

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121625\  
 Data File : PD091620.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2025 19:43  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/17/2025  
 Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 04:58:53 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 | 2.870 | 159.6E6 | 1970.5E6 | 45.950 | 50.009  |
| 28)                         | SA Decachlor... | 9.058 | 8.054 | 231.2E6 | 2286.6E6 | 44.482 | 55.217  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.989 | 3.381 | 381.2E6 | 3479.5E6 | 47.349 | 51.039  |
| 3)                          | MA gamma-BHC... | 4.320 | 3.717 | 354.9E6 | 3191.4E6 | 47.222 | 56.757  |
| 4)                          | MA Heptachlor   | 4.917 | 4.069 | 342.7E6 | 3127.9E6 | 48.275 | 53.667  |
| 5)                          | MB Aldrin       | 5.258 | 4.353 | 344.7E6 | 3151.7E6 | 49.542 | 54.353  |
| 6)                          | B beta-BHC      | 4.507 | 4.013 | 134.4E6 | 1293.3E6 | 46.540 | 53.981  |
| 7)                          | B delta-BHC     | 4.755 | 4.249 | 354.5E6 | 3227.7E6 | 59.262 | 53.896  |
| 8)                          | B Heptachlo...  | 5.678 | 4.857 | 305.3E6 | 2793.3E6 | 49.295 | 55.207  |
| 9)                          | A Endosulfan I  | 6.062 | 5.231 | 290.3E6 | 2519.0E6 | 47.511 | 51.419  |
| 10)                         | B gamma-Chl...  | 5.934 | 5.110 | 311.3E6 | 3082.3E6 | 48.818 | 55.217  |
| 11)                         | B alpha-Chl...  | 6.015 | 5.174 | 309.0E6 | 2931.5E6 | 46.001 | 54.741  |
| 12)                         | B 4,4'-DDE      | 6.184 | 5.357 | 273.1E6 | 2953.2E6 | 47.002 | 53.883m |
| 13)                         | MA Dieldrin     | 6.335 | 5.497 | 309.6E6 | 3023.4E6 | 47.579 | 54.511  |
| 14)                         | MA Endrin       | 6.562 | 5.773 | 259.5E6 | 2735.8E6 | 46.266 | 52.332  |
| 15)                         | B Endosulfa...  | 6.775 | 6.065 | 267.3E6 | 2570.5E6 | 43.953 | 54.559  |
| 16)                         | A 4,4'-DDD      | 6.695 | 5.913 | 222.9E6 | 2500.1E6 | 48.438 | 54.962  |
| 17)                         | MA 4,4'-DDT     | 7.010 | 6.167 | 227.8E6 | 2554.9E6 | 44.181 | 53.903  |
| 18)                         | B Endrin al...  | 6.905 | 6.243 | 195.9E6 | 1930.7E6 | 46.884 | 54.093  |
| 19)                         | B Endosulfa...  | 7.139 | 6.467 | 242.7E6 | 2510.5E6 | 45.967 | 54.466  |
| 20)                         | A Methoxychlor  | 7.484 | 6.737 | 117.1E6 | 1267.6E6 | 43.554 | 53.716  |
| 21)                         | B Endrin ke...  | 7.620 | 6.976 | 262.7E6 | 2745.6E6 | 46.622 | 56.444  |
| 22)                         | Mirex           | 8.101 | 7.168 | 170.6E6 | 1874.0E6 | 45.924 | 57.177  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121625\  
Data File : PD091620.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2025 19:43  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

