

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121225\
 Data File : PD091578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2025 15:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2025
 Supervised By : Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 02:49:04 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	163.1E6	2062.8E6	46.950	52.351
2) SA Decachlor...	9.061	8.055	230.6E6	2308.5E6	44.370	55.745 #
Target Compounds						
2) A alpha-BHC	3.989	3.381	385.7E6	3621.7E6	47.912	53.125
3) MA gamma-BHC...	4.320	3.717	359.2E6	3319.0E6	47.798	59.026
4) MA Heptachlor	4.918	4.068	350.0E6	3188.7E6	49.296	54.710
5) MB Aldrin	5.259	4.352	345.1E6	3252.9E6	49.597	56.097m
6) B beta-BHC	4.508	4.013	136.4E6	1335.7E6	47.252	55.749
7) B delta-BHC	4.755	4.249	354.9E6	3339.2E6	59.324m	55.759
8) B Heptachlo...	5.680	4.858	314.7E6	2874.5E6	50.824	56.812
9) A Endosulfan I	6.064	5.231	290.4E6	2225.5E6	47.531	45.428
10) B gamma-Chl...	5.936	5.110	310.9E6	3199.2E6	48.747	57.312
11) B alpha-Chl...	6.016	5.175	311.4E6	3033.8E6	46.360	56.653
12) B 4,4'-DDE	6.186	5.358	269.7E6	3077.1E6	46.424	56.143m
13) MA Dieldrin	6.336	5.497	309.1E6	3110.5E6	47.510	56.082
14) MA Endrin	6.563	5.773	260.3E6	3077.8E6	46.406m	58.873m#
15) B Endosulfa...	6.776	6.064	251.7E6	2672.1E6	41.388m	56.715m#
16) A 4,4'-DDD	6.697	5.914	233.9E6	2596.3E6	50.807	57.077
17) MA 4,4'-DDT	7.012	6.168	233.1E6	2653.0E6	45.208	55.973
18) B Endrin al...	6.906	6.244	198.7E6	1974.2E6	47.570	55.312
19) B Endosulfa...	7.141	6.467	240.0E6	2568.1E6	45.456	55.714
20) A Methoxychlor	7.485	6.738	121.7E6	1276.3E6	45.271	54.084
21) B Endrin ke...	7.622	6.976	262.1E6	2698.4E6	46.519	55.474
22) Mirex	8.104	7.169	168.6E6	1906.1E6	45.372	58.157 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121225\
Data File : PD091578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2025 15:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

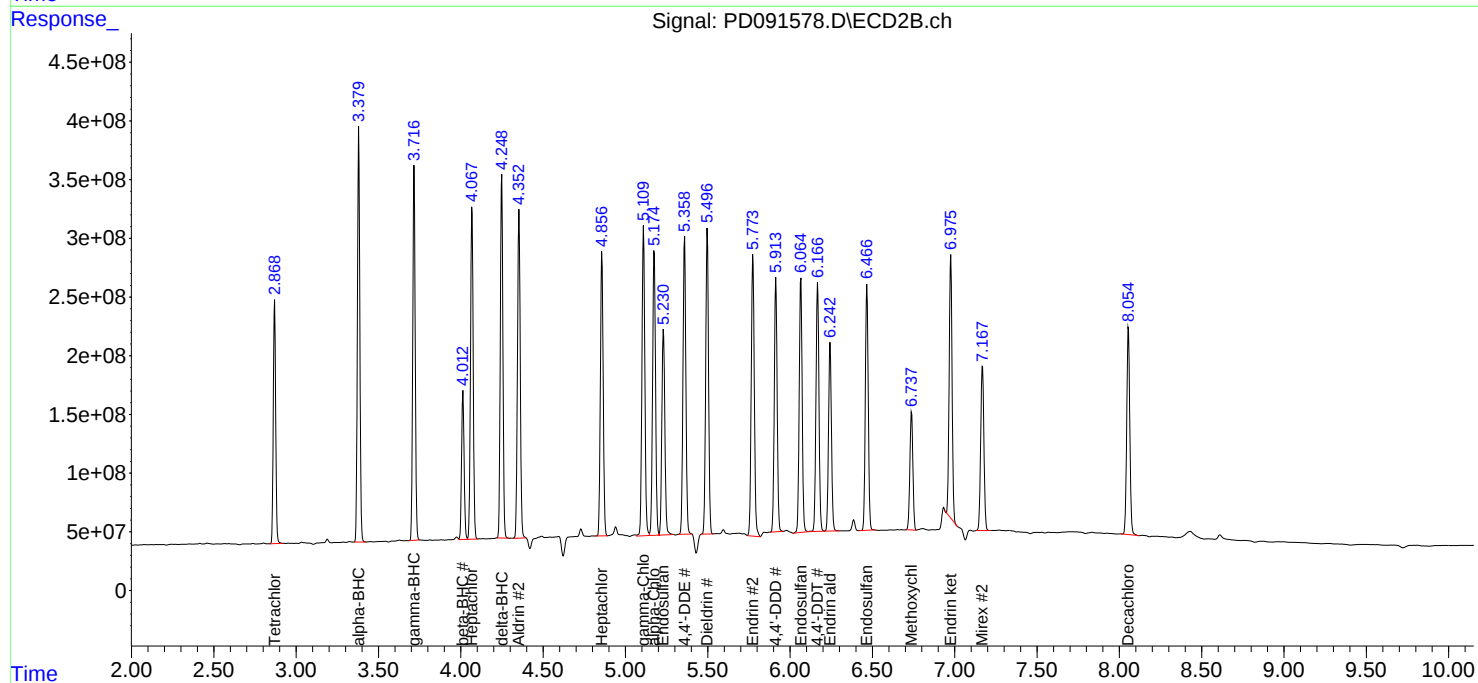
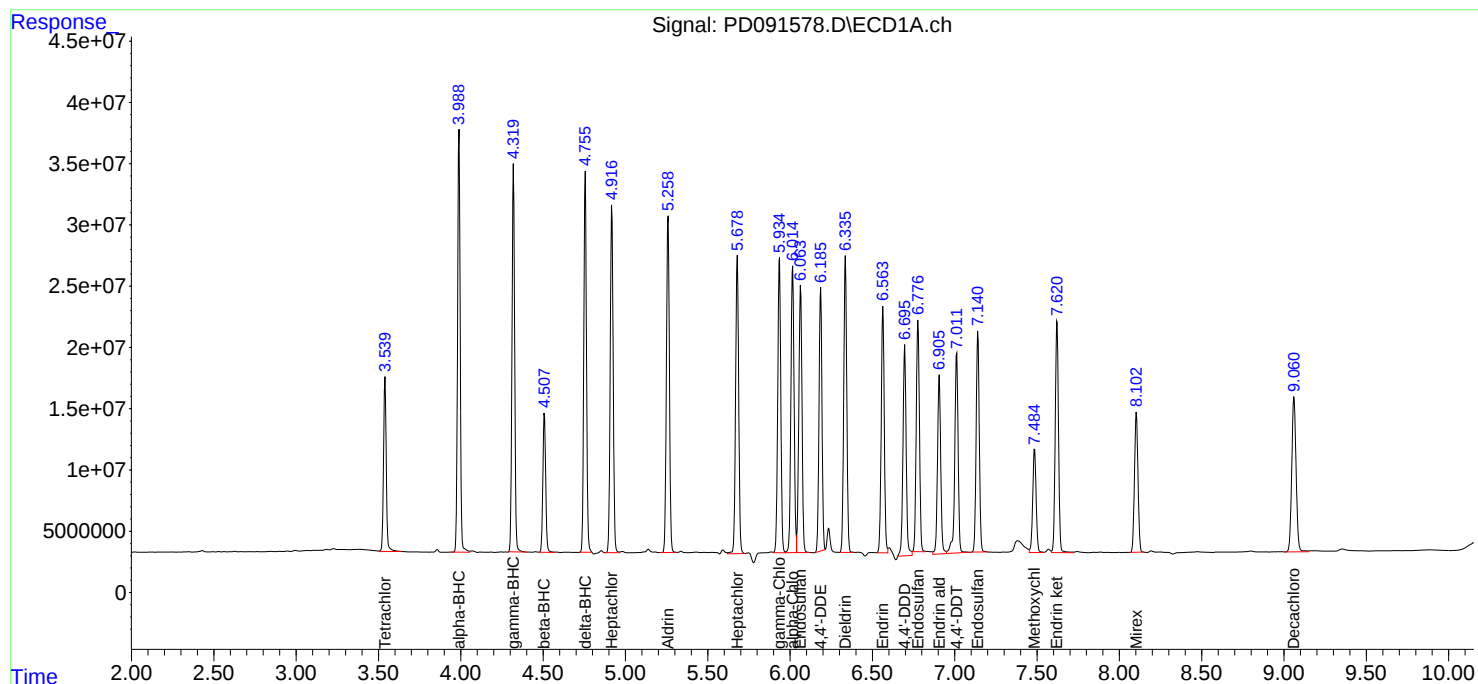
Manual Integrations

