

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061125\
 Data File : PL096004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 10:28
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/11/2025
 Supervised By : mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 13:35:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 13:27:36 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...	3.572	2.883	17632491	21469056	5.426	5.290
28) SA Decachlor...	9.113	8.065	13913261	25232054	5.692	5.307
Target Compounds						
2) A alpha-BHC	4.022	3.392	25244441	28853840	5.054	4.730
3) MA gamma-BHC...	4.354	3.725	24173965	28373268	5.183	4.880
4) MA Heptachlor	4.950	4.078	22046887	28987580	5.347m	5.030
5) MB Aldrin	5.293	4.362	23817424	26987346	5.348	4.920
6) B beta-BHC	4.542	4.021	10432111	13427844	5.265	5.214
7) B delta-BHC	4.790	4.256	23468027	27694281	5.159	4.789
8) B Heptachlo...	5.715	4.865	21489684	26680599	5.448	5.198
9) A Endosulfan I	6.098	5.237	20710811	35622561	5.540	6.439
10) B gamma-Chl...	5.969	5.117	21736485	27791190	5.377	5.111
11) B alpha-Chl...	6.050	5.182	22139037	33341668	5.494	5.850
12) B 4,4'-DDE	6.221	5.370	19322888	27496027	5.194	5.075
13) MA Dieldrin	6.371	5.503	21311878	27075352	5.347	4.989
14) MA Endrin	6.599	5.779	17121329	24279283	5.406	5.112
15) B Endosulfa...	6.812	6.070	20497618	25786159	5.898	5.235
16) A 4,4'-DDD	6.732	5.923	16175575	23381728	5.380	5.109
17) MA 4,4'-DDT	7.048	6.178	14698034	22490502	5.163	4.772
18) B Endrin al...	6.941	6.249	14081061	20173507	5.681	5.497
19) B Endosulfa...	7.176	6.473	17499898	24819574	5.658	5.292
20) A Methoxychlor	7.523	6.750	8036673	13526845	5.613	5.256
21) B Endrin ke...	7.658	6.979	18618274	29133774	5.549	5.266
22) Mirex	8.140	7.171	15076135	24155479	5.976	5.529m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061125\
Data File : PL096004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:28
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

