

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092325\
 Data File : PL097359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 10:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/24/2025
 Supervised By : mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:26:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.527	2.822	239.1E6	344.5E6	52.825	52.394
28)	SA Decachlor...	9.003	7.984	174.3E6	279.3E6	53.255	49.072
Target Compounds							
2)	A alpha-BHC	3.974	3.328	376.7E6	531.4E6	53.909	53.364
3)	MA gamma-BHC...	4.302	3.659	359.9E6	490.1E6	54.415	52.618
4)	MA Heptachlor	4.893	4.007	340.0E6	468.9E6	50.967	50.387
5)	MB Aldrin	5.232	4.289	331.7E6	453.2E6	52.377	52.212
6)	B beta-BHC	4.489	3.956	144.1E6	205.3E6	52.852	50.545
7)	B delta-BHC	4.734	4.188	329.9E6	478.4E6	54.360m	52.039
8)	B Heptachlo...	5.652	4.791	298.4E6	406.8E6	51.915	51.294
9)	A Endosulfan I	6.034	5.162	269.5E6	373.9E6	52.005	48.664
10)	B gamma-Chl...	5.906	5.043	297.1E6	428.9E6	52.544	49.103
11)	B alpha-Chl...	5.986	5.108	294.1E6	418.6E6	51.782	50.427
12)	B 4,4'-DDE	6.157	5.296	254.4E6	397.9E6	53.395	51.775
13)	MA Dieldrin	6.306	5.427	286.3E6	424.3E6	52.223	51.894
14)	MA Endrin	6.533	5.702	227.6E6	356.9E6	49.327	47.520
15)	B Endosulfa...	6.746	5.994	248.8E6	357.6E6	50.576	50.307
16)	A 4,4'-DDD	6.666	5.849	222.0E6	345.0E6	58.889	53.501
17)	MA 4,4'-DDT	6.981	6.102	201.6E6	324.2E6	47.680	46.843
18)	B Endrin al...	6.875	6.172	163.7E6	261.0E6	53.109	48.893
19)	B Endosulfa...	7.109	6.396	212.2E6	338.0E6	51.969	49.339
20)	A Methoxychlor	7.453	6.674	96417789	165.4E6	46.235	43.867
21)	B Endrin ke...	7.589	6.900	229.8E6	386.0E6	54.142	51.254
22)	Mirex	8.066	7.089	172.1E6	289.3E6	48.470	48.388

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092325\
Data File : PL097359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

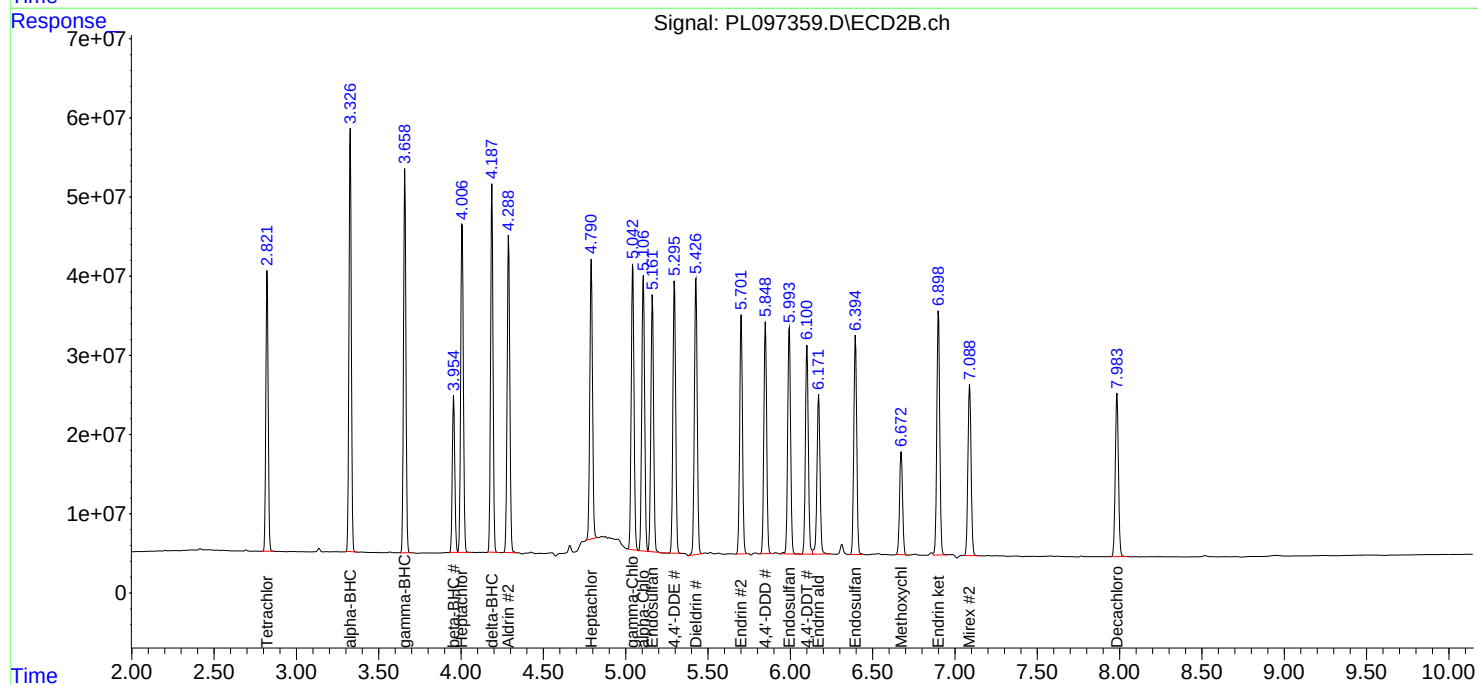
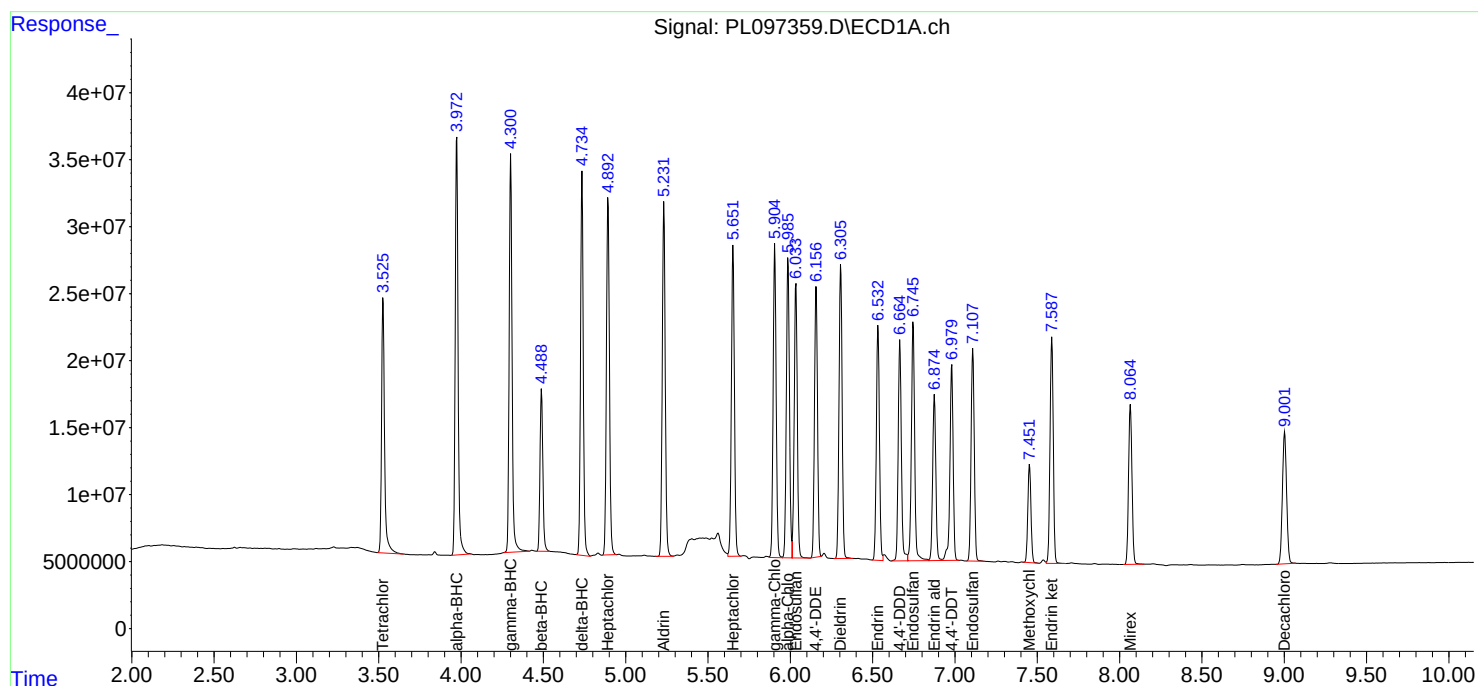
APPROVED

