

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
 Data File : PL097286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 08:39
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL092025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/22/2025
 Supervised By : mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 09:03:58 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...	3.526	2.820	233.1E6	328.4E6	51.482	49.938
2)	SA Decachlor...	9.006	7.985	165.2E6	255.3E6	50.482	44.851
Target Compounds							
2)	A alpha-BHC	3.974	3.325	368.4E6	500.7E6	52.723	50.281
3)	MA gamma-BHC...	4.302	3.657	344.6E6	461.1E6	52.110	49.498
4)	MA Heptachlor	4.893	4.005	349.0E6	445.3E6	52.326	47.851
5)	MB Aldrin	5.233	4.288	325.9E6	418.1E6	51.460	48.168
6)	B beta-BHC	4.490	3.954	136.9E6	187.9E6	50.230	46.246
7)	B delta-BHC	4.734	4.186	321.2E6	449.4E6	52.930m	48.893
8)	B Heptachlo...	5.651	4.789	306.1E6	376.2E6	53.263m	47.430m
9)	A Endosulfan I	6.034	5.161	264.5E6	345.6E6	51.051m	44.982
10)	B gamma-Chl...	5.905	5.042	288.6E6	406.9E6	51.050m	46.594
11)	B alpha-Chl...	5.986	5.107	285.1E6	401.4E6	50.192m	48.364
12)	B 4,4'-DDE	6.156	5.294	248.9E6	367.5E6	52.230m	47.821m
13)	MA Dieldrin	6.307	5.424	282.4E6	392.3E6	51.517	47.972m
14)	MA Endrin	6.532	5.701	241.9E6	351.7E6	52.445m	46.833
15)	B Endosulfa...	6.745	5.993	240.2E6	329.4E6	48.828m	46.333
16)	A 4,4'-DDD	6.666	5.848	191.1E6	297.9E6	50.687m	46.193
17)	MA 4,4'-DDT	6.982	6.101	229.3E6	328.0E6	54.236	47.389
18)	B Endrin al...	6.876	6.171	175.3E6	229.7E6	56.862	43.033
19)	B Endosulfa...	7.110	6.395	209.3E6	310.2E6	51.264	45.293
20)	A Methoxychlor	7.455	6.673	103.8E6	168.0E6	49.793	44.559
21)	B Endrin ke...	7.590	6.898	220.0E6	395.4E6	51.828	52.514m
22)	Mirex	8.068	7.089	174.4E6	269.2E6	49.109	45.026

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

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Data File : PL097286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:39
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

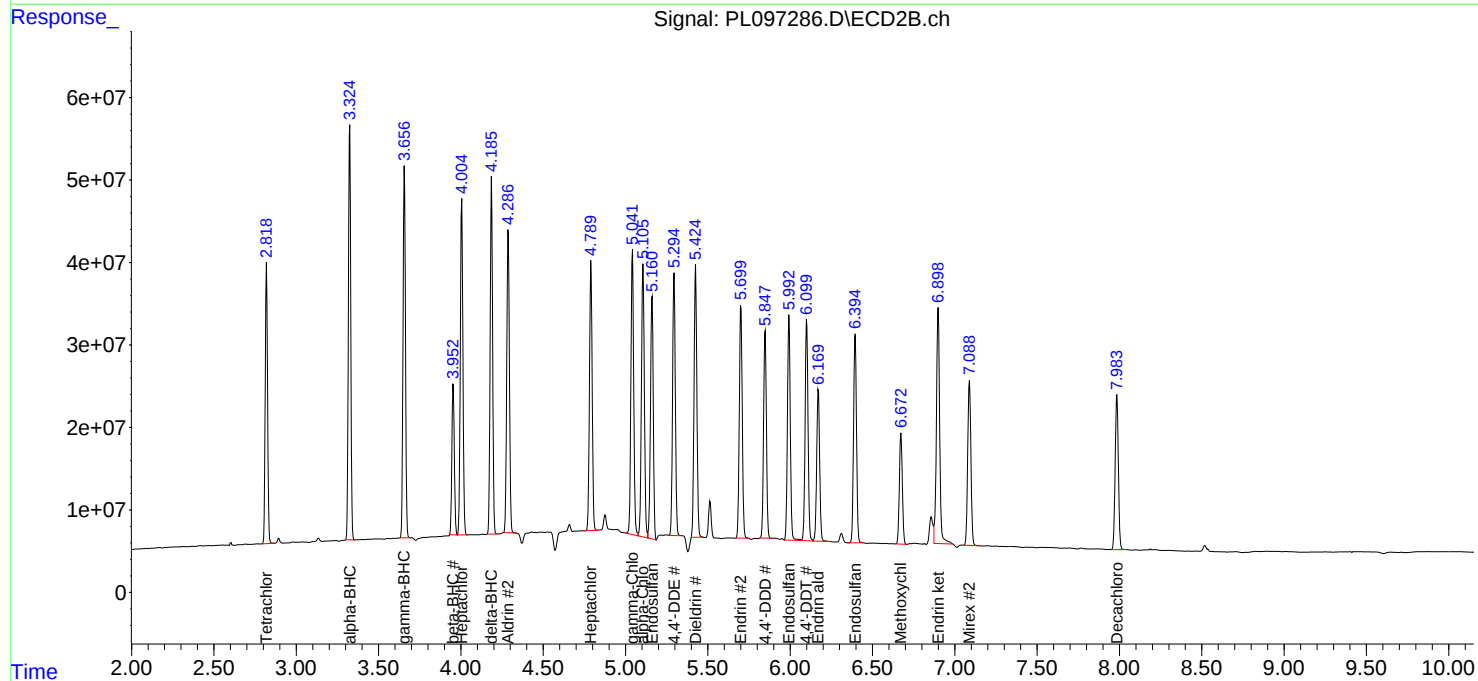
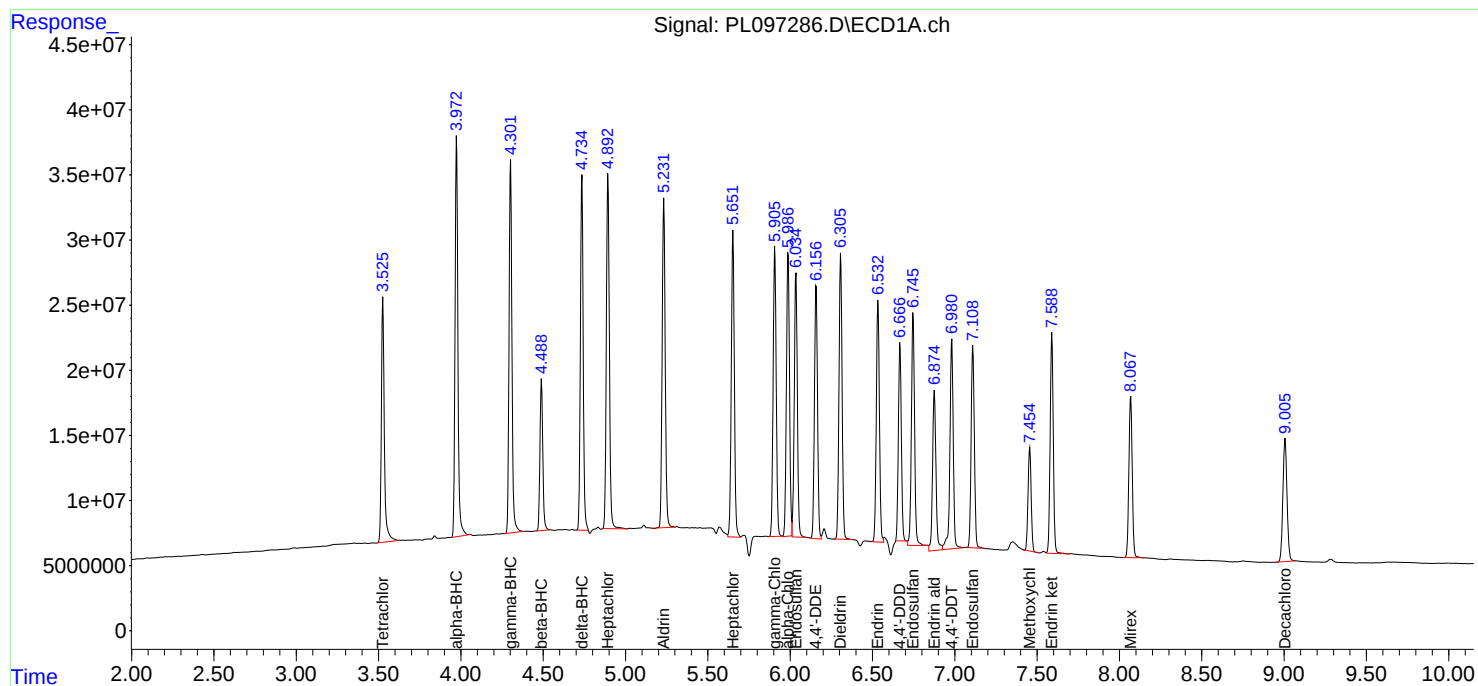
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

