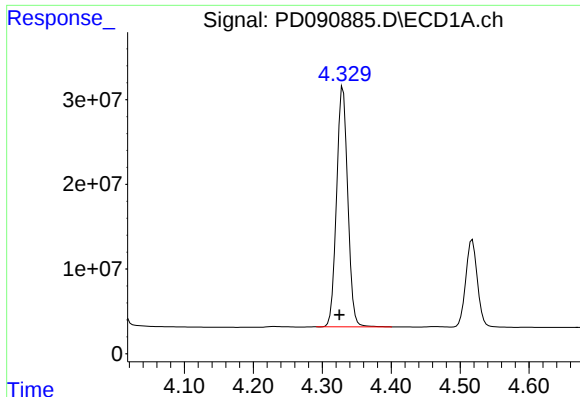
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.005 min  
Response: 340508186  
Conc: 47.44 ng/ml



#2 alpha-BHC

R.T.: 3.385 min  
Delta R.T.: -0.002 min  
Response: 2292877452  
Conc: 44.87 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.005 min  
Response: 319422300  
Conc: 46.98 ng/ml

Instrument :

ECD\_D

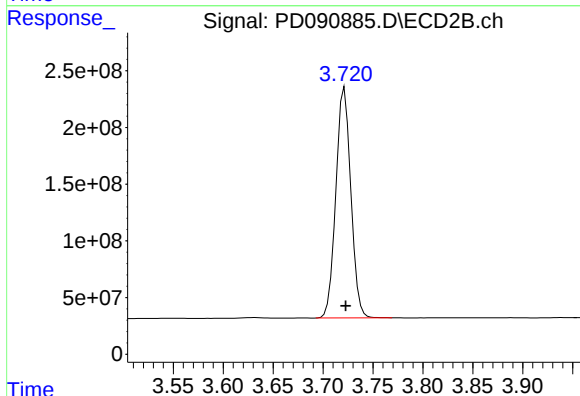
ClientSampleId :

PB170283BS

Manual Integrations

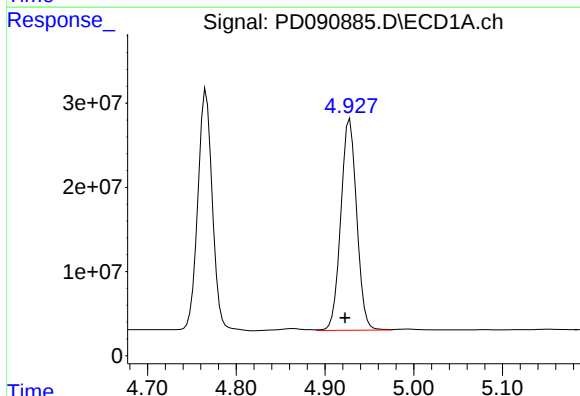
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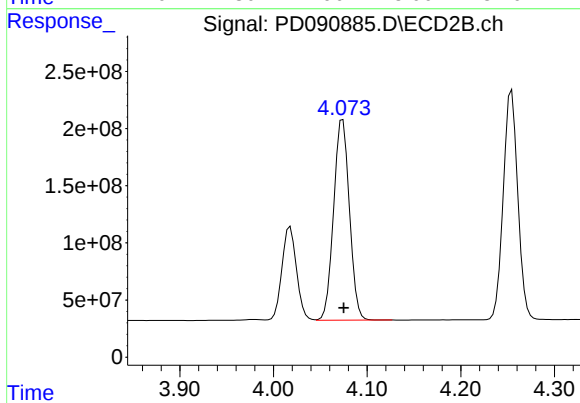
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: -0.001 min  
Response: 2122698098  
Conc: 44.93 ng/ml



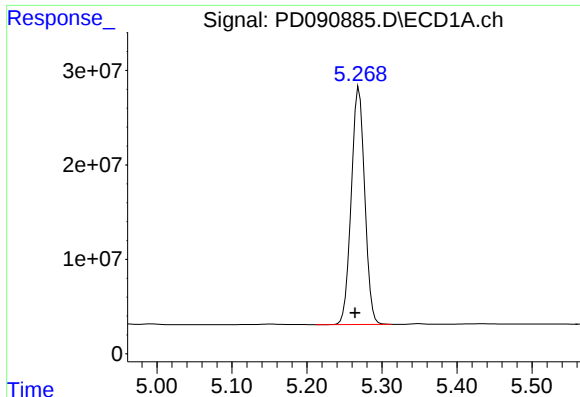
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.005 min  
Response: 312586268  
Conc: 55.92 ng/ml



#4 Heptachlor

R.T.: 4.074 min  
Delta R.T.: 0.000 min  
Response: 2058817448  
Conc: 46.16 ng/ml