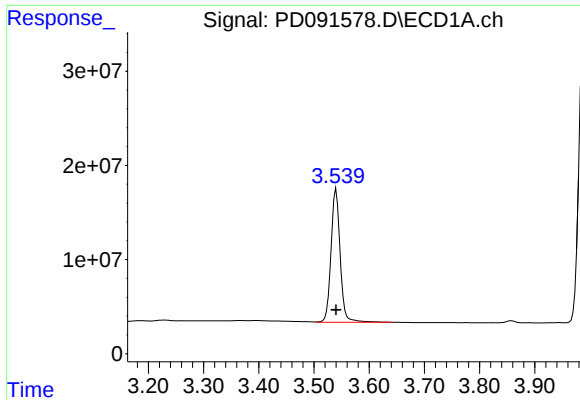
APPROVED

Reviewed By :Abdul Mirza 12/15/2025
Supervised By :Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 02:49:04 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: 163071619
Conc: 46.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

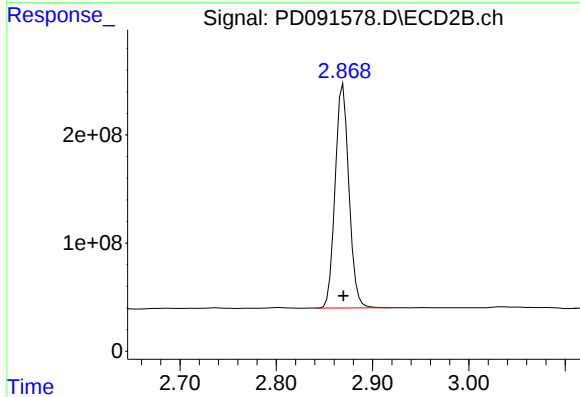
PSTDCCC050

Manual Integrations

APPROVED

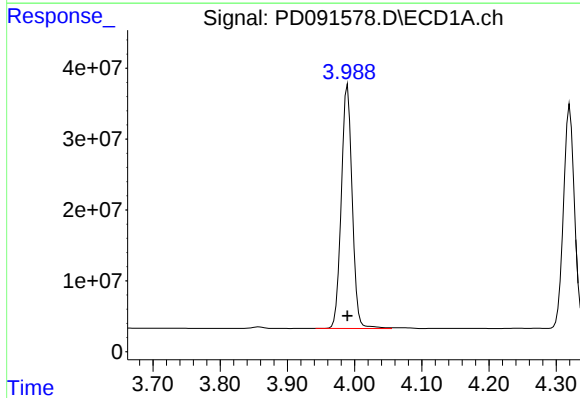
Reviewed By :Abdul Mirza 12/15/2025

Supervised By :Yogesh Patel 12/15/2025



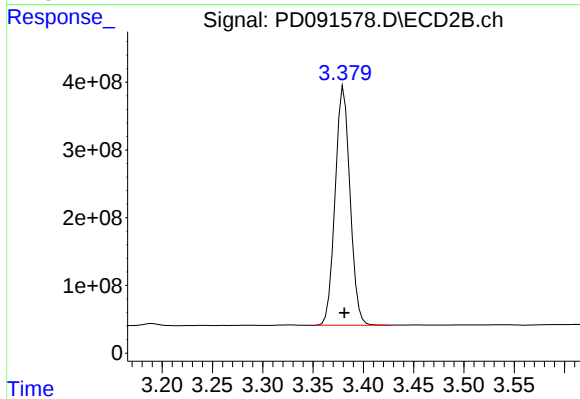
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 2062810285
Conc: 52.35 ng/ml



