

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080125\
 Data File : PL096685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 13:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/04/2025
 Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:14:15 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	2.826	166.5E6	250.3E6	52.334	52.390
28)	SA Decachlor...	9.013	7.989	132.2E6	237.0E6	55.430	54.631
Target Compounds							
2)	A alpha-BHC	3.980	3.331	244.0E6	373.1E6	52.731	52.725
3)	MA gamma-BHC...	4.308	3.663	230.3E6	345.1E6	52.055	52.265
4)	MA Heptachlor	4.900	4.012	217.0E6	334.1E6	52.209	50.145
5)	MB Aldrin	5.240	4.294	225.7E6	324.9E6	52.465	52.345
6)	B beta-BHC	4.495	3.959	94785236	146.6E6	52.514	51.957
7)	B delta-BHC	4.739	4.192	214.1E6	338.4E6	53.670m	52.272
8)	B Heptachlo...	5.660	4.797	206.2E6	299.7E6	53.475	52.470
9)	A Endosulfan I	6.041	5.167	188.7E6	280.5E6	52.478	50.716
10)	B gamma-Chl...	5.913	5.048	205.7E6	310.7E6	54.048	52.847
11)	B alpha-Chl...	5.993	5.112	203.7E6	302.6E6	52.857	51.293
12)	B 4,4'-DDE	6.163	5.301	171.1E6	288.2E6	53.284	52.257
13)	MA Dieldrin	6.313	5.432	199.4E6	309.4E6	53.741	52.378
14)	MA Endrin	6.540	5.706	136.4E6	239.7E6	45.073	44.341
15)	B Endosulfa...	6.753	5.998	170.2E6	271.1E6	53.140	52.782
16)	A 4,4'-DDD	6.672	5.854	145.6E6	258.0E6	57.593	54.831
17)	MA 4,4'-DDT	6.987	6.106	135.4E6	225.6E6	47.208	44.604
18)	B Endrin al...	6.882	6.176	122.6E6	203.8E6	57.117	55.210
19)	B Endosulfa...	7.115	6.400	156.9E6	272.4E6	54.614	53.549
20)	A Methoxychlor	7.460	6.679	66043055	122.6E6	44.978	44.729
21)	B Endrin ke...	7.594	6.904	175.1E6	313.9E6	58.248	56.355
22)	Mirex	8.074	7.094	136.7E6	228.1E6	55.119	52.299

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080125\
Data File : PL096685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

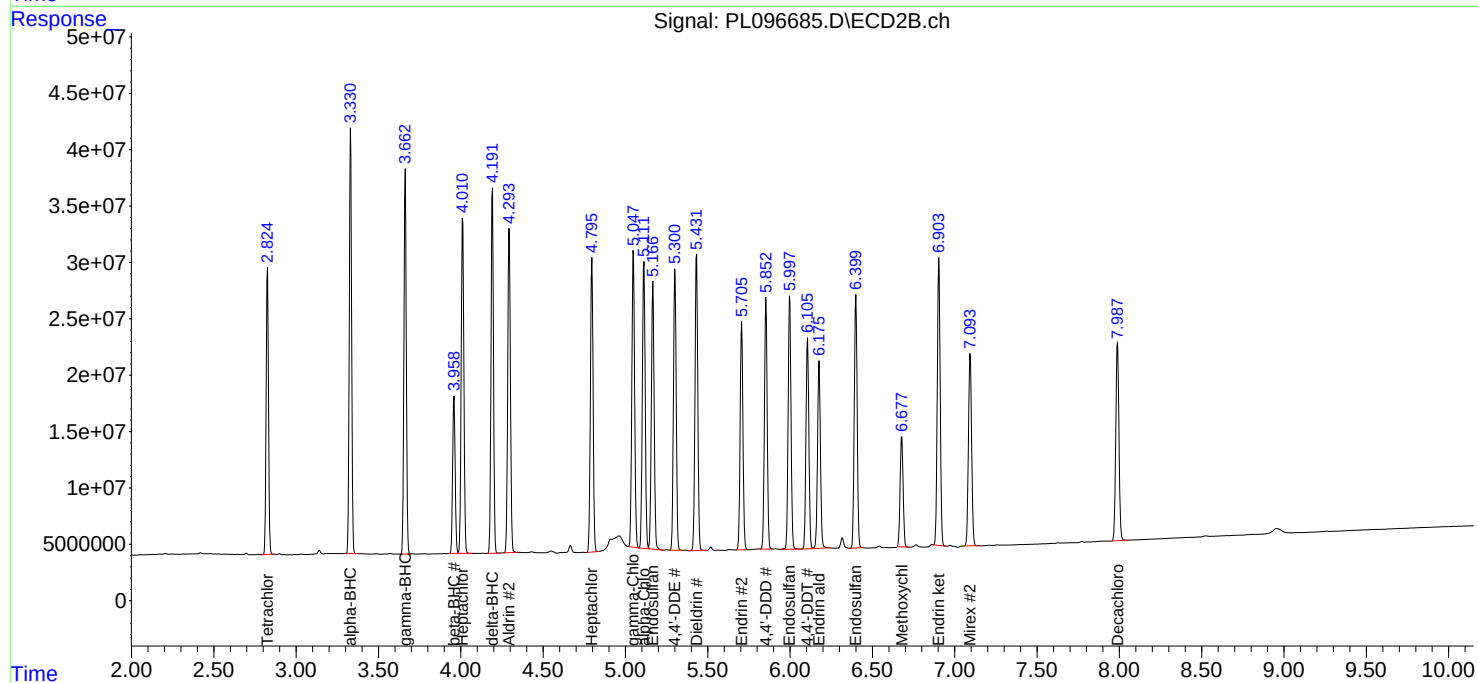
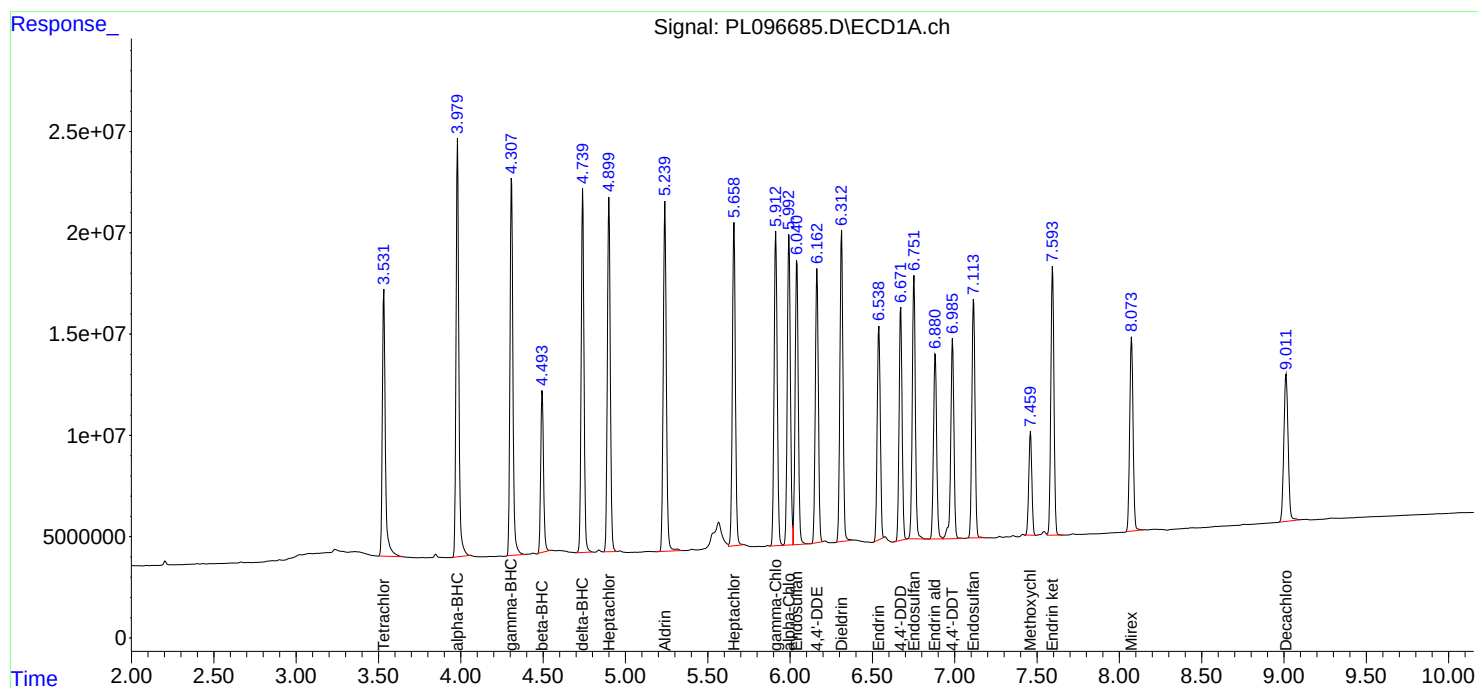
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

