

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 04:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/09/2025
 Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 04:40:49 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	166.2E6	1976.1E6	47.854	50.150
28)	SA Decachlor...	9.057	8.055	248.2E6	2102.1E6	47.746	50.762
Target Compounds							
2)	A alpha-BHC	3.989	3.382	401.9E6	3473.2E6	49.923	50.946
3)	MA gamma-BHC...	4.320	3.717	373.3E6	3140.1E6	49.667	55.845
4)	MA Heptachlor	4.917	4.069	360.7E6	3052.4E6	50.811	52.371
5)	MB Aldrin	5.258	4.354	352.0E6	3037.9E6	50.585	52.390
6)	B beta-BHC	4.508	4.014	139.4E6	1266.9E6	48.282	52.876
7)	B delta-BHC	4.756	4.250	358.2E6	3133.9E6	59.879	52.330
8)	B Heptachlo...	5.679	4.858	316.0E6	2687.3E6	51.024	53.111
9)	A Endosulfan I	6.062	5.232	297.2E6	2453.6E6	48.650	50.085
10)	B gamma-Chl...	5.934	5.111	315.5E6	2978.2E6	49.473	53.353
11)	B alpha-Chl...	6.015	5.175	319.5E6	2823.5E6	47.566	52.726
12)	B 4,4'-DDE	6.184	5.358	284.4E6	2845.2E6	48.962	51.912m
13)	MA Dieldrin	6.335	5.497	317.9E6	2886.0E6	48.864	52.034
14)	MA Endrin	6.563	5.774	275.4E6	2681.7E6	49.099	51.297
15)	B Endosulfa...	6.775	6.066	265.9E6	2427.9E6	43.729	51.533
16)	A 4,4'-DDD	6.694	5.914	227.6E6	2350.6E6	49.450	51.675
17)	MA 4,4'-DDT	7.010	6.167	246.0E6	2478.7E6	47.705	52.295
18)	B Endrin al...	6.904	6.244	197.6E6	1784.7E6	47.302	50.004
19)	B Endosulfa...	7.139	6.467	250.4E6	2338.6E6	47.437	50.736
20)	A Methoxychlor	7.483	6.738	125.4E6	1228.3E6	46.651	52.052
21)	B Endrin ke...	7.619	6.976	270.2E6	2501.2E6	47.962	51.420
22)	Mirex	8.101	7.168	174.6E6	1698.6E6	46.995	51.826

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 04:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

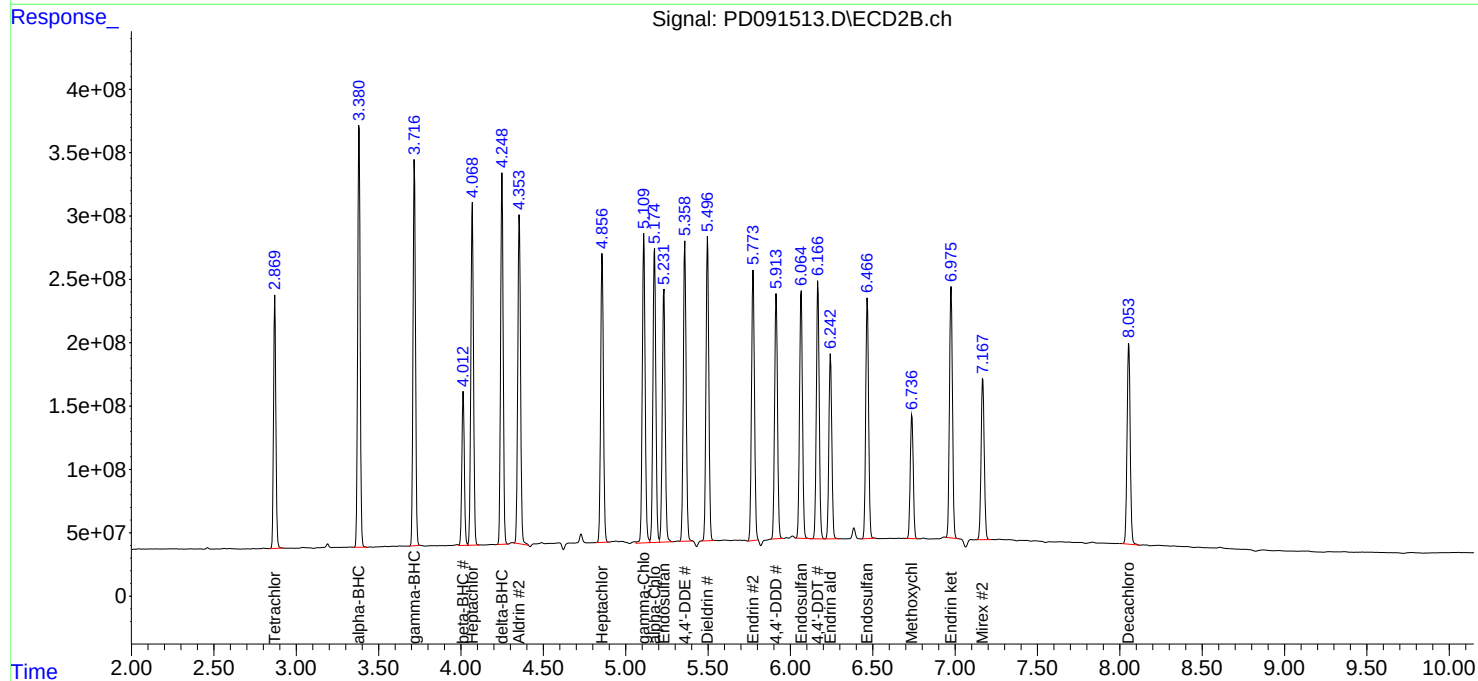
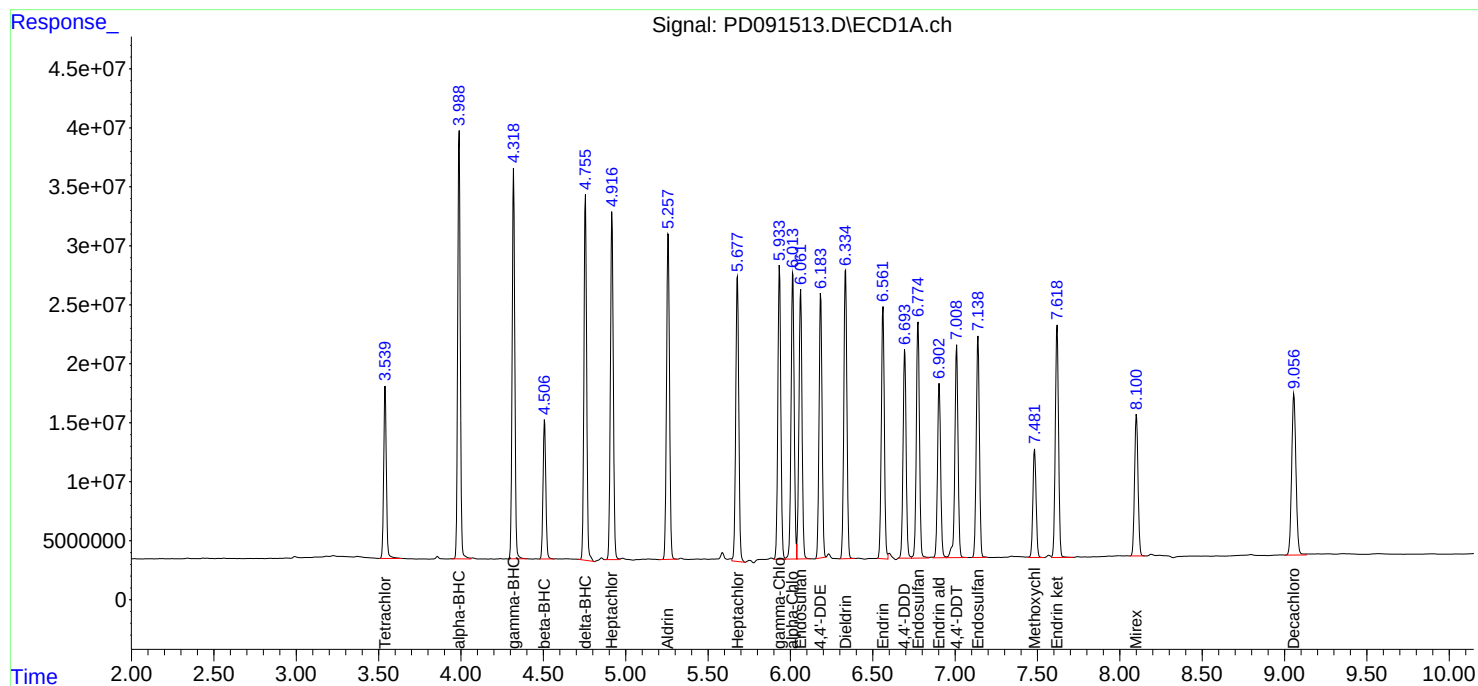
Manual Integrations

