

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090880.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 13:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 01:43:30 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	142.5E6	1341.4E6	45.753	45.049
28)	SA Decachlor...	9.070	8.060	209.7E6	1511.2E6	44.837	49.890
Target Compounds							
2)	A alpha-BHC	3.999	3.385	349.0E6	2330.8E6	48.620	45.617
3)	MA gamma-BHC...	4.330	3.721	325.3E6	2137.5E6	47.848	45.240
4)	MA Heptachlor	4.928	4.073	313.6E6	2088.1E6	56.105	46.816
5)	MB Aldrin	5.269	4.359	315.3E6	2099.0E6	48.153	45.316
6)	B beta-BHC	4.516	4.018	122.6E6	937.4E6	46.792m	47.274
7)	B delta-BHC	4.766	4.253	329.0E6	2189.2E6	48.659	45.880
8)	B Heptachlo...	5.688	4.863	282.9E6	1893.0E6	48.868m	44.397
9)	A Endosulfan I	6.073	5.237	267.3E6	1775.1E6	48.285	45.066
10)	B gamma-Chl...	5.945	5.115	287.4E6	2056.8E6	48.455	45.759
11)	B alpha-Chl...	6.025	5.180	304.8E6	1972.7E6	49.314	45.731
12)	B 4,4'-DDE	6.195	5.365	255.3E6	2023.6E6	47.934	46.161
13)	MA Dieldrin	6.345	5.503	284.4E6	2053.3E6	48.772	46.472
14)	MA Endrin	6.573	5.779	229.4E6	1837.3E6	46.311	45.373
15)	B Endosulfa...	6.785	6.071	239.2E6	1781.4E6	47.836	47.435
16)	A 4,4'-DDD	6.705	5.919	214.4E6	1790.1E6	52.874	49.126
17)	MA 4,4'-DDT	7.020	6.173	193.3E6	1598.4E6	47.022	45.574
18)	B Endrin al...	6.914	6.249	179.8E6	1321.0E6	49.092	47.701
19)	B Endosulfa...	7.149	6.473	225.3E6	1717.5E6	48.580	47.916
20)	A Methoxychlor	7.493	6.744	99502426	817.1E6	46.812	46.883
21)	B Endrin ke...	7.629	6.982	246.6E6	1940.4E6	50.759	51.446
22)	Mirex	8.111	7.174	155.5E6	1297.5E6	48.595	50.504

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 13:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

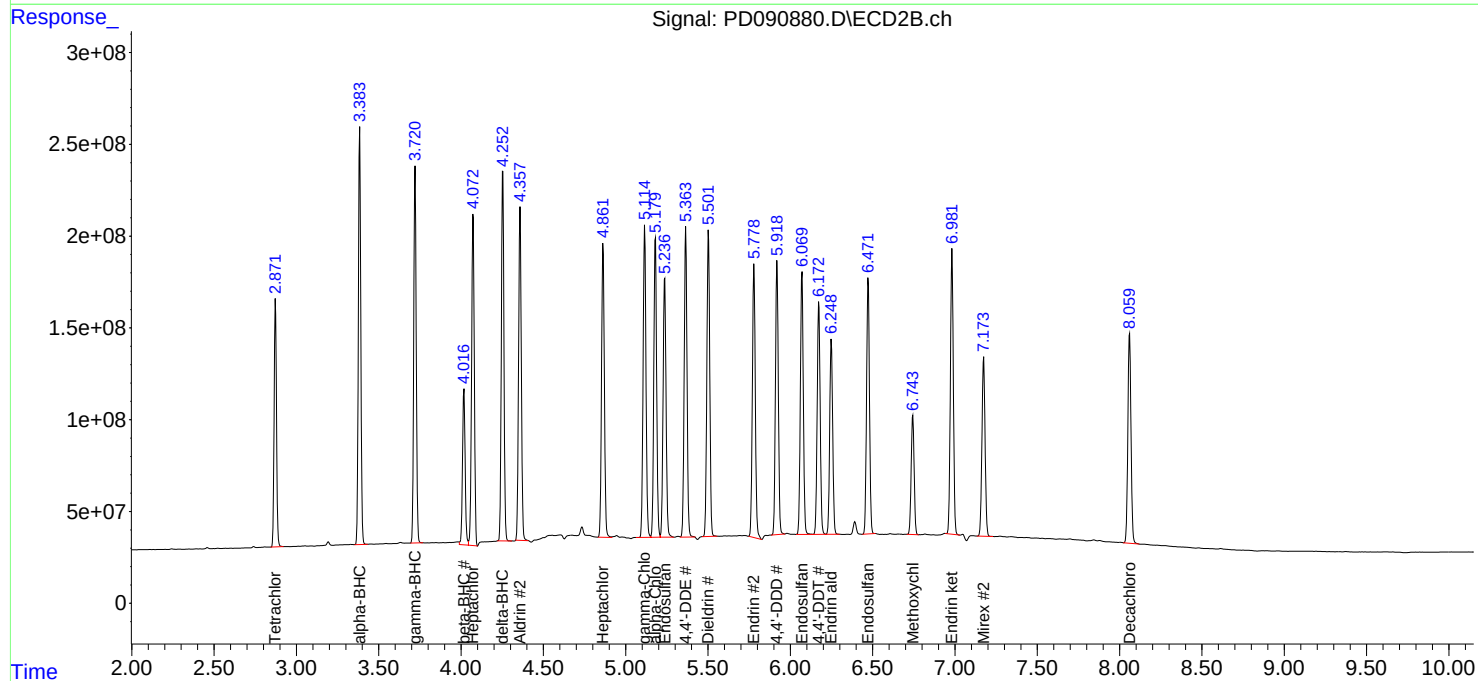
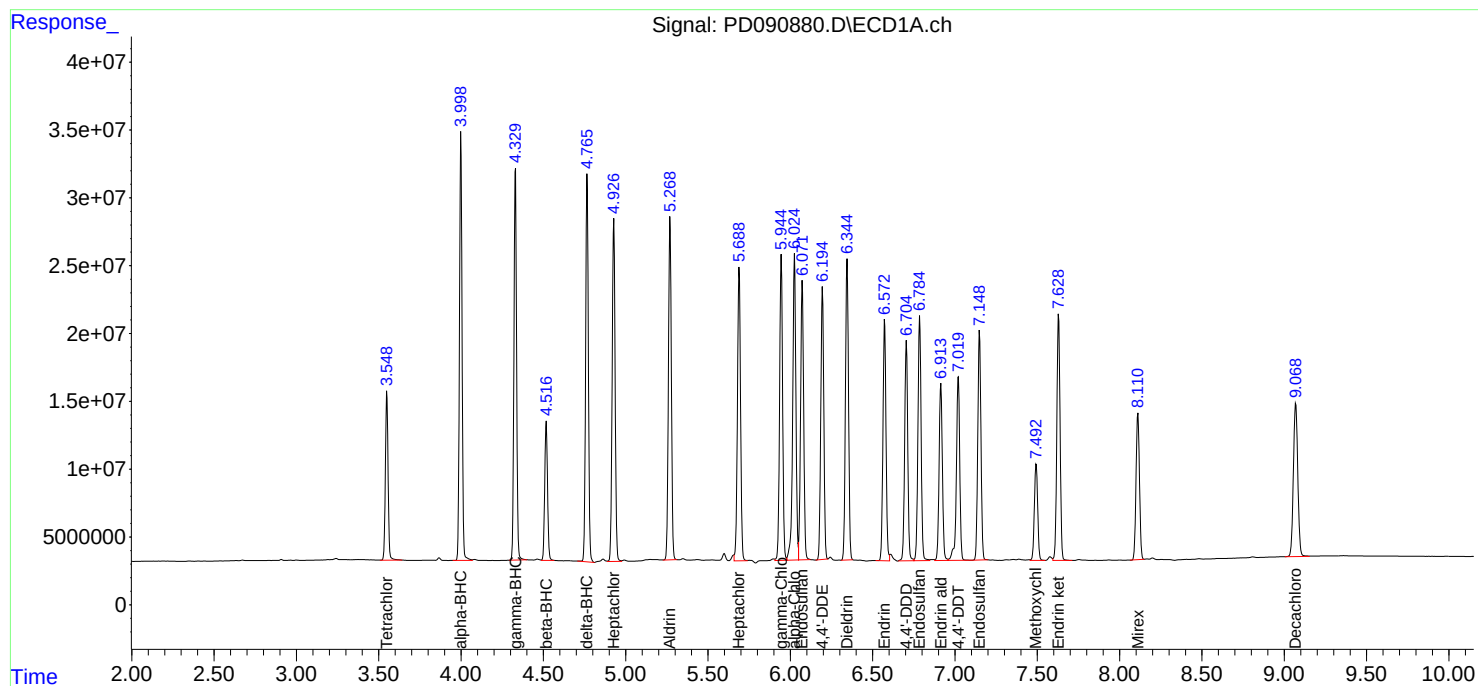
APPROVED