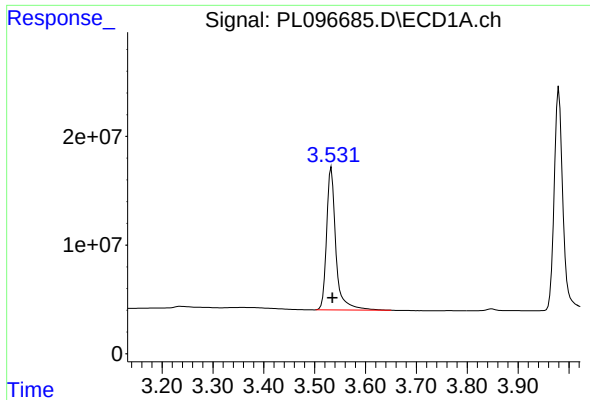
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:14:15 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





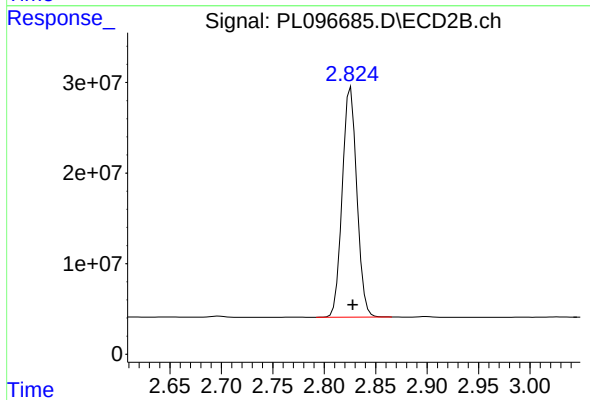
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 166463164
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

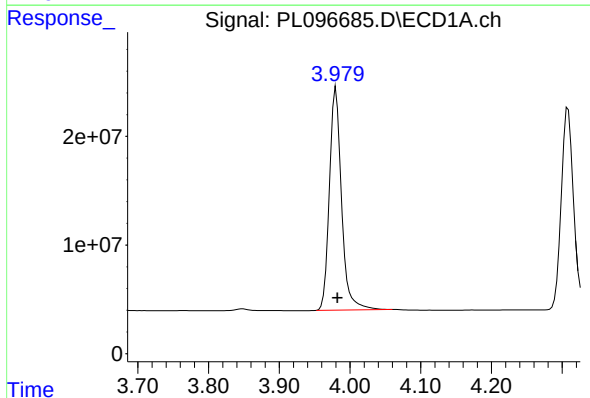
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



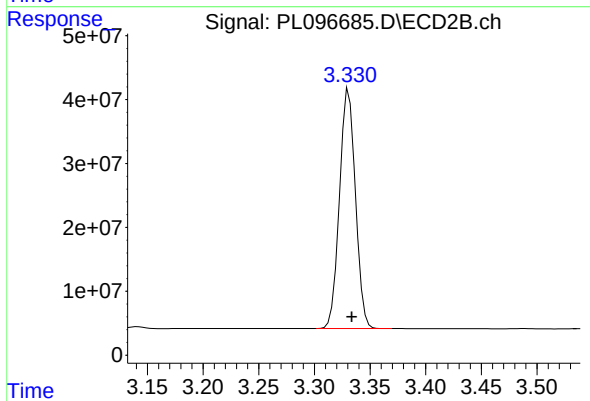
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 250305859
Conc: 52.39 ng/ml



