

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082825\
 Data File : PD090068.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2025 17:03
 Operator : AR\AJ
 Sample : Q2970-25MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP6MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 23:28:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	2.877	44078017	318.6E6	15.019	14.450m
28)	SA Decachlor...	9.070	8.066	61849446	337.5E6	14.330	13.038
Target Compounds							
2)	A alpha-BHC	3.998	3.388	262.9E6	1340.0E6	43.794	39.482m
3)	MA gamma-BHC...	4.329	3.726	249.5E6	1243.5E6	43.575	39.894
4)	MA Heptachlor	4.927	4.079	244.8E6	1231.4E6	43.644	39.477
5)	MB Aldrin	5.269	4.364	241.8E6	1227.1E6	44.654	40.291
6)	B beta-BHC	4.515	4.022	95194380	531.7E6	42.440	39.883
7)	B delta-BHC	4.763	4.258	198.1E6	1031.8E6	38.264	32.705
8)	B Heptachlo...	5.689	4.868	217.8E6	1123.6E6	44.388	40.572
9)	A Endosulfan I	6.072	5.242	206.8E6	1067.9E6	44.819	40.725
10)	B gamma-Chl...	5.944	5.121	218.7E6	1190.9E6	44.716	40.218
11)	B alpha-Chl...	6.025	5.185	217.9E6	1146.1E6	44.274	40.162
12)	B 4,4'-DDE	6.194	5.370	198.0E6	1164.8E6	45.125	40.413
13)	MA Dieldrin	6.345	5.508	221.8E6	1180.4E6	45.306	40.303
14)	MA Endrin	6.573	5.784	185.3E6	1051.4E6	44.718	39.478
15)	B Endosulfa...	6.785	6.076	186.0E6	1022.7E6	44.084	40.430
16)	A 4,4'-DDD	6.703	5.925	159.2E6	984.1E6	46.023	40.929
17)	MA 4,4'-DDT	7.019	6.178	157.7E6	949.9E6	41.389	37.890
18)	B Endrin al...	6.914	6.254	139.8E6	765.7E6	48.770	44.465
19)	B Endosulfa...	7.148	6.477	169.9E6	959.6E6	43.351	39.361
20)	A Methoxychlor	7.492	6.749	81668795	504.9E6	40.720	39.152
21)	B Endrin ke...	7.628	6.986	189.3E6	1097.0E6	45.684	41.173
22)	Mirex	8.112	7.180	138.4E6	822.6E6	43.864	39.826

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082825\
Data File : PD090068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2025 17:03
Operator : AR\AJ
Sample : Q2970-25MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

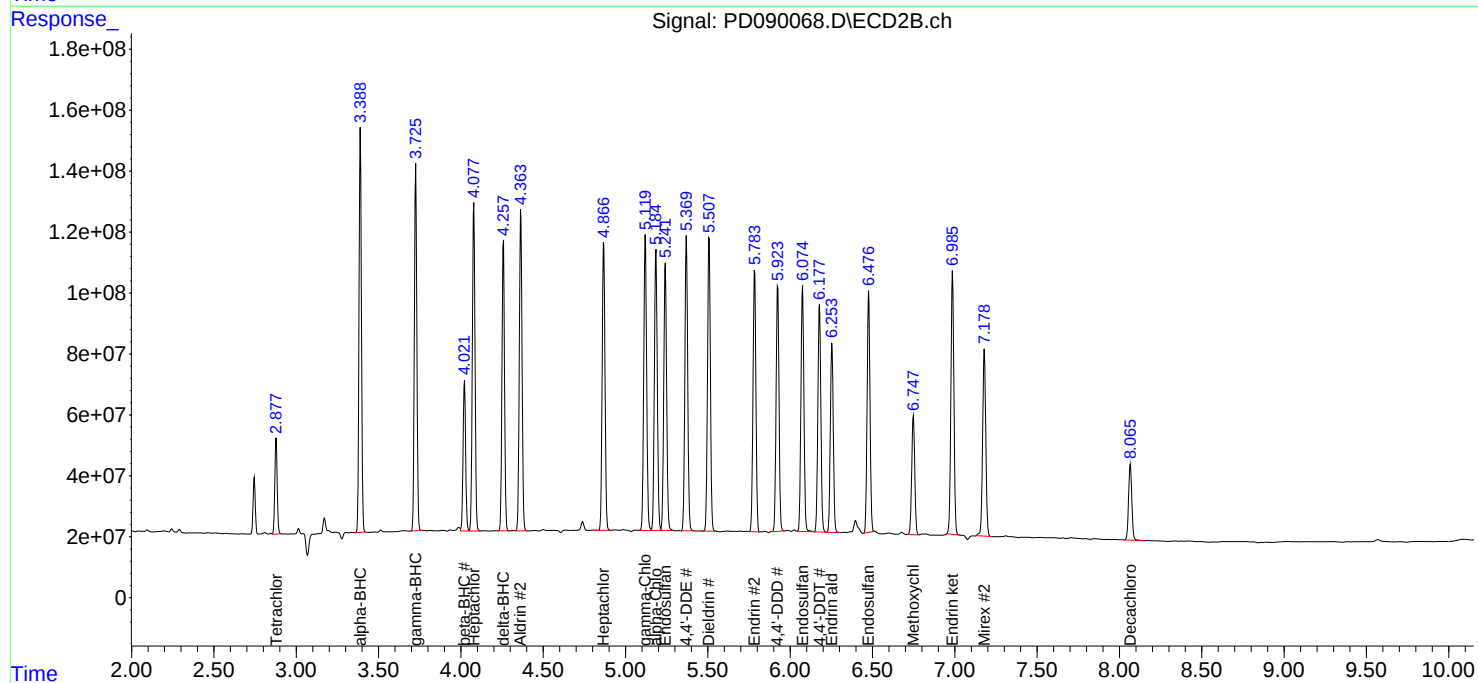
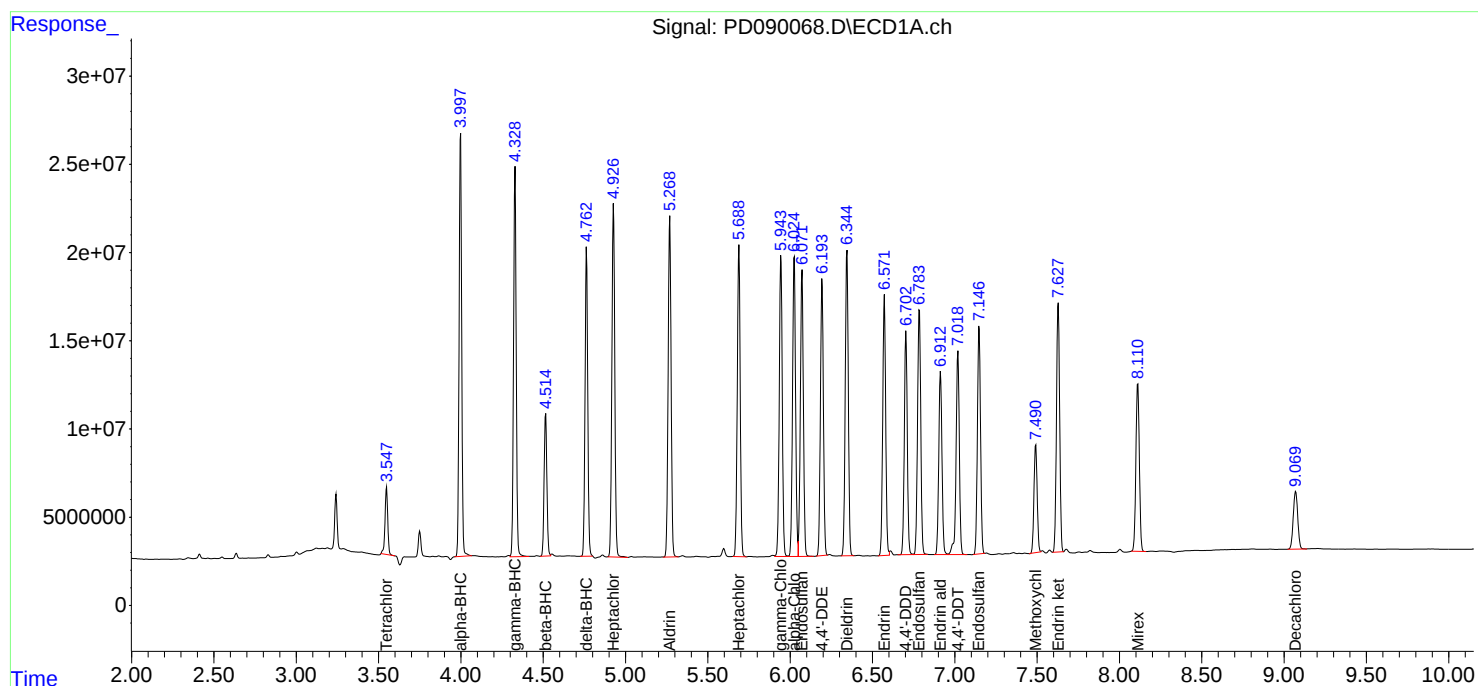
Instrument :
ECD_D
ClientSampleId :
TP6MSD