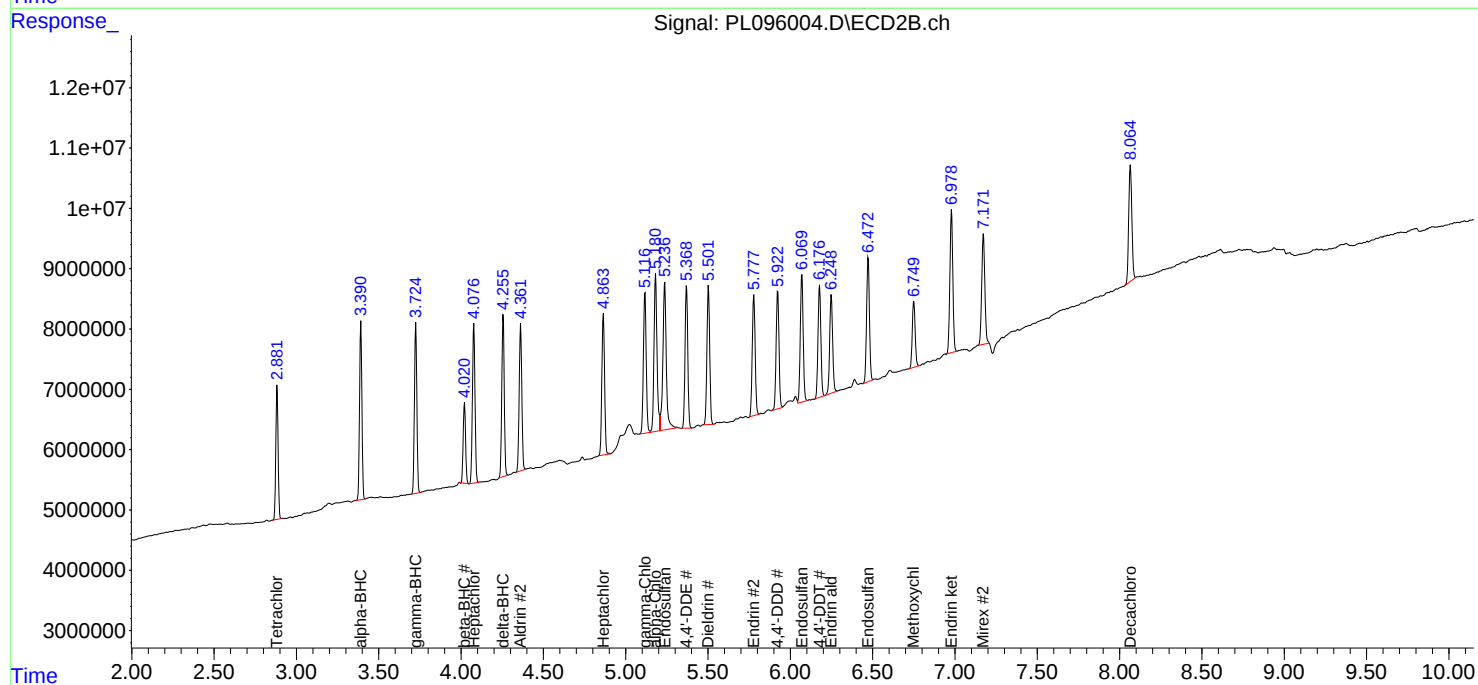
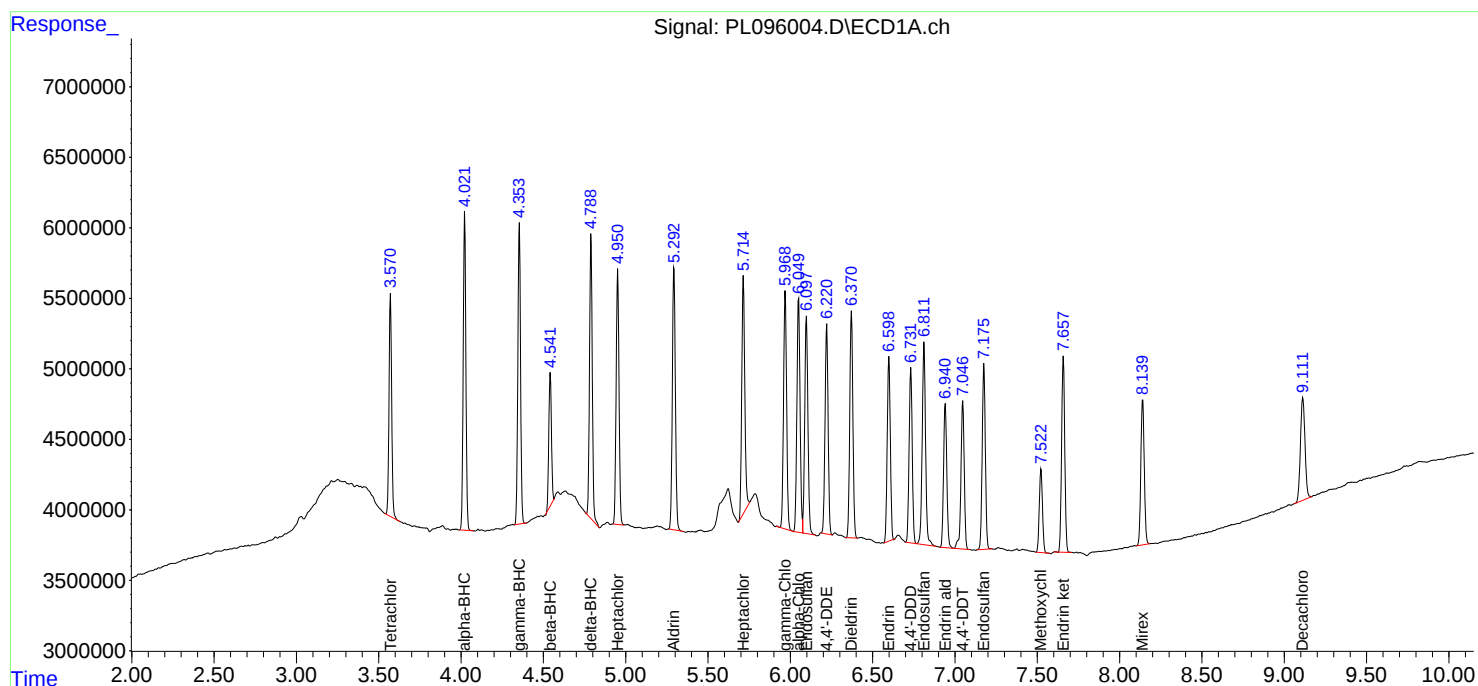
APPROVED

