

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
 Data File : PL097252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 20:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2025
 Supervised By : mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 02:02:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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	2.824	204.1E6	276.9E6	51.750	49.122
28)	SA Decachlor...	9.000	7.983	143.0E6	209.2E6	48.289	43.627
Target Compounds							
2)	A alpha-BHC	3.974	3.329	315.7E6	422.4E6	54.481	51.444
3)	MA gamma-BHC...	4.302	3.661	295.9E6	392.0E6	54.183	53.219
4)	MA Heptachlor	4.893	4.008	280.1E6	371.3E6	52.519	49.349
5)	MB Aldrin	5.232	4.290	274.0E6	361.2E6	52.152	51.353
6)	B beta-BHC	4.489	3.956	122.5E6	168.4E6	53.565	51.621
7)	B delta-BHC	4.733	4.189	274.7E6	386.3E6	61.036m	52.568
8)	B Heptachlo...	5.652	4.792	247.3E6	326.5E6	48.064	51.625
9)	A Endosulfan I	6.033	5.163	218.2E6	296.0E6	50.790	49.411
10)	B gamma-Chl...	5.904	5.044	241.6E6	340.2E6	52.465m	51.456
11)	B alpha-Chl...	5.985	5.108	238.1E6	332.8E6	50.595	50.967
12)	B 4,4'-DDE	6.156	5.297	204.9E6	311.5E6	51.361	50.617
13)	MA Dieldrin	6.305	5.426	230.3E6	331.2E6	50.713	50.536m
14)	MA Endrin	6.532	5.702	182.7E6	292.8E6	48.775	49.560
15)	B Endosulfa...	6.745	5.993	209.0E6	278.7E6	47.444	48.740
16)	A 4,4'-DDD	6.665	5.849	175.4E6	267.9E6	55.595	51.303
17)	MA 4,4'-DDT	6.979	6.101	162.8E6	243.3E6	46.492	44.422
18)	B Endrin al...	6.874	6.171	137.4E6	198.3E6	52.799	47.477
19)	B Endosulfa...	7.107	6.395	174.1E6	264.2E6	50.702	47.148
20)	A Methoxychlor	7.451	6.673	77333340	127.7E6	44.560	42.565
21)	B Endrin ke...	7.586	6.899	185.6E6	294.6E6	52.209	47.068
22)	Mirex	8.065	7.089	146.6E6	219.9E6	48.983	45.278

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
Data File : PL097252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 20:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

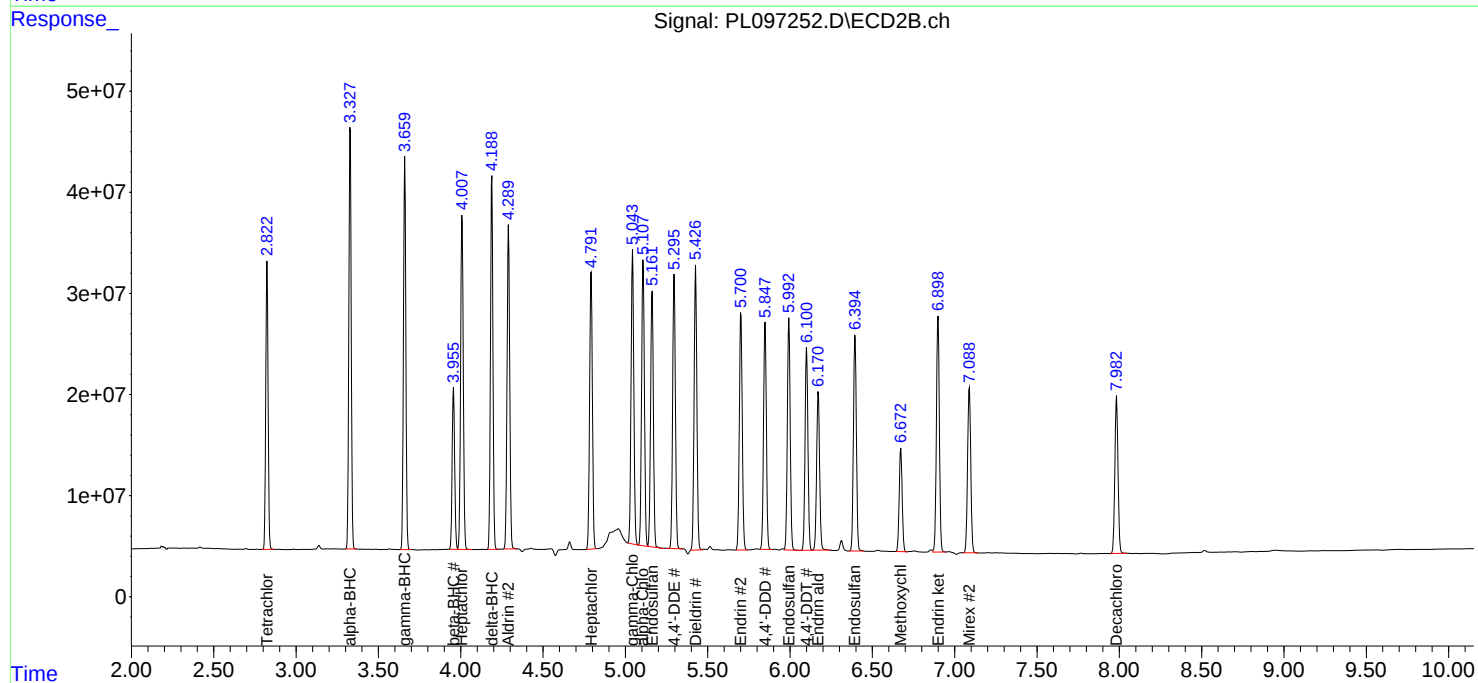
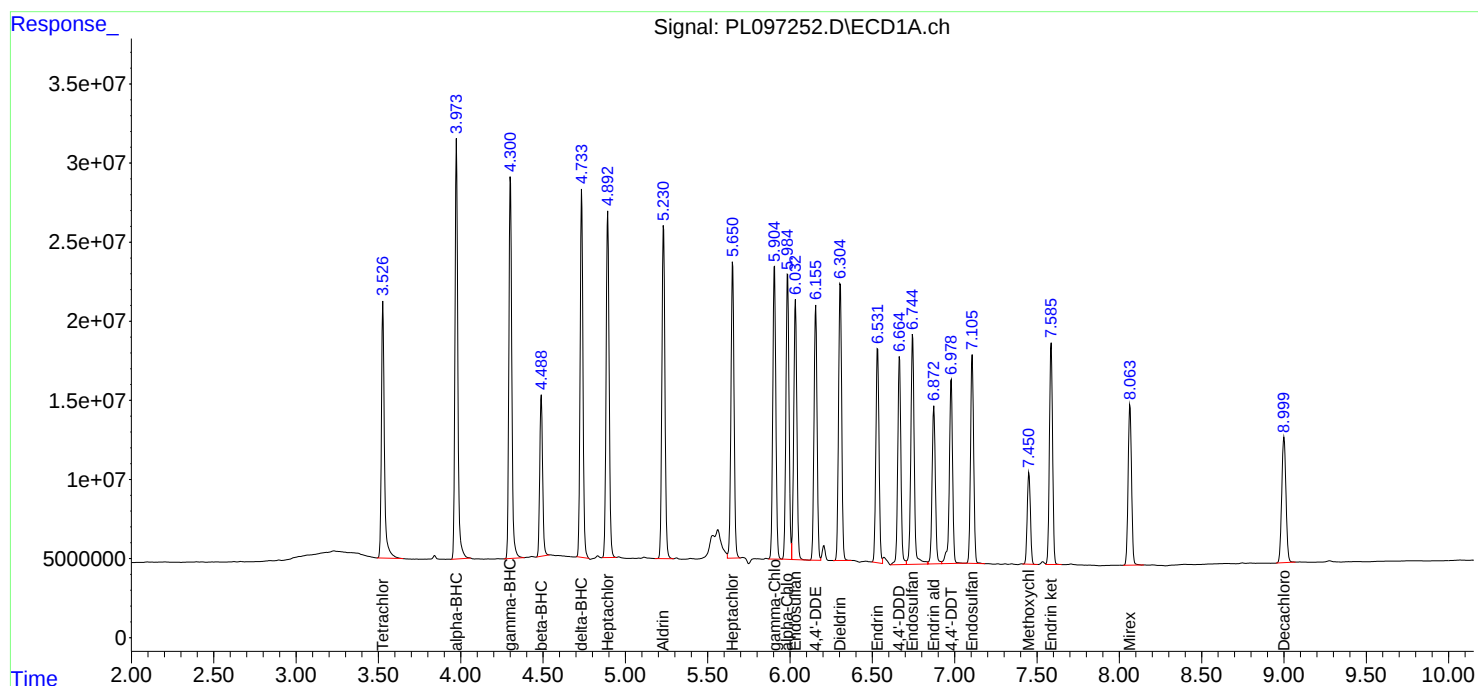
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