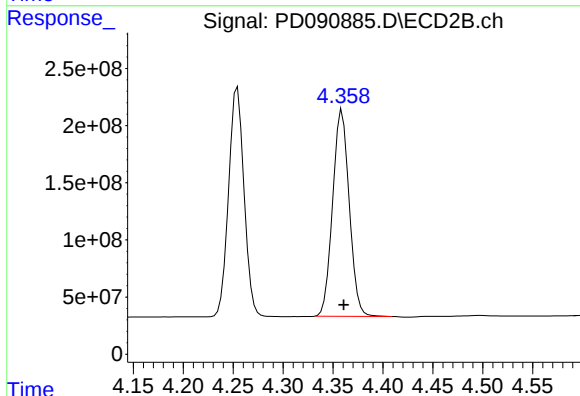
#5 Aldrin

R.T.: 5.269 min  
Delta R.T.: 0.005 min  
Response: 312816647  
Conc: 47.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

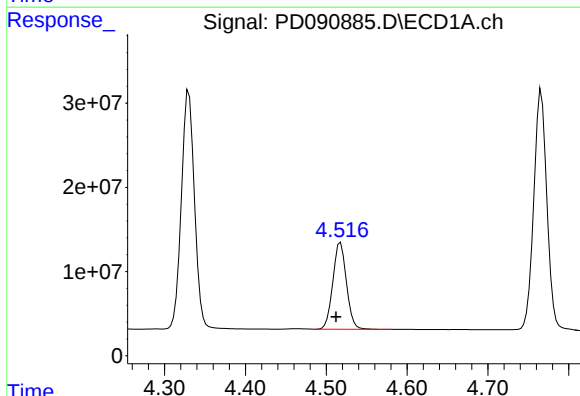
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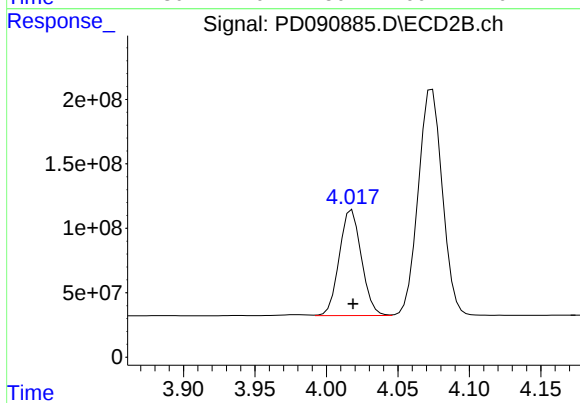
#5 Aldrin

R.T.: 4.359 min  
Delta R.T.: -0.001 min  
Response: 2089948469  
Conc: 45.12 ng/ml



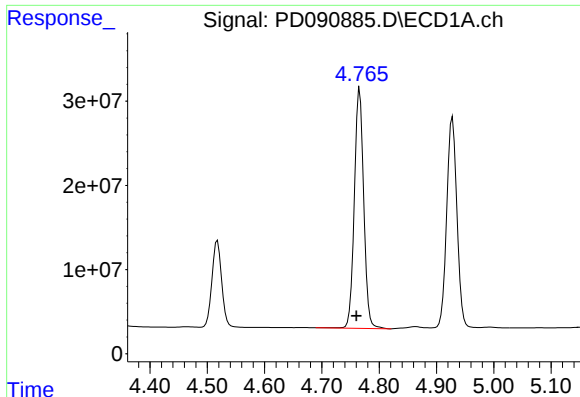
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: 0.006 min  
Response: 120905844  
Conc: 46.15 ng/ml



#6 beta-BHC

R.T.: 4.018 min  
Delta R.T.: 0.000 min  
Response: 884739405  
Conc: 44.62 ng/ml



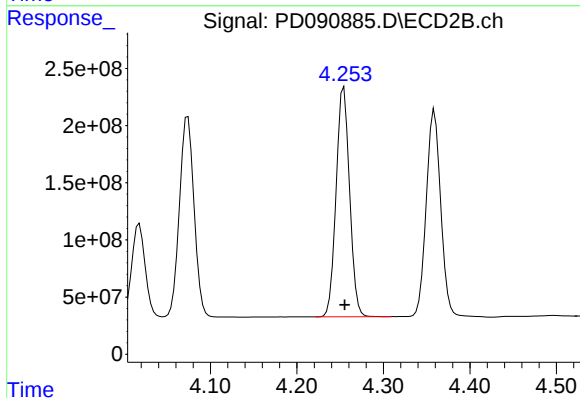
#7 delta-BHC

R.T.: 4.766 min  
Delta R.T.: 0.006 min  
Response: 324371365  
Conc: 47.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