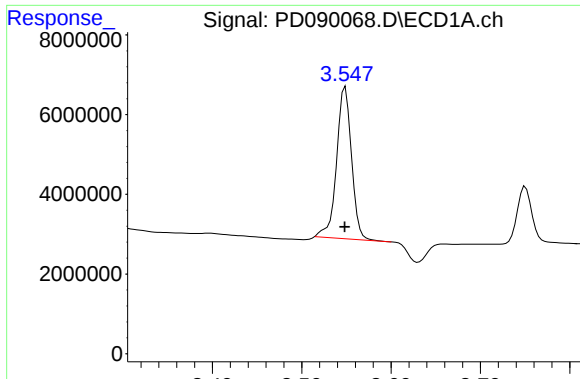
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 23:28:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





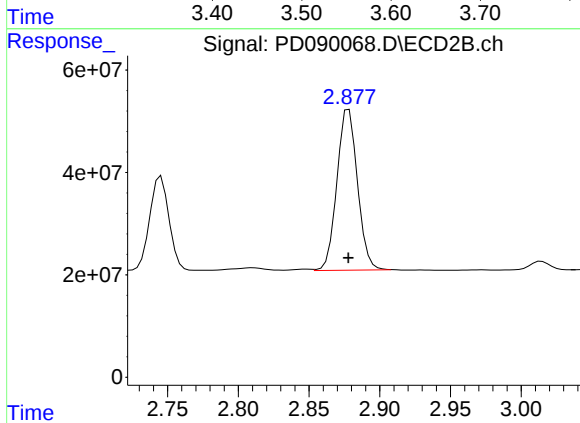
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 44078017
Conc: 15.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

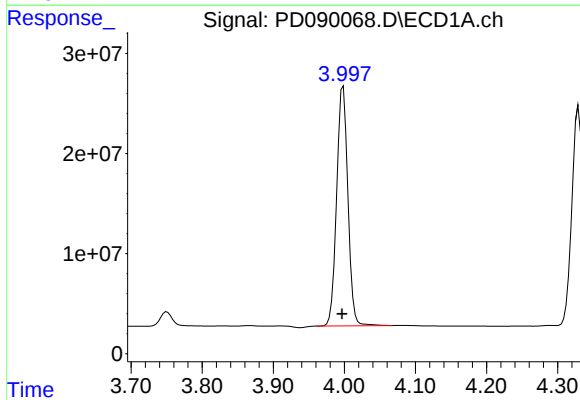
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



