

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082225\  
 Data File : PD090020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Aug 2025 19:17  
 Operator : AR\AJ  
 Sample : Q2915-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BRIDGE-WESTMS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/25/2025  
 Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 25 01:55:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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... | 3.547 | 2.876 | 41870940 | 340.8E6  | 14.267m | 15.457m |
| 28)                         | SA Decachlor... | 9.068 | 8.065 | 51755991 | 245.0E6  | 11.992m | 9.466   |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.388 | 271.7E6  | 1533.0E6 | 45.263  | 45.169m |
| 3)                          | MA gamma-BHC... | 4.328 | 3.726 | 249.3E6  | 1370.6E6 | 43.535  | 43.971  |
| 4)                          | MA Heptachlor   | 4.927 | 4.078 | 227.8E6  | 1286.8E6 | 40.610  | 41.254  |
| 5)                          | MB Aldrin       | 5.268 | 4.364 | 243.6E6  | 1388.7E6 | 44.987  | 45.599  |
| 6)                          | B beta-BHC      | 4.515 | 4.021 | 98367469 | 606.4E6  | 43.855  | 45.491  |
| 7)                          | B delta-BHC     | 4.763 | 4.257 | 205.3E6  | 1183.0E6 | 39.650  | 37.496  |
| 8)                          | B Heptachlo...  | 5.688 | 4.868 | 214.1E6  | 1238.7E6 | 43.636  | 44.725  |
| 9)                          | A Endosulfan I  | 6.072 | 5.241 | 197.6E6  | 1164.5E6 | 42.816  | 44.409  |
| 10)                         | B gamma-Chl...  | 5.944 | 5.120 | 212.4E6  | 1338.9E6 | 43.429  | 45.217  |
| 11)                         | B alpha-Chl...  | 6.024 | 5.185 | 210.3E6  | 1276.0E6 | 42.719  | 44.713  |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.370 | 190.4E6  | 1288.7E6 | 43.389  | 44.711  |
| 13)                         | MA Dieldrin     | 6.345 | 5.507 | 207.7E6  | 1286.3E6 | 42.423  | 43.921  |
| 14)                         | MA Endrin       | 6.572 | 5.784 | 174.7E6  | 1167.7E6 | 42.158  | 43.846  |
| 15)                         | B Endosulfa...  | 6.784 | 6.075 | 170.2E6  | 1065.7E6 | 40.341  | 42.130  |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.924 | 148.5E6  | 998.7E6  | 42.944  | 41.535  |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.178 | 138.4E6  | 927.8E6  | 36.323m | 37.010  |
| 18)                         | B Endrin al...  | 6.913 | 6.253 | 133.5E6  | 782.0E6  | 46.574  | 45.415  |
| 19)                         | B Endosulfa...  | 7.147 | 6.477 | 150.6E6  | 938.1E6  | 38.424  | 38.477  |
| 20)                         | A Methoxychlor  | 7.491 | 6.747 | 73048635 | 456.2E6  | 36.422  | 35.375m |
| 21)                         | B Endrin ke...  | 7.628 | 6.986 | 158.3E6  | 986.1E6  | 38.185  | 37.009  |
| 22)                         | Mirex           | 8.110 | 7.179 | 127.7E6  | 755.6E6  | 40.493m | 36.578  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082225\  
Data File : PD090020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Aug 2025 19:17  
Operator : AR\AJ  
Sample : Q2915-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

