

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120925\  
 Data File : PD091529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Dec 2025 16:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/10/2025  
 Supervised By :mohammad ahmed 12/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 00:38:59 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 | 2.869 | 165.5E6 | 1999.7E6 | 47.651  | 50.748  |
| 28)                         | SA Decachlor... | 9.061 | 8.055 | 238.4E6 | 2256.1E6 | 45.856  | 54.481  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.989 | 3.380 | 395.3E6 | 3535.2E6 | 49.098  | 51.856  |
| 3)                          | MA gamma-BHC... | 4.320 | 3.716 | 369.1E6 | 3229.1E6 | 49.110  | 57.427  |
| 4)                          | MA Heptachlor   | 4.918 | 4.069 | 357.9E6 | 3149.1E6 | 50.411  | 54.030  |
| 5)                          | MB Aldrin       | 5.259 | 4.352 | 349.4E6 | 3135.5E6 | 50.220  | 54.073m |
| 6)                          | B beta-BHC      | 4.508 | 4.013 | 139.1E6 | 1277.7E6 | 48.165  | 53.327  |
| 7)                          | B delta-BHC     | 4.756 | 4.249 | 363.4E6 | 3241.9E6 | 60.749  | 54.134  |
| 8)                          | B Heptachlo...  | 5.680 | 4.857 | 320.3E6 | 2775.0E6 | 51.721  | 54.844  |
| 9)                          | A Endosulfan I  | 6.063 | 5.231 | 296.9E6 | 2235.0E6 | 48.602  | 45.623  |
| 10)                         | B gamma-Chl...  | 5.935 | 5.110 | 316.5E6 | 3104.0E6 | 49.636  | 55.607  |
| 11)                         | B alpha-Chl...  | 6.016 | 5.175 | 318.5E6 | 2937.5E6 | 47.426  | 54.855  |
| 12)                         | B 4,4'-DDE      | 6.186 | 5.358 | 277.5E6 | 2975.0E6 | 47.769  | 54.281m |
| 13)                         | MA Dieldrin     | 6.337 | 5.498 | 317.8E6 | 3010.3E6 | 48.845  | 54.276  |
| 14)                         | MA Endrin       | 6.562 | 5.773 | 269.9E6 | 2841.0E6 | 48.124m | 54.345m |
| 15)                         | B Endosulfa...  | 6.777 | 6.066 | 272.9E6 | 2558.7E6 | 44.884  | 54.308  |
| 16)                         | A 4,4'-DDD      | 6.696 | 5.914 | 235.8E6 | 2484.2E6 | 51.231  | 54.613  |
| 17)                         | MA 4,4'-DDT     | 7.012 | 6.168 | 243.6E6 | 2588.5E6 | 47.239  | 54.610  |
| 18)                         | B Endrin al...  | 6.906 | 6.244 | 203.3E6 | 1906.8E6 | 48.679  | 53.426  |
| 19)                         | B Endosulfa...  | 7.141 | 6.468 | 249.7E6 | 2483.9E6 | 47.296  | 53.889  |
| 20)                         | A Methoxychlor  | 7.485 | 6.739 | 126.0E6 | 1270.9E6 | 46.858  | 53.855  |
| 21)                         | B Endrin ke...  | 7.620 | 6.976 | 266.8E6 | 2649.7E6 | 47.348m | 54.472m |
| 22)                         | Mirex           | 8.103 | 7.169 | 173.8E6 | 1826.8E6 | 46.776  | 55.739  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120925\  
Data File : PD091529.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Dec 2025 16:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

