

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100925\
 Data File : PL097581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 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 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 11:36:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.524	2.822	234.0E6	322.0E6	57.396	52.907
28)	SA Decachlor...	8.993	7.979	167.6E6	244.9E6	56.374	47.200
Target Compounds							
2)	A alpha-BHC	3.971	3.327	390.0E6	535.2E6	57.813	54.240
3)	MA gamma-BHC...	4.299	3.659	366.1E6	492.8E6	57.596	53.637
4)	MA Heptachlor	4.889	4.006	354.8E6	474.9E6	55.002	51.659
5)	MB Aldrin	5.228	4.287	343.0E6	459.7E6	57.040	53.013
6)	B beta-BHC	4.486	3.955	150.2E6	205.9E6	58.087	51.758
7)	B delta-BHC	4.731	4.187	349.0E6	485.2E6	57.469	53.712
8)	B Heptachlo...	5.647	4.789	325.8E6	410.6E6	55.966	51.993
9)	A Endosulfan I	6.028	5.160	282.7E6	376.8E6	56.869	51.089
10)	B gamma-Chl...	5.901	5.041	319.8E6	447.5E6	58.925	51.476
11)	B alpha-Chl...	5.981	5.105	309.7E6	430.6E6	57.074	51.710
12)	B 4,4'-DDE	6.152	5.293	269.4E6	400.4E6	57.839	52.736
13)	MA Dieldrin	6.300	5.424	297.3E6	435.2E6	56.524	52.636
14)	MA Endrin	6.527	5.699	242.9E6	371.6E6	54.286	50.203
15)	B Endosulfa...	6.740	5.990	267.3E6	356.2E6	54.645	51.581
16)	A 4,4'-DDD	6.658	5.845	225.0E6	345.9E6	59.627m	54.222
17)	MA 4,4'-DDT	6.974	6.097	216.7E6	320.1E6	53.443	48.045
18)	B Endrin al...	6.869	6.168	190.9E6	270.1E6	58.266	46.912
19)	B Endosulfa...	7.102	6.391	223.1E6	339.7E6	55.633	51.017
20)	A Methoxychlor	7.447	6.669	104.2E6	168.6E6	49.858	46.266
21)	B Endrin ke...	7.582	6.895	242.7E6	387.9E6	56.672	49.097
22)	Mirex	8.059	7.085	164.5E6	258.1E6	52.930	48.249

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100925\
Data File : PL097581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 10:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

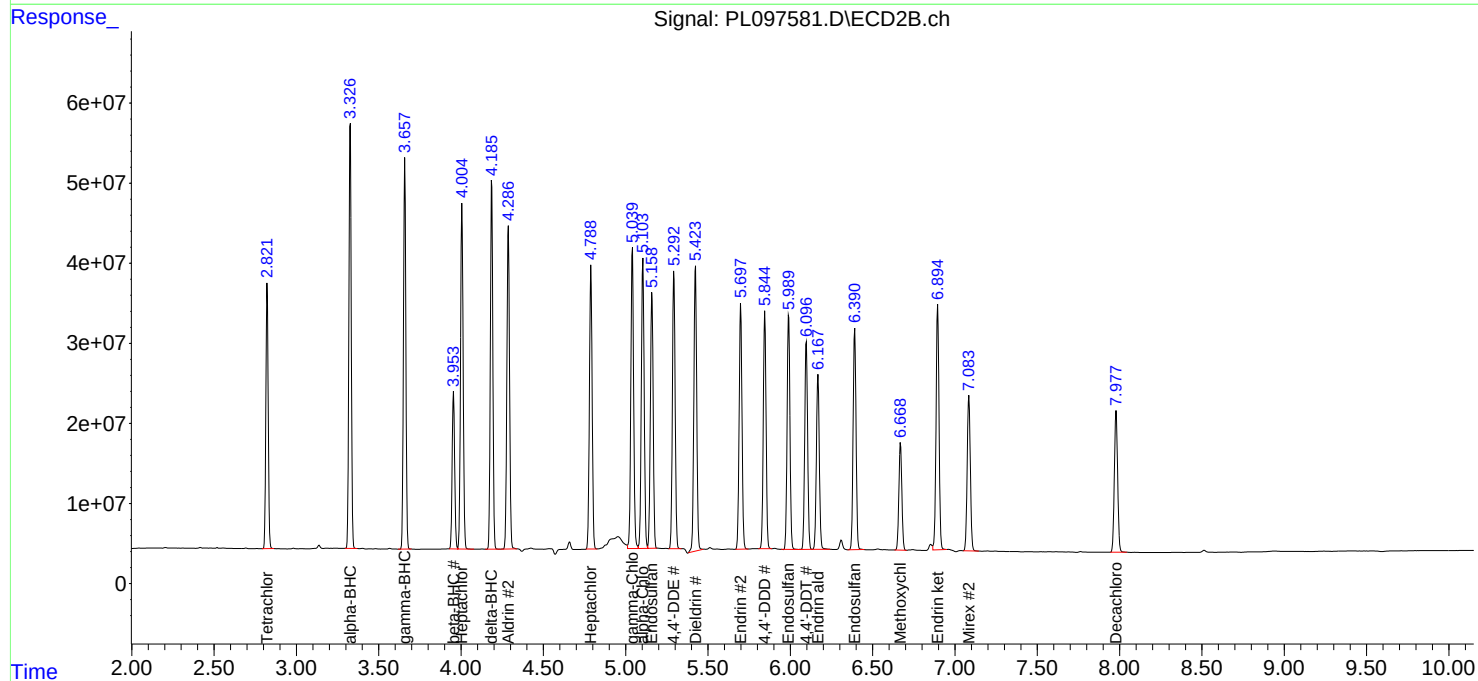
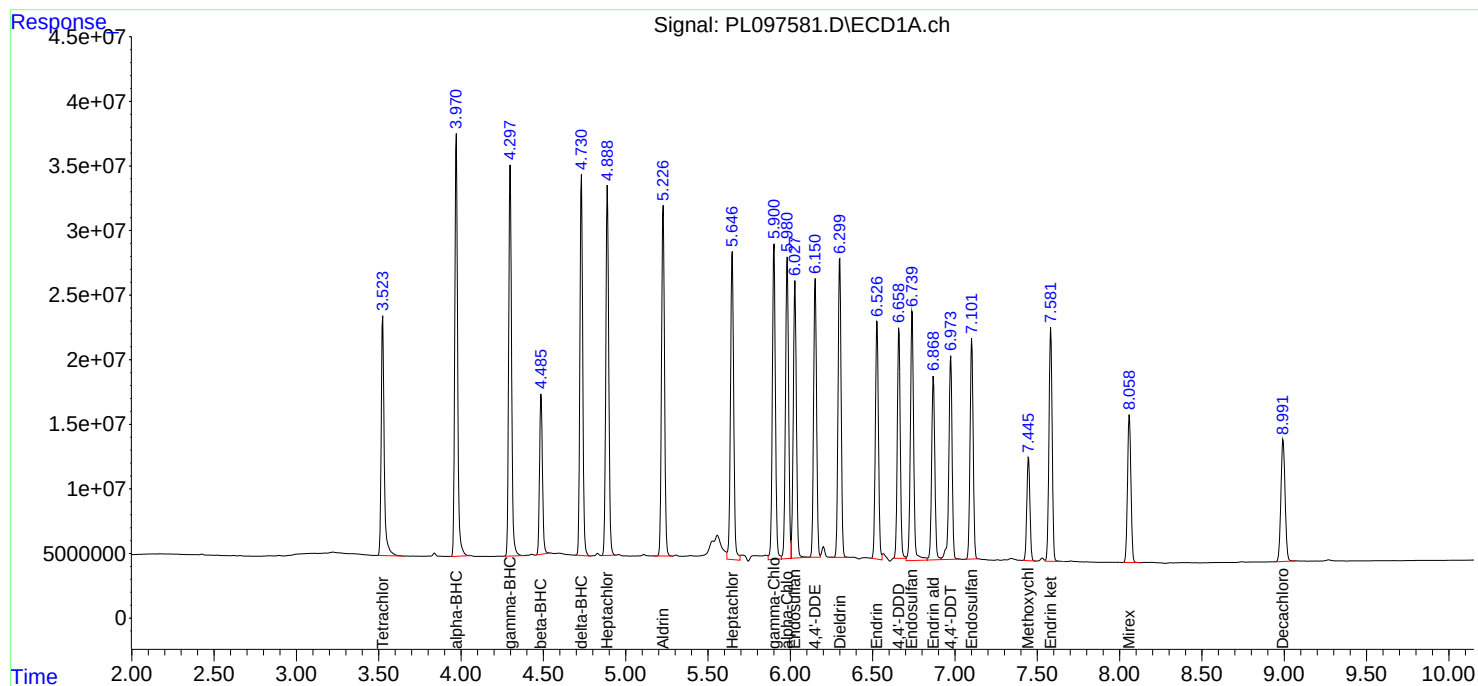
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