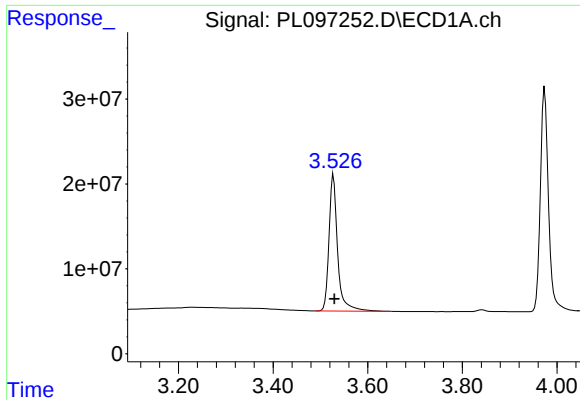
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 02:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





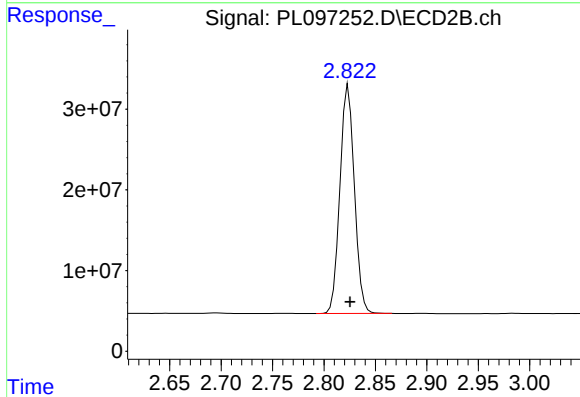
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 204092327
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

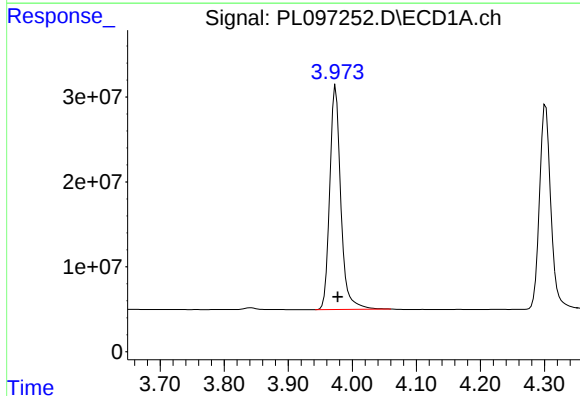
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



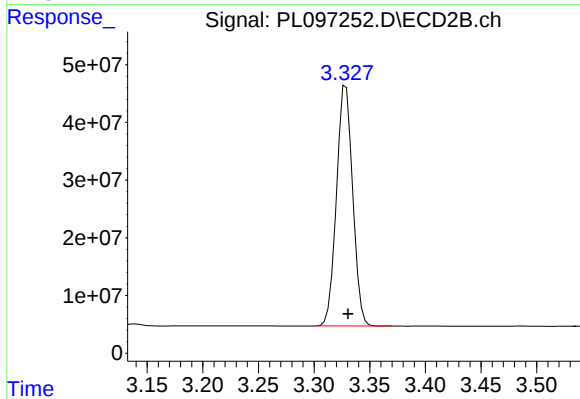
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.002 min
Response: 276881853
Conc: 49.12 ng/ml