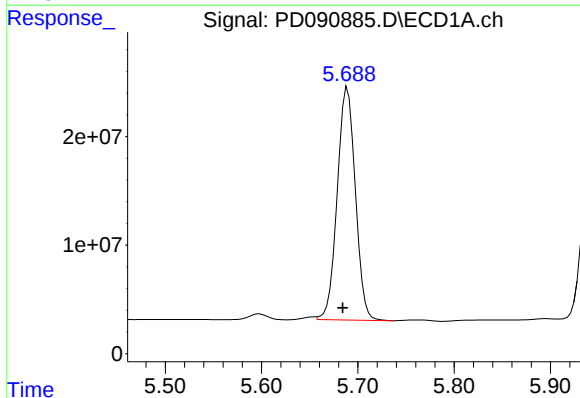
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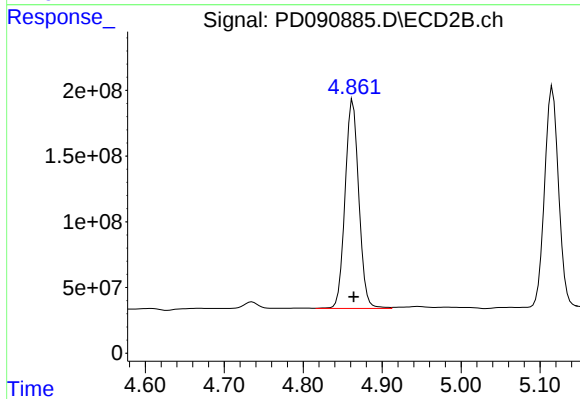
#7 delta-BHC

R.T.: 4.254 min  
Delta R.T.: 0.000 min  
Response: 2164897962  
Conc: 45.37 ng/ml



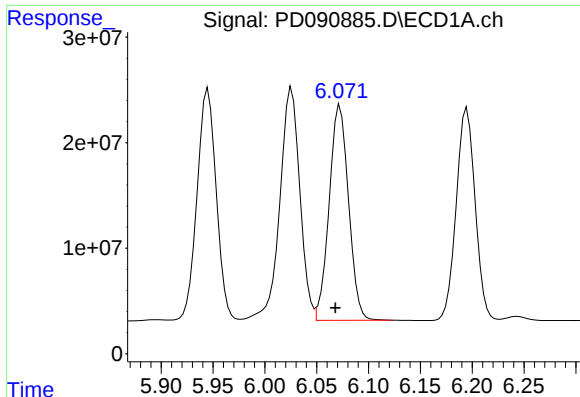
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.004 min  
Response: 279865930  
Conc: 48.34 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min  
Delta R.T.: -0.001 min  
Response: 1923680537  
Conc: 45.12 ng/ml



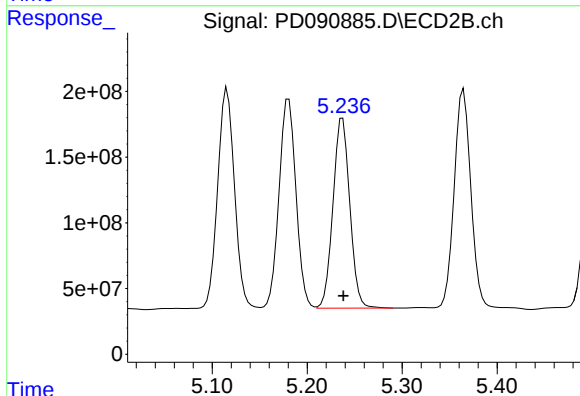
#9 Endosulfan I

R.T.: 6.073 min  
Delta R.T.: 0.005 min  
Response: 265771723  
Conc: 48.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

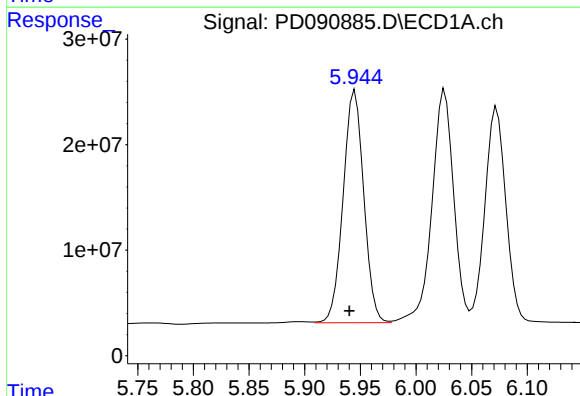
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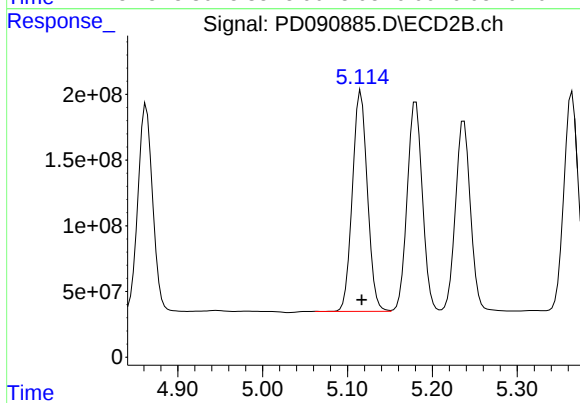
#9 Endosulfan I

