

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
 Data File : PL096709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2025 16:02
 Operator : AR\AJ
 Sample : Q2763-01MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2025
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:53:17 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...	3.531	2.826	4663073	9506883	1.466m	1.990 #
28) SA Decachlor...	9.008	7.988	4585126	9463275	1.923m	2.181
Target Compounds						
2) A alpha-BHC	3.980	3.332	21775673	35625254	4.707	5.034
3) MA gamma-BHC...	4.306	3.664	21019750	34234810	4.752m	5.184
4) MA Heptachlor	4.898	4.012	21121804	36315453	5.083m	5.451
5) MB Aldrin	5.237	4.293	21245846	32679129	4.940m	5.265m
6) B beta-BHC	4.494	3.959	8834080	19289310	4.894	6.838m#
7) B delta-BHC	4.739	4.193	19202605	33565577	4.813m	5.185
8) B Heptachlo...	5.658	4.797	27213329	30547501	7.056	5.349
9) A Endosulfan I	6.040	5.168	19821167	28933711	5.511	5.231
10) B gamma-Chl...	5.912	5.049	22613388	41520025	5.943	7.061
11) B alpha-Chl...	5.993	5.113	21959242	33898022	5.697	5.746
12) B 4,4'-DDE	6.162	5.301	23181395	36837320	7.219	6.680
13) MA Dieldrin	6.311	5.432	19692528	41259121	5.306m	6.985 #
14) MA Endrin	6.538	5.708	15189578	29265096	5.018	5.413
15) B Endosulfa...	6.751	5.998	14708860	28406858	4.593	5.531
16) A 4,4'-DDD	6.671	5.854	95391042	180.0E6	37.728	38.252
17) MA 4,4'-DDT	6.983	6.105	14362002	31998973	5.008m	6.326 #
18) B Endrin al...	6.880	6.176	12557894	32476931	5.852	5.835
19) B Endosulfa...	7.112	6.400	14879992	31352555	5.178	6.164
20) A Methoxychlor	7.458	6.677	6685513	14522188	4.553	5.299m
21) B Endrin ke...	7.591	6.904	17754886	25993181	5.905	4.667
22) Mirex	8.071	7.093	13360349	22173190	5.389	5.085m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
Data File : PL096709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 16:02
Operator : AR\AJ
Sample : Q2763-01MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

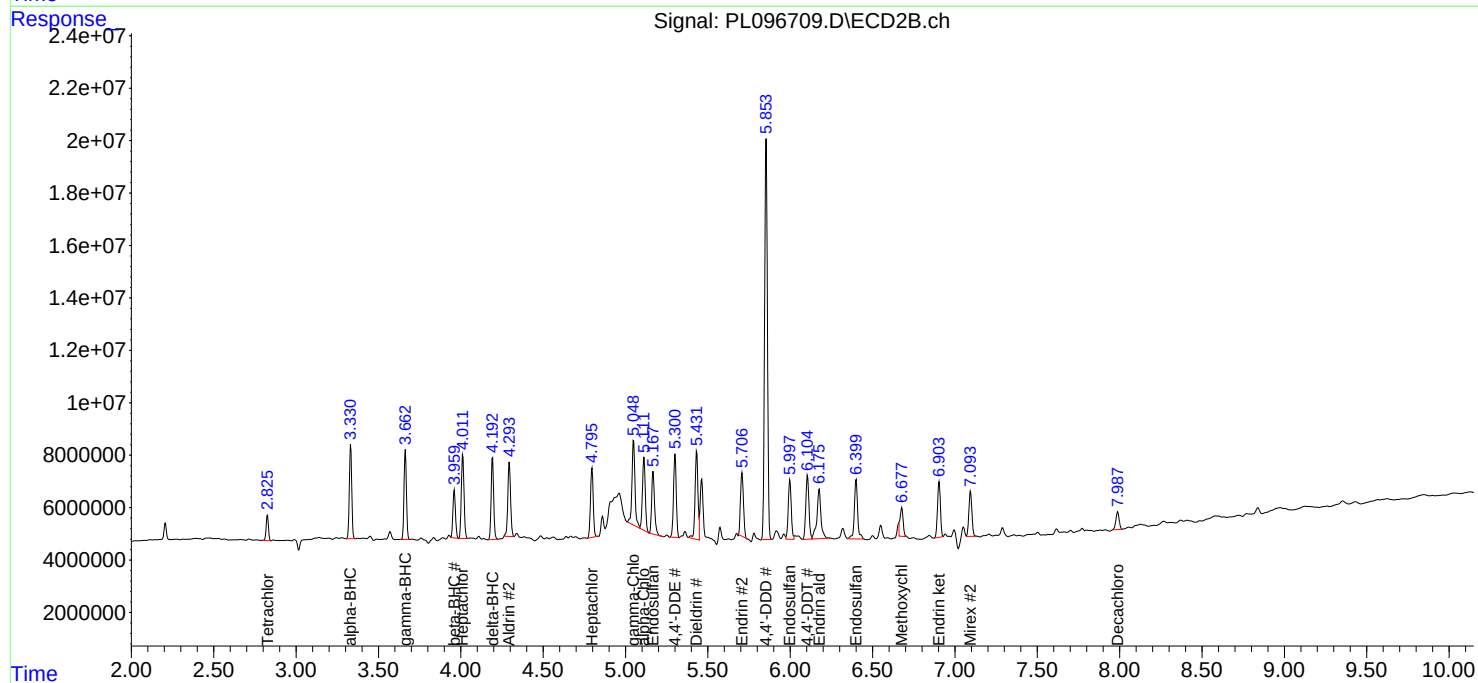
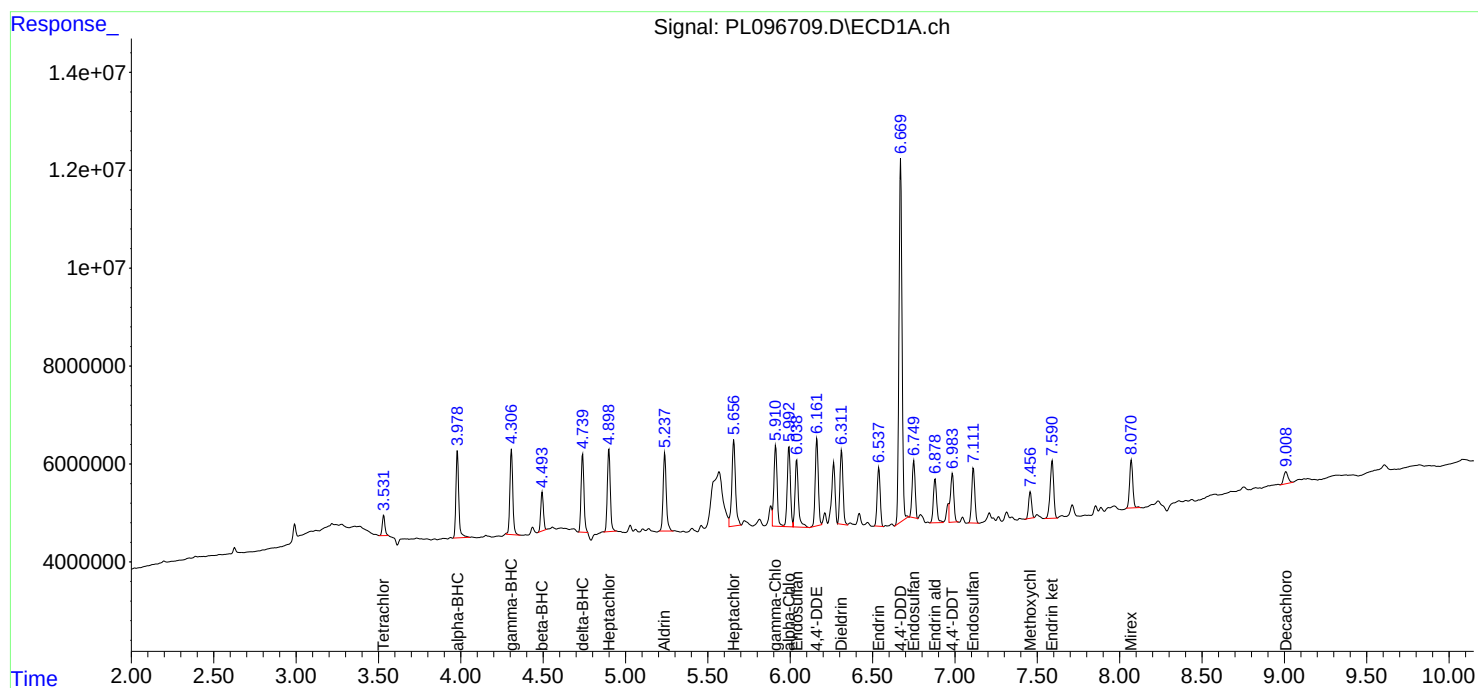
Instrument :
ECD_L
ClientSampleId :
TP-2MS