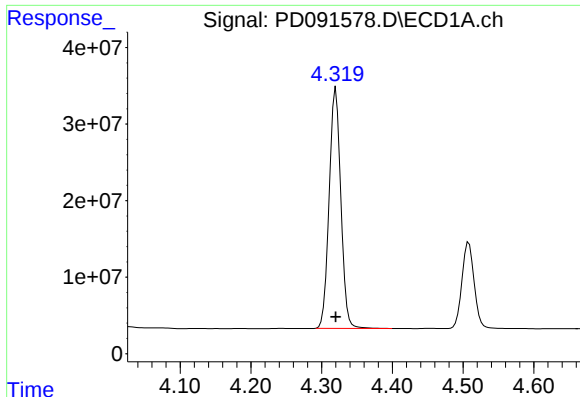
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 385731362
Conc: 47.91 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3621741449
Conc: 53.13 ng/ml



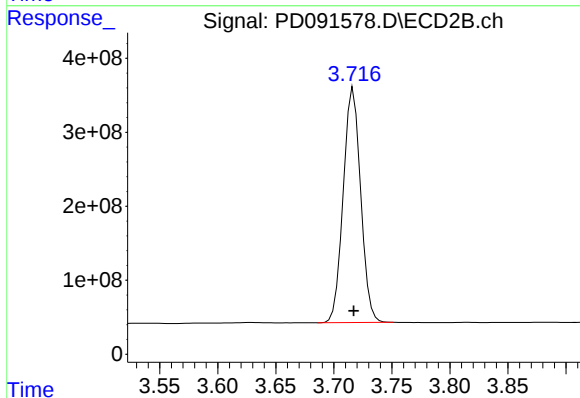
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 359232904
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

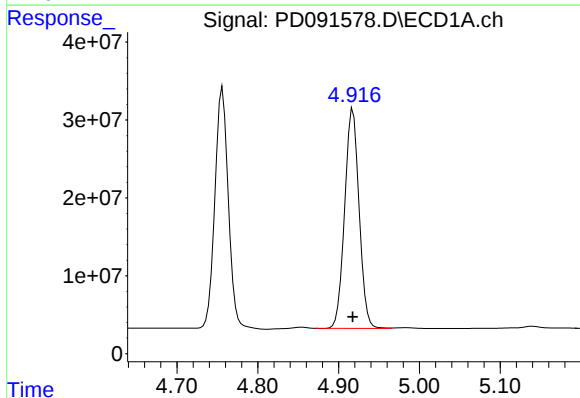
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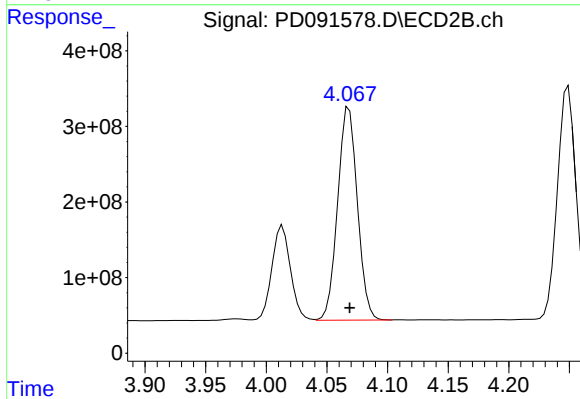
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3318987208
Conc: 59.03 ng/ml



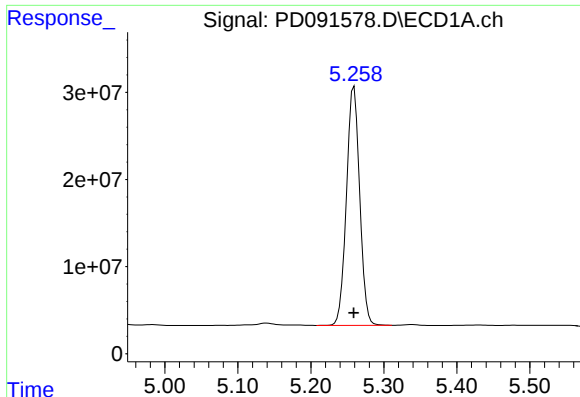
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 349950394
Conc: 49.30 ng/ml



#4 Heptachlor

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 3188715891
Conc: 54.71 ng/ml



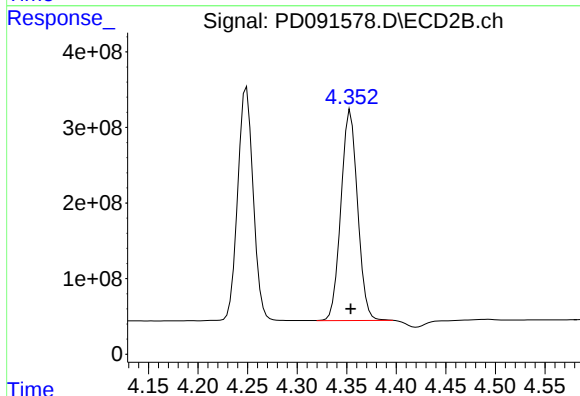
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 345088399
Conc: 49.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