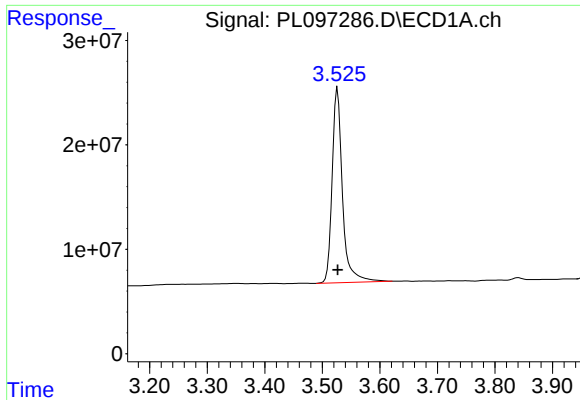
Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:03:58 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





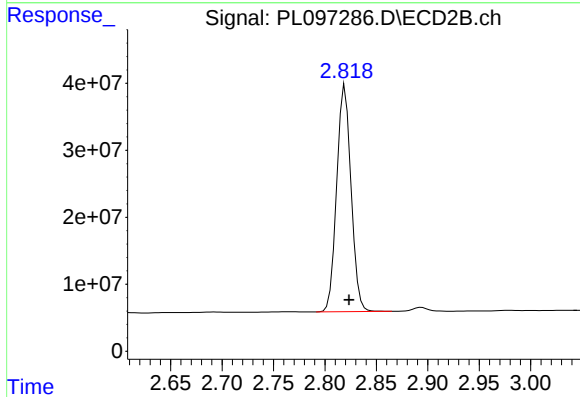
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 233069615
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

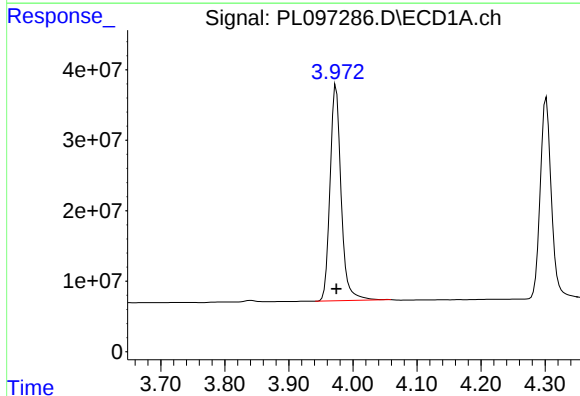
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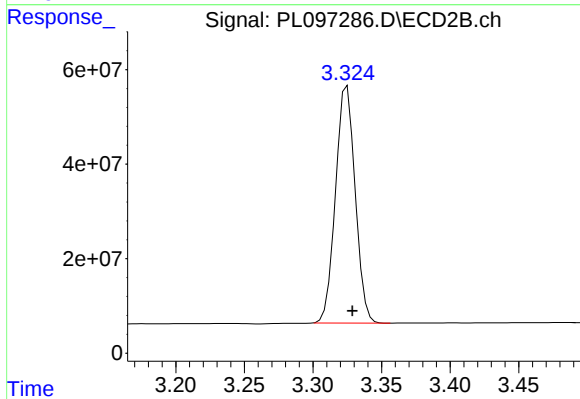
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.004 min
Response: 328370429
Conc: 49.94 ng/ml