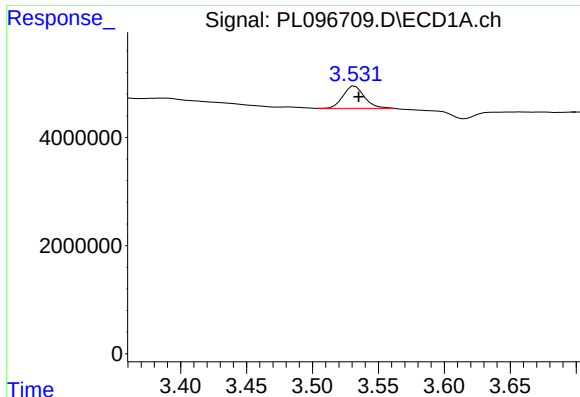
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:53:17 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





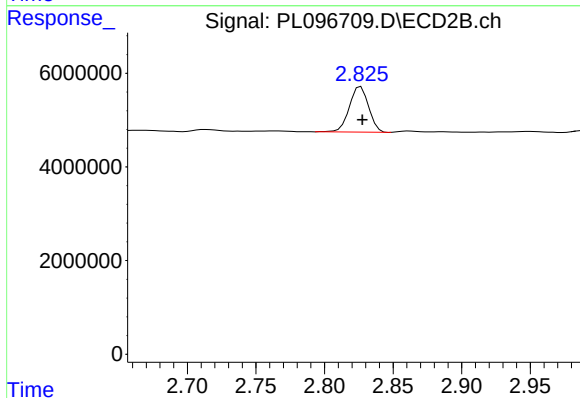
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 4663073
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

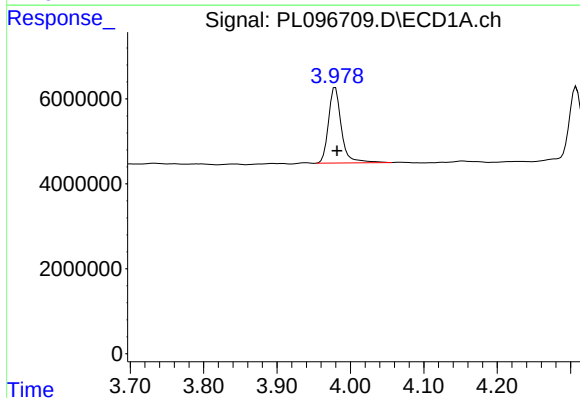
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



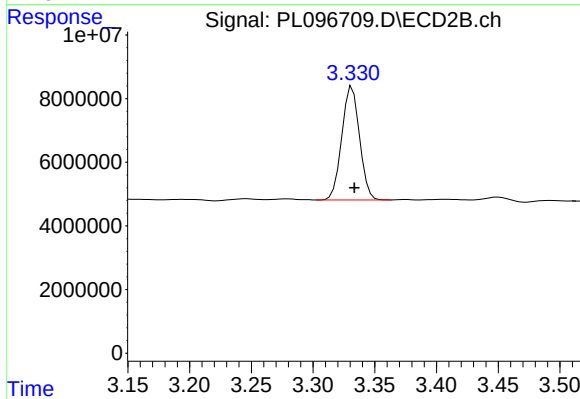
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.001 min
Response: 9506883
Conc: 1.99 ng/ml