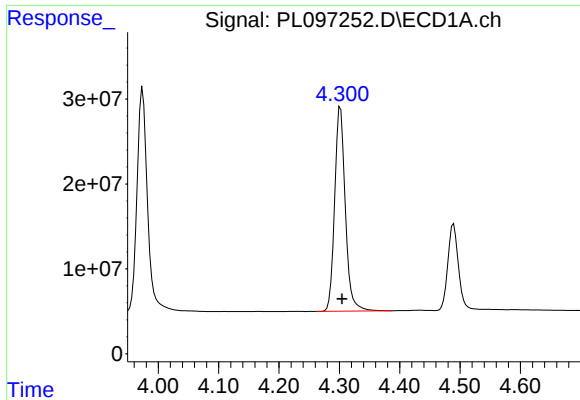
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 315661873
Conc: 54.48 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 422420304
Conc: 51.44 ng/ml



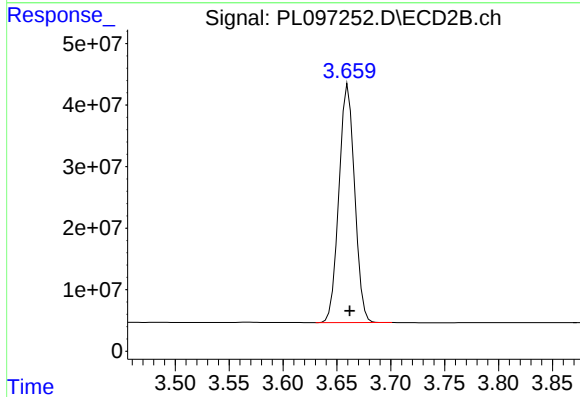
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 295934304
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

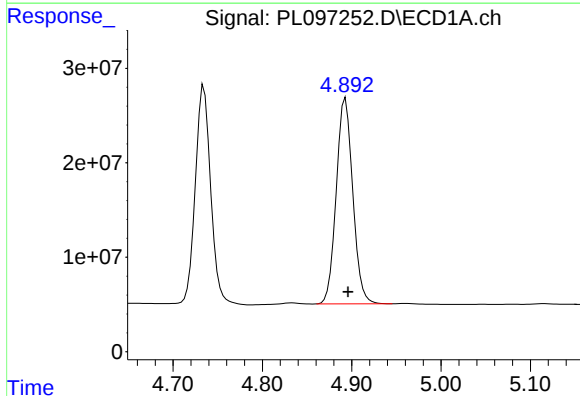
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



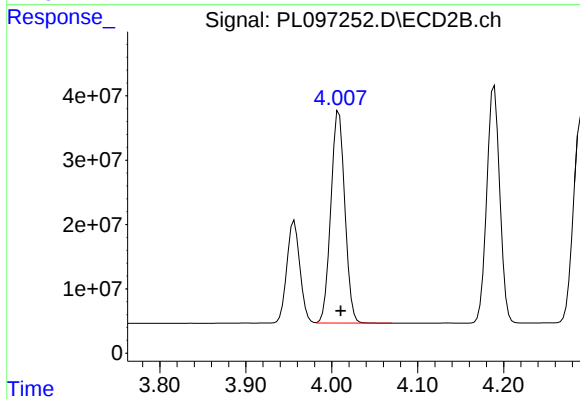
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.002 min
Response: 392039473
Conc: 53.22 ng/ml



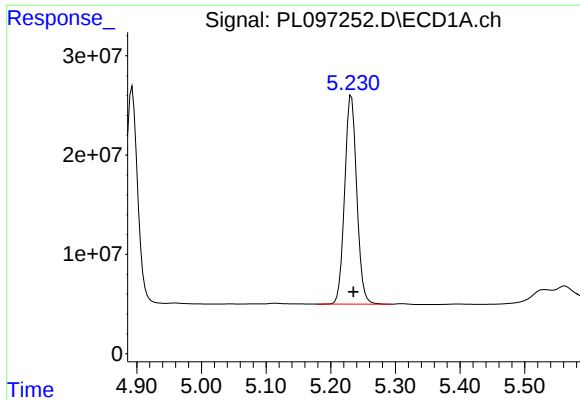
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 280050627
Conc: 52.52 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 371308247
Conc: 49.35 ng/ml



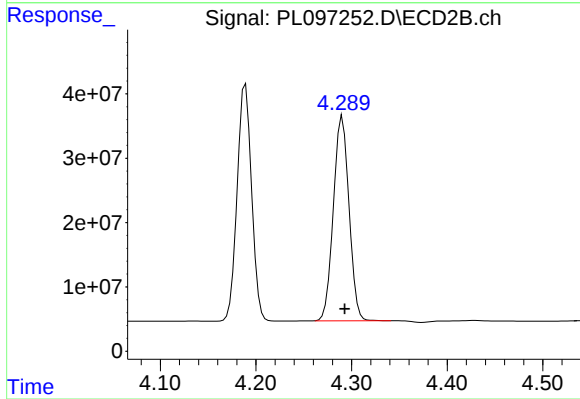
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 273981128
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

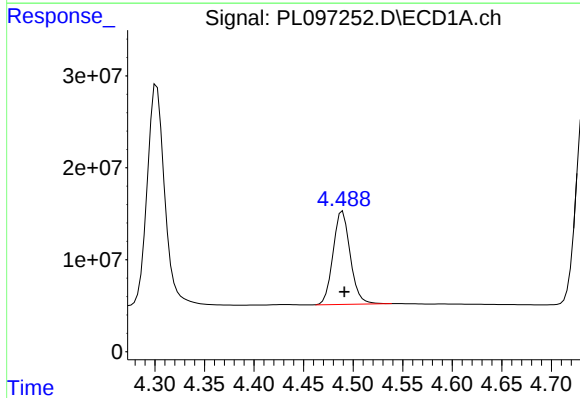
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