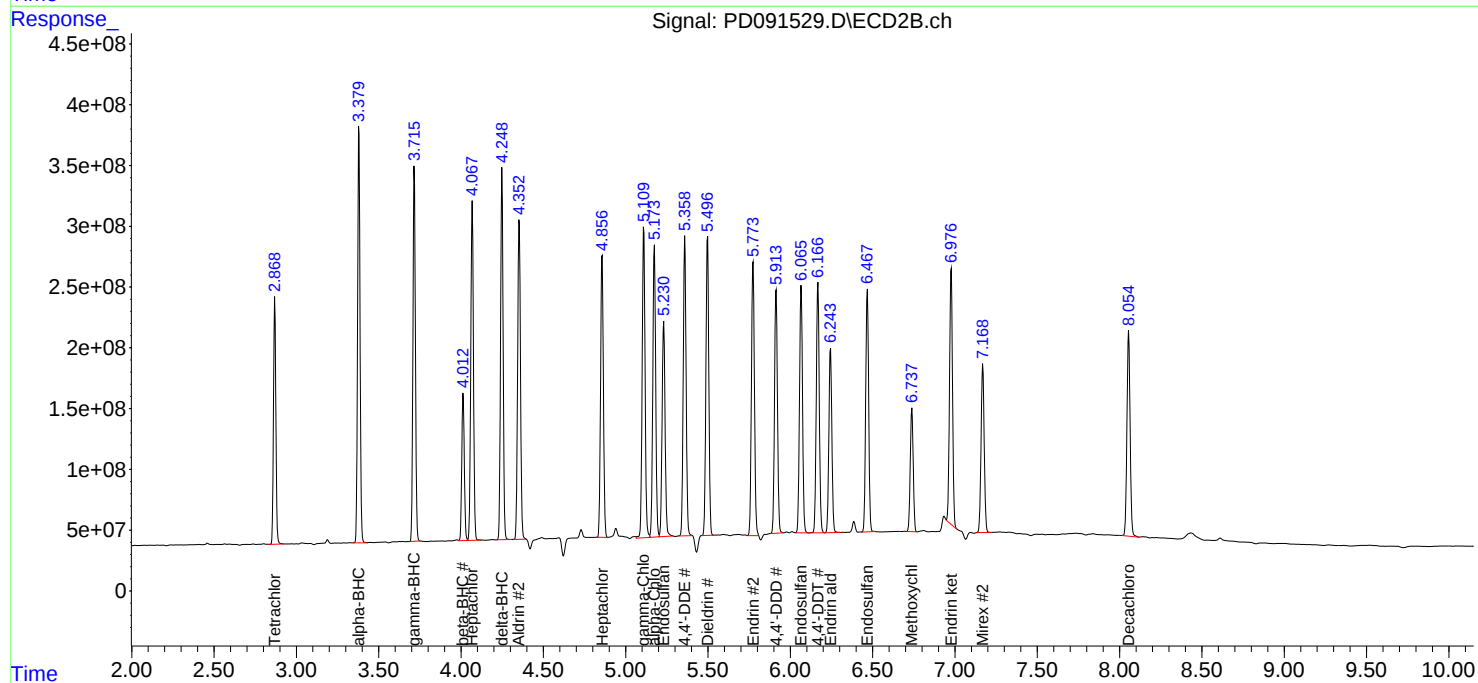
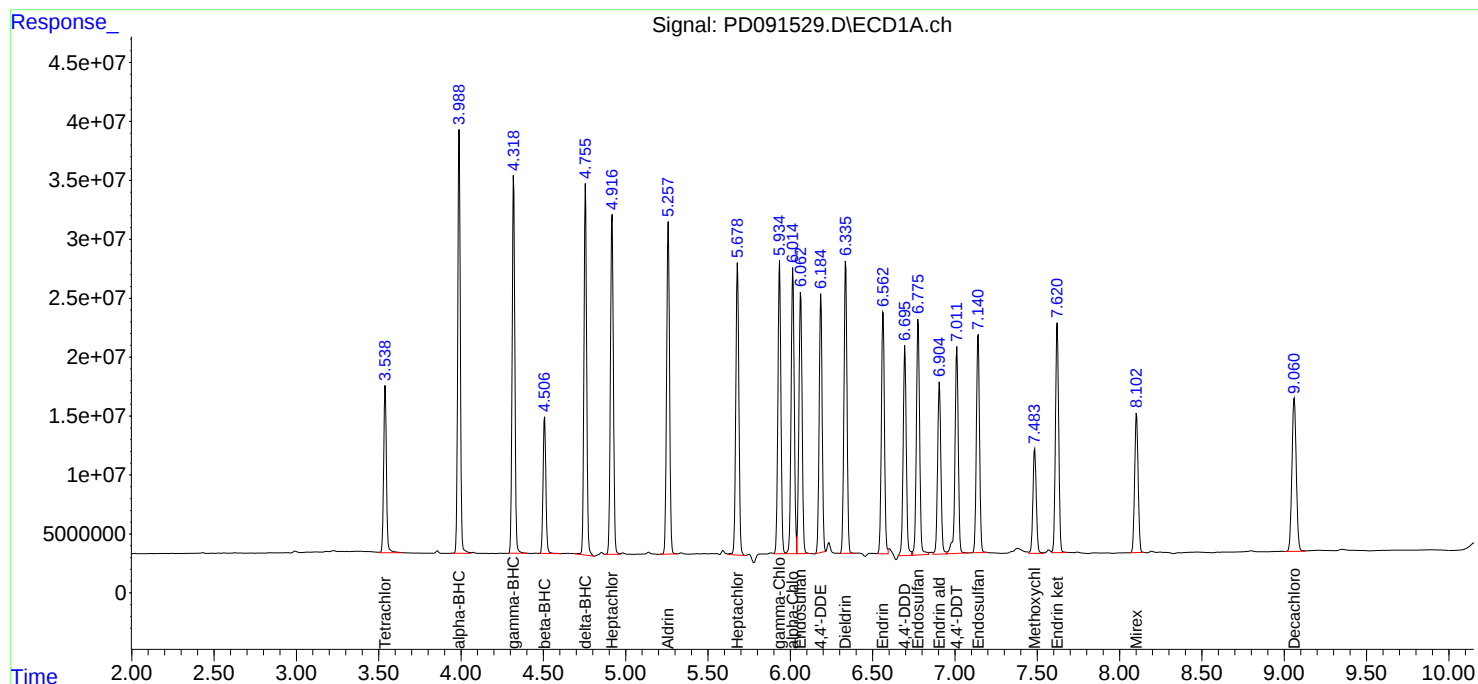
## APPROVED

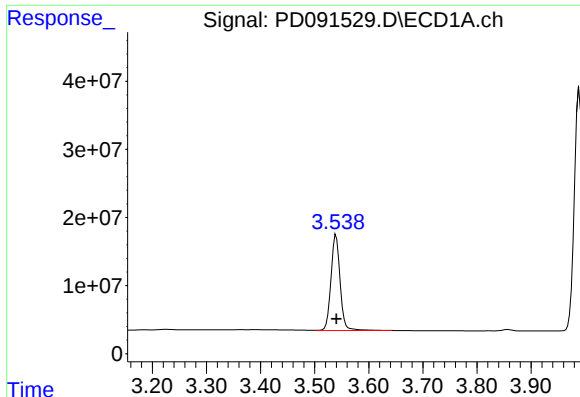
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 00:38:59 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





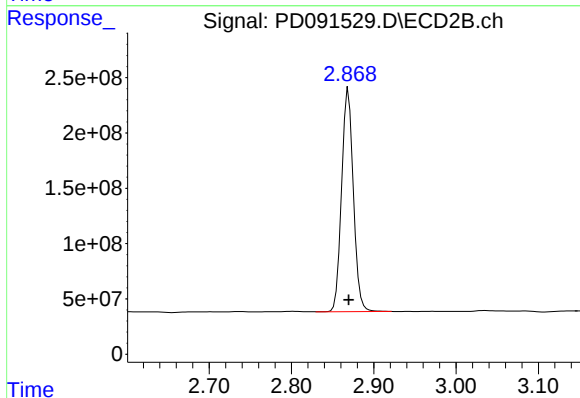
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 165508224  
Conc: 47.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

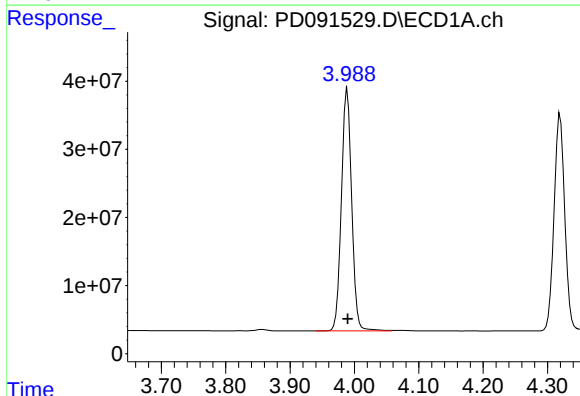
Manual Integrations  
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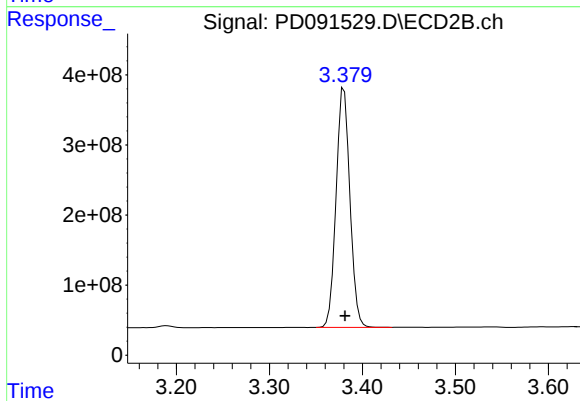
#1 Tetrachloro-m-xylene