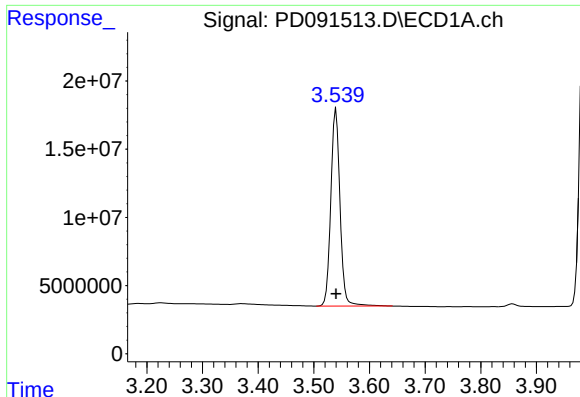
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Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 04:40:49 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





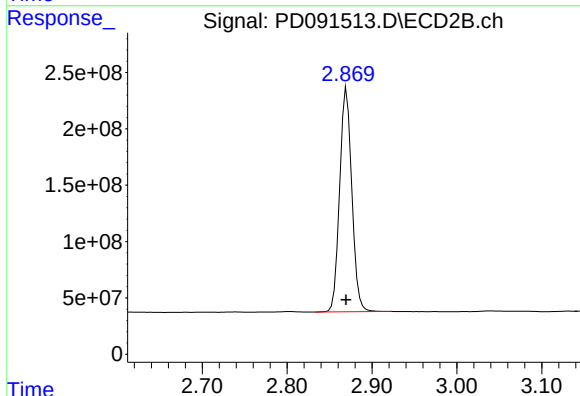
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 166213331
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

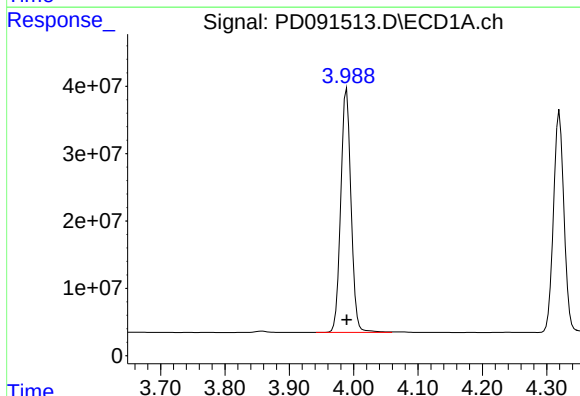
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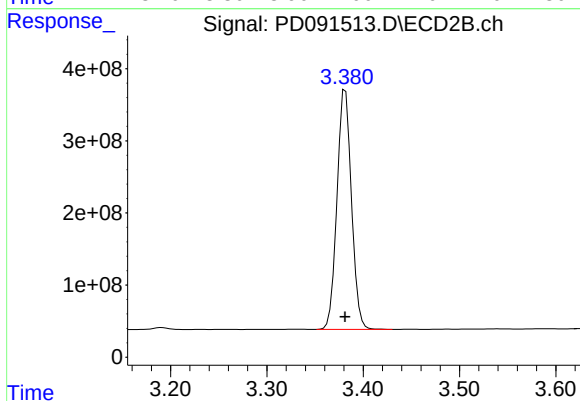
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 1976071230
Conc: 50.15 ng/ml