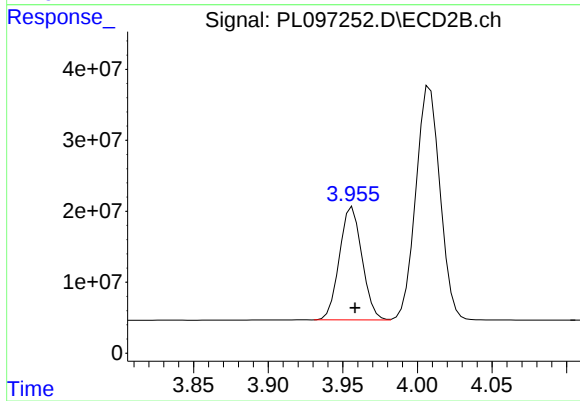
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 361158548
Conc: 51.35 ng/ml



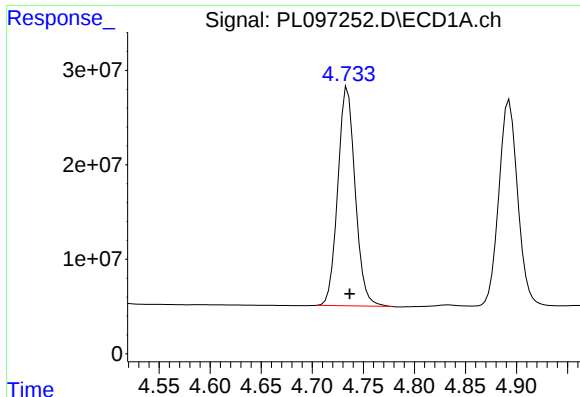
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 122504693
Conc: 53.56 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 168401221
Conc: 51.62 ng/ml



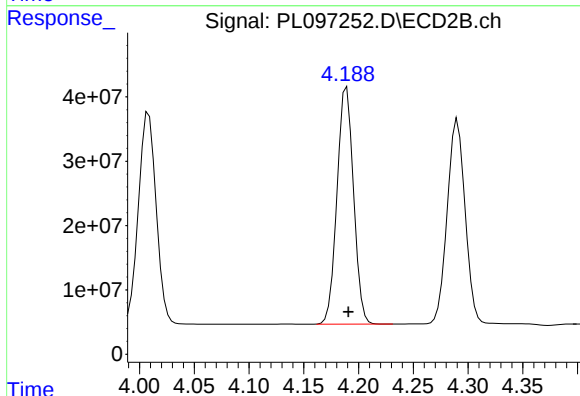
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 274657578
Conc: 61.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

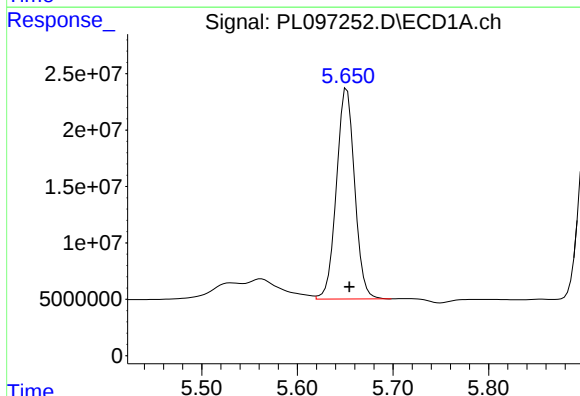
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



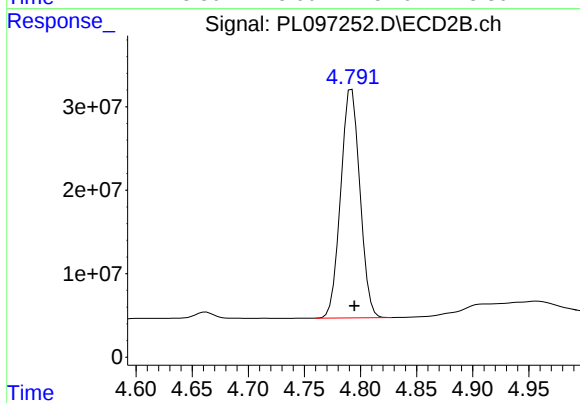
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 386317929
Conc: 52.57 ng/ml



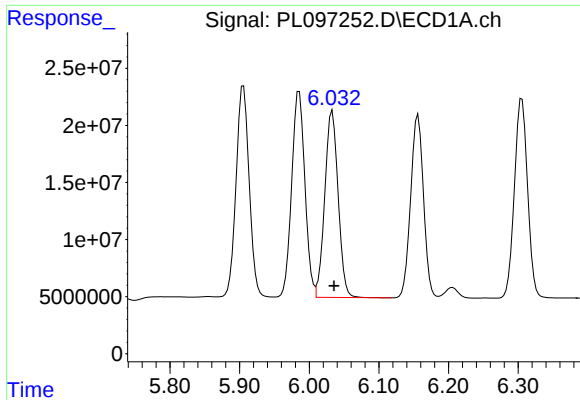
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 247326249
Conc: 48.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 326528848
Conc: 51.63 ng/ml



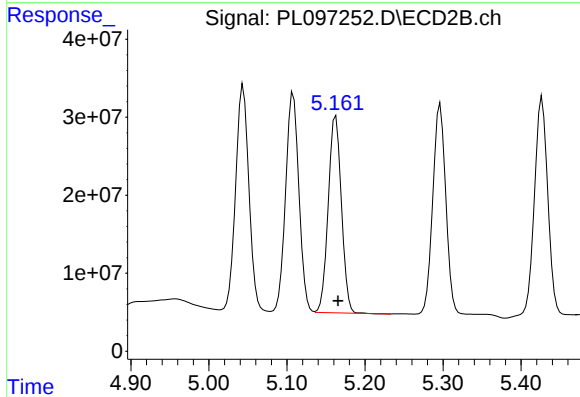
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 218234632
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