R.T.: 2.869 min  
Delta R.T.: 0.000 min  
Response: 1999652851  
Conc: 50.75 ng/ml



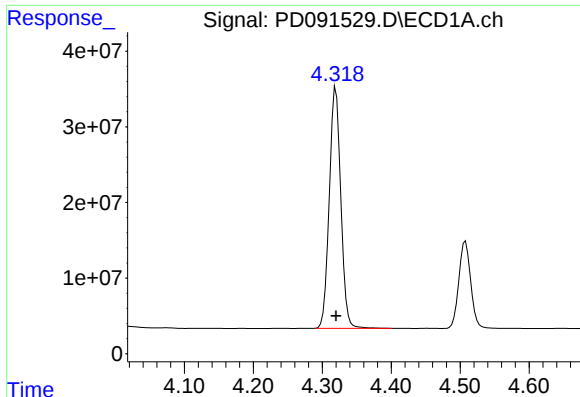
#2 alpha-BHC

R.T.: 3.989 min  
Delta R.T.: 0.000 min  
Response: 395282403  
Conc: 49.10 ng/ml



#2 alpha-BHC

R.T.: 3.380 min  
Delta R.T.: 0.000 min  
Response: 3535233951  
Conc: 51.86 ng/ml



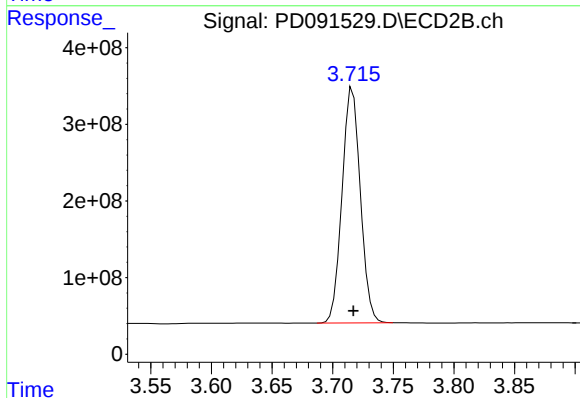
#3 gamma-BHC (Lindane)

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 369096040  
Conc: 49.11 ng/ml

Instrument :  
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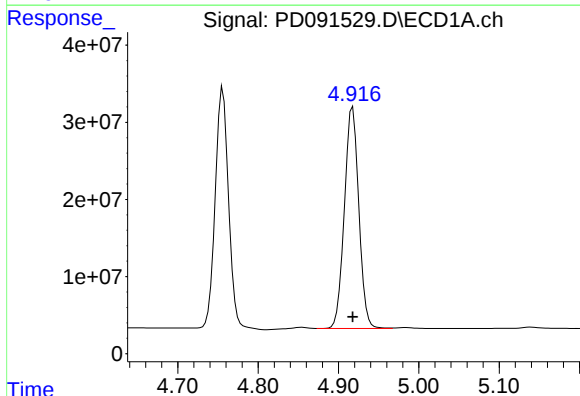
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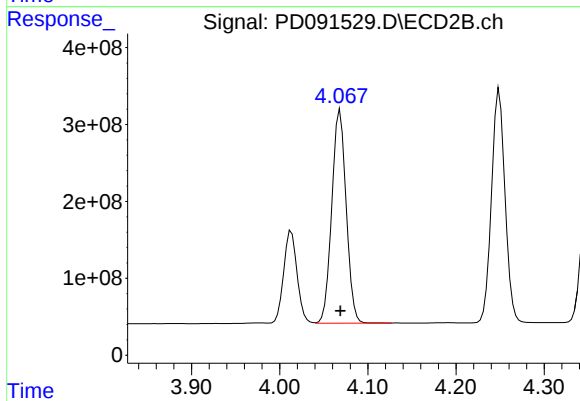
#3 gamma-BHC (Lindane)

R.T.: 3.716 min  
Delta R.T.: 0.000 min  
Response: 3229094415  
Conc: 57.43 ng/ml



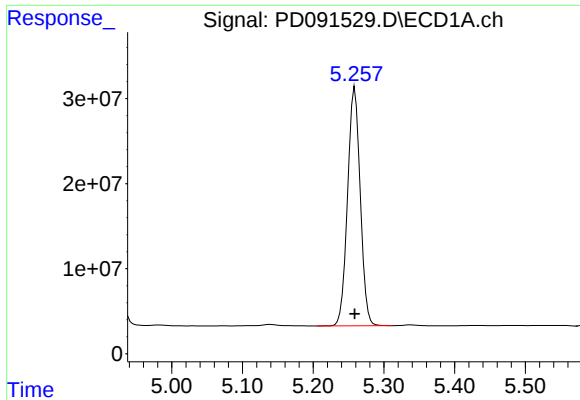
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.000 min  
Response: 357860190  
Conc: 50.41 ng/ml



#4 Heptachlor

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 3149055592  
Conc: 54.03 ng/ml



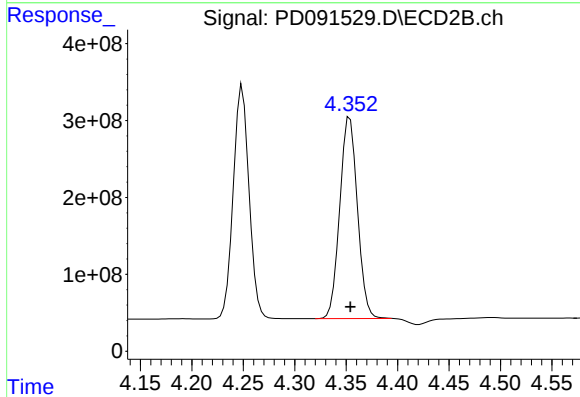
#5 Aldrin

R.T.: 5.259 min  
Delta R.T.: 0.000 min  
Response: 349422245  
Conc: 50.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

