

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
 Data File : PD091533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 14:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:53:53 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...	3.547	2.870	153.4E6	2016.2E6	44.152	51.169
2)	SA Decachlor...	9.073	8.061	223.1E6	2349.4E6	42.913	56.734 #
Target Compounds							
2)	A alpha-BHC	3.997	3.382	371.5E6	3554.6E6	46.143	52.140
3)	MA gamma-BHC...	4.328	3.719	347.9E6	3246.5E6	46.296	57.737
4)	MA Heptachlor	4.926	4.071	339.9E6	3205.1E6	47.884	54.992
5)	MB Aldrin	5.267	4.357	334.0E6	3235.8E6	48.004	55.803
6)	B beta-BHC	4.516	4.016	131.8E6	1329.1E6	45.636	55.474
7)	B delta-BHC	4.764	4.252	335.0E6	3284.9E6	56.005	54.852
8)	B Heptachlo...	5.688	4.861	291.3E6	2858.9E6	47.037	56.503
9)	A Endosulfan I	6.072	5.236	282.3E6	2525.5E6	46.206	51.553
10)	B gamma-Chl...	5.944	5.114	302.9E6	3200.5E6	47.502	57.335
11)	B alpha-Chl...	6.025	5.179	301.3E6	3013.9E6	44.855	56.281 #
12)	B 4,4'-DDE	6.195	5.364	265.9E6	3143.1E6	45.774	57.347 #
13)	MA Dieldrin	6.346	5.502	302.1E6	3110.6E6	46.423	56.084
14)	MA Endrin	6.573	5.779	259.1E6	2892.7E6	46.197	55.332
15)	B Endosulfa...	6.785	6.069	248.0E6	2693.3E6	40.785m	57.166m#
16)	A 4,4'-DDD	6.706	5.919	232.4E6	2617.1E6	50.484	57.534
17)	MA 4,4'-DDT	7.021	6.173	234.0E6	2723.6E6	45.374	57.461 #
18)	B Endrin al...	6.915	6.249	194.9E6	1996.4E6	46.651	55.937
19)	B Endosulfa...	7.150	6.472	237.1E6	2615.3E6	44.912	56.740 #
20)	A Methoxychlor	7.495	6.744	119.0E6	1347.8E6	44.255	57.113 #
21)	B Endrin ke...	7.631	6.982	256.0E6	2799.1E6	45.436	57.545 #
22)	Mirex	8.113	7.174	165.9E6	1953.2E6	44.638	59.593 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
Data File : PD091533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 14:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

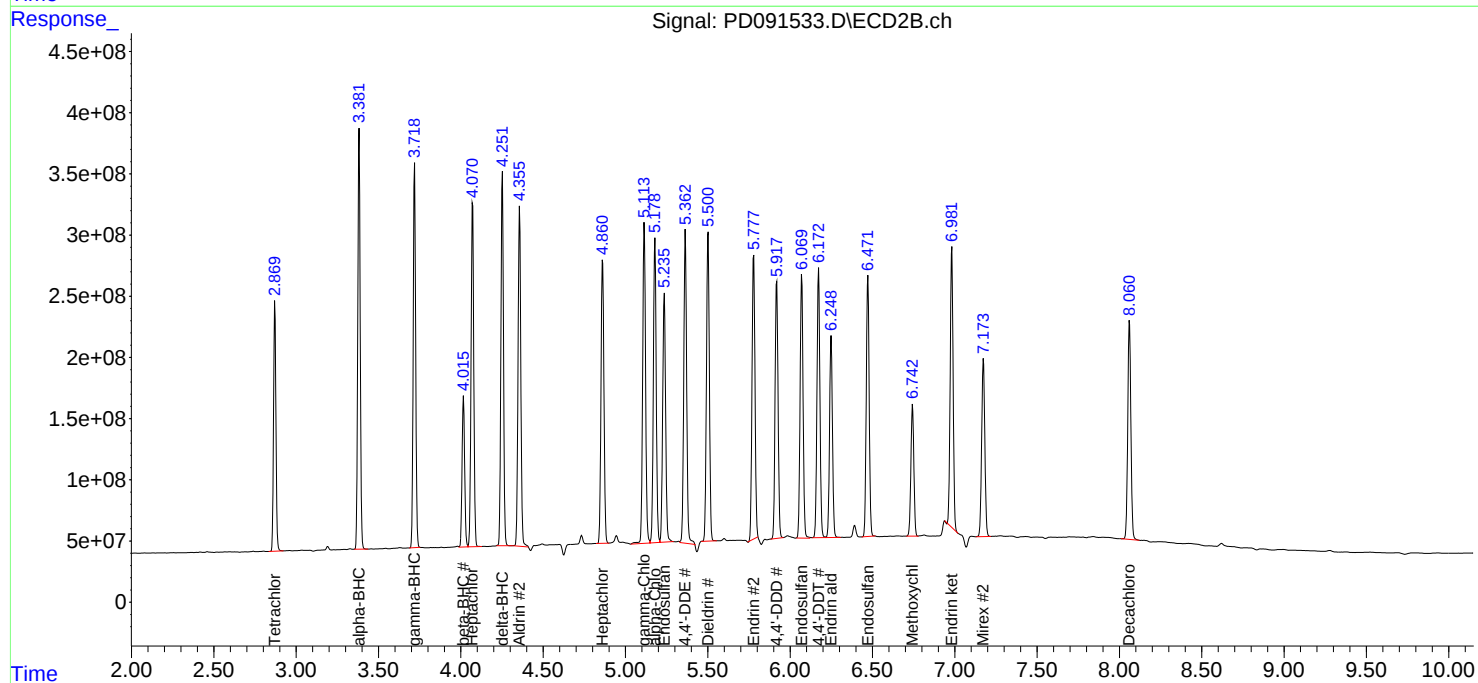
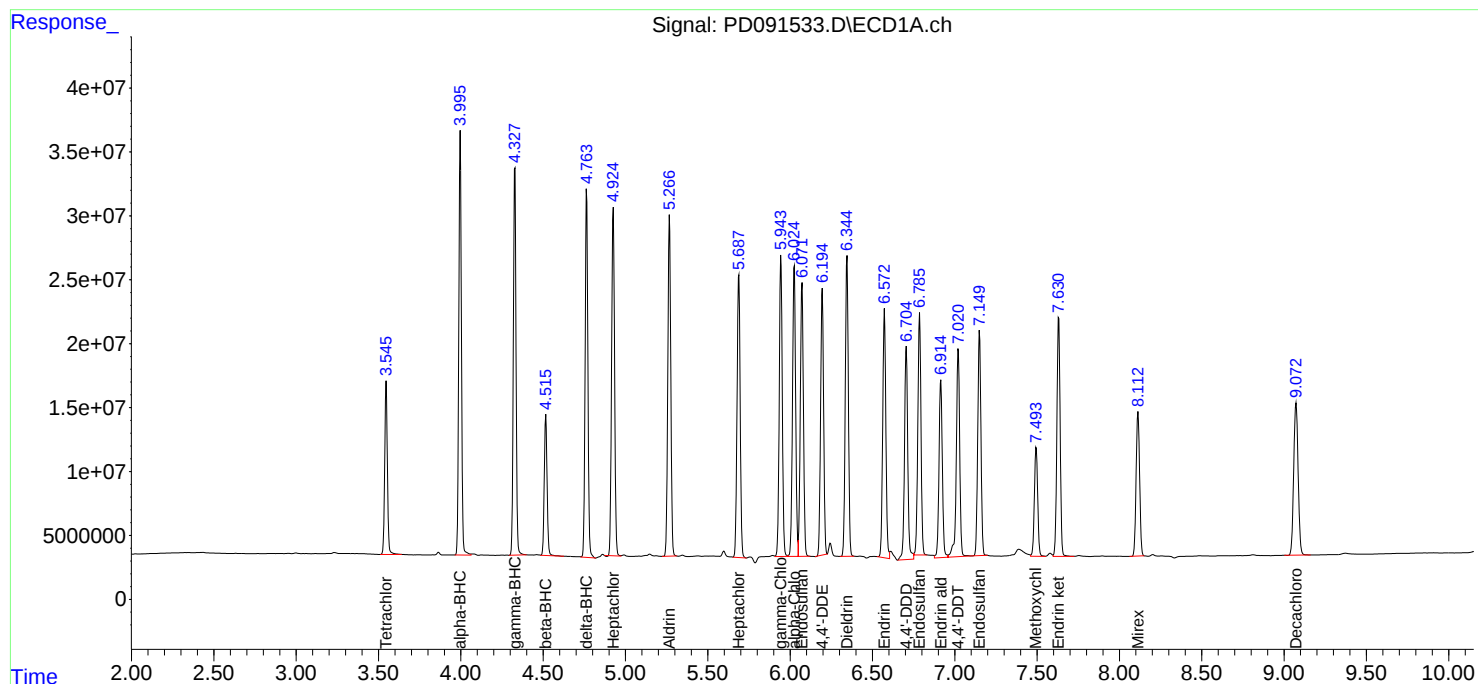
Manual Integrations