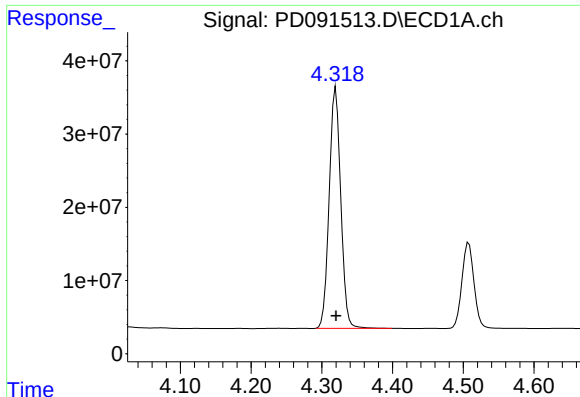
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 401924019
Conc: 49.92 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 3473154907
Conc: 50.95 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 373280996
Conc: 49.67 ng/ml

Instrument :

ECD_D

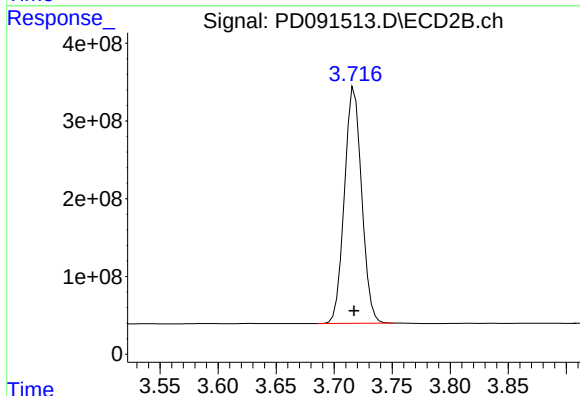
ClientSampleId :

PSTDCCC050

Manual Integrations

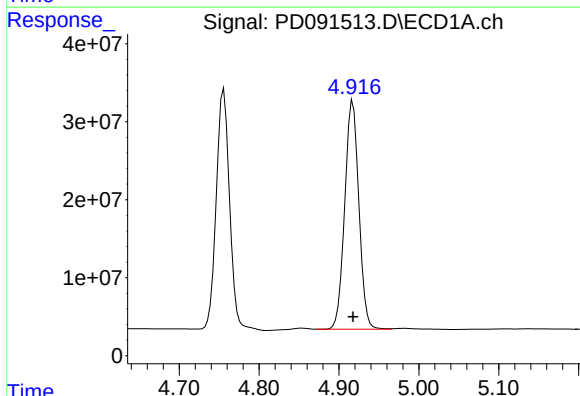
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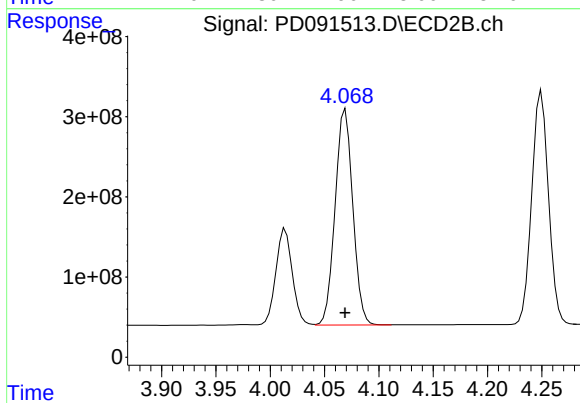
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3140109206
Conc: 55.84 ng/ml



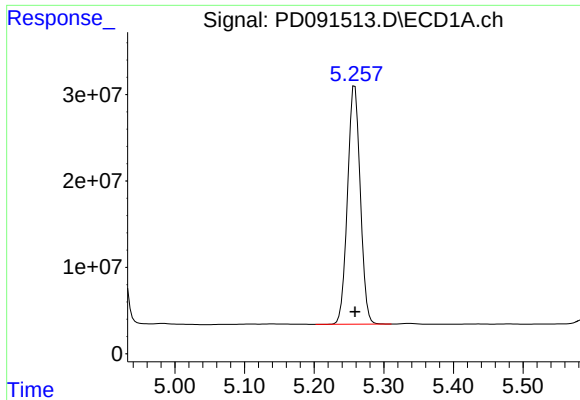
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 360702481
Conc: 50.81 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3052407198
Conc: 52.37 ng/ml



#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 351960870
Conc: 50.58 ng/ml

Instrument :

ECD_D

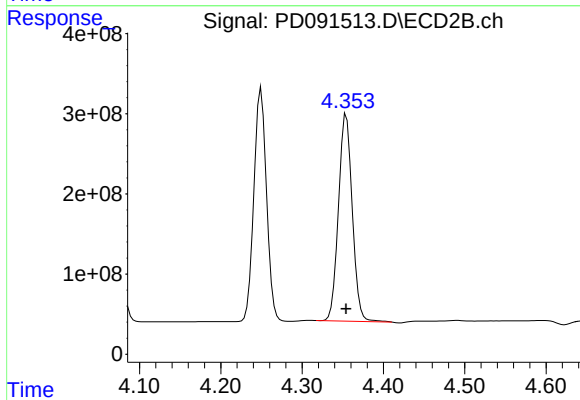
ClientSampleId :