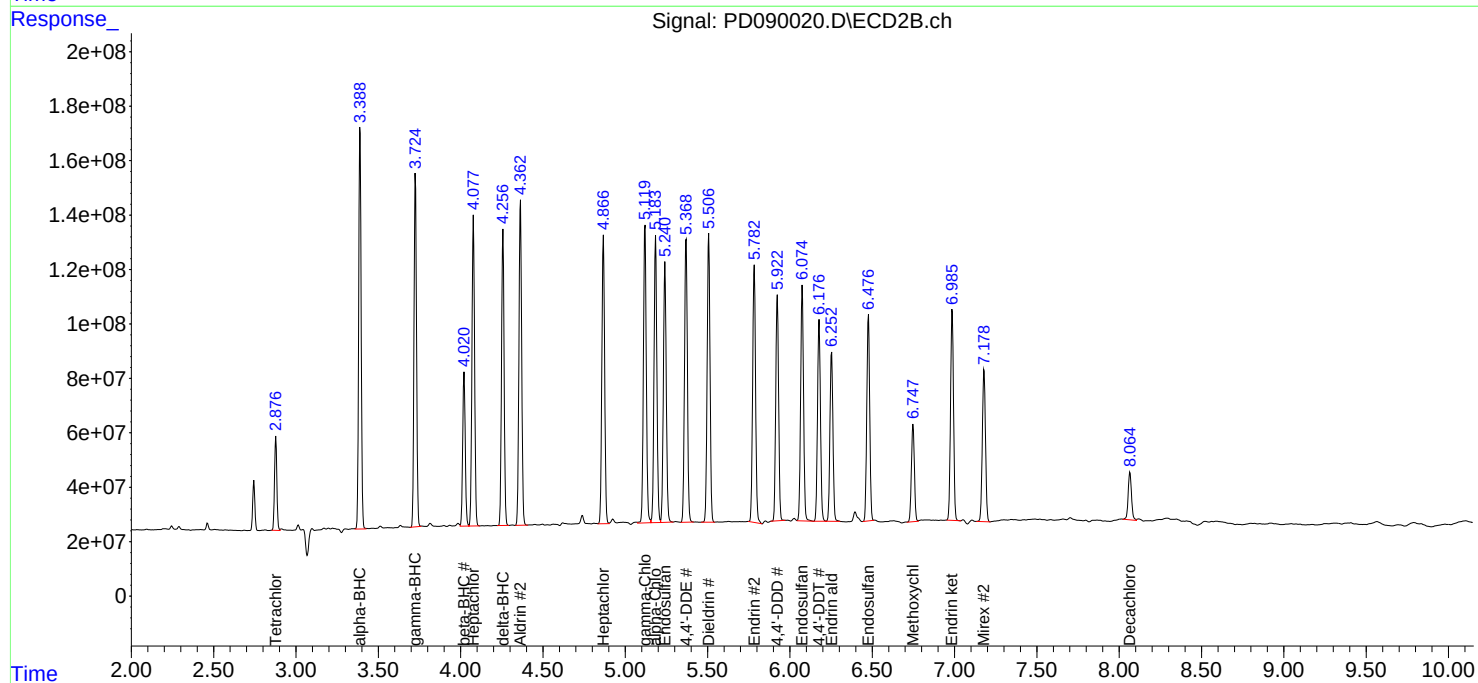
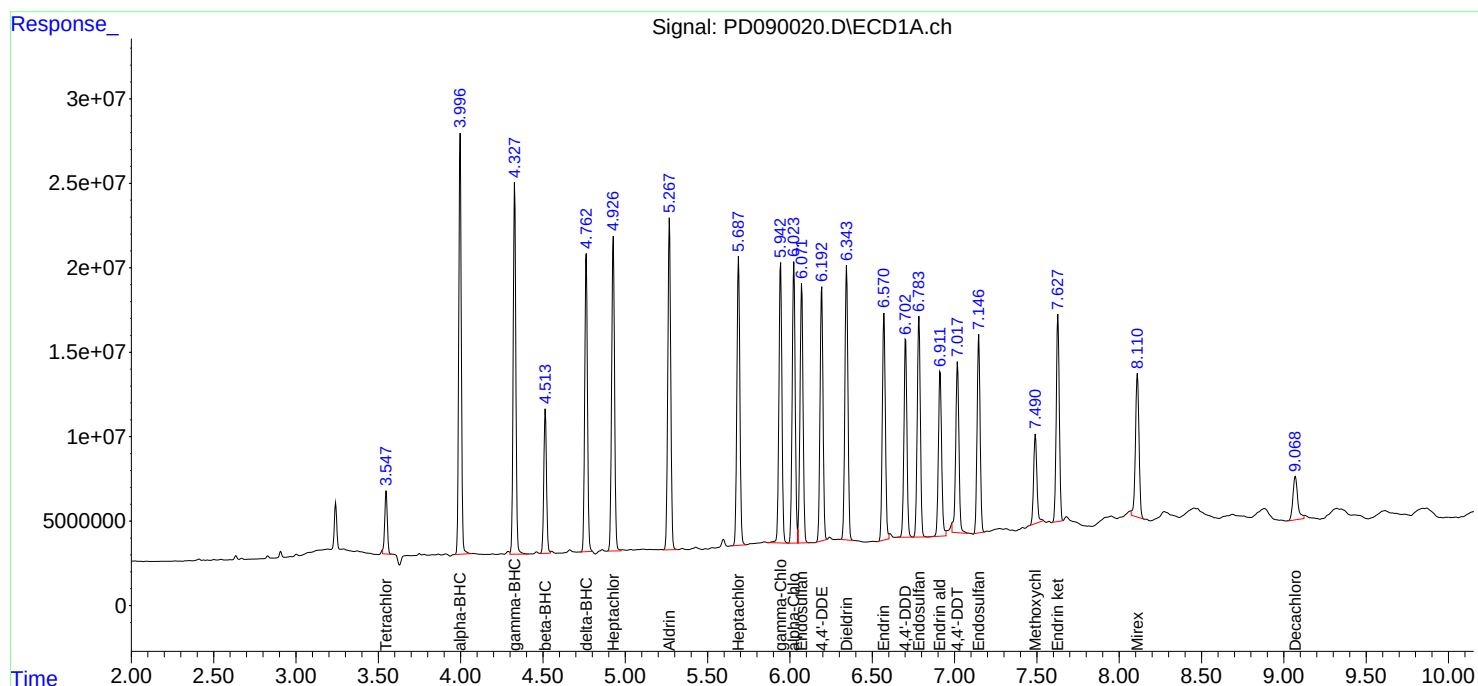
Instrument :  
ECD\_D  
ClientSampleId :  
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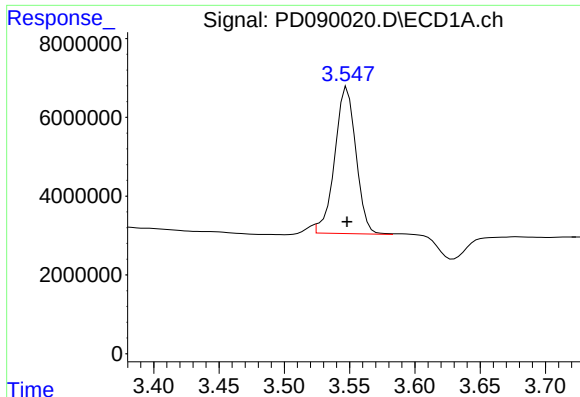
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 25 01:55:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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





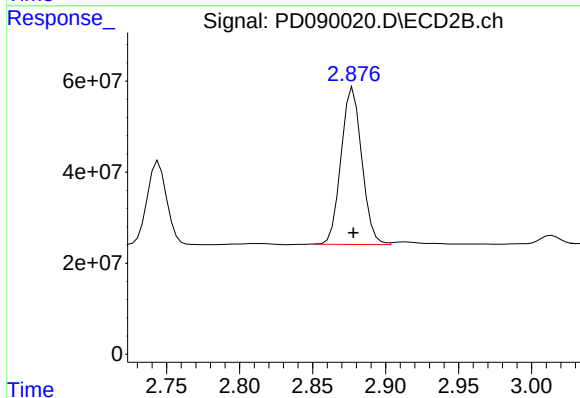
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: -0.001 min  
Response: 41870940  
Conc: 14.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

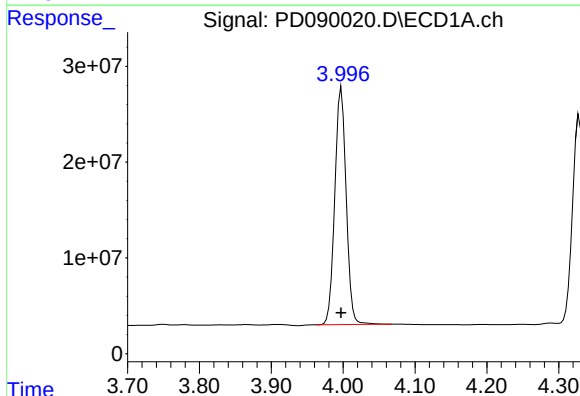
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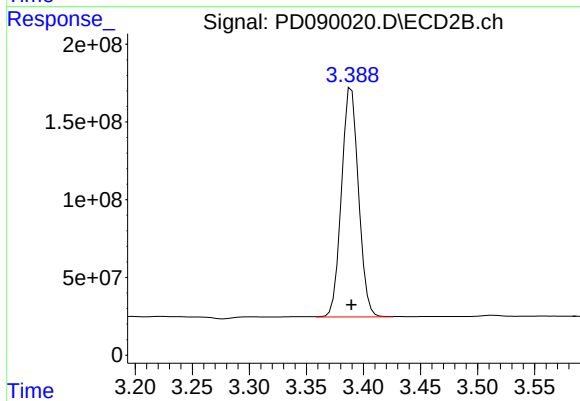
#1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 340828525  
Conc: 15.46 ng/ml m