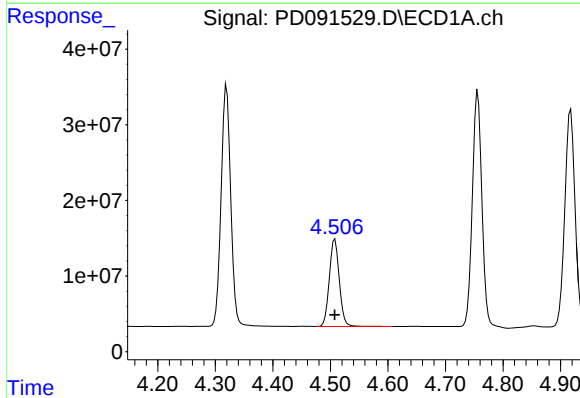
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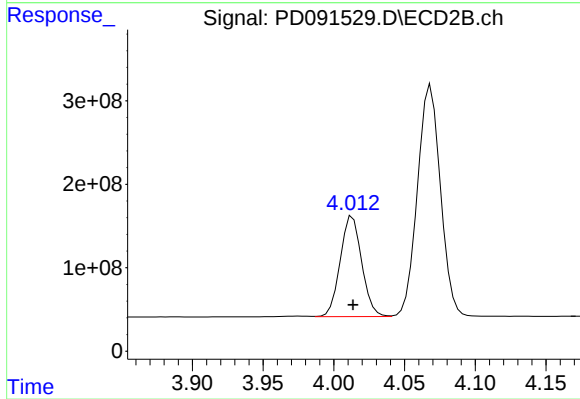
#5 Aldrin

R.T.: 4.352 min  
Delta R.T.: -0.002 min  
Response: 3135509414  
Conc: 54.07 ng/ml m



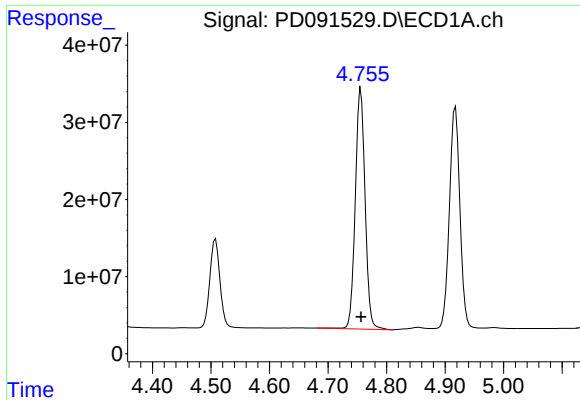
#6 beta-BHC

R.T.: 4.508 min  
Delta R.T.: 0.000 min  
Response: 139056170  
Conc: 48.17 ng/ml



#6 beta-BHC

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 1277674953  
Conc: 53.33 ng/ml



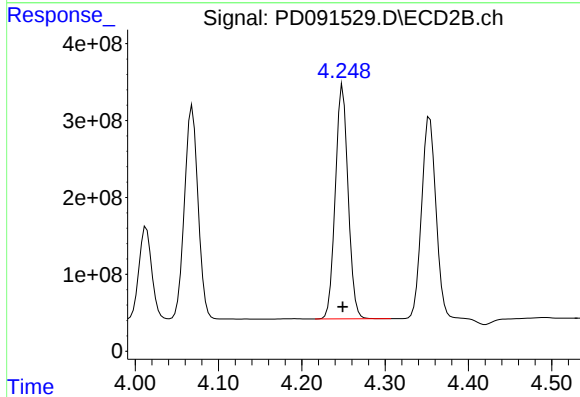
#7 delta-BHC

R.T.: 4.756 min  
Delta R.T.: 0.000 min  
Response: 363416103  
Conc: 60.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

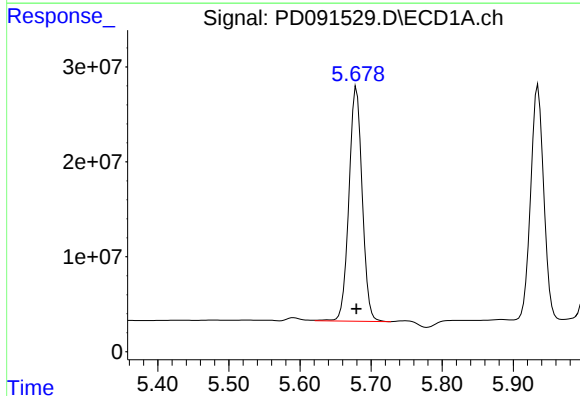
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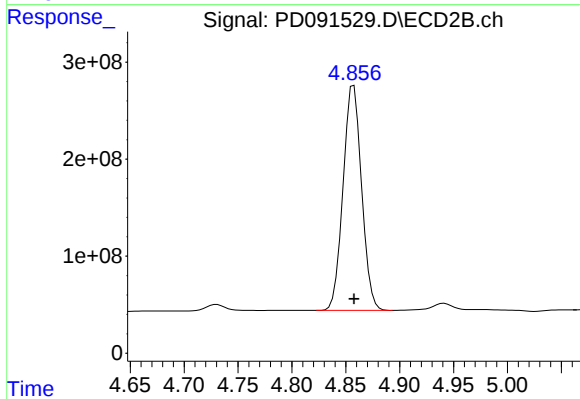
#7 delta-BHC

R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 3241896981  
Conc: 54.13 ng/ml



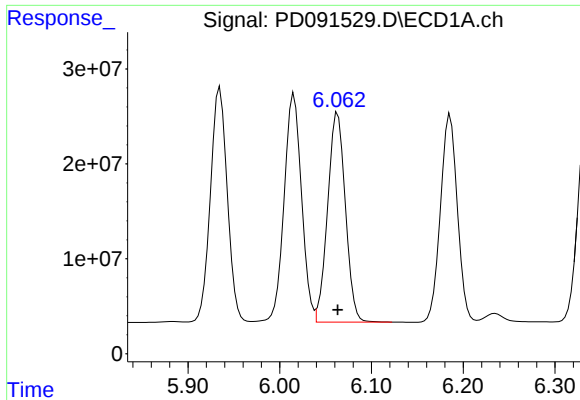
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 320272538  
Conc: 51.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 2774951350  
Conc: 54.84 ng/ml



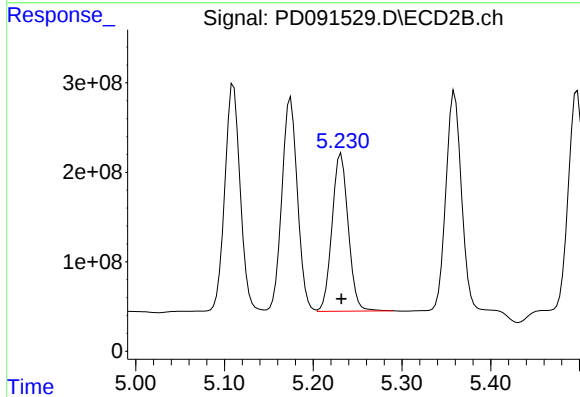
#9 Endosulfan I

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 296946483  
Conc: 48.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