R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 1781181054  
Conc: 45.22 ng/ml



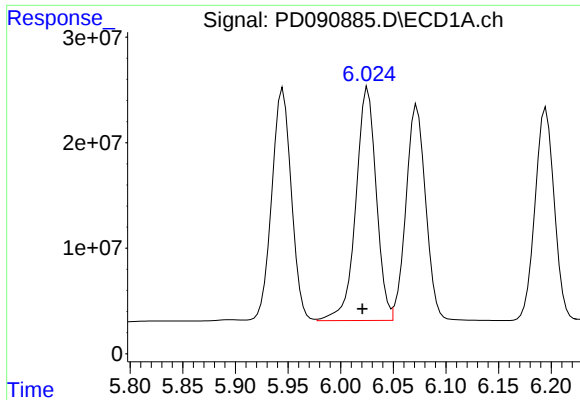
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.005 min  
Response: 283812855  
Conc: 47.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 2062789427  
Conc: 45.89 ng/ml



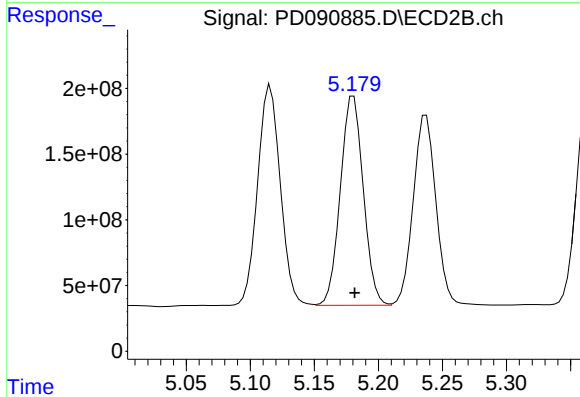
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.005 min  
Response: 297718096  
Conc: 48.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

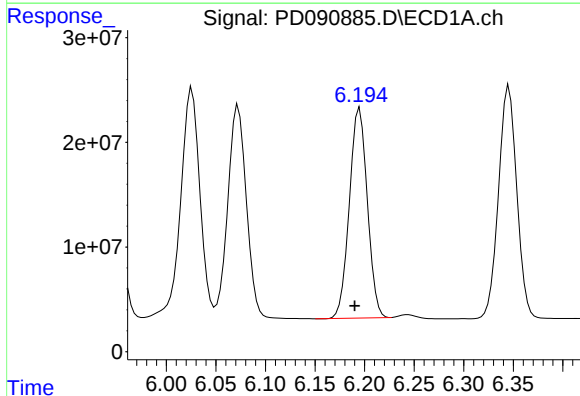
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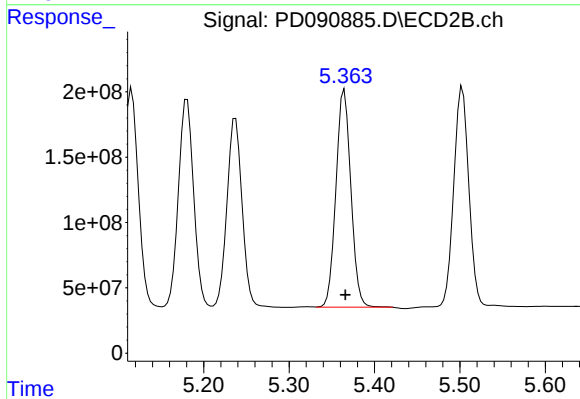
#11 alpha-Chlordane

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 1980431593  
Conc: 45.91 ng/ml



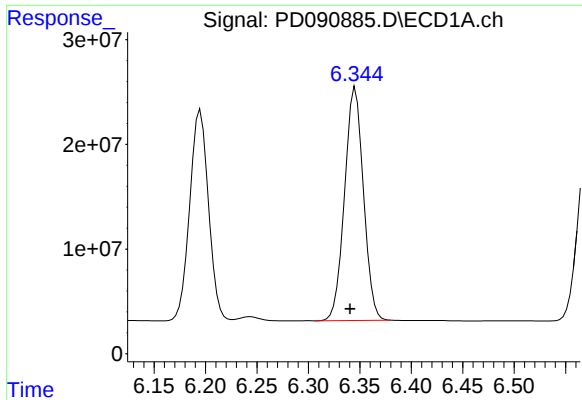
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.005 min  
Response: 253257084  
Conc: 47.55 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min  
Delta R.T.: -0.001 min  
Response: 2025440761  
Conc: 46.20 ng/ml



#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: 0.005 min  
Response: 284512289  
Conc: 48.79 ng/ml