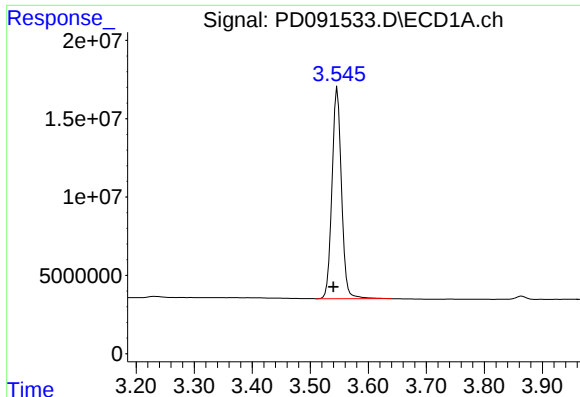
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Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 01:53:53 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





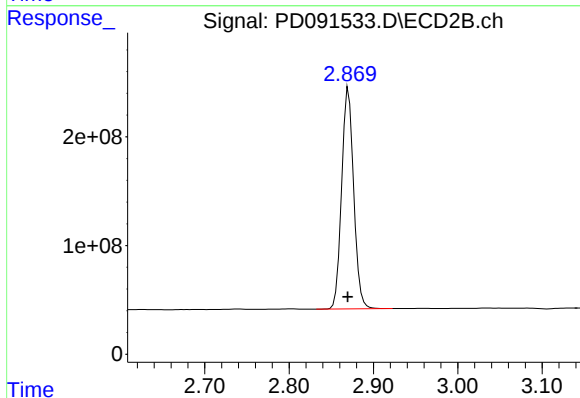
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.007 min
Response: 153354366
Conc: 44.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

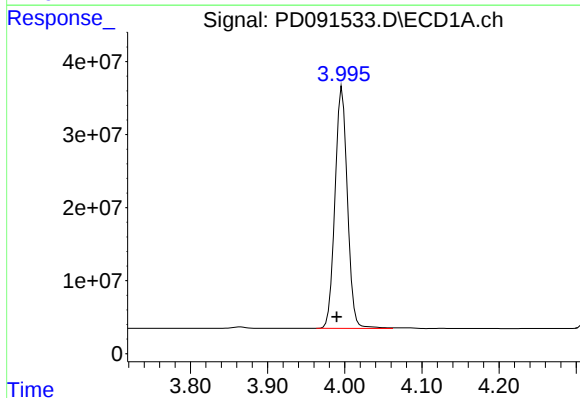
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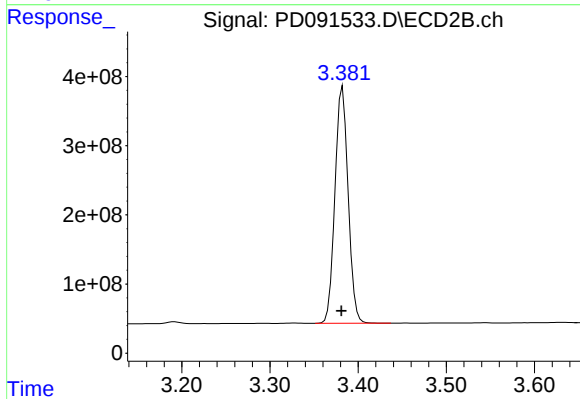
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 2016232651
Conc: 51.17 ng/ml