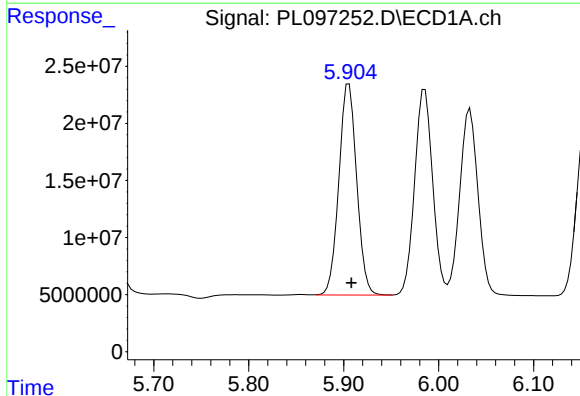
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



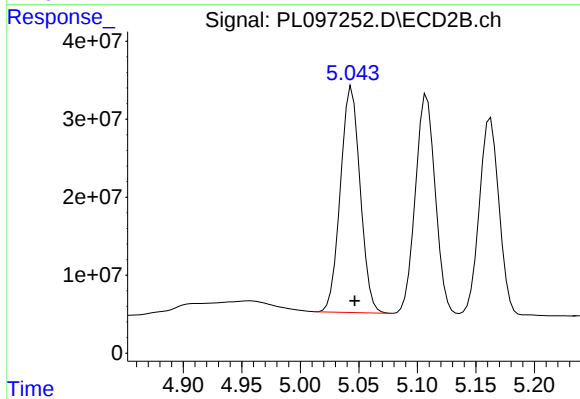
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 296037470
Conc: 49.41 ng/ml



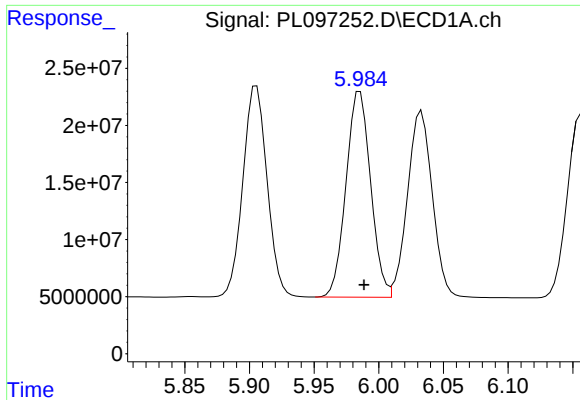
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 241628280
Conc: 52.47 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 340180730
Conc: 51.46 ng/ml



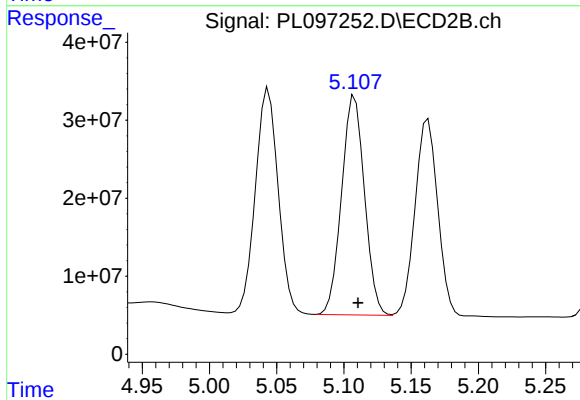
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 238096137
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

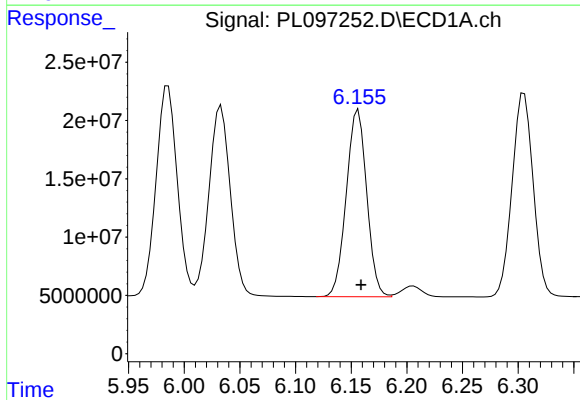
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



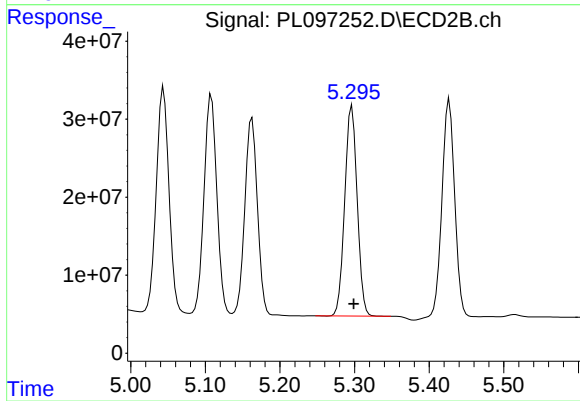
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 332802322
Conc: 50.97 ng/ml



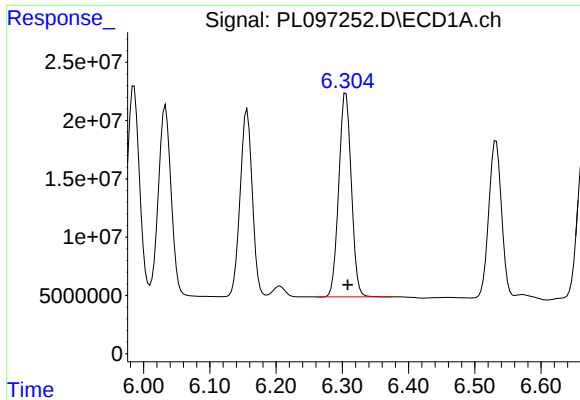
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 204935450
Conc: 51.36 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 311530356
Conc: 50.62 ng/ml