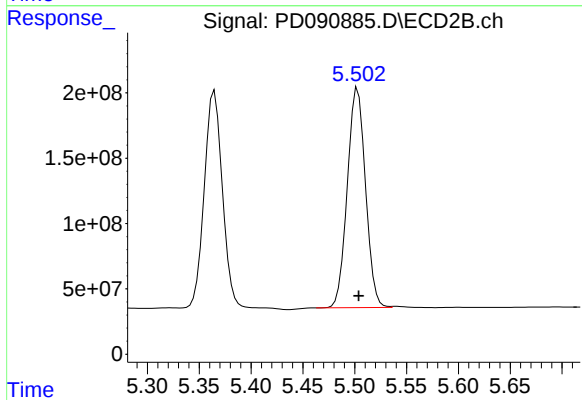
Instrument :

ECD\_D

ClientSampleId :  
PB170283BS

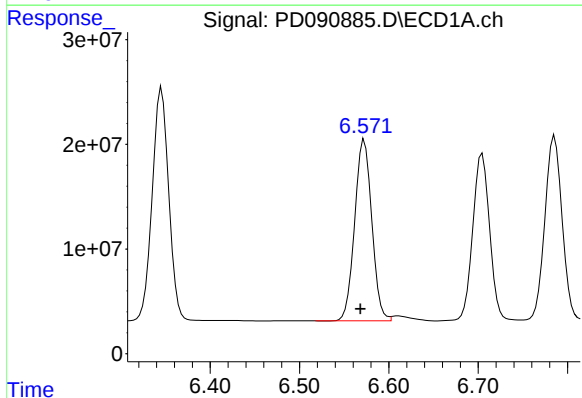
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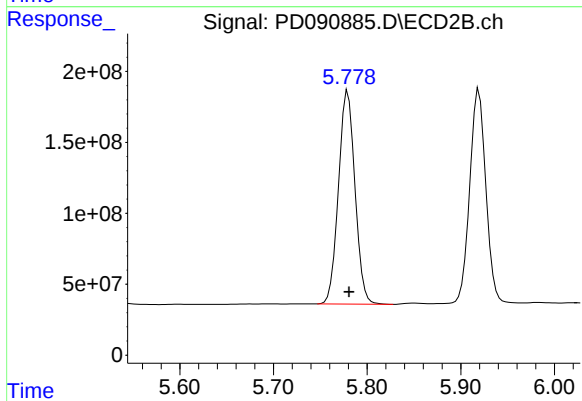
#13 Dieldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 2053235578  
Conc: 46.47 ng/ml



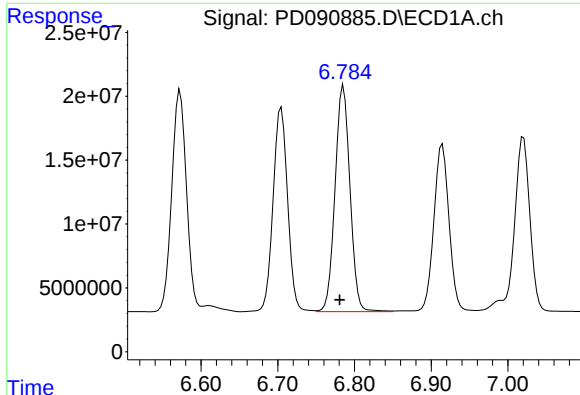
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.004 min  
Response: 231030836  
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 1844634303  
Conc: 45.55 ng/ml



#15 Endosulfan II

R.T.: 6.785 min  
Delta R.T.: 0.005 min  
Response: 239317786  
Conc: 47.86 ng/ml

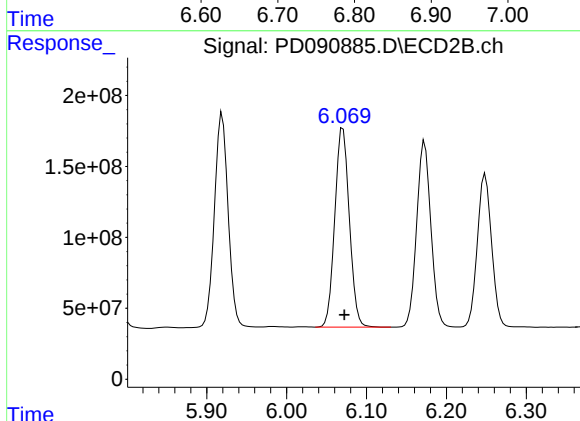
Instrument :