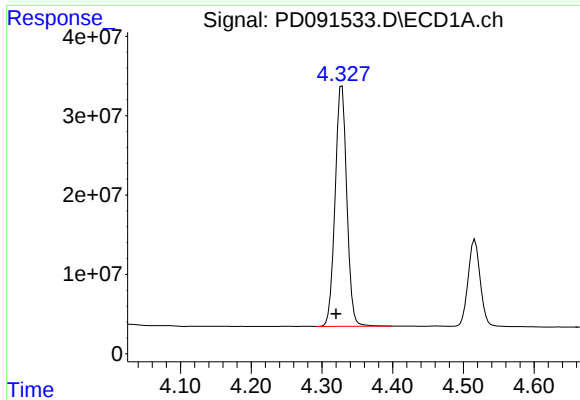
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.007 min
Response: 371494012
Conc: 46.14 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.001 min
Response: 3554582975
Conc: 52.14 ng/ml



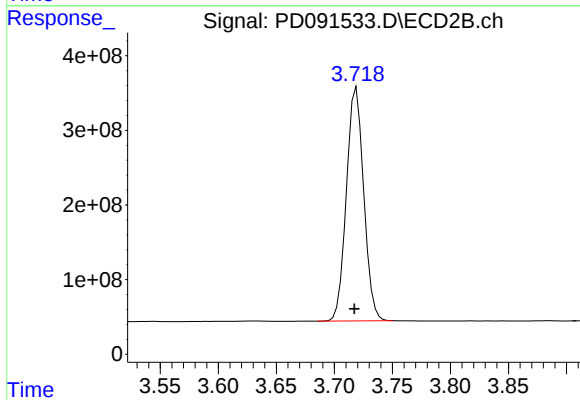
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.008 min
Response: 347946567
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

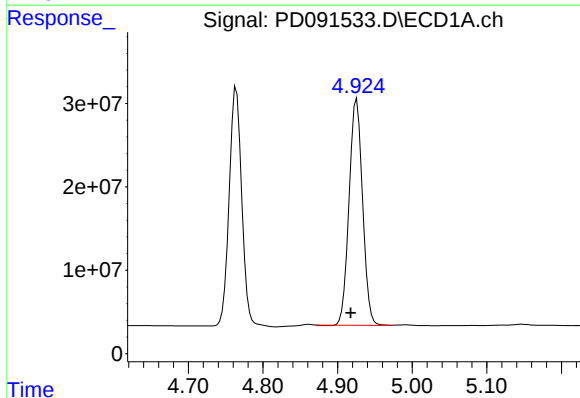
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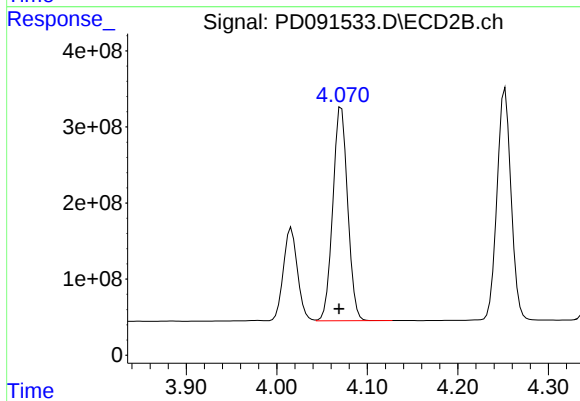
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.002 min
Response: 3246520218
Conc: 57.74 ng/ml



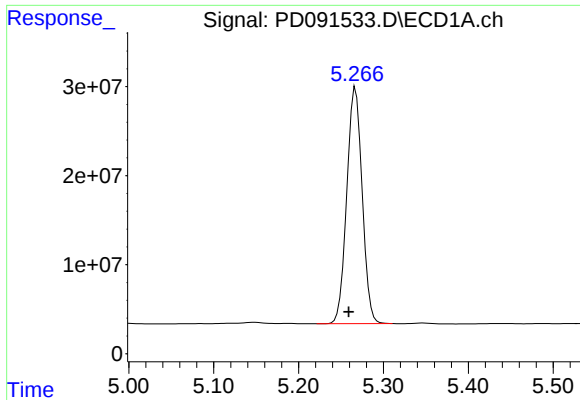
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.008 min
Response: 339926084
Conc: 47.88 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.003 min
Response: 3205141099
Conc: 54.99 ng/ml



#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.008 min
Response: 334006173
Conc: 48.00 ng/ml

Instrument :

ECD_D

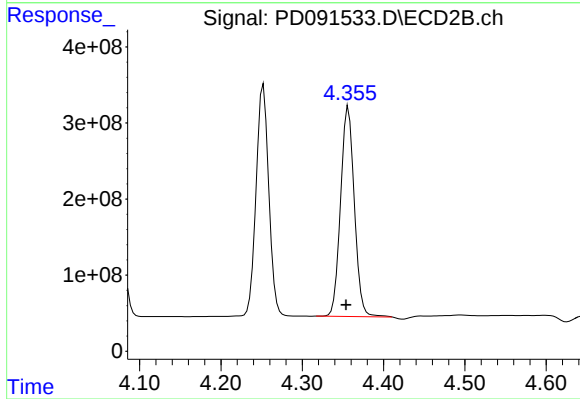
ClientSampleId :