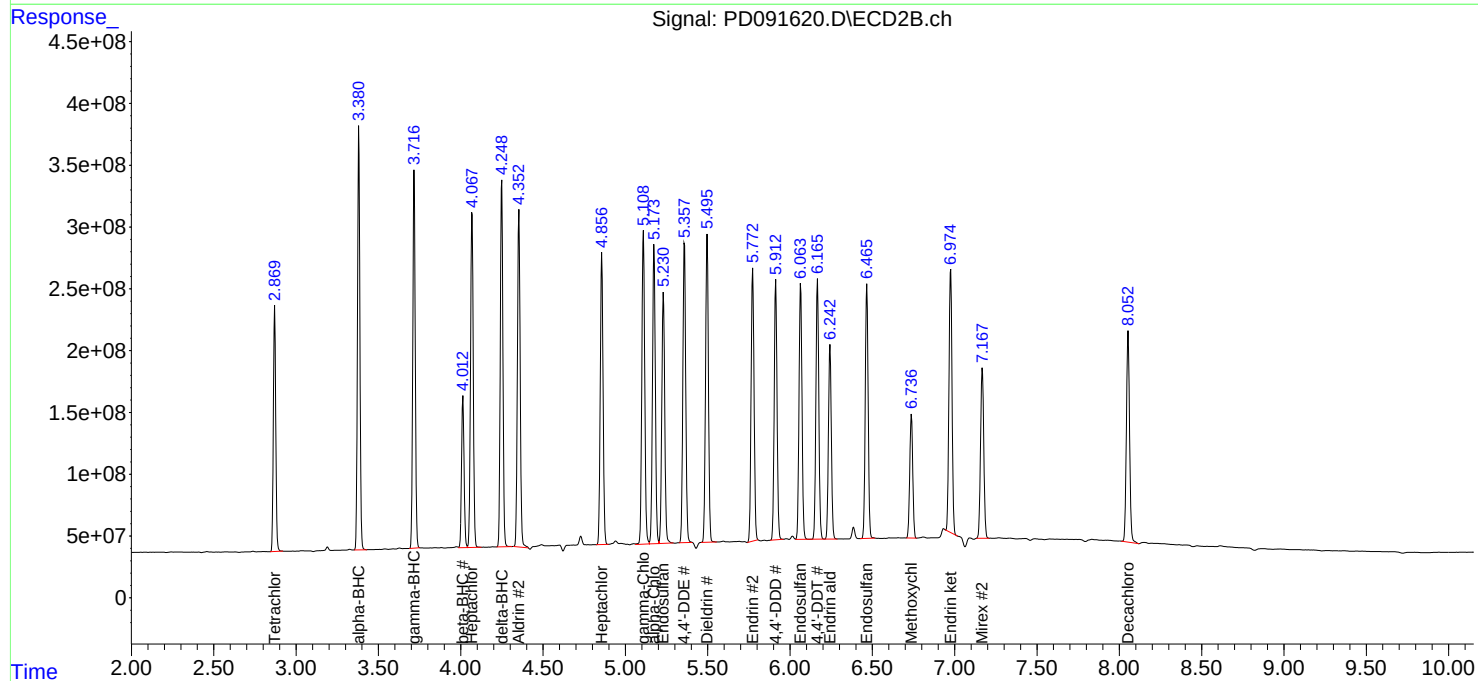
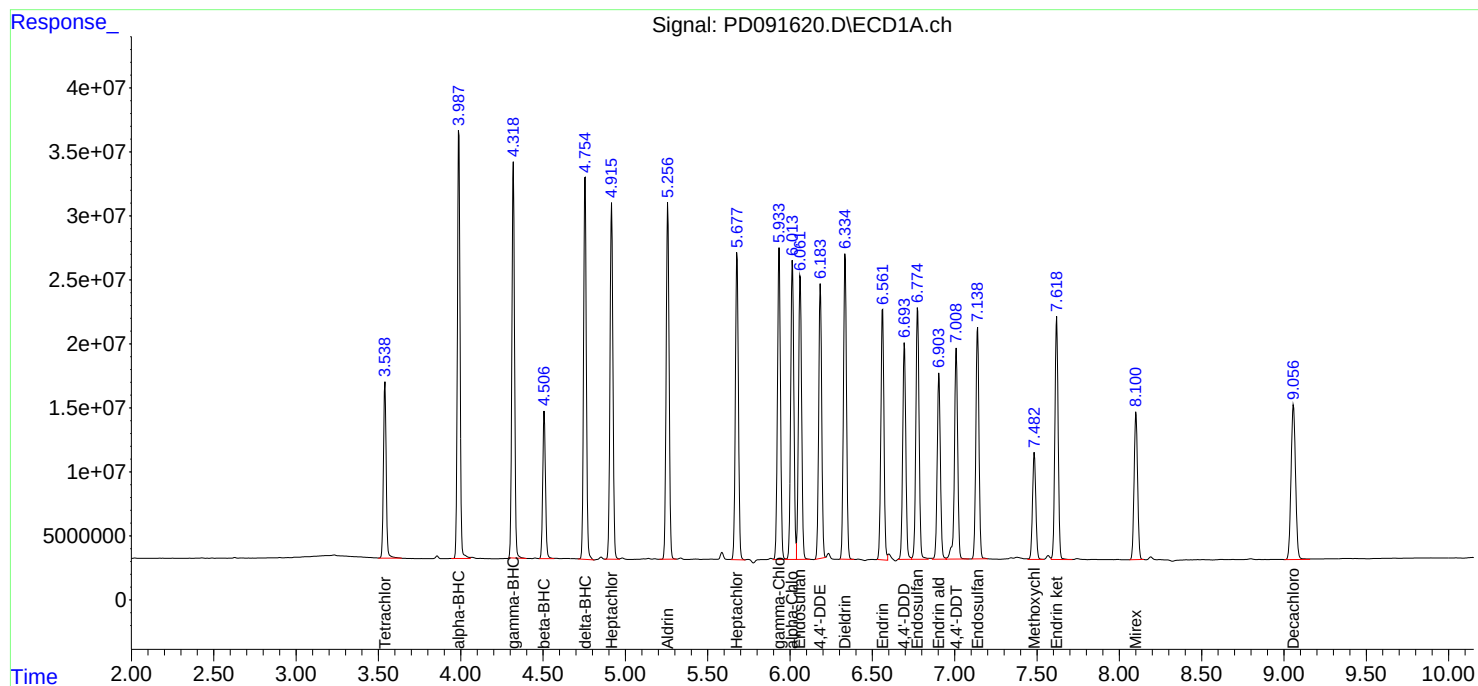
## Manual Integrations

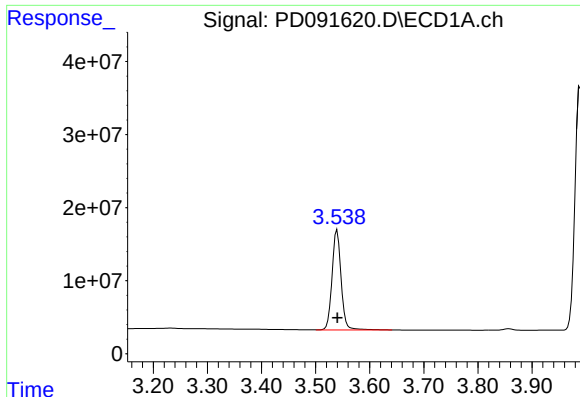
## APPROVED

Reviewed By :Abdul Mirza 12/17/2025  
Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 04:58:53 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





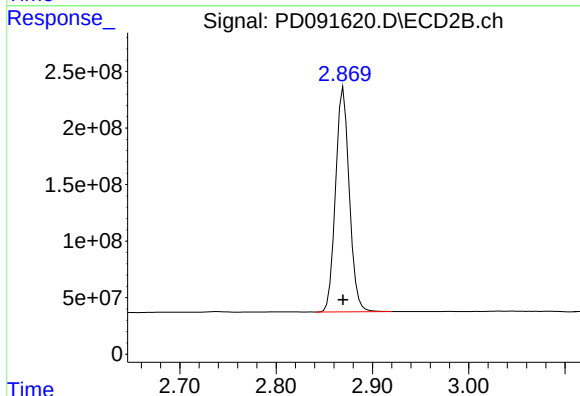
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 159597627  
Conc: 45.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

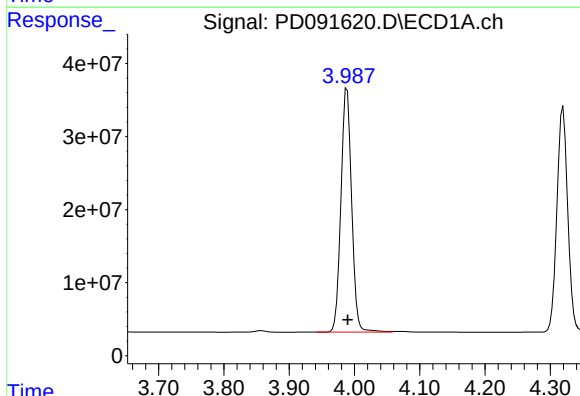
Manual Integrations  
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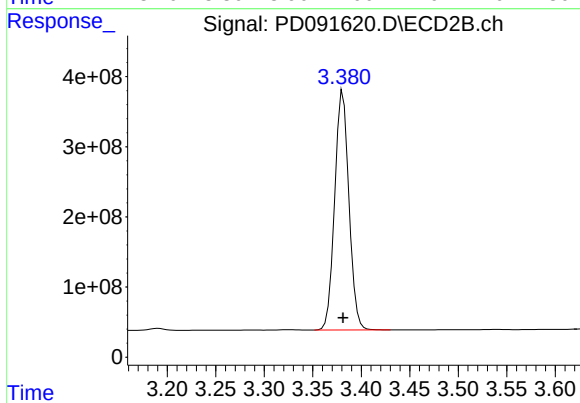
#1 Tetrachloro-m-xylene