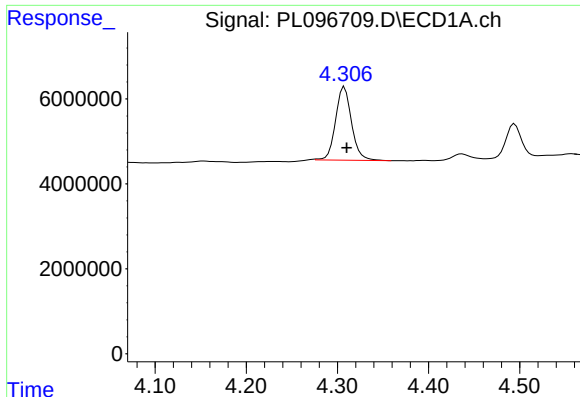
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.003 min
Response: 21775673
Conc: 4.71 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.002 min
Response: 35625254
Conc: 5.03 ng/ml



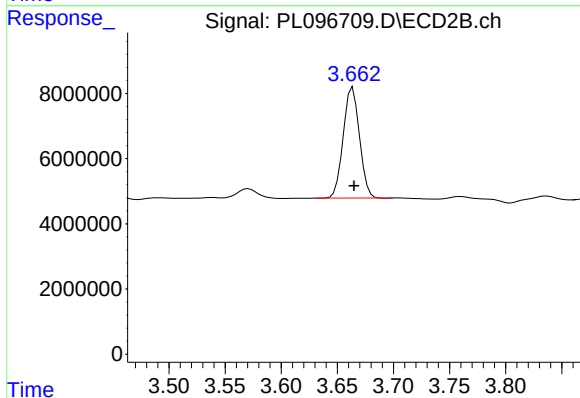
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.004 min
Response: 21019750
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

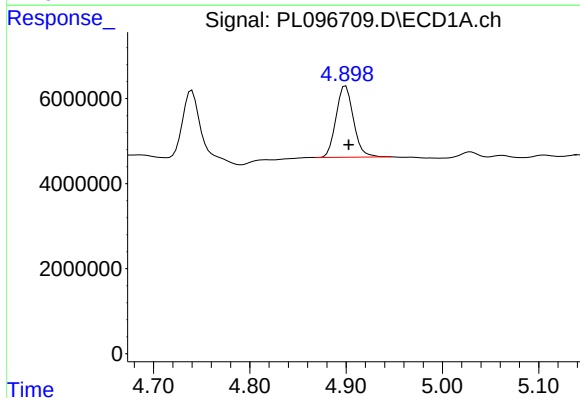
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



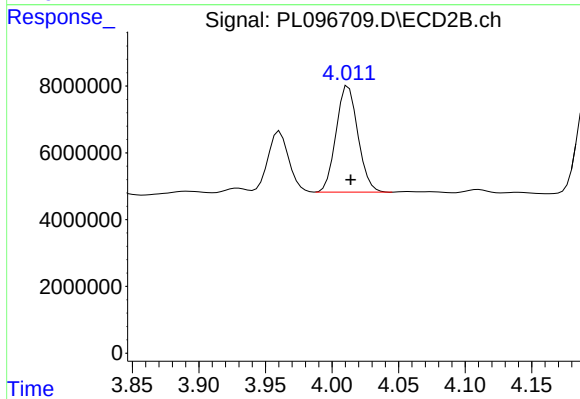
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.001 min
Response: 34234810
Conc: 5.18 ng/ml



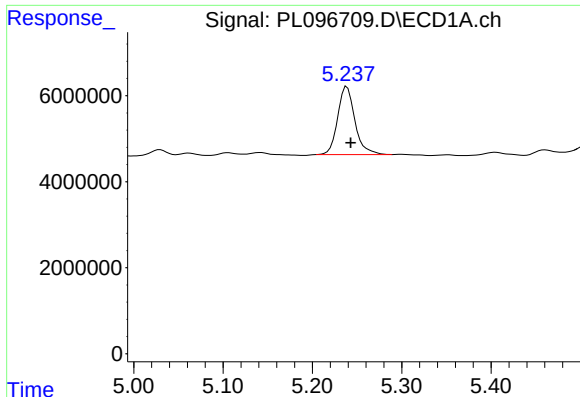
#4 Heptachlor

R.T.: 4.898 min
Delta R.T.: -0.004 min
Response: 21121804
Conc: 5.08 ng/ml m



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 36315453
Conc: 5.45 ng/ml



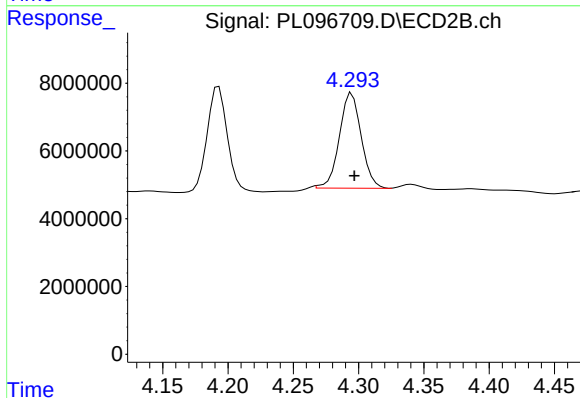
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 21245846
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

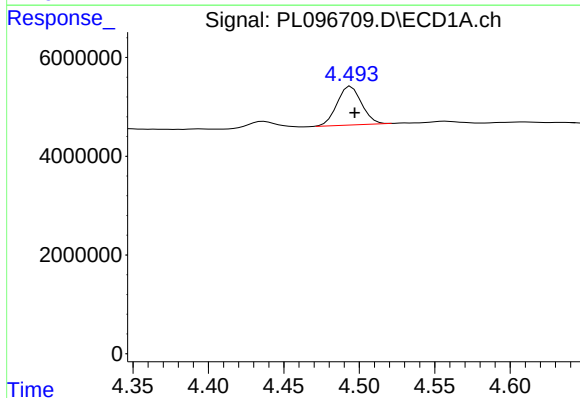
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