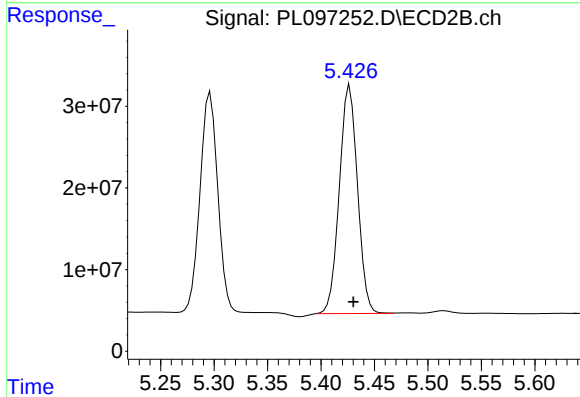
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 230278170
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

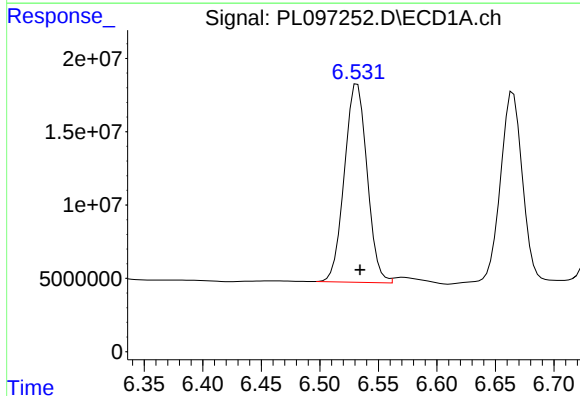
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



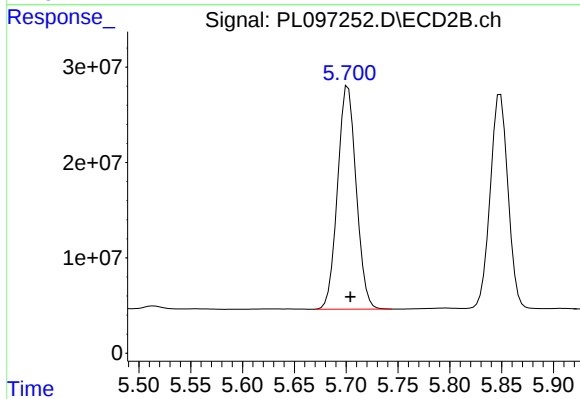
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.005 min
Response: 331161569
Conc: 50.54 ng/ml m



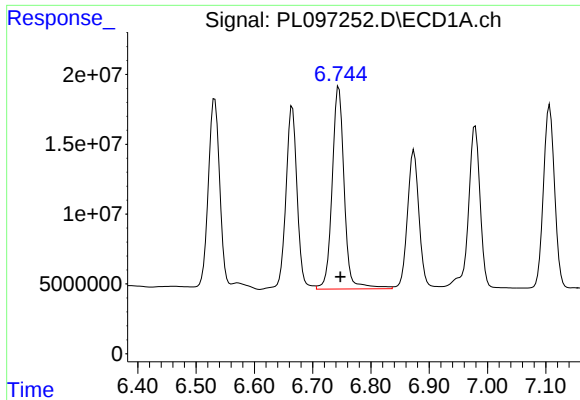
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 182657974
Conc: 48.78 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 292759708
Conc: 49.56 ng/ml



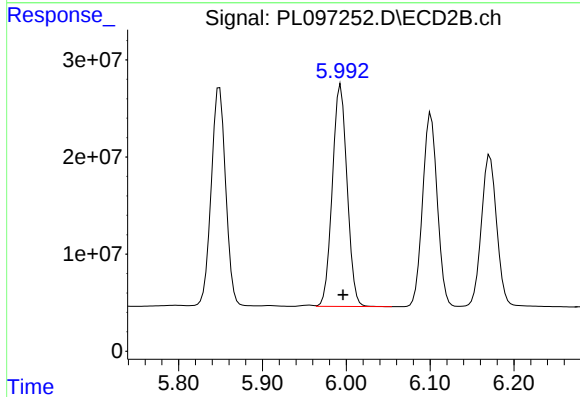
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 208994276
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

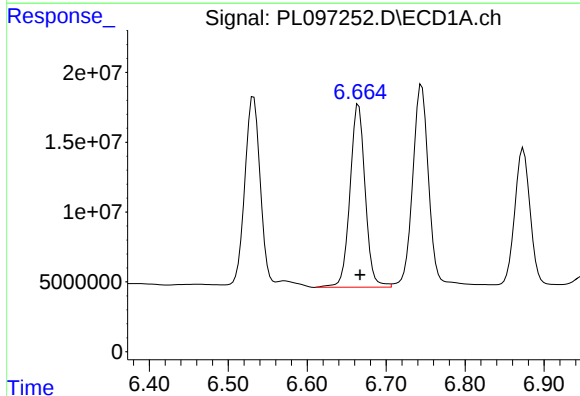
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



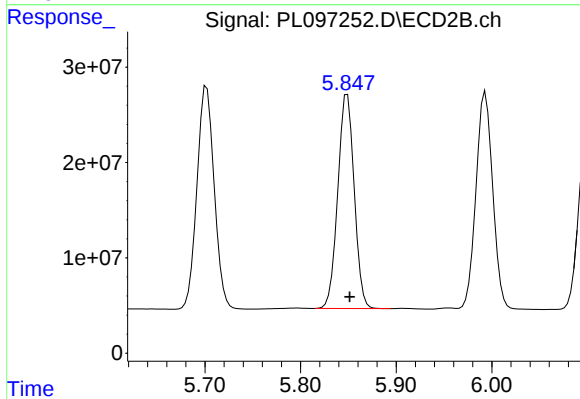
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 278731775
Conc: 48.74 ng/ml