PSTDCCC050

Manual Integrations

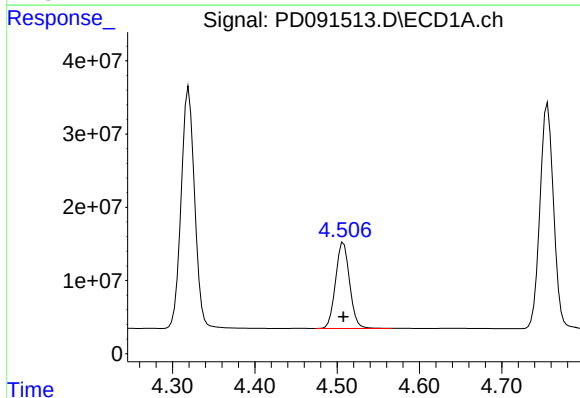
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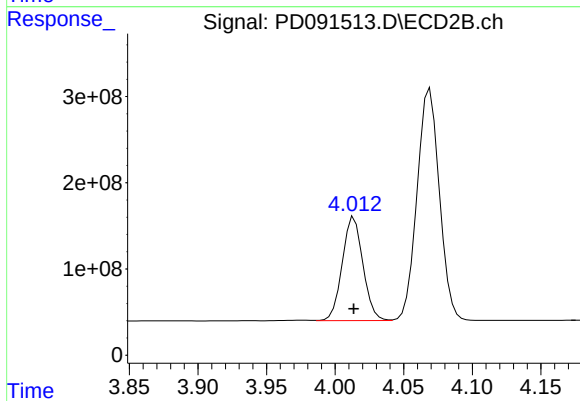
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3037894298
Conc: 52.39 ng/ml



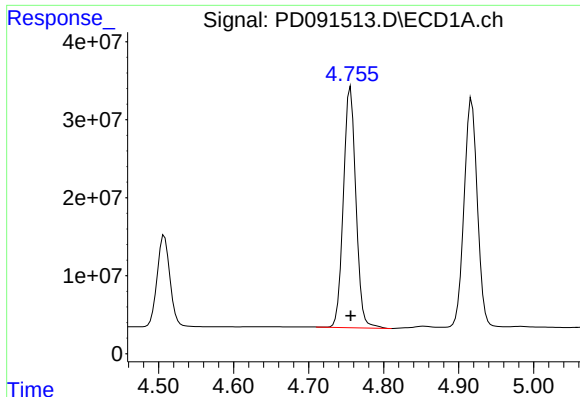
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 139392811
Conc: 48.28 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1266864812
Conc: 52.88 ng/ml



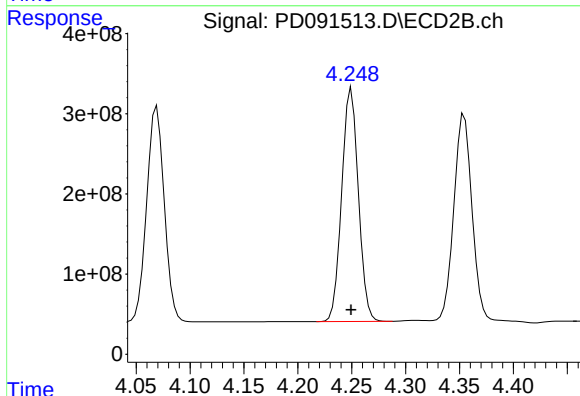
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 358212524
Conc: 59.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

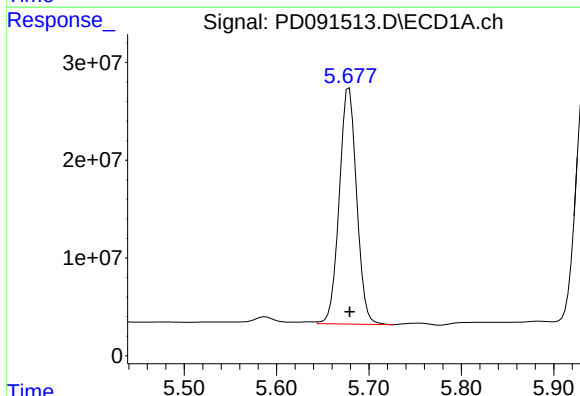
Manual Integrations
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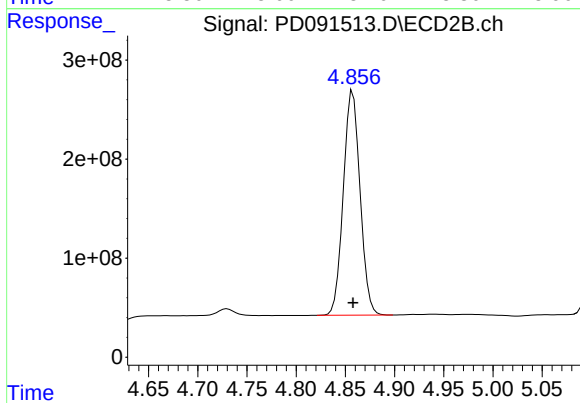
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3133908474
Conc: 52.33 ng/ml



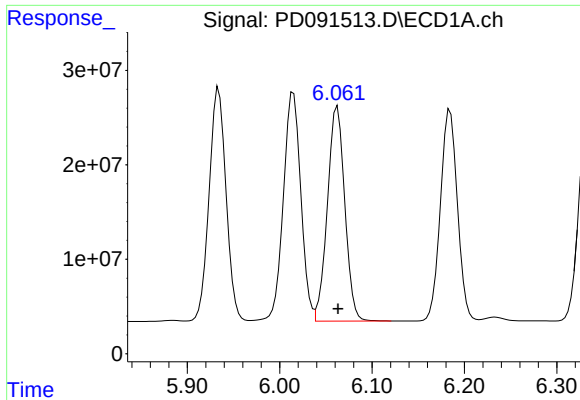
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 315959150
Conc: 51.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2687273956
Conc: 53.11 ng/ml



#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 297241999
Conc: 48.65 ng/ml

Instrument :

ECD_D

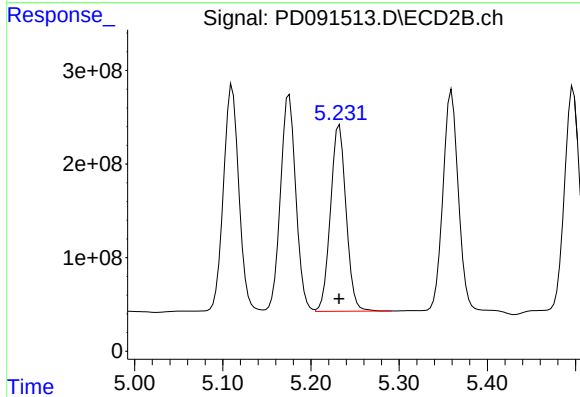
ClientSampleId :