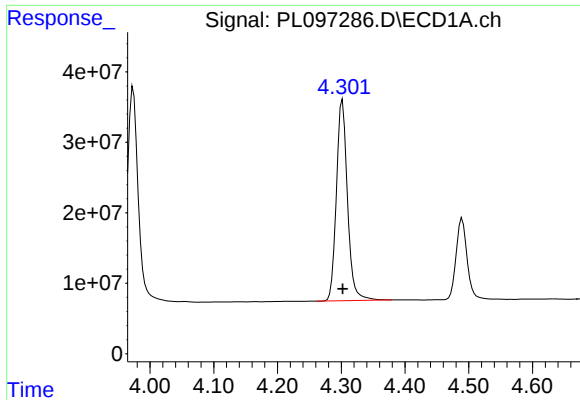
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 368400248
Conc: 52.72 ng/ml



#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.004 min
Response: 500673096
Conc: 50.28 ng/ml



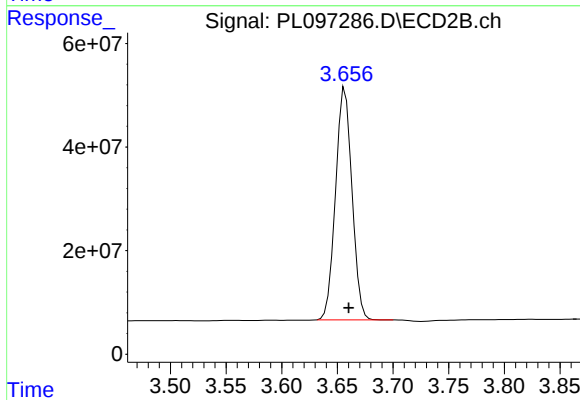
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 344610485
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

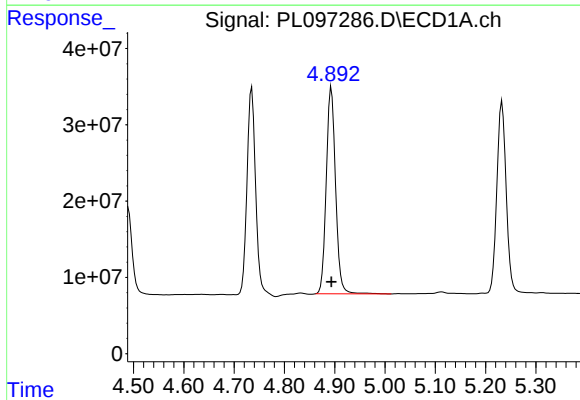
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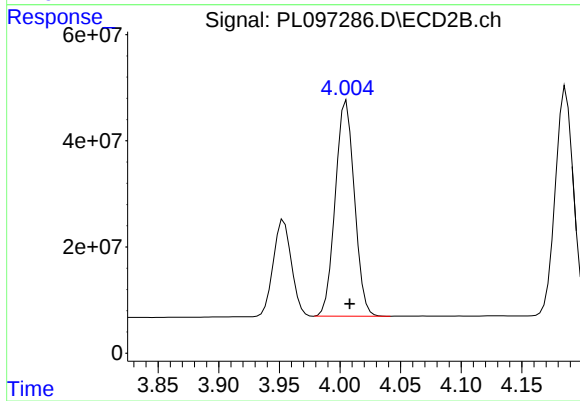
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 461058610
Conc: 49.50 ng/ml



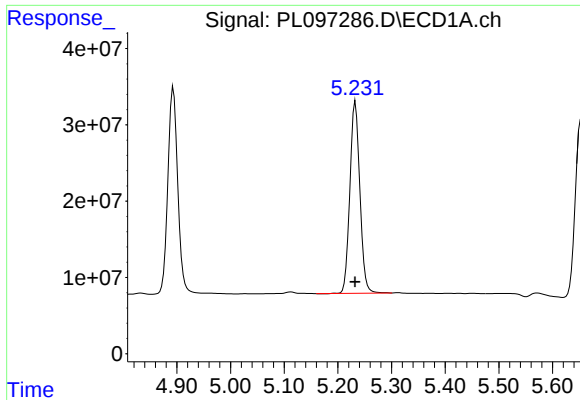
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 349022489
Conc: 52.33 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 445258366
Conc: 47.85 ng/ml



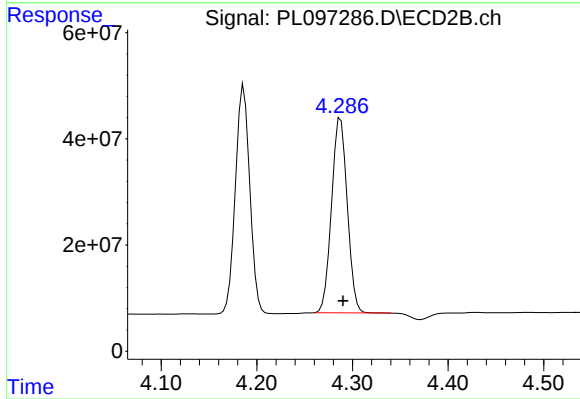
#5 Aldrin

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 325939008
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