ECD\_D

ClientSampleId :  
PB170283BS

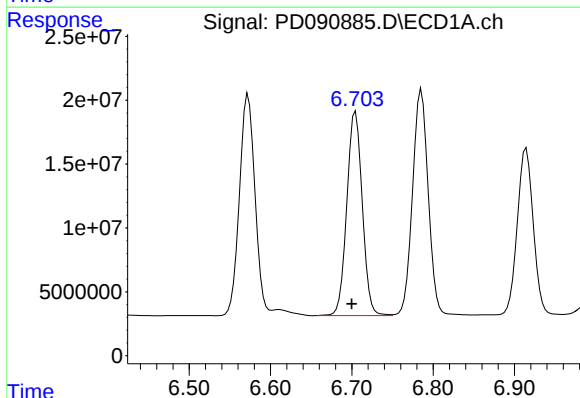
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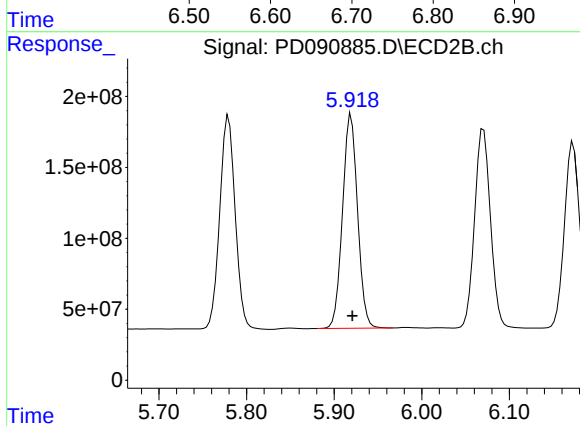
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 1773895119  
Conc: 47.23 ng/ml



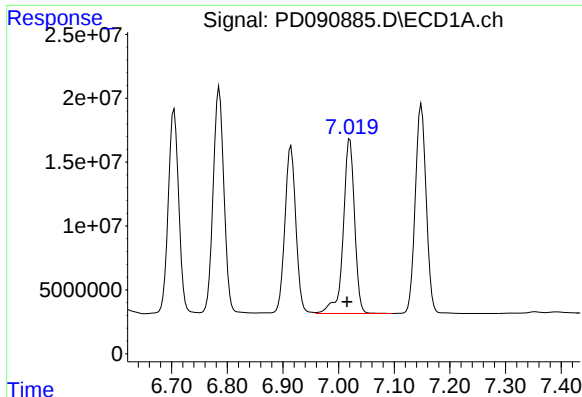
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.005 min  
Response: 210549026  
Conc: 51.93 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.001 min  
Response: 1801823302  
Conc: 49.45 ng/ml



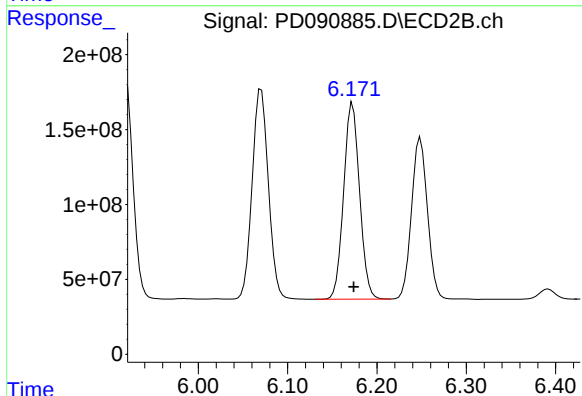
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: 0.005 min  
Response: 194136988  
Conc: 47.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

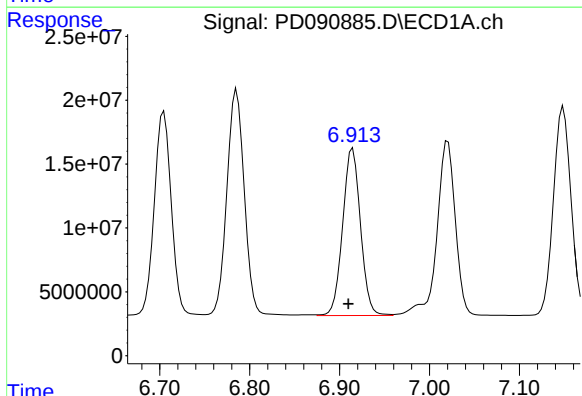
Manual Integrations  
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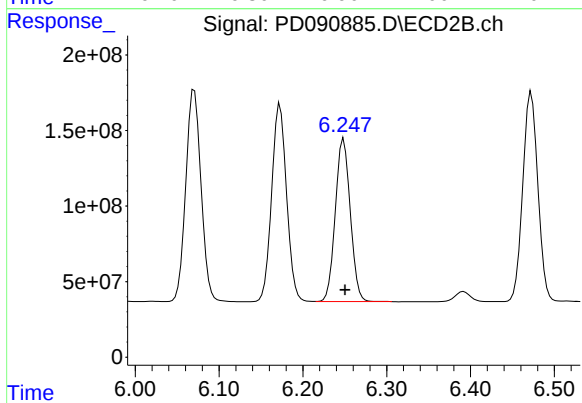
#17 4,4'-DDT