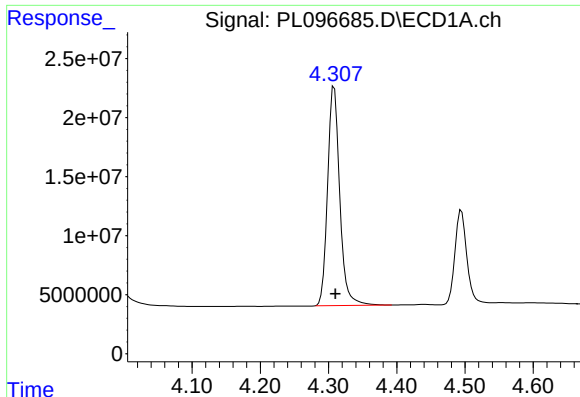
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 243953911
Conc: 52.73 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 373137384
Conc: 52.73 ng/ml



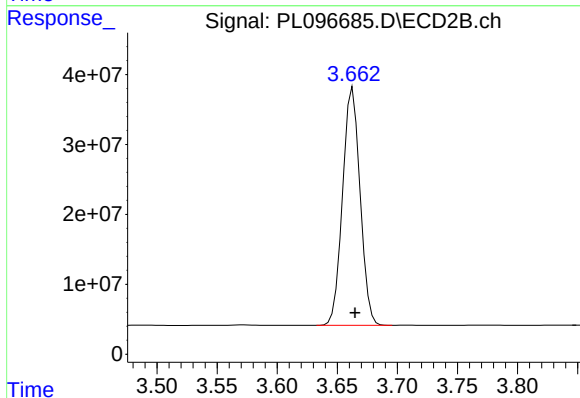
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.002 min
Response: 230262145
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

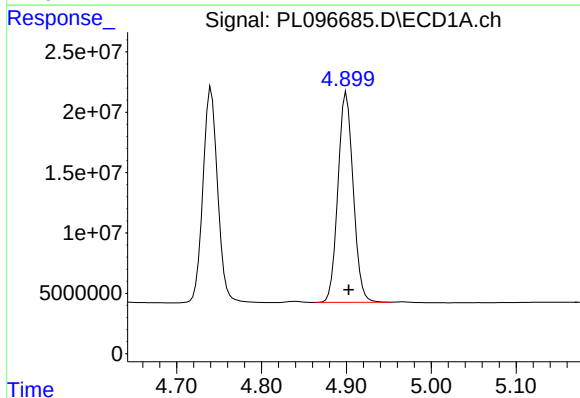
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



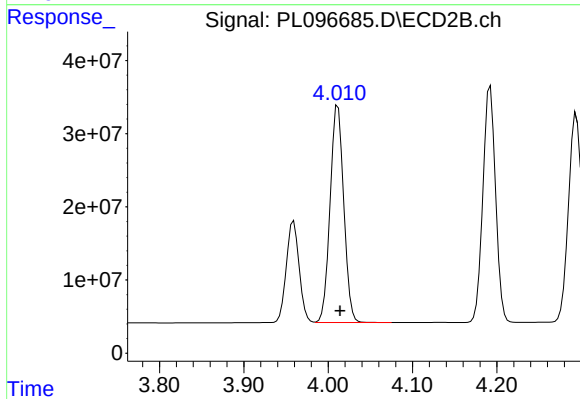
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 345126272
Conc: 52.27 ng/ml



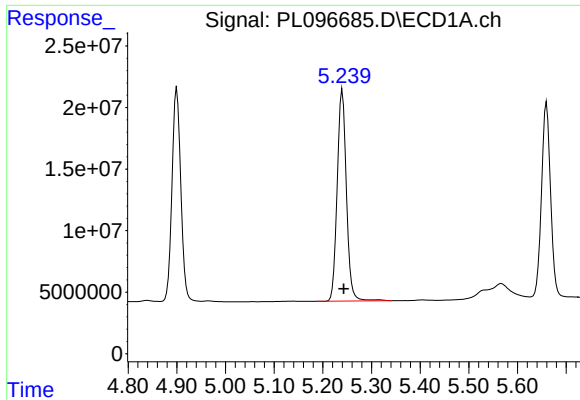
#4 Heptachlor

R.T.: 4.900 min
Delta R.T.: -0.003 min
Response: 216962585
Conc: 52.21 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 334061840
Conc: 50.14 ng/ml



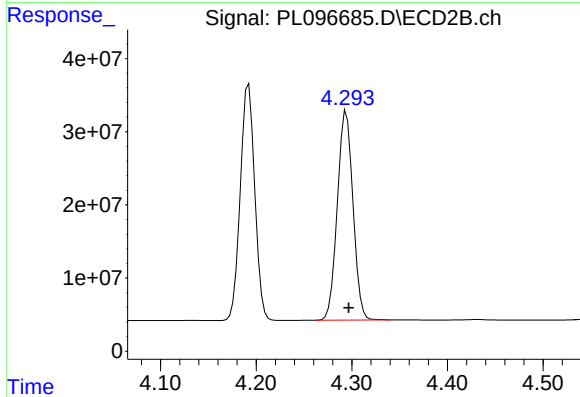
#5 Aldrin

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 225651578
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

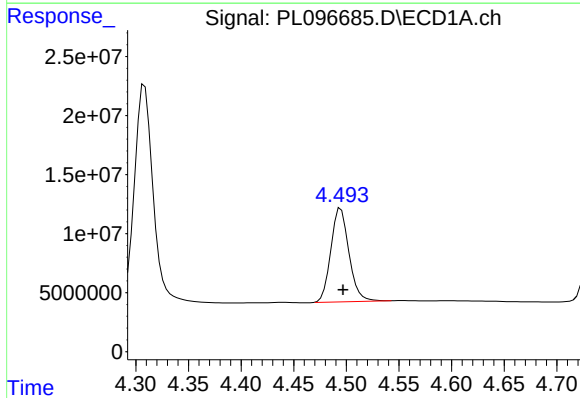
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



