

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
 Data File : PL096689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 10:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2025
 Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:43:32 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	2.825	171.0E6	265.6E6	53.761	55.586
28)	SA Decachlor...	9.015	7.990	131.6E6	244.4E6	55.167	56.347
Target Compounds							
2)	A alpha-BHC	3.981	3.330	251.3E6	393.3E6	54.328	55.580
3)	MA gamma-BHC...	4.309	3.663	238.5E6	363.5E6	53.914	55.047
4)	MA Heptachlor	4.902	4.011	224.9E6	352.3E6	54.120	52.883
5)	MB Aldrin	5.240	4.294	226.7E6	339.6E6	52.716m	54.708
6)	B beta-BHC	4.496	3.959	98411164	154.6E6	54.522	54.804
7)	B delta-BHC	4.740	4.192	218.7E6	354.5E6	54.826m	54.765
8)	B Heptachlo...	5.661	4.797	205.8E6	308.6E6	53.371	54.032
9)	A Endosulfan I	6.043	5.167	192.1E6	290.0E6	53.402	52.422
10)	B gamma-Chl...	5.916	5.049	208.0E6	324.6E6	54.665	55.209
11)	B alpha-Chl...	5.996	5.113	206.1E6	316.1E6	53.478	53.592
12)	B 4,4'-DDE	6.166	5.302	169.9E6	304.3E6	52.901	55.190
13)	MA Dieldrin	6.315	5.433	200.1E6	323.6E6	53.927	54.786
14)	MA Endrin	6.542	5.707	147.3E6	258.7E6	48.674	47.845
15)	B Endosulfa...	6.753	6.000	166.4E6	278.9E6	51.960m	54.300
16)	A 4,4'-DDD	6.675	5.855	144.4E6	260.2E6	57.131	55.298
17)	MA 4,4'-DDT	6.989	6.107	138.7E6	259.9E6	48.361	51.385
18)	B Endrin al...	6.883	6.178	118.6E6	206.9E6	55.277	56.103
19)	B Endosulfa...	7.117	6.401	154.2E6	277.0E6	53.645	54.456
20)	A Methoxychlor	7.462	6.680	68407863	130.9E6	46.588	47.761
21)	B Endrin ke...	7.596	6.906	170.4E6	314.1E6	56.687	56.396
22)	Mirex	8.076	7.096	133.4E6	235.9E6	53.791	54.088

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
Data File : PL096689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 10:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

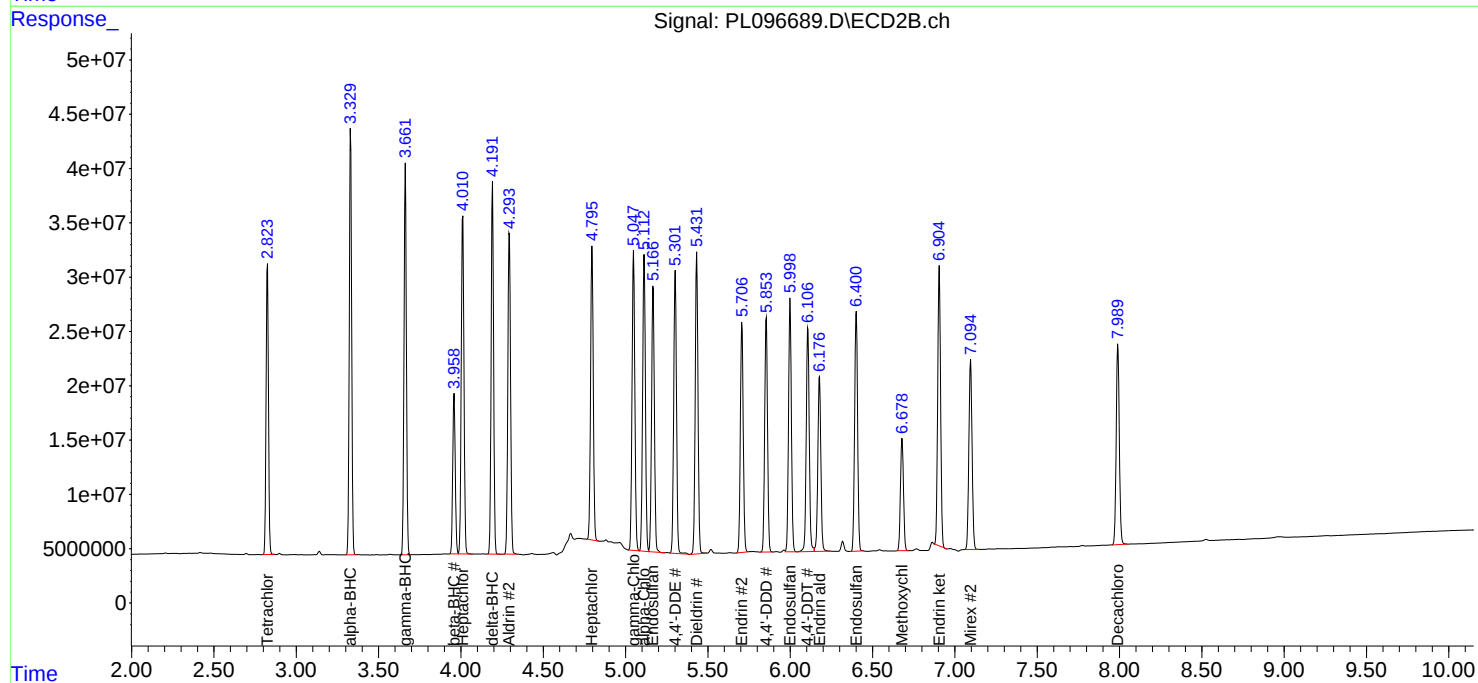
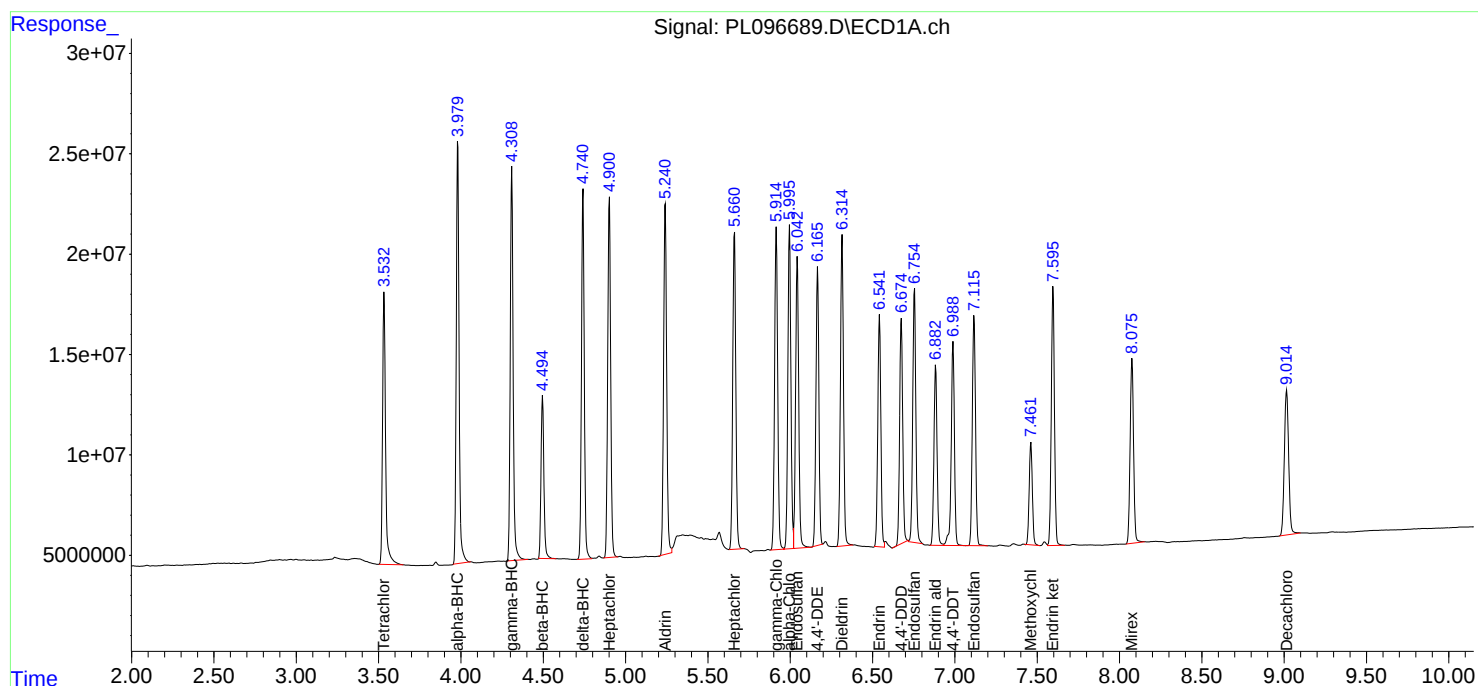
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