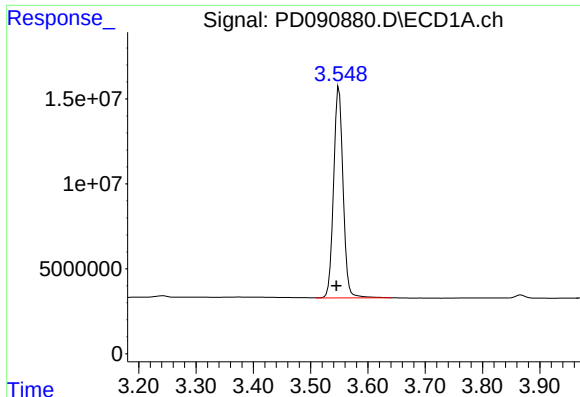
Reviewed By :Abdul Mirza 10/29/2025

Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:43:30 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: 142482761
Conc: 45.75 ng/ml

Instrument :

ECD_D

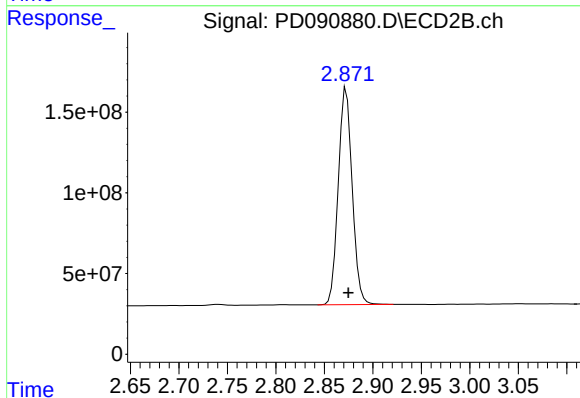
ClientSampleId :

PSTDCCC050

Manual Integrations

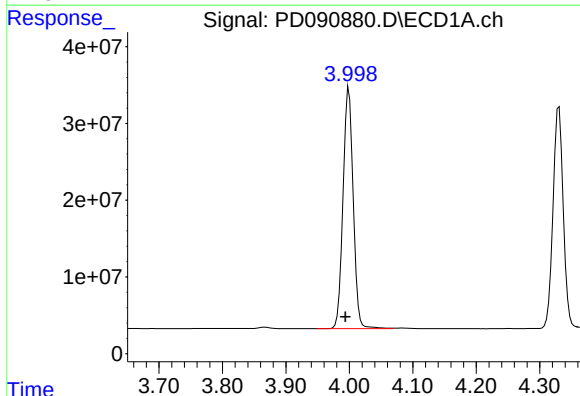
APPROVED

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



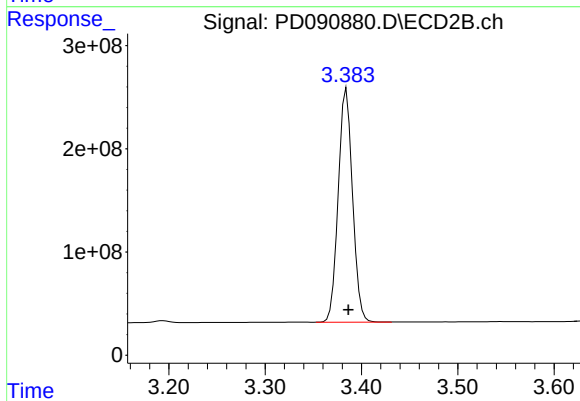
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 1341429860
Conc: 45.05 ng/ml