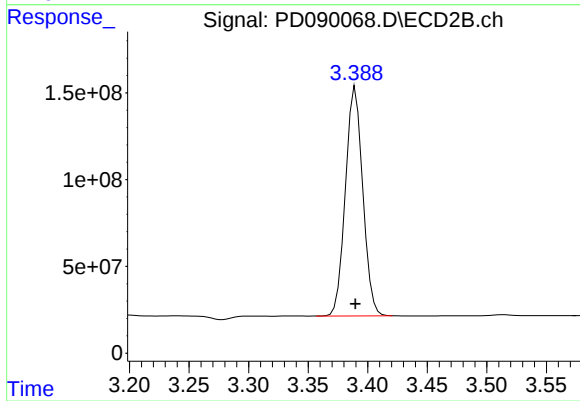
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 318632815
Conc: 14.45 ng/ml m



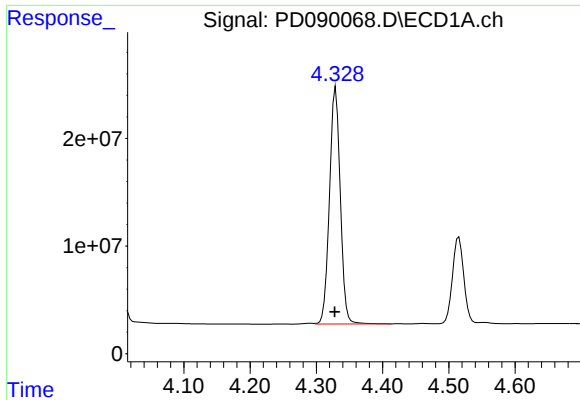
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 262859280
Conc: 43.79 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 1339969774
Conc: 39.48 ng/ml m



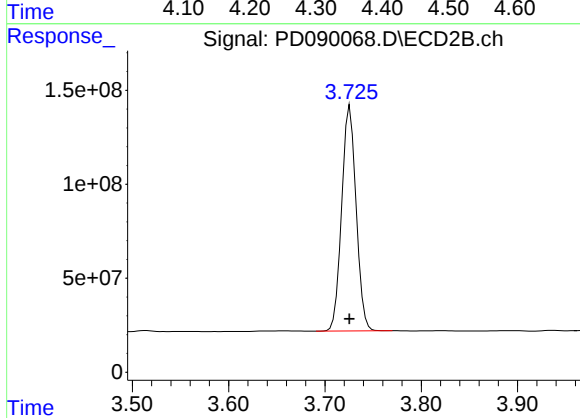
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 249544295
Conc: 43.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

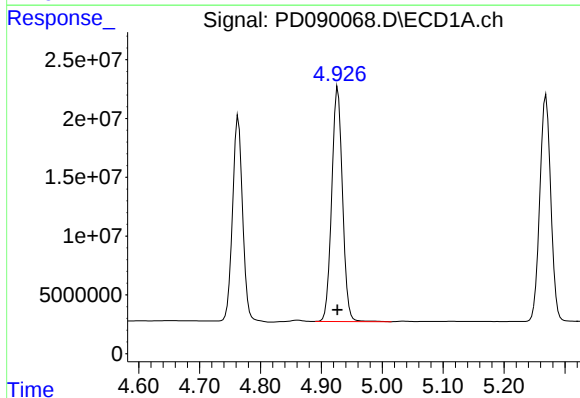
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



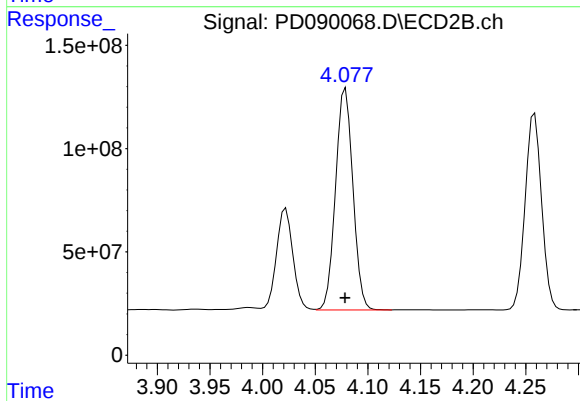
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1243511062
Conc: 39.89 ng/ml



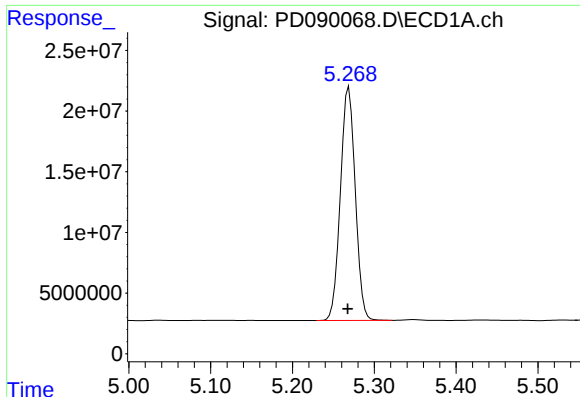
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 244805708
Conc: 43.64 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1231355340
Conc: 39.48 ng/ml



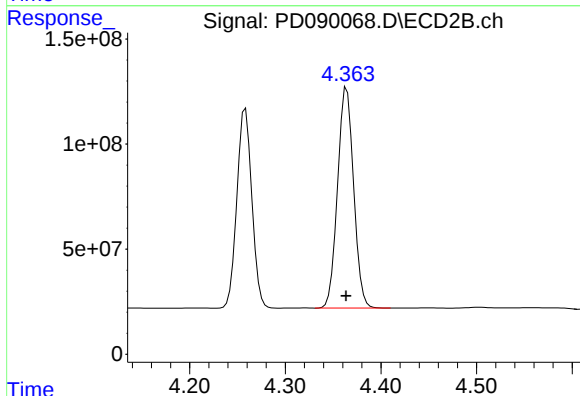
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 241782555
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

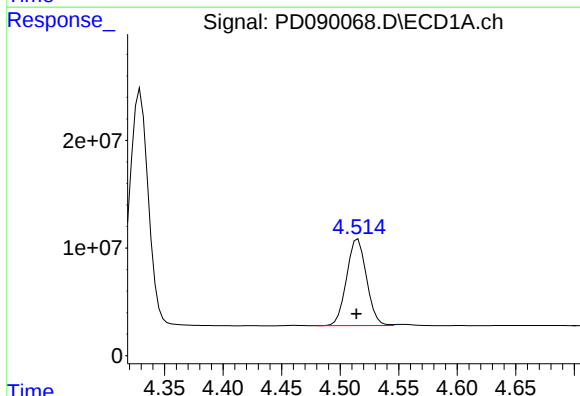
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