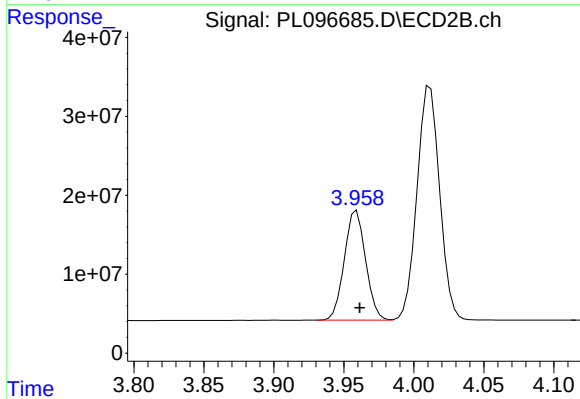
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 324907987
Conc: 52.34 ng/ml



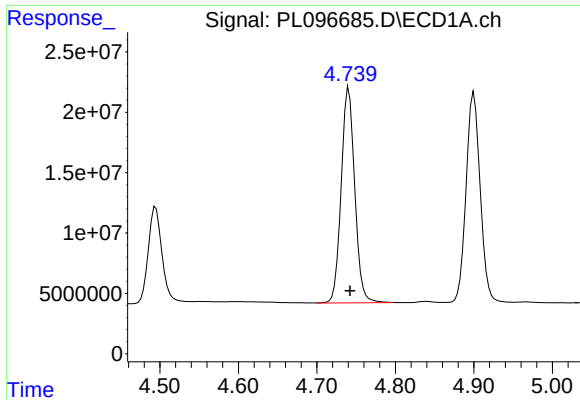
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 94785236
Conc: 52.51 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 146566058
Conc: 51.96 ng/ml



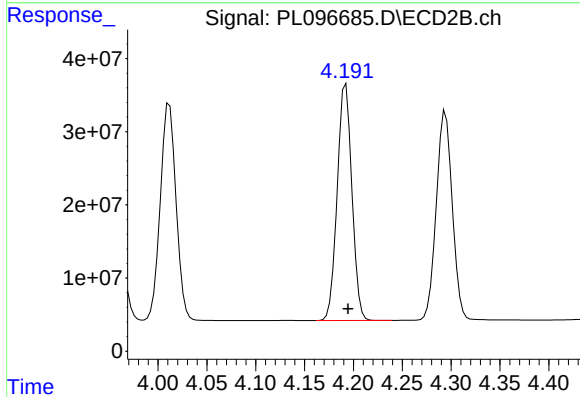
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 214137045
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

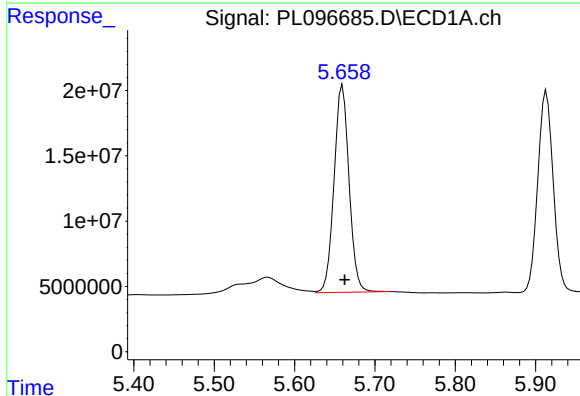
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



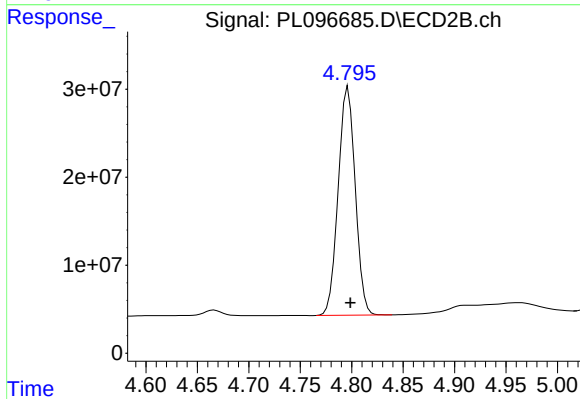
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 338387972
Conc: 52.27 ng/ml



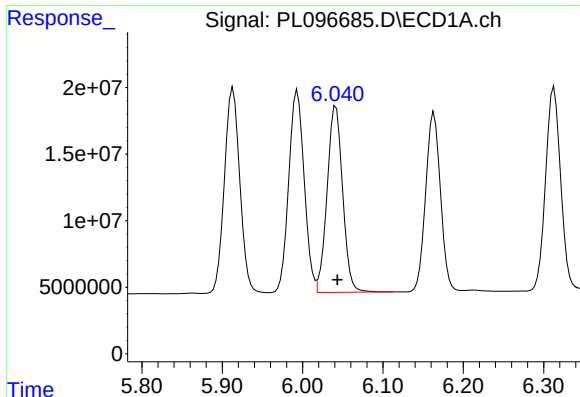
#8 Heptachlor epoxide

R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 206228816
Conc: 53.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 299673405
Conc: 52.47 ng/ml



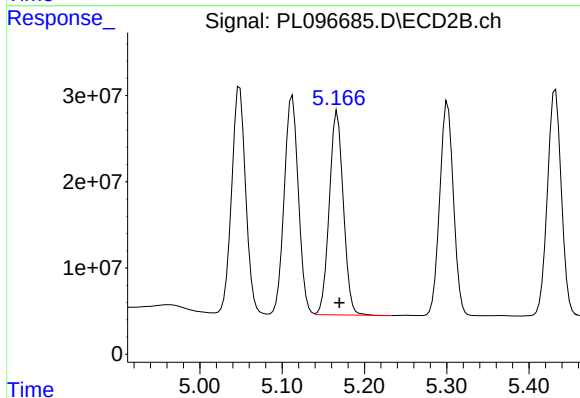
#9 Endosulfan I

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 188730595
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