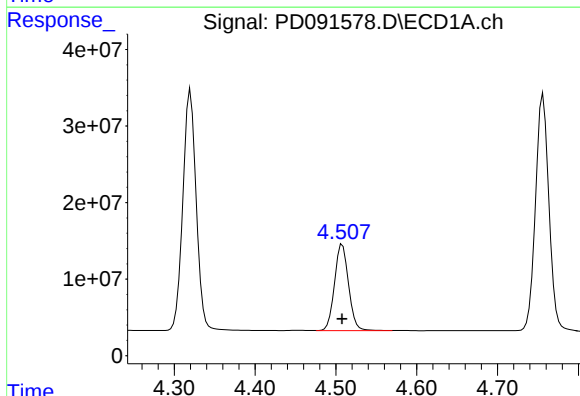
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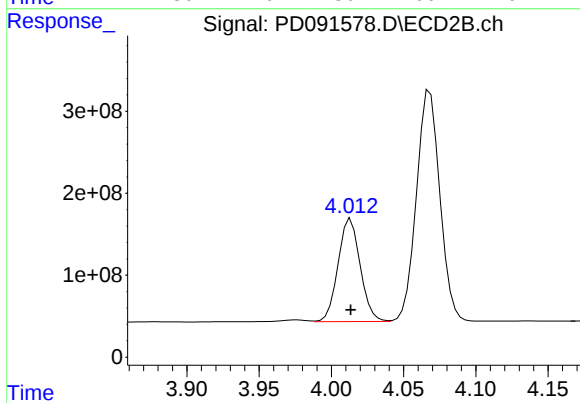
#5 Aldrin

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 3252869938
Conc: 56.10 ng/ml m



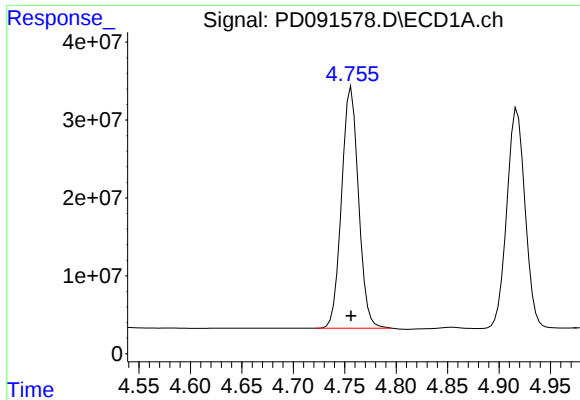
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 136419053
Conc: 47.25 ng/ml



#6 beta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1335688085
Conc: 55.75 ng/ml



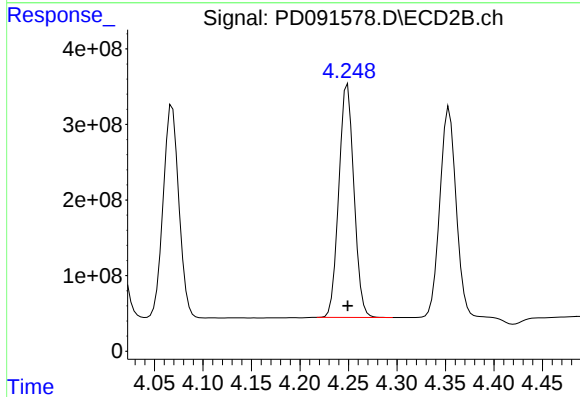
#7 delta-BHC

R.T.: 4.755 min
Delta R.T.: -0.001 min
Response: 354892380
Conc: 59.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

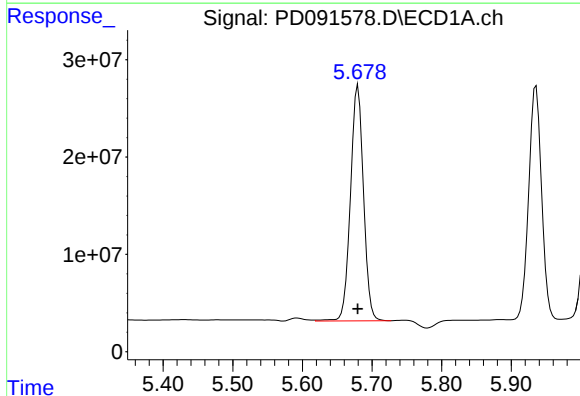
Manual Integrations
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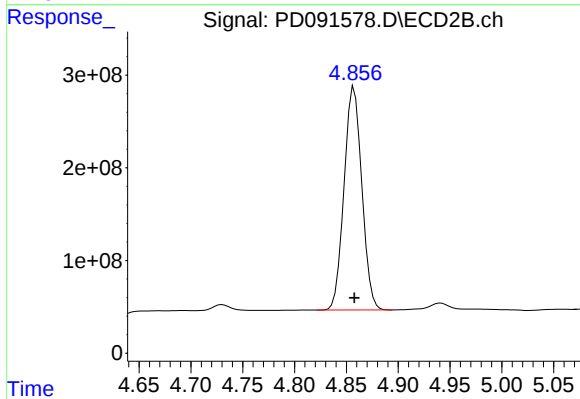
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 3339236345
Conc: 55.76 ng/ml



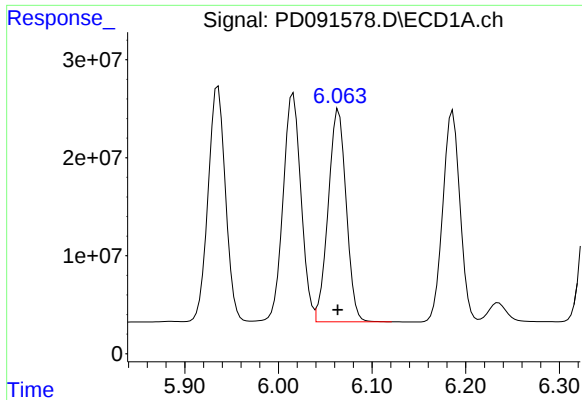
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 314721385
Conc: 50.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2874509019
Conc: 56.81 ng/ml



#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 290403508
Conc: 47.53 ng/ml

Instrument :

ECD_D

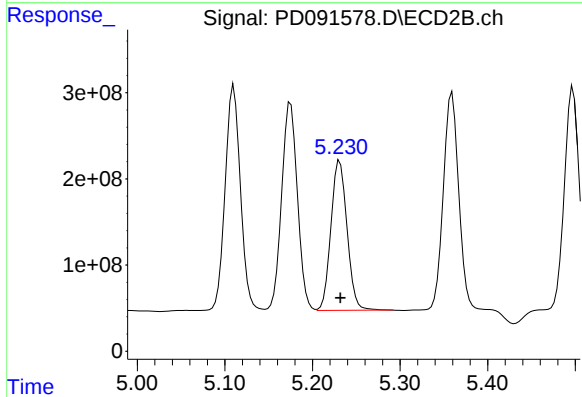
ClientSampleId :

