

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 16:38
 Operator : AR\AJ
 Sample : Q2726-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WBR-PBOMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:50:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.533	2.828	50989327	77827698	16.030m	16.290
2)	SA Decachlor...	9.012	7.989	29170324	51070491	12.232m	11.772m
Target Compounds							
2)	A alpha-BHC	3.982	3.333	240.2E6	366.6E6	51.922	51.799
3)	MA gamma-BHC...	4.310	3.665	219.6E6	341.5E6	49.647	51.720
4)	MA Heptachlor	4.903	4.014	213.7E6	328.1E6	51.414	49.257
5)	MB Aldrin	5.240	4.296	216.6E6	314.0E6	50.367m	50.582
6)	B beta-BHC	4.497	3.961	94164568	142.6E6	52.170	50.541
7)	B delta-BHC	4.741	4.194	213.9E6	331.1E6	53.619m	51.141
8)	B Heptachlo...	5.661	4.799	198.5E6	288.0E6	51.473	50.431
9)	A Endosulfan I	6.043	5.170	190.5E6	310.2E6	52.957	56.075
10)	B gamma-Chl...	5.915	5.051	201.1E6	302.4E6	52.844	51.421
11)	B alpha-Chl...	5.995	5.115	200.1E6	288.7E6	51.917	48.950
12)	B 4,4'-DDE	6.166	5.303	159.3E6	278.8E6	49.615	50.559
13)	MA Dieldrin	6.316	5.434	192.2E6	310.8E6	51.800	52.621
14)	MA Endrin	6.542	5.708	153.7E6	260.9E6	50.794	48.262
15)	B Endosulfa...	6.755	6.001	164.1E6	276.1E6	51.227	53.748
16)	A 4,4'-DDD	6.675	5.856	146.9E6	237.7E6	58.104	50.511
17)	MA 4,4'-DDT	6.989	6.108	133.8E6	226.3E6	46.644	44.730
18)	B Endrin al...	6.883	6.179	120.2E6	206.4E6	55.991	55.968
19)	B Endosulfa...	7.117	6.403	149.3E6	257.1E6	51.940	50.548
20)	A Methoxychlor	7.461	6.681	71114202	122.1E6	48.431	44.536
21)	B Endrin ke...	7.596	6.907	165.5E6	277.6E6	55.039	49.838
22)	Mirex	8.075	7.096	129.0E6	217.2E6	52.012	49.798m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 16:38
Operator : AR\AJ
Sample : Q2726-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

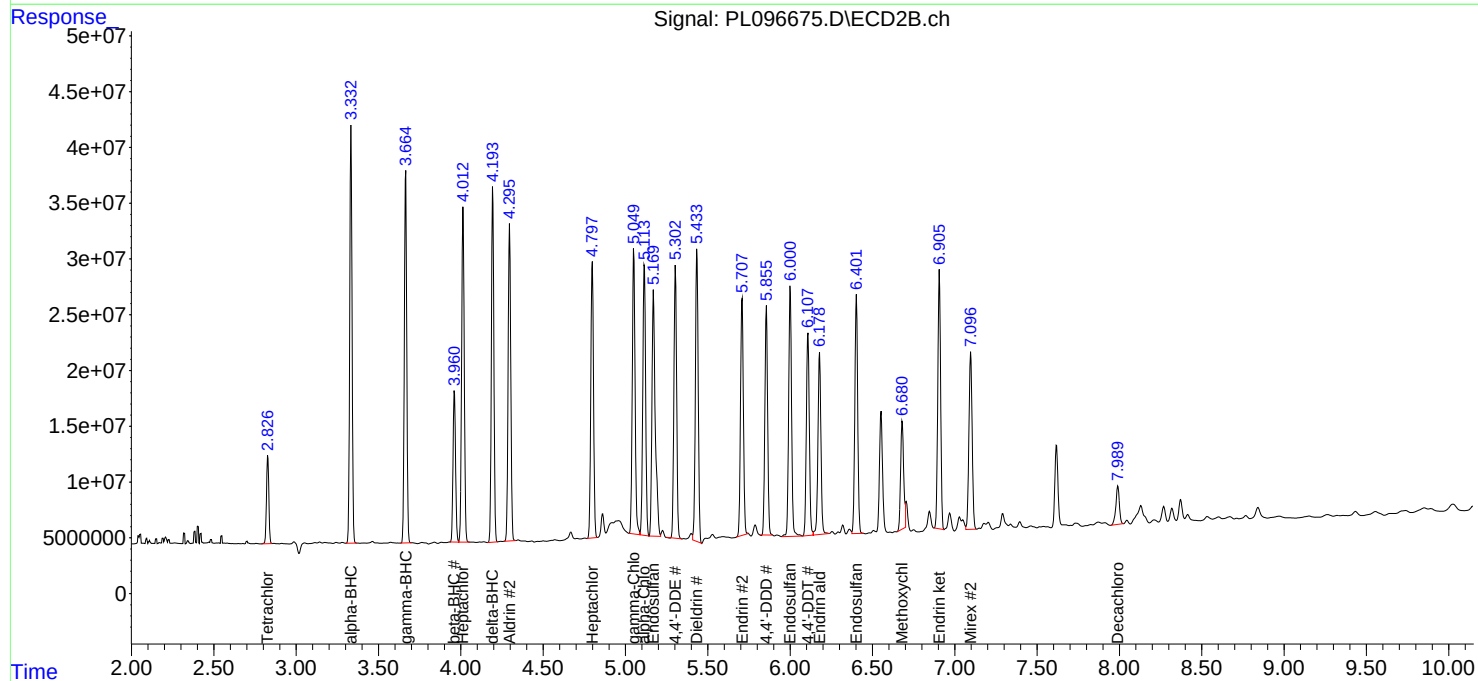
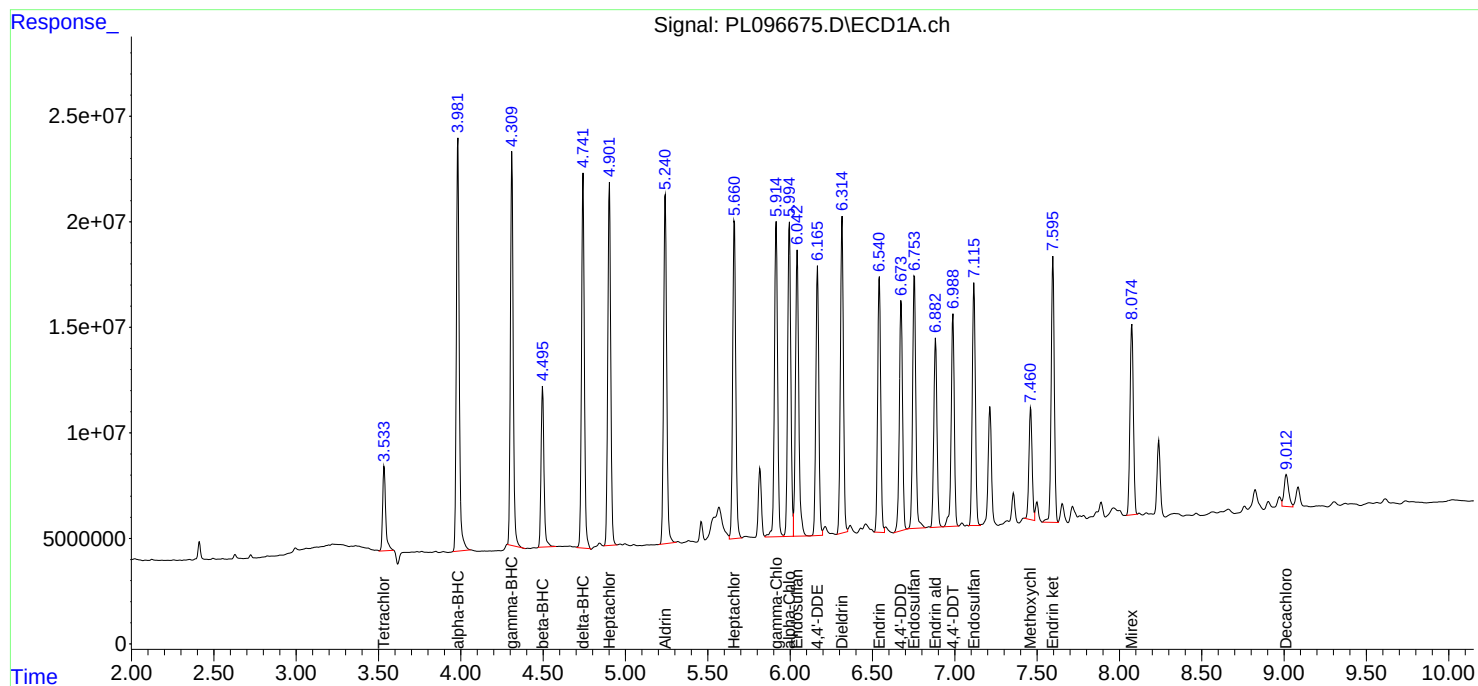
Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