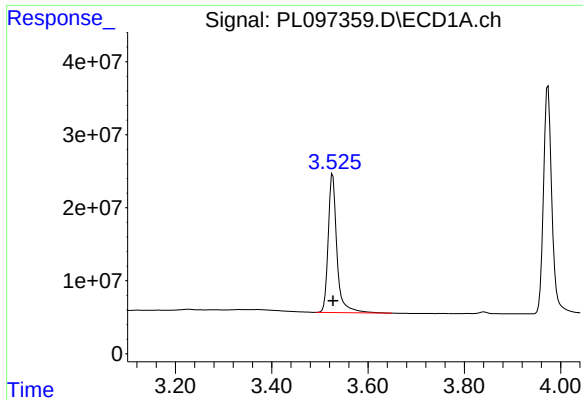
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:26:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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 x0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 239147254
Conc: 52.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

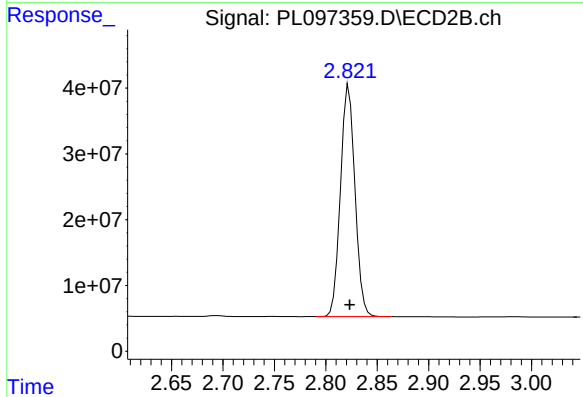
PSTDCCC050

Manual Integrations

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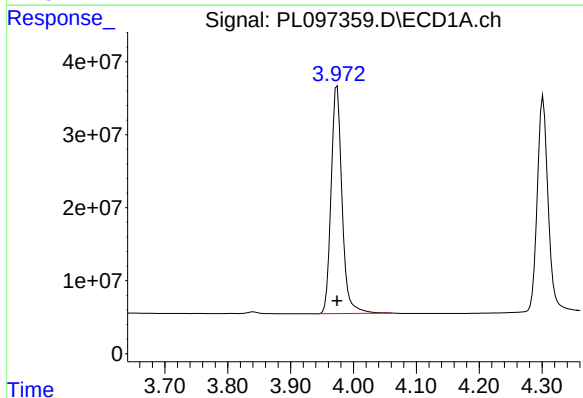
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025



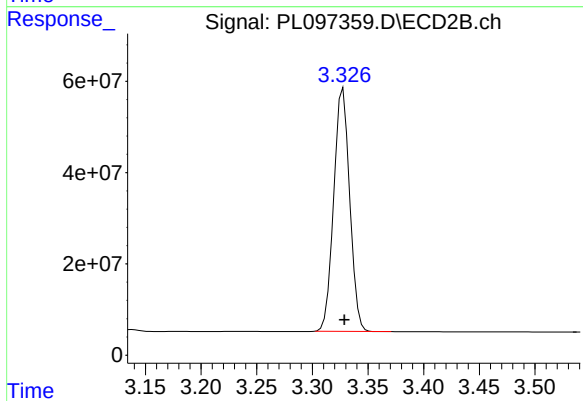
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 344519401
Conc: 52.39 ng/ml