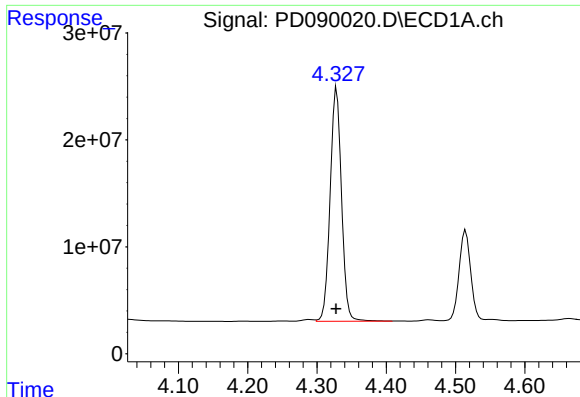
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 271675916  
Conc: 45.26 ng/ml



#2 alpha-BHC

R.T.: 3.388 min  
Delta R.T.: -0.002 min  
Response: 1532997223  
Conc: 45.17 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 249320241  
Conc: 43.54 ng/ml

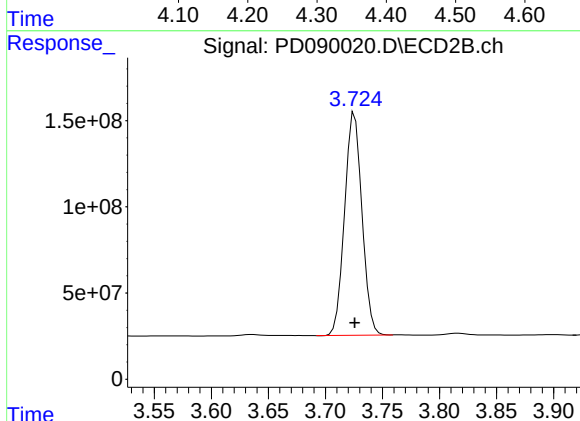
Instrument :

ECD\_D

ClientSampleId :  
BRIDGE-WESTMS

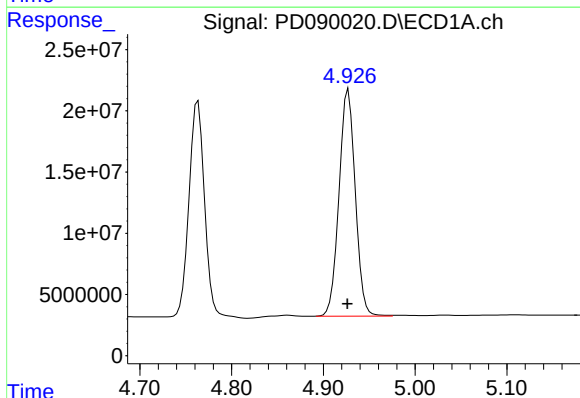
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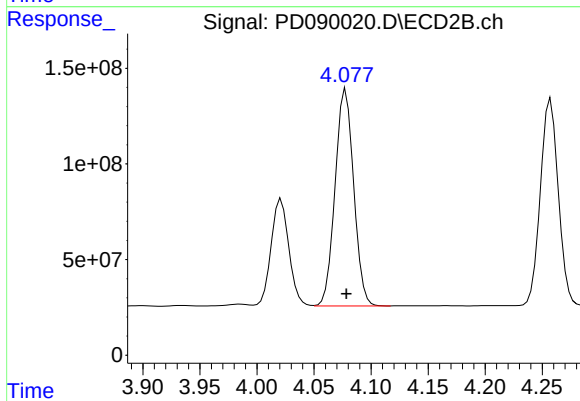
#3 gamma-BHC (Lindane)

R.T.: 3.726 min  
Delta R.T.: 0.000 min  
Response: 1370604477  
Conc: 43.97 ng/ml



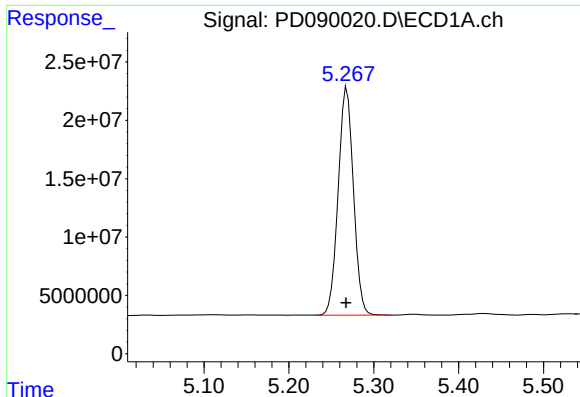
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.001 min  
Response: 227787624  
Conc: 40.61 ng/ml



#4 Heptachlor

R.T.: 4.078 min  
Delta R.T.: 0.000 min  
Response: 1286782204  
Conc: 41.25 ng/ml