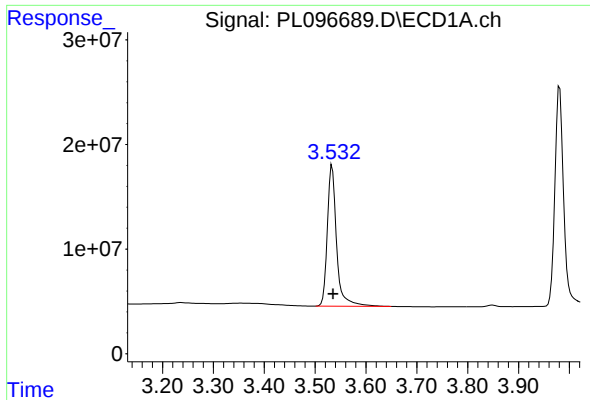
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:43:32 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





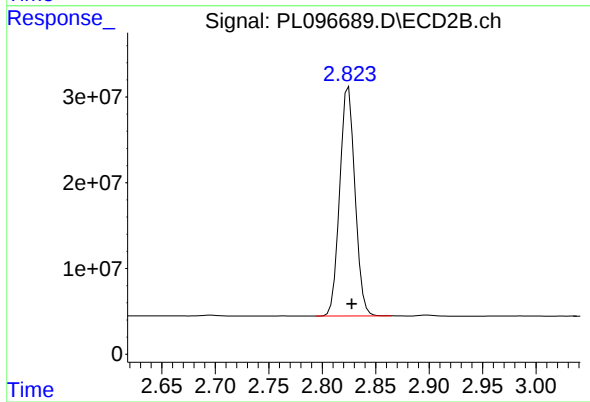
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 171002096
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

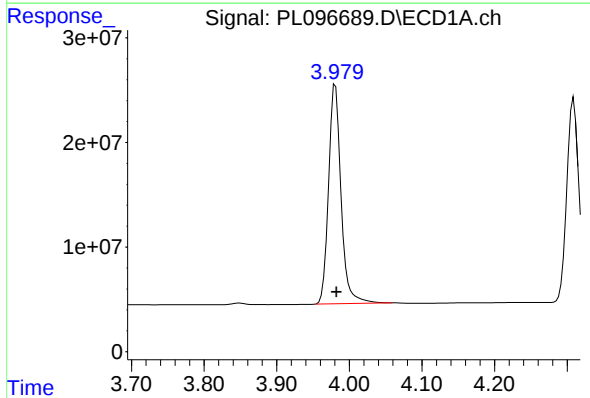
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



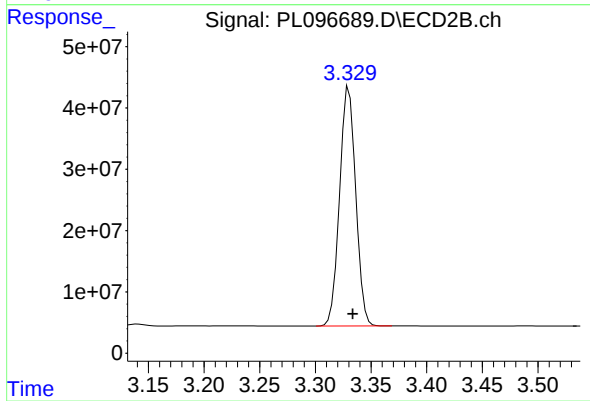
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 265575924
Conc: 55.59 ng/ml