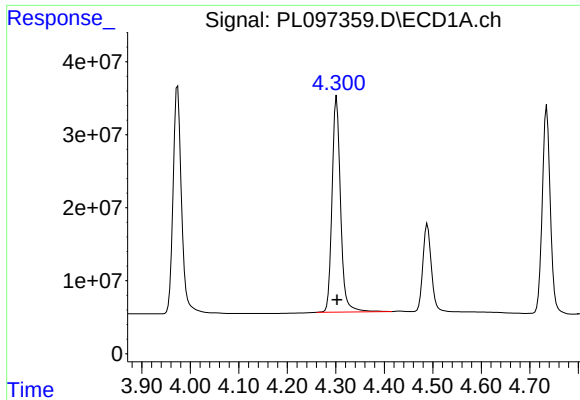
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 376684525
Conc: 53.91 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 531373323
Conc: 53.36 ng/ml



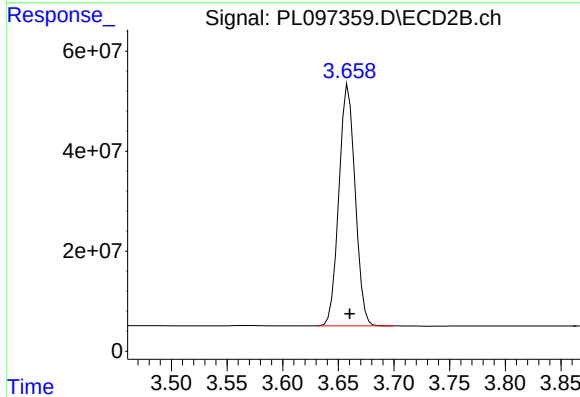
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 359851114
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

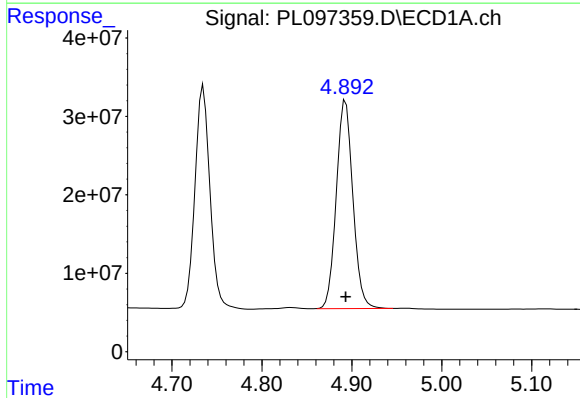
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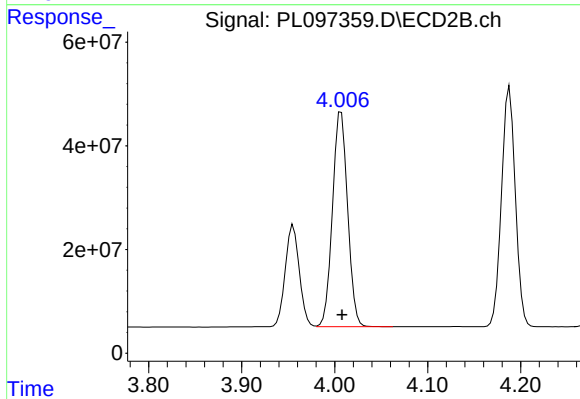
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 490115251
Conc: 52.62 ng/ml



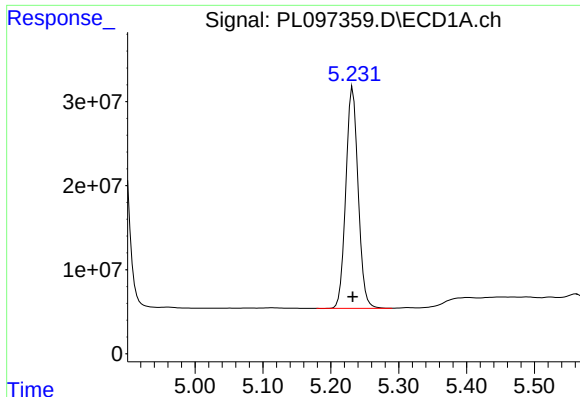
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 339954610
Conc: 50.97 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 468859352
Conc: 50.39 ng/ml



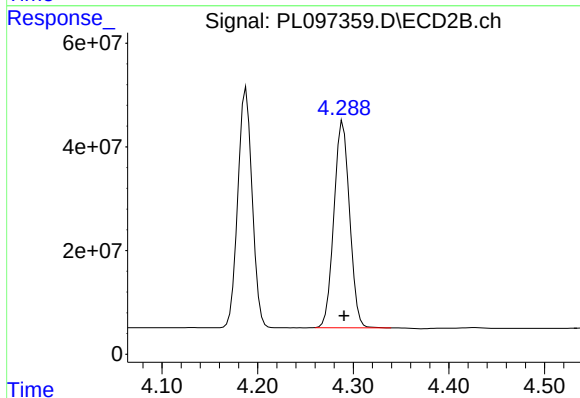
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 331746578
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