PSTDCCC050

Manual Integrations

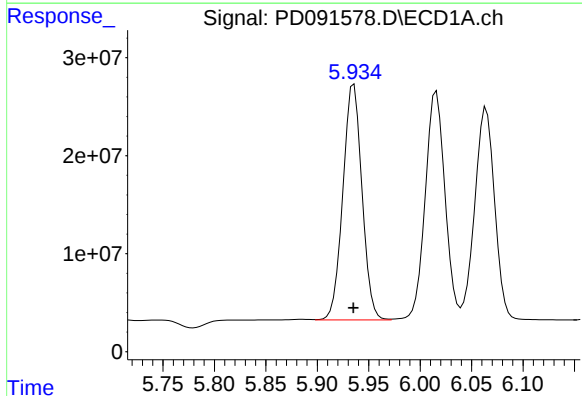
APPROVED

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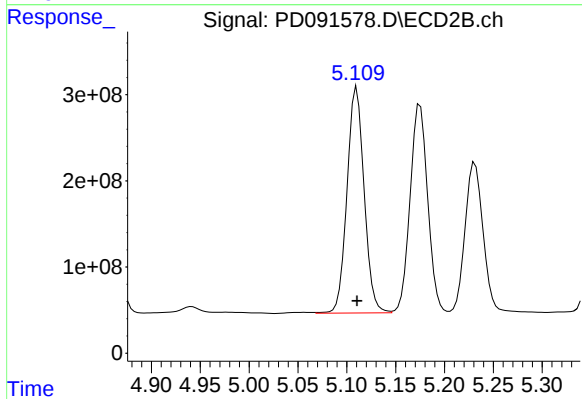
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2225471449
Conc: 45.43 ng/ml



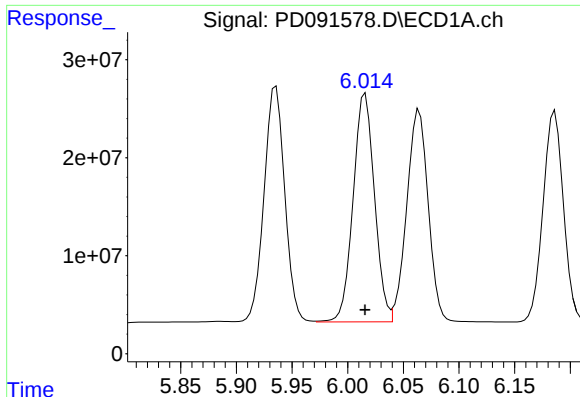
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 310857486
Conc: 48.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 3199195317
Conc: 57.31 ng/ml



#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 311360967
Conc: 46.36 ng/ml

Instrument :

ECD_D

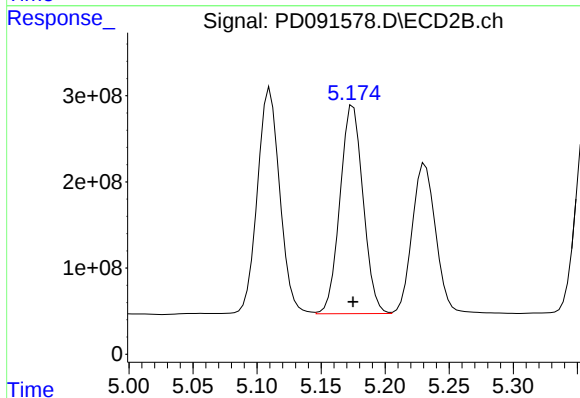
ClientSampleId :

PSTDCCC050

Manual Integrations

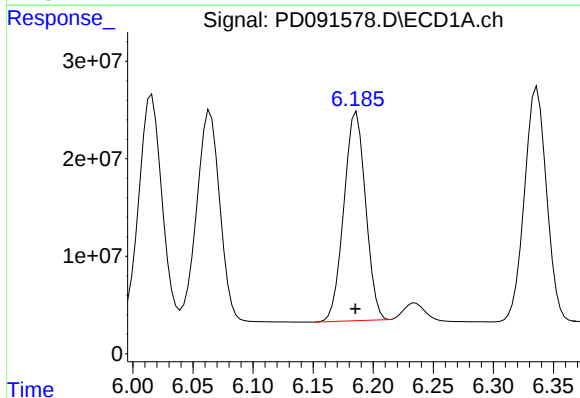
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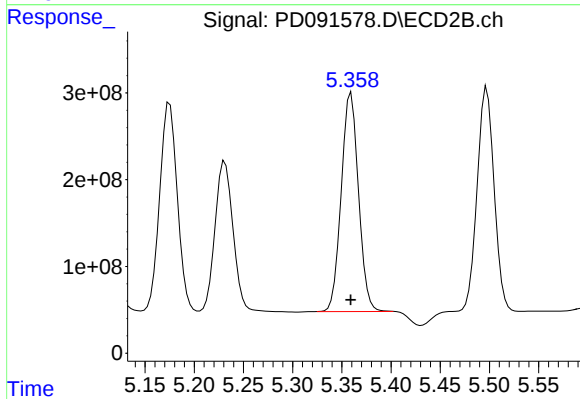
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 3033839196
Conc: 56.65 ng/ml



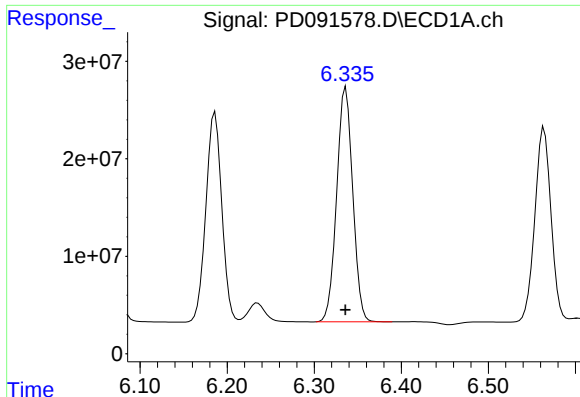
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 269692990
Conc: 46.42 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 3077082910
Conc: 56.14 ng/ml m