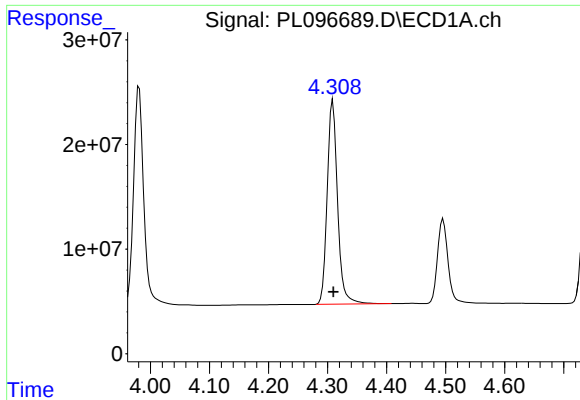
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 251339698
Conc: 54.33 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 393338752
Conc: 55.58 ng/ml



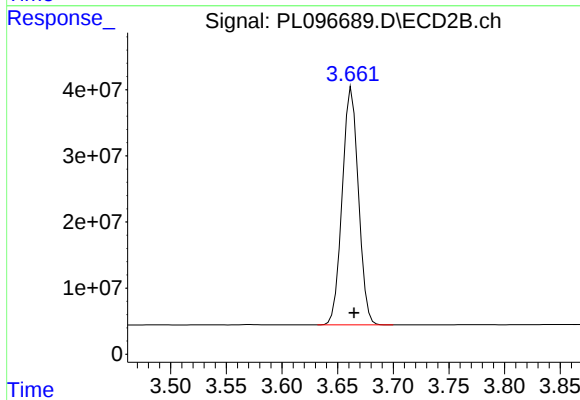
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.001 min
Response: 238483690
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

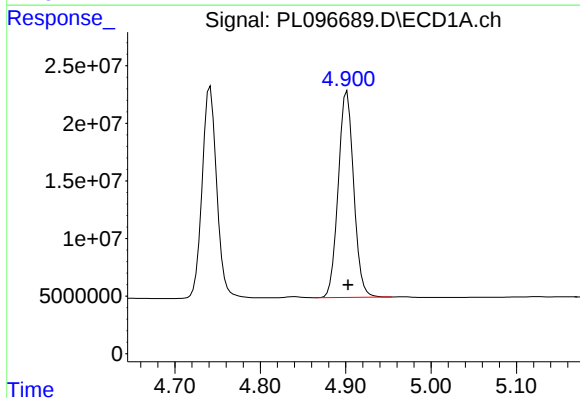
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



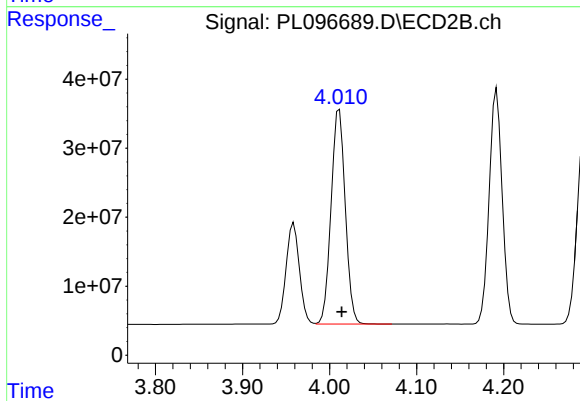
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 363495154
Conc: 55.05 ng/ml



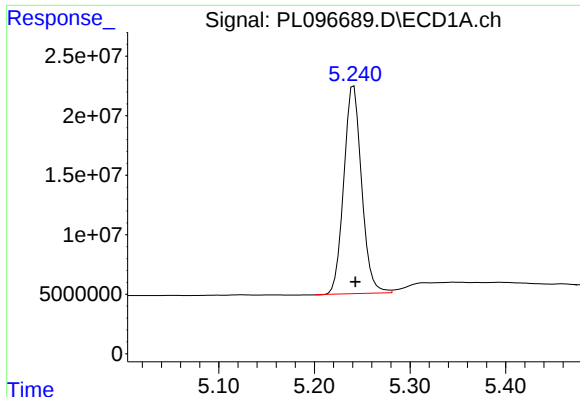
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 224904836
Conc: 54.12 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 352302039
Conc: 52.88 ng/ml



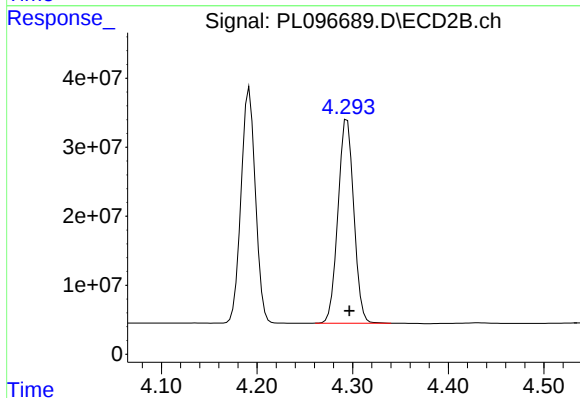
#5 Aldrin

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 226733615
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

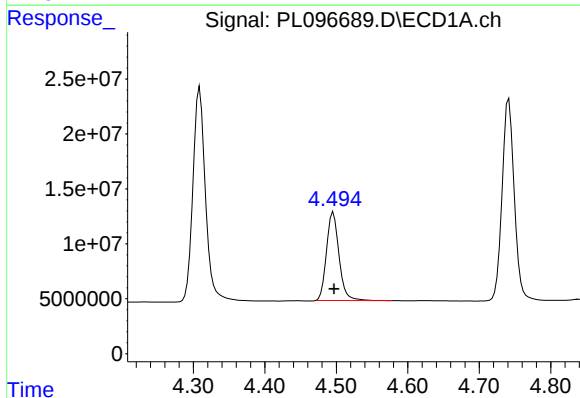
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