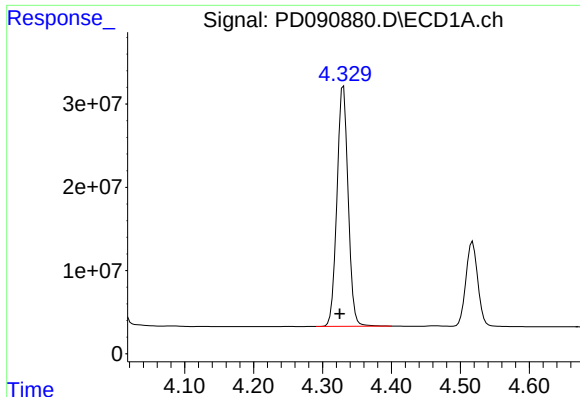
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 348950476
Conc: 48.62 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2330838400
Conc: 45.62 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 325307142
Conc: 47.85 ng/ml

Instrument :

ECD_D

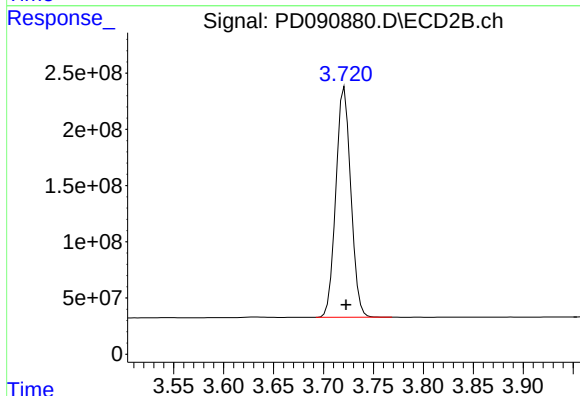
ClientSampleId :

PSTDCCC050

Manual Integrations

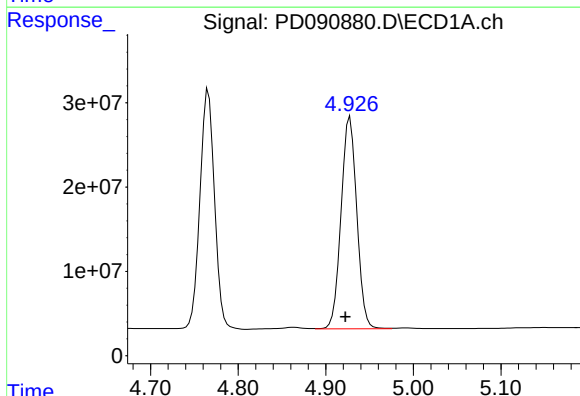
APPROVED

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



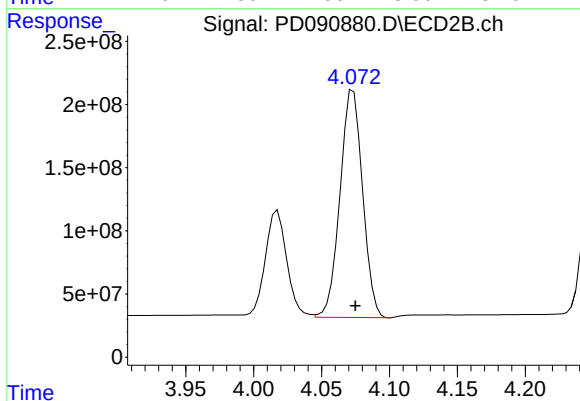
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2137540915
Conc: 45.24 ng/ml



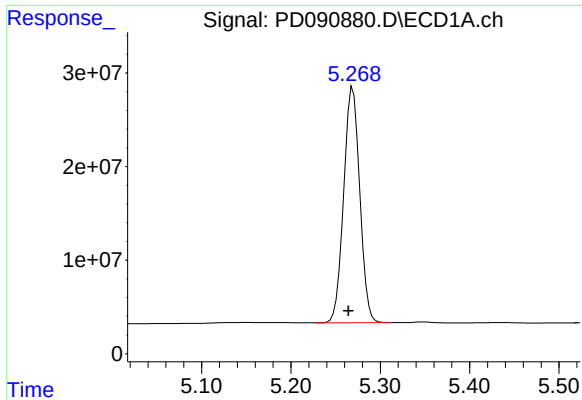
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.005 min
Response: 313600156
Conc: 56.10 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2088148119
Conc: 46.82 ng/ml



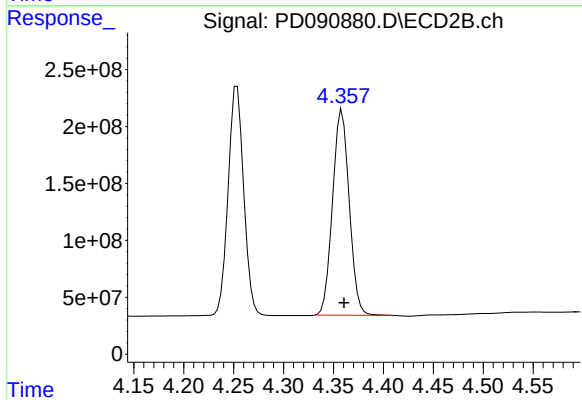
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.005 min
Response: 315272222
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