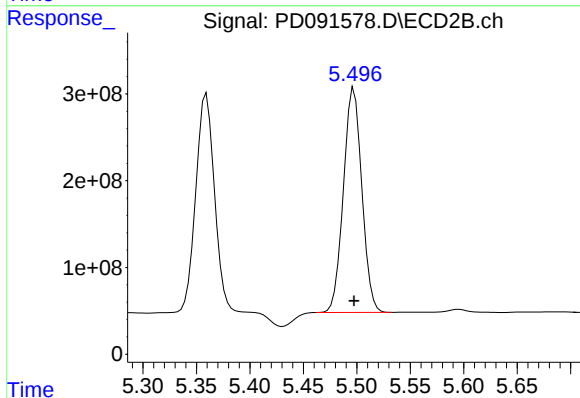
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 309136421
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

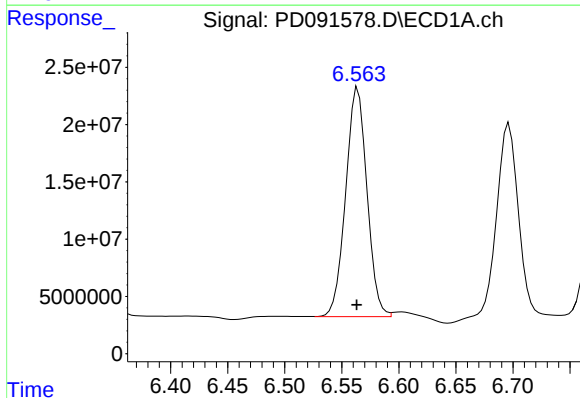
Manual Integrations
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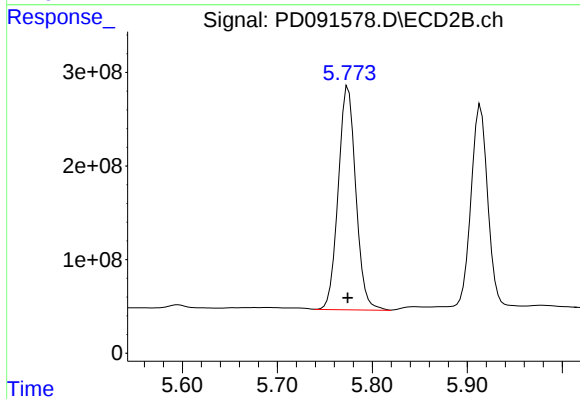
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 3110546054
Conc: 56.08 ng/ml



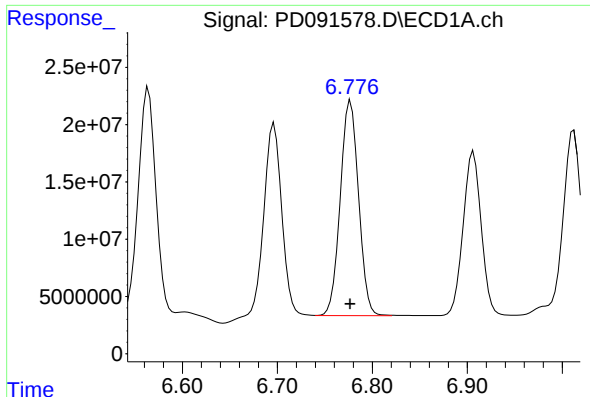
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 260255822
Conc: 46.41 ng/ml m



#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 3077759524
Conc: 58.87 ng/ml m



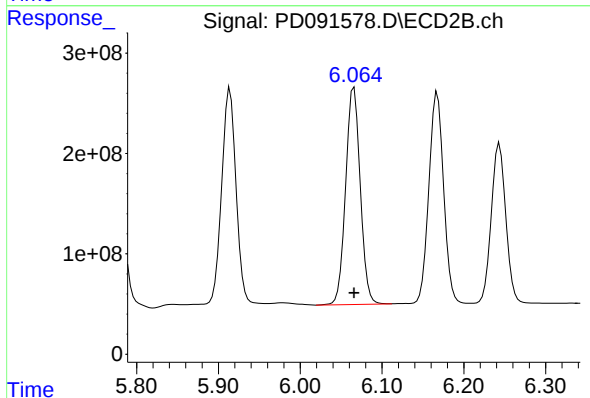
#15 Endosulfan II

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 251670859
Conc: 41.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

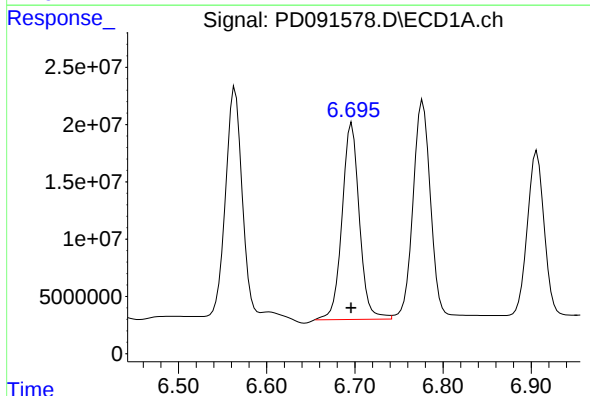
Manual Integrations
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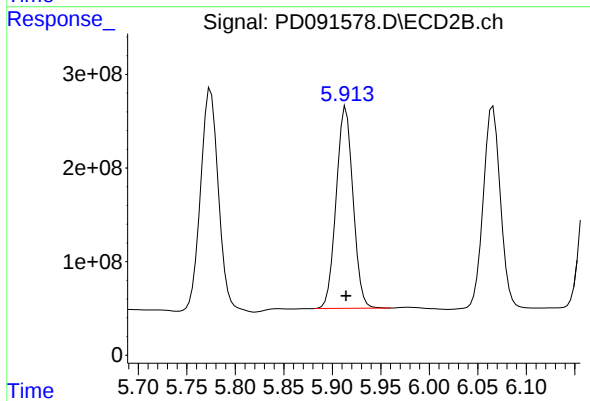
#15 Endosulfan II