PSTDCCC050

Manual Integrations

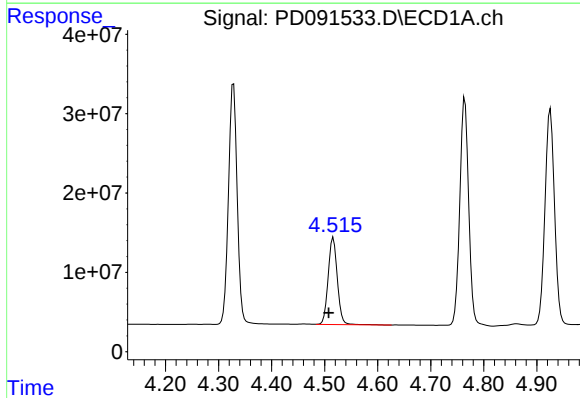
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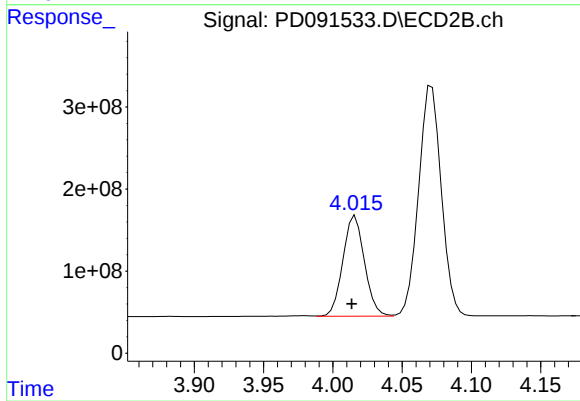
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: 0.003 min
Response: 3235815394
Conc: 55.80 ng/ml



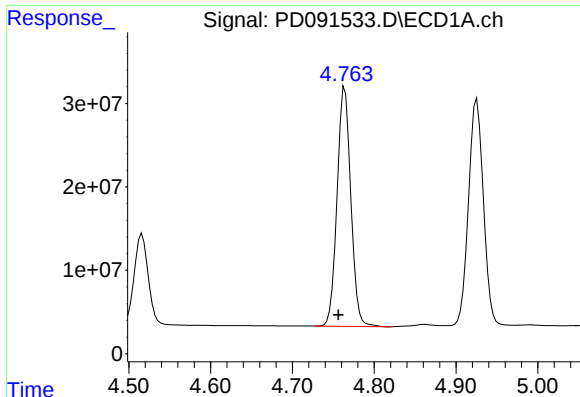
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.009 min
Response: 131753442
Conc: 45.64 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.003 min
Response: 1329102194
Conc: 55.47 ng/ml



#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.008 min
Response: 335037464
Conc: 56.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

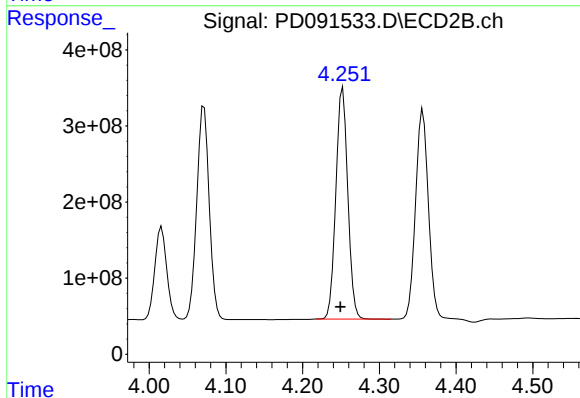
PSTDCCC050

Manual Integrations

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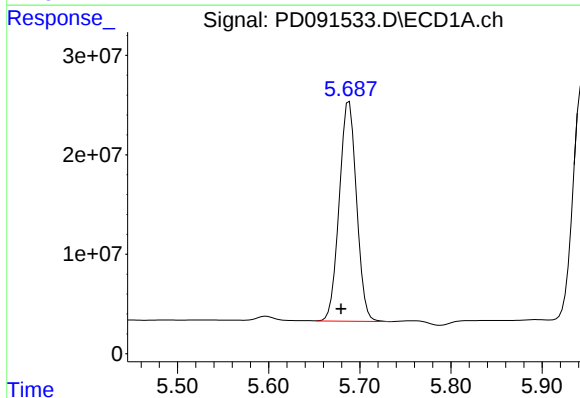
Reviewed By :Abdul Mirza 12/11/2025

Supervised By :Yogesh Patel 12/11/2025



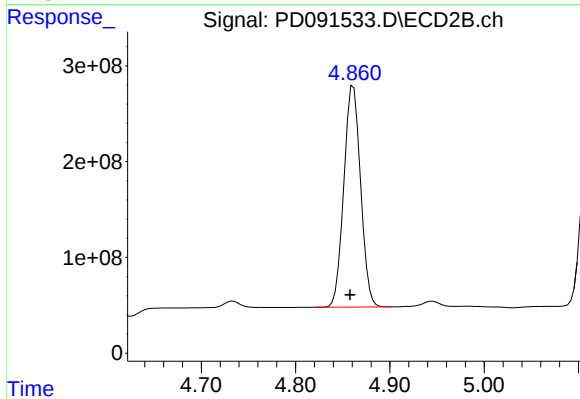
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.003 min
Response: 3284924205
Conc: 54.85 ng/ml



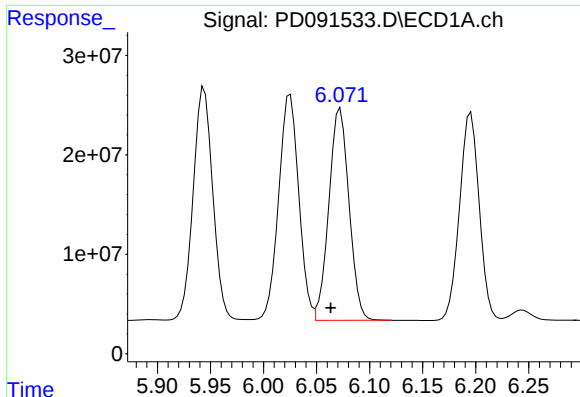
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.009 min
Response: 291267421
Conc: 47.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.004 min
Response: 2858874148
Conc: 56.50 ng/ml



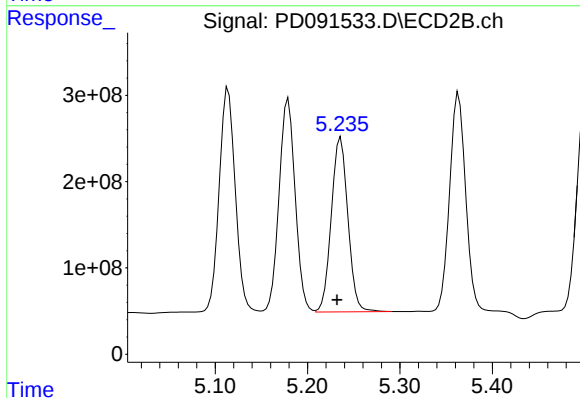
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.009 min
Response: 282310976
Conc: 46.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