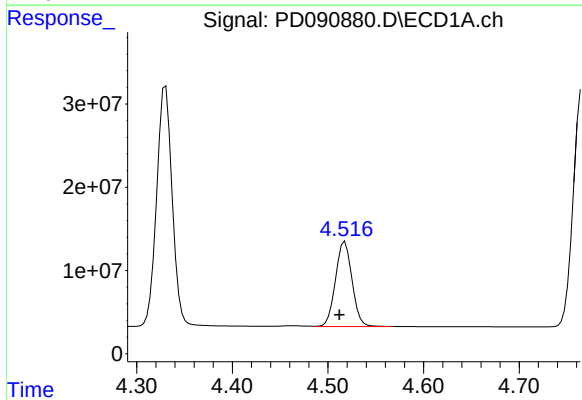
Manual Integrations
APPROVED

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



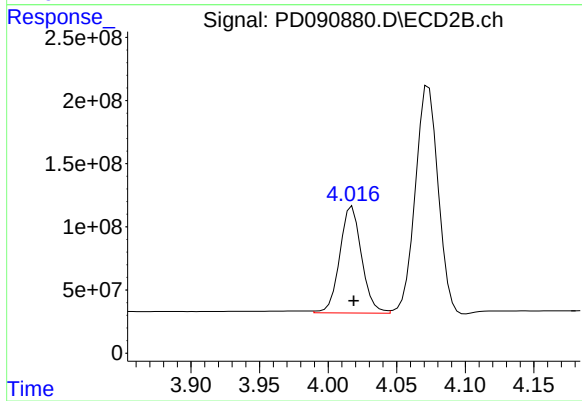
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2098980398
Conc: 45.32 ng/ml



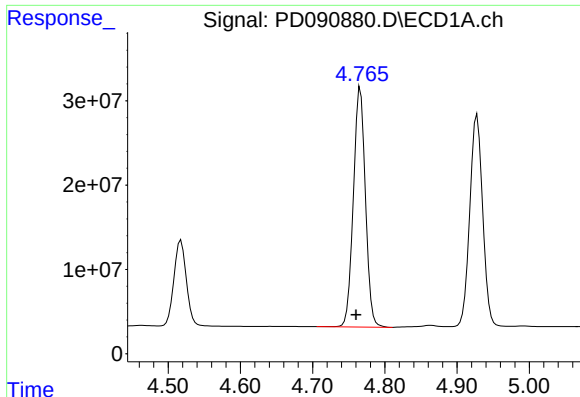
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.004 min
Response: 122578640
Conc: 46.79 ng/ml m



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 937421392
Conc: 47.27 ng/ml



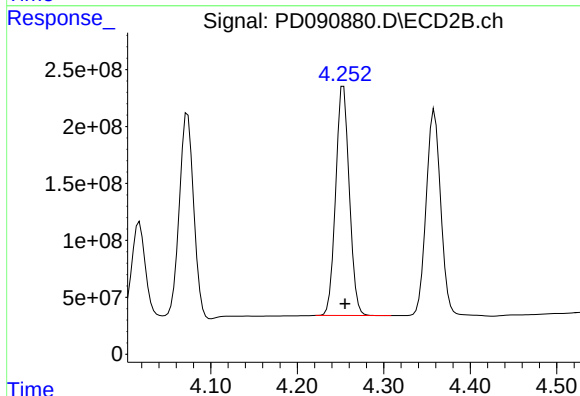
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 329021806
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

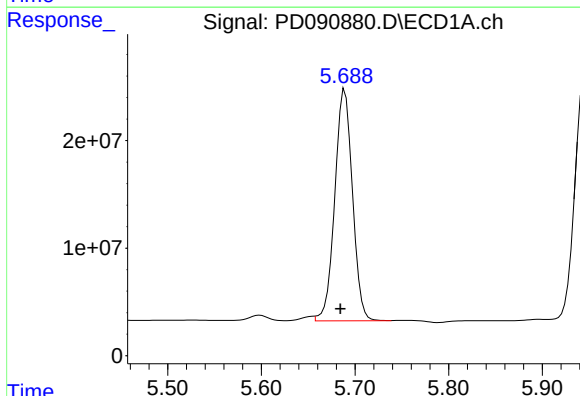
Manual Integrations
APPROVED

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



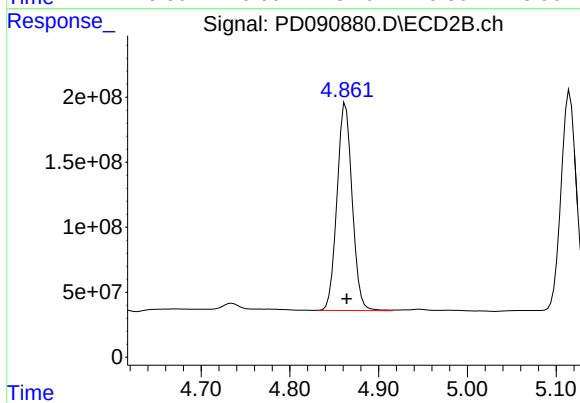
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2189232443
Conc: 45.88 ng/ml



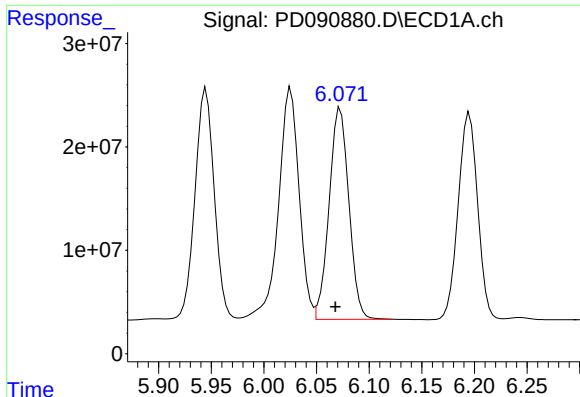
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 282901274
Conc: 48.87 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 1893028546
Conc: 44.40 ng/ml



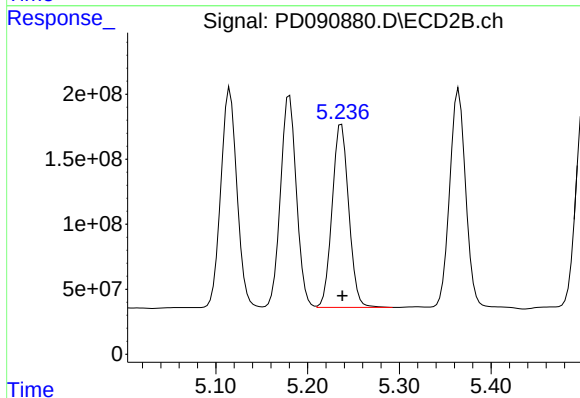
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.005 min
Response: 267336617
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

