

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
 Data File : PL097511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2025 03:46
 Operator : AR\AJ
 Sample : PB169968BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169968BL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2025
 Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 01:21:11 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	2.823	229.5E6	332.0E6	50.701	50.486
28)	SA Decachlor...	8.996	7.980	172.4E6	277.0E6	52.690	48.662
Target Compounds							
2)	A alpha-BHC	3.972	3.328	381.9E6	551.6E6	54.659	55.395
3)	MA gamma-BHC...	4.300	3.659	356.8E6	507.0E6	53.956	54.435
4)	MA Heptachlor	4.890	4.007	332.1E6	471.2E6	49.785	50.644
5)	MB Aldrin	5.229	4.289	337.6E6	474.5E6	53.302	54.670
6)	B beta-BHC	4.488	3.955	145.4E6	211.1E6	53.340	51.972
7)	B delta-BHC	4.732	4.187	340.9E6	495.9E6	56.185m	53.949
8)	B Heptachlo...	5.647	4.791	307.3E6	432.4E6	53.478m	54.518
9)	A Endosulfan I	6.030	5.161	287.7E6	388.3E6	55.526	50.540
10)	B gamma-Chl...	5.901	5.042	309.1E6	464.8E6	54.671m	53.222
11)	B alpha-Chl...	5.983	5.106	314.4E6	444.1E6	55.351	53.502
12)	B 4,4'-DDE	6.153	5.295	273.3E6	414.2E6	57.357	53.899
13)	MA Dieldrin	6.302	5.425	302.2E6	458.2E6	55.125	56.031
14)	MA Endrin	6.528	5.700	245.0E6	399.7E6	53.099	53.224
15)	B Endosulfa...	6.741	5.992	258.8E6	377.2E6	52.622m	53.052
16)	A 4,4'-DDD	6.661	5.847	238.4E6	369.1E6	63.220m	57.237
17)	MA 4,4'-DDT	6.976	6.099	204.1E6	297.8E6	48.287	43.026
18)	B Endrin al...	6.869	6.170	188.4E6	280.1E6	61.126m	52.486
19)	B Endosulfa...	7.105	6.393	235.5E6	364.4E6	57.680	53.202
20)	A Methoxychlor	7.449	6.671	98040482	159.9E6	47.013	42.427
21)	B Endrin ke...	7.583	6.897	261.2E6	416.9E6	61.530	55.360
22)	Mirex	8.062	7.086	173.7E6	281.7E6	48.935	47.121

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
Data File : PL097511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2025 03:46
Operator : AR\AJ
Sample : PB169968BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

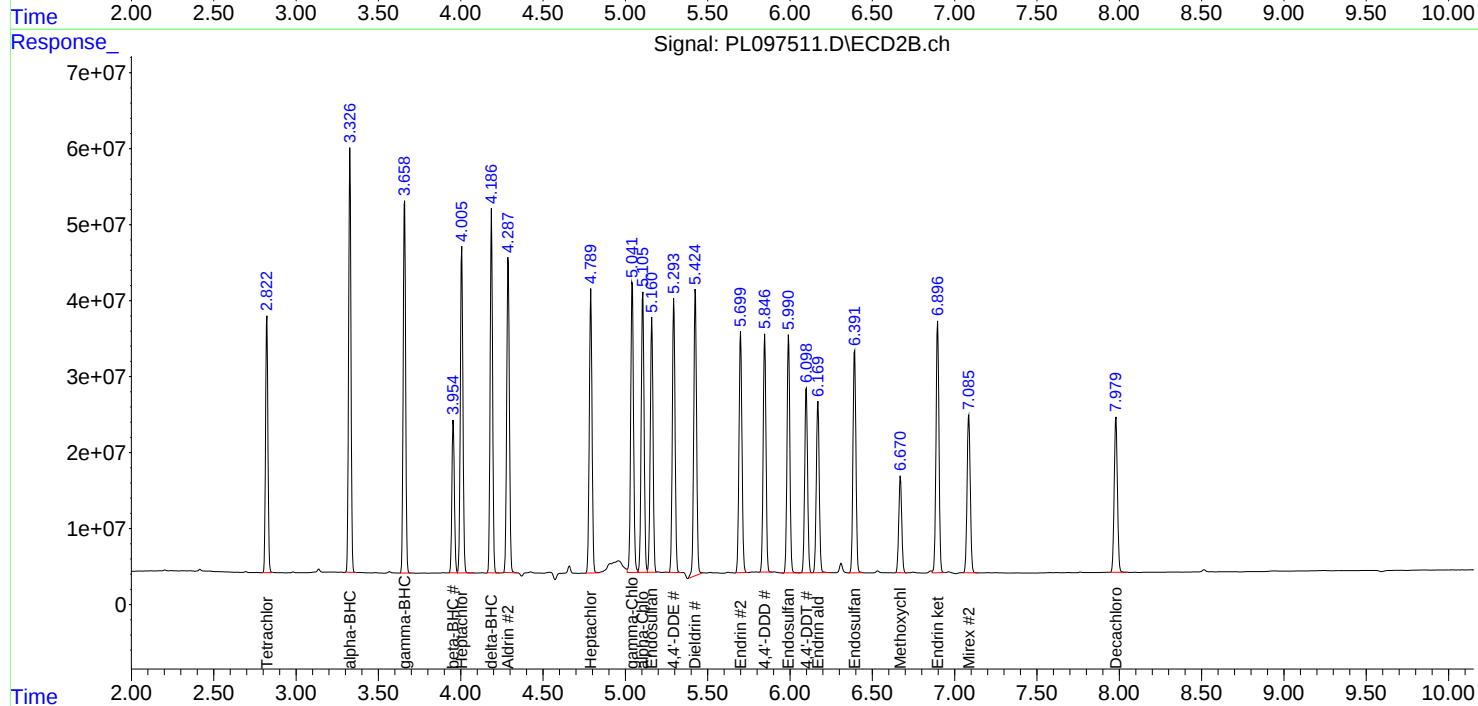
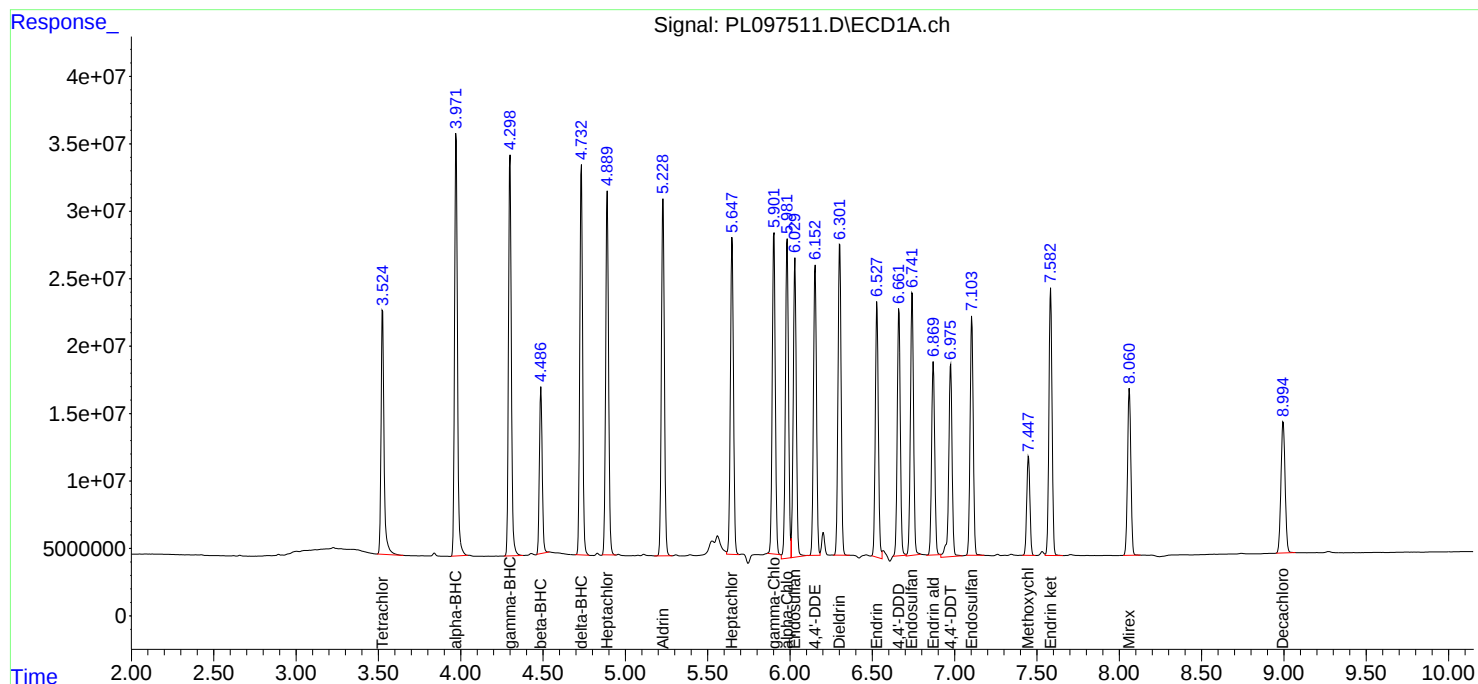
Instrument :
ECD_L
ClientSampleId :
PB169968BL