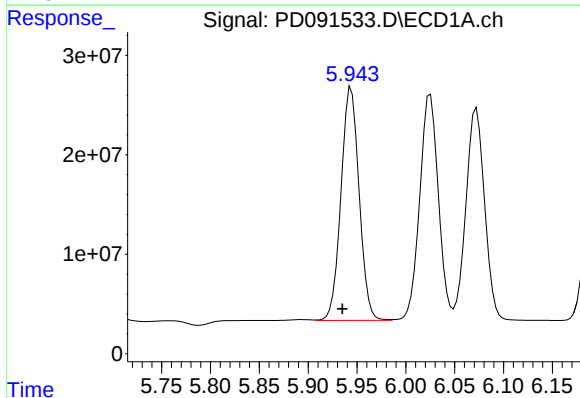
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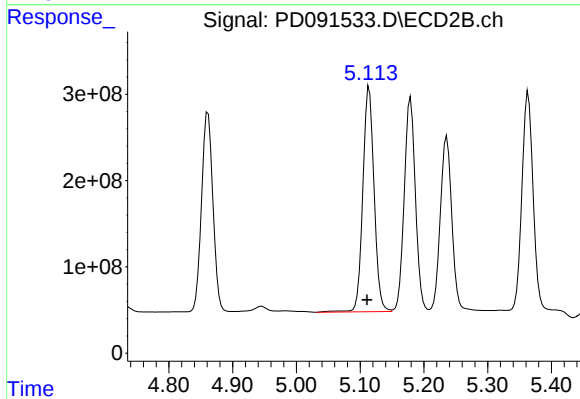
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: 0.004 min
Response: 2525530280
Conc: 51.55 ng/ml



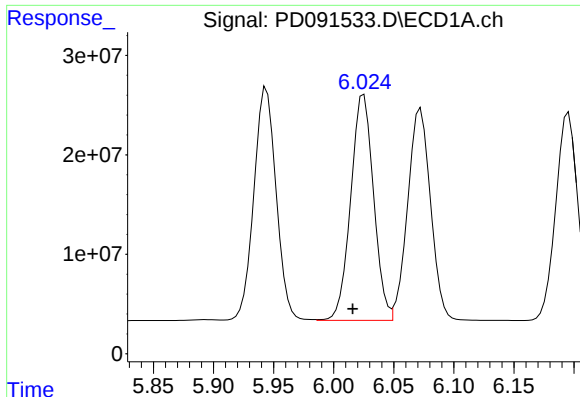
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.009 min
Response: 302920767
Conc: 47.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.003 min
Response: 3200516710
Conc: 57.34 ng/ml



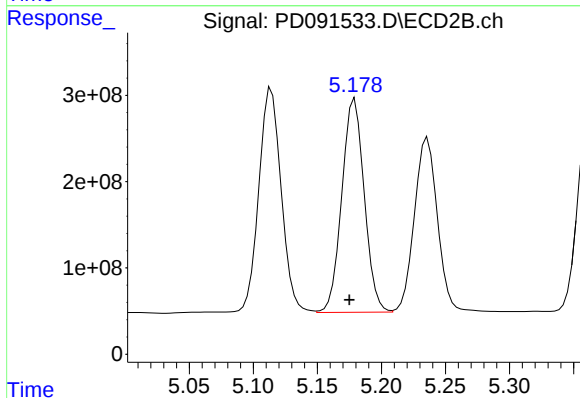
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.009 min
Response: 301253868
Conc: 44.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

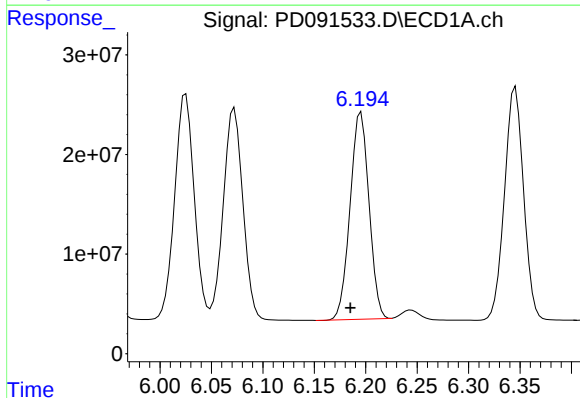
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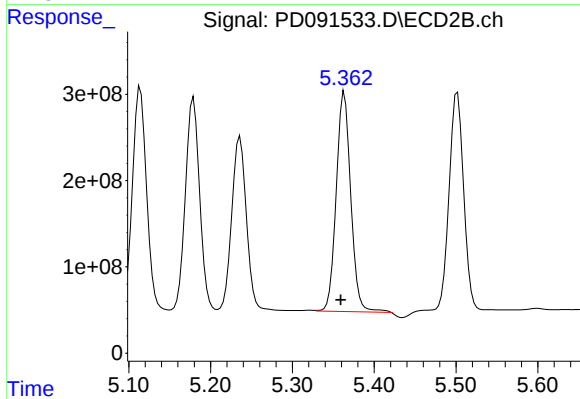
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.004 min
Response: 3013875022
Conc: 56.28 ng/ml



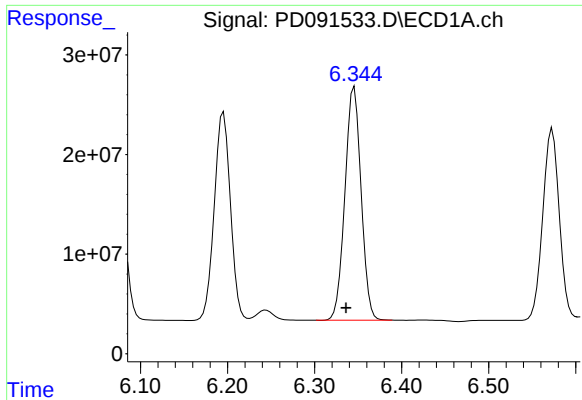
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.010 min
Response: 265921956
Conc: 45.77 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: 0.005 min
Response: 3143056269
Conc: 57.35 ng/ml