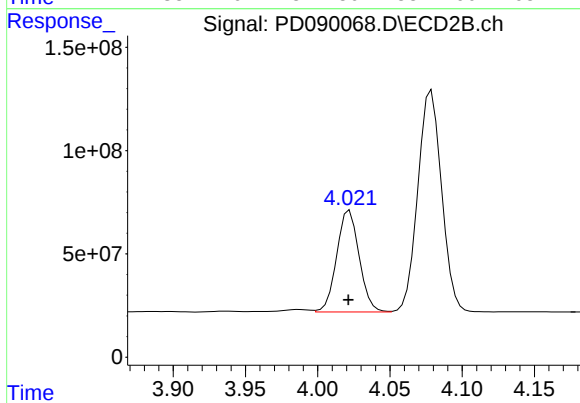
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1227077906
Conc: 40.29 ng/ml



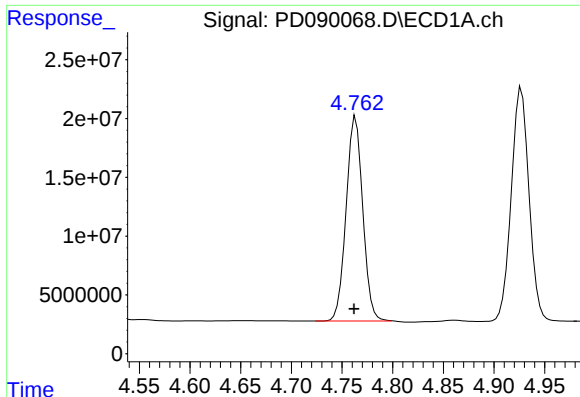
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 95194380
Conc: 42.44 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 531653074
Conc: 39.88 ng/ml



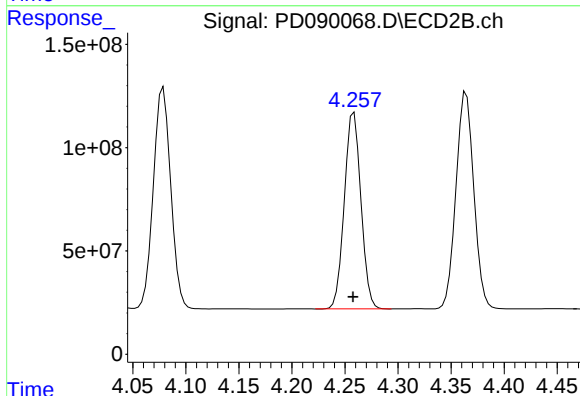
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.002 min
Response: 198119302
Conc: 38.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

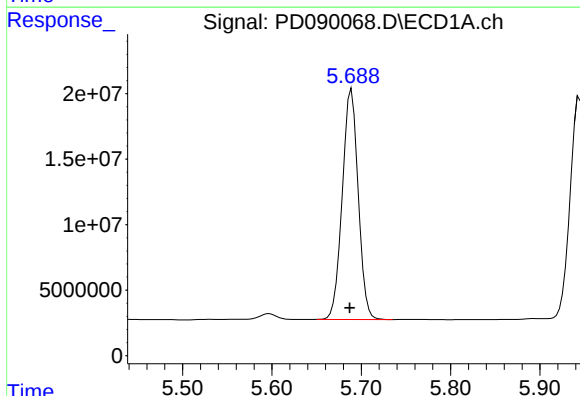
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



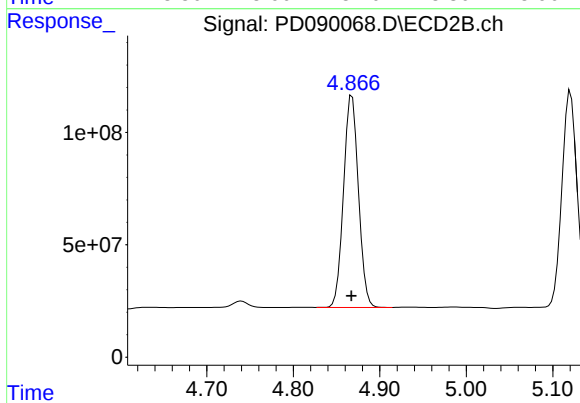
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1031838447
Conc: 32.71 ng/ml



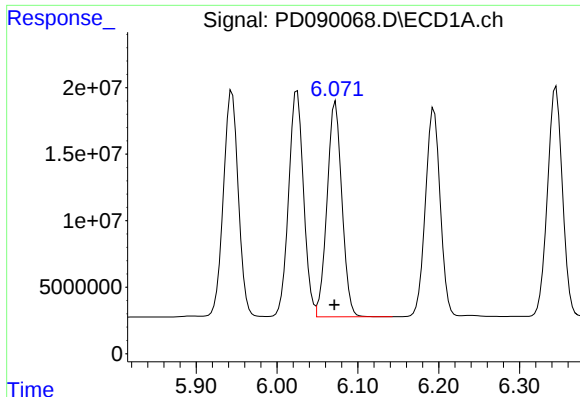
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 217802620
Conc: 44.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1123633819
Conc: 40.57 ng/ml



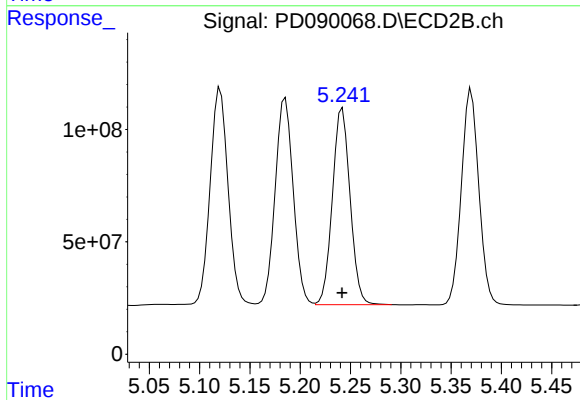
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 206832486
Conc: 44.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