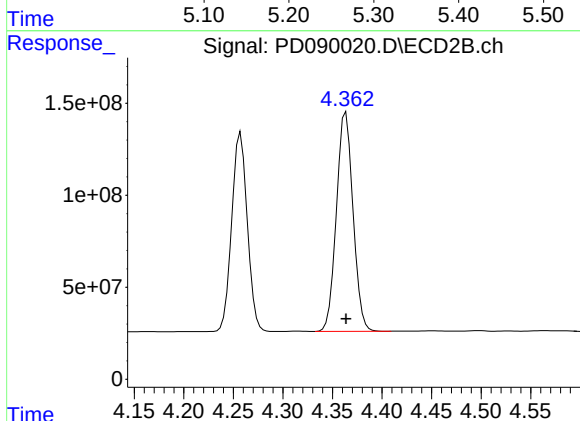
#5 Aldrin

R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 243584400  
Conc: 44.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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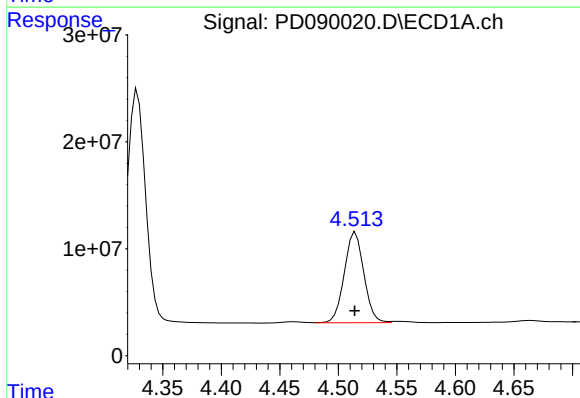
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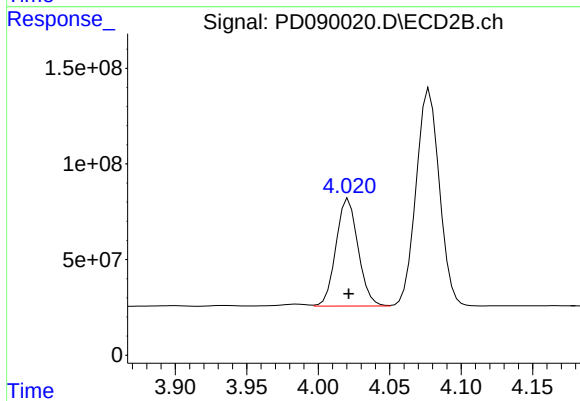
#5 Aldrin

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 1388741324  
Conc: 45.60 ng/ml



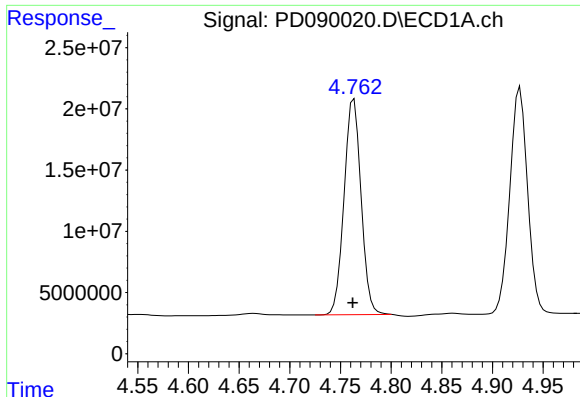
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 98367469  
Conc: 43.85 ng/ml



#6 beta-BHC

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 606404264  
Conc: 45.49 ng/ml



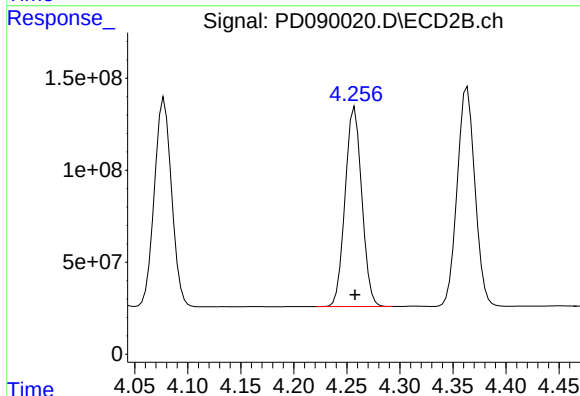
#7 delta-BHC

R.T.: 4.763 min  
Delta R.T.: 0.001 min  
Response: 205297178  
Conc: 39.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

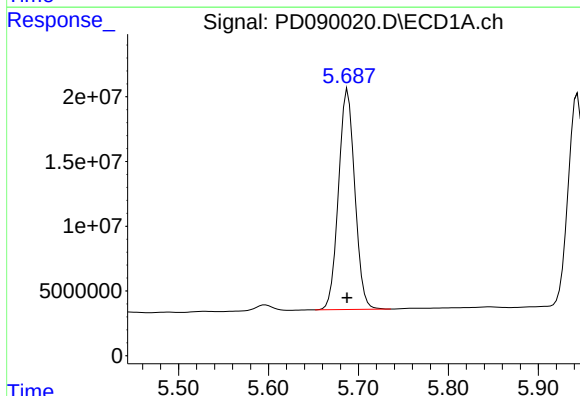
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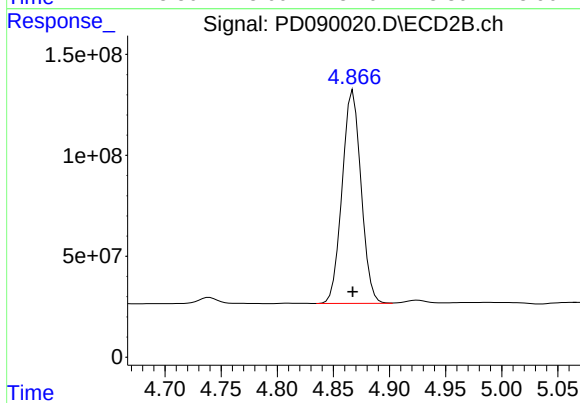
#7 delta-BHC

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 1182990258  
Conc: 37.50 ng/ml



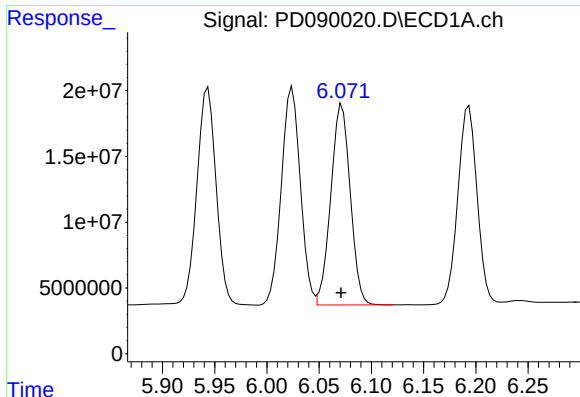
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 214111040  
Conc: 43.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 1238655622  
Conc: 44.73 ng/ml



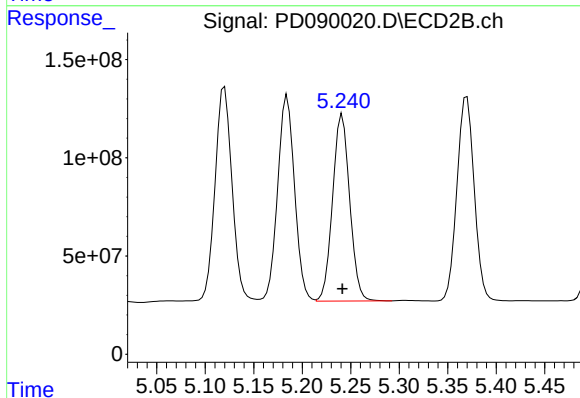
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 197588584  
Conc: 42.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