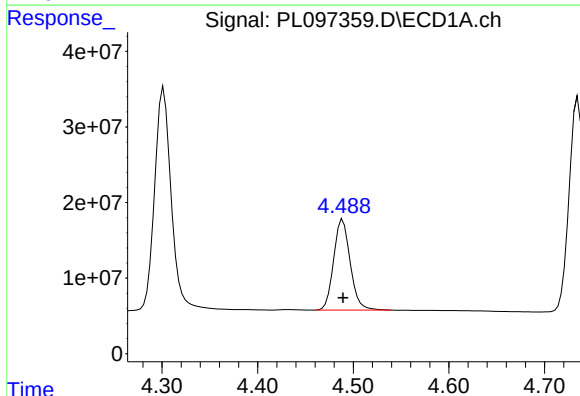
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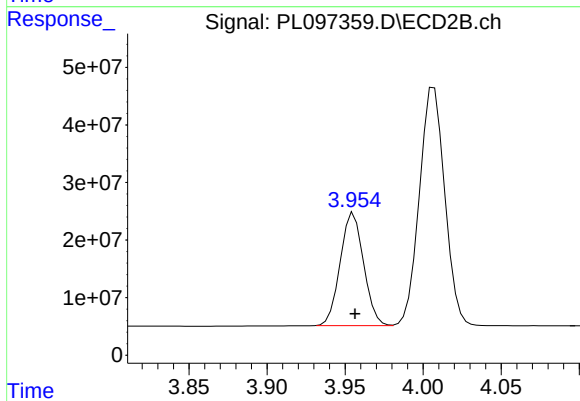
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 453161131
Conc: 52.21 ng/ml



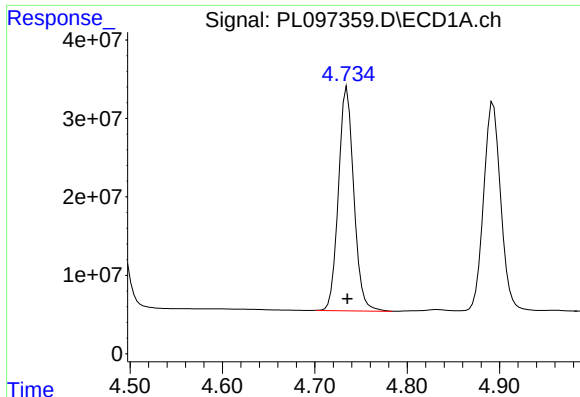
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 144082972
Conc: 52.85 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 205314844
Conc: 50.54 ng/ml



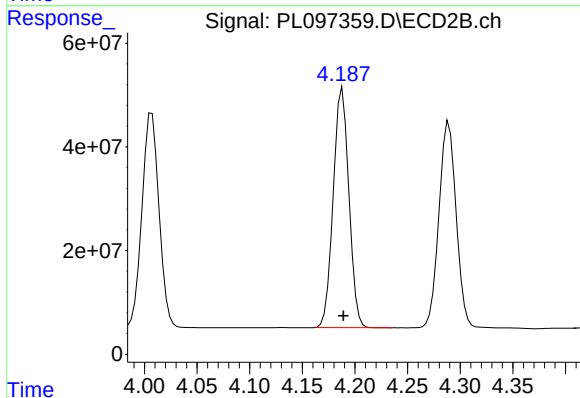
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 329876996
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

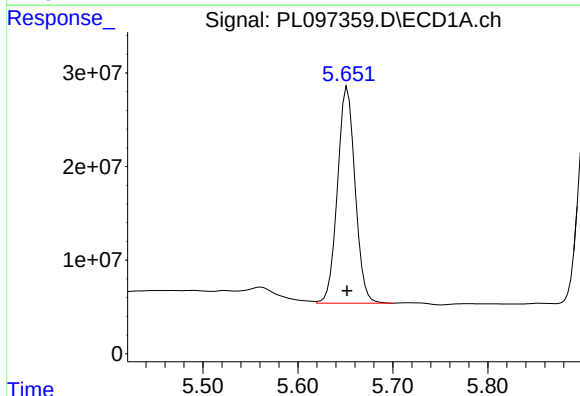
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Supervised By :mohammad ahmed 09/25/2025



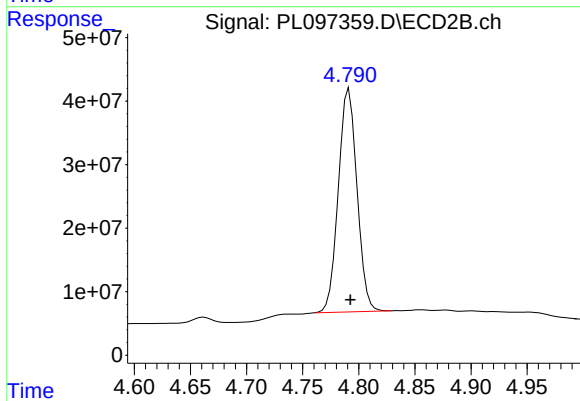
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 478351249
Conc: 52.04 ng/ml



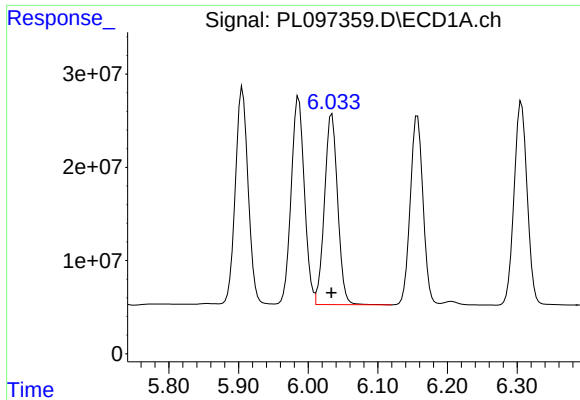
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 298351837
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 406836773
Conc: 51.29 ng/ml



#9 Endosulfan I

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 269456142
Conc: 52.01 ng/ml

Instrument :

ECD_L

ClientSampleId :