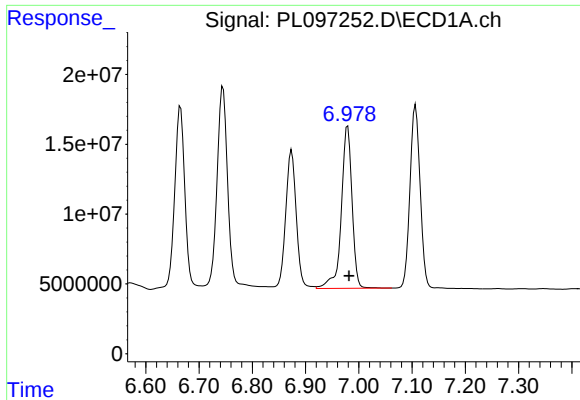
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 175447052
Conc: 55.59 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 267922126
Conc: 51.30 ng/ml



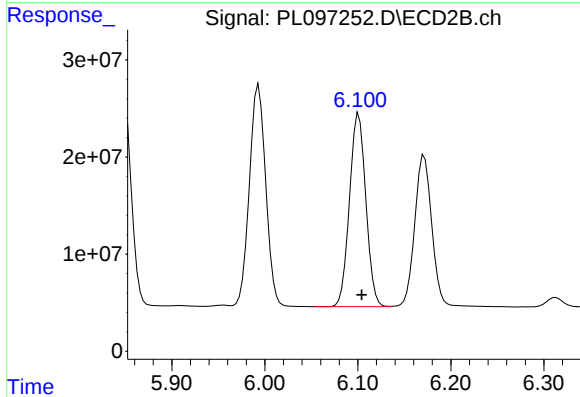
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 162835167
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

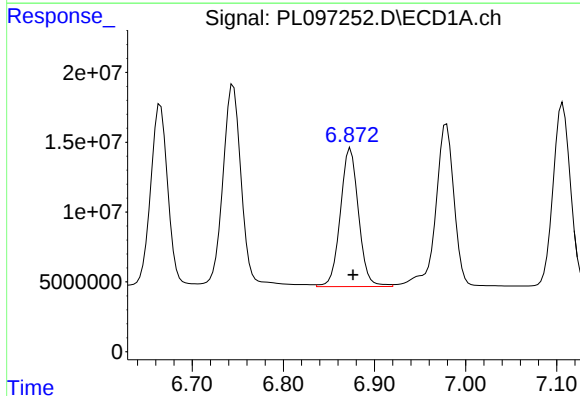
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



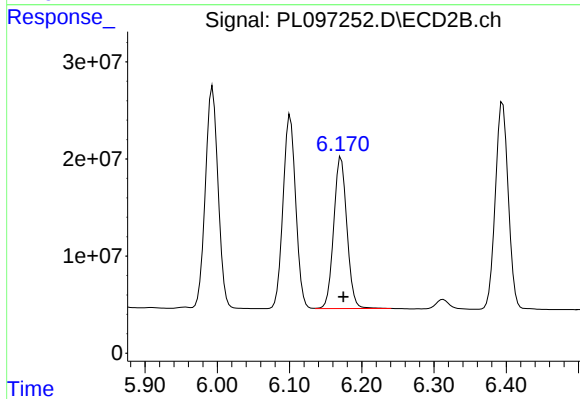
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 243312583
Conc: 44.42 ng/ml



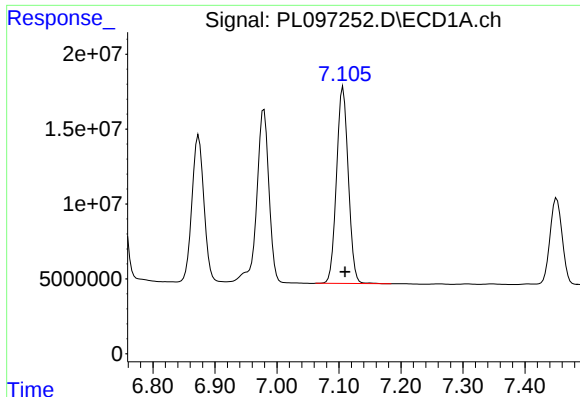
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 137353369
Conc: 52.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 198336742
Conc: 47.48 ng/ml



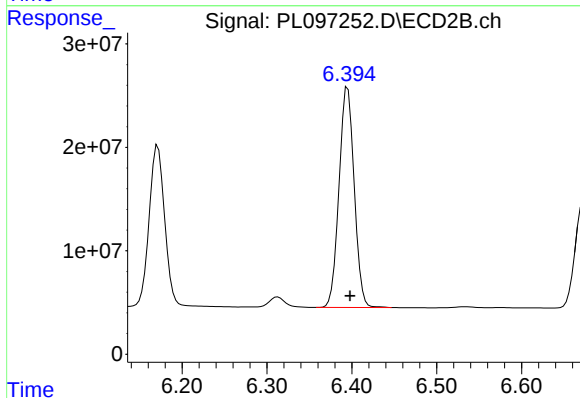
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 174077578
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

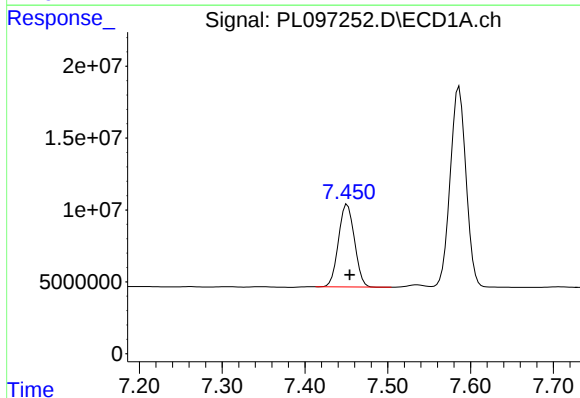
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