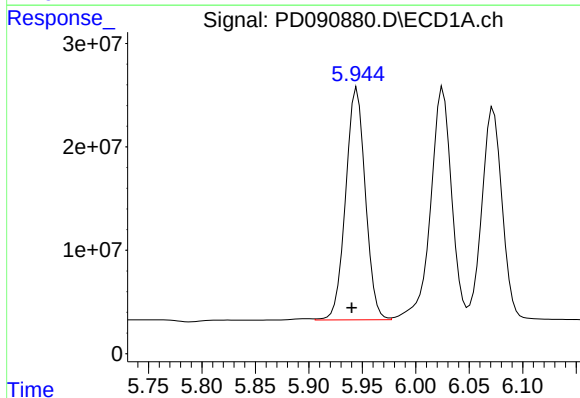
Manual Integrations
APPROVED

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



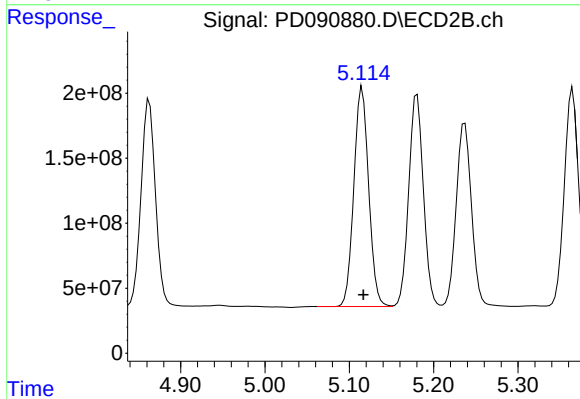
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1775147669
Conc: 45.07 ng/ml



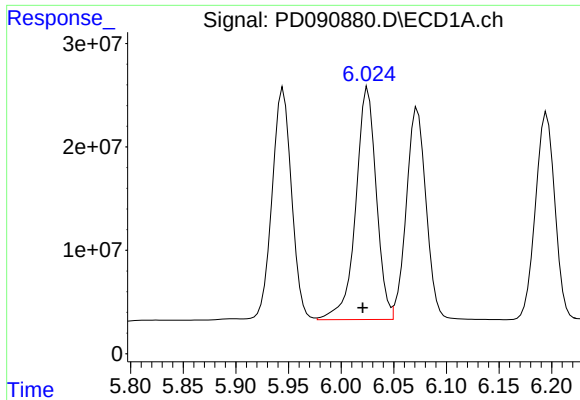
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.005 min
Response: 287392358
Conc: 48.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2056804121
Conc: 45.76 ng/ml



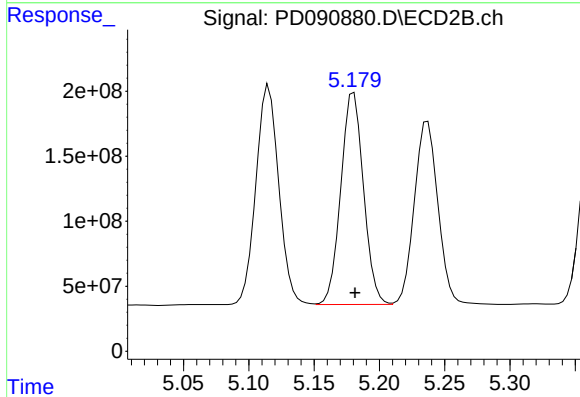
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.005 min
Response: 304773481
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

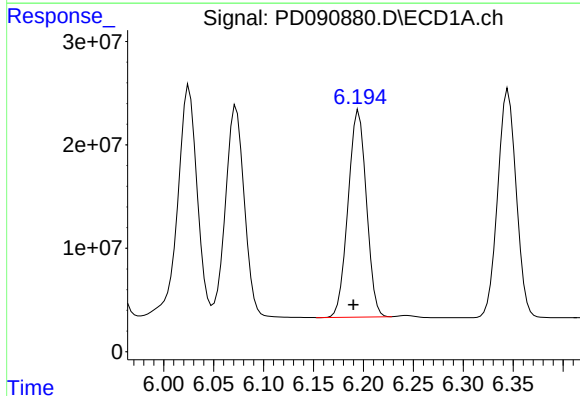
Manual Integrations
APPROVED

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



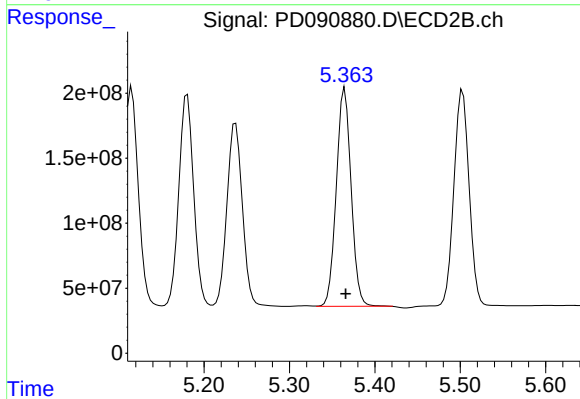
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 1972723077
Conc: 45.73 ng/ml



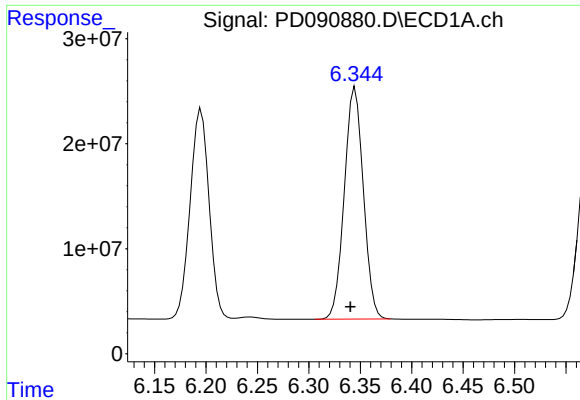
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.005 min
Response: 255326166
Conc: 47.93 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2023628095
Conc: 46.16 ng/ml