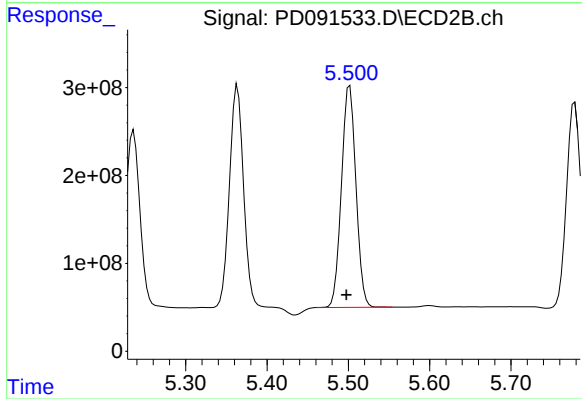
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.009 min
Response: 302063951
Conc: 46.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

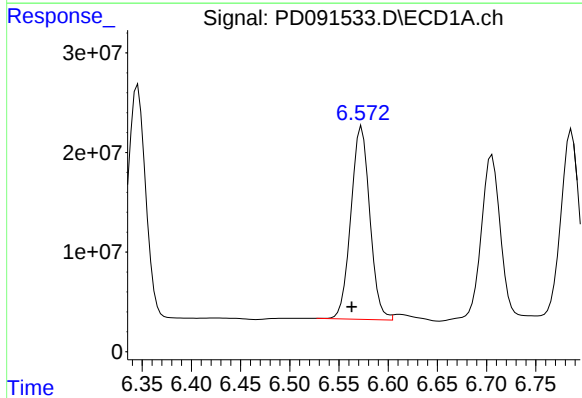
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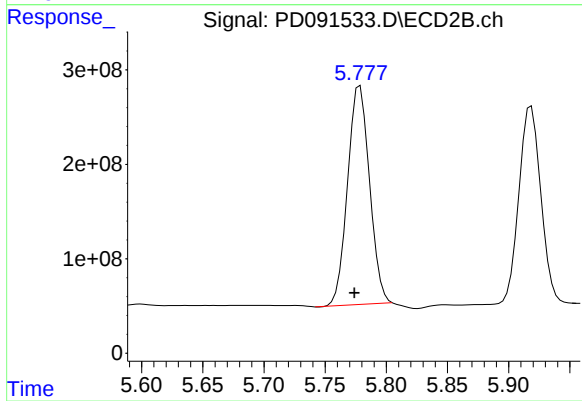
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: 0.004 min
Response: 3110628342
Conc: 56.08 ng/ml



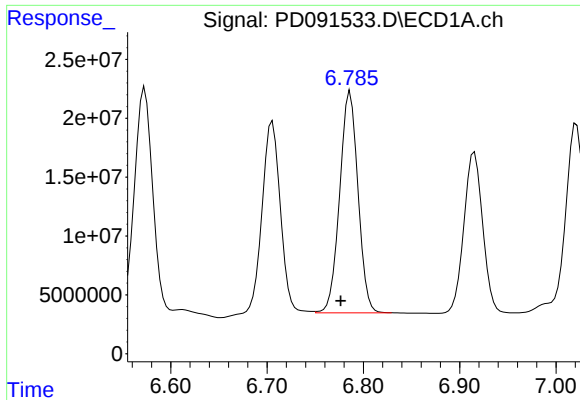
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.010 min
Response: 259079494
Conc: 46.20 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.005 min
Response: 2892651662
Conc: 55.33 ng/ml



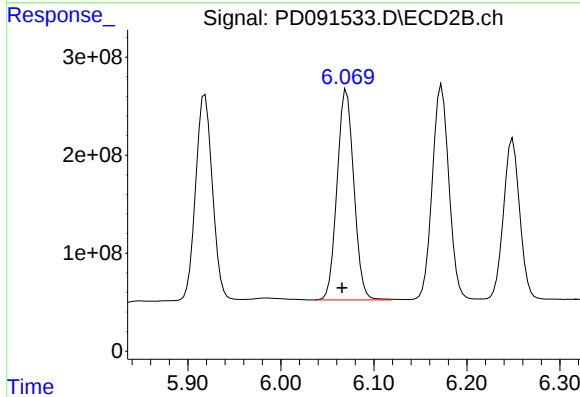
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.008 min
Response: 248001540
Conc: 40.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

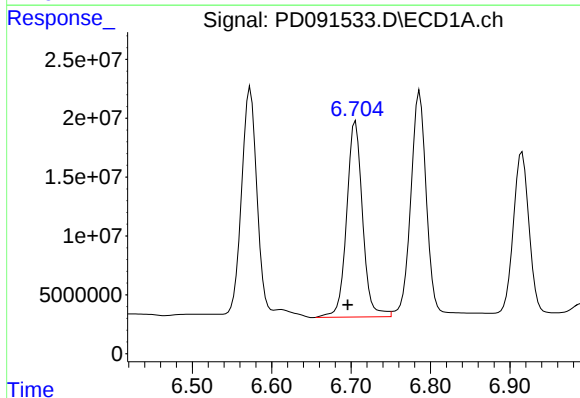
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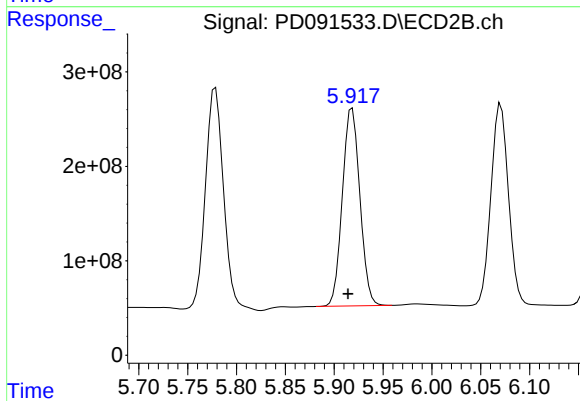
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 2693329593
Conc: 57.17 ng/ml m