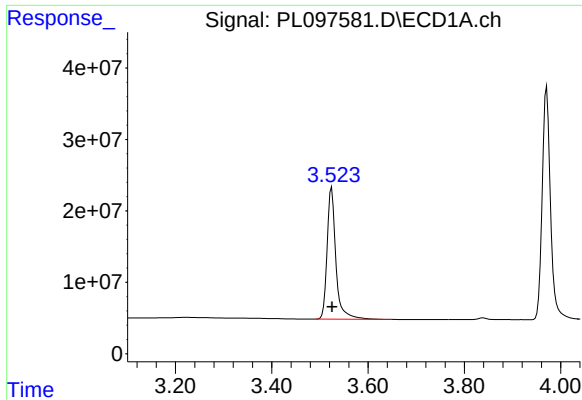
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 11:36:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





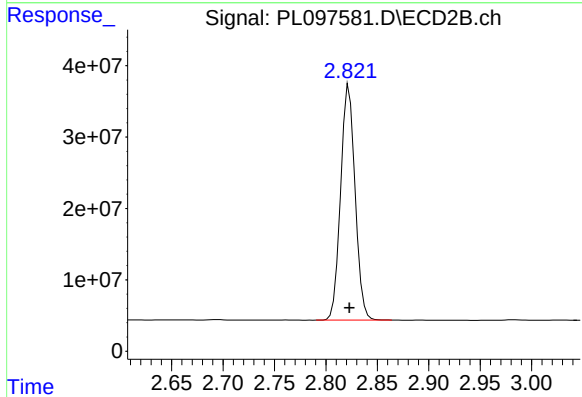
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 233987057
Conc: 57.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

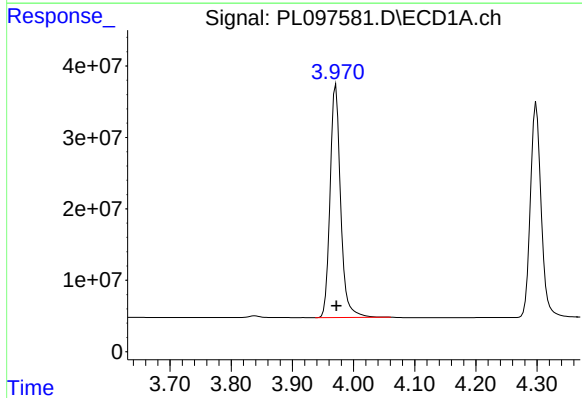
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



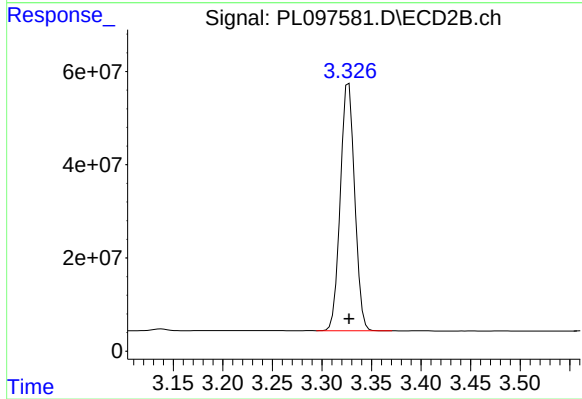
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 322012533
Conc: 52.91 ng/ml