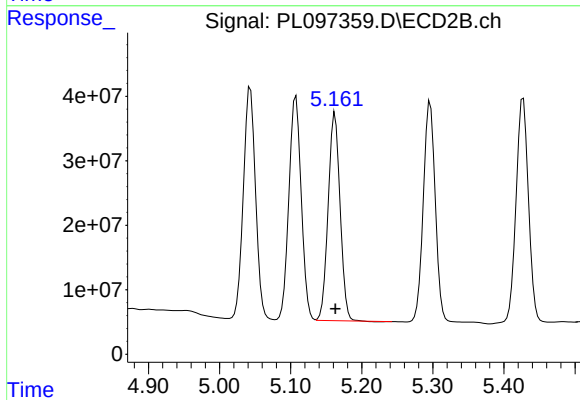
PSTDCCC050

Manual Integrations

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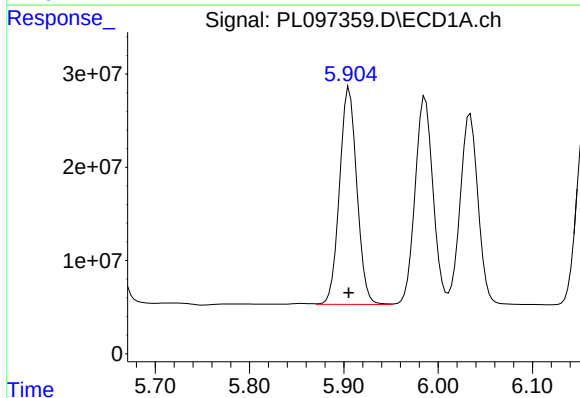
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025



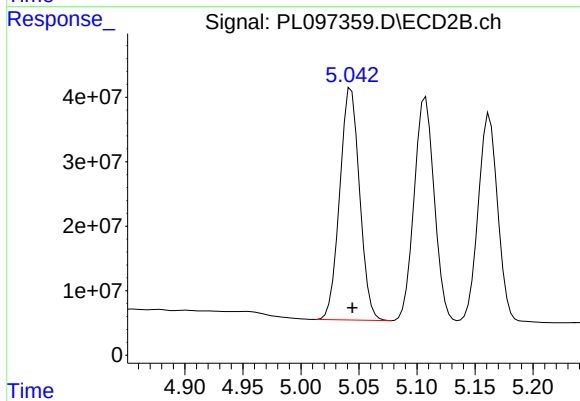
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 373915100
Conc: 48.66 ng/ml



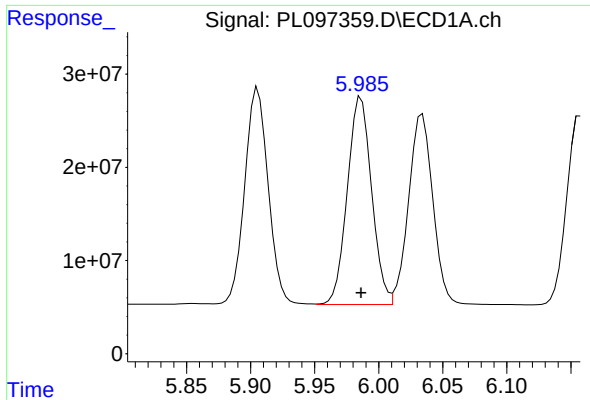
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 297056011
Conc: 52.54 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 428861004
Conc: 49.10 ng/ml



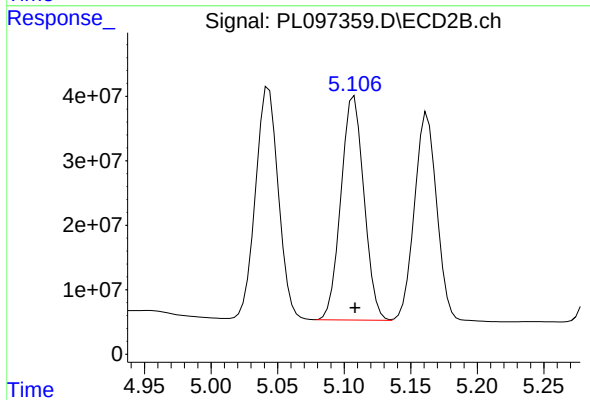
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 294118341
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

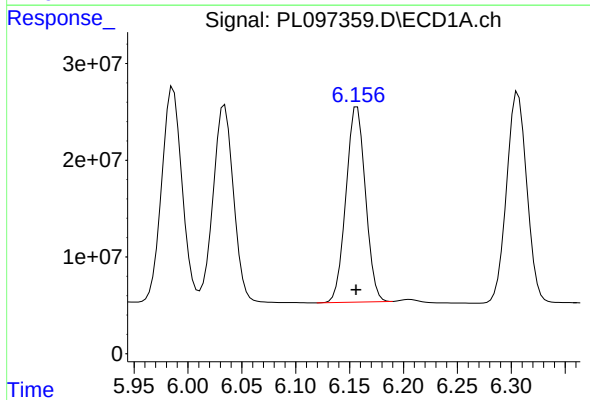
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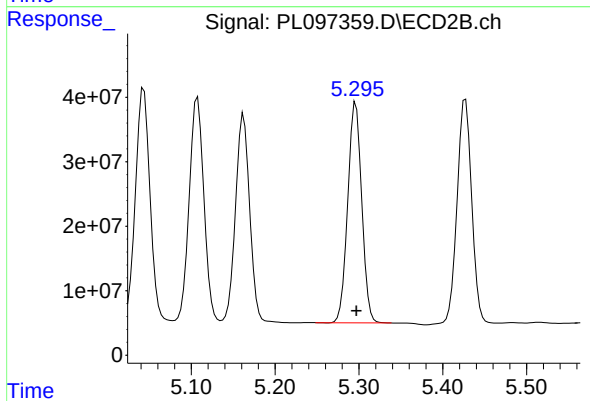
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 418572696
Conc: 50.43 ng/ml



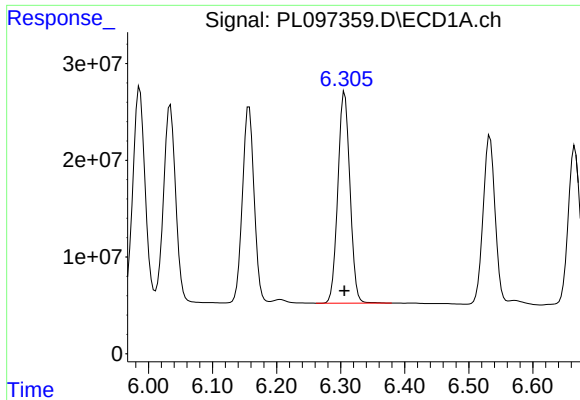
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 254410318
Conc: 53.39 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 397876155
Conc: 51.77 ng/ml