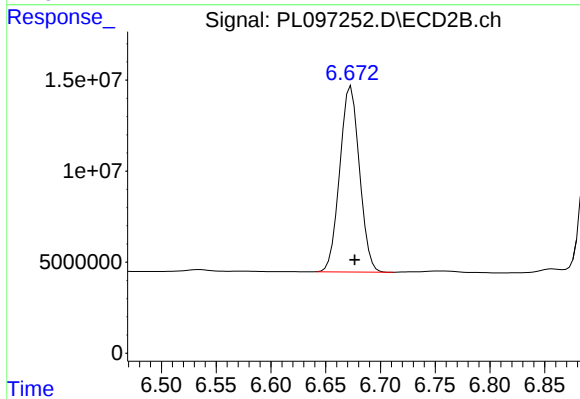
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 264165818
Conc: 47.15 ng/ml



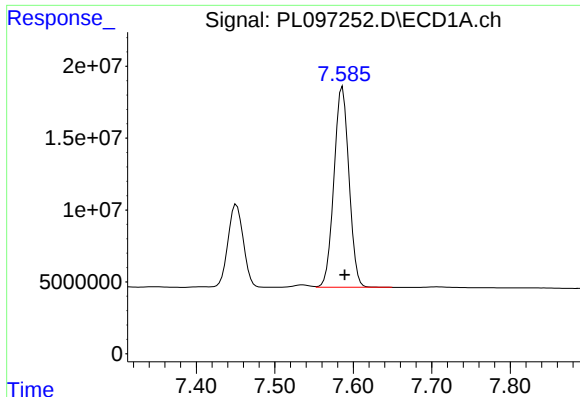
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 77333340
Conc: 44.56 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 127685018
Conc: 42.56 ng/ml



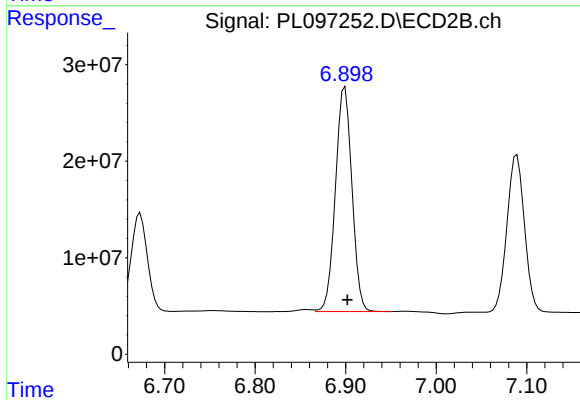
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 185616694
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

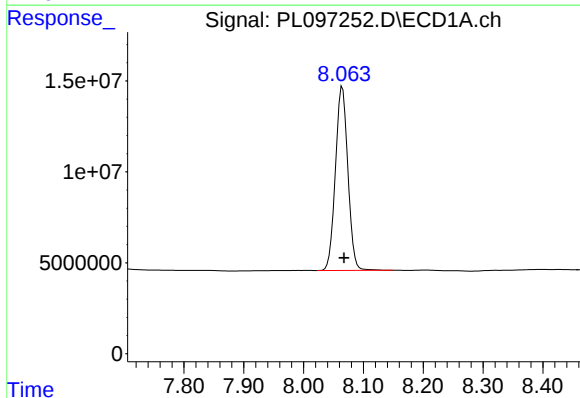
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



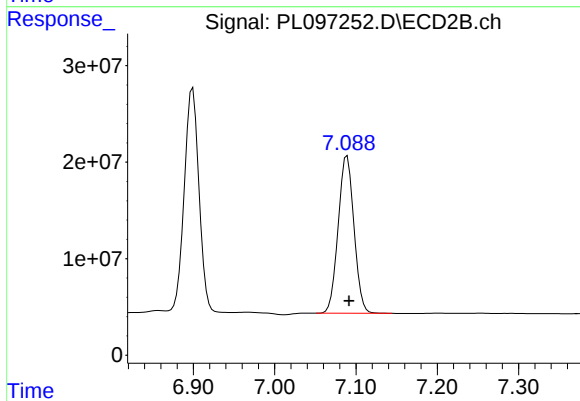
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 294597380
Conc: 47.07 ng/ml



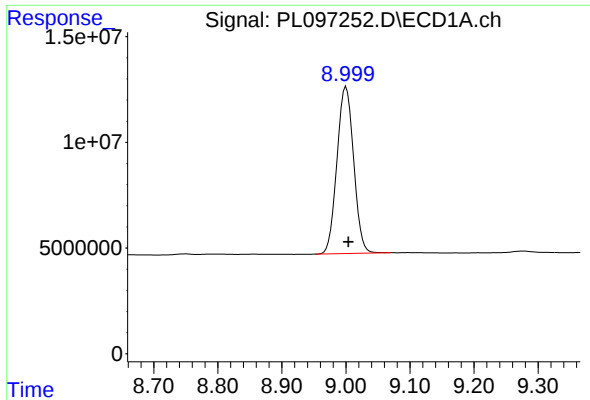
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 146553043
Conc: 48.98 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 219895455
Conc: 45.28 ng/ml



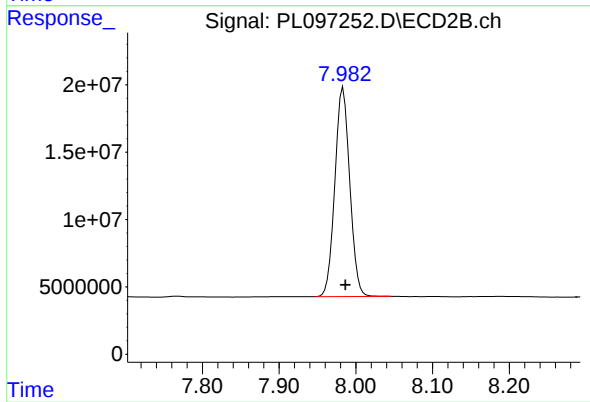
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 142968632
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 209226361
Conc: 43.63 ng/ml