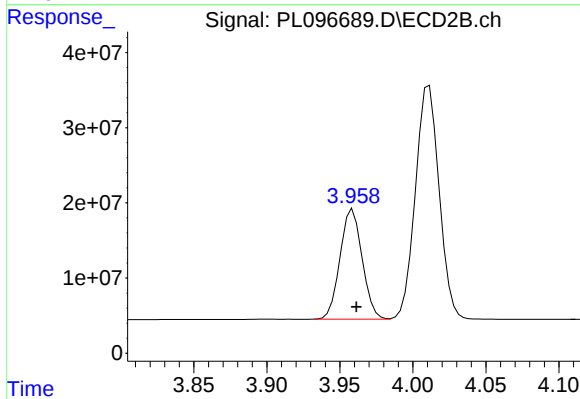
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 339578157
Conc: 54.71 ng/ml



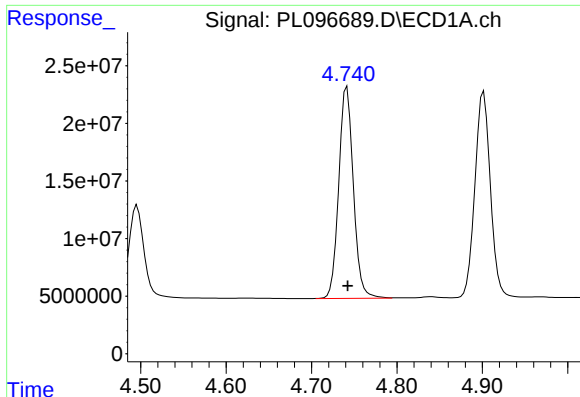
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 98411164
Conc: 54.52 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 154596770
Conc: 54.80 ng/ml



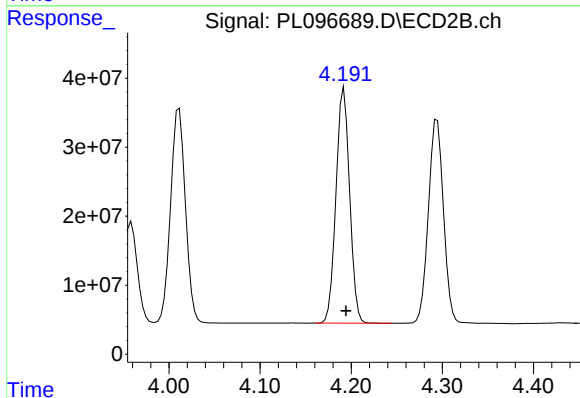
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 218748069
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

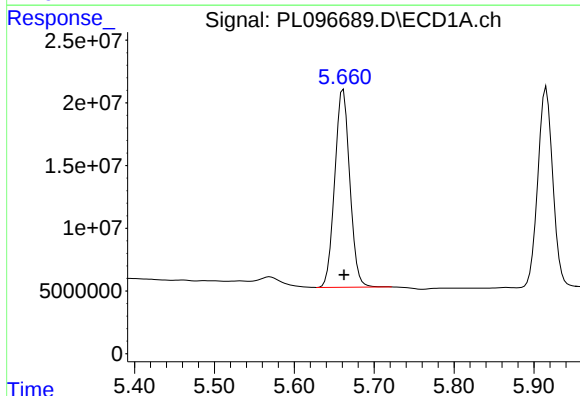
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



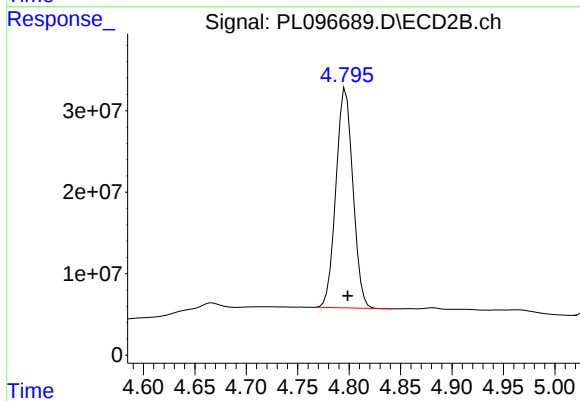
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 354526855
Conc: 54.76 ng/ml



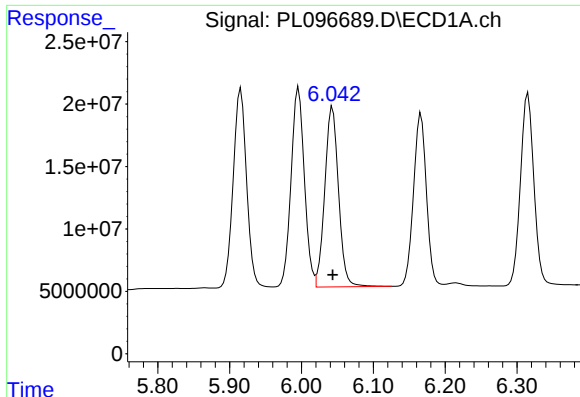
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 205828347
Conc: 53.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 308593256
Conc: 54.03 ng/ml



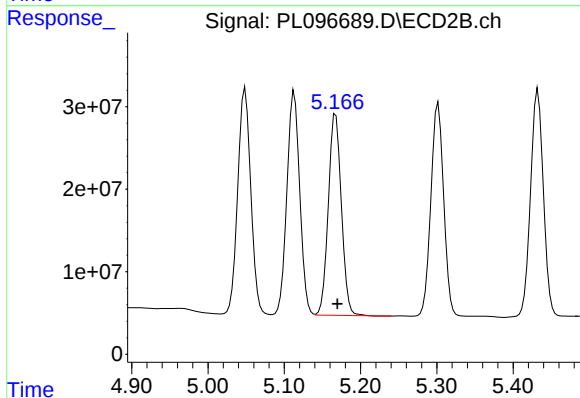
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 192053037
Conc: 53.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