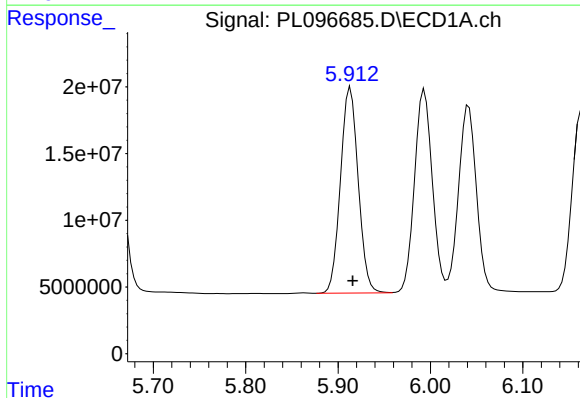
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



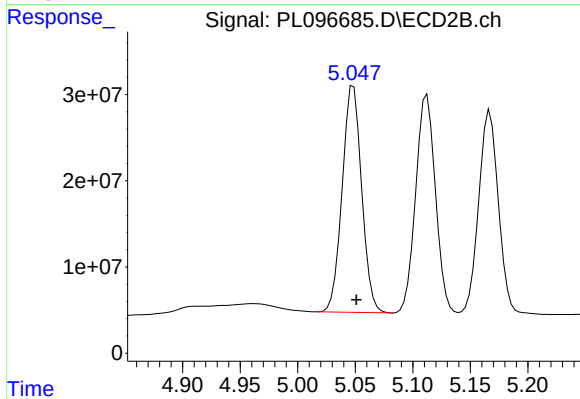
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 280533678
Conc: 50.72 ng/ml



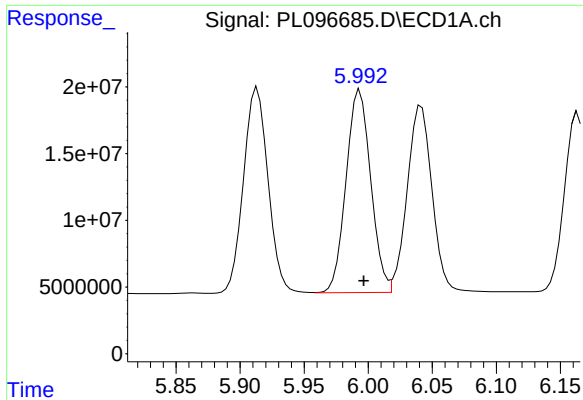
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 205663952
Conc: 54.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.002 min
Response: 310745141
Conc: 52.85 ng/ml



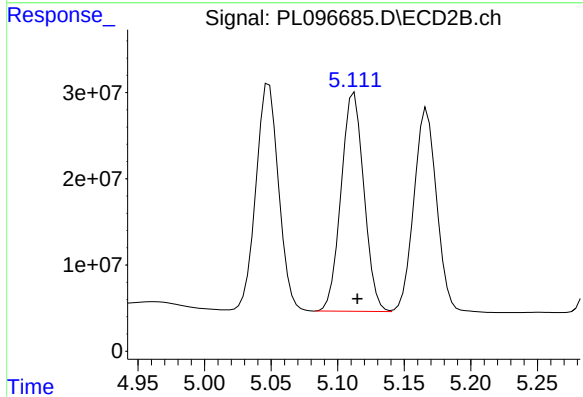
#11 alpha-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 203745286
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

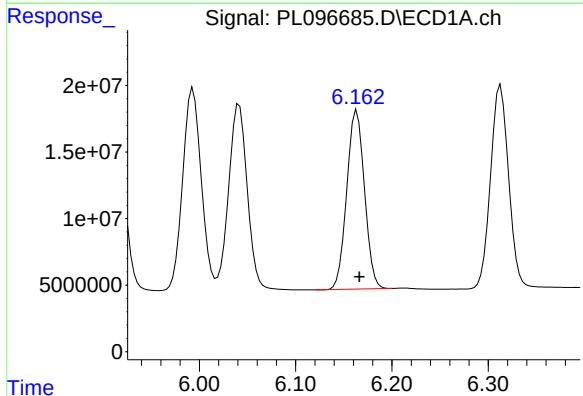
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



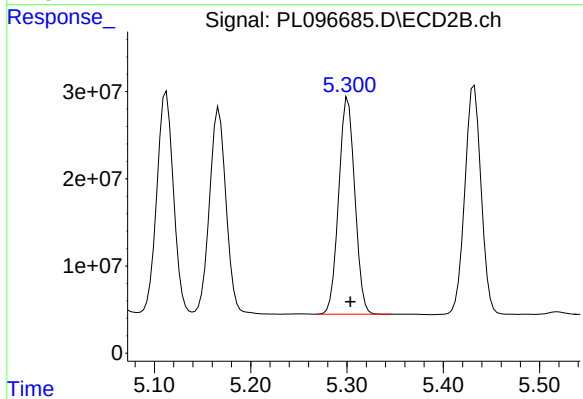
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 302573927
Conc: 51.29 ng/ml



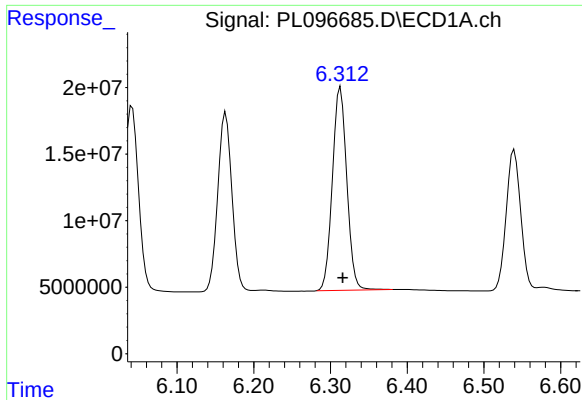
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 171107322
Conc: 53.28 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 288164988
Conc: 52.26 ng/ml