R.T.: 6.064 min
Delta R.T.: -0.001 min
Response: 2672079117
Conc: 56.71 ng/ml m



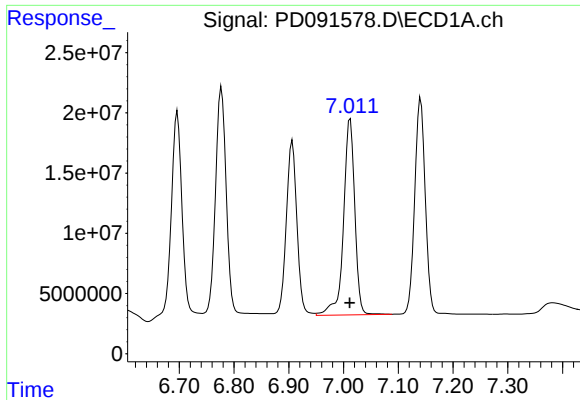
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 233857311
Conc: 50.81 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2596307997
Conc: 57.08 ng/ml



#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 233112587
Conc: 45.21 ng/ml

Instrument :

ECD_D

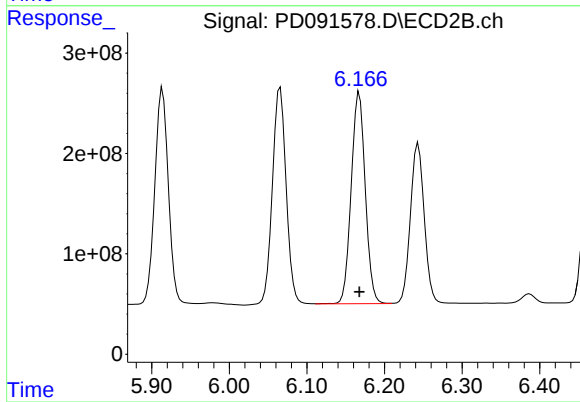
ClientSampleId :

PSTDCCC050

Manual Integrations

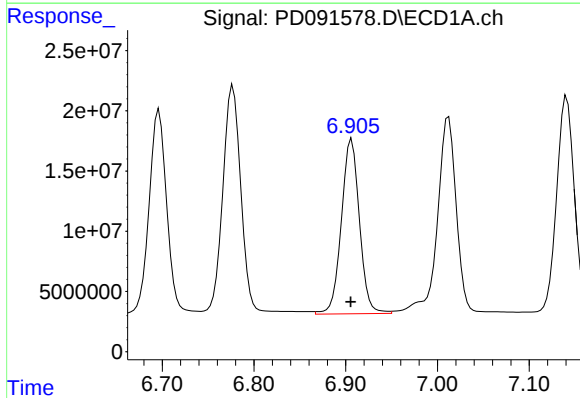
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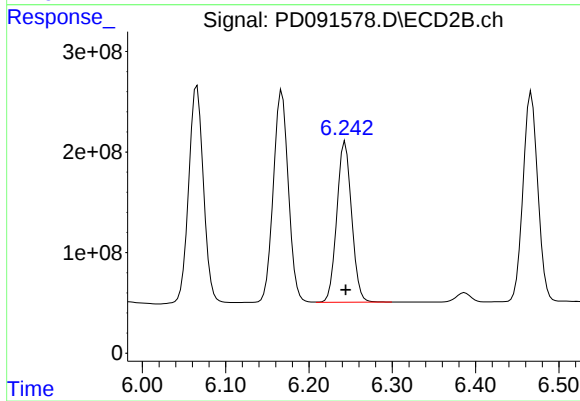
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 2653034363
Conc: 55.97 ng/ml



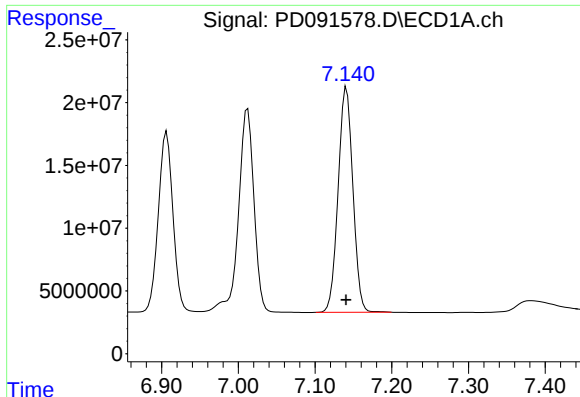
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: 0.001 min
Response: 198716834
Conc: 47.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1974156715
Conc: 55.31 ng/ml



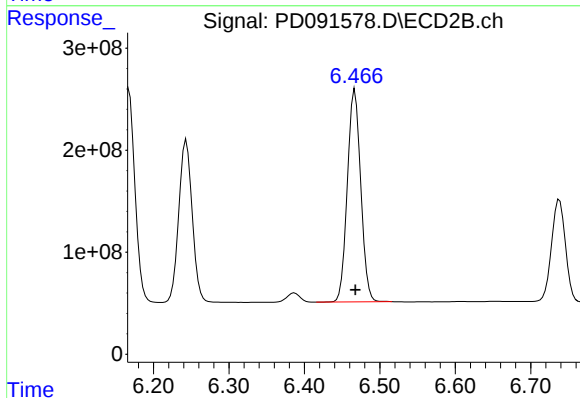
#19 Endosulfan Sulfate

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 239972783
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

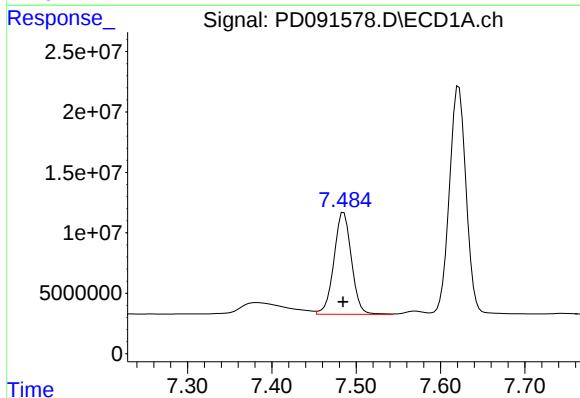
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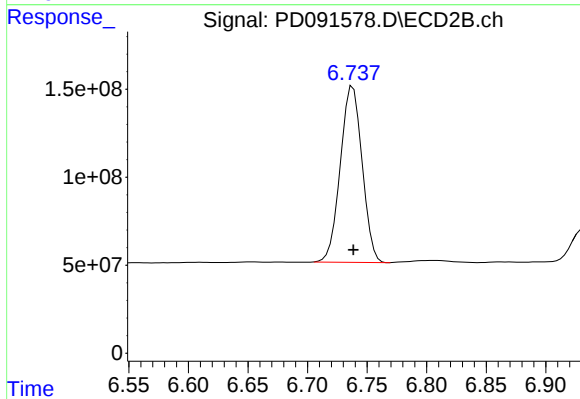
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2568067941
Conc: 55.71 ng/ml