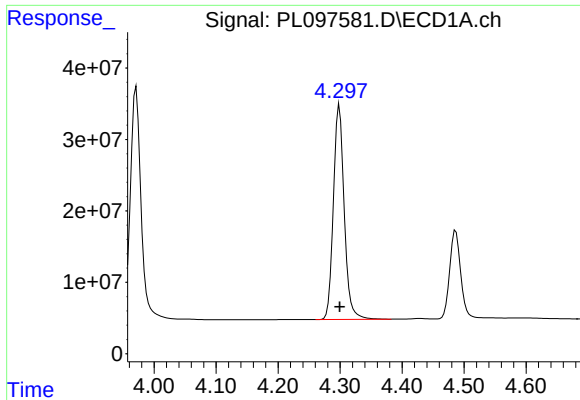
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 389985793
Conc: 57.81 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 535180650
Conc: 54.24 ng/ml



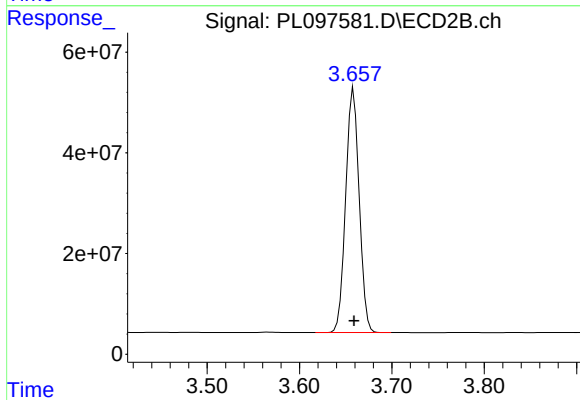
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 366099741
Conc: 57.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

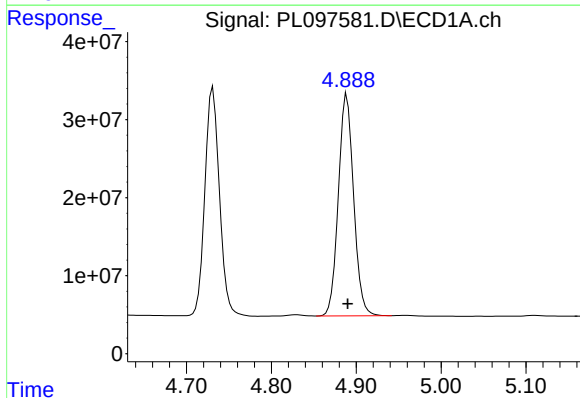
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



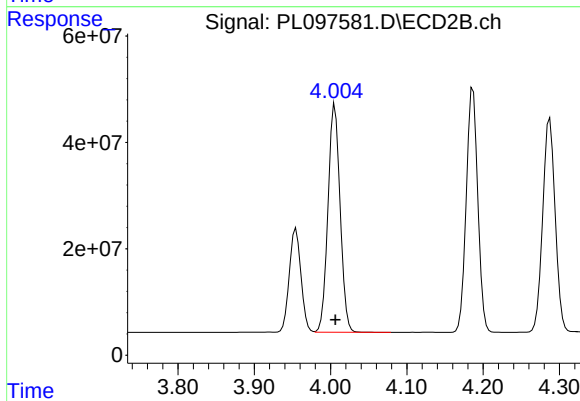
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 492773739
Conc: 53.64 ng/ml



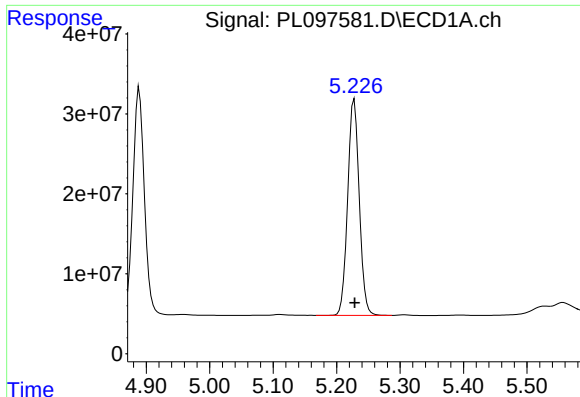
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: -0.001 min
Response: 354799368
Conc: 55.00 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 474858279
Conc: 51.66 ng/ml



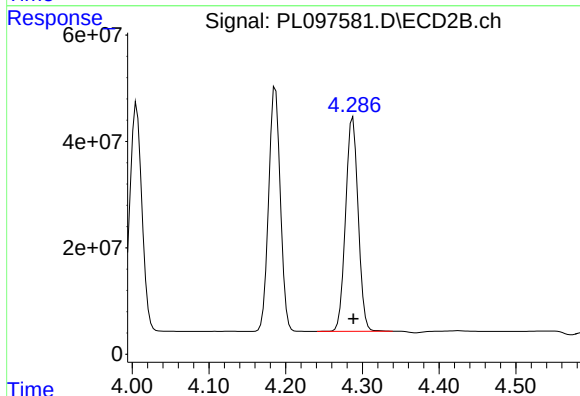
#5 Aldrin

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 342962405
Conc: 57.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

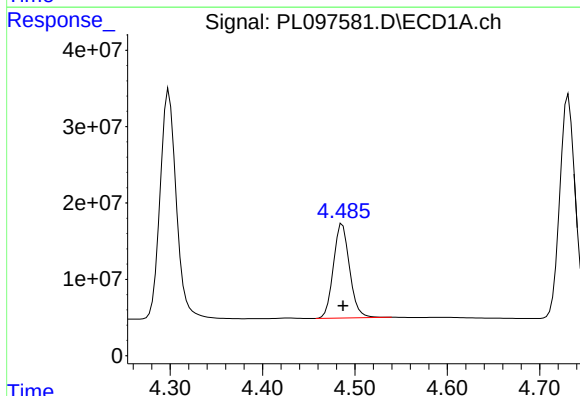
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