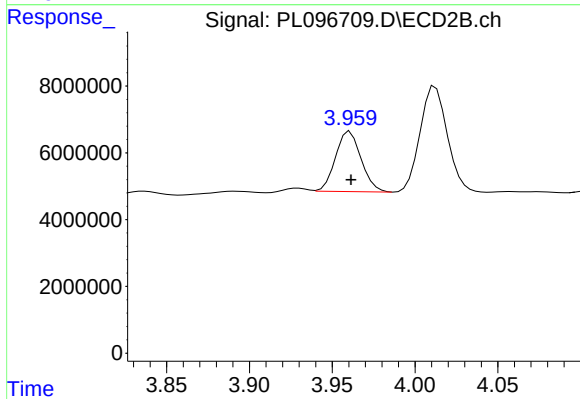
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 32679129
Conc: 5.26 ng/ml m



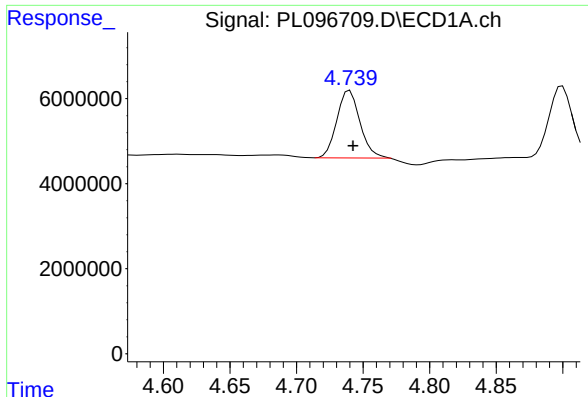
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 8834080
Conc: 4.89 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 19289310
Conc: 6.84 ng/ml m



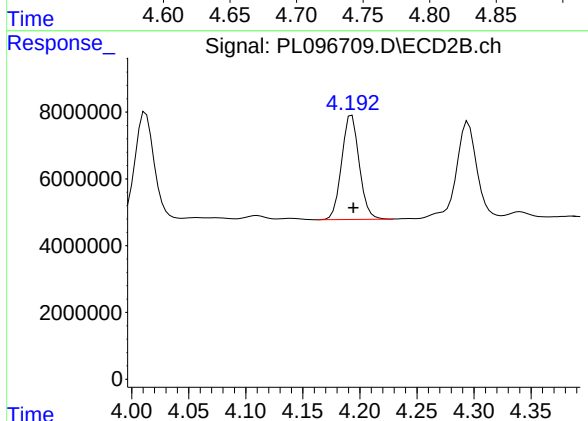
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 19202605
Conc: 4.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

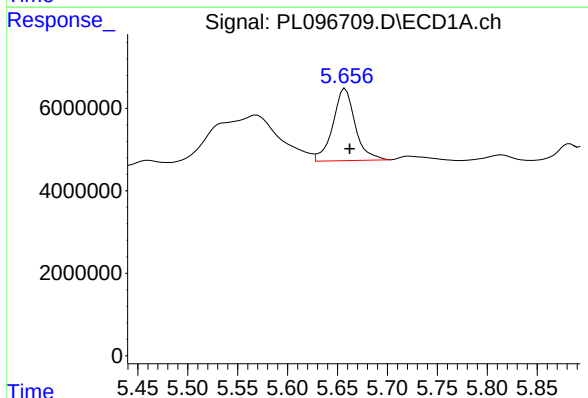
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



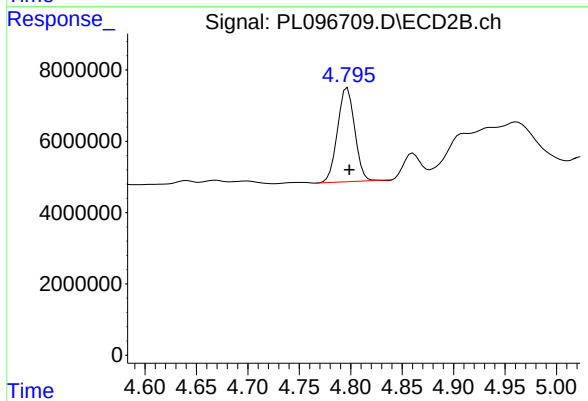
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 33565577
Conc: 5.18 ng/ml



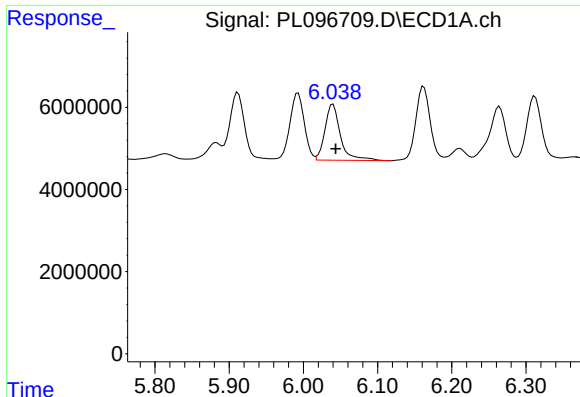
#8 Heptachlor epoxide

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 27213329
Conc: 7.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 30547501
Conc: 5.35 ng/ml



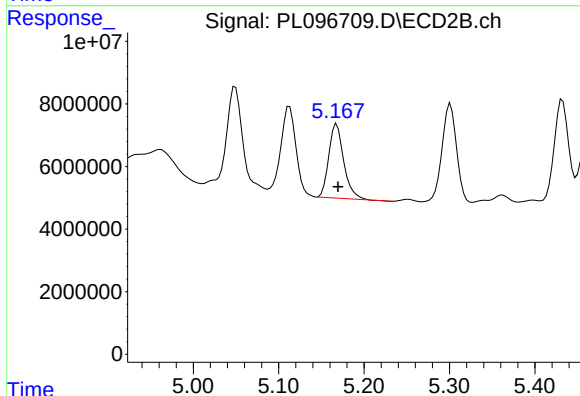
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 19821167
Conc: 5.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