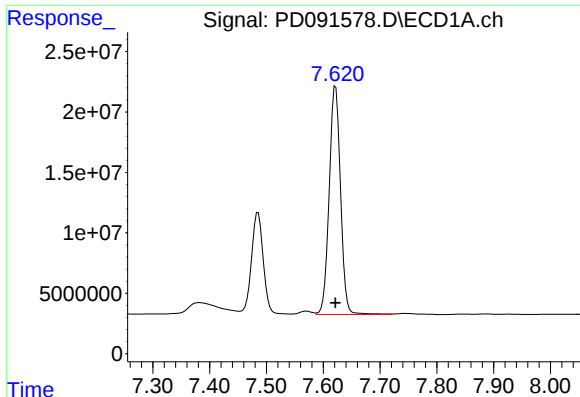
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 121687509
Conc: 45.27 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1276265806
Conc: 54.08 ng/ml



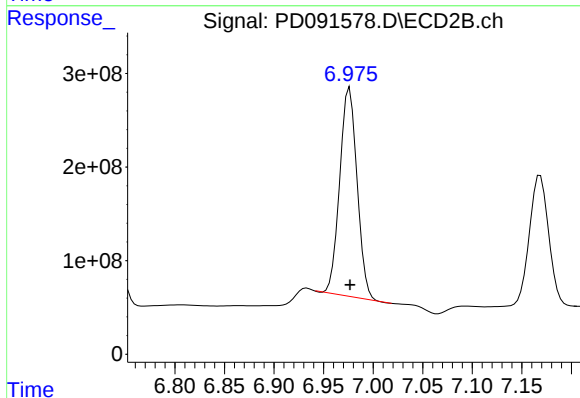
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 262079686
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

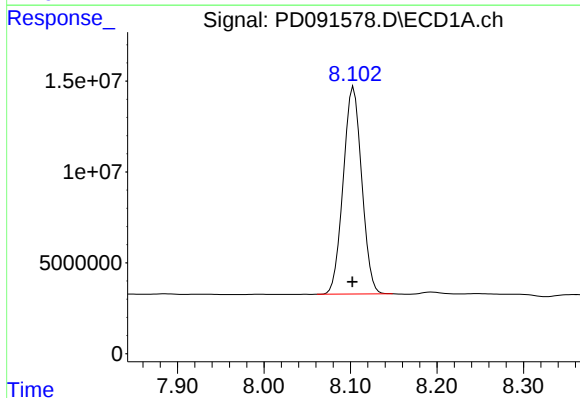
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2025
Supervised By :Yogesh Patel 12/15/2025



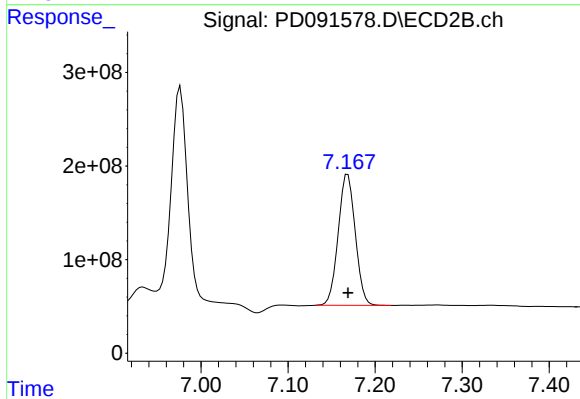
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2698422368
Conc: 55.47 ng/ml



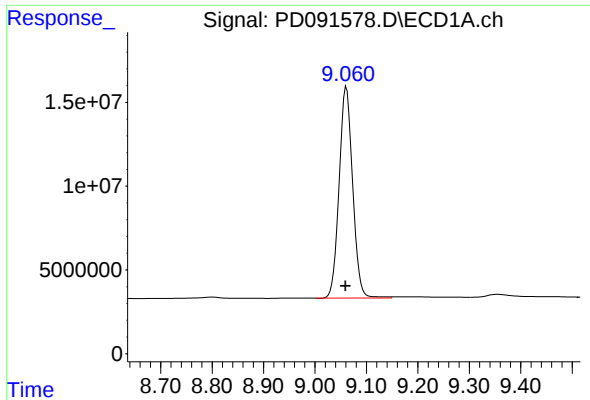
#22 Mirex

R.T.: 8.104 min
Delta R.T.: 0.001 min
Response: 168577159
Conc: 45.37 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1906092487
Conc: 58.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.002 min
Response: 230636411
Conc: 44.37 ng/ml

Instrument :

ECD_D

ClientSampleId :

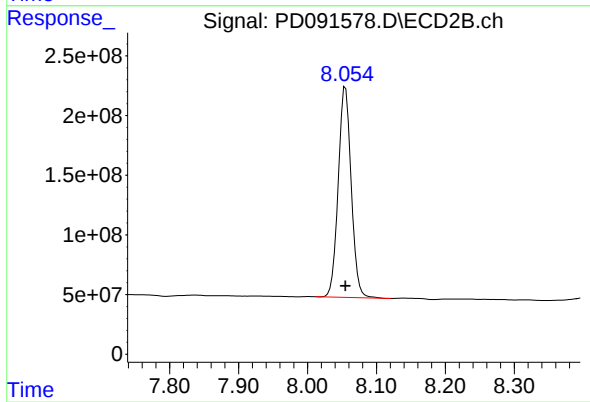
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2308451524
Conc: 55.75 ng/ml