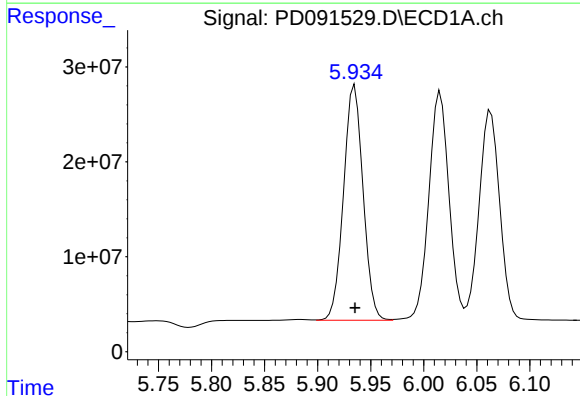
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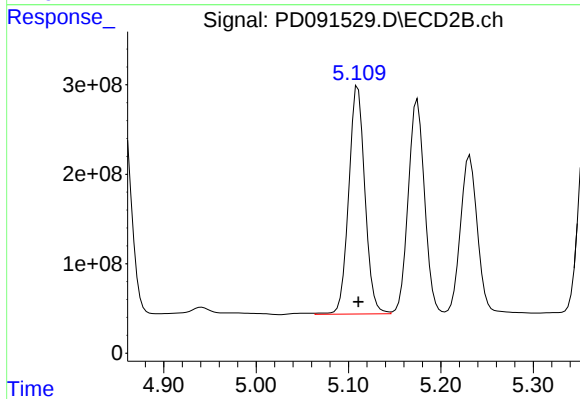
#9 Endosulfan I

R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 2235029498  
Conc: 45.62 ng/ml



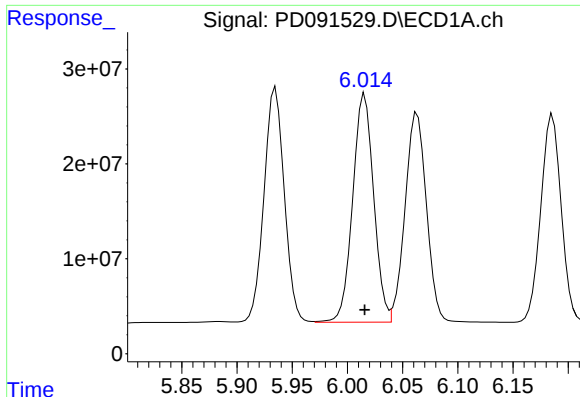
#10 gamma-Chlordane

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 316527889  
Conc: 49.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 3104028309  
Conc: 55.61 ng/ml



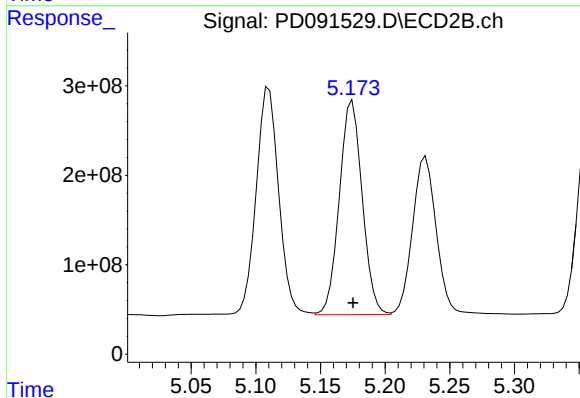
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 318520486  
Conc: 47.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

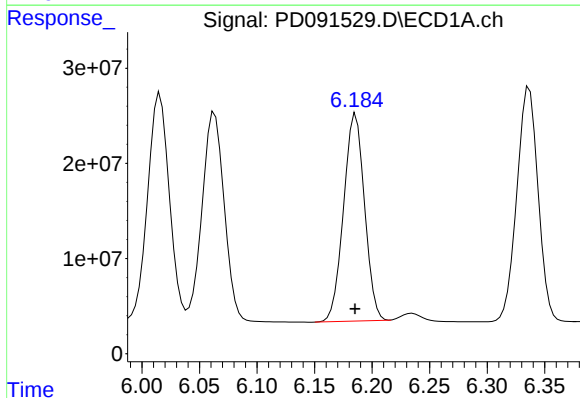
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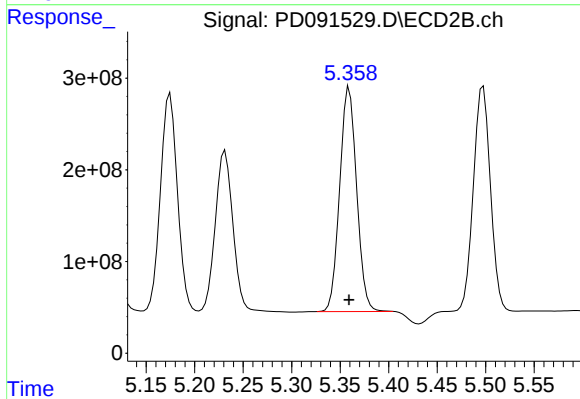
#11 alpha-Chlordane

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 2937533498  
Conc: 54.85 ng/ml



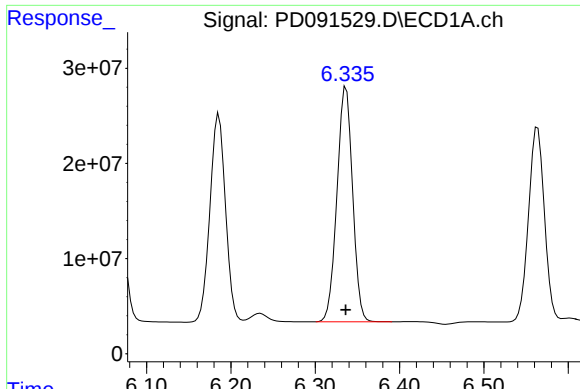
#12 4,4'-DDE

R.T.: 6.186 min  
Delta R.T.: 0.000 min  
Response: 277508477  
Conc: 47.77 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min  
Delta R.T.: -0.001 min  
Response: 2974992808  
Conc: 54.28 ng/ml m