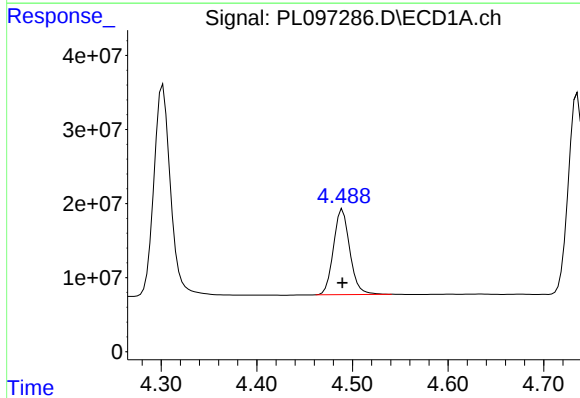
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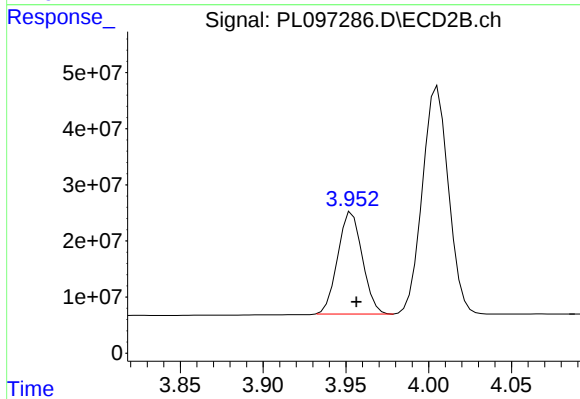
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 418068301
Conc: 48.17 ng/ml



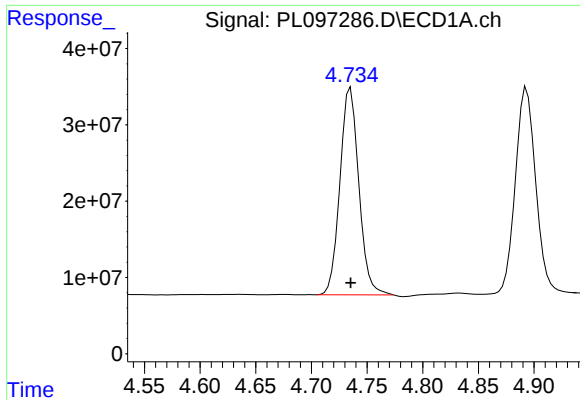
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 136936933
Conc: 50.23 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.003 min
Response: 187852757
Conc: 46.25 ng/ml



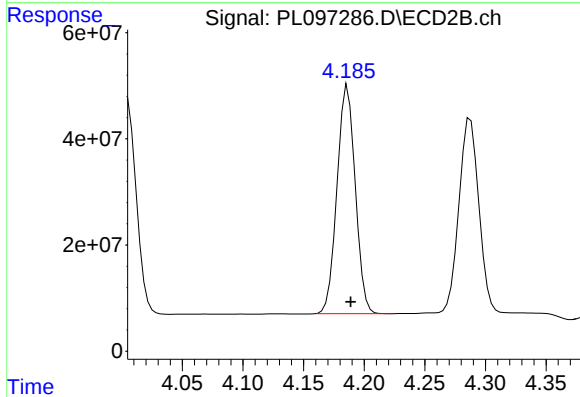
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 321197971
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

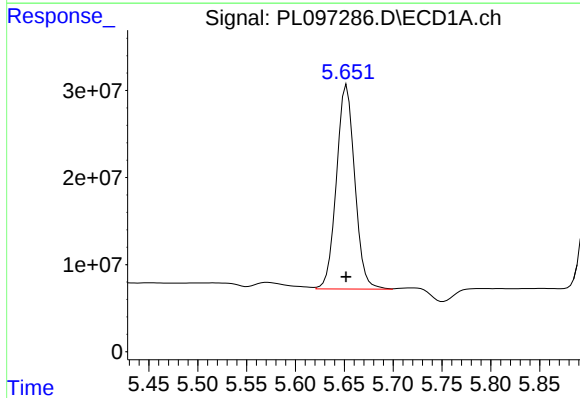
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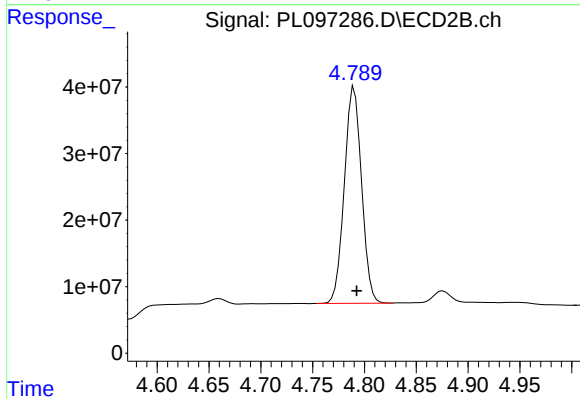
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 449437196
Conc: 48.89 ng/ml



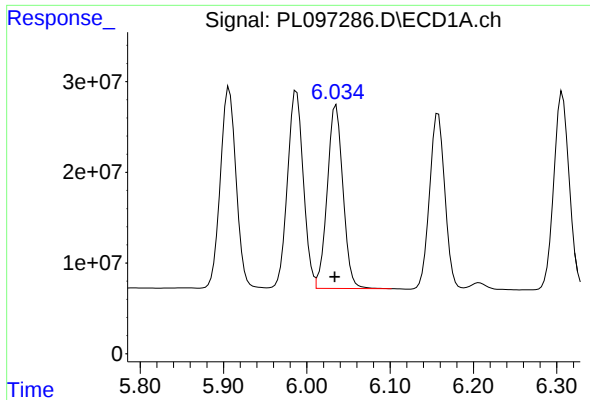
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 306099921
Conc: 53.26 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 376194470
Conc: 47.43 ng/ml m



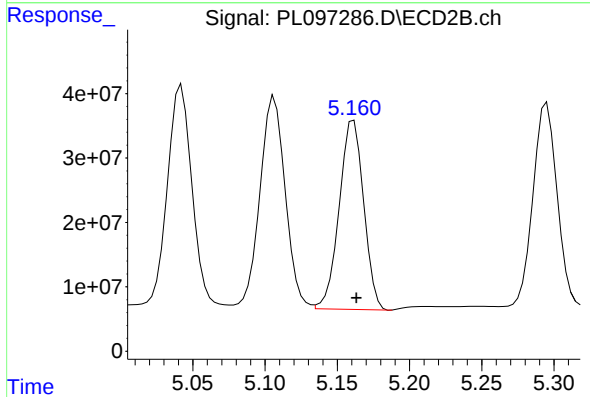
#9 Endosulfan I

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 264512598
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