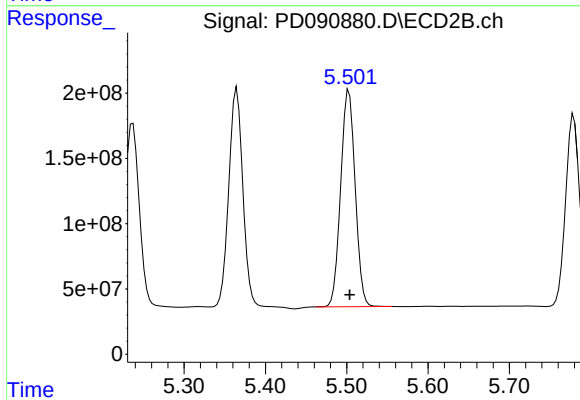
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 284407990
Conc: 48.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

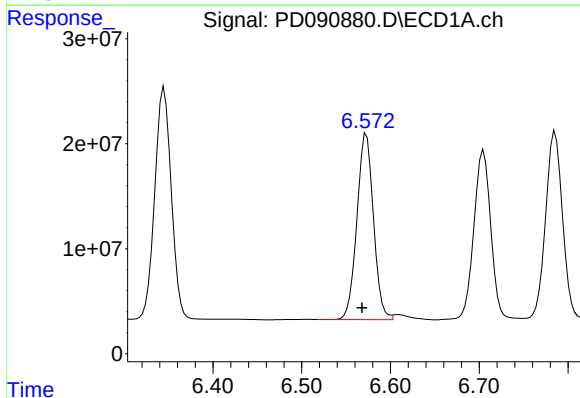
Manual Integrations
APPROVED

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



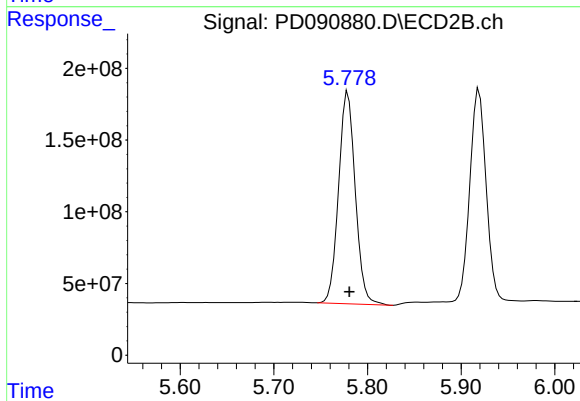
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2053314979
Conc: 46.47 ng/ml



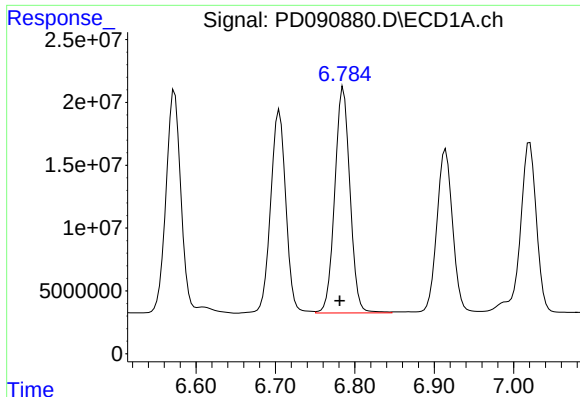
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.005 min
Response: 229410708
Conc: 46.31 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1837321071
Conc: 45.37 ng/ml



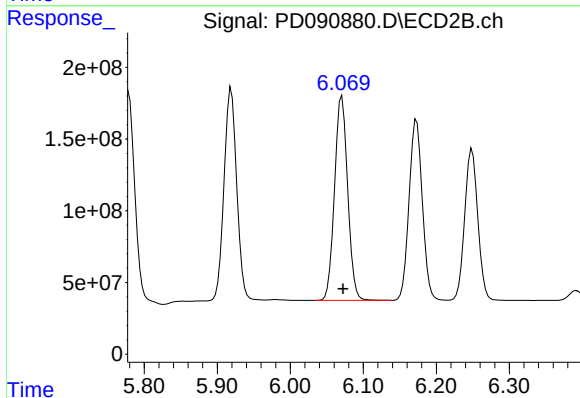
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.005 min
Response: 239178497
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

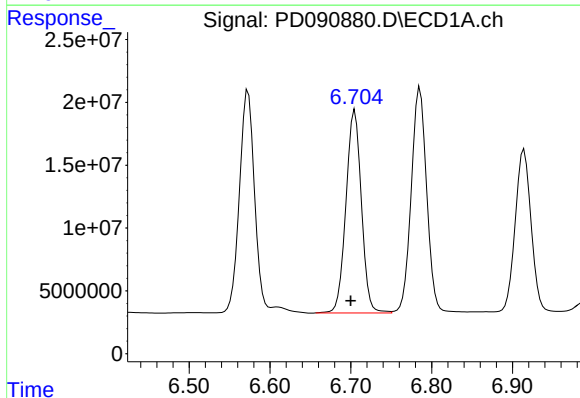
Manual Integrations
APPROVED

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



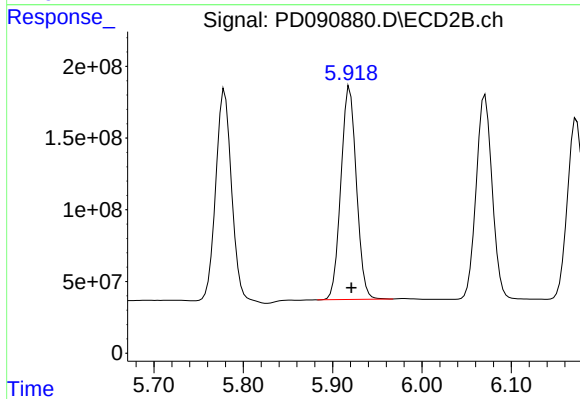
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1781437454
Conc: 47.43 ng/ml