PSTDCCC050

Manual Integrations

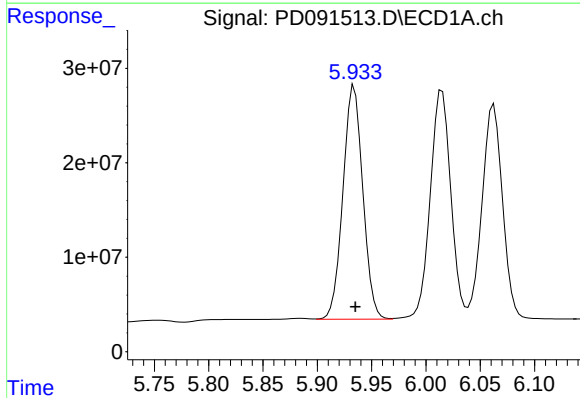
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Supervised By :Yogesh Patel 12/09/2025



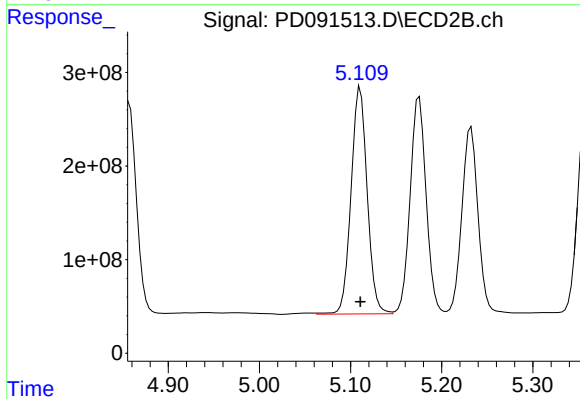
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2453617984
Conc: 50.09 ng/ml



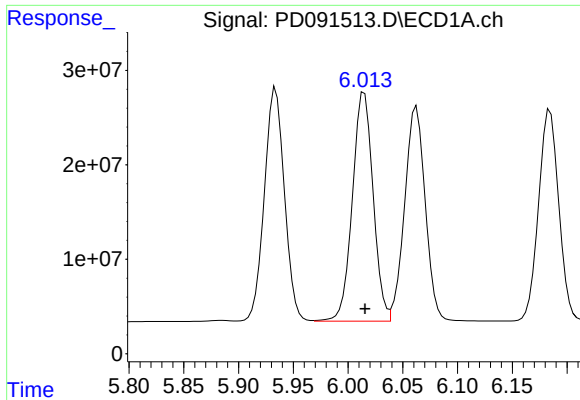
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 315492284
Conc: 49.47 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 2978213048
Conc: 53.35 ng/ml



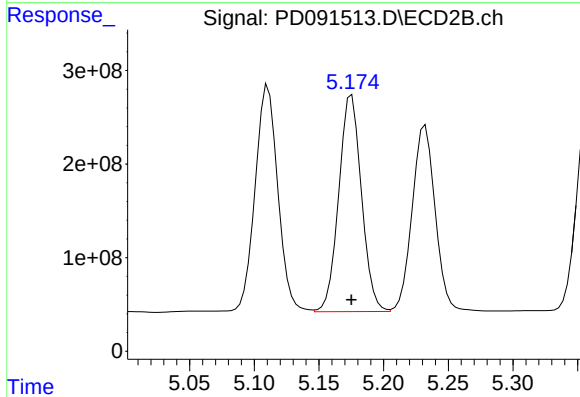
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 319465716
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

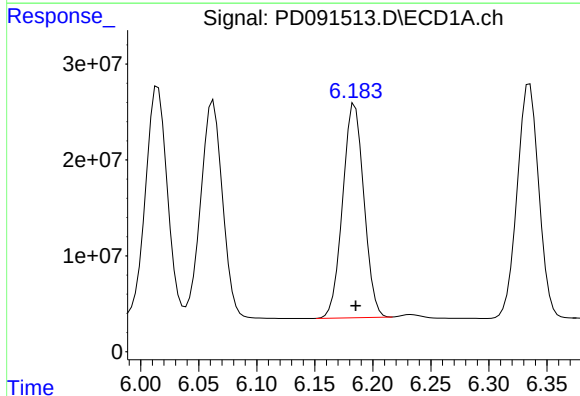
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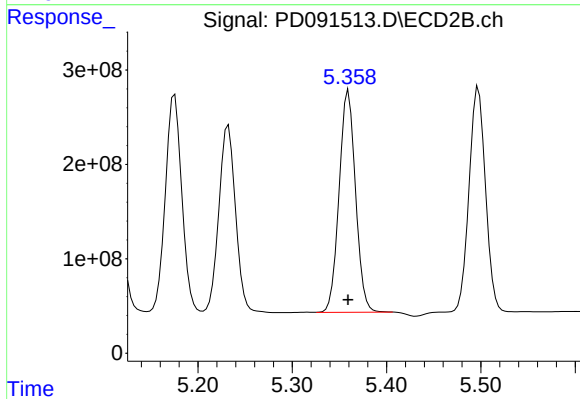
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 282353529
Conc: 52.73 ng/ml



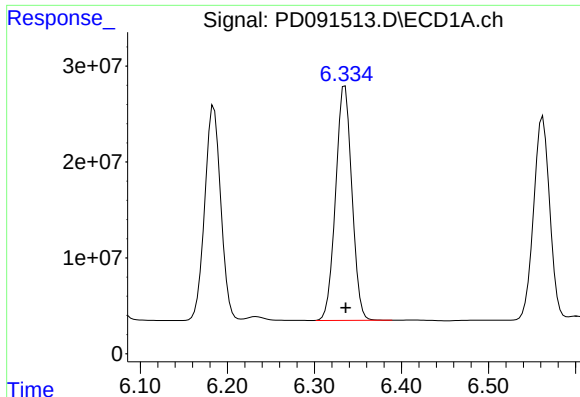
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 284436996
Conc: 48.96 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 2845193488
Conc: 51.91 ng/ml m