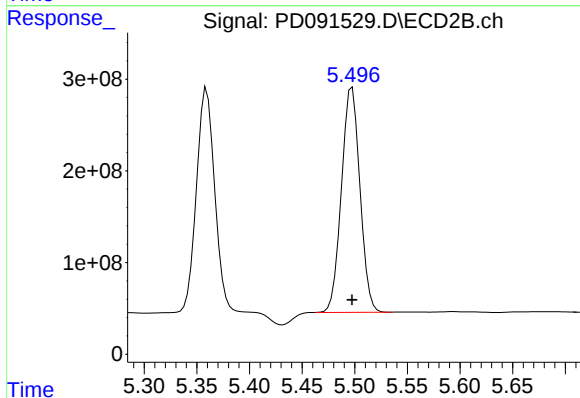
#13 Dieldrin

R.T.: 6.337 min  
Delta R.T.: 0.000 min  
Response: 317825012  
Conc: 48.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

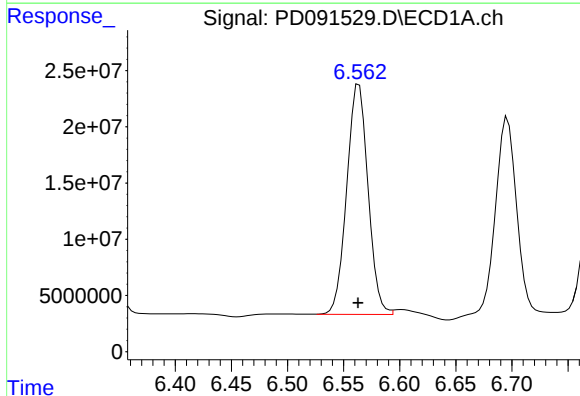
Manual Integrations  
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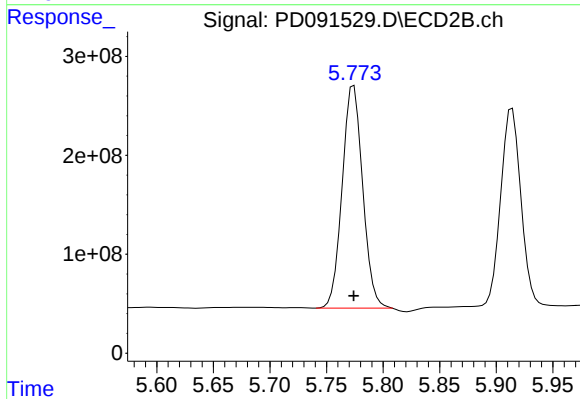
#13 Dieldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 3010347516  
Conc: 54.28 ng/ml



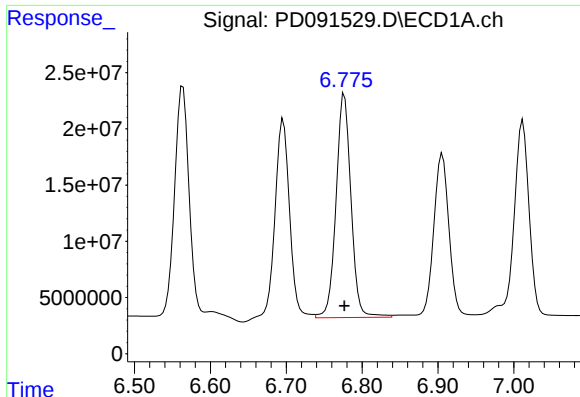
#14 Endrin

R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 269891350  
Conc: 48.12 ng/ml m



#14 Endrin

R.T.: 5.773 min  
Delta R.T.: -0.001 min  
Response: 2841036987  
Conc: 54.34 ng/ml m



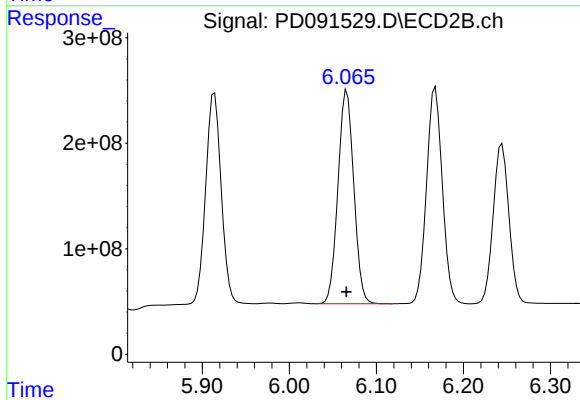
#15 Endosulfan II

R.T.: 6.777 min  
Delta R.T.: 0.000 min  
Response: 272927194  
Conc: 44.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

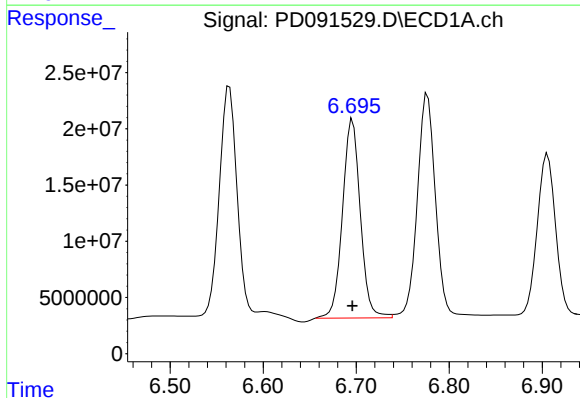
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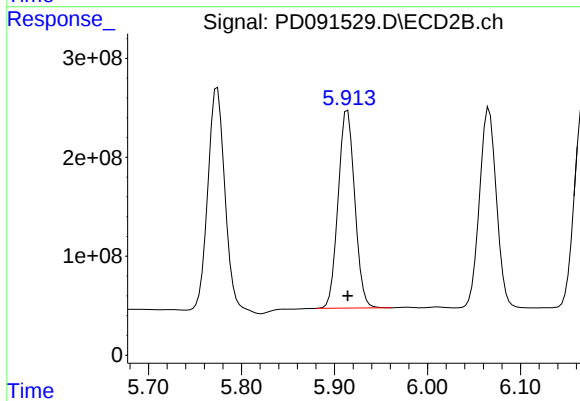
#15 Endosulfan II

R.T.: 6.066 min  
Delta R.T.: 0.000 min  
Response: 2558704079  
Conc: 54.31 ng/ml