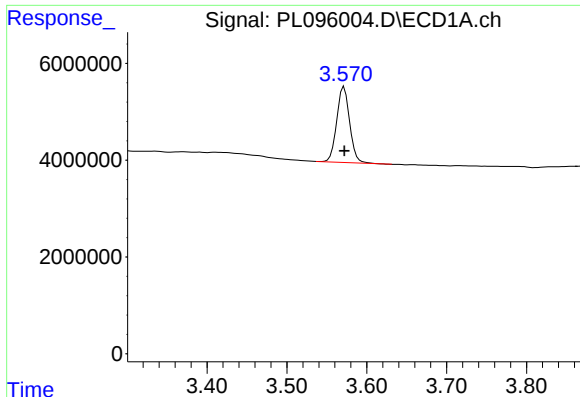
Reviewed By :Abdul Mirza 06/11/2025

Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 13:35:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
Quant Title : GC Extractables
QLast Update : Wed Jun 11 13:27:36 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





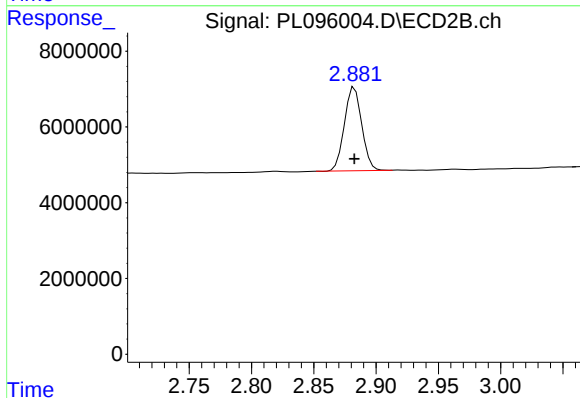
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.000 min
Response: 17632491
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

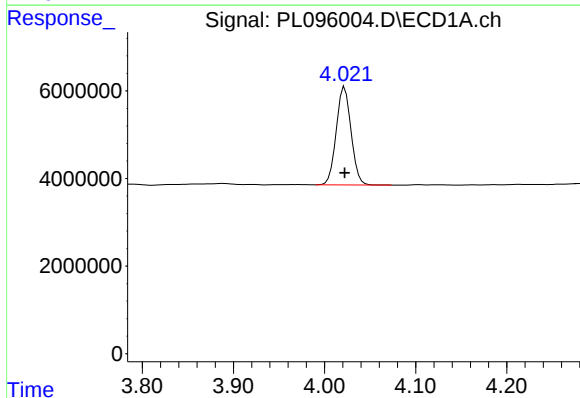
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