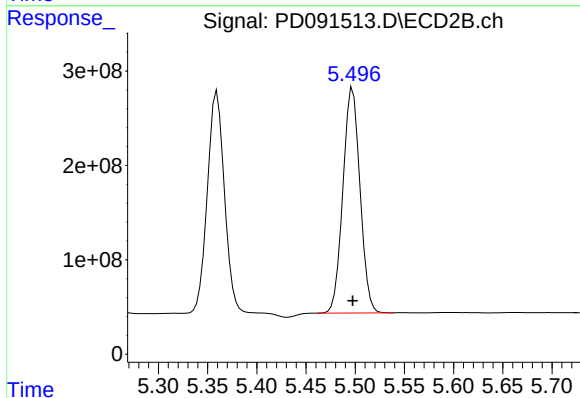
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 317949815
Conc: 48.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

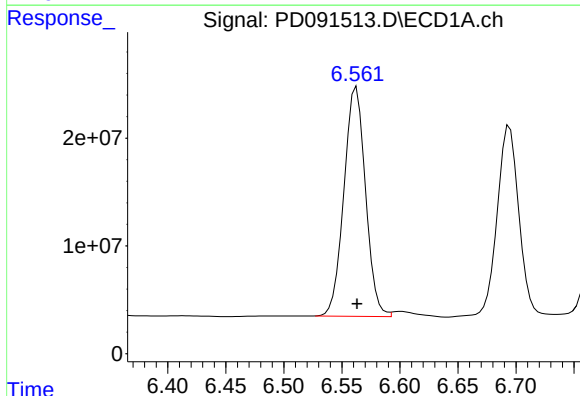
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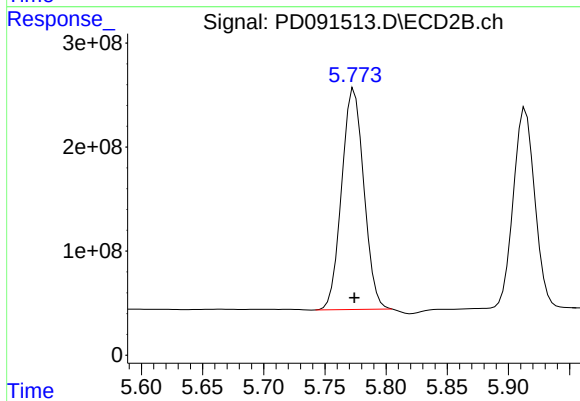
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 2886024685
Conc: 52.03 ng/ml



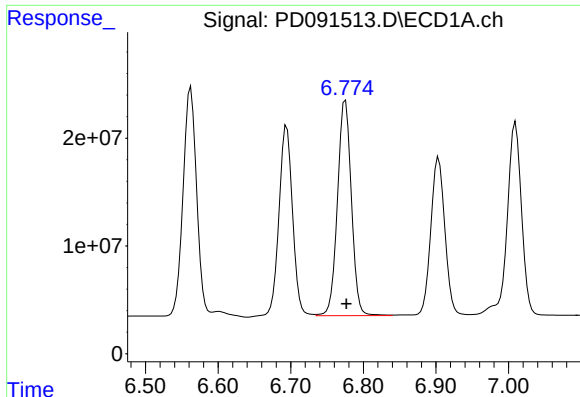
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 275355594
Conc: 49.10 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2681692166
Conc: 51.30 ng/ml



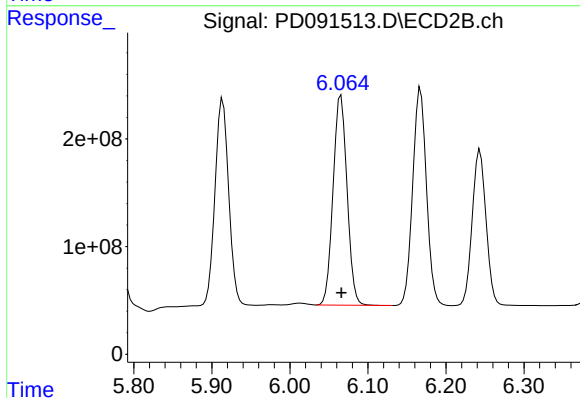
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 265908436
Conc: 43.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

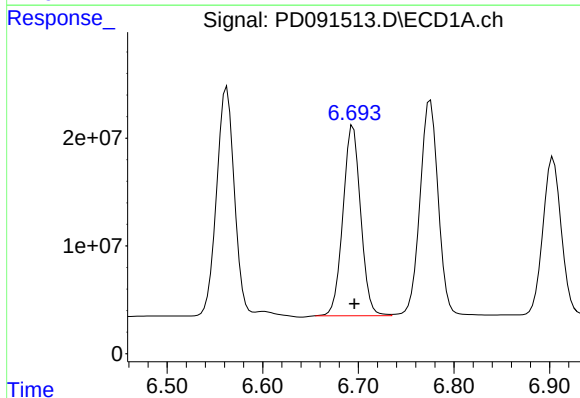
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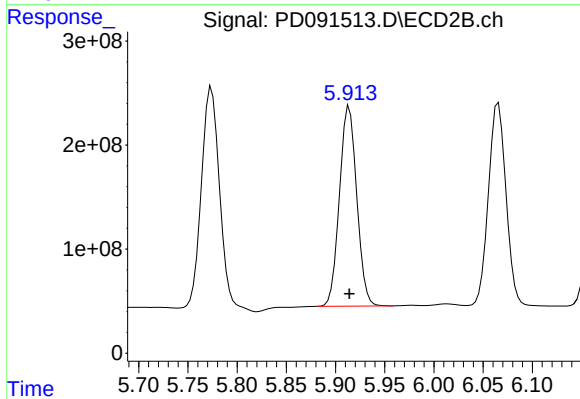
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2427936754
Conc: 51.53 ng/ml