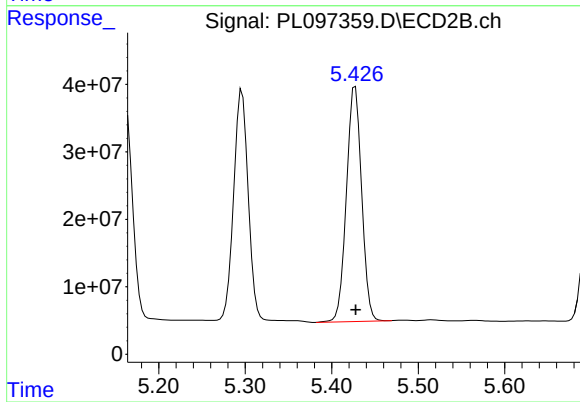
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 286297059
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

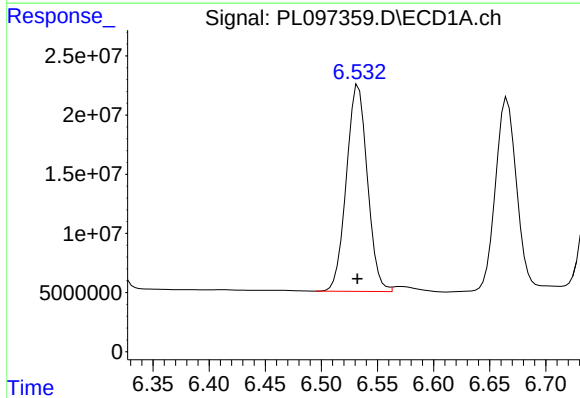
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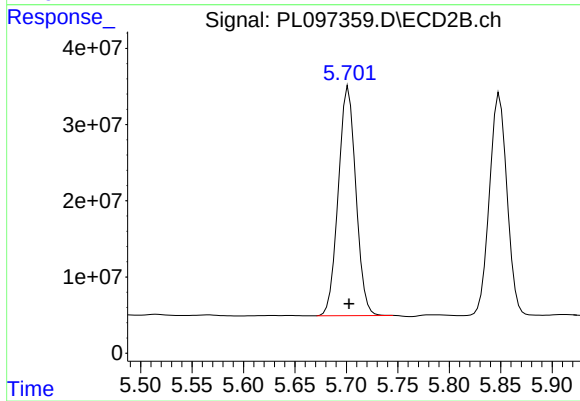
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 424326705
Conc: 51.89 ng/ml



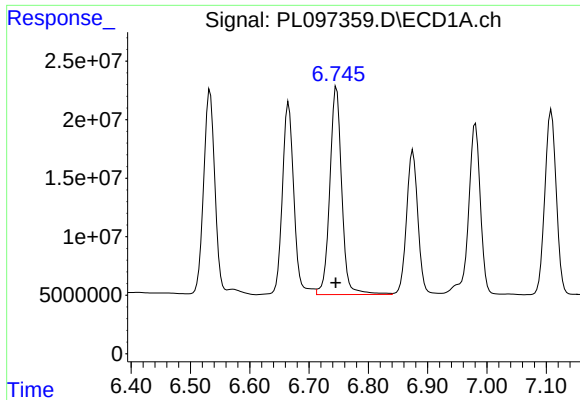
#14 Endrin

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 227552650
Conc: 49.33 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 356897836
Conc: 47.52 ng/ml



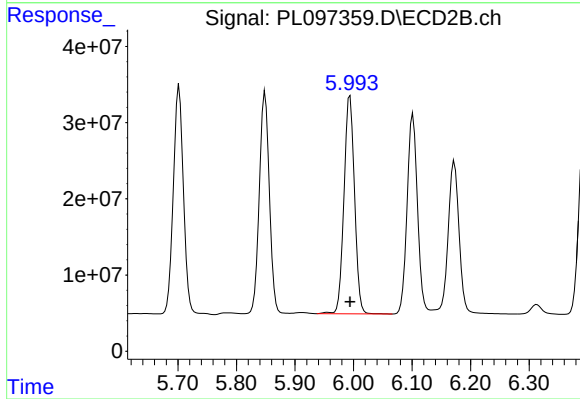
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 248752122
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

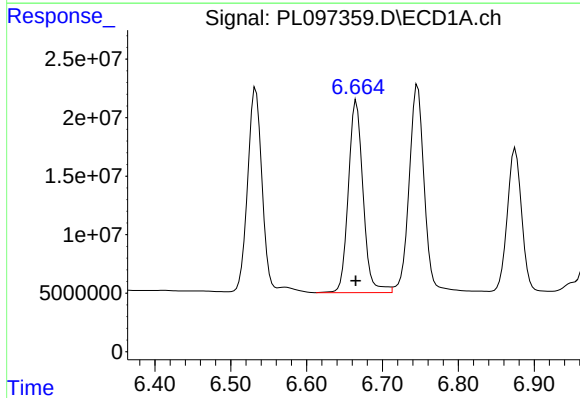
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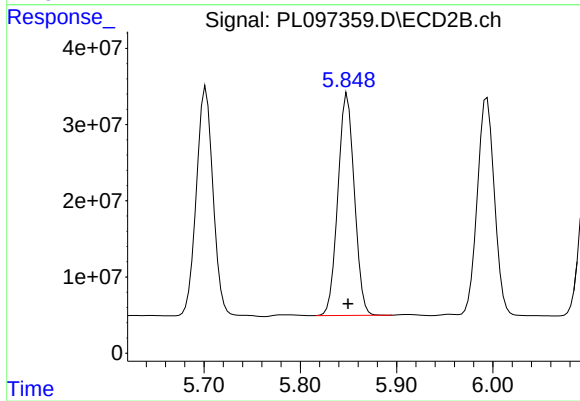
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 357645537
Conc: 50.31 ng/ml