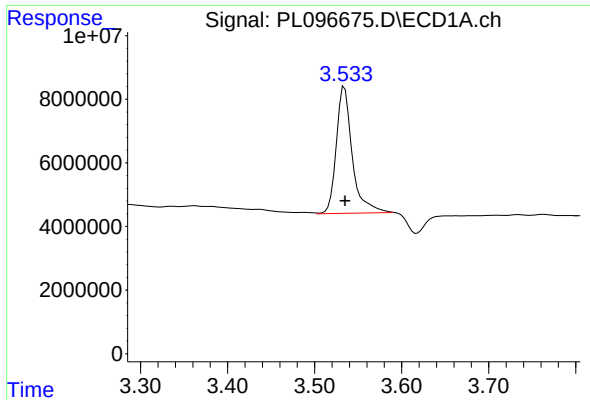
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:50:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





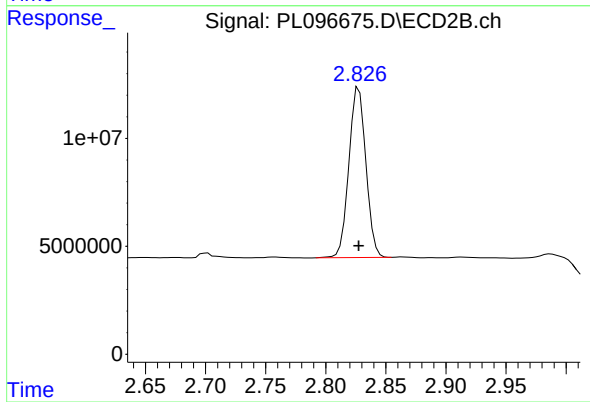
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 50989327
Conc: 16.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

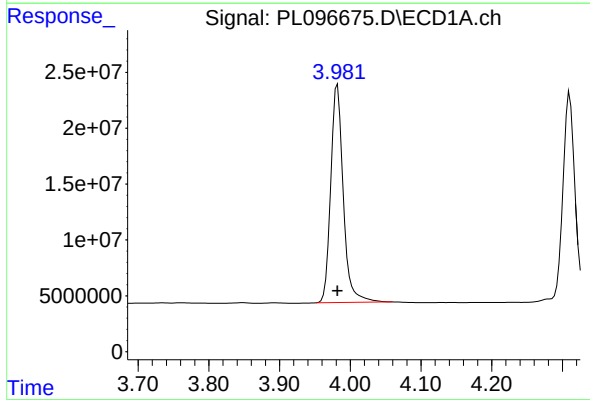
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