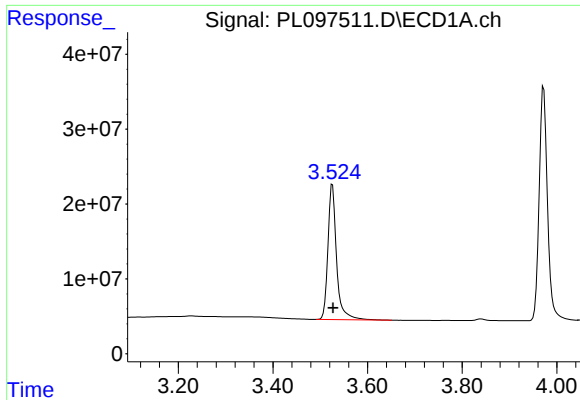
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 06 01:21:11 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.: -0.001 min
Response: 229532606
Conc: 50.70 ng/ml

Instrument :

ECD_L

ClientSampleId :

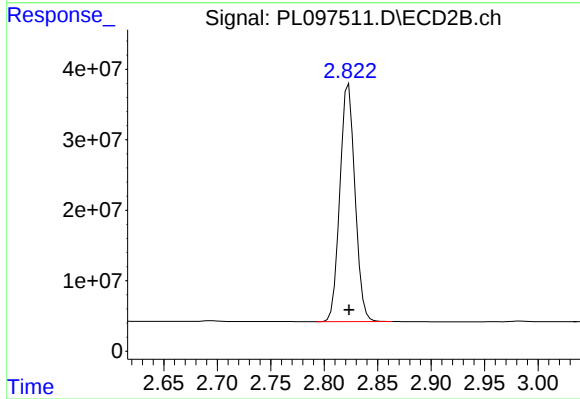
PB169968BL

Manual Integrations

APPROVED

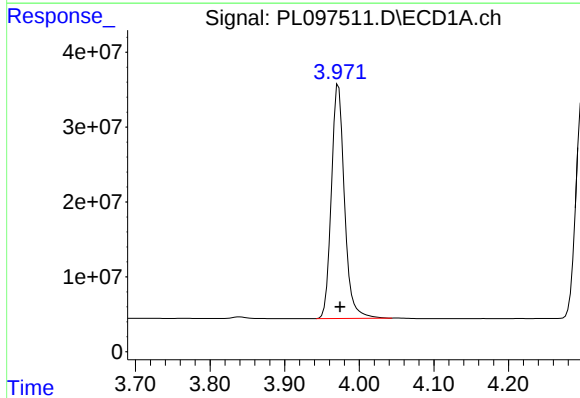
Reviewed By :Abdul Mirza 10/06/2025

Supervised By :mohammad ahmed 10/07/2025



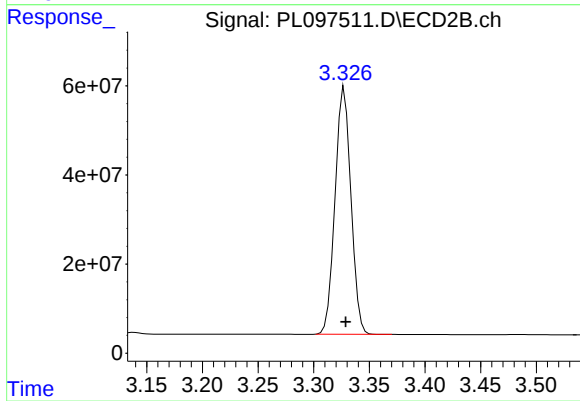
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 331971028
Conc: 50.49 ng/ml