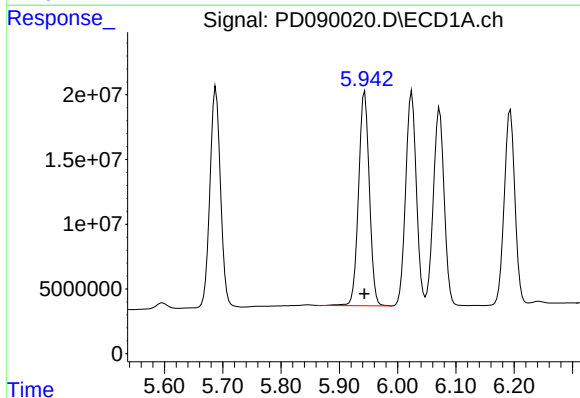
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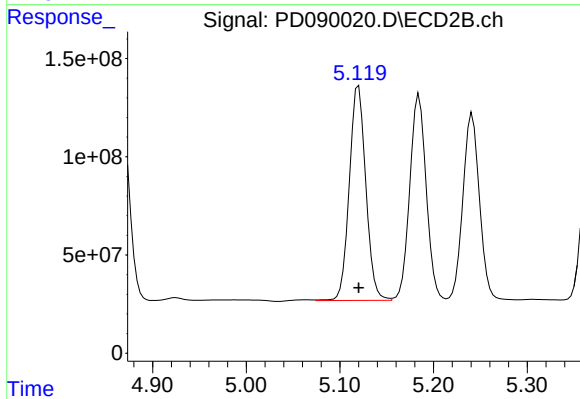
#9 Endosulfan I

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 1164490552  
Conc: 44.41 ng/ml



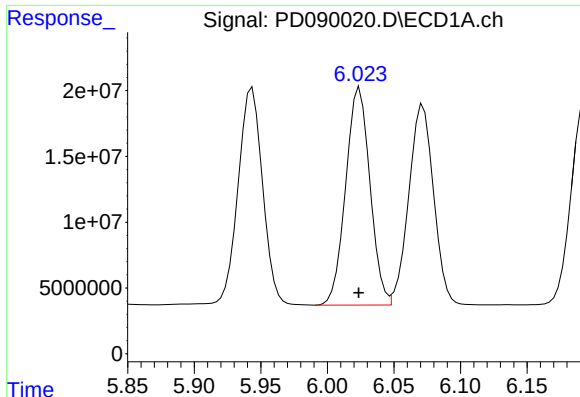
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 212410048  
Conc: 43.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min  
Delta R.T.: 0.000 min  
Response: 1338943756  
Conc: 45.22 ng/ml



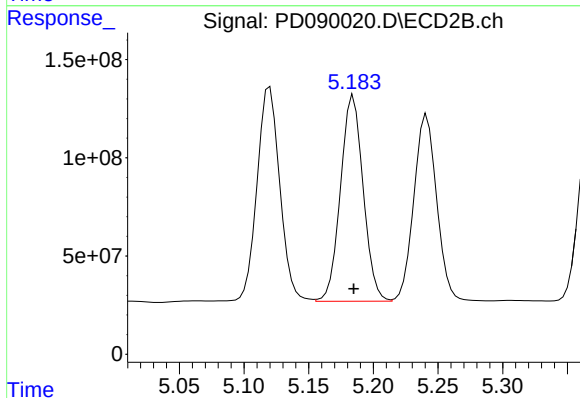
#11 alpha-Chlordane

R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 210279127  
Conc: 42.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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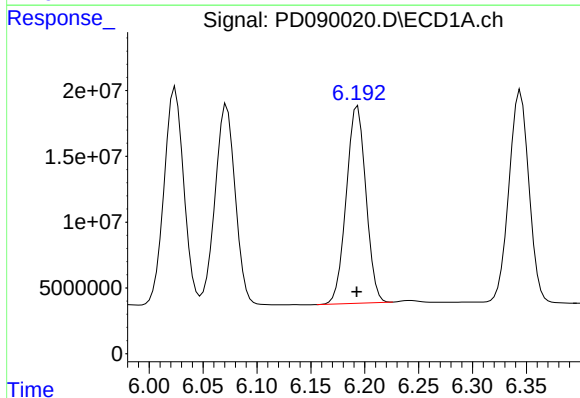
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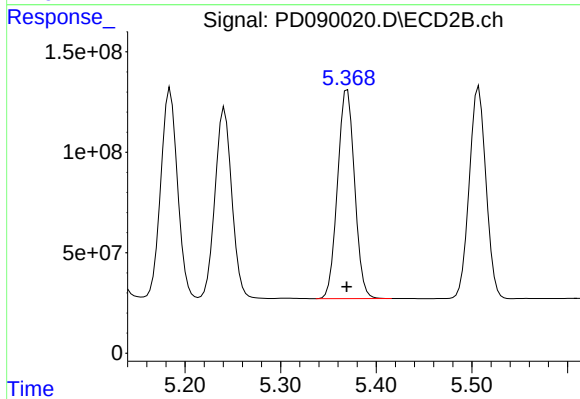
#11 alpha-Chlordane

R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 1276038734  
Conc: 44.71 ng/ml



#12 4,4'-DDE

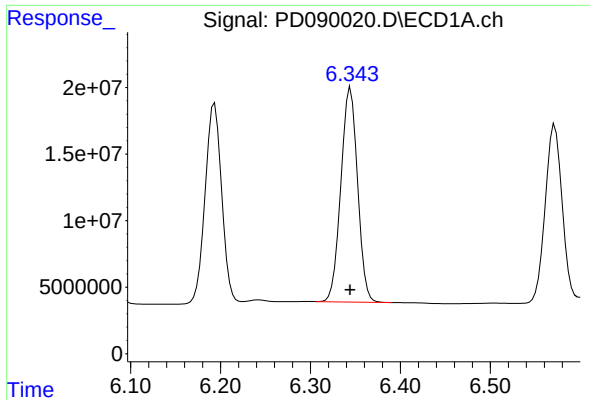
R.T.: 6.193 min  
Delta R.T.: 0.001 min  
Response: 190403245  
Conc: 43.39 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 1288699713  
Conc: 44.71 ng/ml