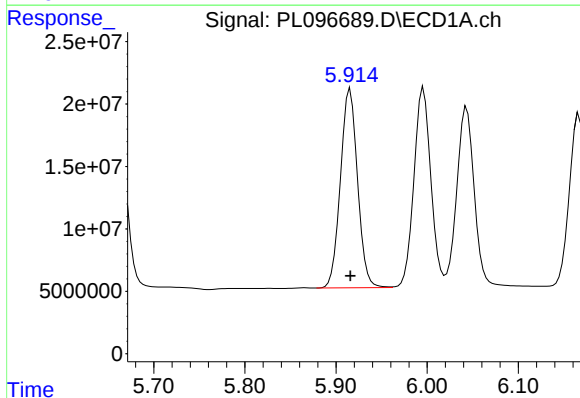
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



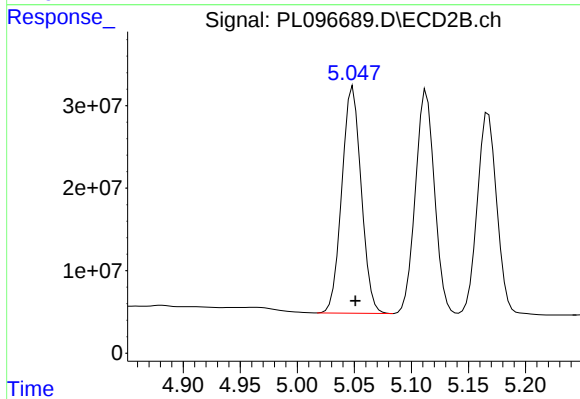
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 289964819
Conc: 52.42 ng/ml



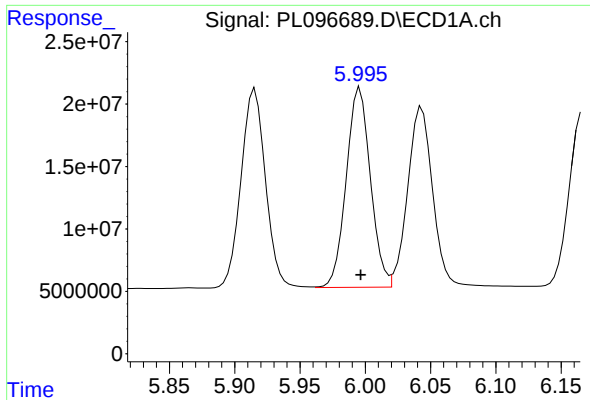
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 208013165
Conc: 54.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 324637632
Conc: 55.21 ng/ml



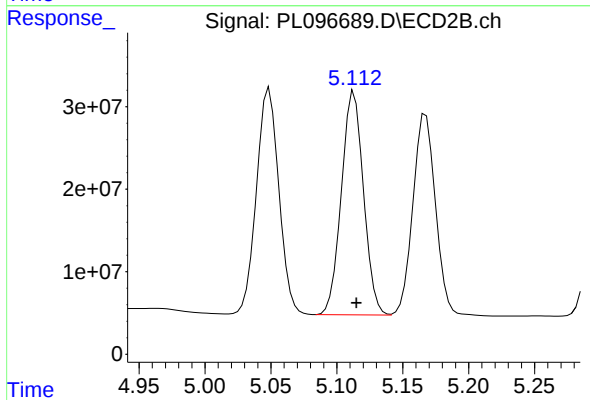
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 206139760
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

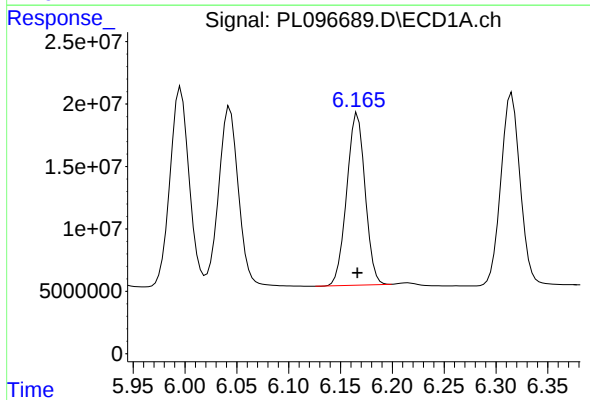
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



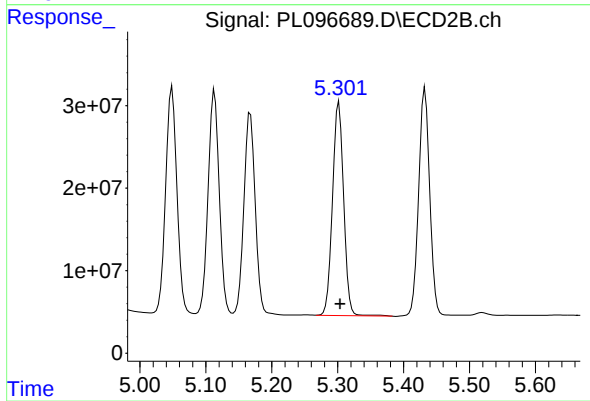
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 316134660
Conc: 53.59 ng/ml



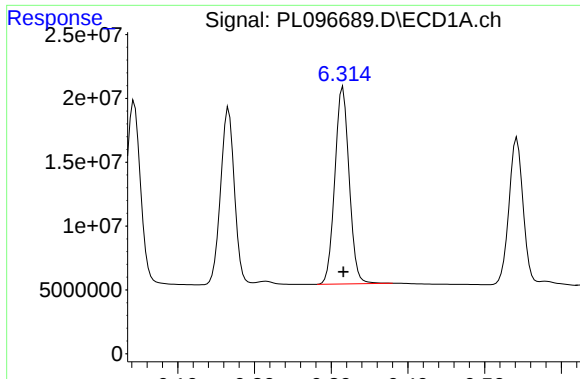
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 169876818
Conc: 52.90 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 304342540
Conc: 55.19 ng/ml