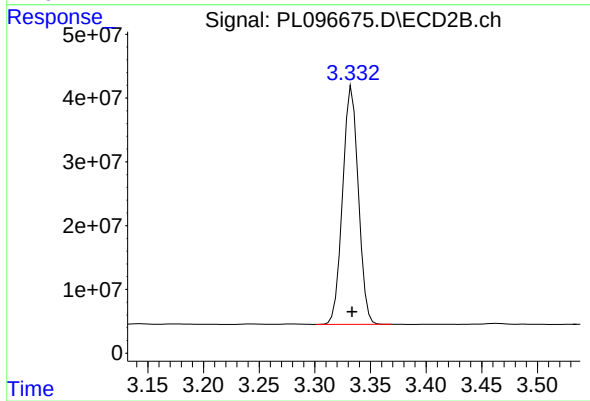
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 77827698
Conc: 16.29 ng/ml



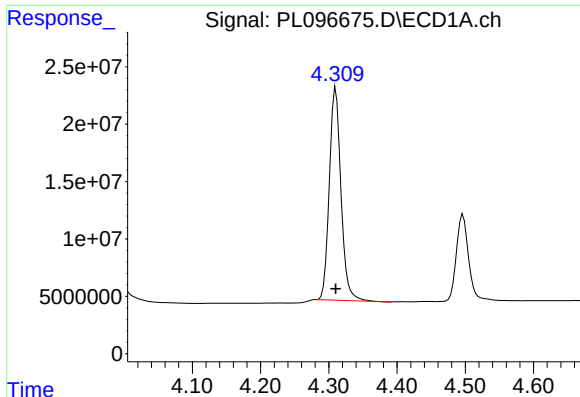
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 240211740
Conc: 51.92 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 366586012
Conc: 51.80 ng/ml



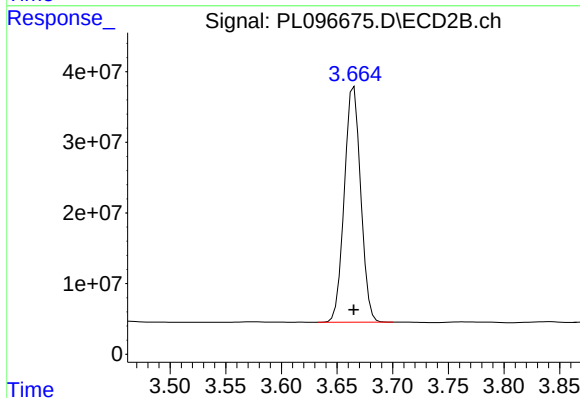
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 219612802
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

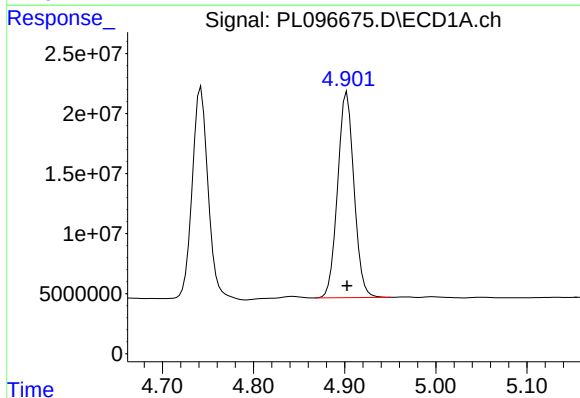
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



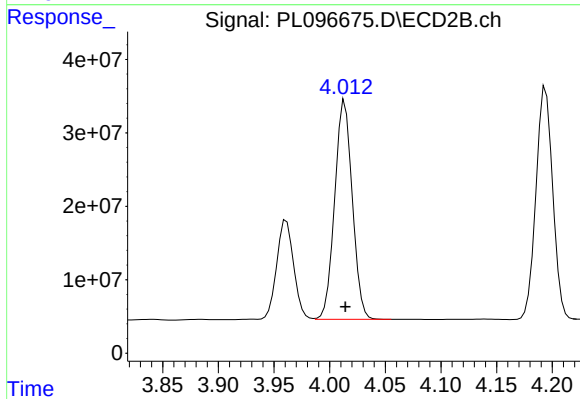
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 341527168
Conc: 51.72 ng/ml



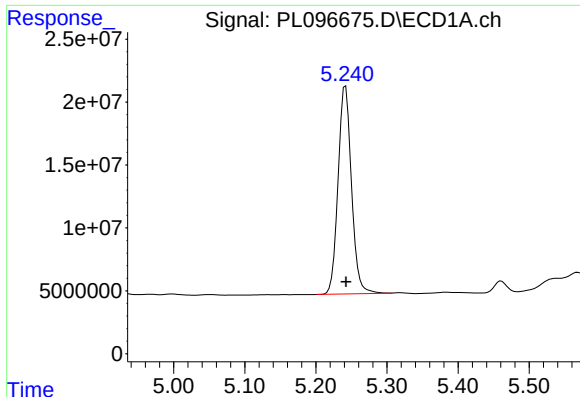
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 213659719
Conc: 51.41 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 328147248
Conc: 49.26 ng/ml



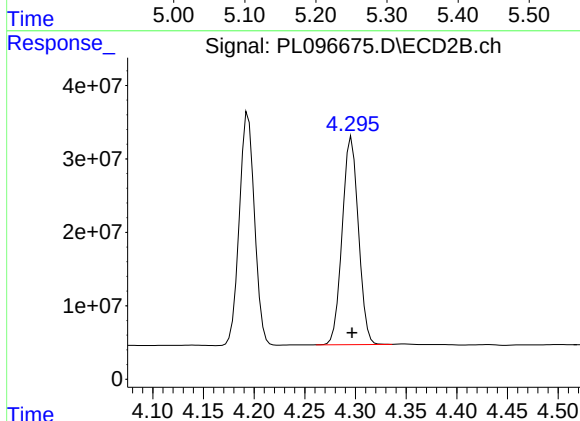
#5 Aldrin

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 216629142
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

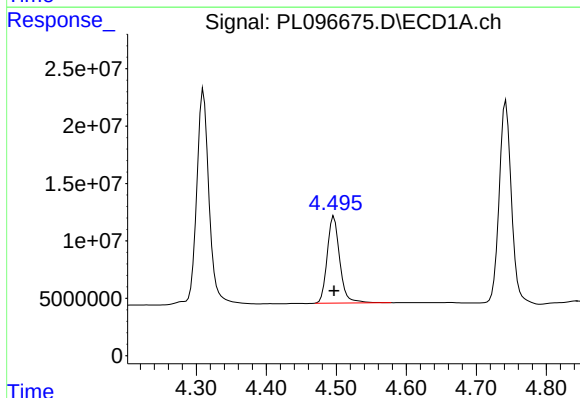
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