R.T.: 2.870 min  
Delta R.T.: 0.000 min  
Response: 1970520313  
Conc: 50.01 ng/ml



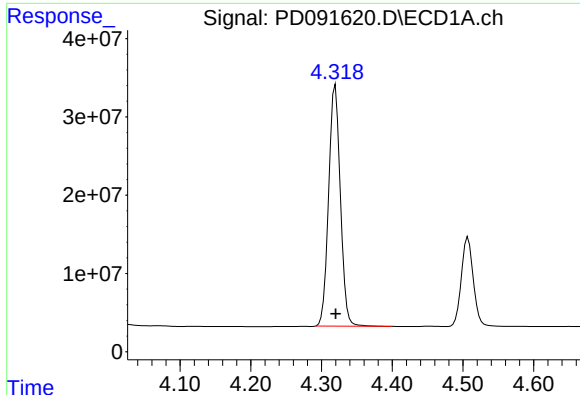
#2 alpha-BHC

R.T.: 3.989 min  
Delta R.T.: 0.000 min  
Response: 381200050  
Conc: 47.35 ng/ml



#2 alpha-BHC

R.T.: 3.381 min  
Delta R.T.: 0.000 min  
Response: 3479537403  
Conc: 51.04 ng/ml



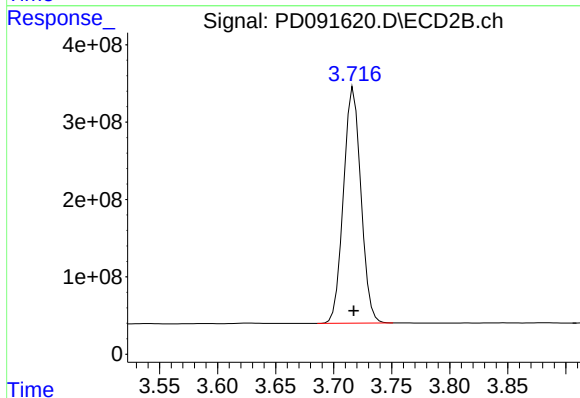
#3 gamma-BHC (Lindane)

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 354904501  
Conc: 47.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

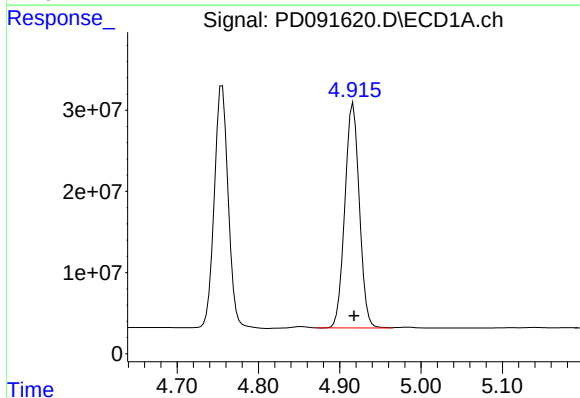
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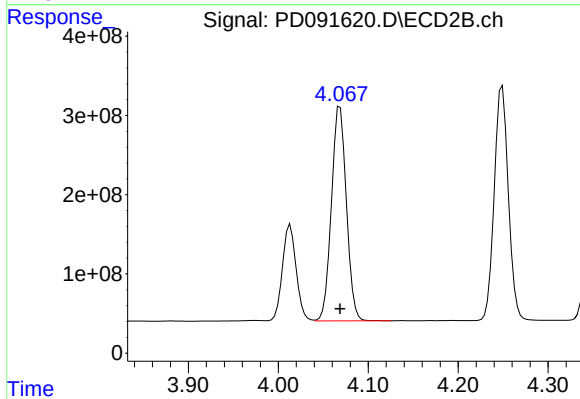
#3 gamma-BHC (Lindane)

R.T.: 3.717 min  
Delta R.T.: 0.000 min  
Response: 3191410133  
Conc: 56.76 ng/ml



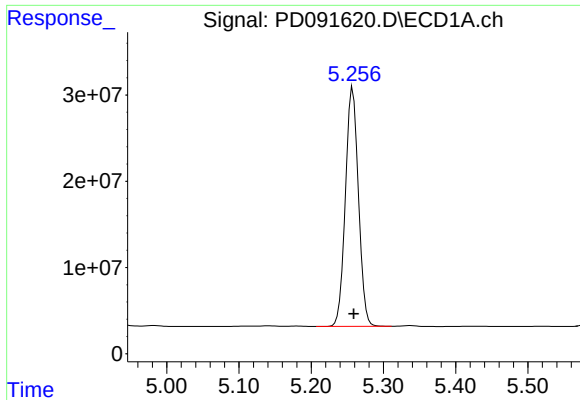
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: -0.001 min  
Response: 342701527  
Conc: 48.28 ng/ml



#4 Heptachlor

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 3127936856  
Conc: 53.67 ng/ml



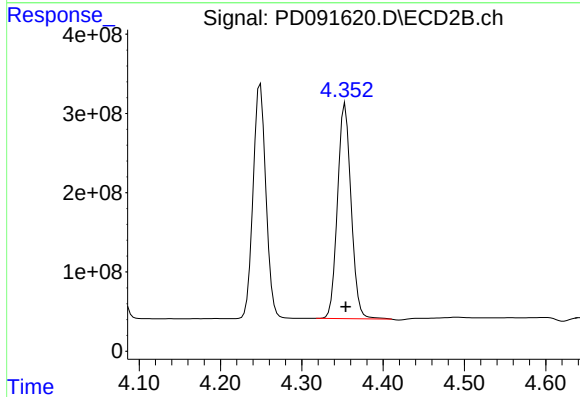
#5 Aldrin

R.T.: 5.258 min  
Delta R.T.: -0.001 min  
Response: 344703988  
Conc: 49.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