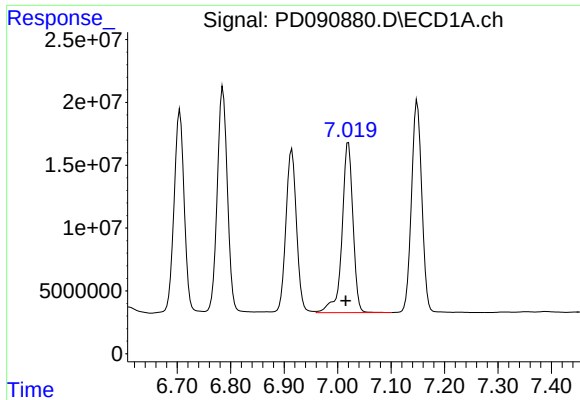
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.005 min
Response: 214360846
Conc: 52.87 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1790072144
Conc: 49.13 ng/ml



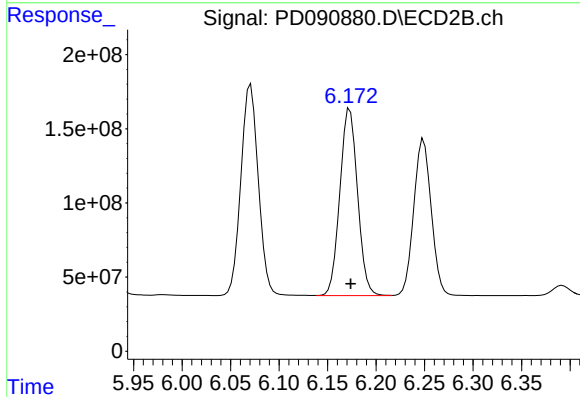
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.005 min
Response: 193281254
Conc: 47.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

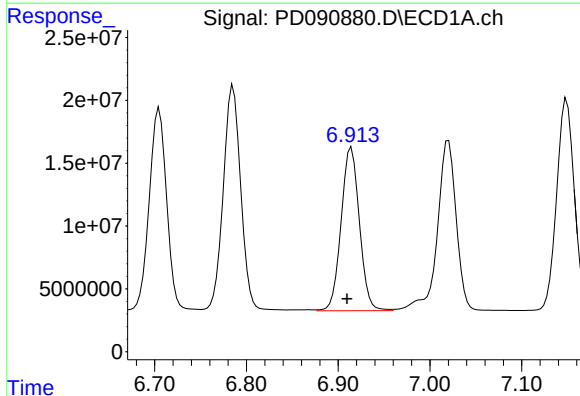
Manual Integrations
APPROVED

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



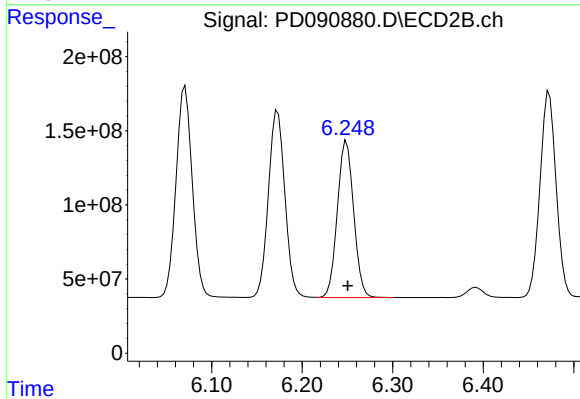
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1598410354
Conc: 45.57 ng/ml



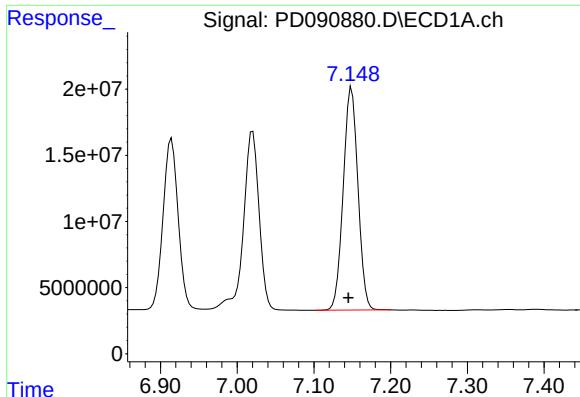
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.005 min
Response: 179807789
Conc: 49.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1320964639
Conc: 47.70 ng/ml



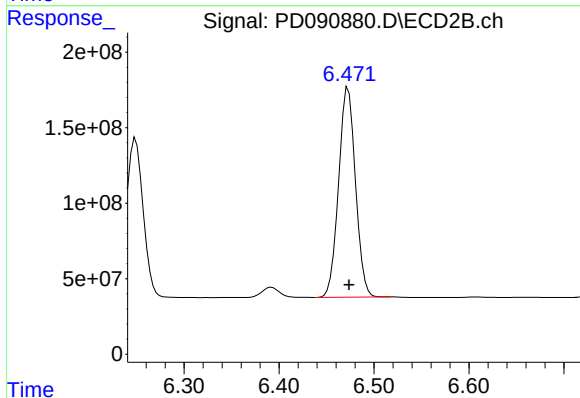
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.004 min
Response: 225325170
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

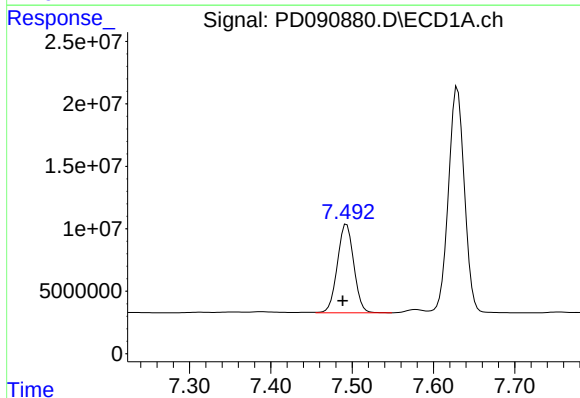
Manual Integrations
APPROVED

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



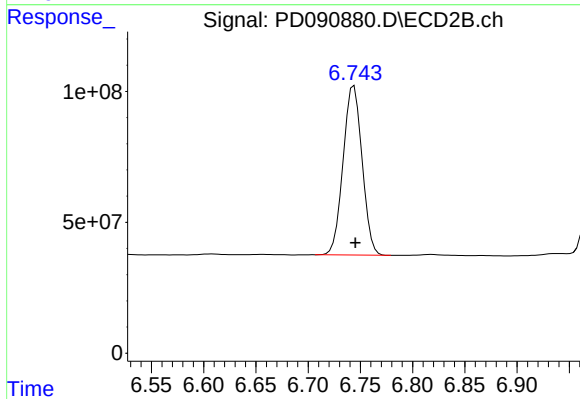
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1717535859
Conc: 47.92 ng/ml