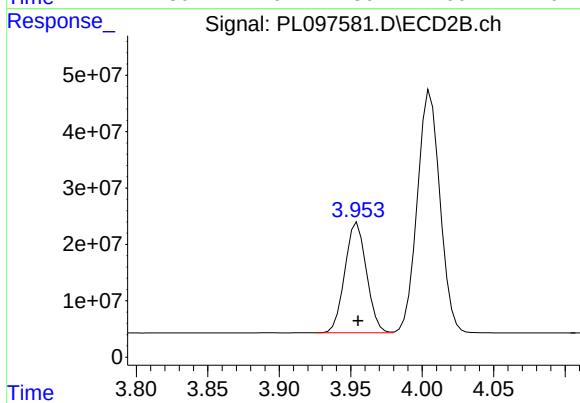
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.001 min
Response: 459723532
Conc: 53.01 ng/ml



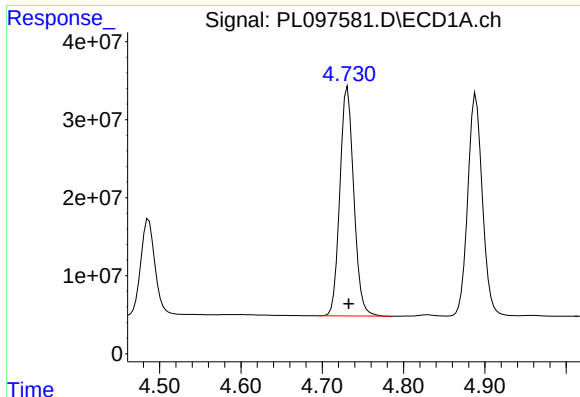
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 150181465
Conc: 58.09 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 205901583
Conc: 51.76 ng/ml



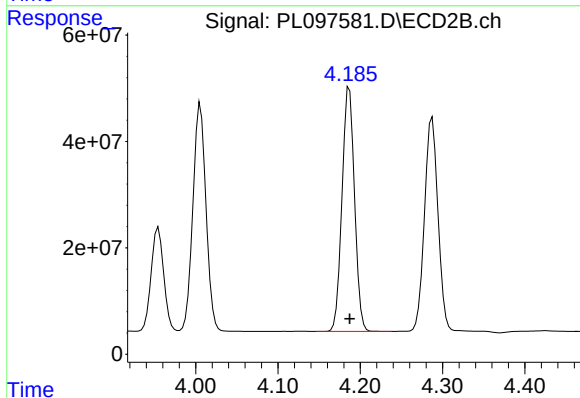
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.001 min
Response: 348988537
Conc: 57.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

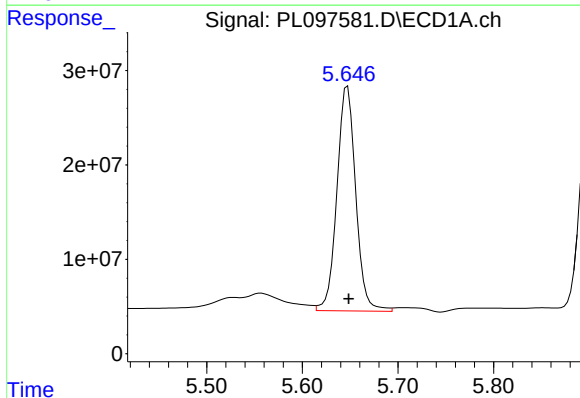
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



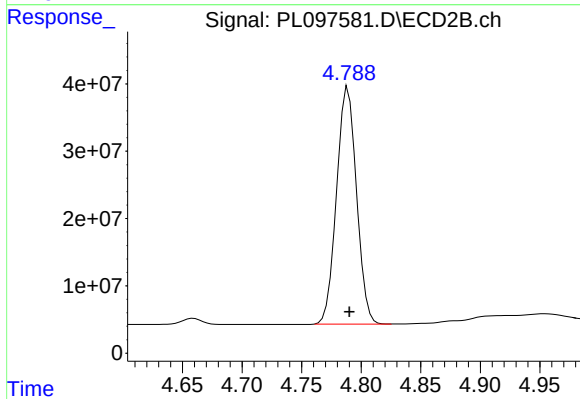
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 485236948
Conc: 53.71 ng/ml



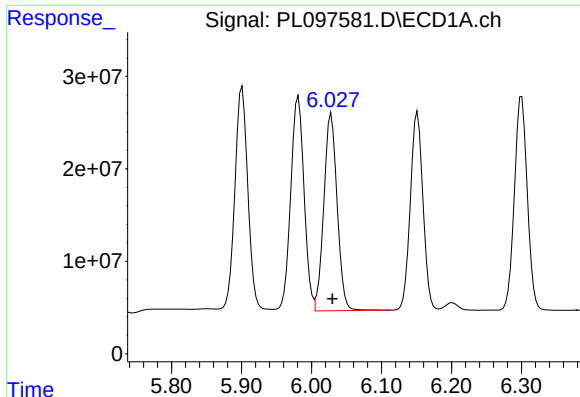
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 325846313
Conc: 55.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 410635718
Conc: 51.99 ng/ml



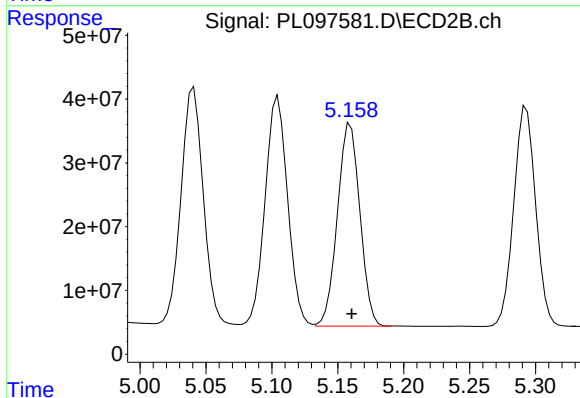
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 282720015
Conc: 56.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