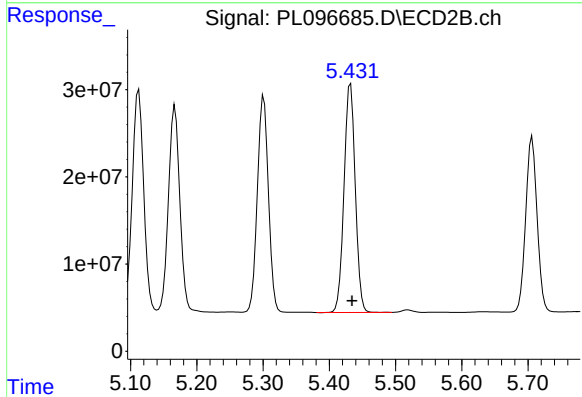
#13 Dieldrin

R.T.: 6.313 min
Delta R.T.: -0.003 min
Response: 199440257
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

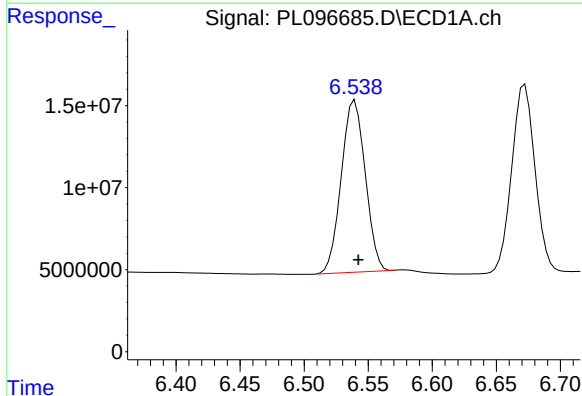
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



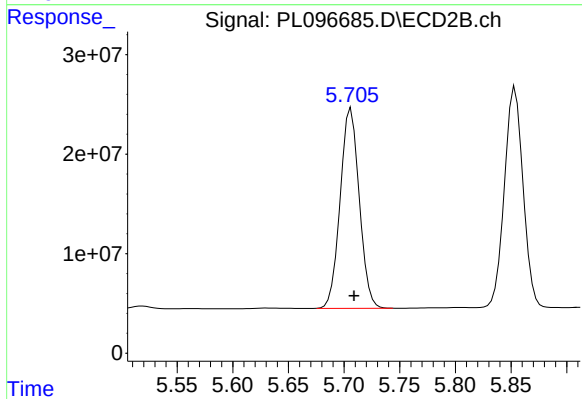
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 309374305
Conc: 52.38 ng/ml



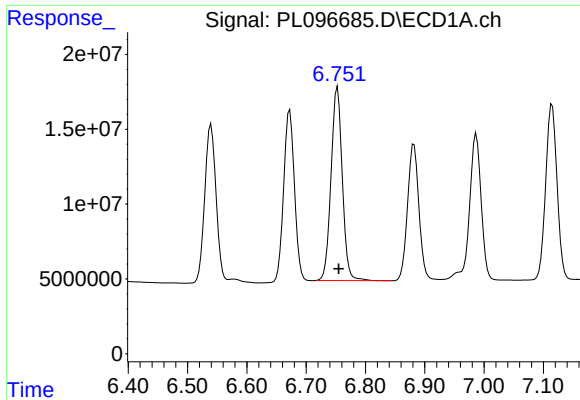
#14 Endrin

R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 136425473
Conc: 45.07 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 239707724
Conc: 44.34 ng/ml



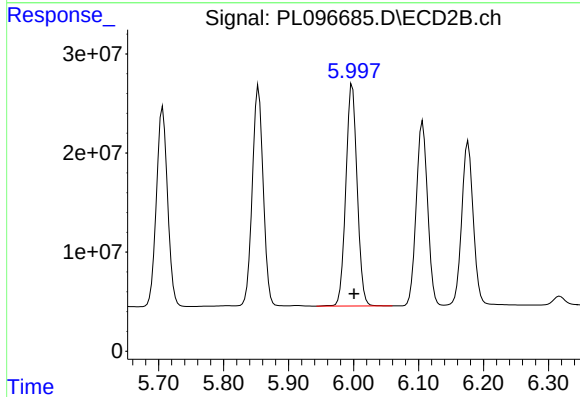
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 170190048
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

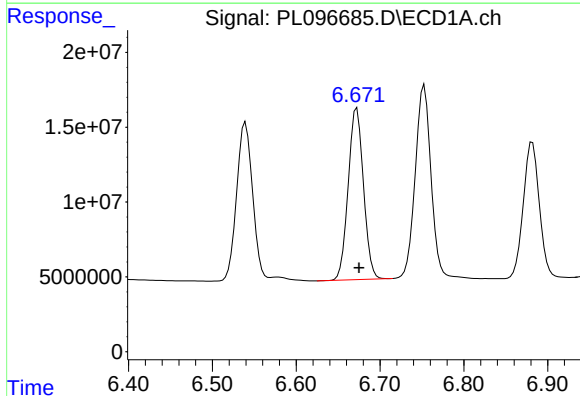
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



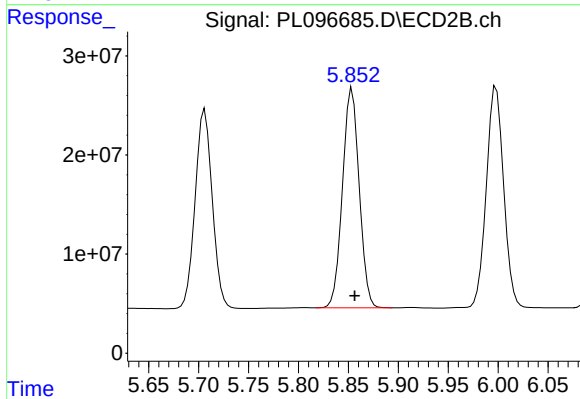
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 271103272
Conc: 52.78 ng/ml