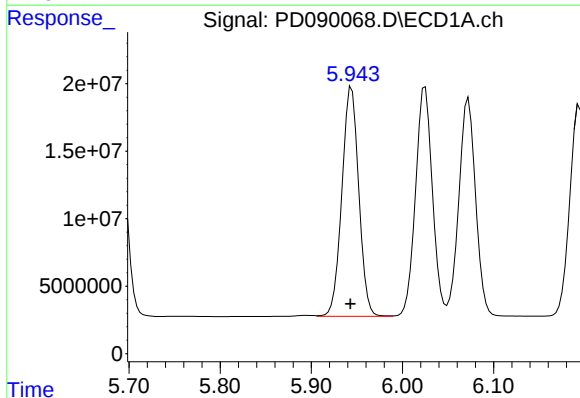
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



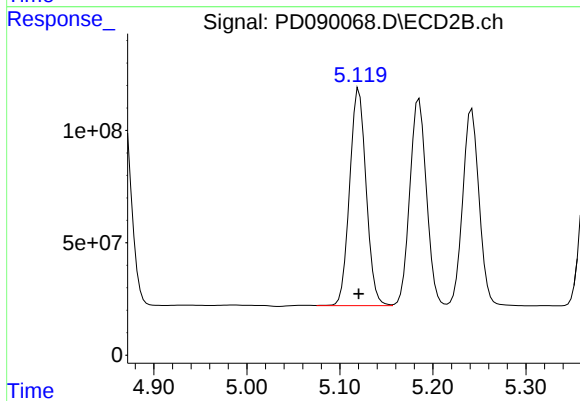
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1067873855
Conc: 40.72 ng/ml



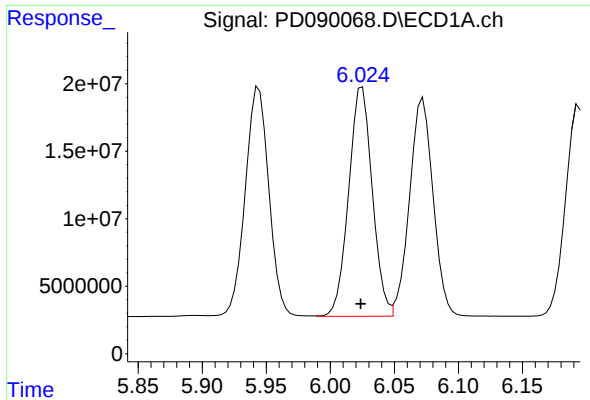
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 218707066
Conc: 44.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 1190910234
Conc: 40.22 ng/ml



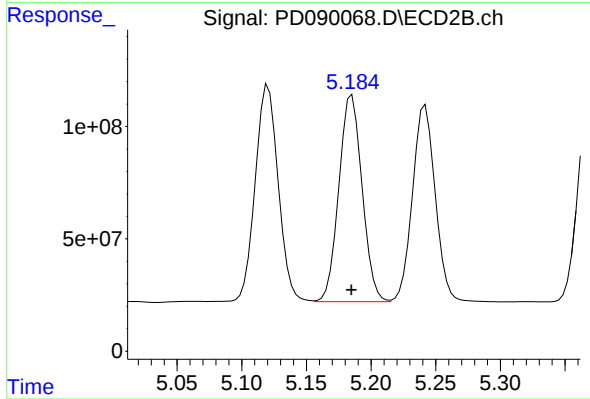
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 217933336
Conc: 44.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

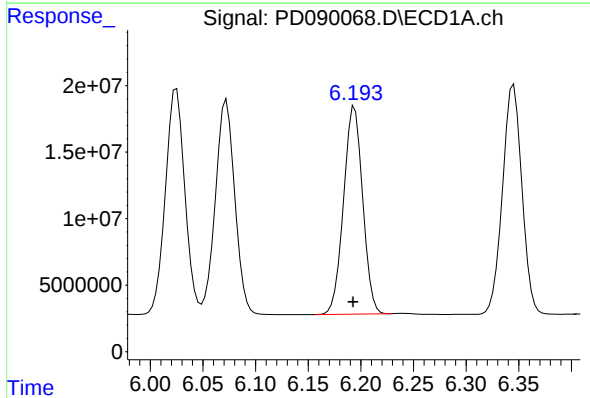
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



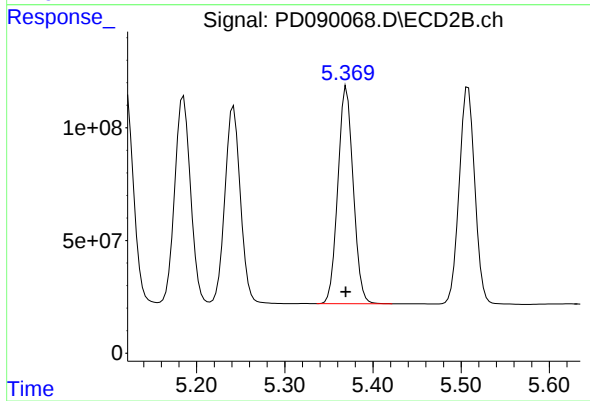
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1146149904
Conc: 40.16 ng/ml



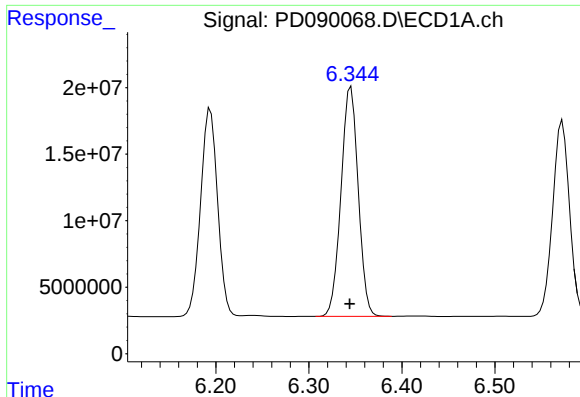
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 198020384
Conc: 45.12 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1164804190
Conc: 40.41 ng/ml