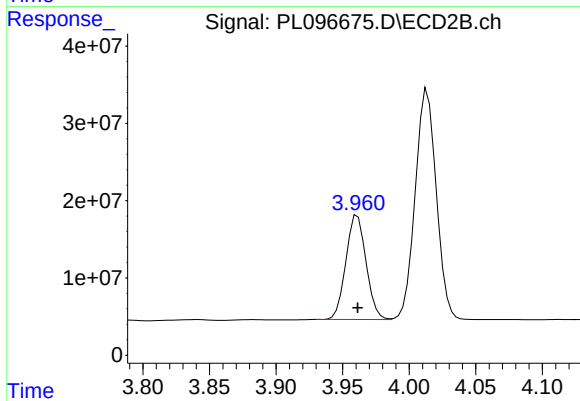
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 313966241
Conc: 50.58 ng/ml



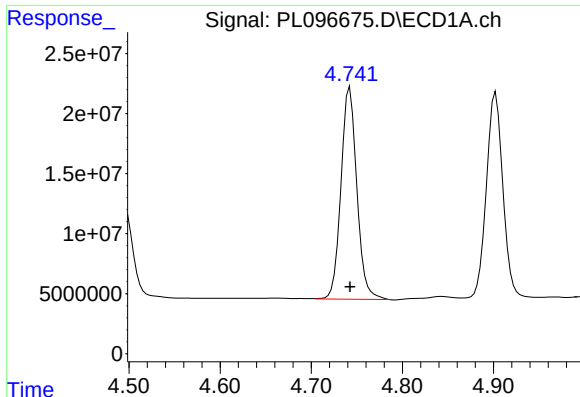
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 94164568
Conc: 52.17 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 142570204
Conc: 50.54 ng/ml



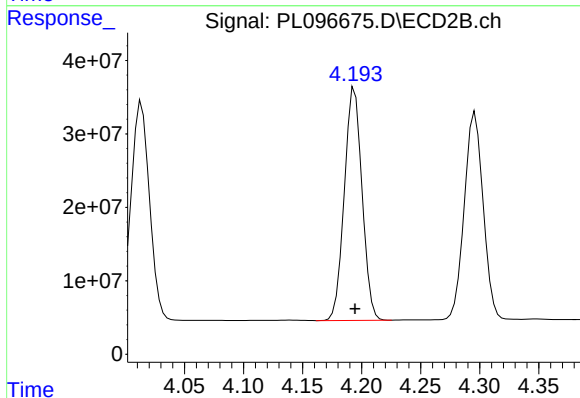
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 213933841
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

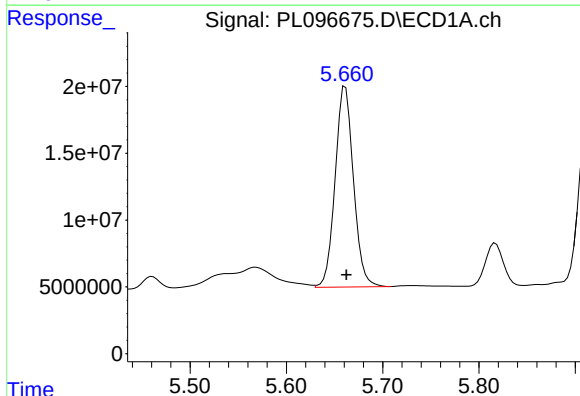
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



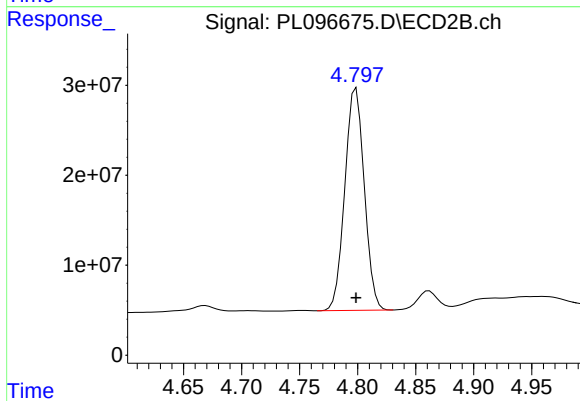
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 331068881
Conc: 51.14 ng/ml



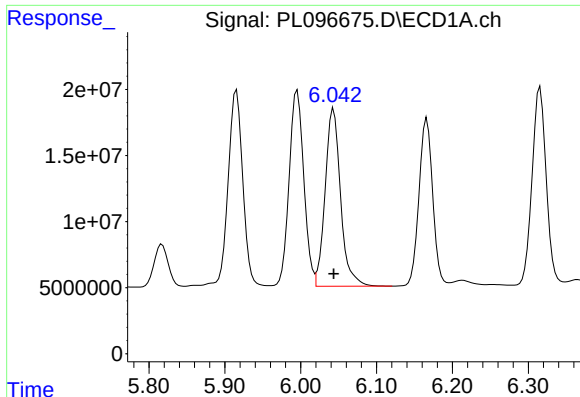
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 198508827
Conc: 51.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 288026211
Conc: 50.43 ng/ml



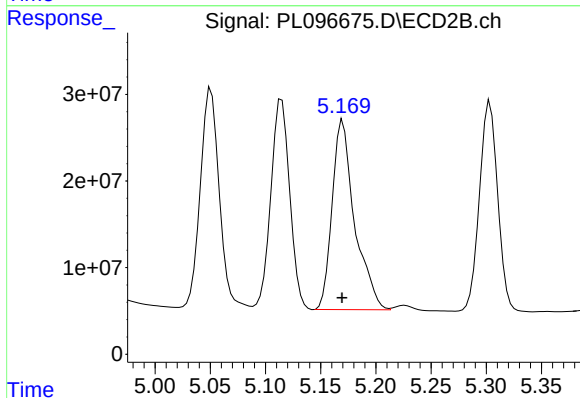
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 190454642
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