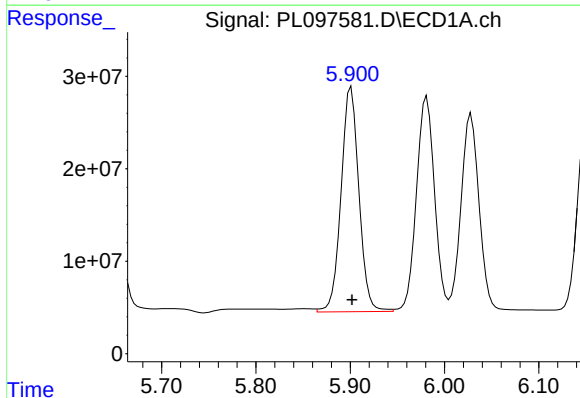
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



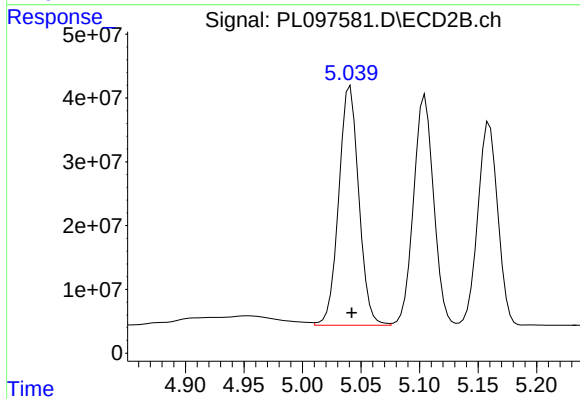
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 376750147
Conc: 51.09 ng/ml



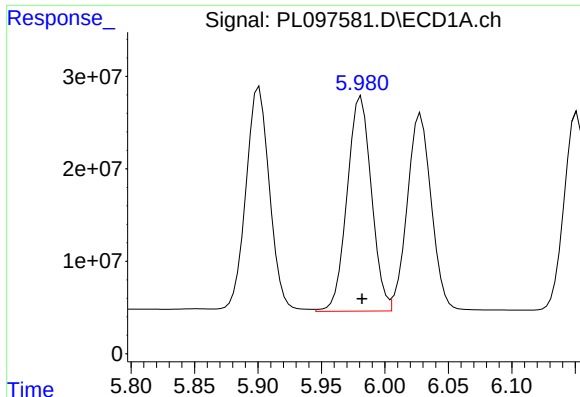
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 319812015
Conc: 58.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 447487268
Conc: 51.48 ng/ml



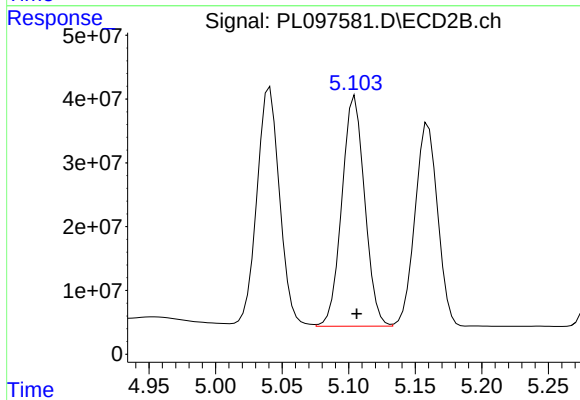
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 309711269
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

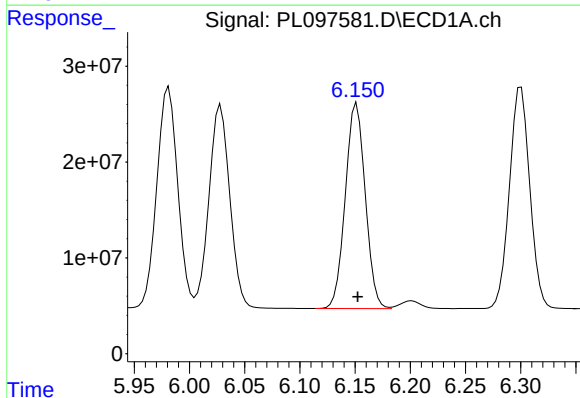
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



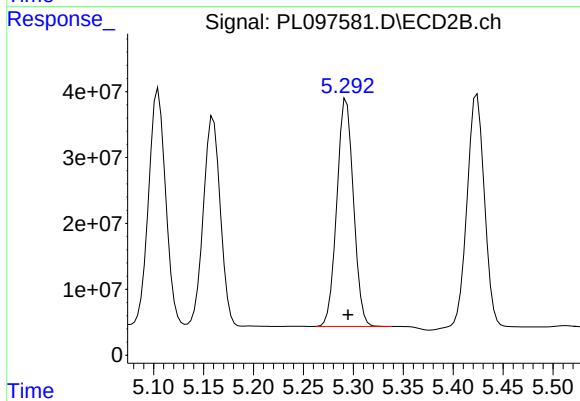
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.001 min
Response: 430599449
Conc: 51.71 ng/ml



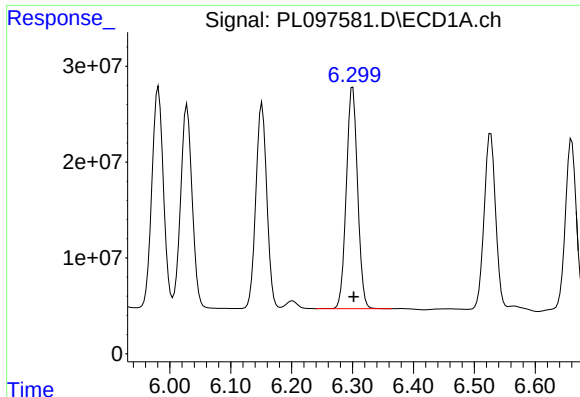
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 269365932
Conc: 57.84 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 400394459
Conc: 52.74 ng/ml