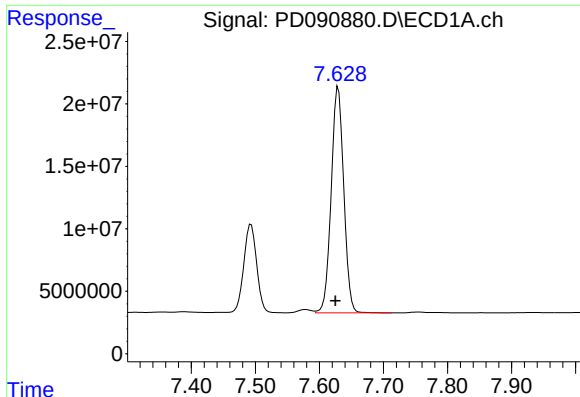
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 99502426
Conc: 46.81 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 817060739
Conc: 46.88 ng/ml



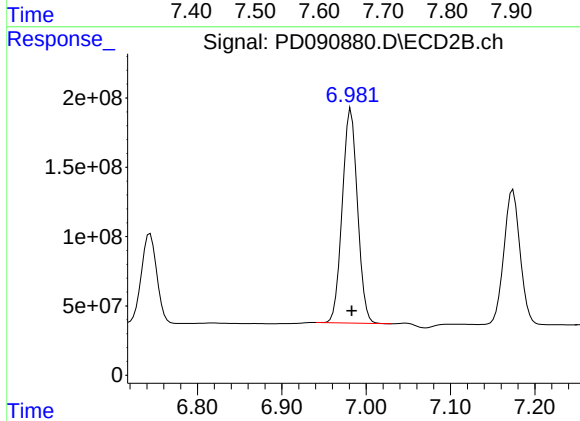
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.005 min
Response: 246628944
Conc: 50.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

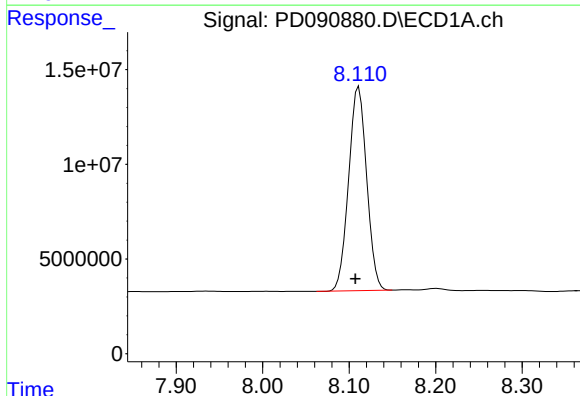
Manual Integrations
APPROVED

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



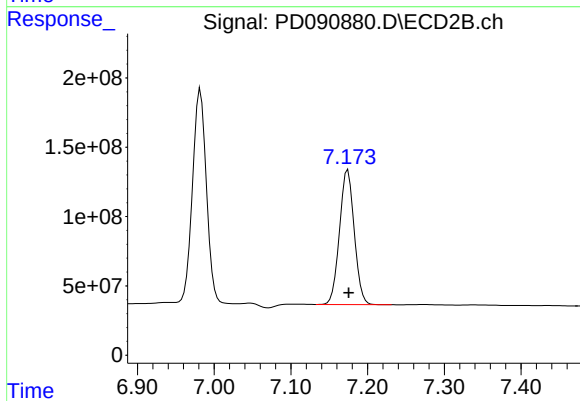
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 1940426405
Conc: 51.45 ng/ml



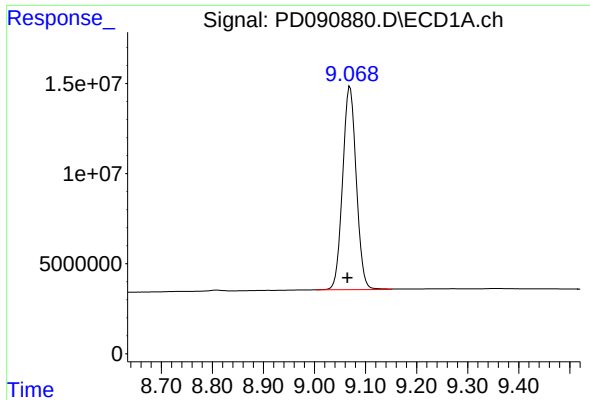
#22 Mirex

R.T.: 8.111 min
Delta R.T.: 0.004 min
Response: 155544657
Conc: 48.59 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1297488305
Conc: 50.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.005 min
Response: 209746676
Conc: 44.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

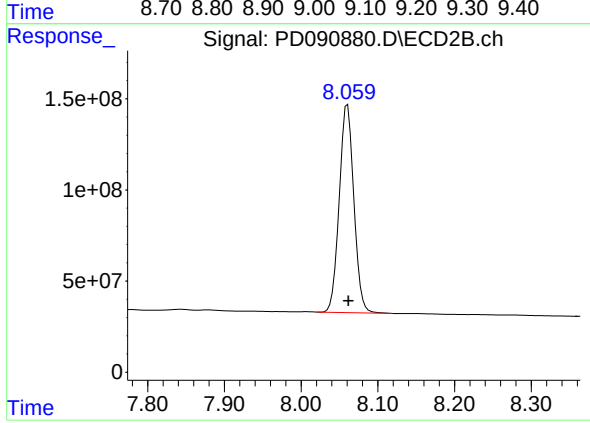
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2025

Supervised By :Sohil Jodhani 10/29/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 1511236576
Conc: 49.89 ng/ml