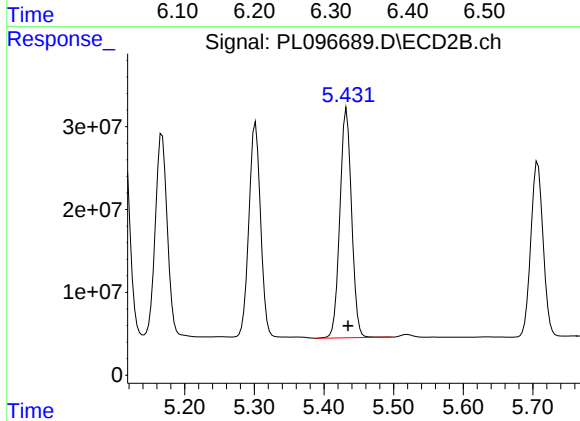
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 200131763
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

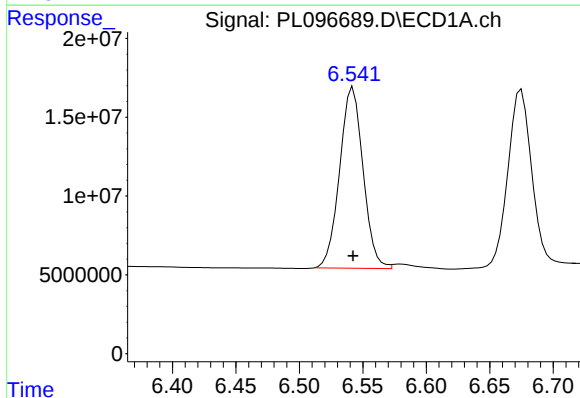
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



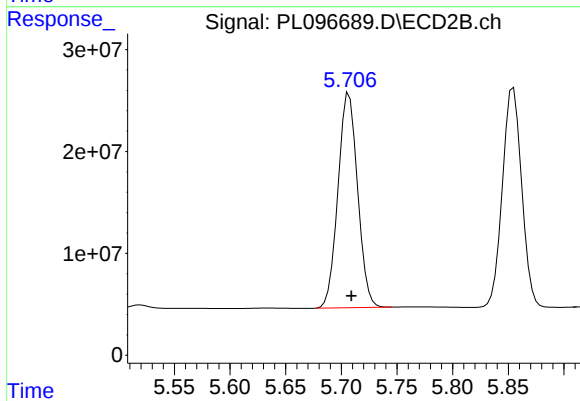
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 323598526
Conc: 54.79 ng/ml



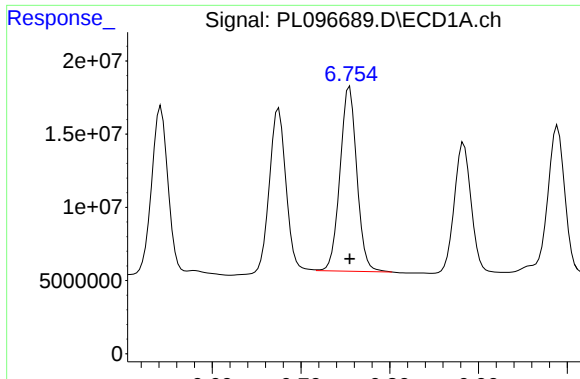
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 147326484
Conc: 48.67 ng/ml



#14 Endrin

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 258650304
Conc: 47.85 ng/ml



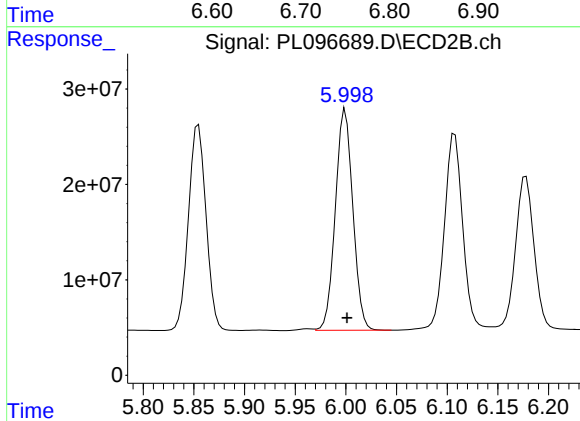
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 166410013
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

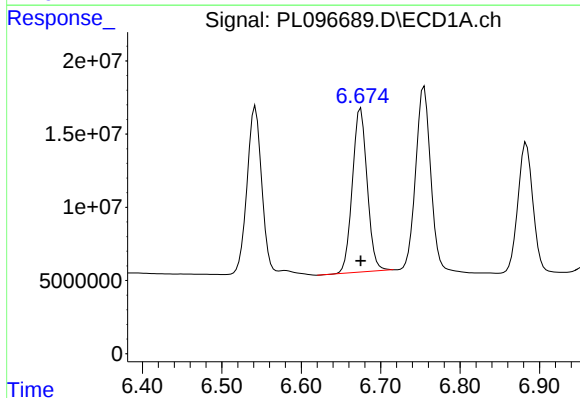
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



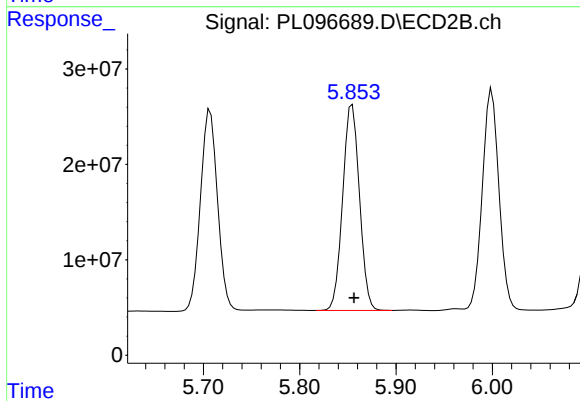
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 278899190
Conc: 54.30 ng/ml