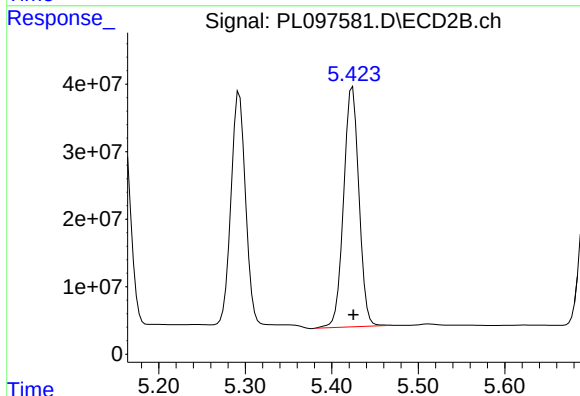
#13 Dieldrin

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 297342933
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

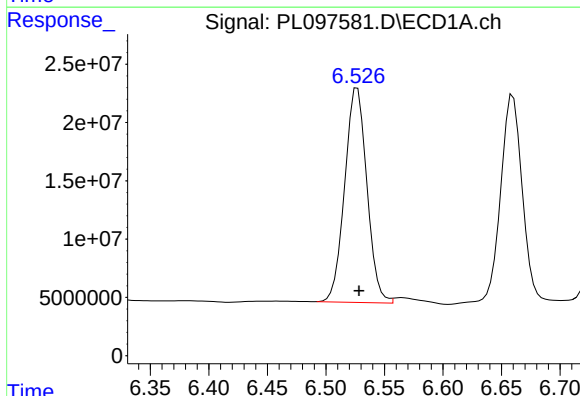
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



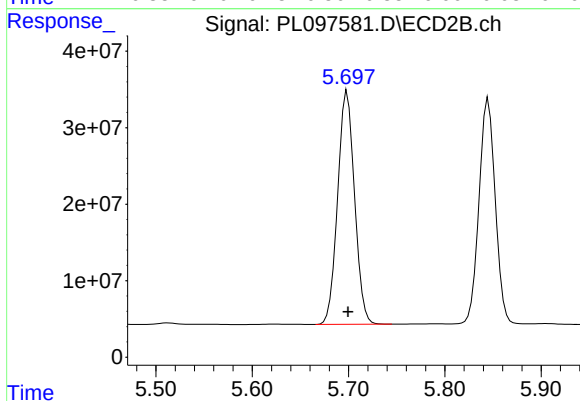
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 435209903
Conc: 52.64 ng/ml



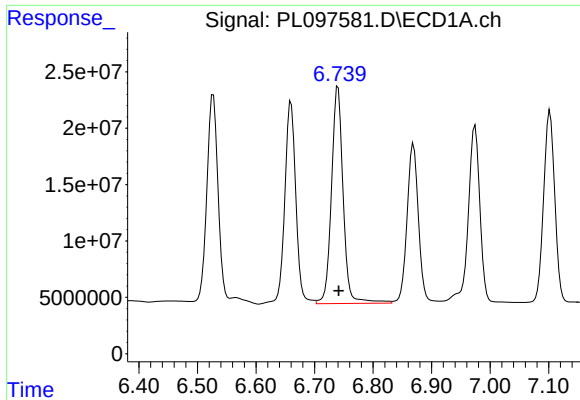
#14 Endrin

R.T.: 6.527 min
Delta R.T.: -0.001 min
Response: 242893548
Conc: 54.29 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 371573913
Conc: 50.20 ng/ml



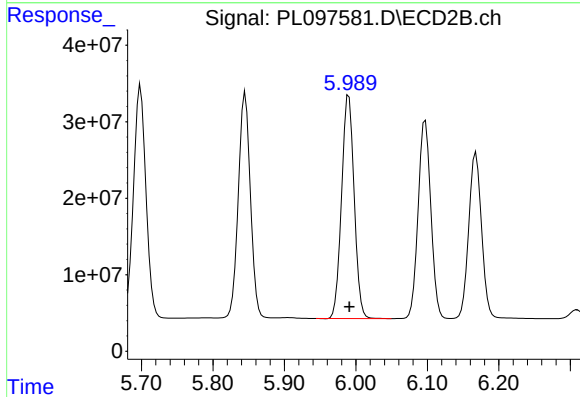
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.001 min
Response: 267329524
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

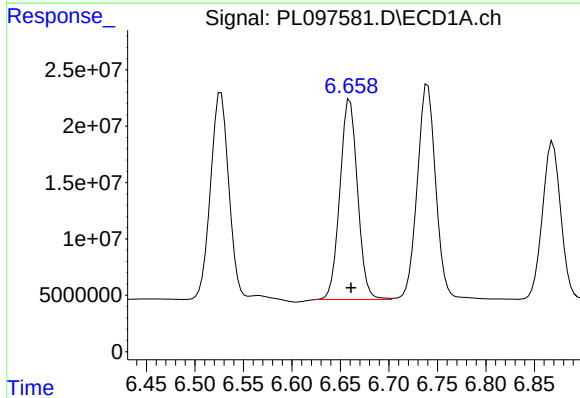
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



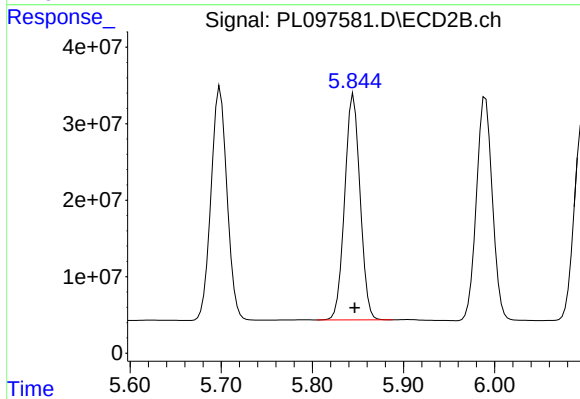
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: -0.001 min
Response: 356168843
Conc: 51.58 ng/ml