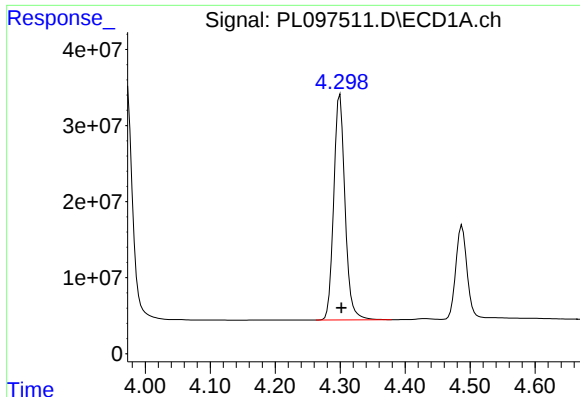
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 381924150
Conc: 54.66 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 551604251
Conc: 55.40 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 356821521
Conc: 53.96 ng/ml

Instrument :

ECD_L

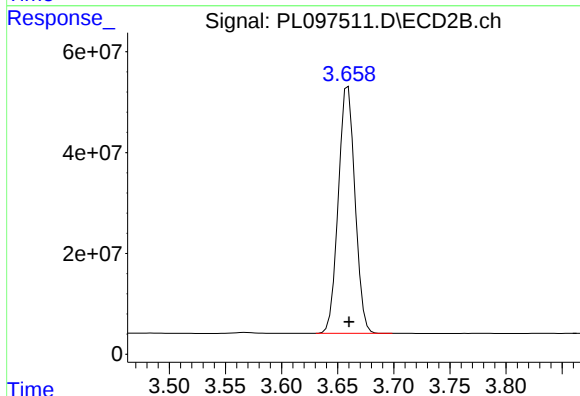
ClientSampleId :

PB169968BL

Manual Integrations

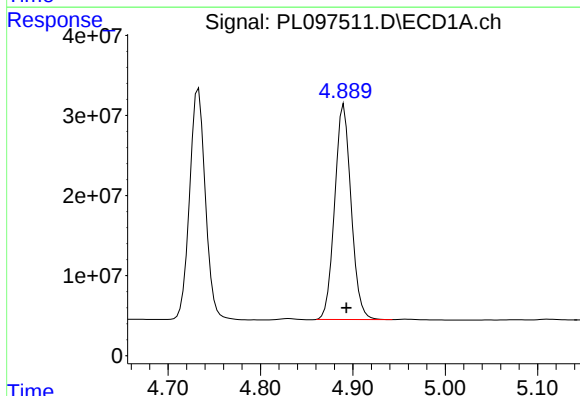
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



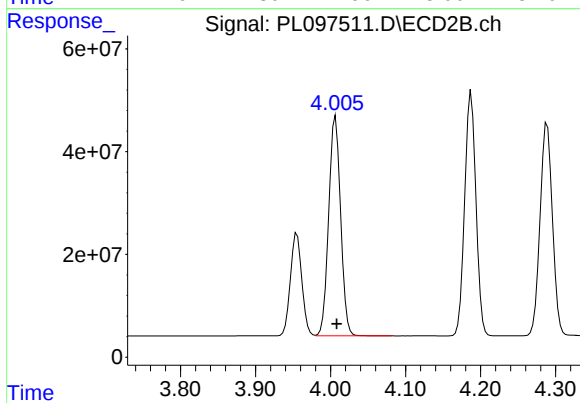
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 507039510
Conc: 54.43 ng/ml



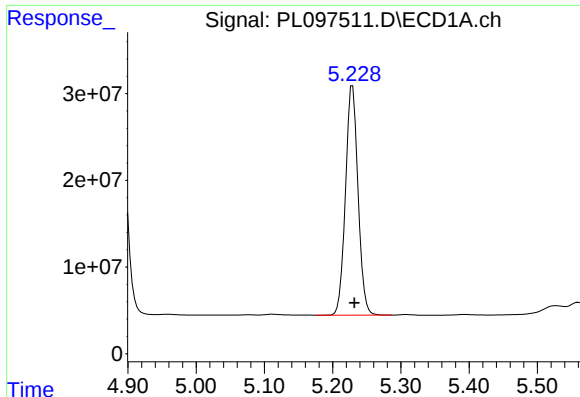
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 332073108
Conc: 49.79 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 471249569
Conc: 50.64 ng/ml



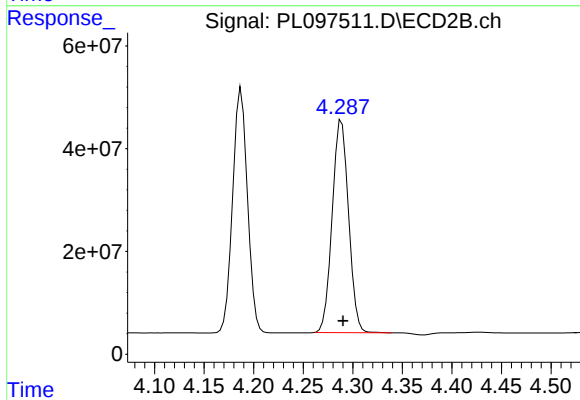
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 337610244
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