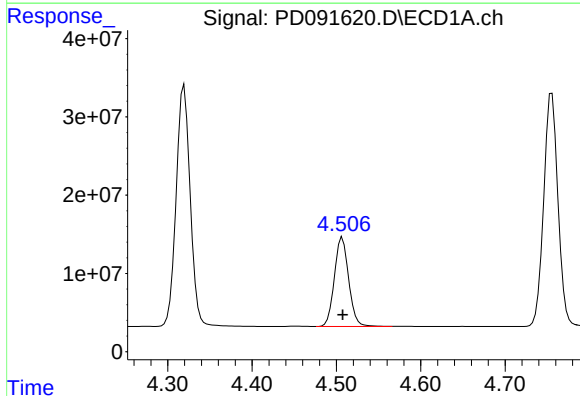
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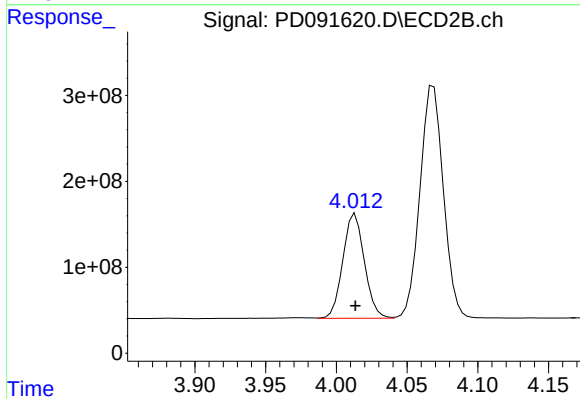
#5 Aldrin

R.T.: 4.353 min  
Delta R.T.: 0.000 min  
Response: 3151721834  
Conc: 54.35 ng/ml



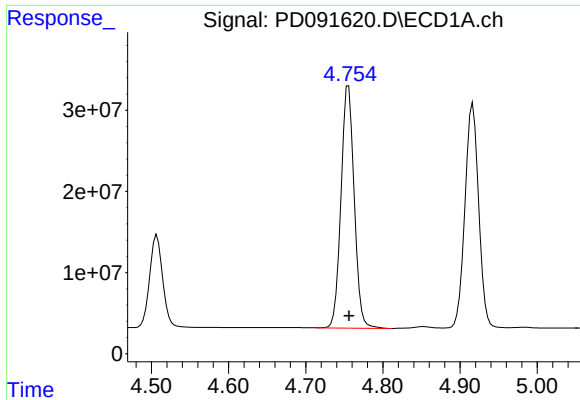
#6 beta-BHC

R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 134363334  
Conc: 46.54 ng/ml



#6 beta-BHC

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 1293342183  
Conc: 53.98 ng/ml



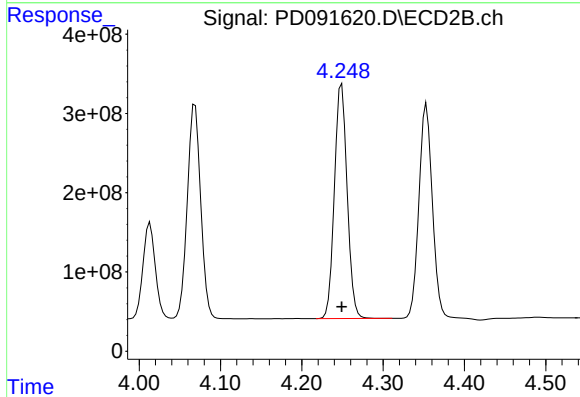
#7 delta-BHC

R.T.: 4.755 min  
Delta R.T.: 0.000 min  
Response: 354523538  
Conc: 59.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

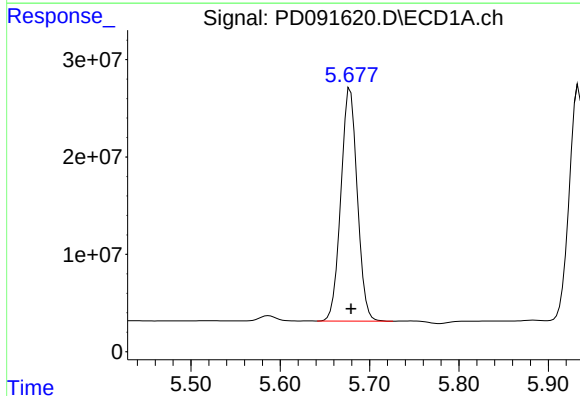
Manual Integrations  
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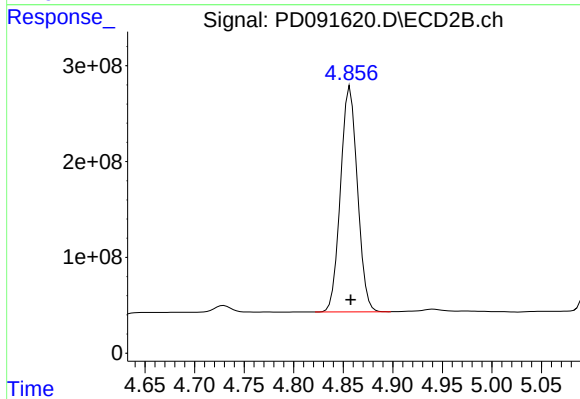
#7 delta-BHC

R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 3227650675  
Conc: 53.90 ng/ml



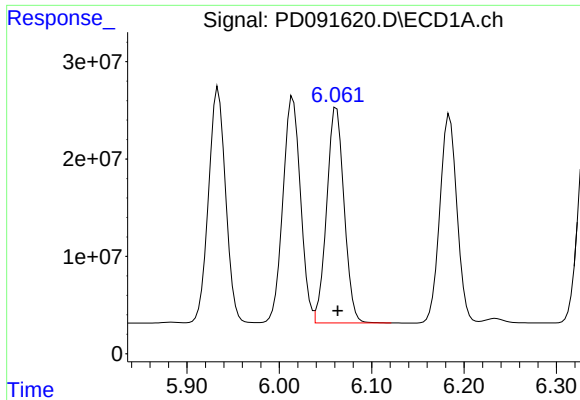
#8 Heptachlor epoxide

R.T.: 5.678 min  
Delta R.T.: -0.001 min  
Response: 305250146  
Conc: 49.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 2793332748  
Conc: 55.21 ng/ml



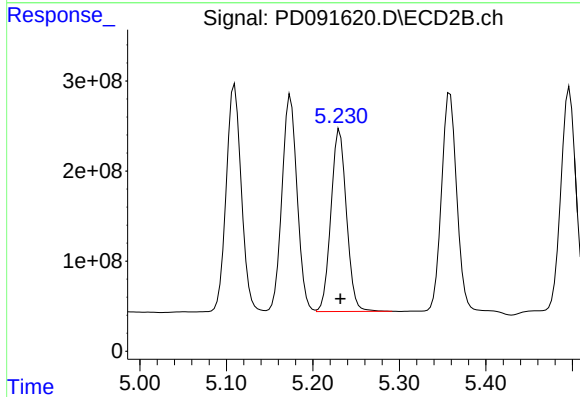
#9 Endosulfan I

R.T.: 6.062 min  
Delta R.T.: -0.001 min  
Response: 290281892  
Conc: 47.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