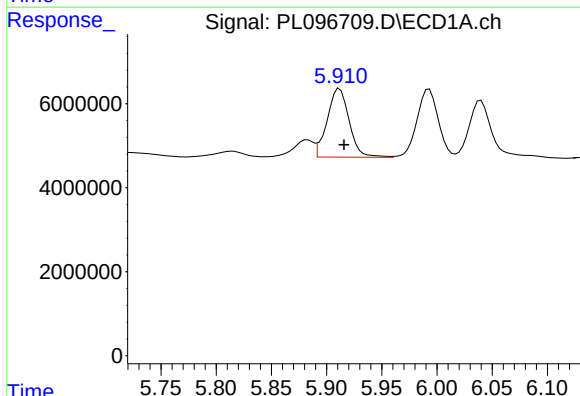
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



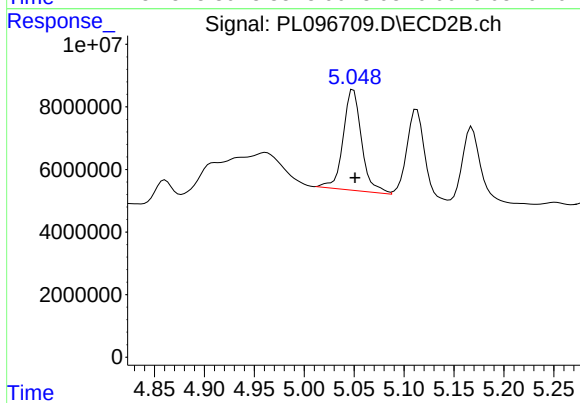
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 28933711
Conc: 5.23 ng/ml



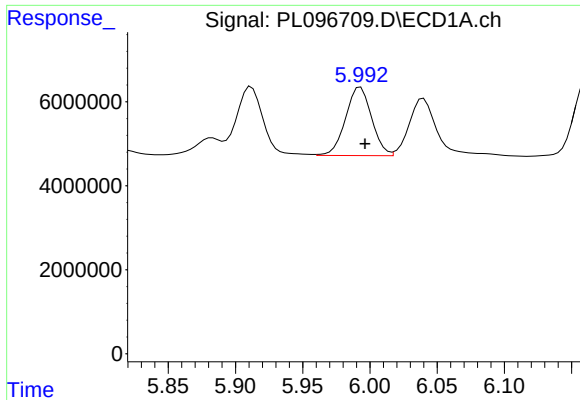
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 22613388
Conc: 5.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 41520025
Conc: 7.06 ng/ml



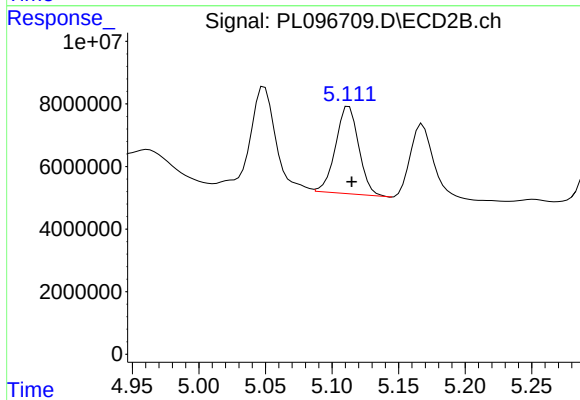
#11 alpha-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 21959242
Conc: 5.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

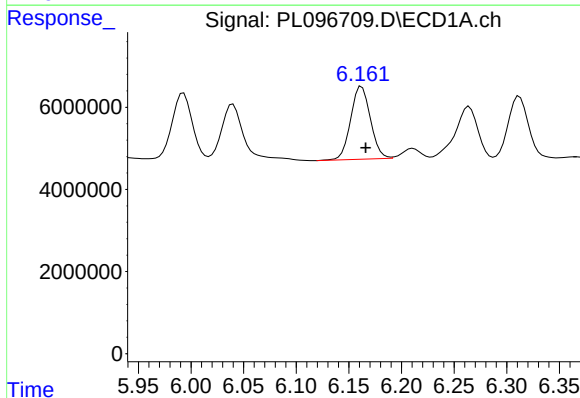
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



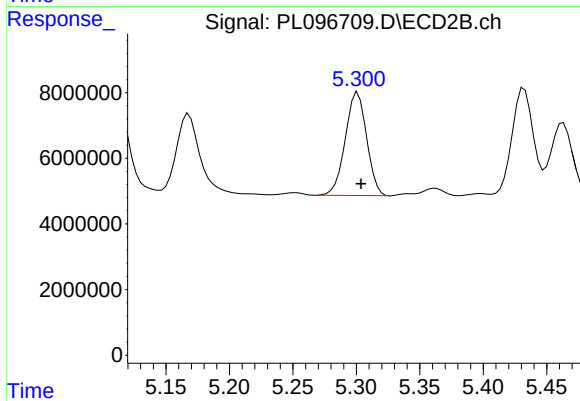
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 33898022
Conc: 5.75 ng/ml



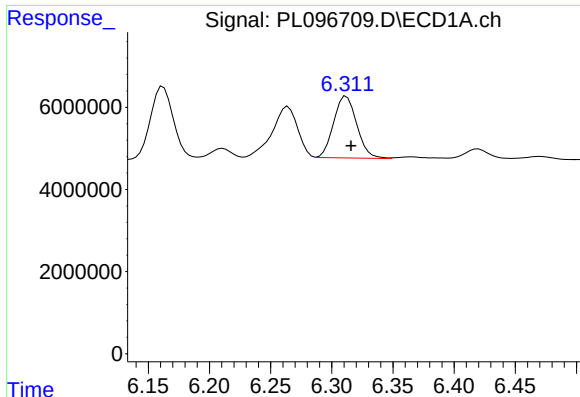
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 23181395
Conc: 7.22 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 36837320
Conc: 6.68 ng/ml