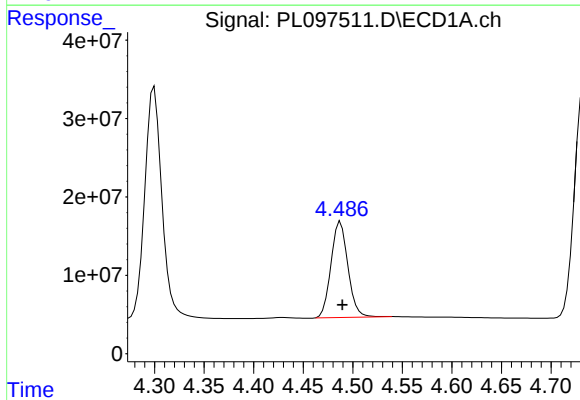
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



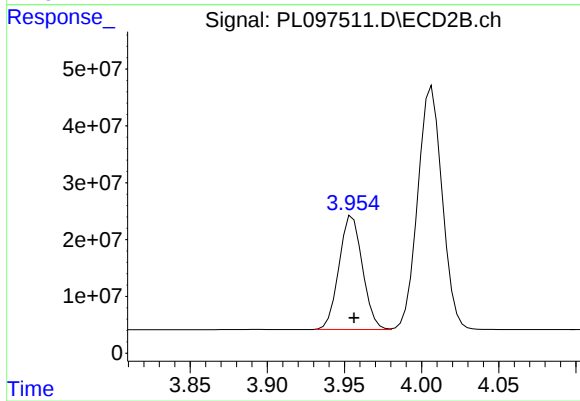
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 474496061
Conc: 54.67 ng/ml



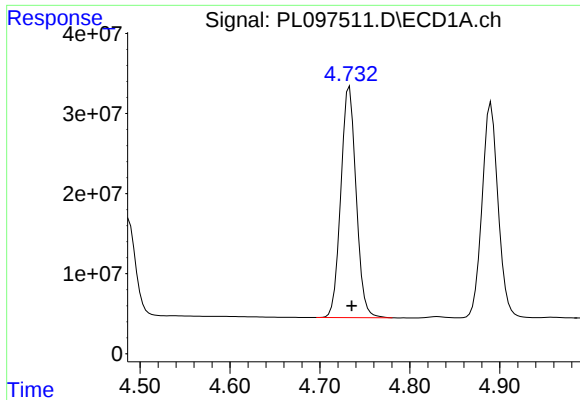
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 145414917
Conc: 53.34 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 211110790
Conc: 51.97 ng/ml



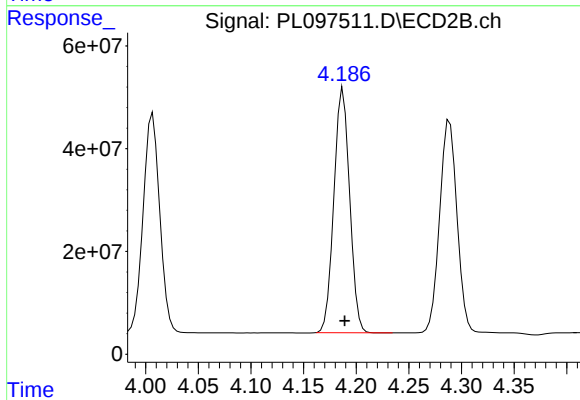
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 340947386
Conc: 56.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

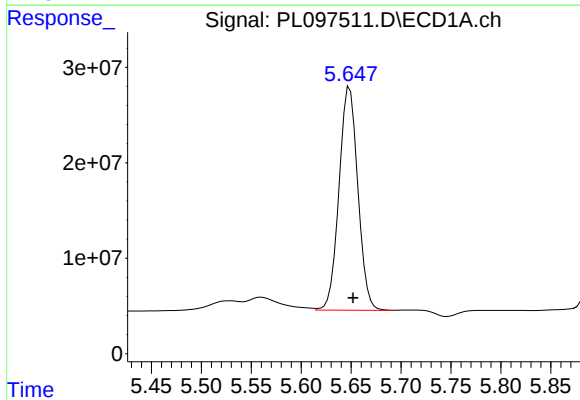
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



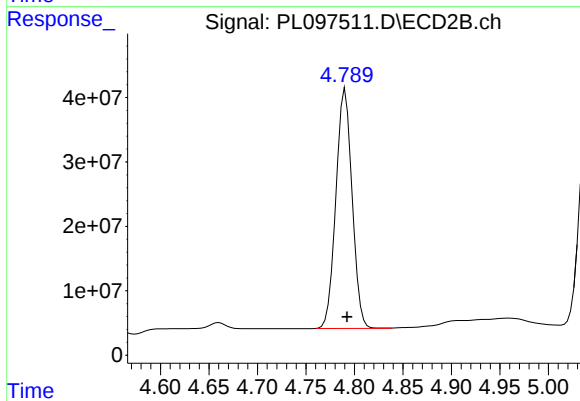
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.001 min
Response: 495913315
Conc: 53.95 ng/ml



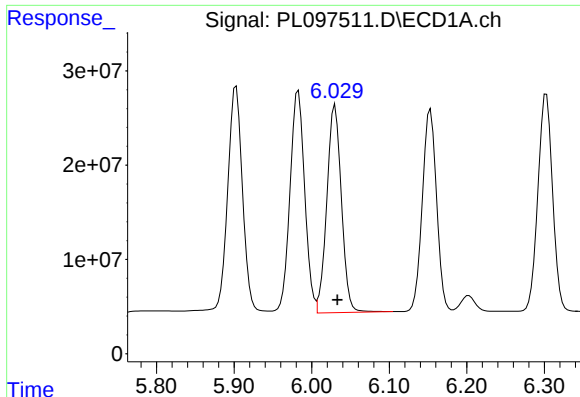
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 307334278
Conc: 53.48 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 432409547
Conc: 54.52 ng/ml



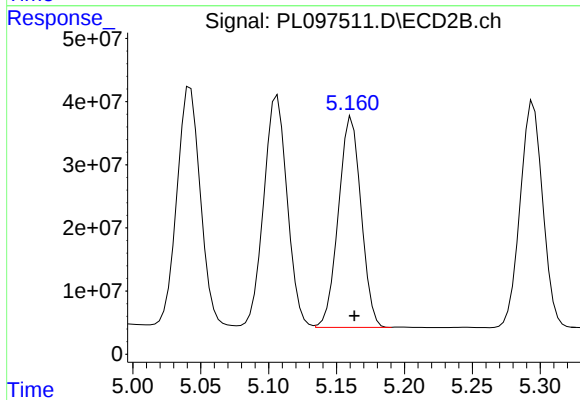
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 287698222
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