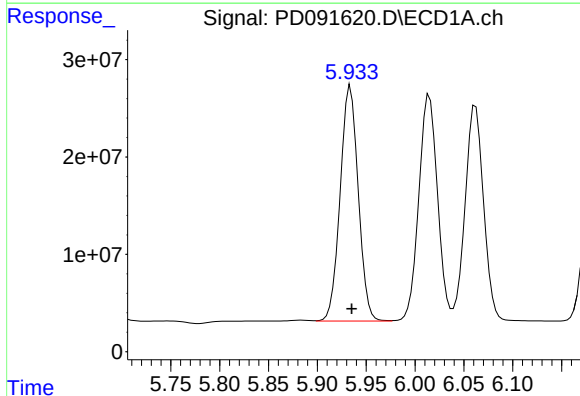
Manual Integrations  
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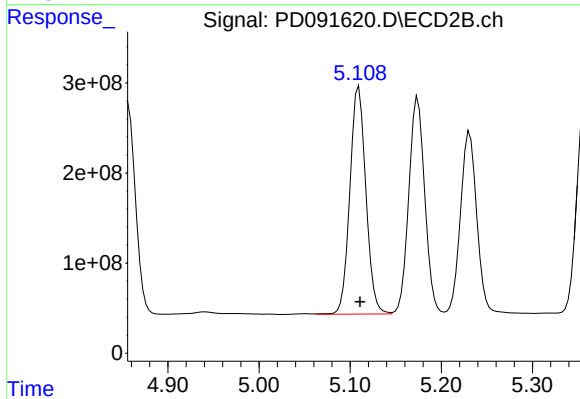
#9 Endosulfan I

R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 2518960366  
Conc: 51.42 ng/ml



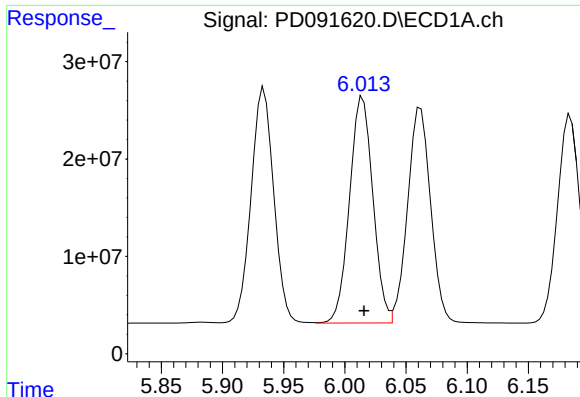
#10 gamma-Chlordane

R.T.: 5.934 min  
Delta R.T.: -0.001 min  
Response: 311316222  
Conc: 48.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 3082281025  
Conc: 55.22 ng/ml



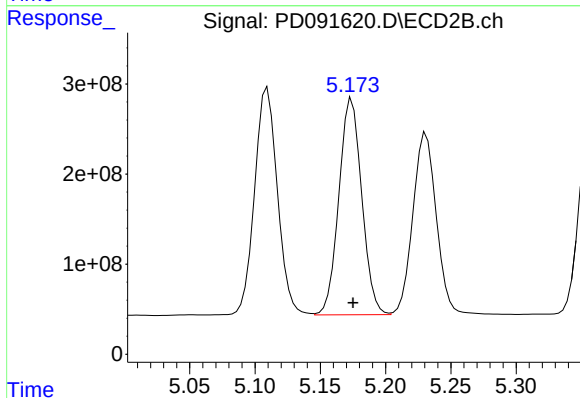
#11 alpha-Chlordane

R.T.: 6.015 min  
Delta R.T.: -0.001 min  
Response: 308950542  
Conc: 46.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

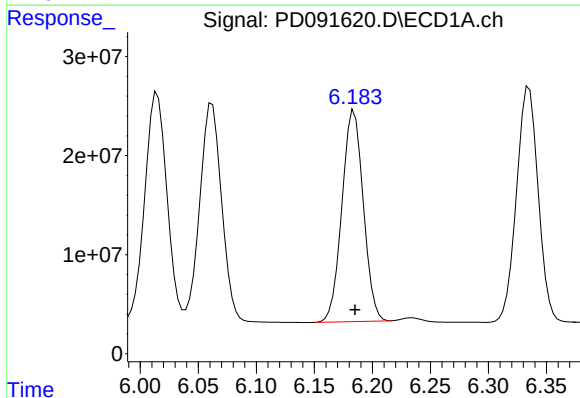
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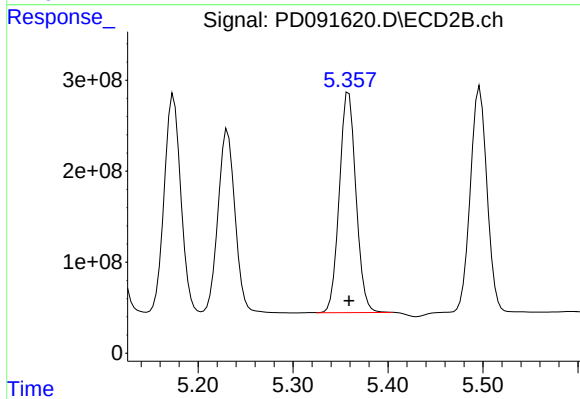
#11 alpha-Chlordane

R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 2931455514  
Conc: 54.74 ng/ml



#12 4,4'-DDE

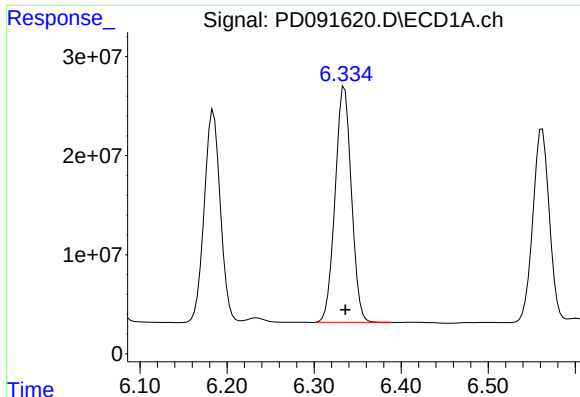
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 273050537  
Conc: 47.00 ng/ml



#12 4,4'-DDE

R.T.: 5.357 min  
Delta R.T.: -0.002 min  
Response: 2953203459  
Conc: 53.88 ng/ml m