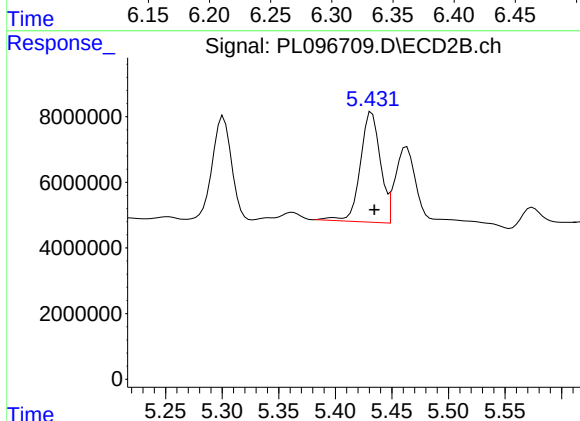
#13 Dieldrin

R.T.: 6.311 min
Delta R.T.: -0.005 min
Response: 19692528
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

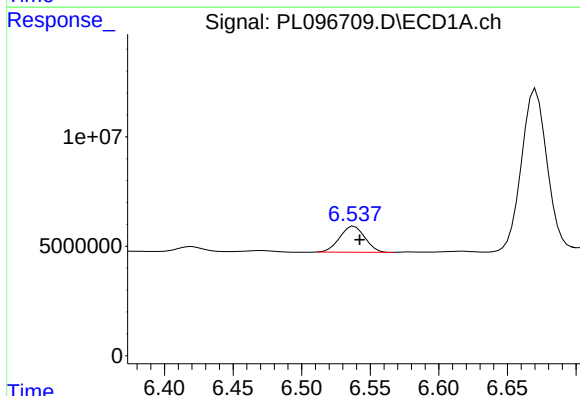
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



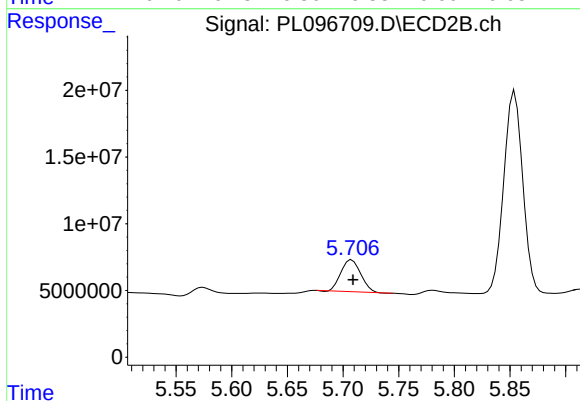
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 41259121
Conc: 6.99 ng/ml



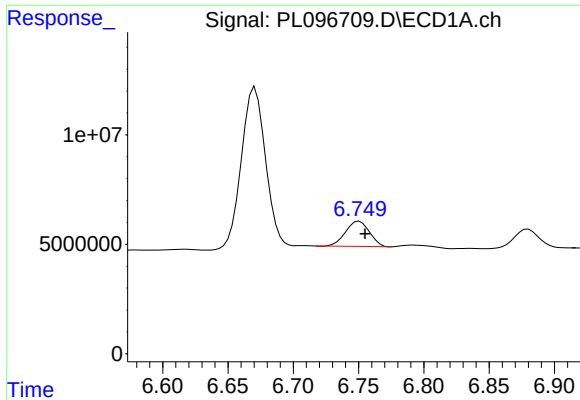
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 15189578
Conc: 5.02 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 29265096
Conc: 5.41 ng/ml



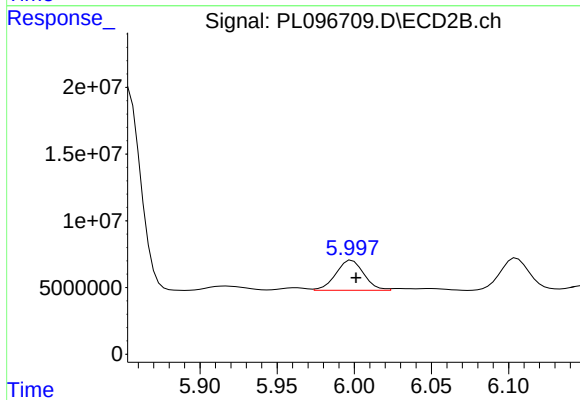
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 14708860
Conc: 4.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

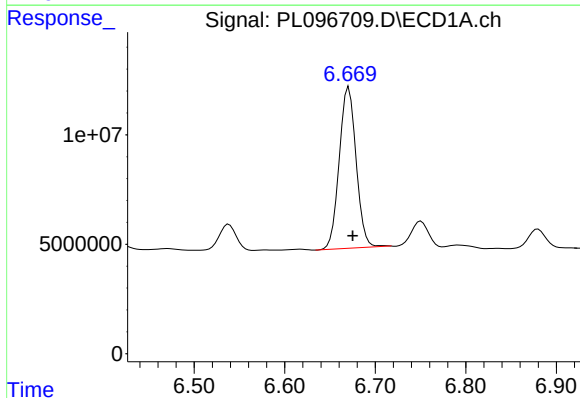
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



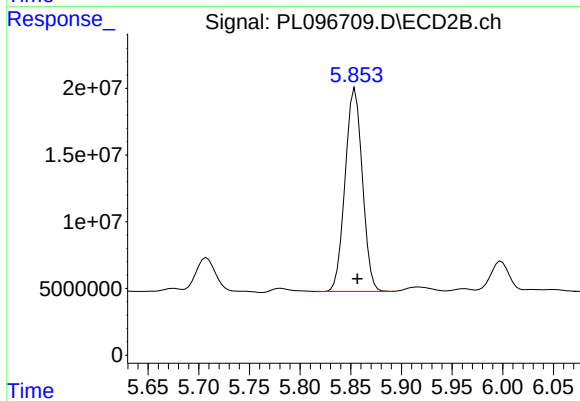
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 28406858
Conc: 5.53 ng/ml