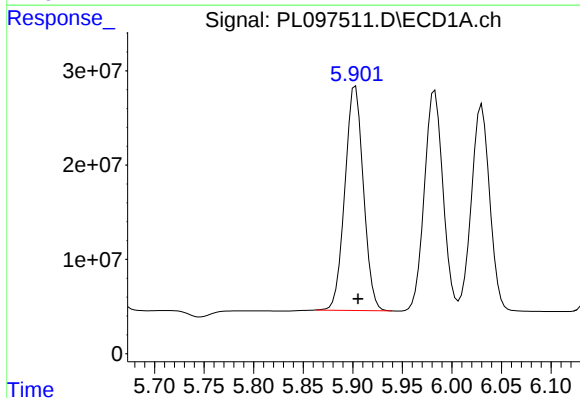
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



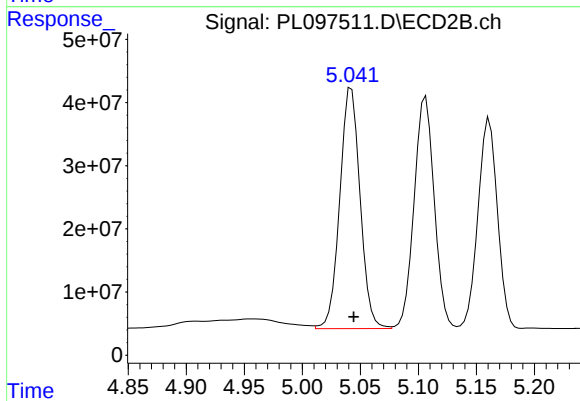
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 388330615
Conc: 50.54 ng/ml



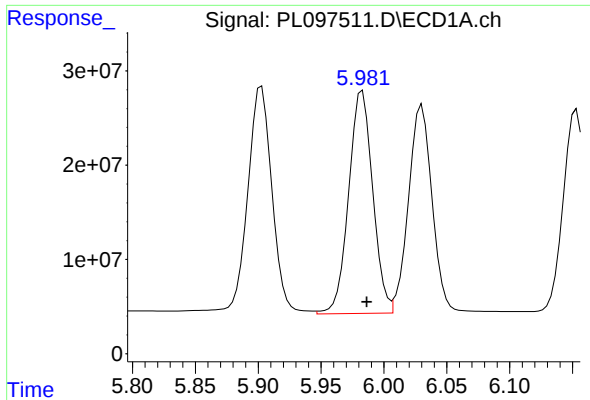
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 309081570
Conc: 54.67 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 464834824
Conc: 53.22 ng/ml



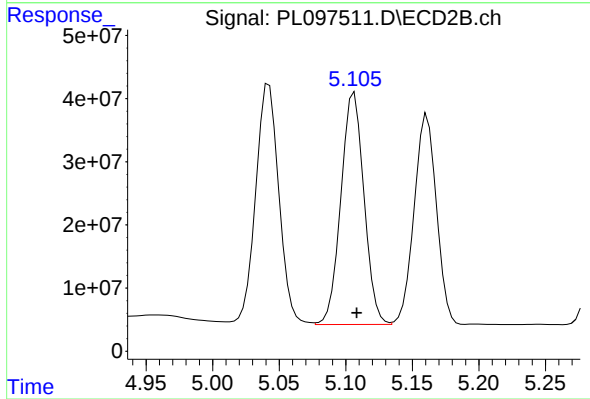
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 314385957
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

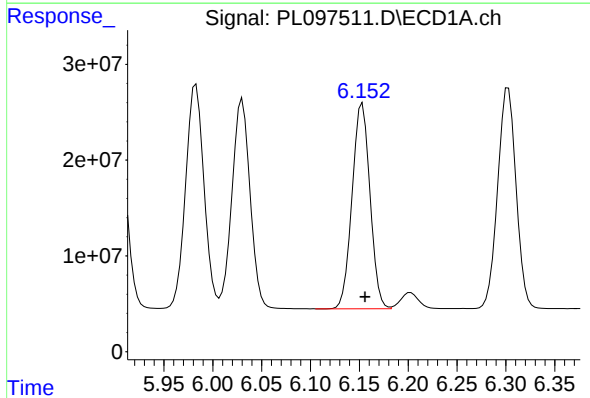
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



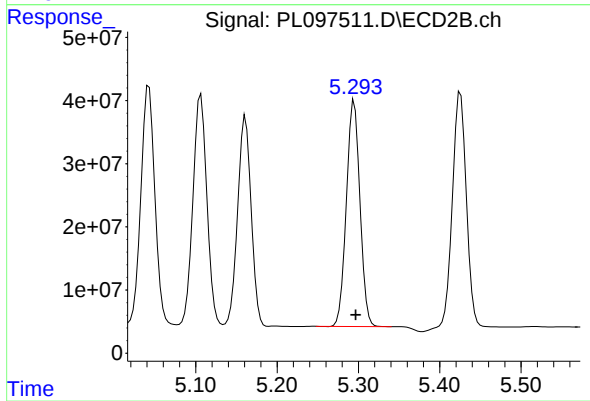
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 444093436
Conc: 53.50 ng/ml



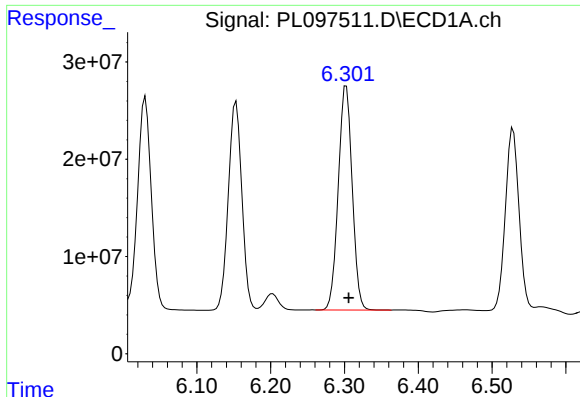
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 273288905
Conc: 57.36 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 414202003
Conc: 53.90 ng/ml