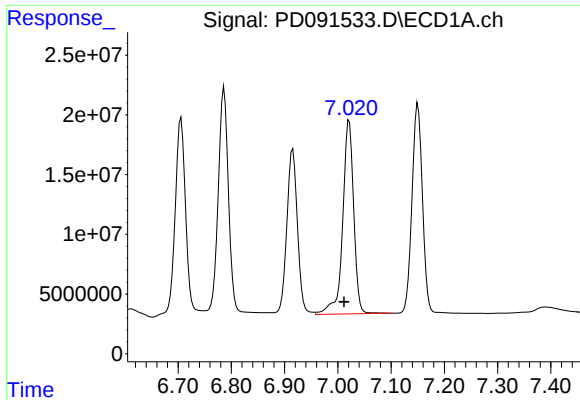
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.010 min
Response: 232370975
Conc: 50.48 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: 0.004 min
Response: 2617100033
Conc: 57.53 ng/ml



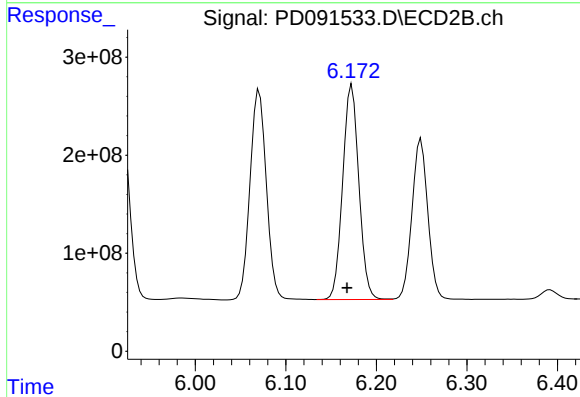
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.010 min
Response: 233970152
Conc: 45.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

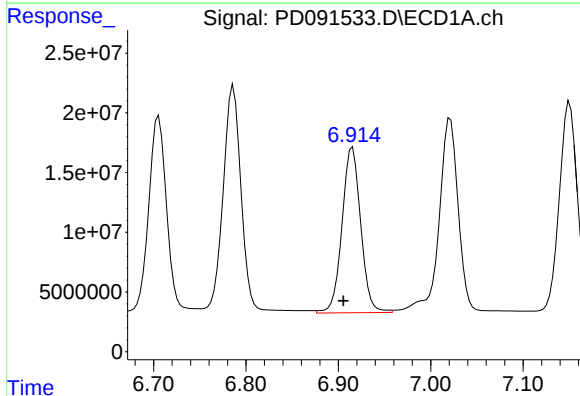
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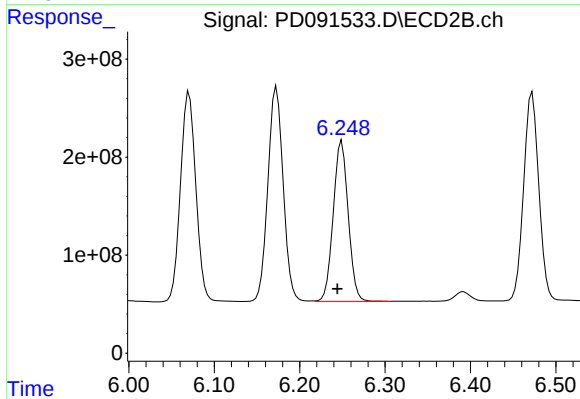
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.005 min
Response: 2723600144
Conc: 57.46 ng/ml



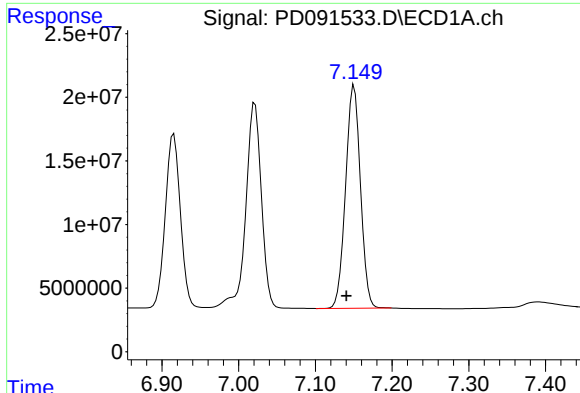
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.010 min
Response: 194880120
Conc: 46.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.005 min
Response: 1996445922
Conc: 55.94 ng/ml



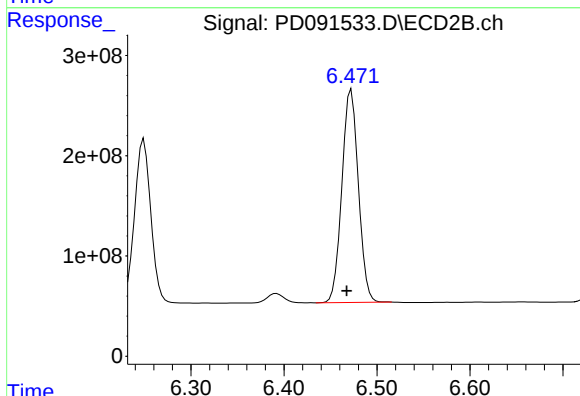
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.010 min
Response: 237101119
Conc: 44.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

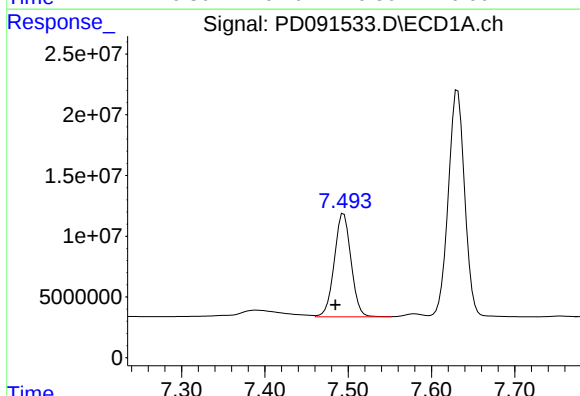
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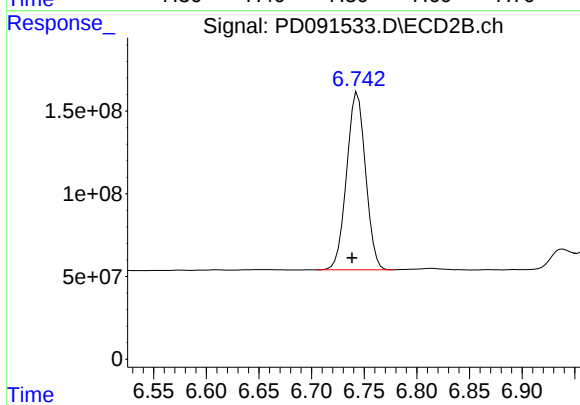
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.005 min
Response: 2615344933
Conc: 56.74 ng/ml