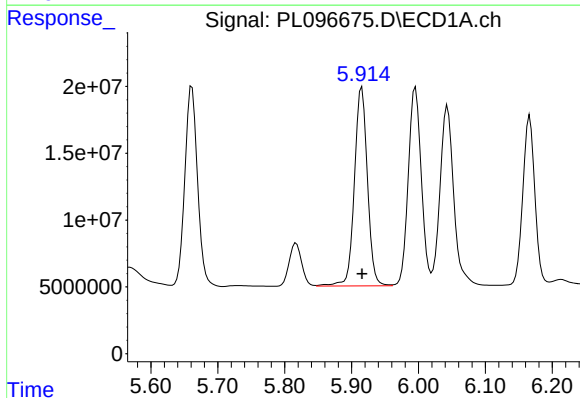
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



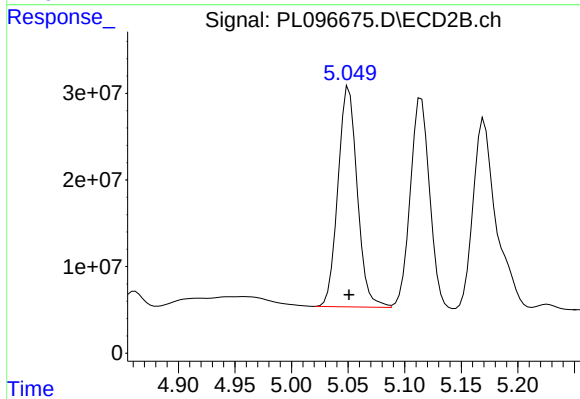
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 310174079
Conc: 56.08 ng/ml



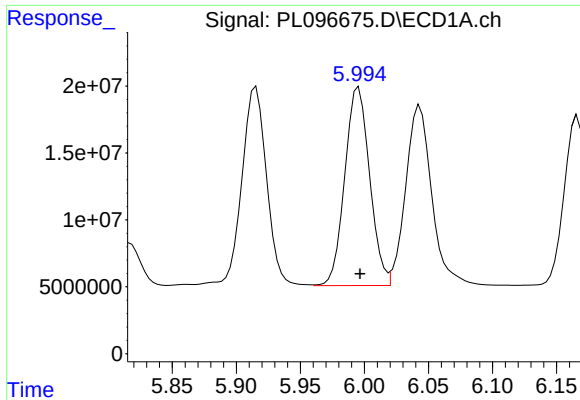
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 201082374
Conc: 52.84 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 302362623
Conc: 51.42 ng/ml



#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 200121879
Conc: 51.92 ng/ml

Instrument :

ECD_L

ClientSampleId :

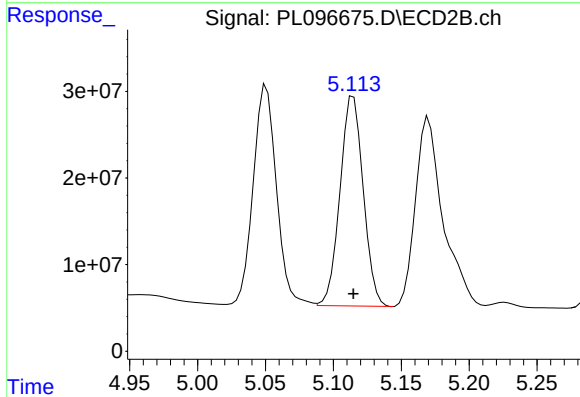
WBR-PBOMSD

Manual Integrations

APPROVED

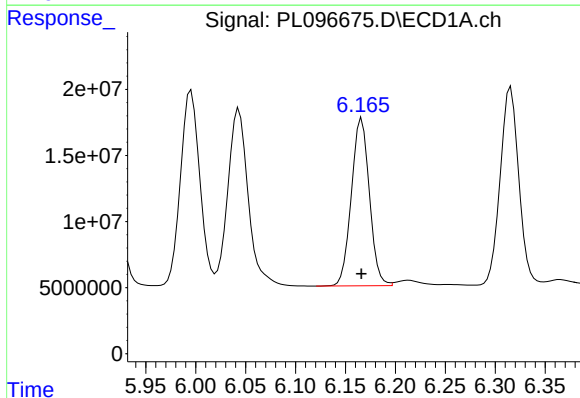
Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025



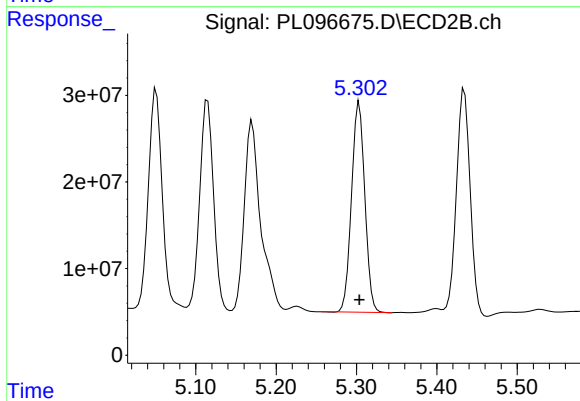
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 288749076
Conc: 48.95 ng/ml



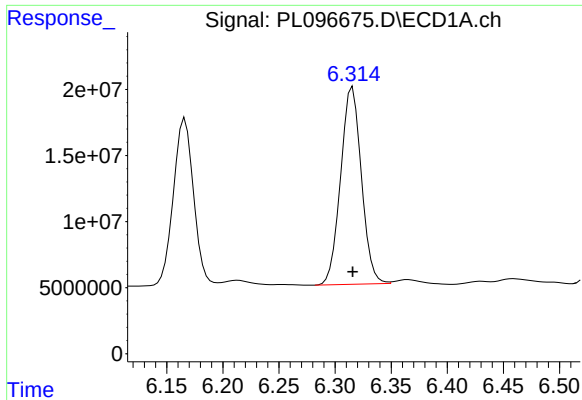
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 159326990
Conc: 49.62 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 278804835
Conc: 50.56 ng/ml