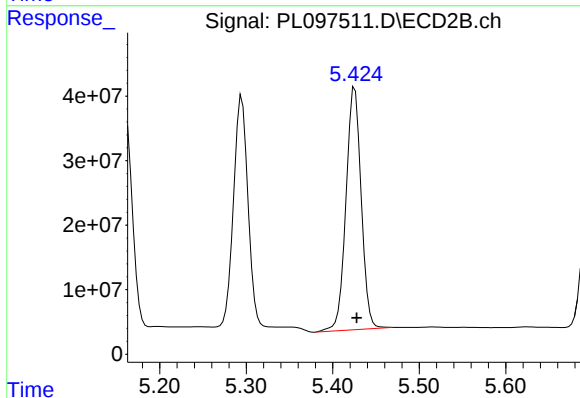
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 302203780
Conc: 55.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

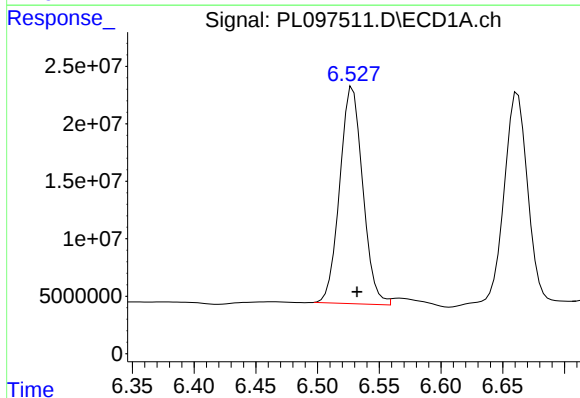
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



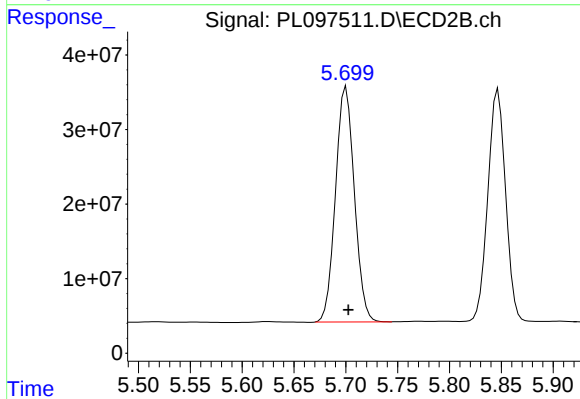
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 458152623
Conc: 56.03 ng/ml



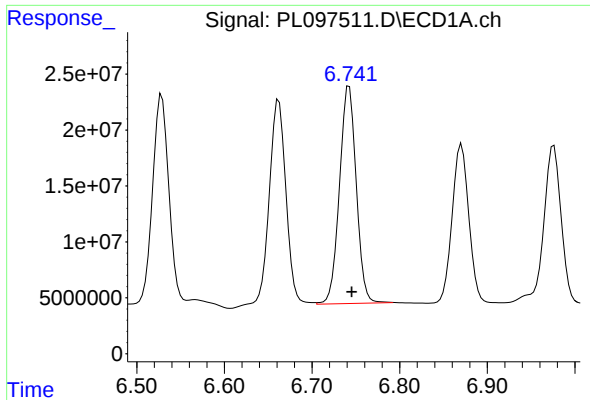
#14 Endrin

R.T.: 6.528 min
Delta R.T.: -0.004 min
Response: 244951879
Conc: 53.10 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 399739043
Conc: 53.22 ng/ml



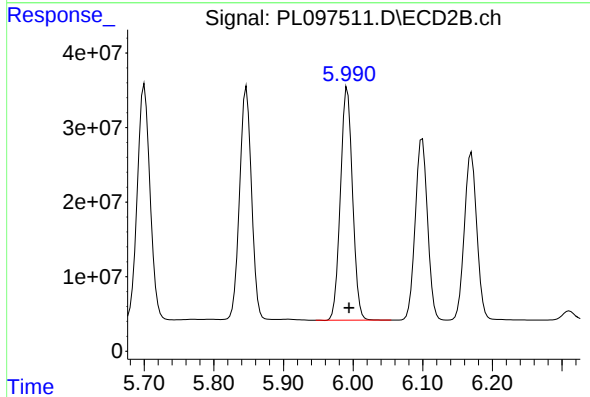
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 258815765
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

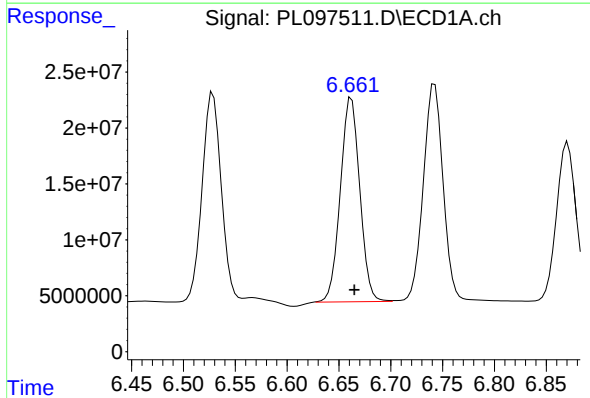
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



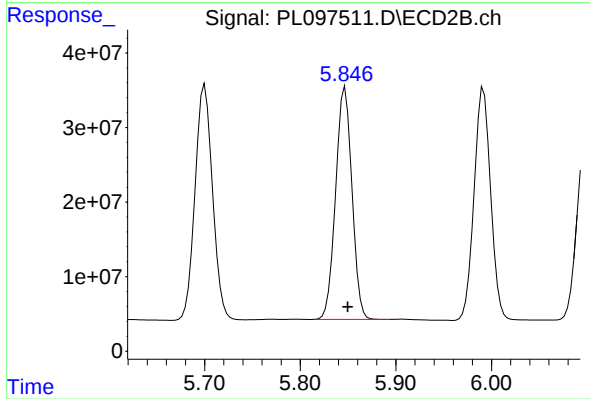
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 377158428
Conc: 53.05 ng/ml