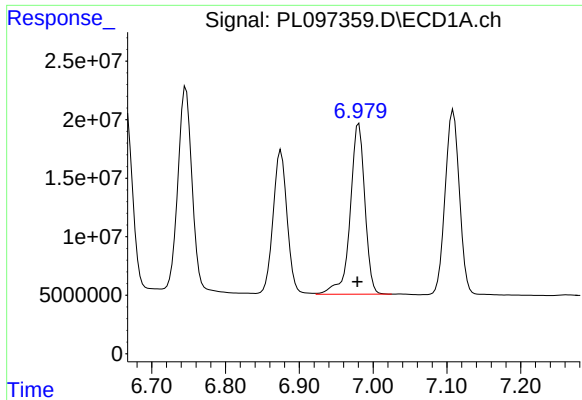
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 222043865
Conc: 58.89 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 345031398
Conc: 53.50 ng/ml



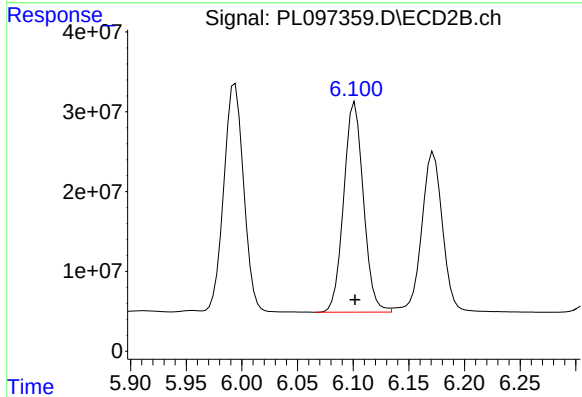
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 201553398
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

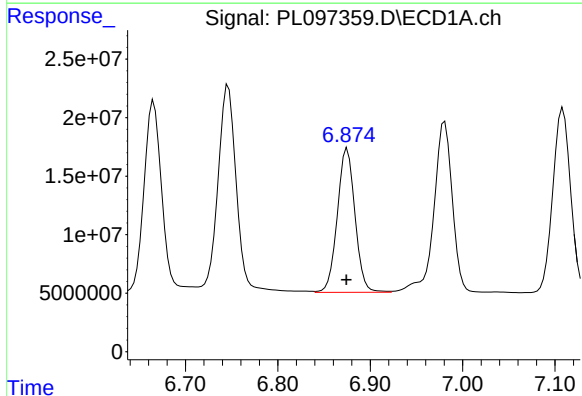
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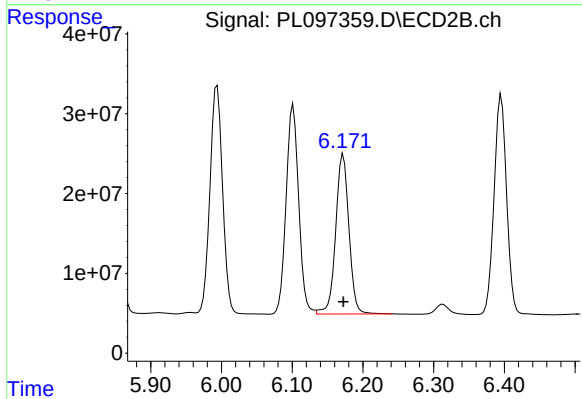
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 324175754
Conc: 46.84 ng/ml



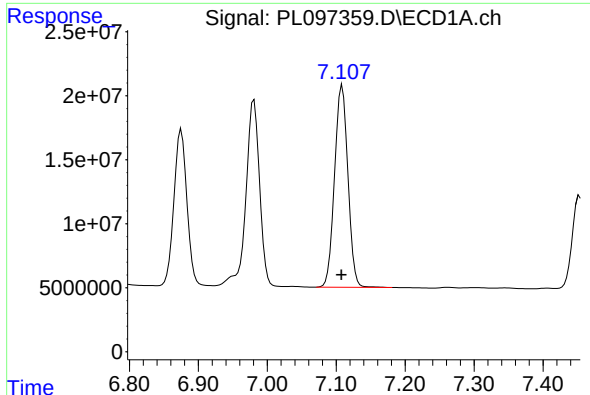
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.001 min
Response: 163724845
Conc: 53.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 260963610
Conc: 48.89 ng/ml



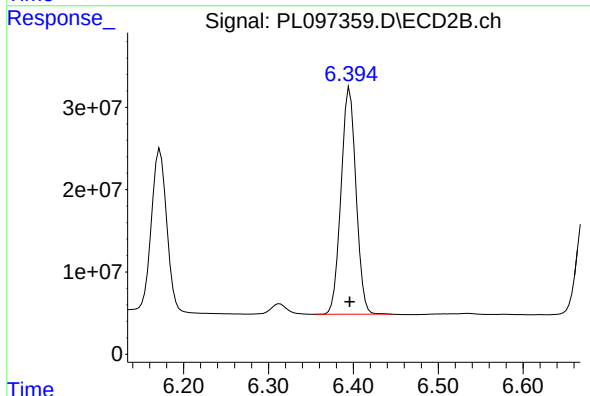
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 212173330
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

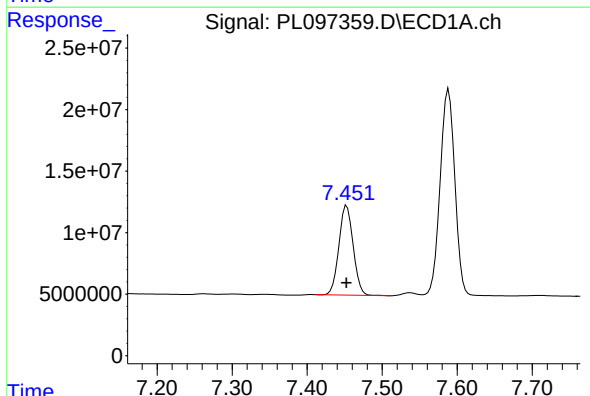
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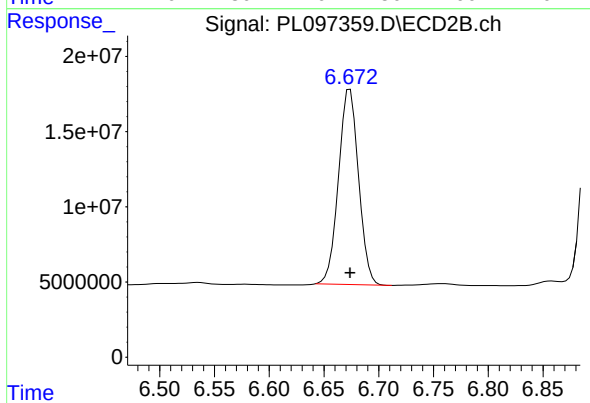
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 337964955
Conc: 49.34 ng/ml