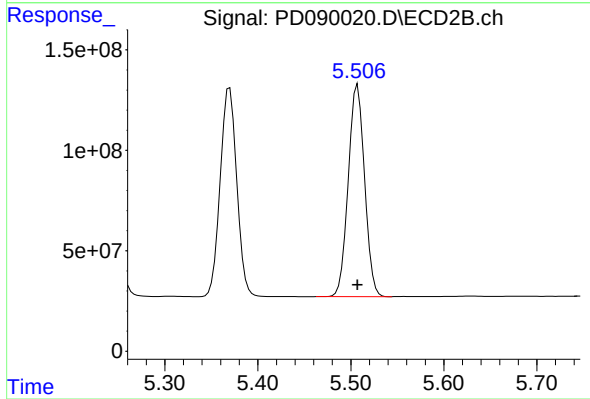
#13 Dieldrin

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 207694894  
Conc: 42.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

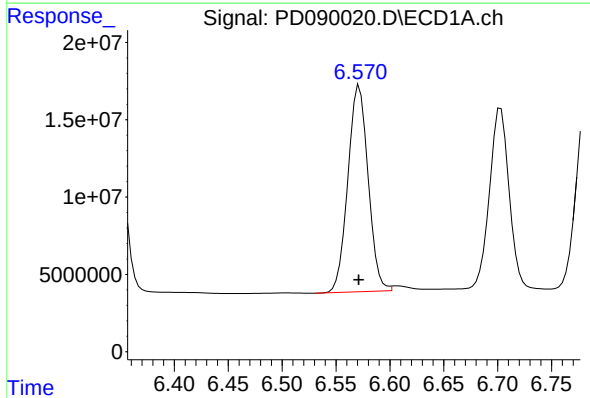
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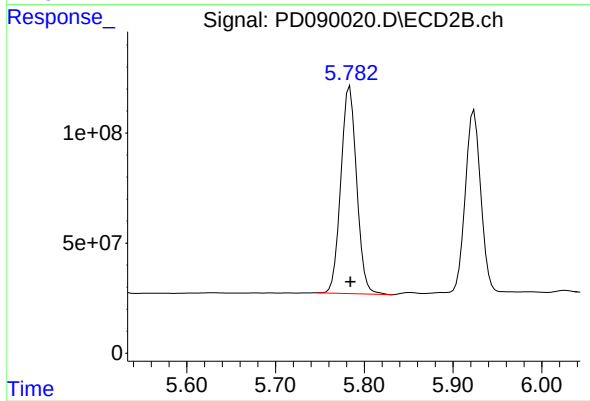
#13 Dieldrin

R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 1286319027  
Conc: 43.92 ng/ml



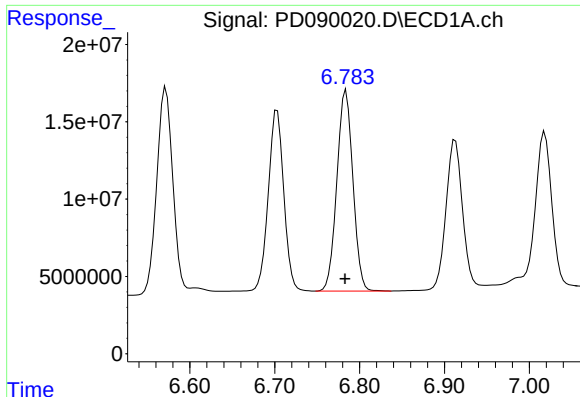
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 174684982  
Conc: 42.16 ng/ml



#14 Endrin

R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 1167708309  
Conc: 43.85 ng/ml



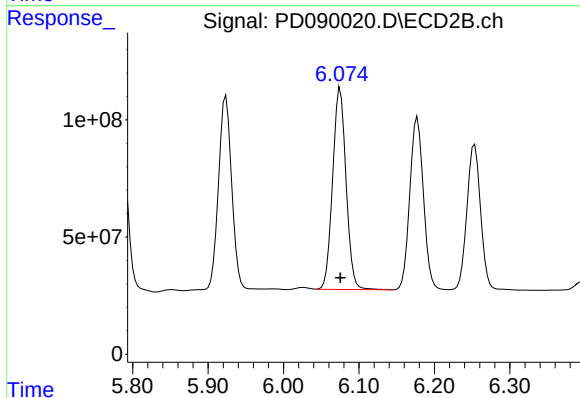
#15 Endosulfan II

R.T.: 6.784 min  
Delta R.T.: 0.001 min  
Response: 170227227  
Conc: 40.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

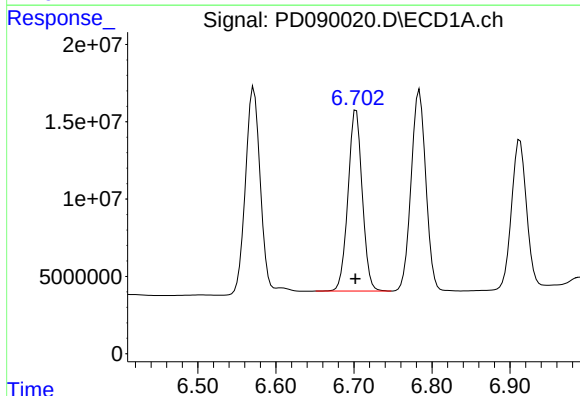
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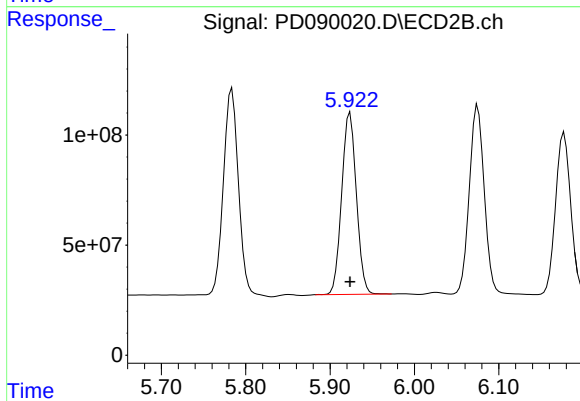
#15 Endosulfan II

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 1065664749  
Conc: 42.13 ng/ml