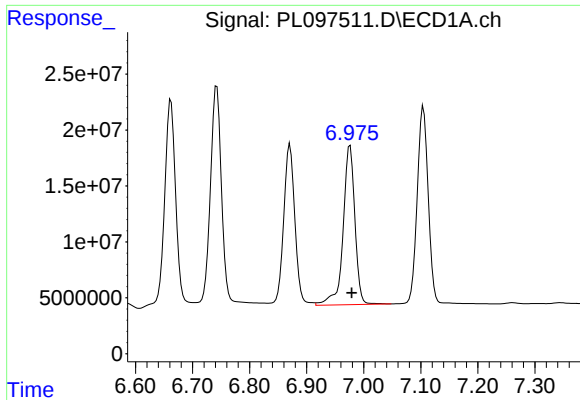
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 238372600
Conc: 63.22 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 369127859
Conc: 57.24 ng/ml



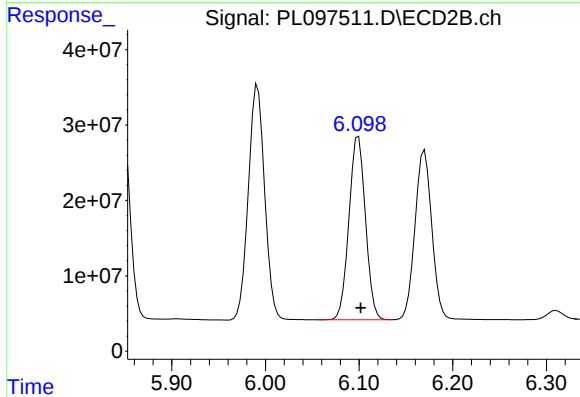
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 204118173
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

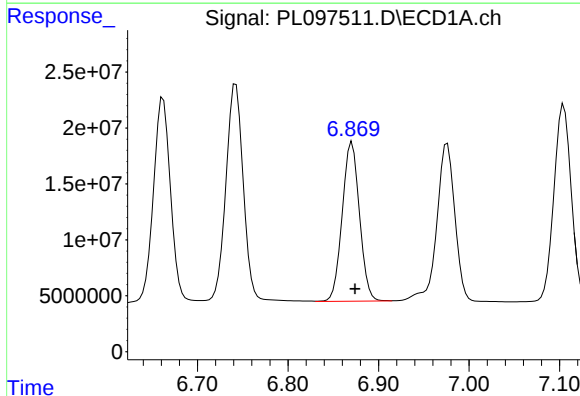
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



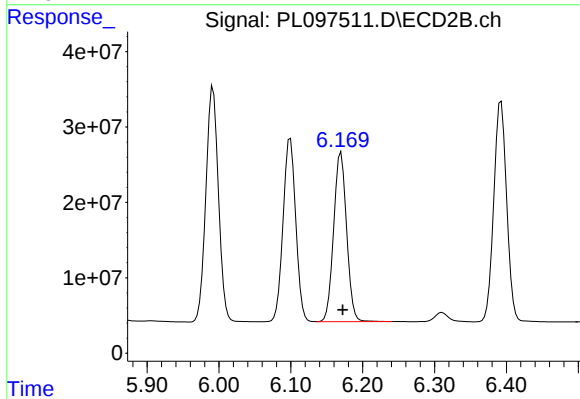
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 297762103
Conc: 43.03 ng/ml



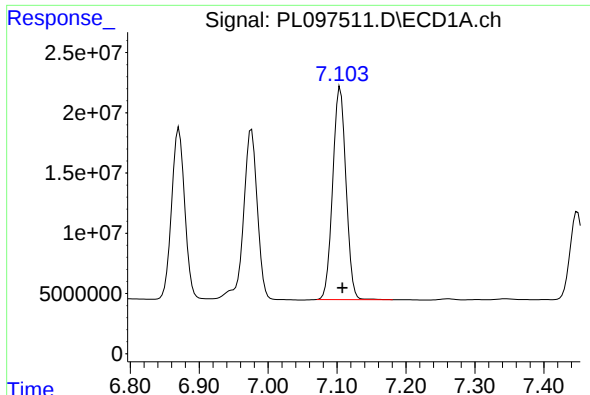
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.005 min
Response: 188439422
Conc: 61.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 280138589
Conc: 52.49 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 235492466
Conc: 57.68 ng/ml

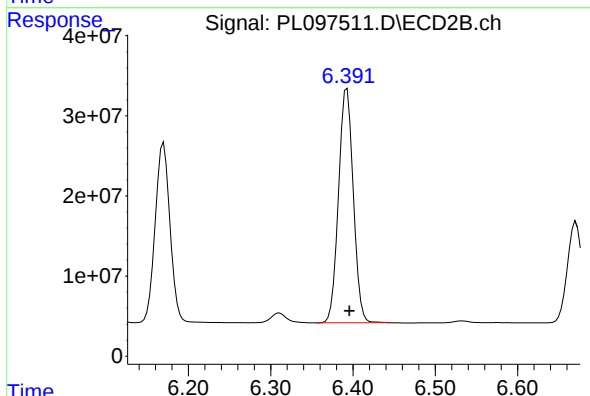
Instrument :

ECD_L

ClientSampleId :
PB169968BL

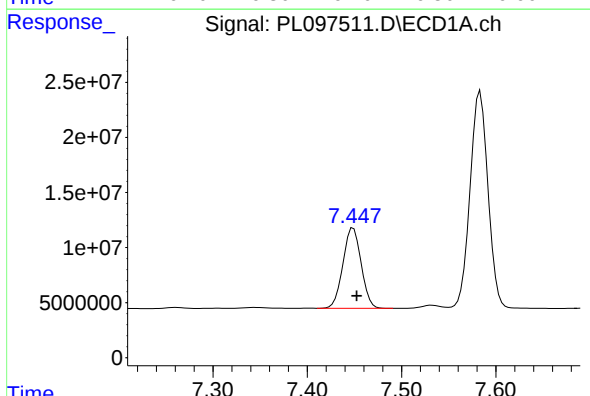
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