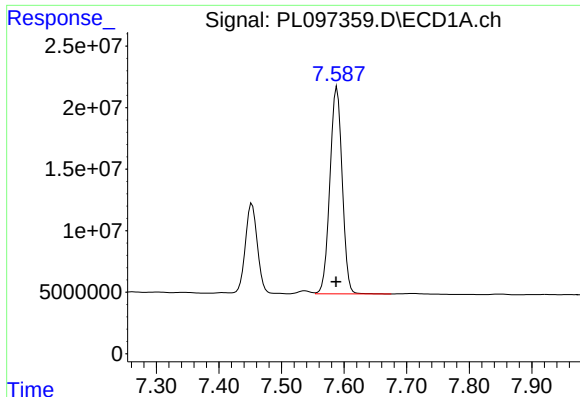
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 96417789
Conc: 46.24 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 165356549
Conc: 43.87 ng/ml



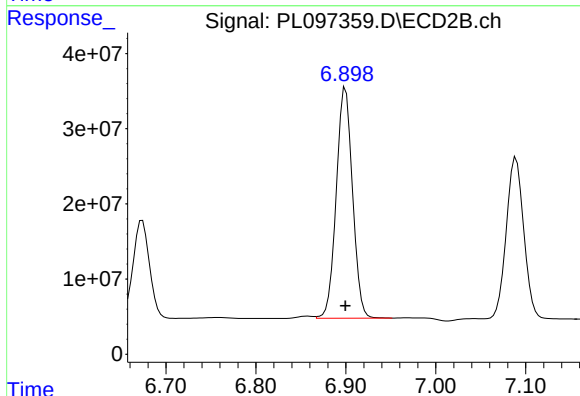
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.002 min
Response: 229798697
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

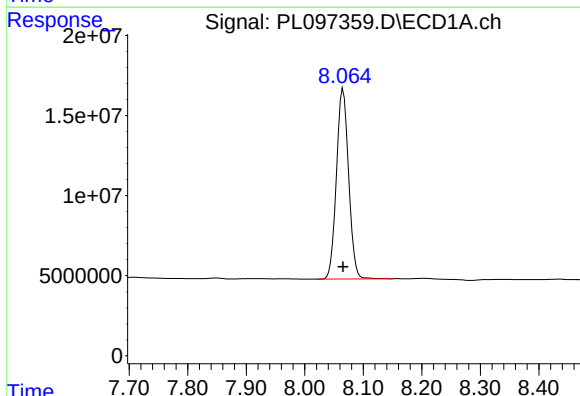
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Reviewed By :Abdul Mirza 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



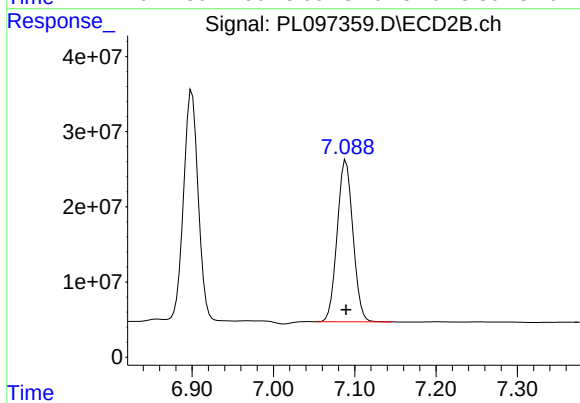
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 385958578
Conc: 51.25 ng/ml



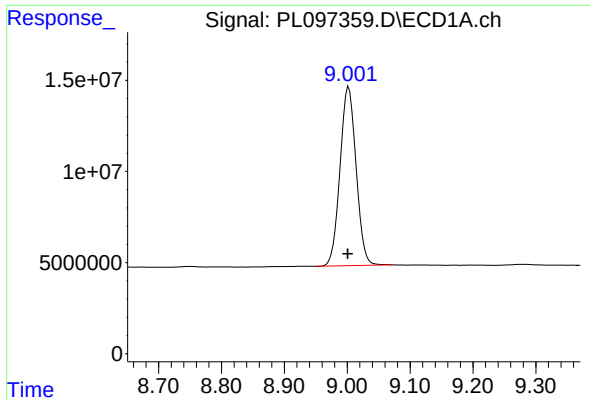
#22 Mirex

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 172084266
Conc: 48.47 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 289295751
Conc: 48.39 ng/ml



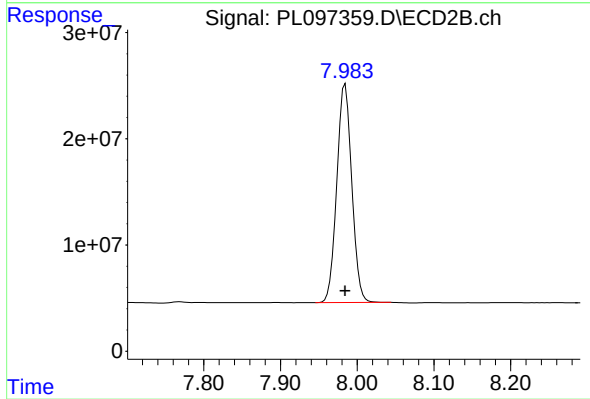
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: 0.002 min
Response: 174260598
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 279297056
Conc: 49.07 ng/ml