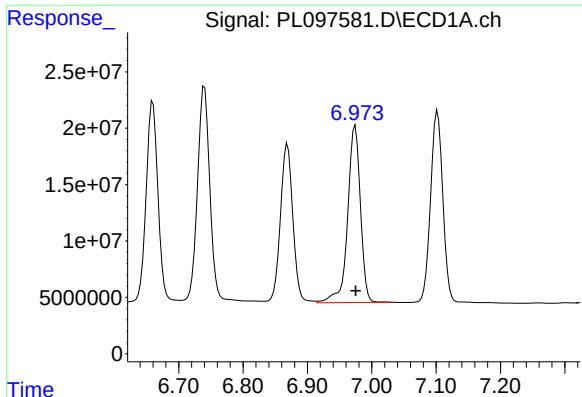
#16 4,4'-DDD

R.T.: 6.658 min
Delta R.T.: -0.003 min
Response: 225004213
Conc: 59.63 ng/ml m



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 345873451
Conc: 54.22 ng/ml



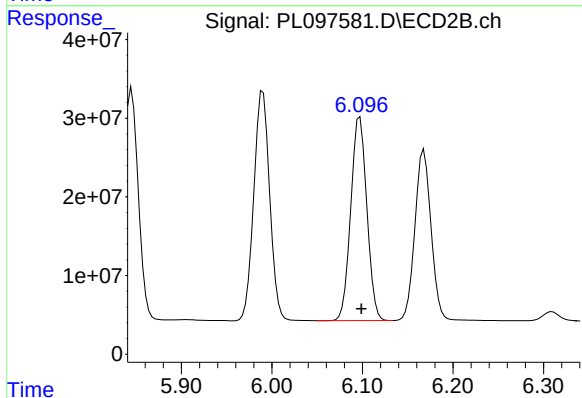
#17 4,4'-DDT

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 216696295
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

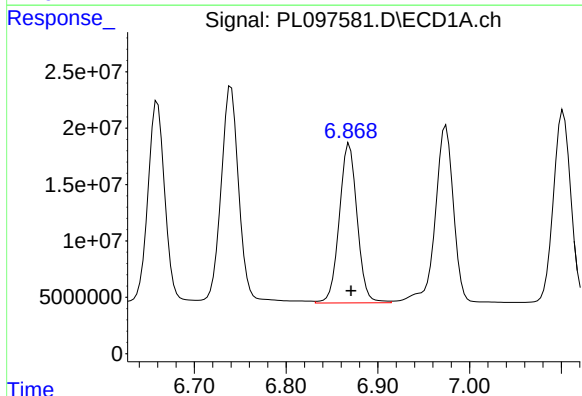
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



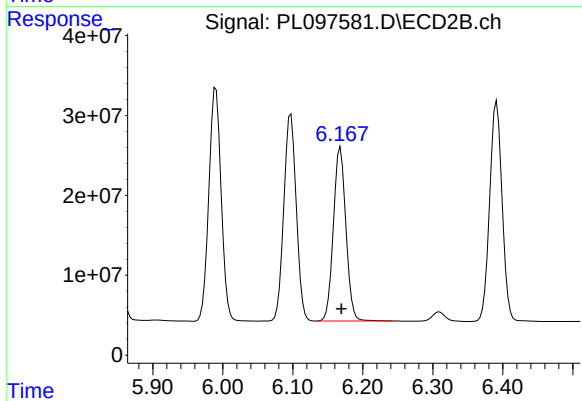
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 320140599
Conc: 48.04 ng/ml



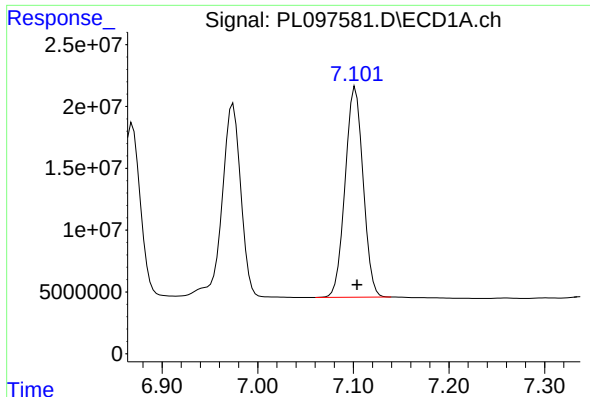
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 190920200
Conc: 58.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 270141821
Conc: 46.91 ng/ml



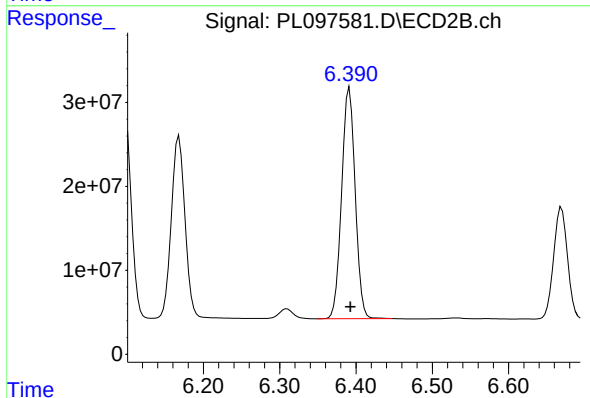
#19 Endosulfan Sulfate

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 223081817
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

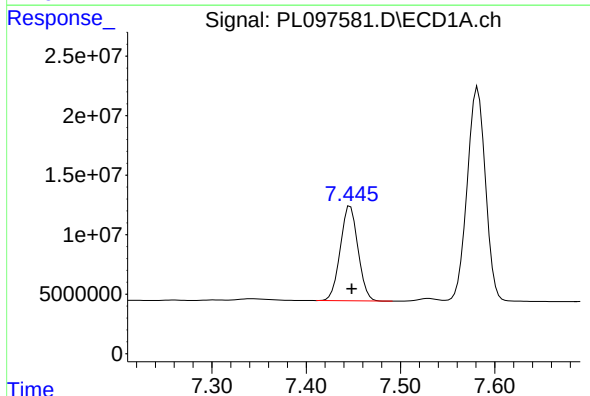
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