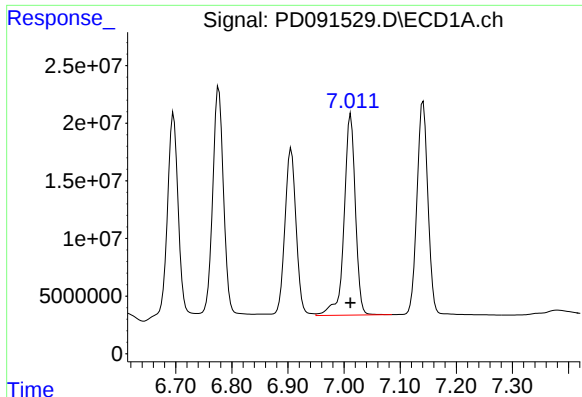
#16 4,4'-DDD

R.T.: 6.696 min  
Delta R.T.: 0.000 min  
Response: 235805721  
Conc: 51.23 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 2484192369  
Conc: 54.61 ng/ml



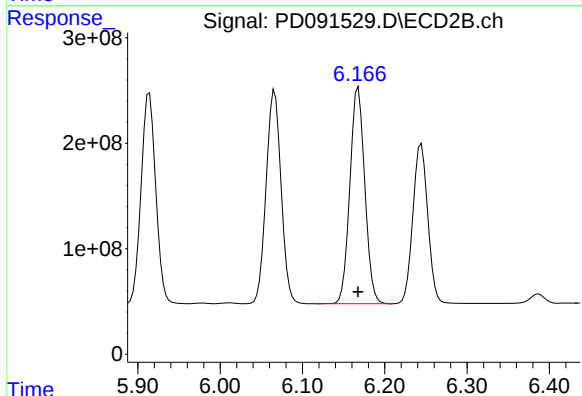
#17 4,4'-DDT

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 243585058  
Conc: 47.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

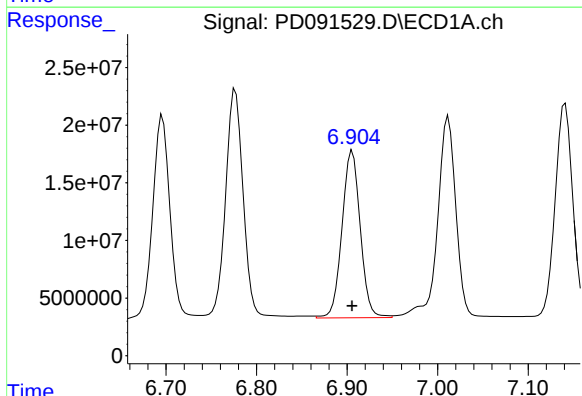
Manual Integrations  
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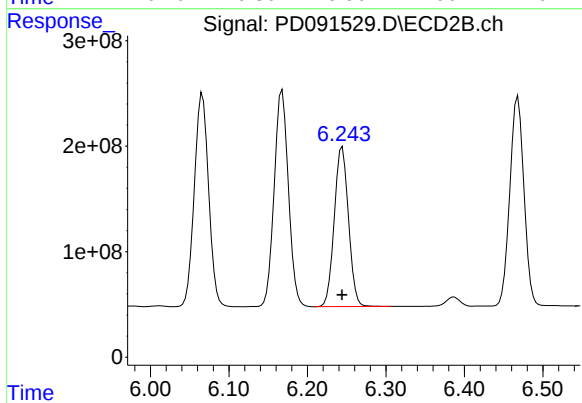
#17 4,4'-DDT

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 2588451544  
Conc: 54.61 ng/ml



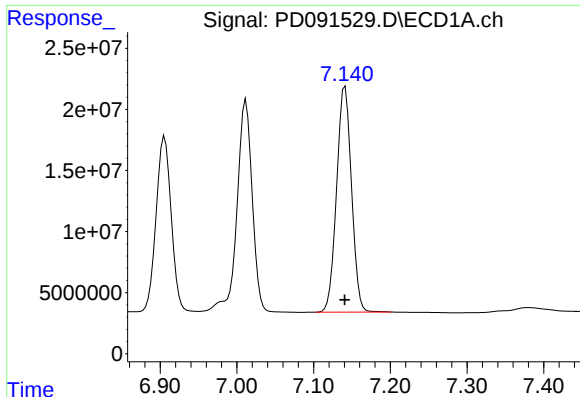
#18 Endrin aldehyde

R.T.: 6.906 min  
Delta R.T.: 0.000 min  
Response: 203349246  
Conc: 48.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 1906836363  
Conc: 53.43 ng/ml



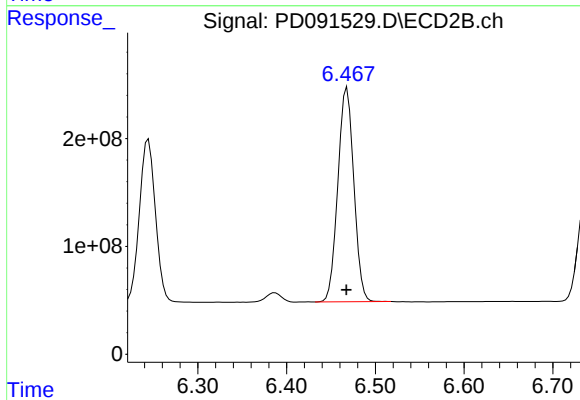
#19 Endosulfan Sulfate

R.T.: 7.141 min  
Delta R.T.: 0.000 min  
Response: 249685686  
Conc: 47.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

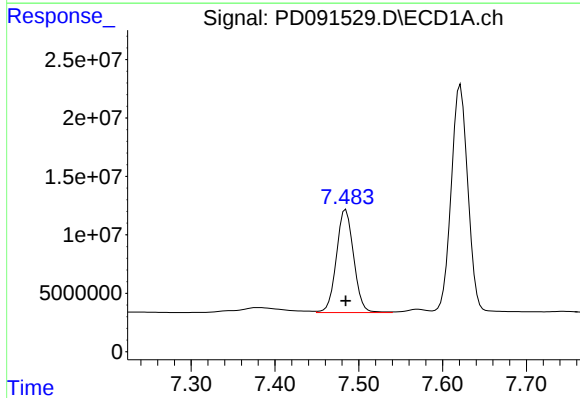
Manual Integrations  
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Reviewed By :Yogesh Patel 12/10/2025  
Supervised By :mohammad ahmed 12/10/2025