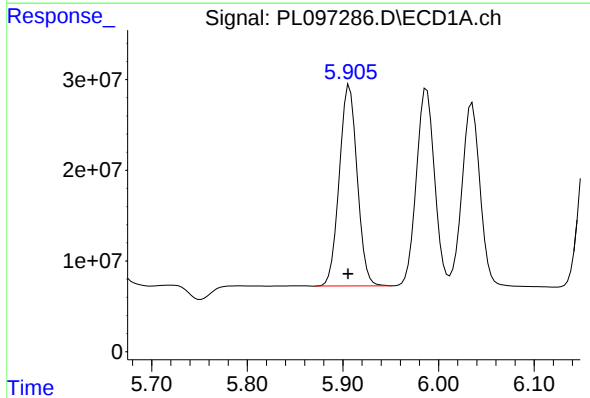
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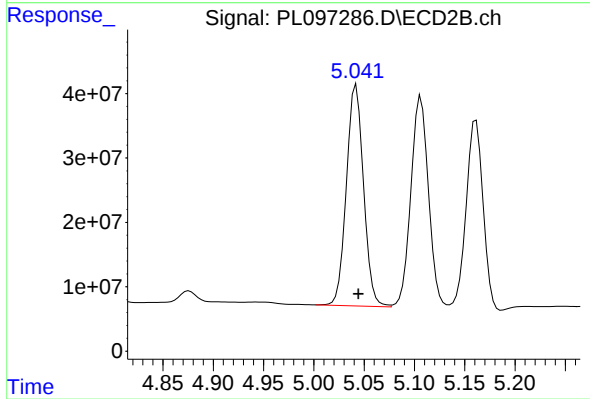
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 345621332
Conc: 44.98 ng/ml



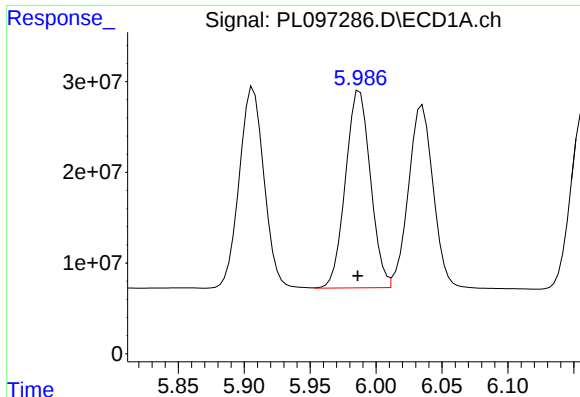
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 288611983
Conc: 51.05 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 406946627
Conc: 46.59 ng/ml



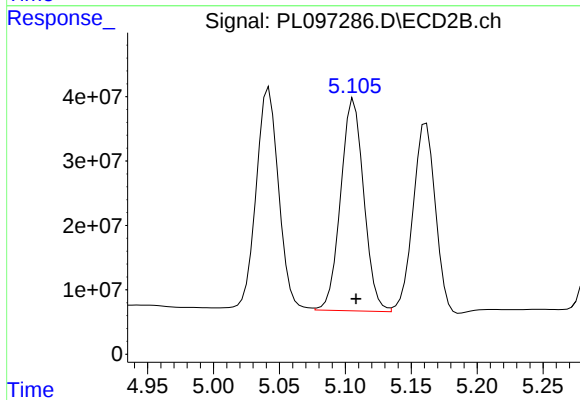
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 285087245
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

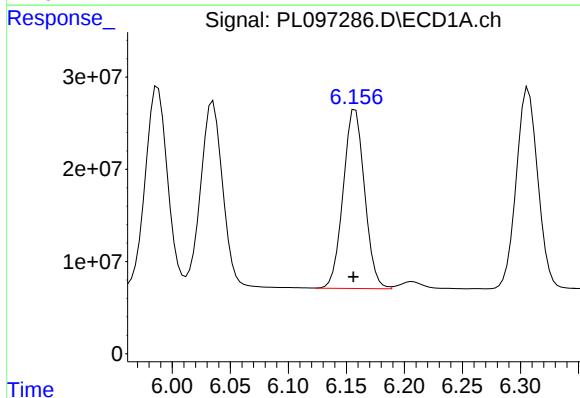
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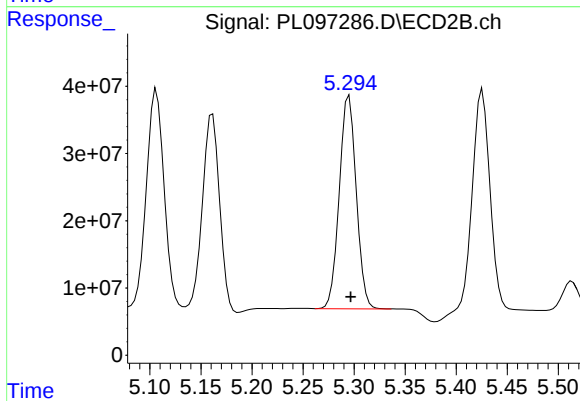
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 401447710
Conc: 48.36 ng/ml



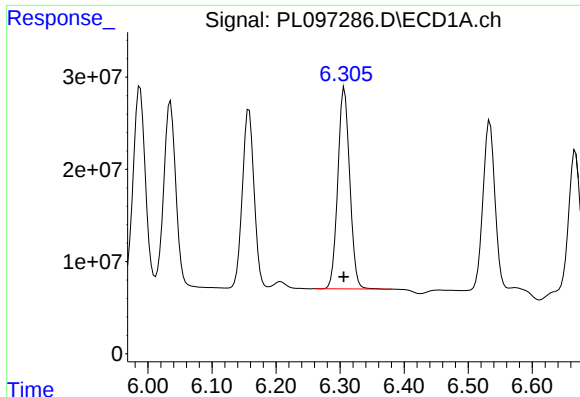
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 248860485
Conc: 52.23 ng/ml m