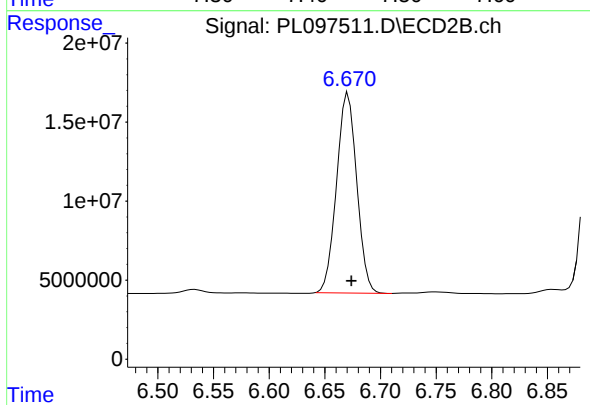
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 364419249
Conc: 53.20 ng/ml



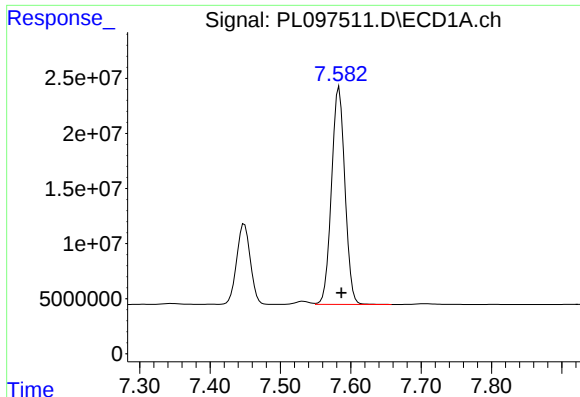
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 98040482
Conc: 47.01 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 159928032
Conc: 42.43 ng/ml



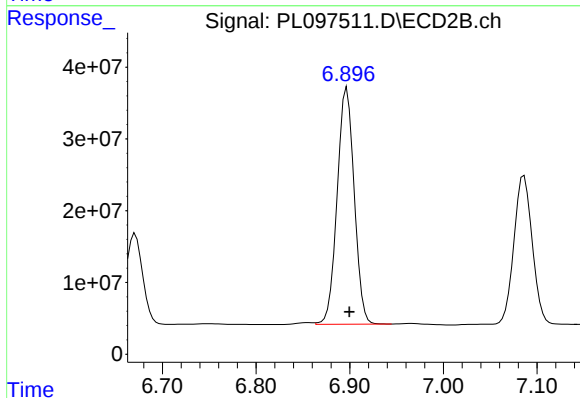
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 261155491
Conc: 61.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

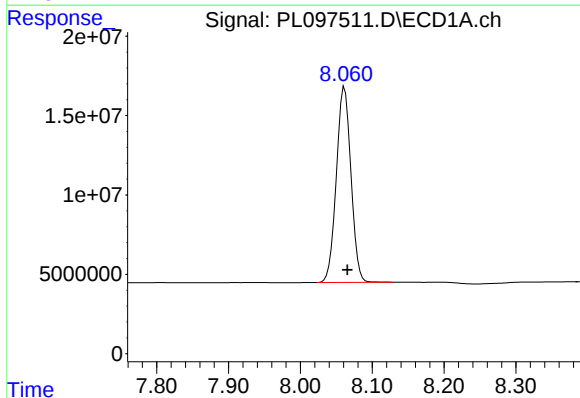
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



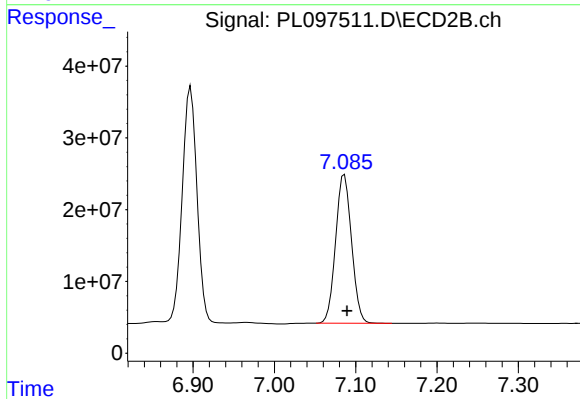
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 416878307
Conc: 55.36 ng/ml



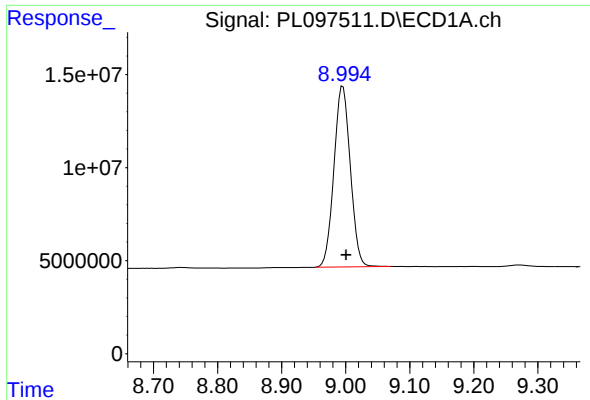
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 173733815
Conc: 48.93 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 281720717
Conc: 47.12 ng/ml



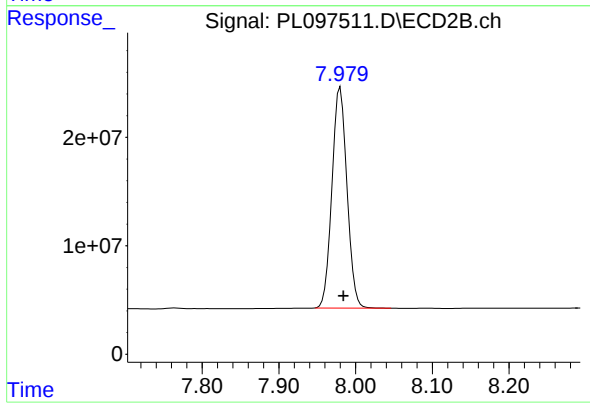
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.005 min
Response: 172411688
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169968BL

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 276961729
Conc: 48.66 ng/ml