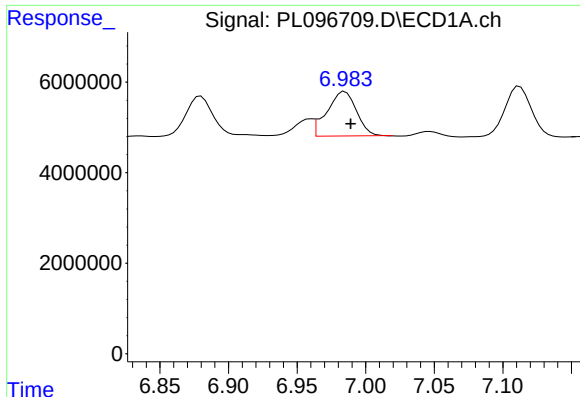
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 95391042
Conc: 37.73 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 179987259
Conc: 38.25 ng/ml



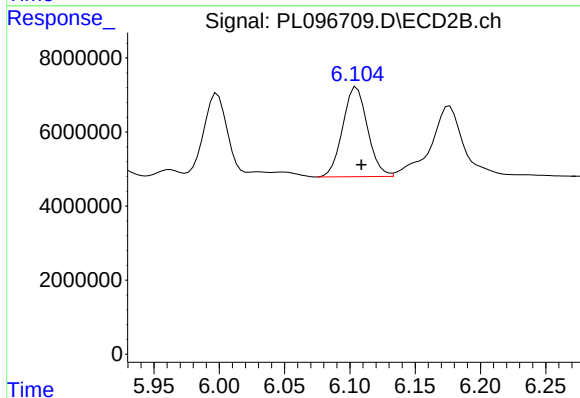
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 14362002
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

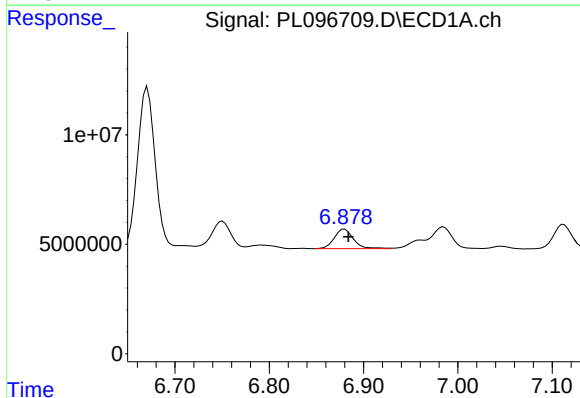
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



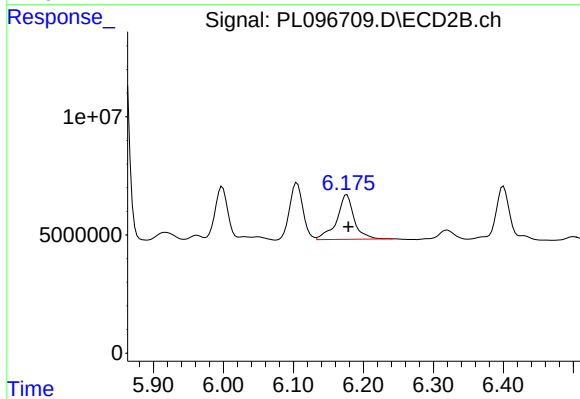
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 31998973
Conc: 6.33 ng/ml



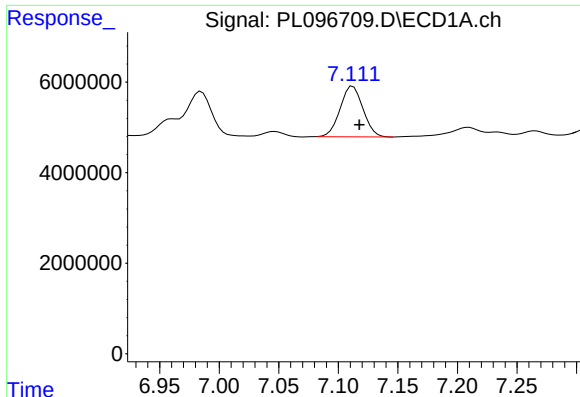
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 12557894
Conc: 5.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 32476931
Conc: 5.83 ng/ml



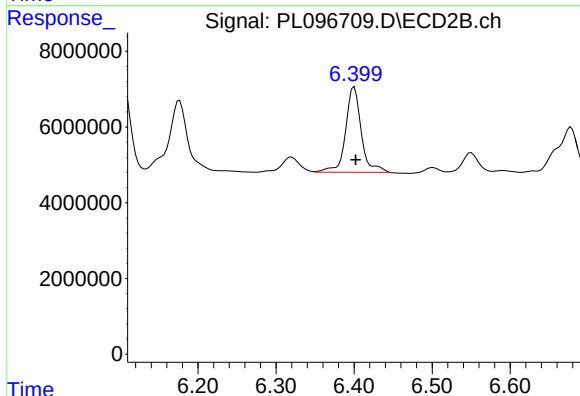
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: -0.005 min
Response: 14879992
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

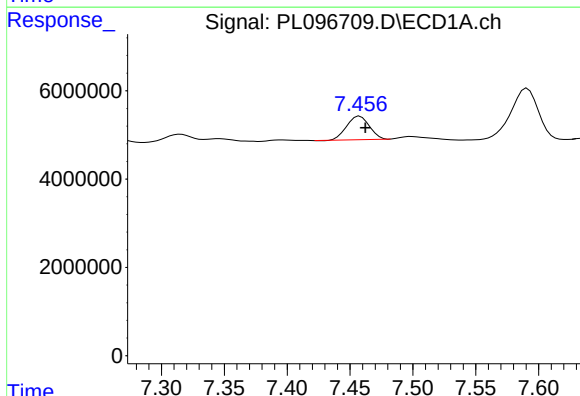
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