R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 1623568801  
Conc: 46.29 ng/ml



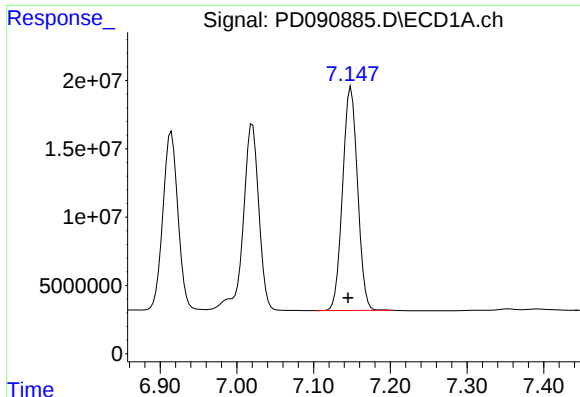
#18 Endrin aldehyde

R.T.: 6.915 min  
Delta R.T.: 0.005 min  
Response: 180279264  
Conc: 49.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 1337290717  
Conc: 48.29 ng/ml



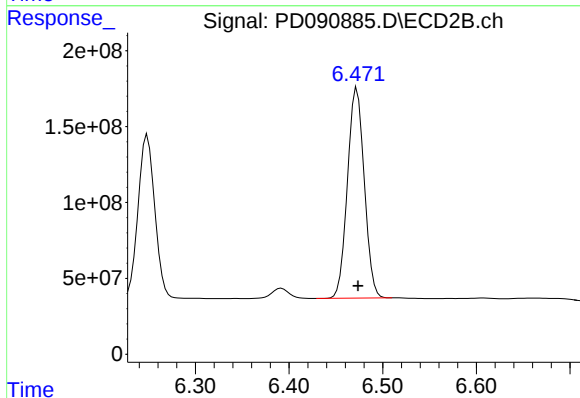
#19 Endosulfan Sulfate

R.T.: 7.149 min  
Delta R.T.: 0.004 min  
Response: 222391723  
Conc: 47.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

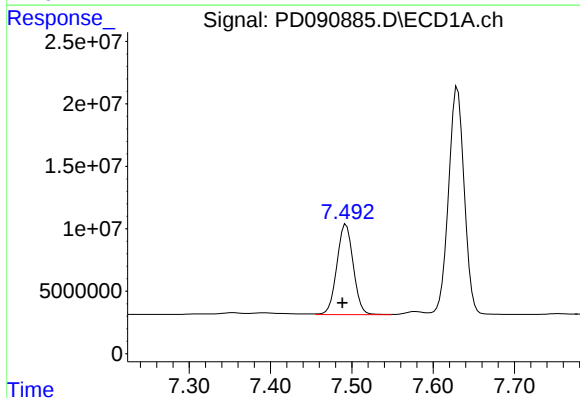
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Reviewed By :Abdul Mirza 10/29/2025  
Supervised By :Sohil Jodhani 10/29/2025



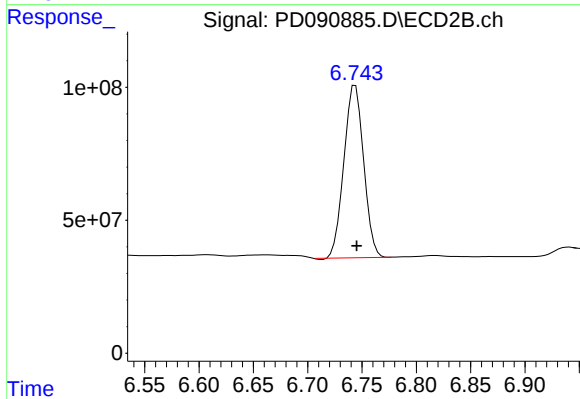
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: -0.001 min  
Response: 1728795863  
Conc: 48.23 ng/ml



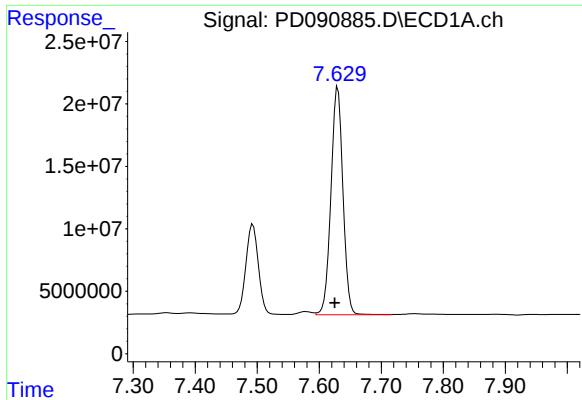
#20 Methoxychlor

R.T.: 7.493 min  
Delta R.T.: 0.005 min  
Response: 101384776  
Conc: 47.70 ng/ml