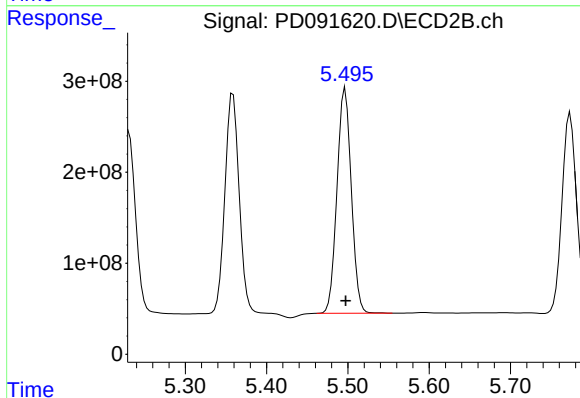
#13 Dieldrin

R.T.: 6.335 min  
Delta R.T.: -0.001 min  
Response: 309586670  
Conc: 47.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

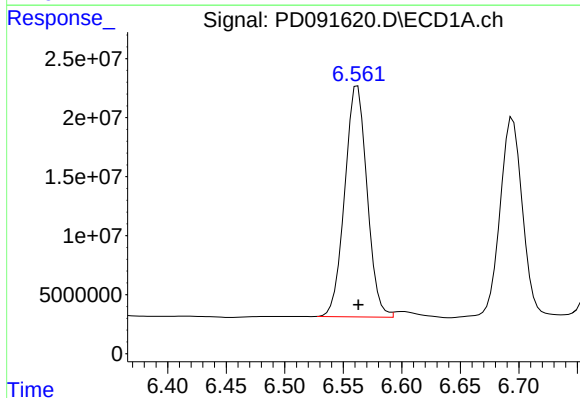
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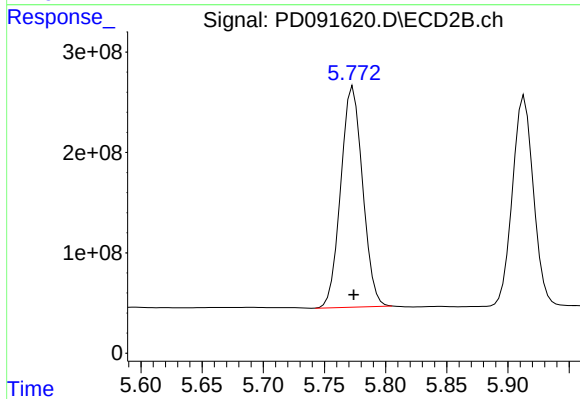
#13 Dieldrin

R.T.: 5.497 min  
Delta R.T.: 0.000 min  
Response: 3023398250  
Conc: 54.51 ng/ml



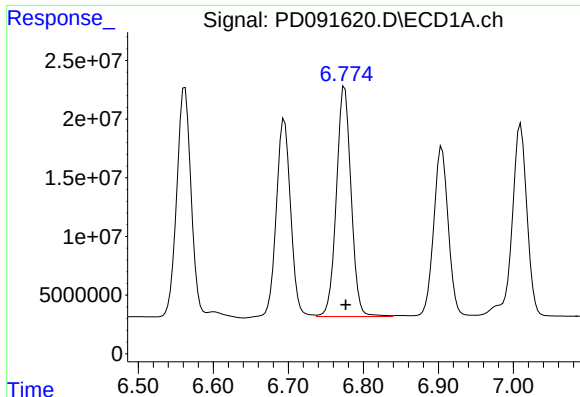
#14 Endrin

R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 259468518  
Conc: 46.27 ng/ml



#14 Endrin

R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 2735817838  
Conc: 52.33 ng/ml



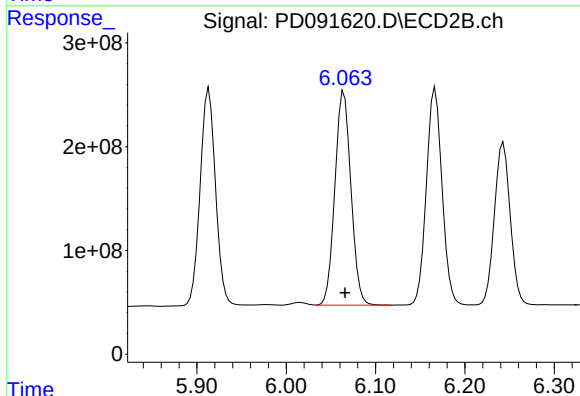
#15 Endosulfan II

R.T.: 6.775 min  
Delta R.T.: -0.001 min  
Response: 267268346  
Conc: 43.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

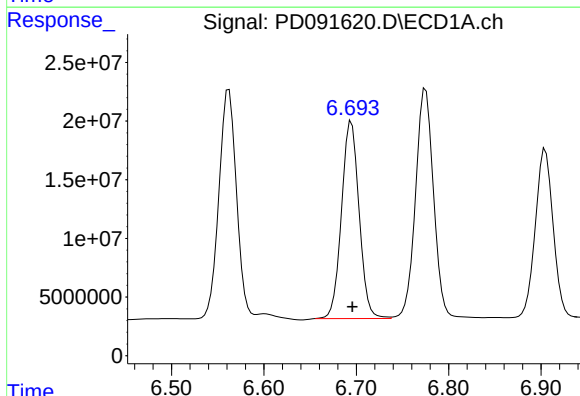
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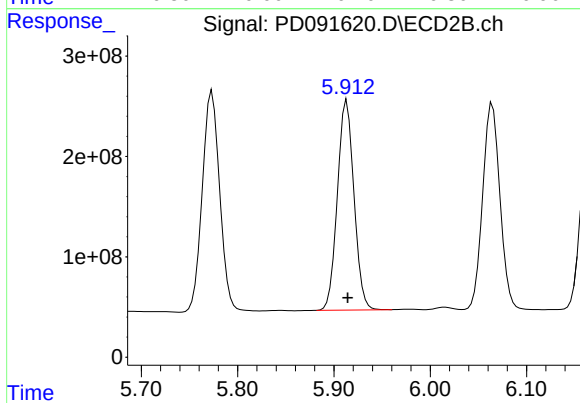
#15 Endosulfan II

R.T.: 6.065 min  
Delta R.T.: -0.001 min  
Response: 2570527759  
Conc: 54.56 ng/ml