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 367489316
Conc: 47.82 ng/ml m



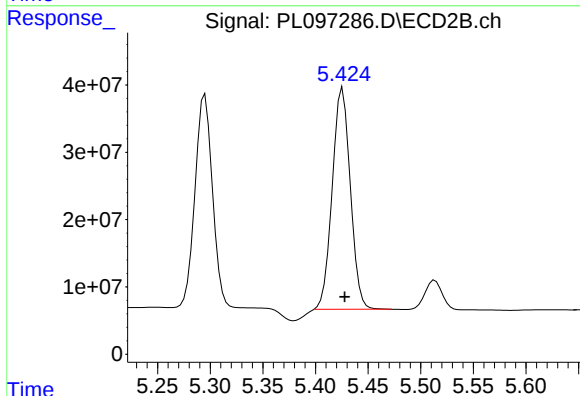
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: 0.001 min
Response: 282423493
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

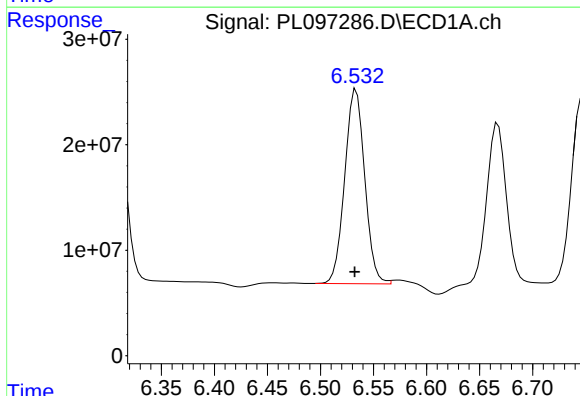
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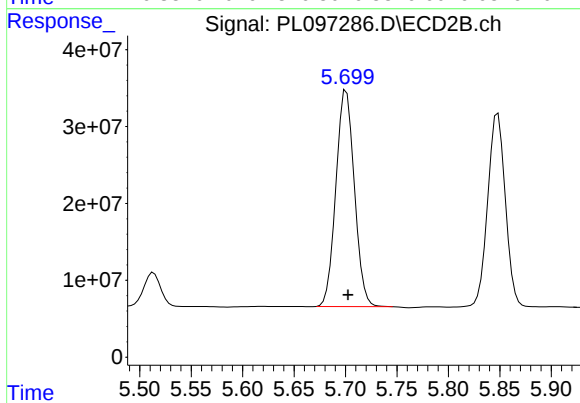
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.003 min
Response: 392259525
Conc: 47.97 ng/ml m



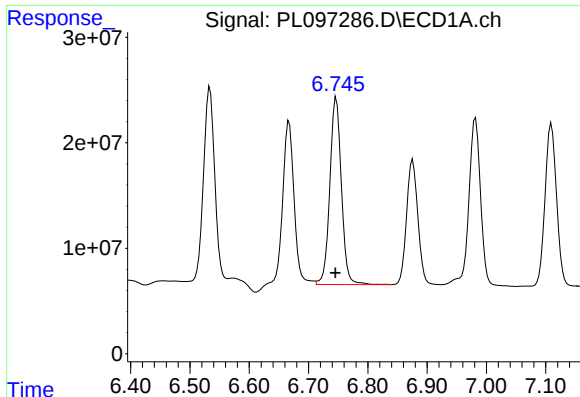
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 241934847
Conc: 52.44 ng/ml m



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 351741763
Conc: 46.83 ng/ml



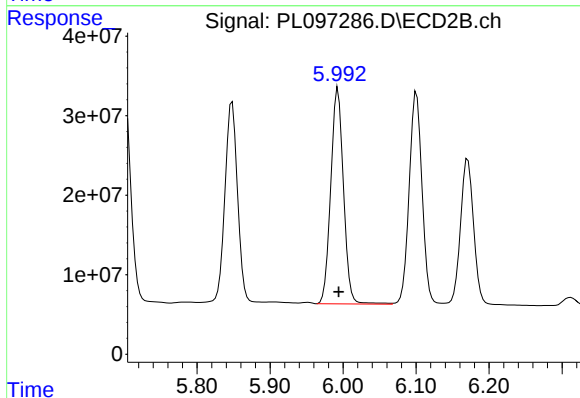
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 240154015
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

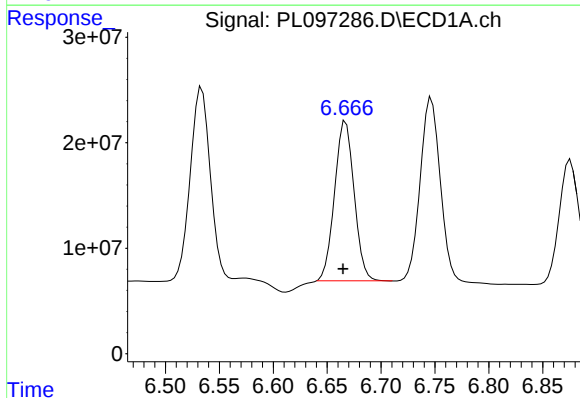
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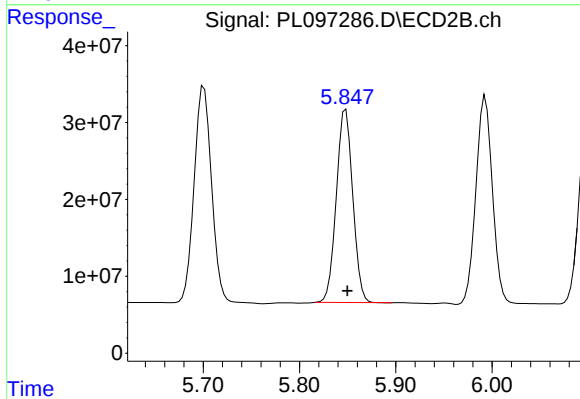
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 329390357
Conc: 46.33 ng/ml