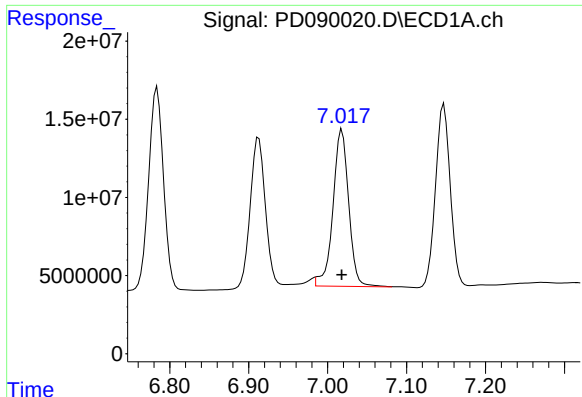
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: 0.000 min  
Response: 148548790  
Conc: 42.94 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 998666728  
Conc: 41.54 ng/ml



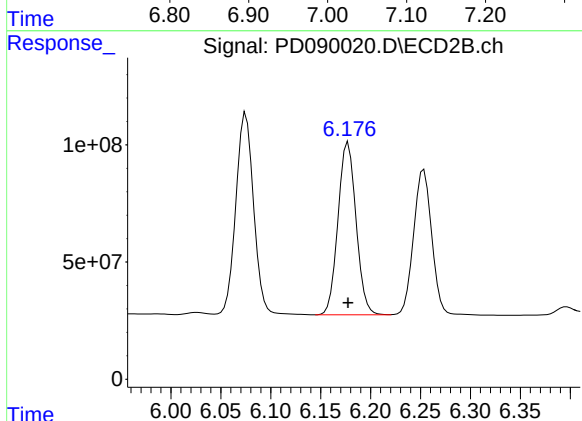
#17 4,4'-DDT

R.T.: 7.017 min  
Delta R.T.: -0.001 min  
Response: 138380519  
Conc: 36.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

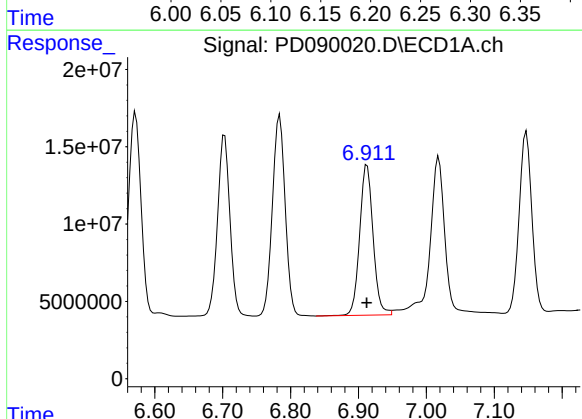
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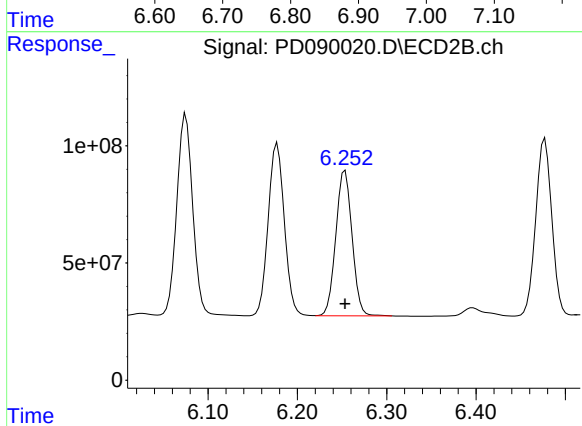
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 927835455  
Conc: 37.01 ng/ml



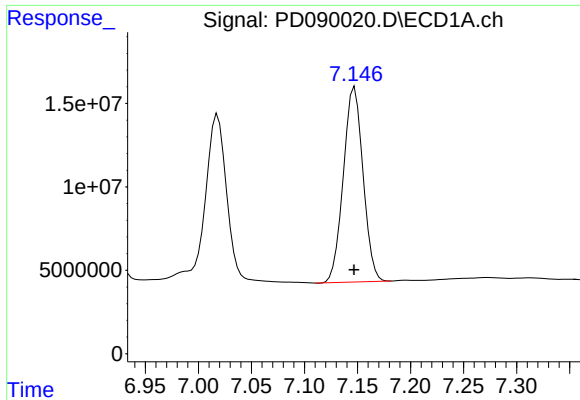
#18 Endrin aldehyde

R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 133536196  
Conc: 46.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 782042286  
Conc: 45.41 ng/ml



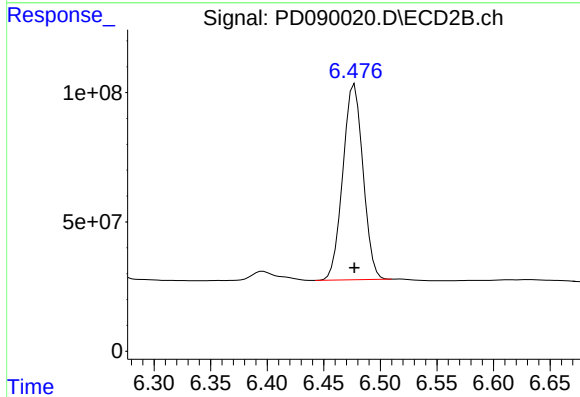
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 150565584  
Conc: 38.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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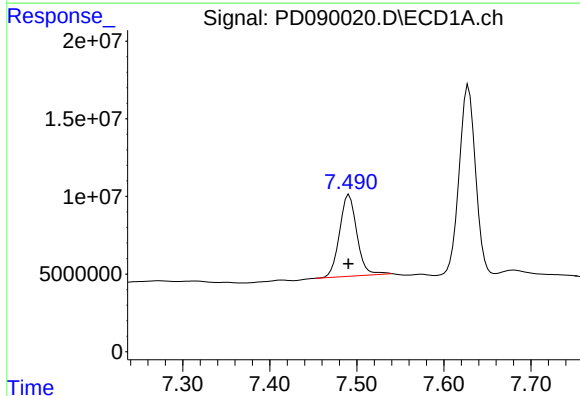
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Supervised By :mohammad ahmed 08/26/2025