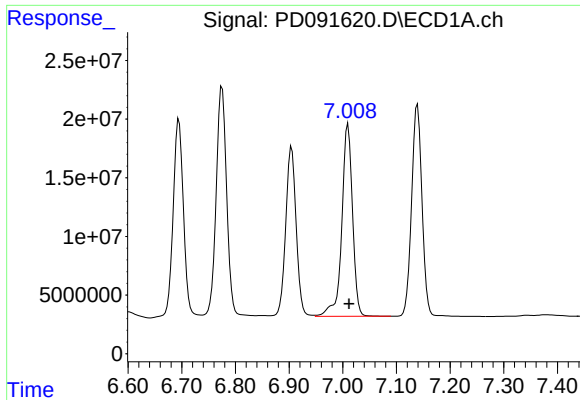
#16 4,4'-DDD

R.T.: 6.695 min  
Delta R.T.: -0.001 min  
Response: 222949432  
Conc: 48.44 ng/ml



#16 4,4'-DDD

R.T.: 5.913 min  
Delta R.T.: 0.000 min  
Response: 2500072048  
Conc: 54.96 ng/ml



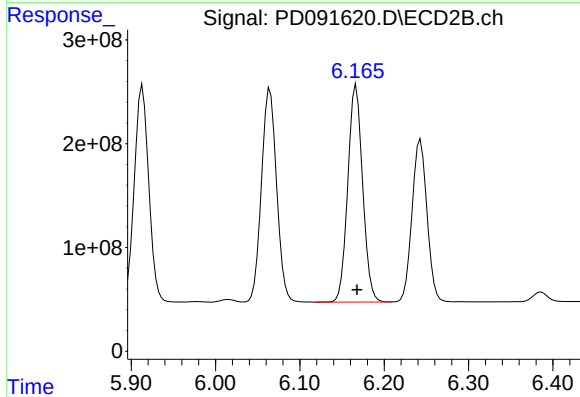
#17 4,4'-DDT

R.T.: 7.010 min  
Delta R.T.: -0.002 min  
Response: 227819528  
Conc: 44.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

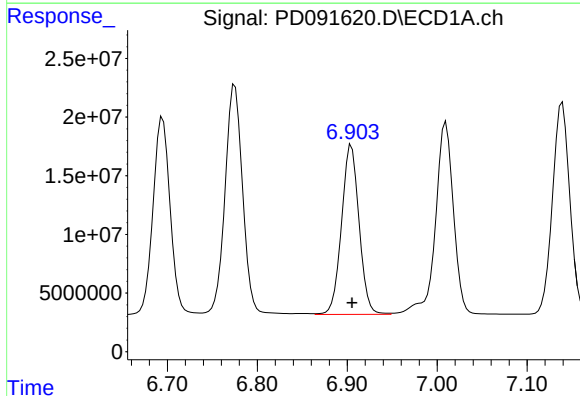
Manual Integrations  
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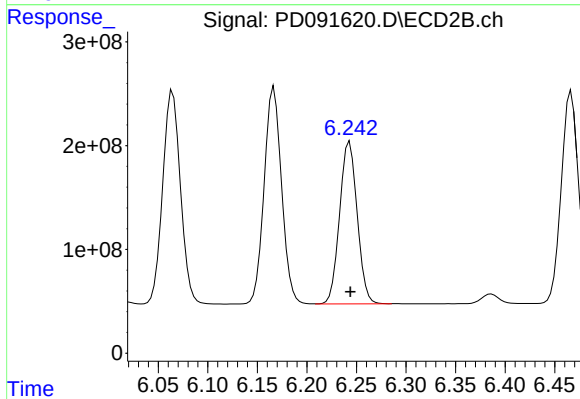
#17 4,4'-DDT

R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 2554921459  
Conc: 53.90 ng/ml



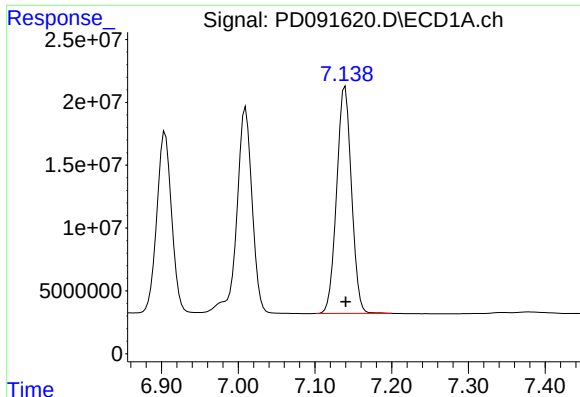
#18 Endrin aldehyde

R.T.: 6.905 min  
Delta R.T.: 0.000 min  
Response: 195852982  
Conc: 46.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 1930650189  
Conc: 54.09 ng/ml



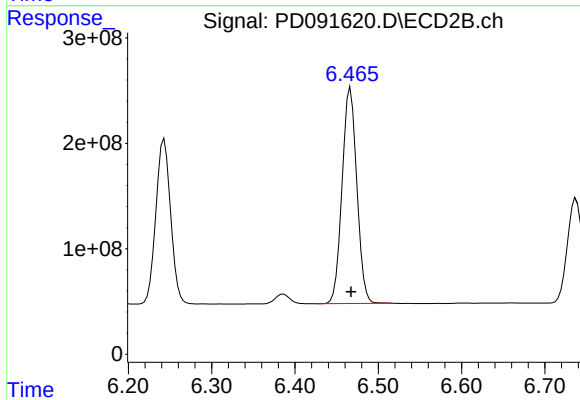
#19 Endosulfan Sulfate

R.T.: 7.139 min  
Delta R.T.: -0.001 min  
Response: 242671874  
Conc: 45.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

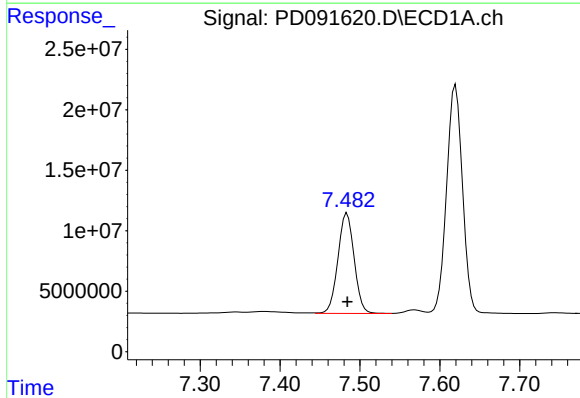
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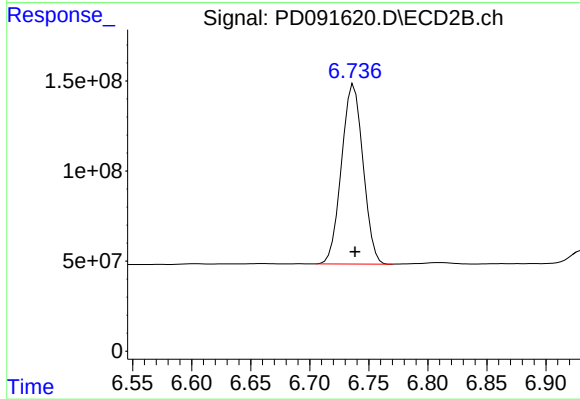
#19 Endosulfan Sulfate