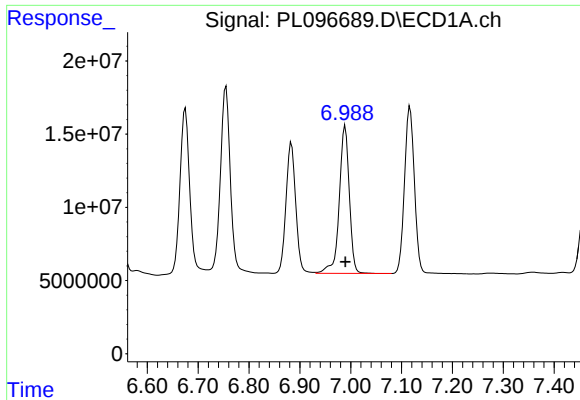
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 144448438
Conc: 57.13 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 260192538
Conc: 55.30 ng/ml



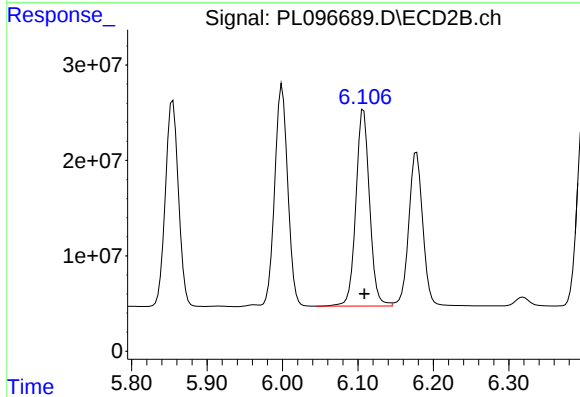
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 138684568
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

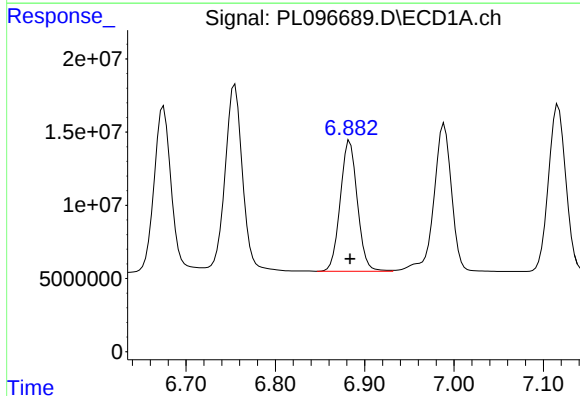
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



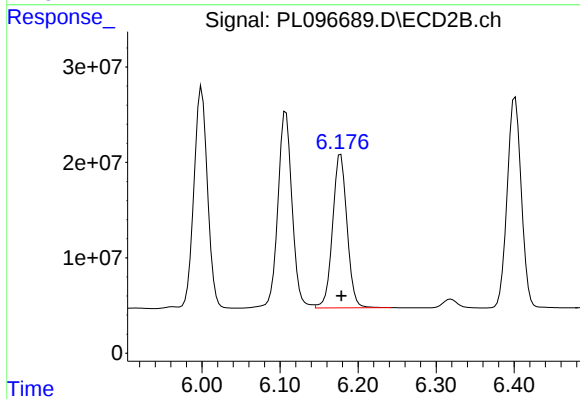
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 259919443
Conc: 51.38 ng/ml



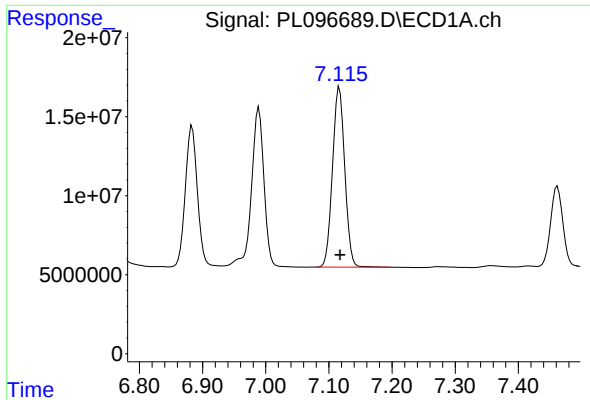
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 118620702
Conc: 55.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 206850259
Conc: 56.10 ng/ml



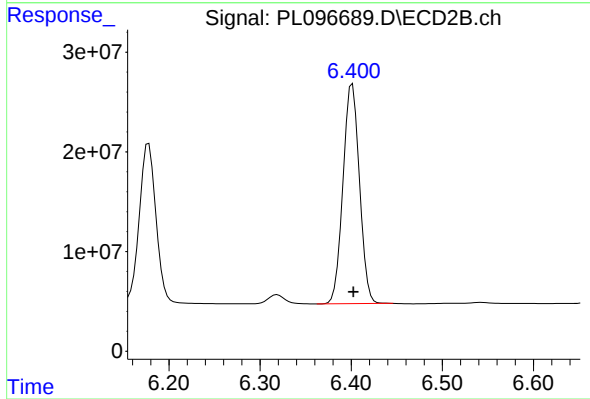
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 154159853
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

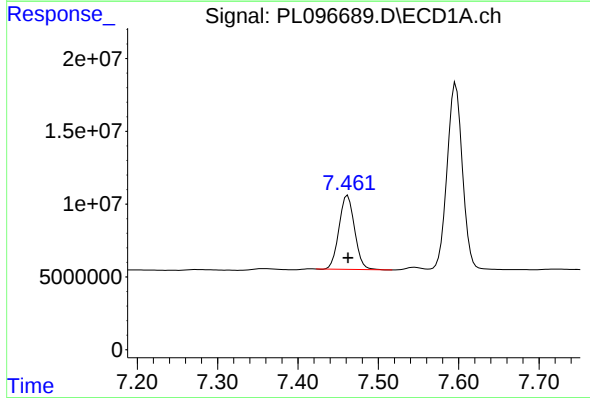
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