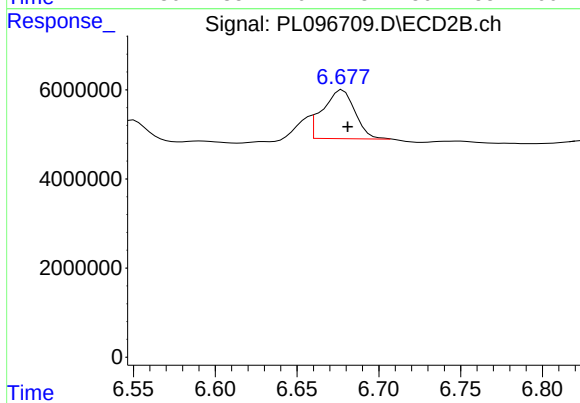
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 31352555
Conc: 6.16 ng/ml



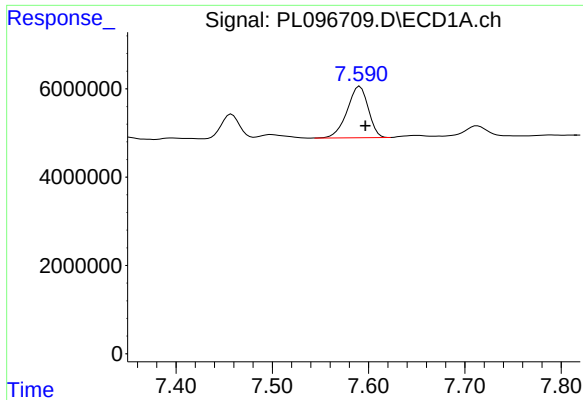
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 6685513
Conc: 4.55 ng/ml



#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 14522188
Conc: 5.30 ng/ml m



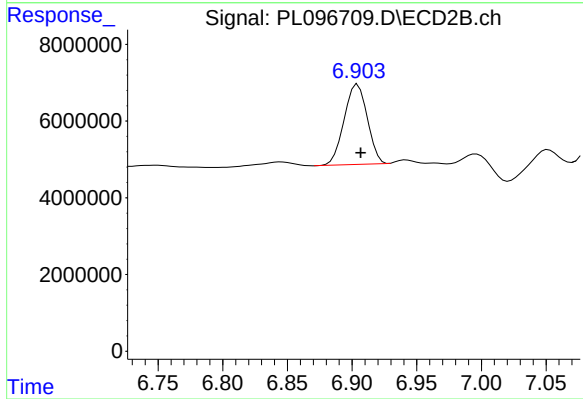
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.006 min
Response: 17754886
Conc: 5.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

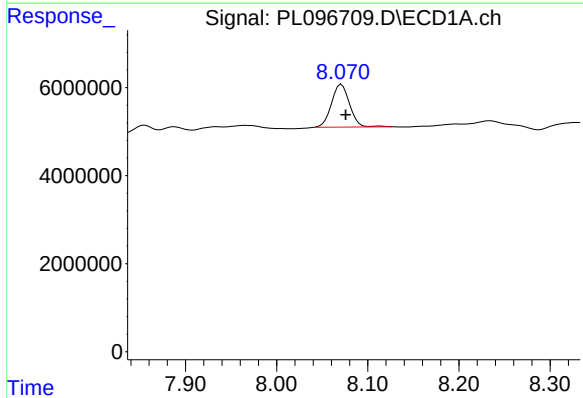
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



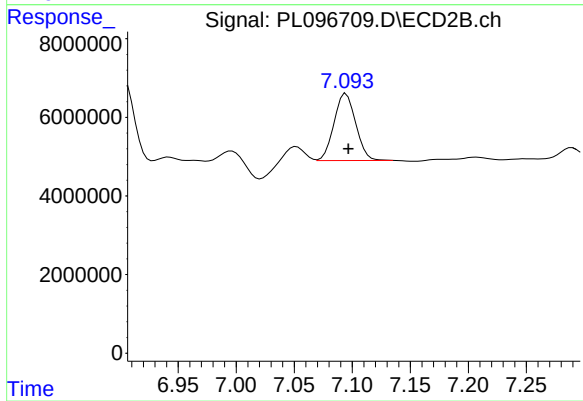
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 25993181
Conc: 4.67 ng/ml



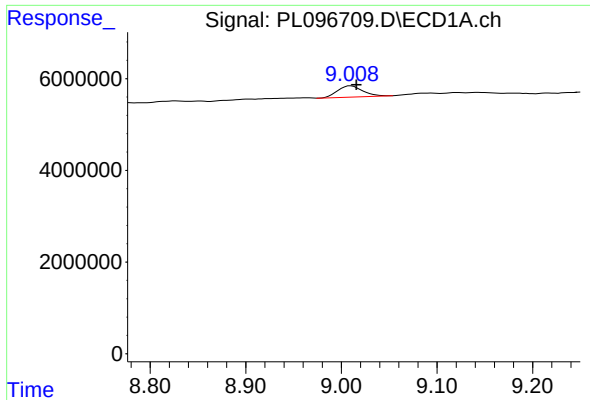
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 13360349
Conc: 5.39 ng/ml



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.003 min
Response: 22173190
Conc: 5.08 ng/ml m



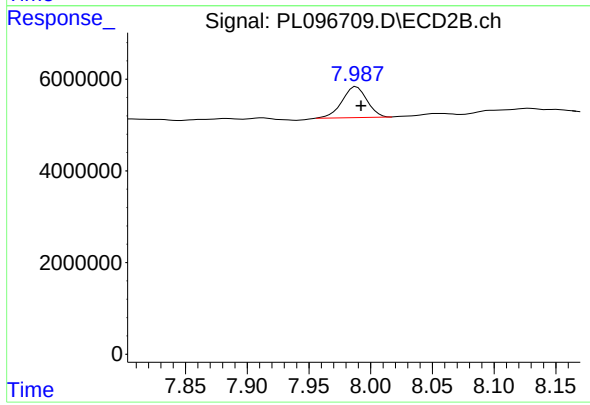
#28 Decachlorobiphenyl

R.T.: 9.008 min
Delta R.T.: -0.007 min
Response: 4585126
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 9463275
Conc: 2.18 ng/ml