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 2510518853  
Conc: 54.47 ng/ml



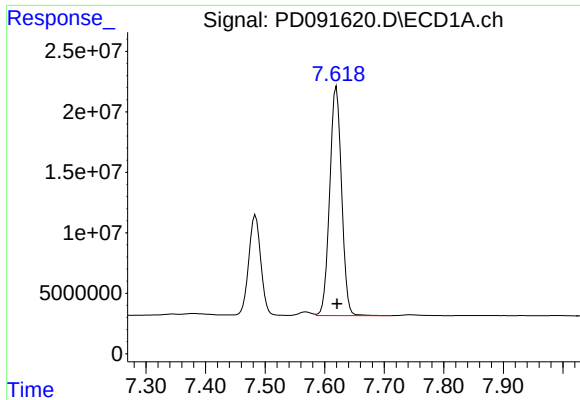
#20 Methoxychlor

R.T.: 7.484 min  
Delta R.T.: 0.000 min  
Response: 117071336  
Conc: 43.55 ng/ml



#20 Methoxychlor

R.T.: 6.737 min  
Delta R.T.: -0.001 min  
Response: 1267585692  
Conc: 53.72 ng/ml



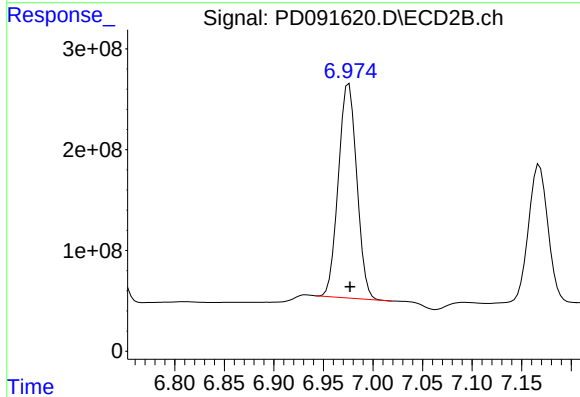
#21 Endrin ketone

R.T.: 7.620 min  
Delta R.T.: -0.001 min  
Response: 262660212  
Conc: 46.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

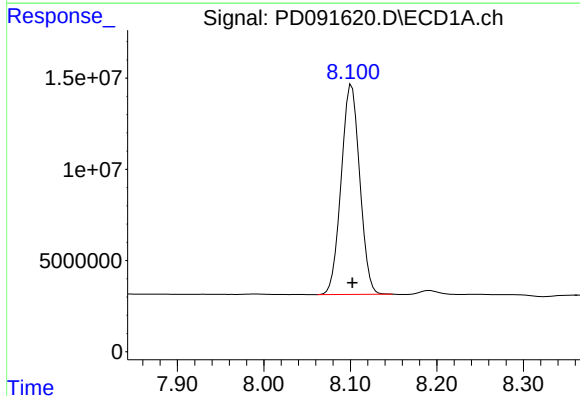
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/17/2025  
Supervised By :Yogesh Patel 12/17/2025



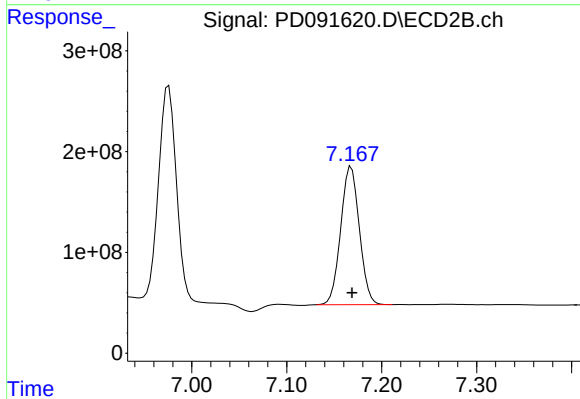
#21 Endrin ketone

R.T.: 6.976 min  
Delta R.T.: -0.001 min  
Response: 2745577544  
Conc: 56.44 ng/ml



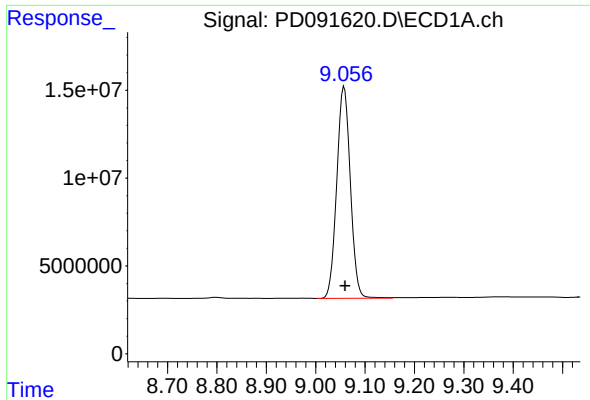
#22 Mirex

R.T.: 8.101 min  
Delta R.T.: 0.000 min  
Response: 170627668  
Conc: 45.92 ng/ml



#22 Mirex

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 1873991747  
Conc: 57.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.002 min  
Response: 231218230  
Conc: 44.48 ng/ml

Instrument :

ECD\_D

ClientSampleId :

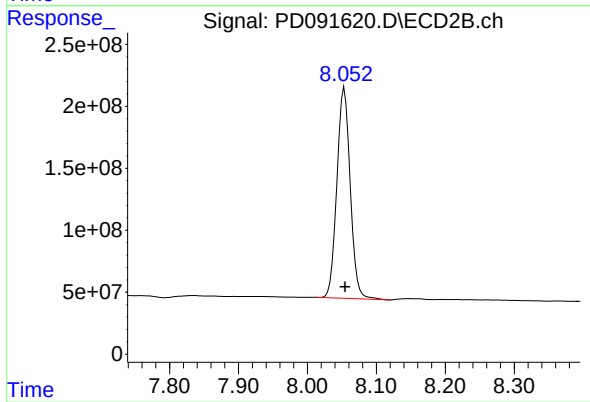
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/17/2025

Supervised By :Yogesh Patel 12/17/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min  
Delta R.T.: -0.001 min  
Response: 2286581301  
Conc: 55.22 ng/ml