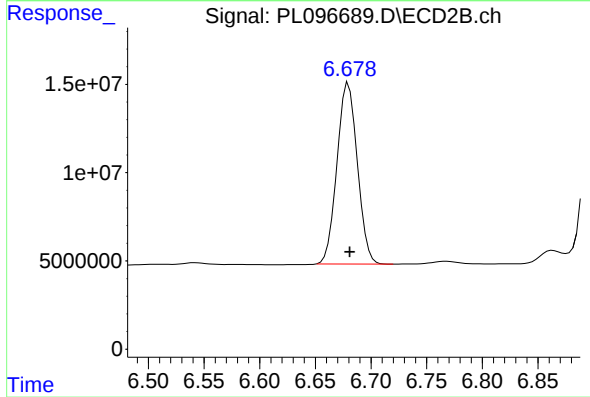
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 276974882
Conc: 54.46 ng/ml



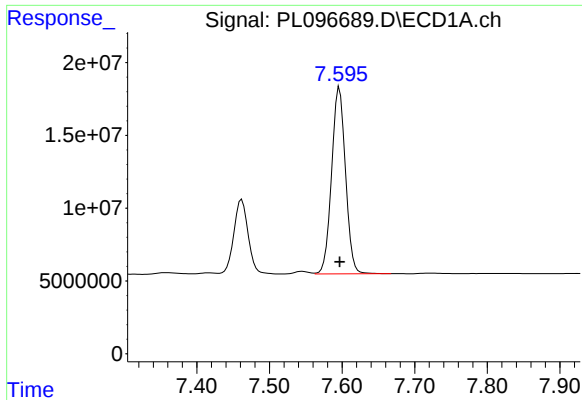
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 68407863
Conc: 46.59 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 130889973
Conc: 47.76 ng/ml



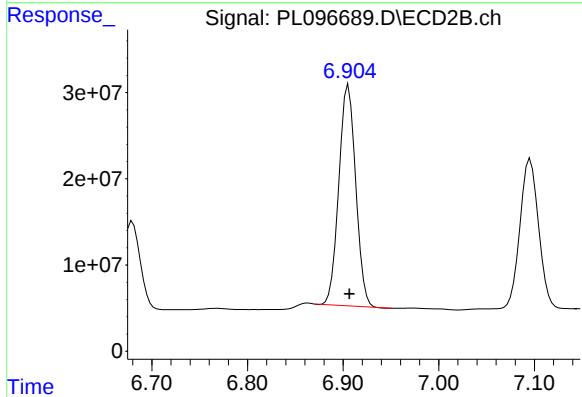
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 170442668
Conc: 56.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

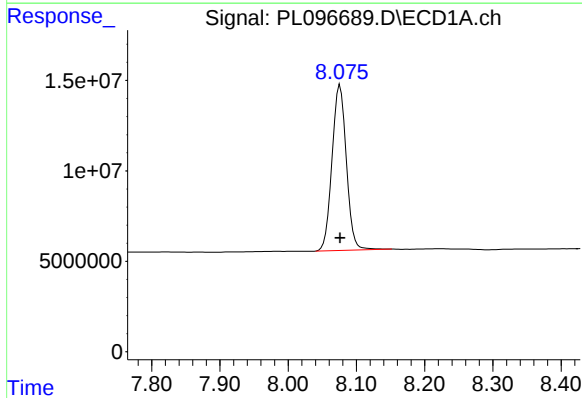
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



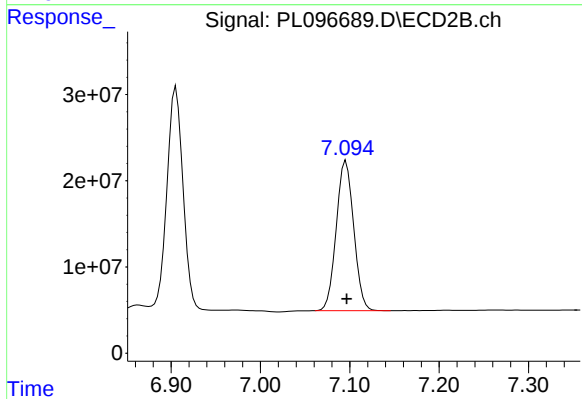
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 314108977
Conc: 56.40 ng/ml



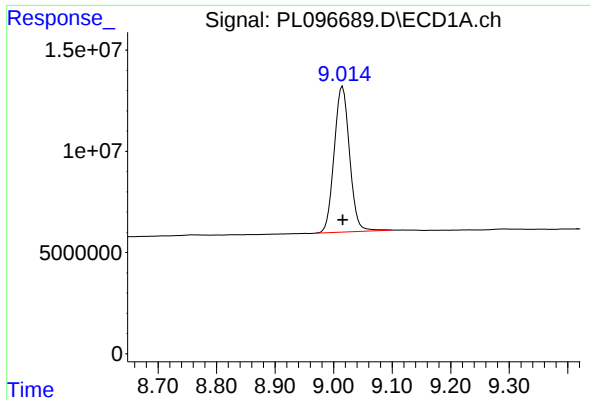
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 133366031
Conc: 53.79 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 235869786
Conc: 54.09 ng/ml



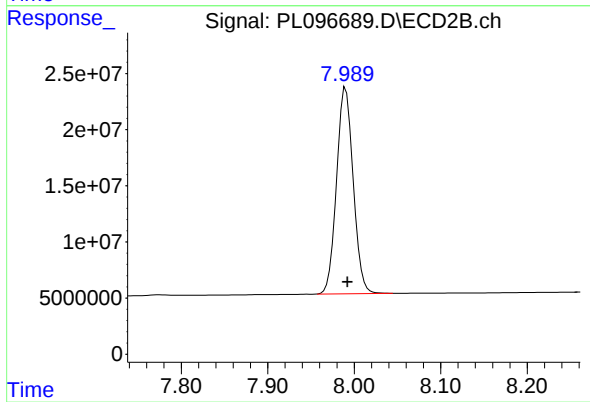
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: 0.000 min
Response: 131554170
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.002 min
Response: 244449232
Conc: 56.35 ng/ml