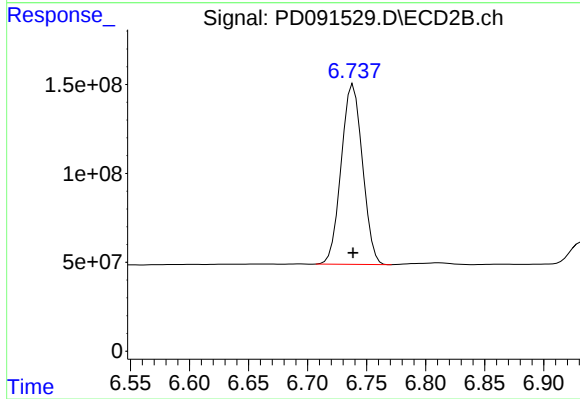
#19 Endosulfan Sulfate

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 2483920531  
Conc: 53.89 ng/ml



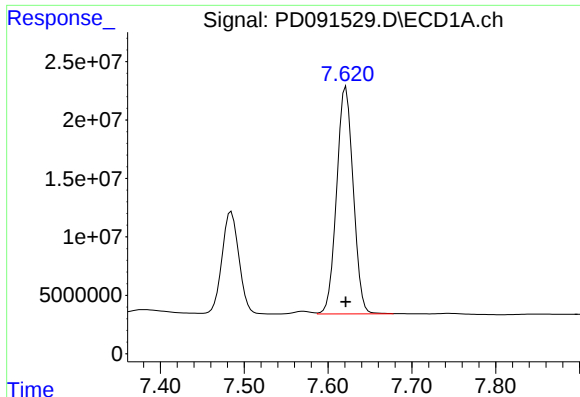
#20 Methoxychlor

R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 125952535  
Conc: 46.86 ng/ml



#20 Methoxychlor

R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 1270869980  
Conc: 53.85 ng/ml



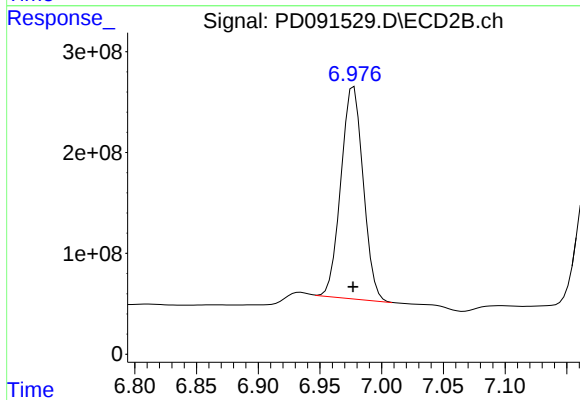
#21 Endrin ketone

R.T.: 7.620 min  
Delta R.T.: -0.001 min  
Response: 266753937  
Conc: 47.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

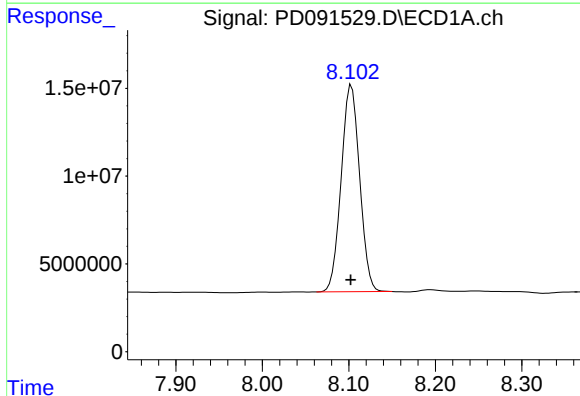
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/10/2025  
Supervised By :mohammad ahmed 12/10/2025



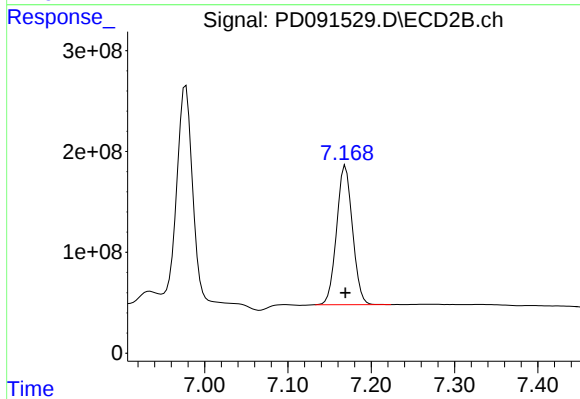
#21 Endrin ketone

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 2649686173  
Conc: 54.47 ng/ml m



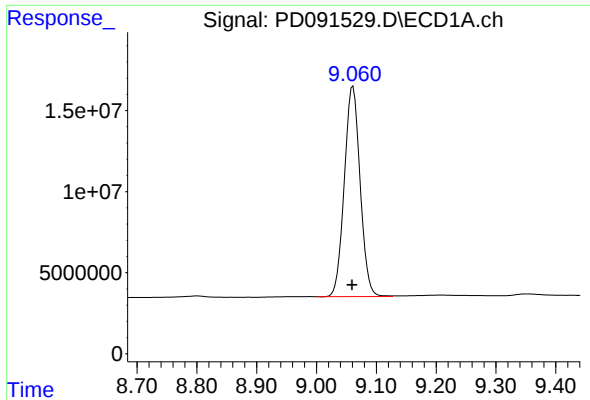
#22 Mirex

R.T.: 8.103 min  
Delta R.T.: 0.000 min  
Response: 173794786  
Conc: 46.78 ng/ml



#22 Mirex

R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 1826839919  
Conc: 55.74 ng/ml



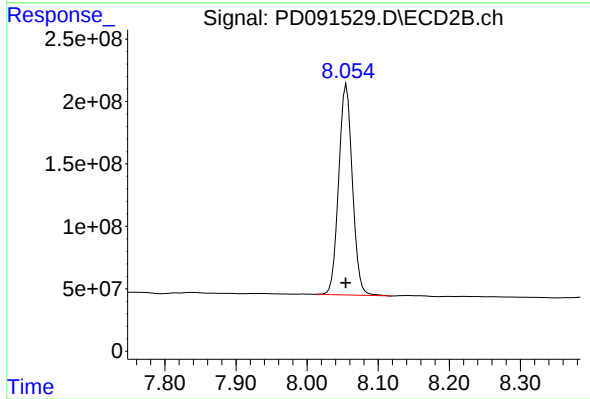
#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.002 min  
Response: 238361183  
Conc: 45.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/10/2025  
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#28 Decachlorobiphenyl

R.T.: 8.055 min  
Delta R.T.: 0.000 min  
Response: 2256092776  
Conc: 54.48 ng/ml