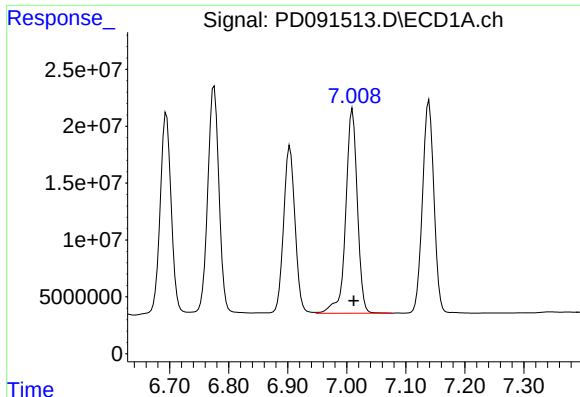
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 227610238
Conc: 49.45 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2350577575
Conc: 51.68 ng/ml



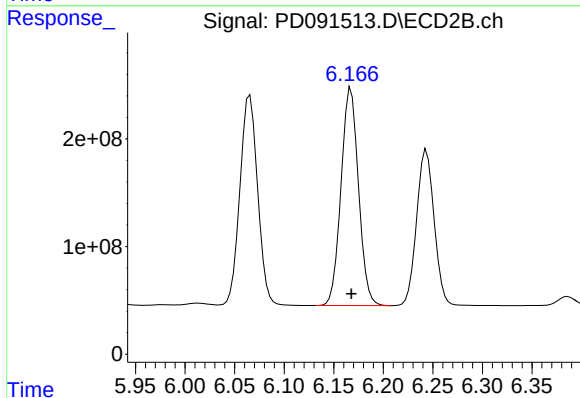
#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 245991150
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

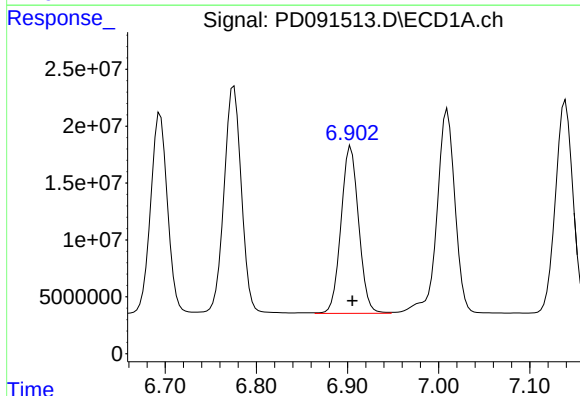
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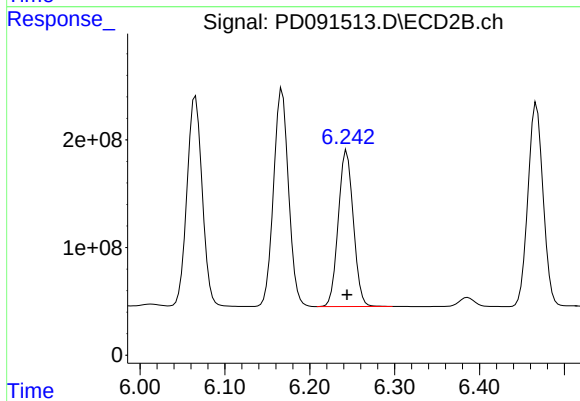
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 2478703789
Conc: 52.29 ng/ml



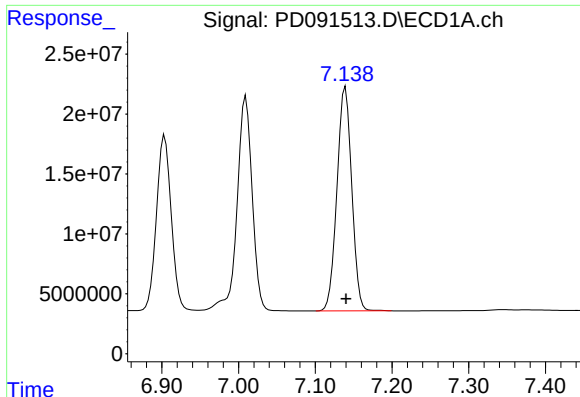
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 197598414
Conc: 47.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1784694556
Conc: 50.00 ng/ml



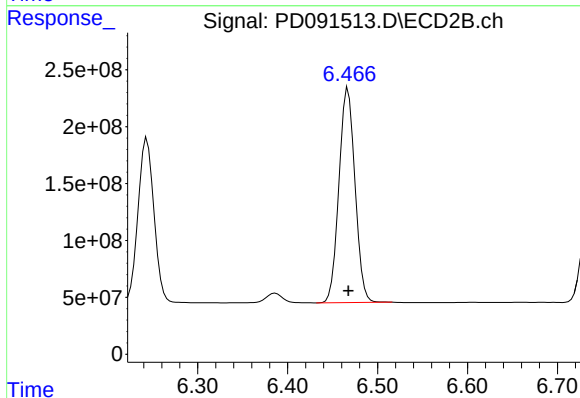
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 250430268
Conc: 47.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

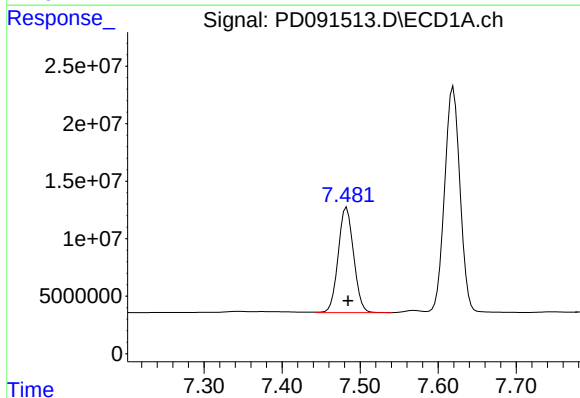
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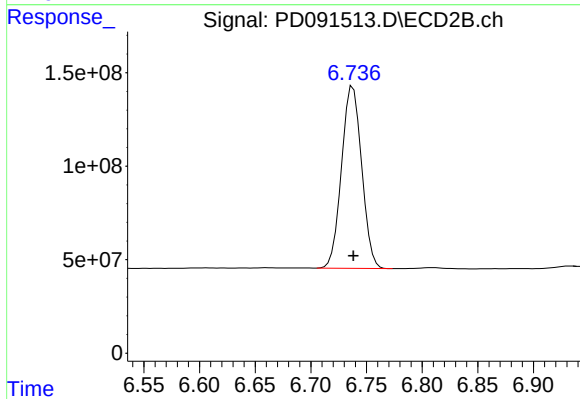
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2338598926
Conc: 50.74 ng/ml