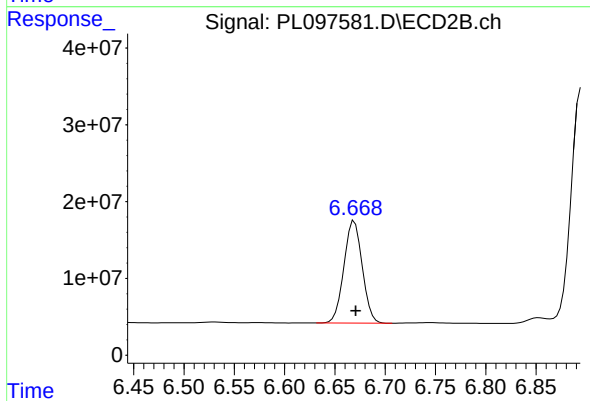
#19 Endosulfan Sulfate

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 339663444
Conc: 51.02 ng/ml



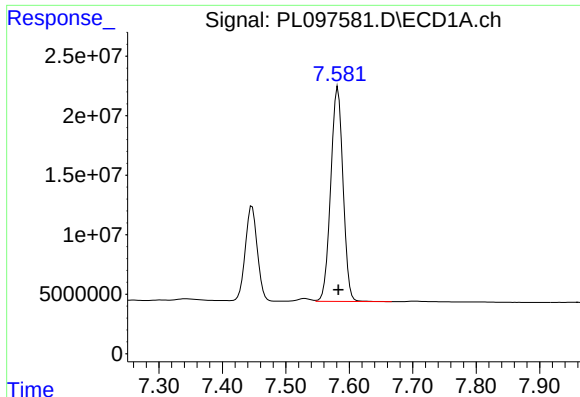
#20 Methoxychlor

R.T.: 7.447 min
Delta R.T.: -0.001 min
Response: 104154361
Conc: 49.86 ng/ml



#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 168649744
Conc: 46.27 ng/ml



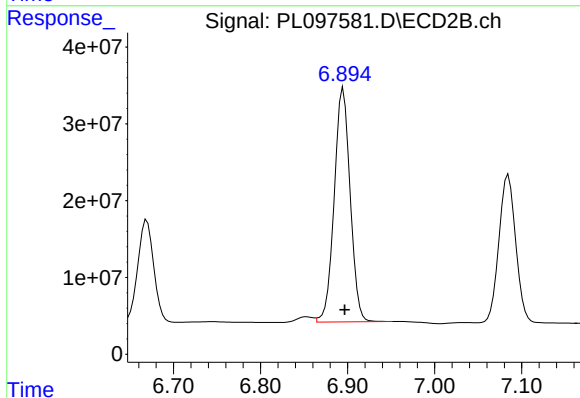
#21 Endrin ketone

R.T.: 7.582 min
Delta R.T.: -0.001 min
Response: 242655288
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

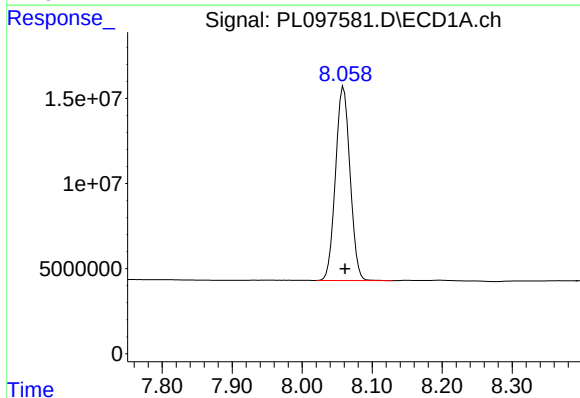
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



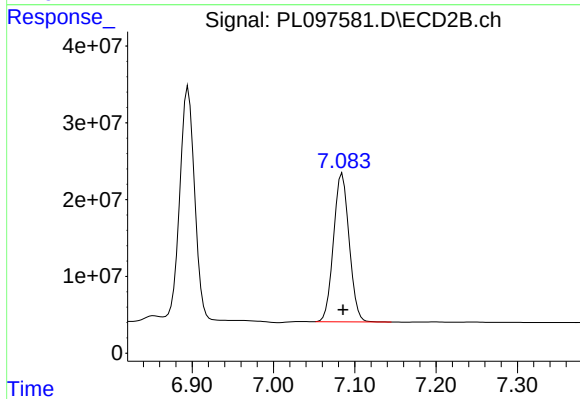
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.001 min
Response: 387860523
Conc: 49.10 ng/ml



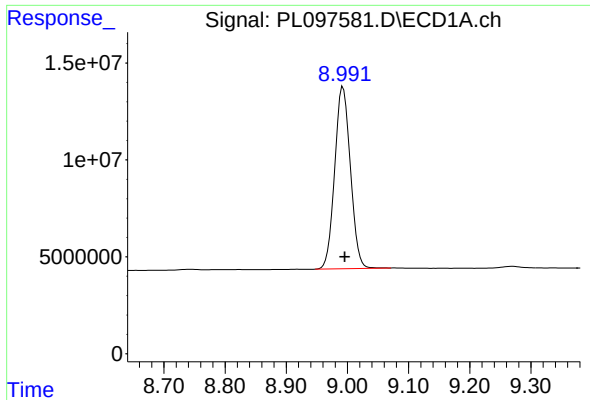
#22 Mirex

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 164477047
Conc: 52.93 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 258126668
Conc: 48.25 ng/ml



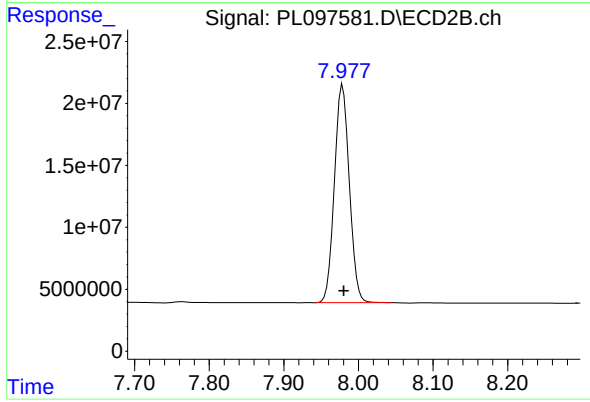
#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: -0.003 min
Response: 167635685
Conc: 56.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.001 min
Response: 244925020
Conc: 47.20 ng/ml