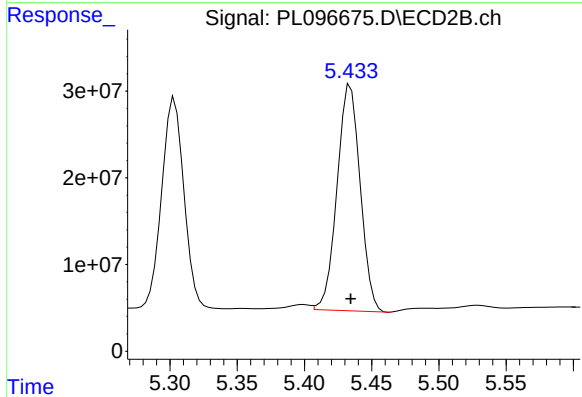
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 192236252
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

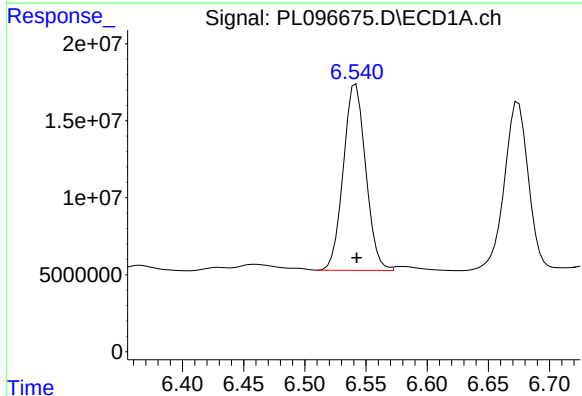
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



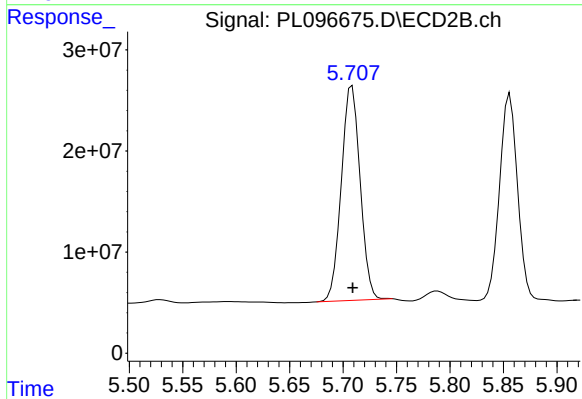
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 310808657
Conc: 52.62 ng/ml



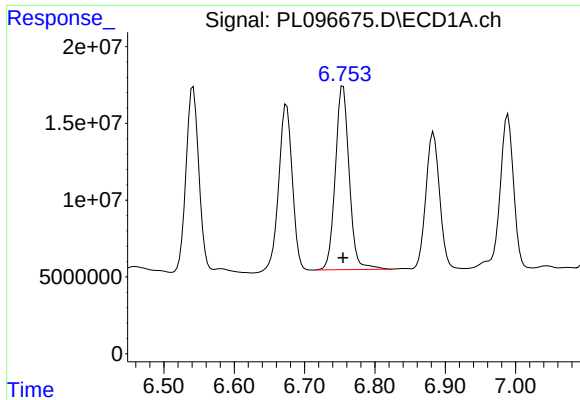
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 153742341
Conc: 50.79 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 260904027
Conc: 48.26 ng/ml



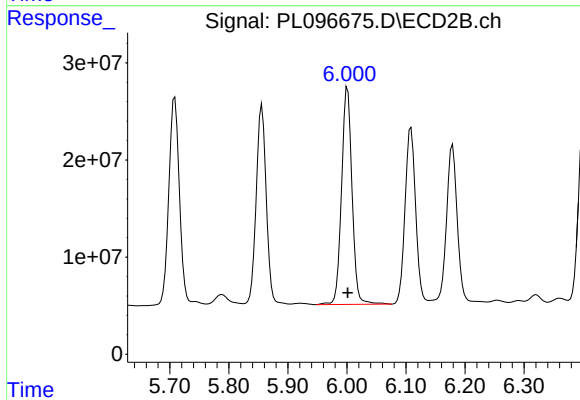
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 164062752
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

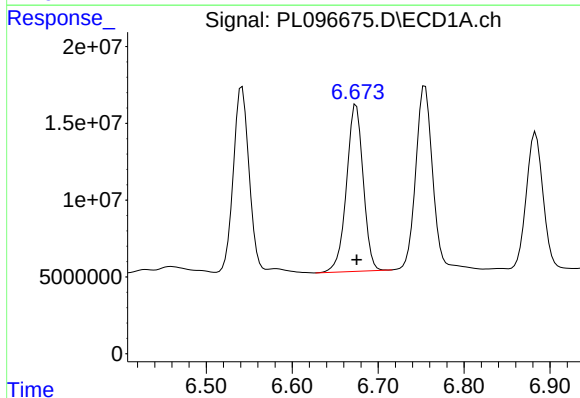
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



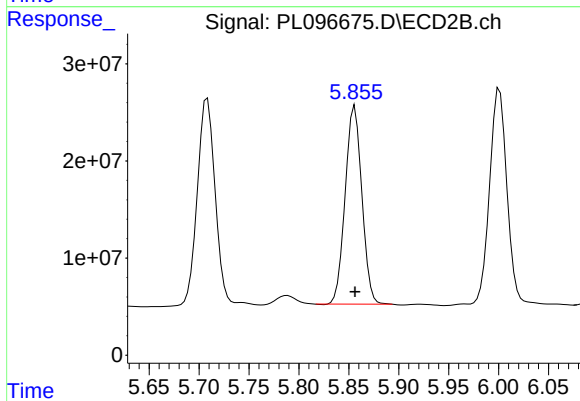
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 276061681
Conc: 53.75 ng/ml