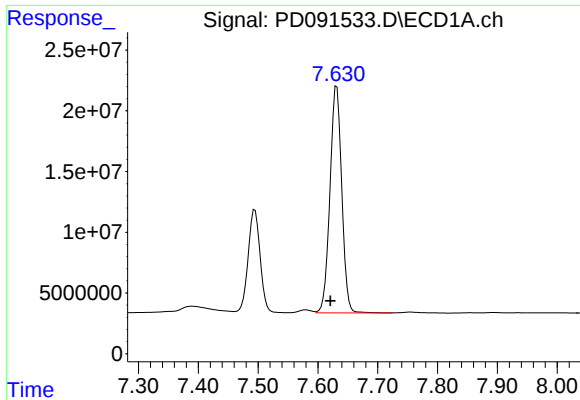
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.010 min
Response: 118956471
Conc: 44.25 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: 0.005 min
Response: 1347750617
Conc: 57.11 ng/ml



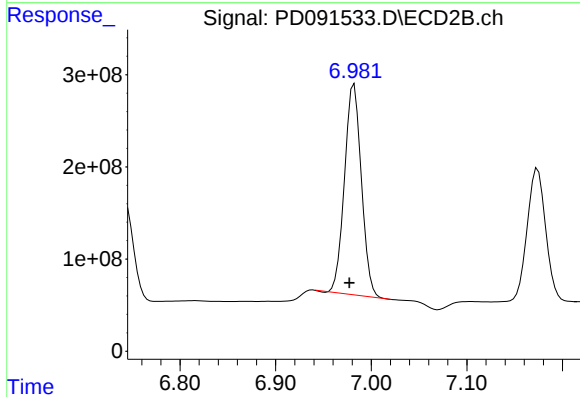
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.010 min
Response: 255980853
Conc: 45.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

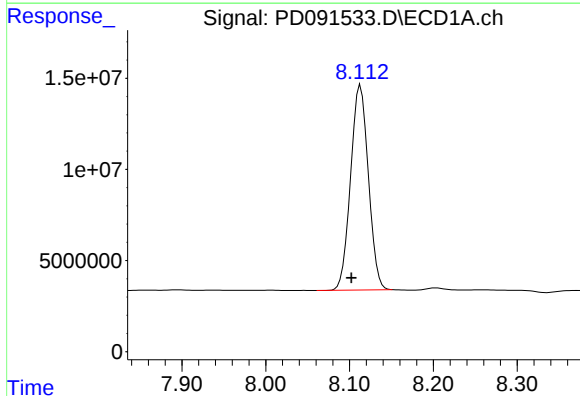
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



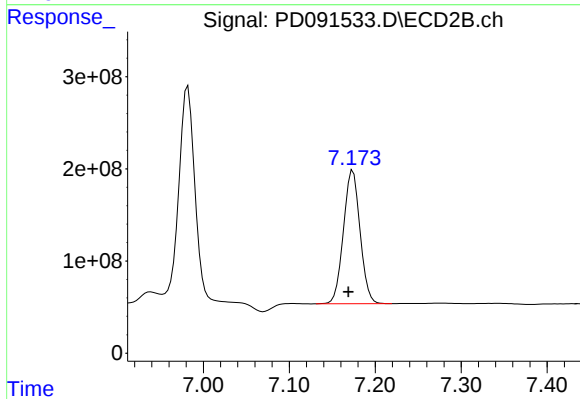
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.005 min
Response: 2799138473
Conc: 57.54 ng/ml



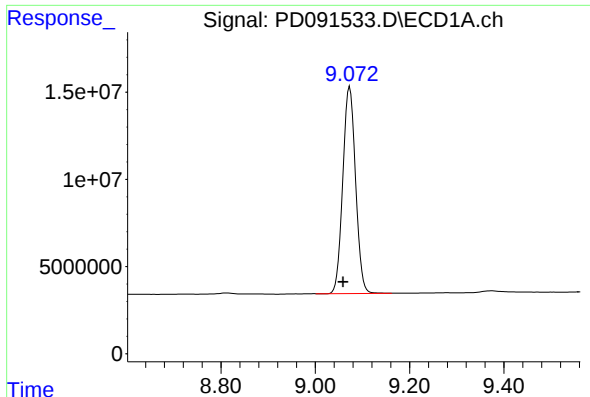
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.011 min
Response: 165851930
Conc: 44.64 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: 0.005 min
Response: 1953172867
Conc: 59.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.014 min
Response: 223062148
Conc: 42.91 ng/ml

Instrument :

ECD_D

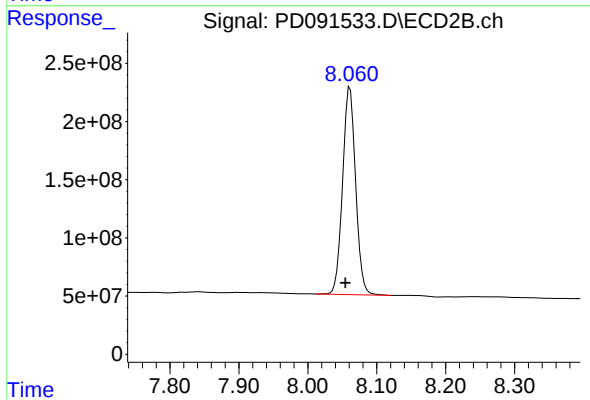
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.006 min
Response: 2349394213
Conc: 56.73 ng/ml