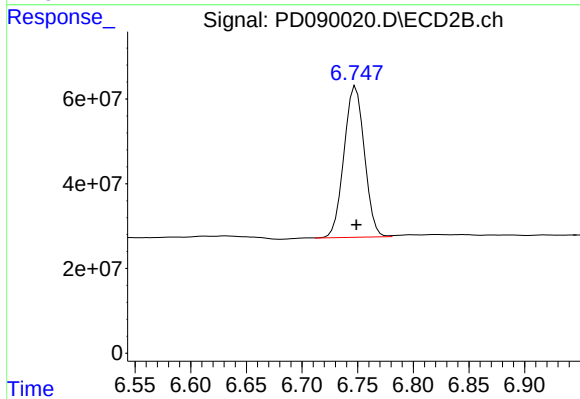
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 938052584  
Conc: 38.48 ng/ml



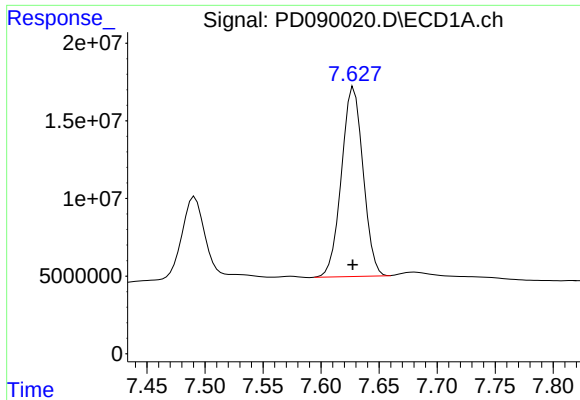
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: 0.000 min  
Response: 73048635  
Conc: 36.42 ng/ml



#20 Methoxychlor

R.T.: 6.747 min  
Delta R.T.: -0.002 min  
Response: 456184422  
Conc: 35.37 ng/ml m



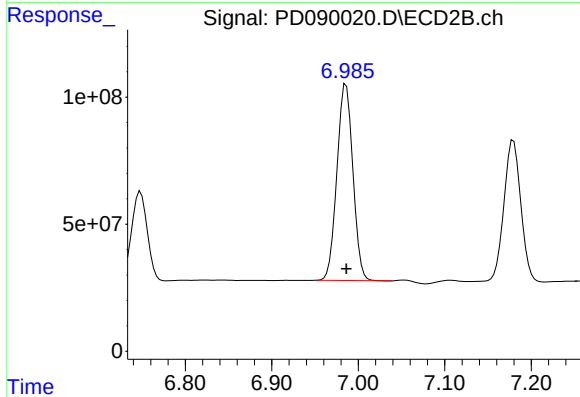
#21 Endrin ketone

R.T.: 7.628 min  
Delta R.T.: 0.000 min  
Response: 158260104  
Conc: 38.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BRIDGE-WESTMS

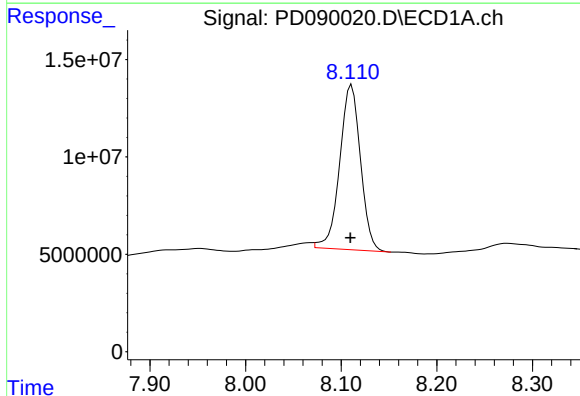
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/25/2025  
Supervised By :mohammad ahmed 08/26/2025



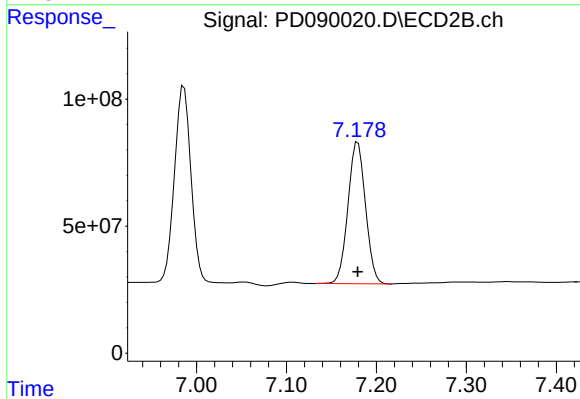
#21 Endrin ketone

R.T.: 6.986 min  
Delta R.T.: 0.000 min  
Response: 986076893  
Conc: 37.01 ng/ml



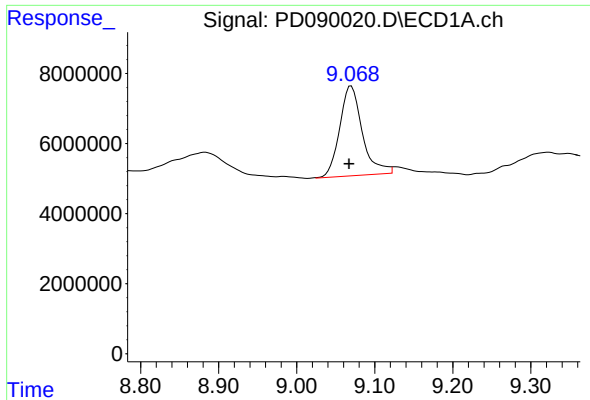
#22 Mirex

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 127734406  
Conc: 40.49 ng/ml m



#22 Mirex

R.T.: 7.179 min  
Delta R.T.: 0.000 min  
Response: 755554962  
Conc: 36.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.001 min  
Response: 51755991  
Conc: 11.99 ng/ml

Instrument :

ECD\_D

ClientSampleId :

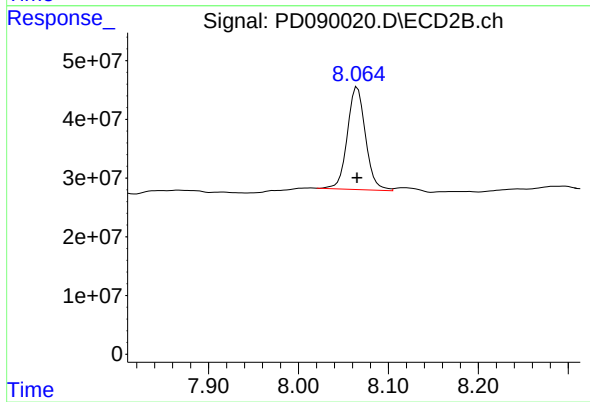
BRIDGE-WESTMS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/25/2025

Supervised By :mohammad ahmed 08/26/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 245044787  
Conc: 9.47 ng/ml