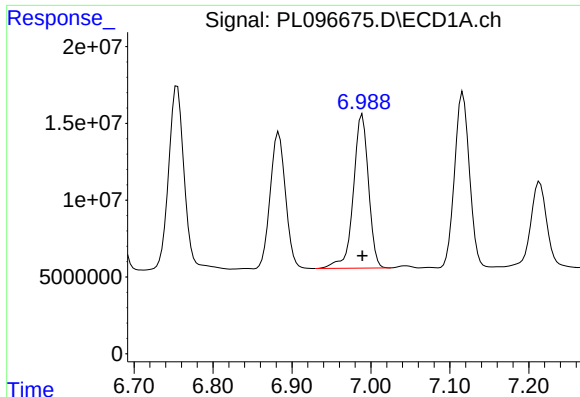
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 146907531
Conc: 58.10 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 237669195
Conc: 50.51 ng/ml



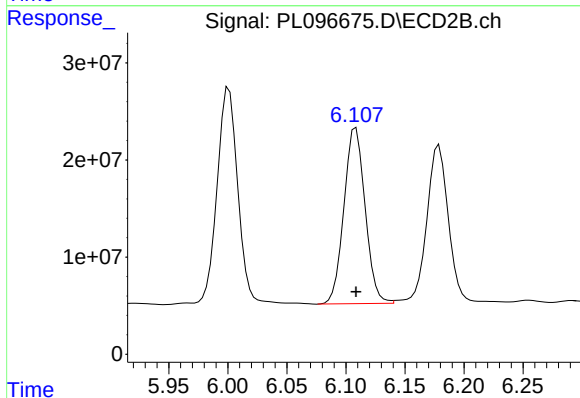
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 133759912
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

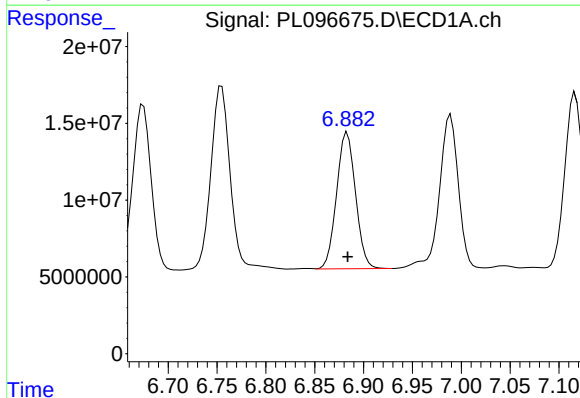
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



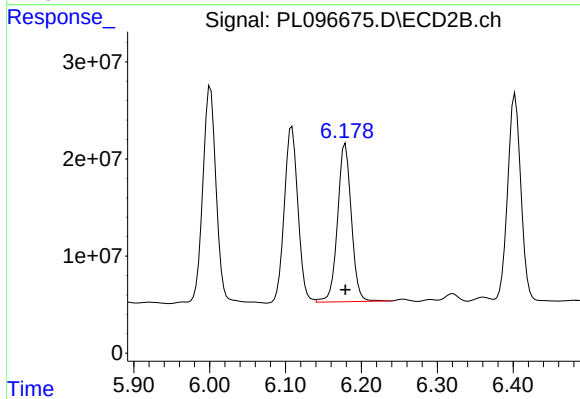
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 226258050
Conc: 44.73 ng/ml



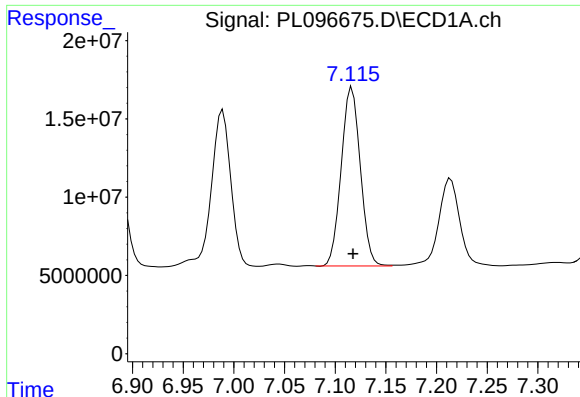
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 120152870
Conc: 55.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 206381592
Conc: 55.97 ng/ml



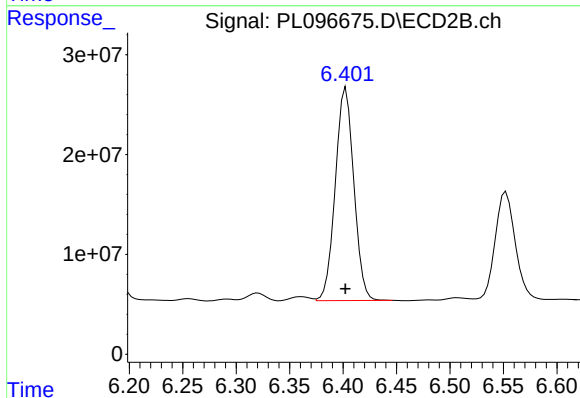
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 149259270
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

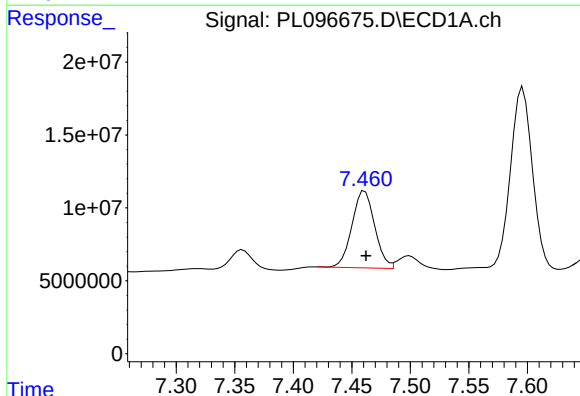
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