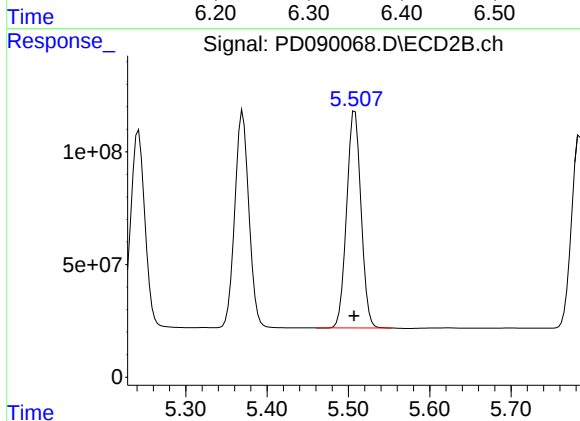
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 221806291
Conc: 45.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

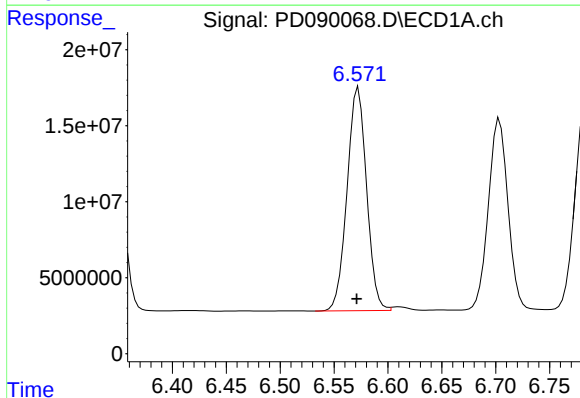
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



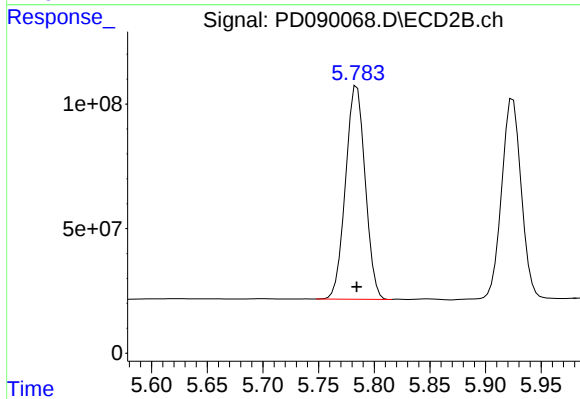
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1180361513
Conc: 40.30 ng/ml



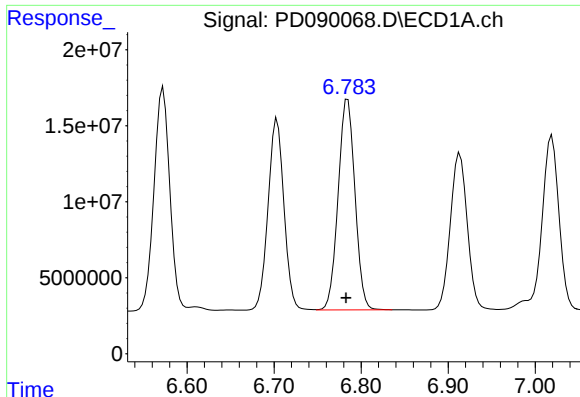
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 185293387
Conc: 44.72 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1051392016
Conc: 39.48 ng/ml



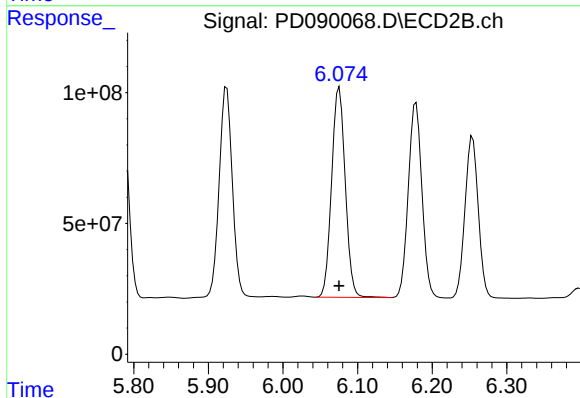
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.002 min
Response: 186023389
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

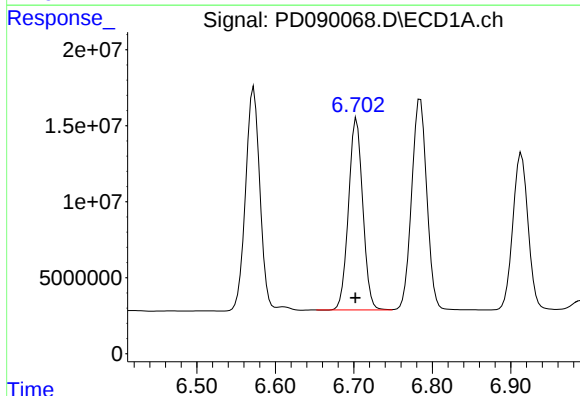
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



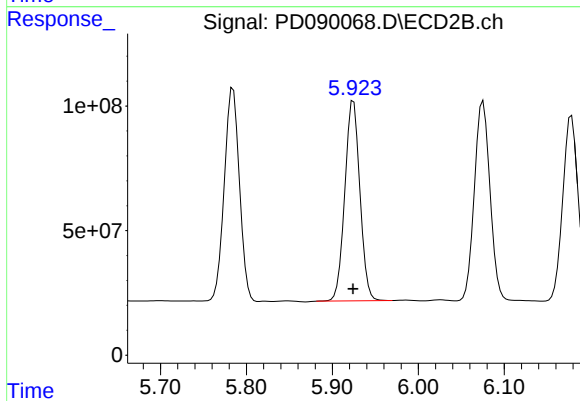
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1022658030
Conc: 40.43 ng/ml