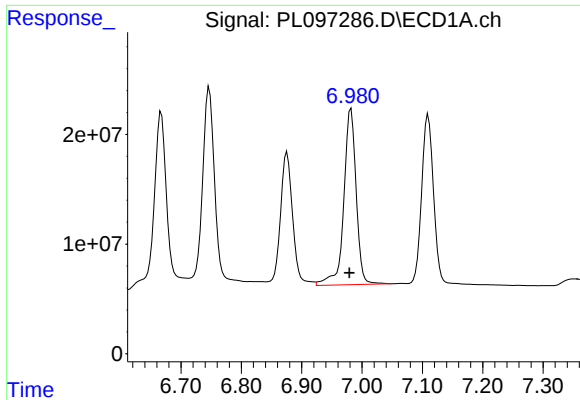
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 191116065
Conc: 50.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.001 min
Response: 297903293
Conc: 46.19 ng/ml



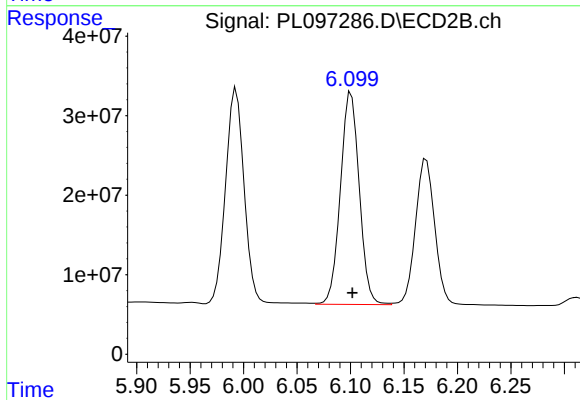
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 229264549
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

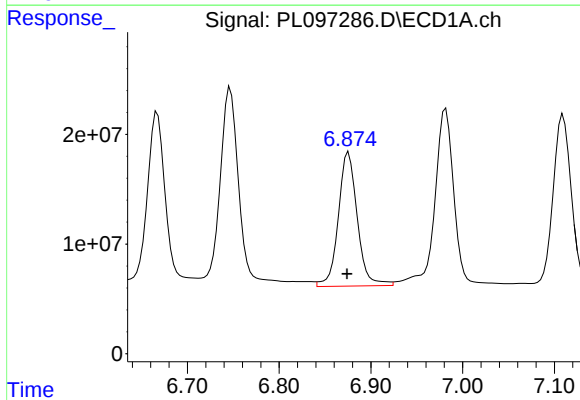
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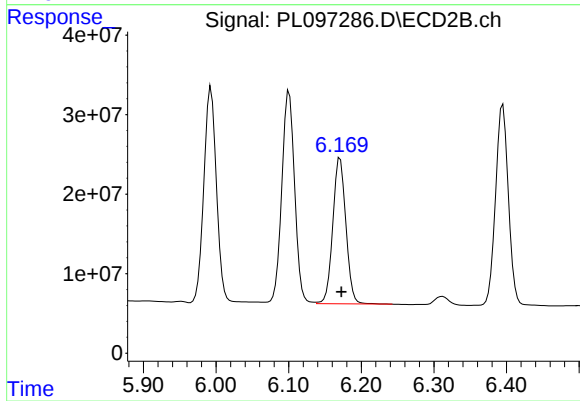
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 327953328
Conc: 47.39 ng/ml



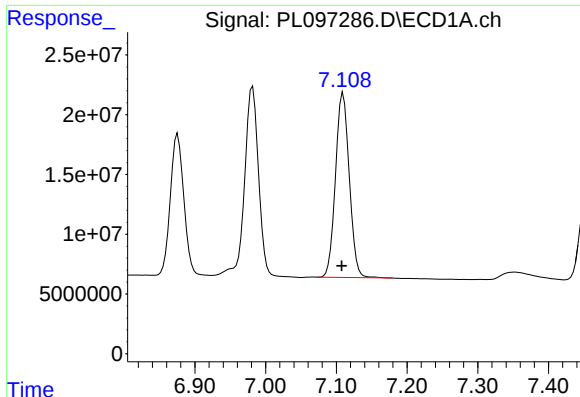
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 175293716
Conc: 56.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 229685457
Conc: 43.03 ng/ml



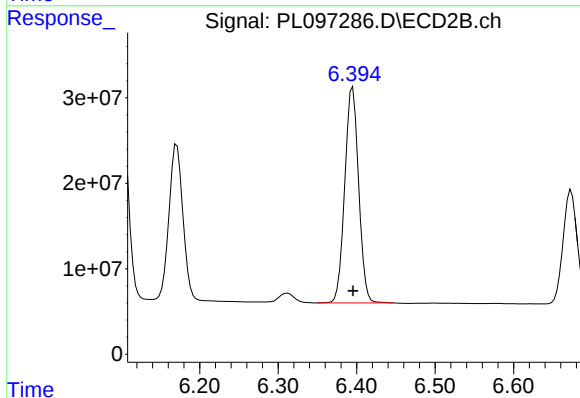
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 209298673
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

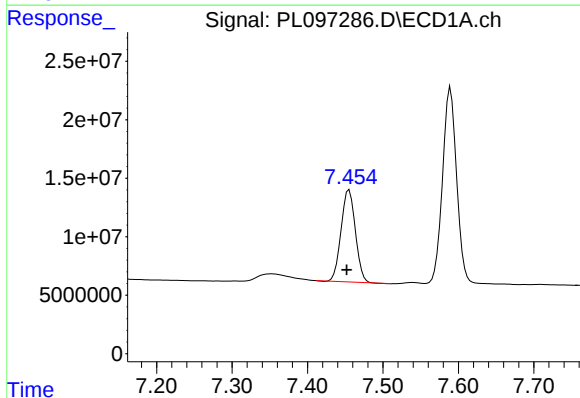
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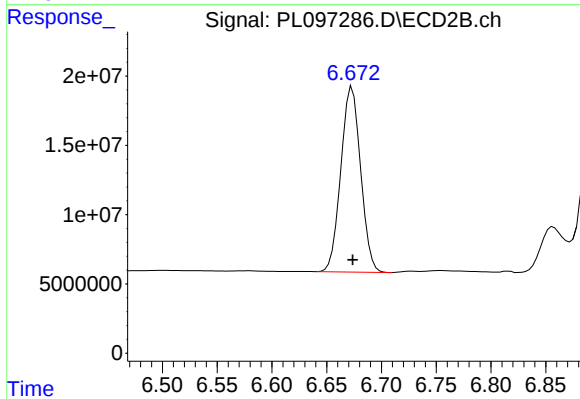
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 310246392
Conc: 45.29 ng/ml