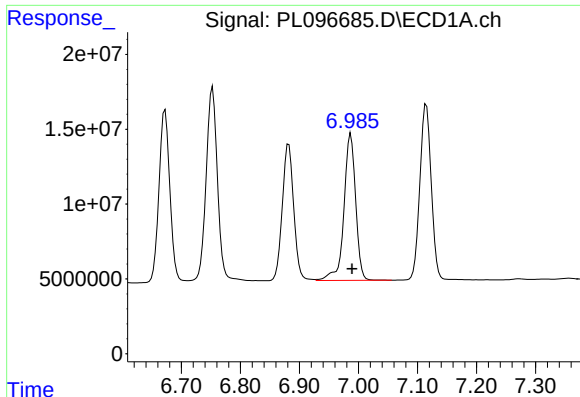
#16 4,4'-DDD

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 145615968
Conc: 57.59 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 257995964
Conc: 54.83 ng/ml



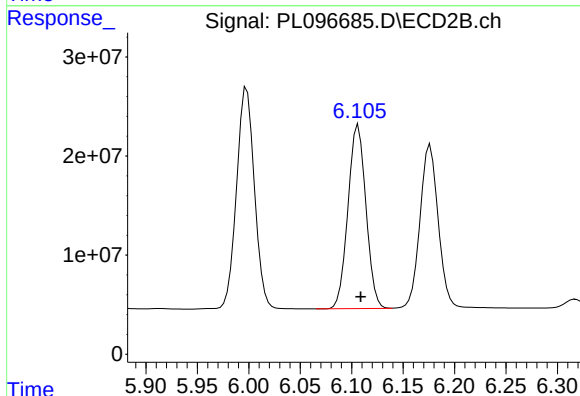
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 135376991
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

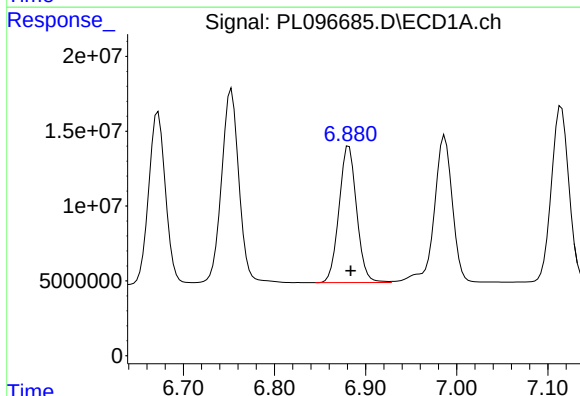
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



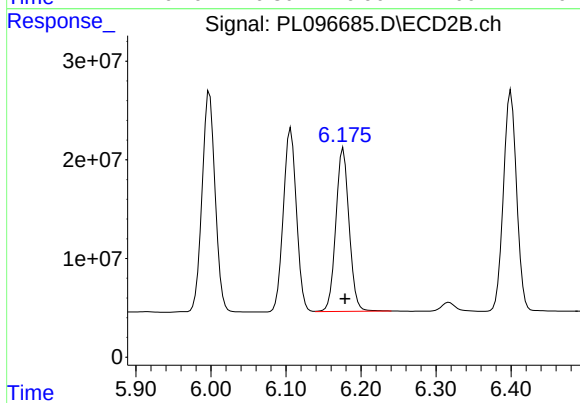
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 225619365
Conc: 44.60 ng/ml



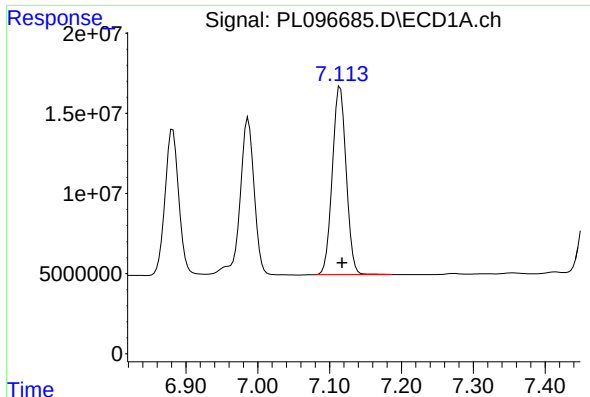
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 122568700
Conc: 57.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 203752891
Conc: 55.21 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 156942742
Conc: 54.61 ng/ml

Instrument :

ECD_L

ClientSampleId :

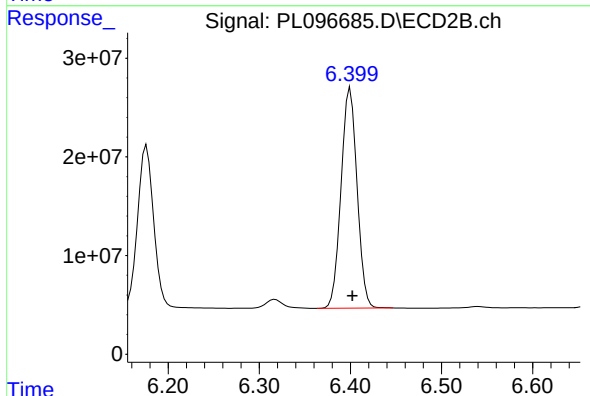
PSTDCCC050

Manual Integrations

APPROVED

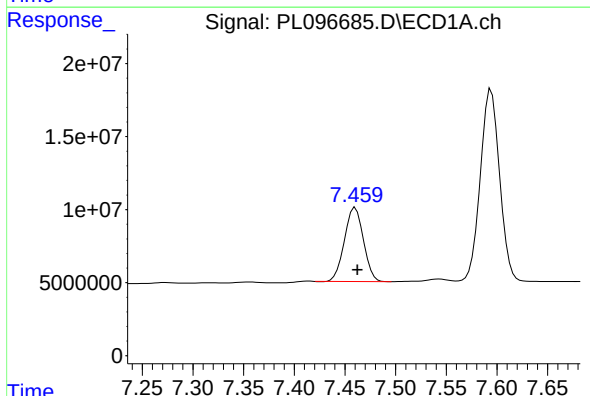
Reviewed By :Abdul Mirza 08/04/2025

Supervised By :mohammad ahmed 08/05/2025



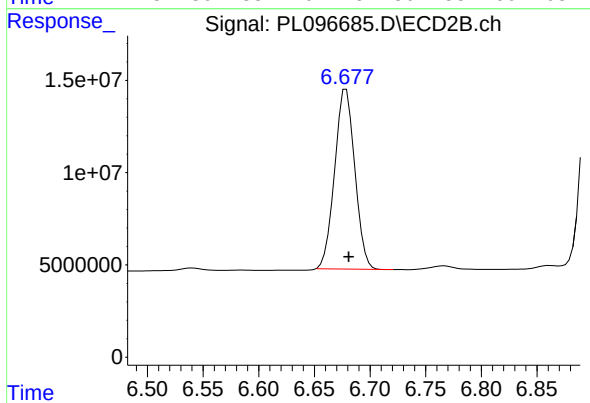
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 272359302
Conc: 53.55 ng/ml