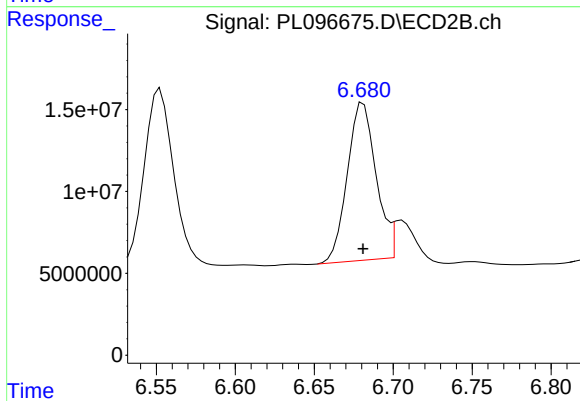
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 257098116
Conc: 50.55 ng/ml



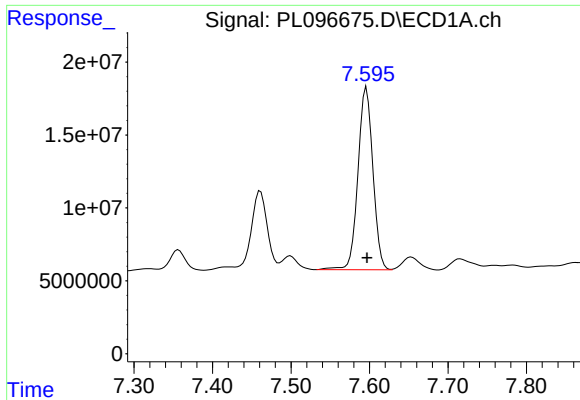
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 71114202
Conc: 48.43 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 122050896
Conc: 44.54 ng/ml



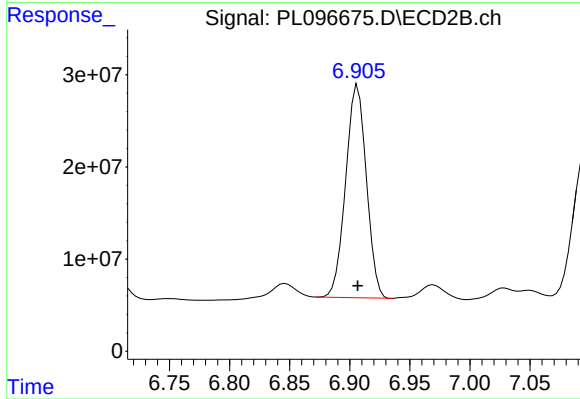
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 165488478
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

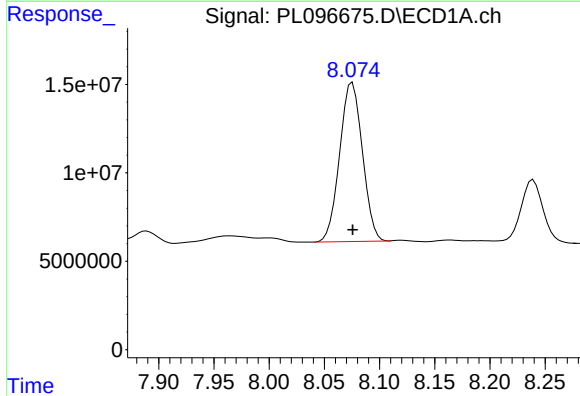
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



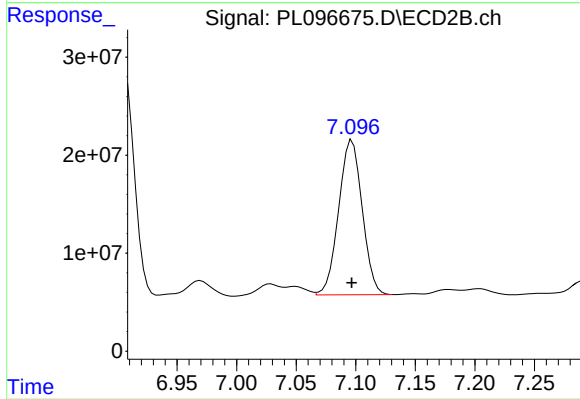
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 277586368
Conc: 49.84 ng/ml



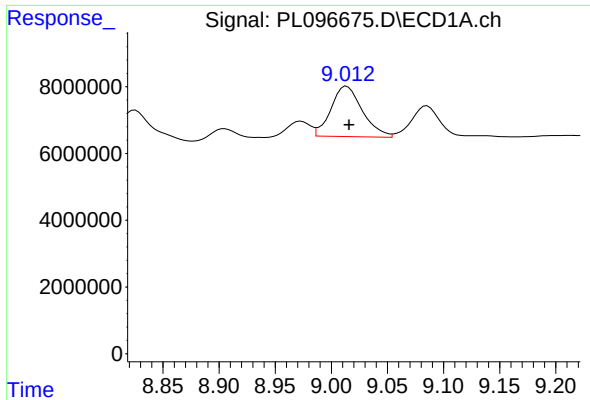
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 128956353
Conc: 52.01 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 217162862
Conc: 49.80 ng/ml m



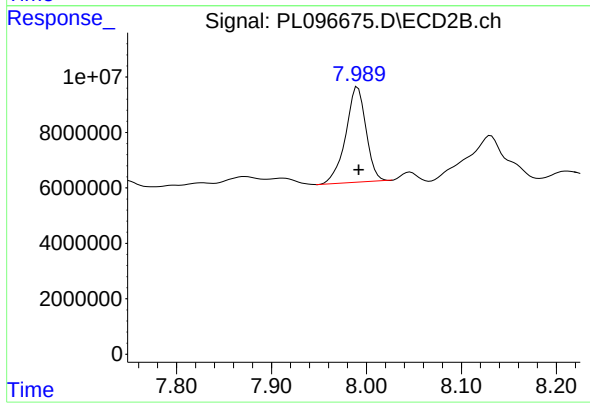
#28 Decachlorobiphenyl

R.T.: 9.012 min
Delta R.T.: -0.003 min
Response: 29170324
Conc: 12.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WBR-PBOMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 51070491
Conc: 11.77 ng/ml m