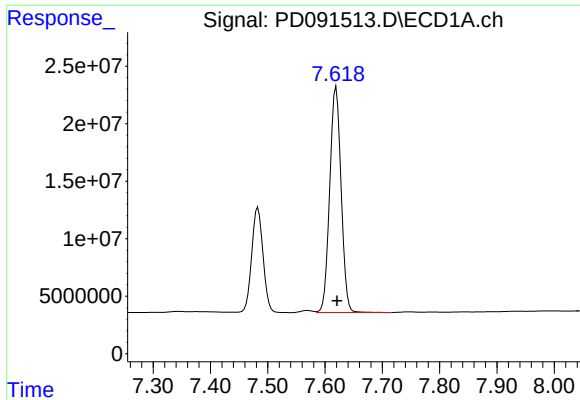
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 125395964
Conc: 46.65 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1228328879
Conc: 52.05 ng/ml



#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 270210142
Conc: 47.96 ng/ml

Instrument :

ECD_D

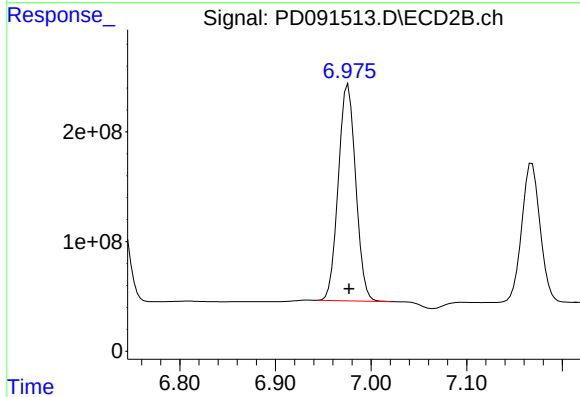
ClientSampleId :

PSTDCCC050

Manual Integrations

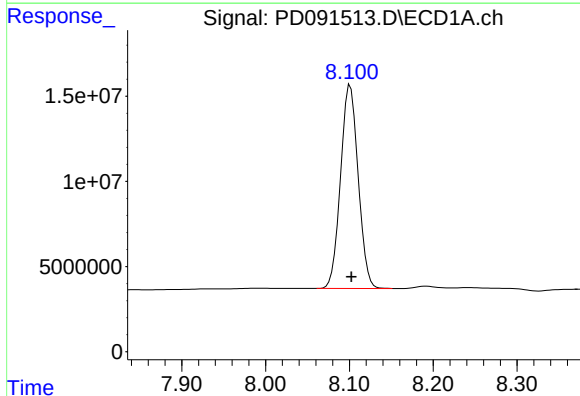
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



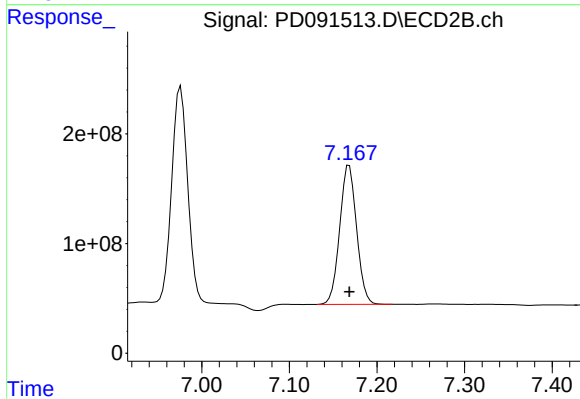
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2501230537
Conc: 51.42 ng/ml



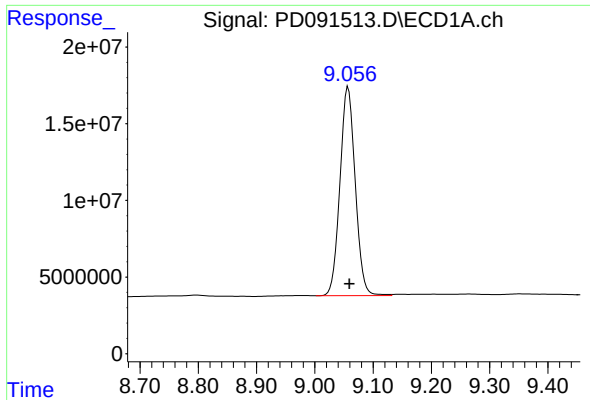
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 174608365
Conc: 46.99 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1698611193
Conc: 51.83 ng/ml



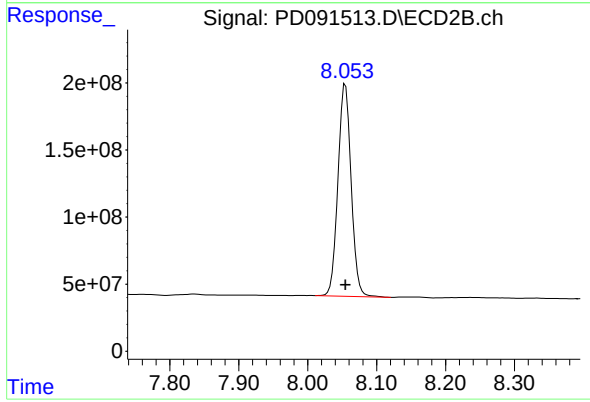
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.002 min
Response: 248182746
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2102090839
Conc: 50.76 ng/ml