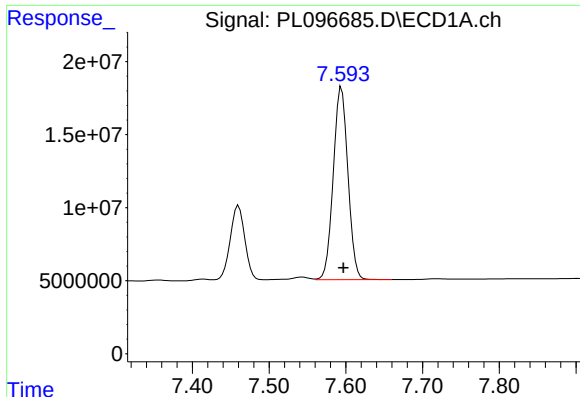
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 66043055
Conc: 44.98 ng/ml



#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: -0.002 min
Response: 122578799
Conc: 44.73 ng/ml



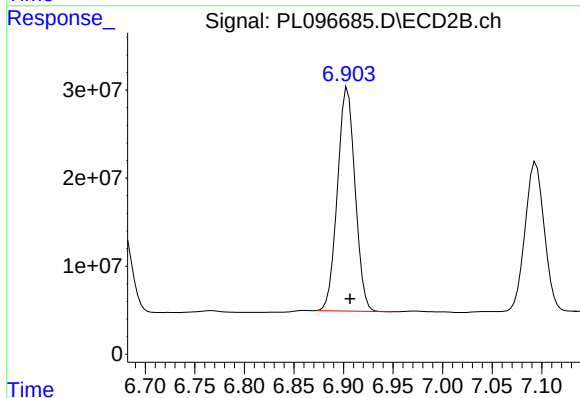
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: -0.002 min
Response: 175135485
Conc: 58.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

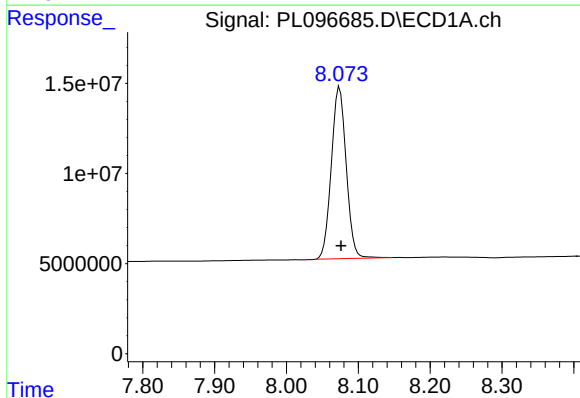
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



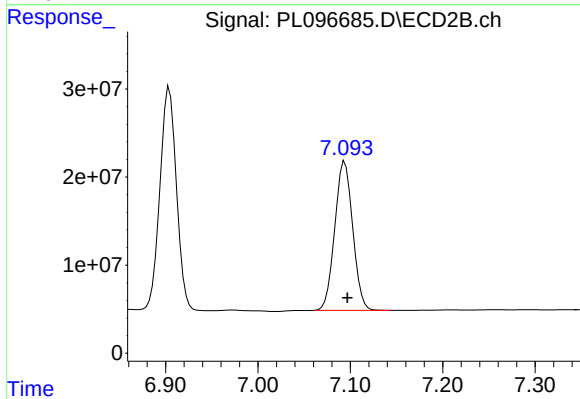
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 313885464
Conc: 56.36 ng/ml



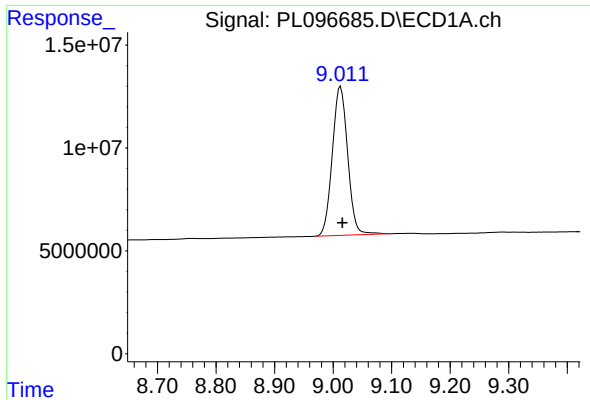
#22 Mirex

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 136660400
Conc: 55.12 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 228070271
Conc: 52.30 ng/ml



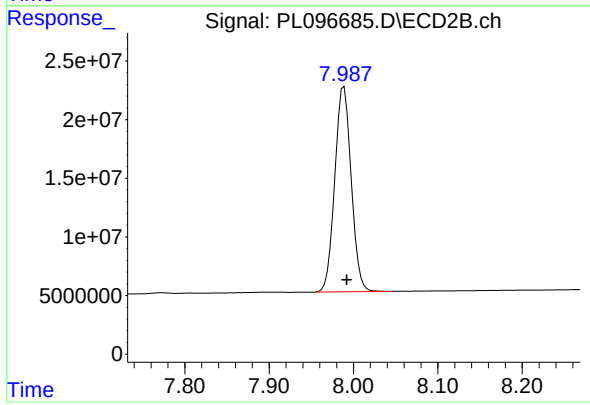
#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.003 min
Response: 132180627
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 237006119
Conc: 54.63 ng/ml