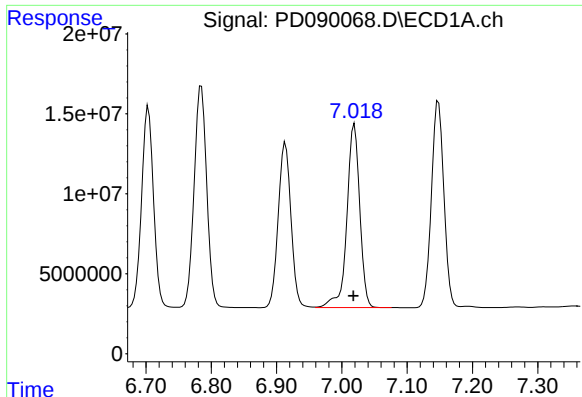
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.002 min
Response: 159198405
Conc: 46.02 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 984089100
Conc: 40.93 ng/ml



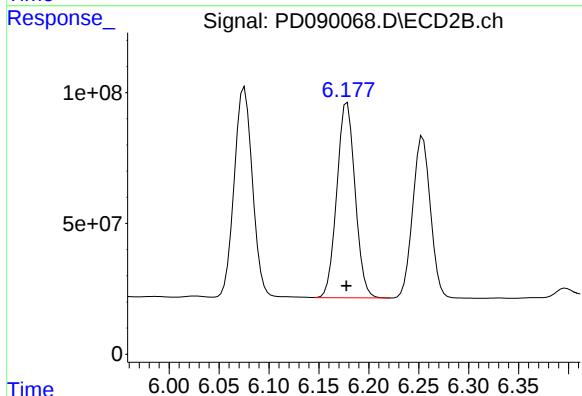
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 157681843
Conc: 41.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

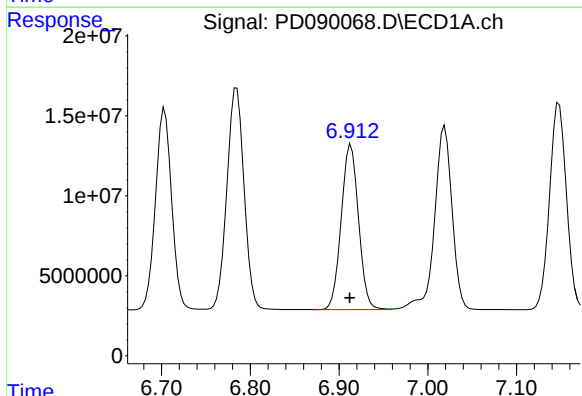
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



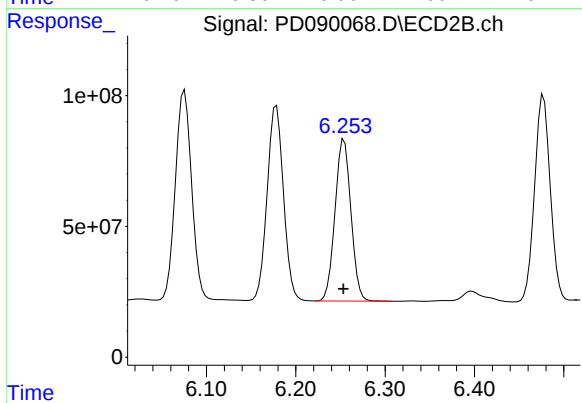
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 949896692
Conc: 37.89 ng/ml



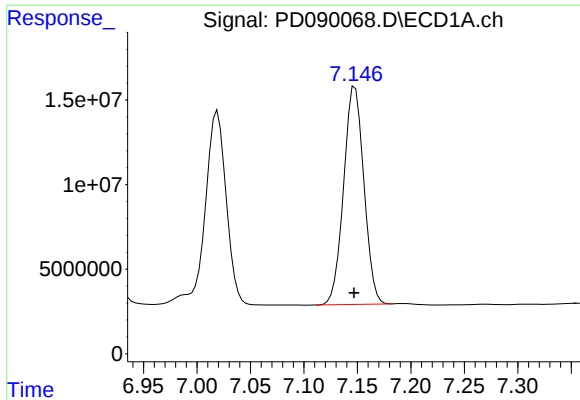
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.001 min
Response: 139829834
Conc: 48.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 765687720
Conc: 44.47 ng/ml



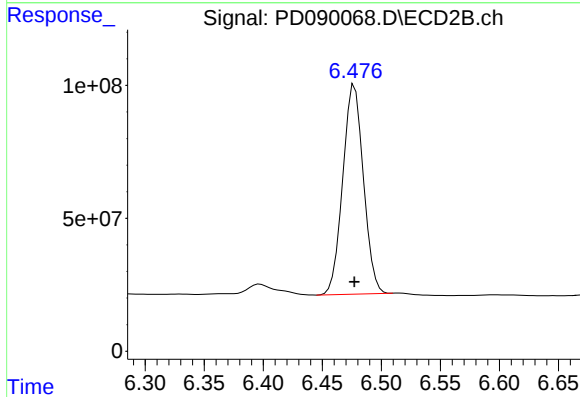
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.001 min
Response: 169871635
Conc: 43.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

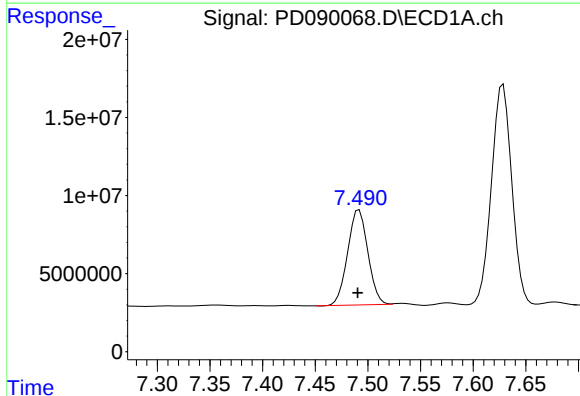
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