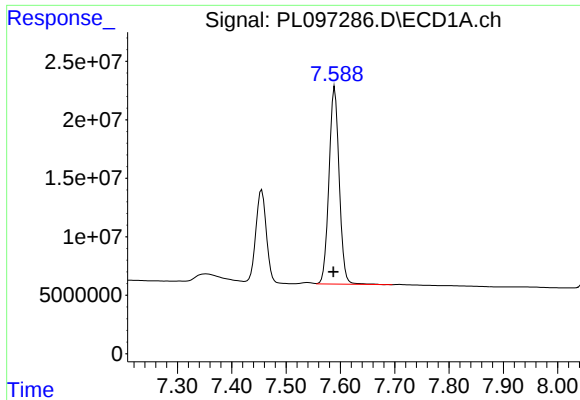
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.003 min
Response: 103836592
Conc: 49.79 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 167964303
Conc: 44.56 ng/ml



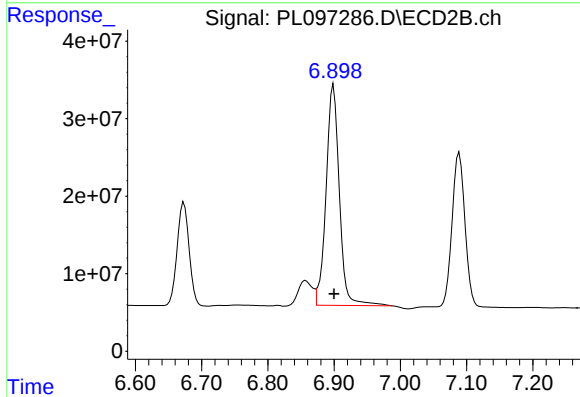
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: 0.003 min
Response: 219975244
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

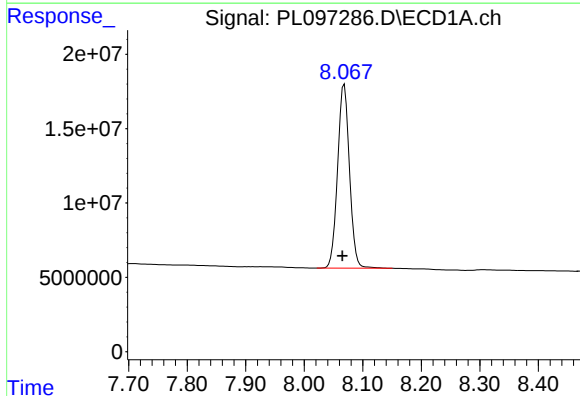
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



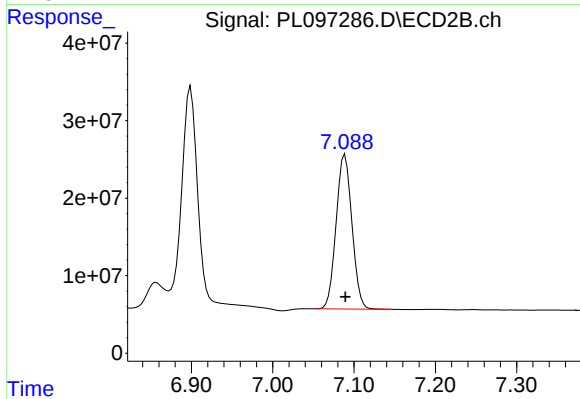
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 395449102
Conc: 52.51 ng/ml m



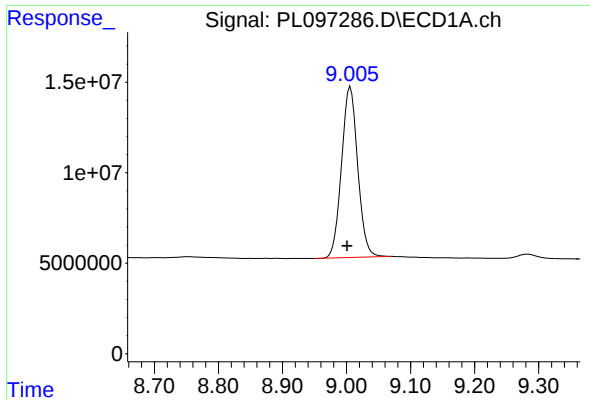
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 174352255
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 269196689
Conc: 45.03 ng/ml



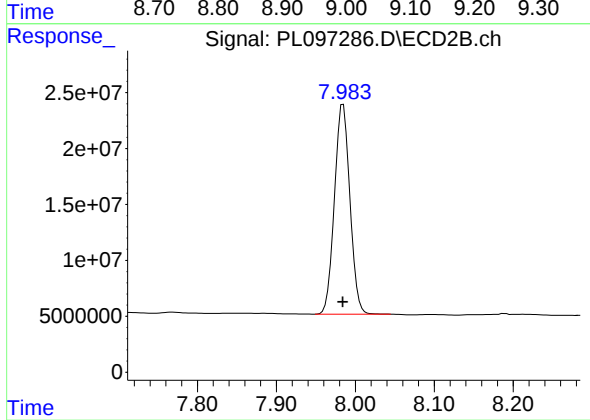
#28 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: 0.005 min
Response: 165189104
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 255270823
Conc: 44.85 ng/ml