#20 Methoxychlor

R.T.: 6.744 min  
Delta R.T.: -0.001 min  
Response: 819666621  
Conc: 47.03 ng/ml



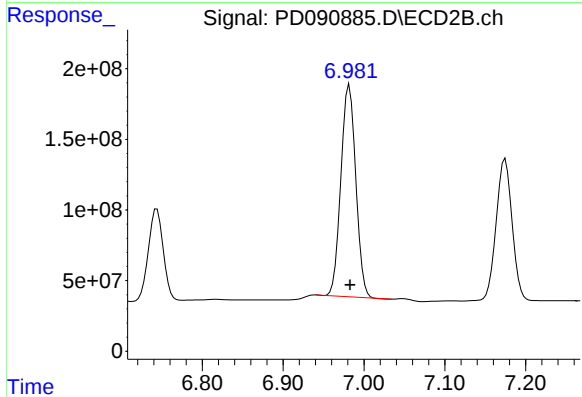
#21 Endrin ketone

R.T.: 7.630 min  
Delta R.T.: 0.005 min  
Response: 245661346  
Conc: 50.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB170283BS

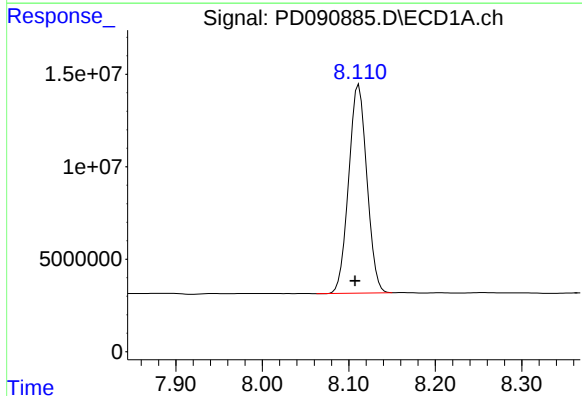
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/29/2025  
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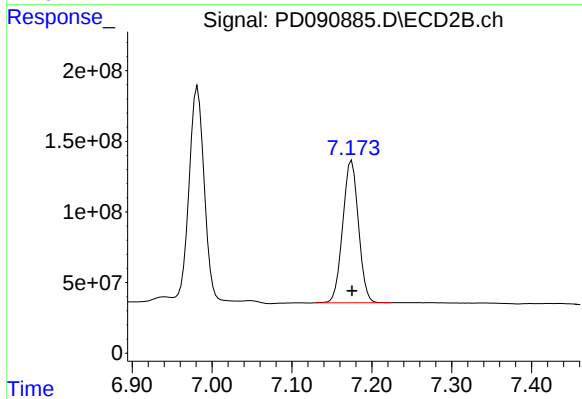
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: 0.000 min  
Response: 1923419669  
Conc: 51.00 ng/ml



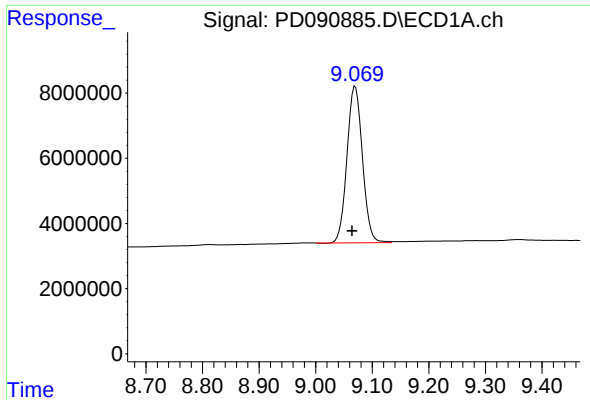
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: 0.004 min  
Response: 164245876  
Conc: 51.31 ng/ml



#22 Mirex

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 1379411833  
Conc: 53.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.006 min  
Response: 91319434  
Conc: 19.52 ng/ml

Instrument :

ECD\_D

ClientSampleId :

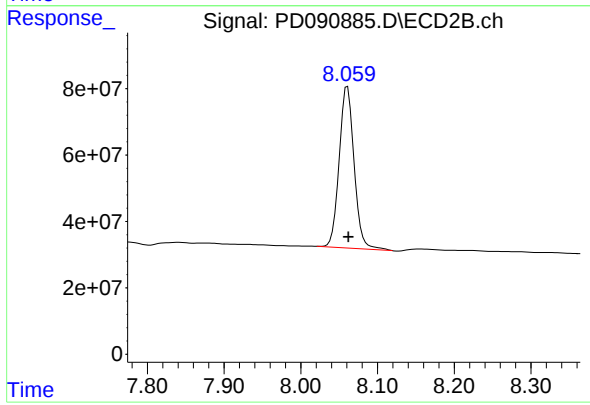
PB170283BS

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 10/29/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: -0.001 min  
Response: 658856065  
Conc: 21.75 ng/ml