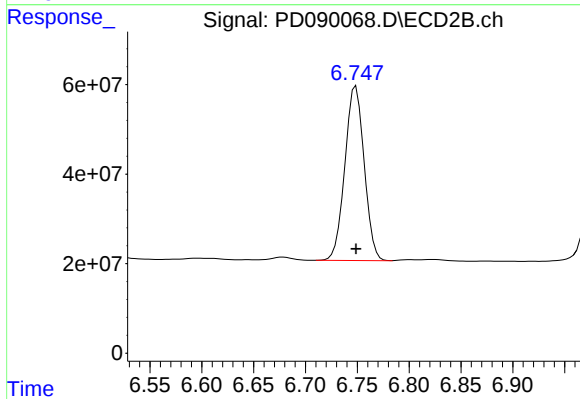
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 959593241
Conc: 39.36 ng/ml



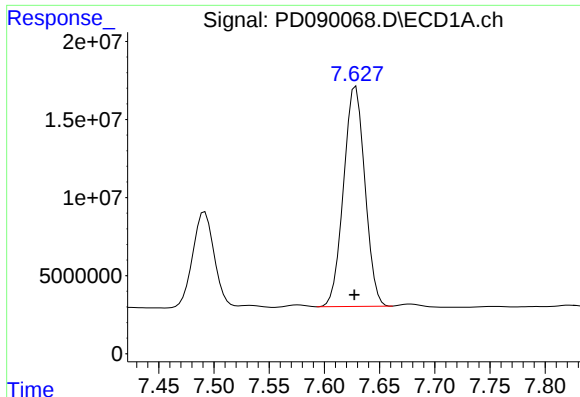
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.001 min
Response: 81668795
Conc: 40.72 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 504896174
Conc: 39.15 ng/ml



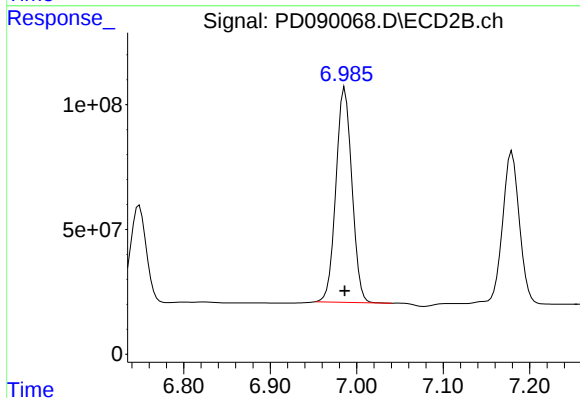
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.001 min
Response: 189339621
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

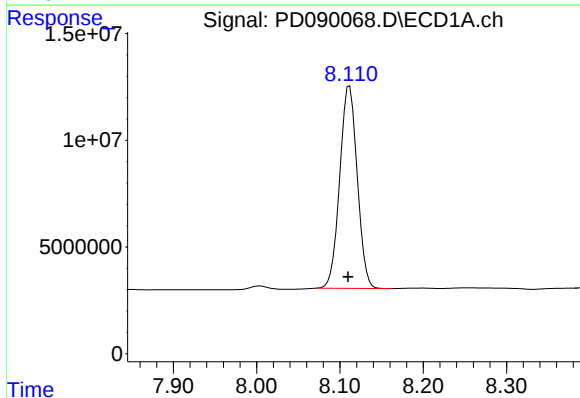
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



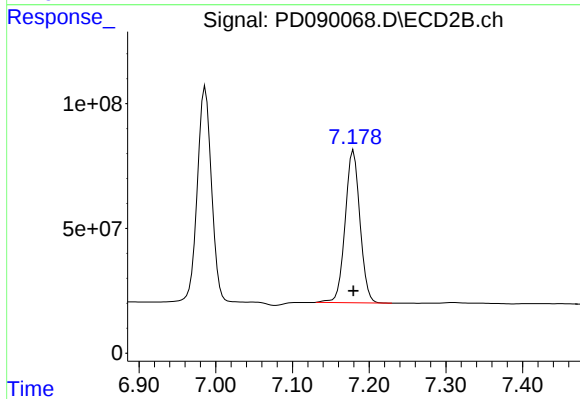
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 1097039313
Conc: 41.17 ng/ml



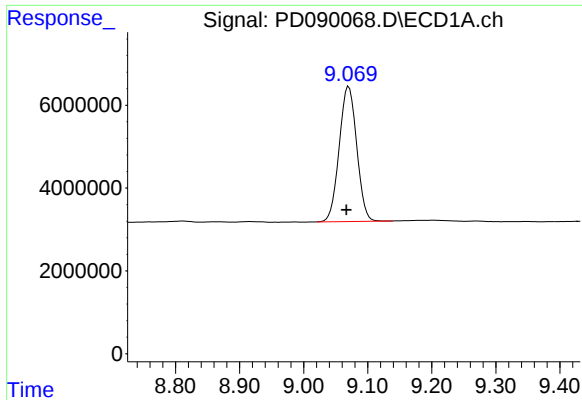
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.002 min
Response: 138368050
Conc: 43.86 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 822628213
Conc: 39.83 ng/ml



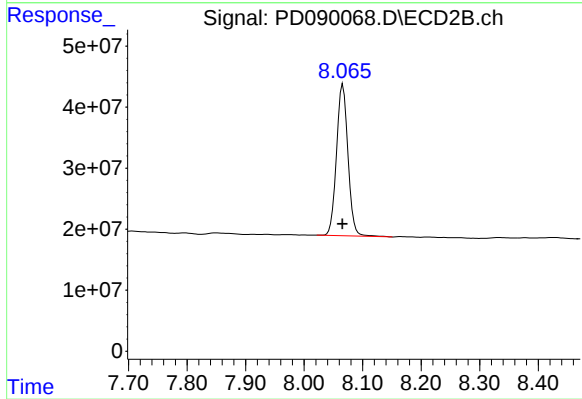
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 61849446
Conc: 14.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP6MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 337503055
Conc: 13.04 ng/ml