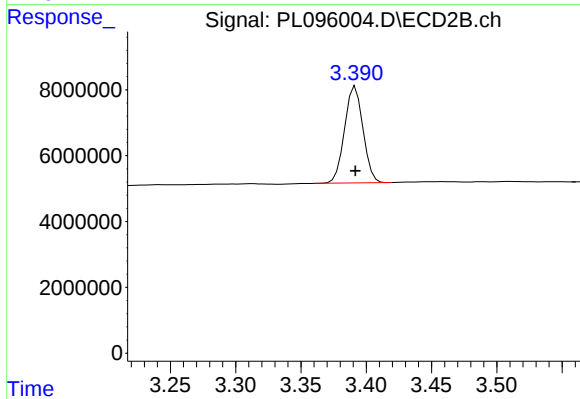
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 21469056
Conc: 5.29 ng/ml



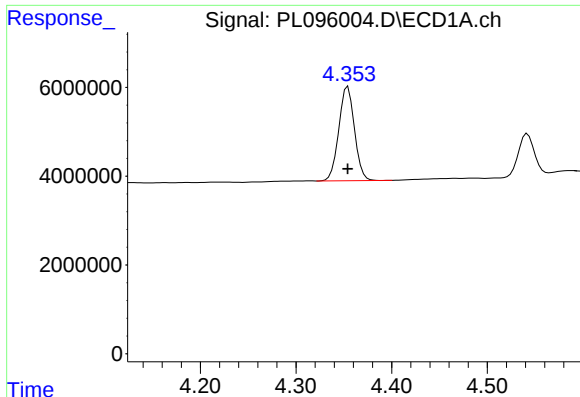
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 25244441
Conc: 5.05 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 28853840
Conc: 4.73 ng/ml



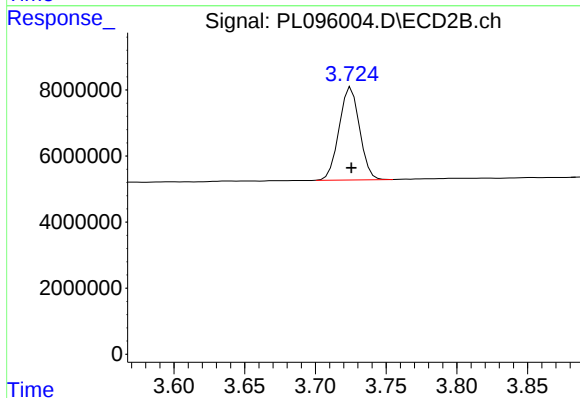
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 24173965
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

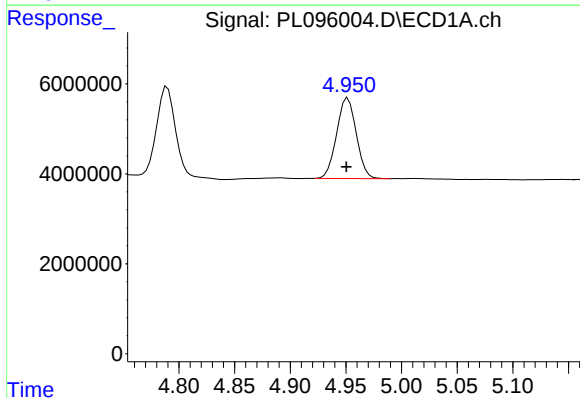
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



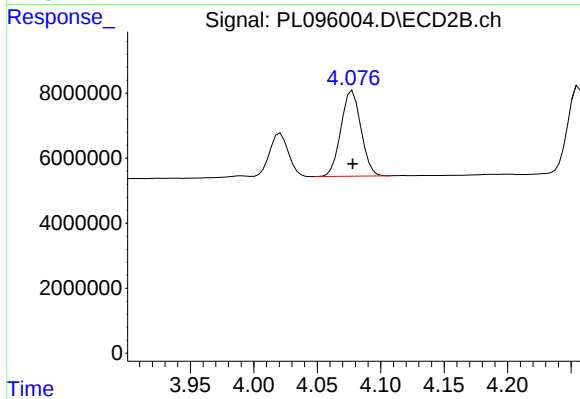
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 28373268
Conc: 4.88 ng/ml



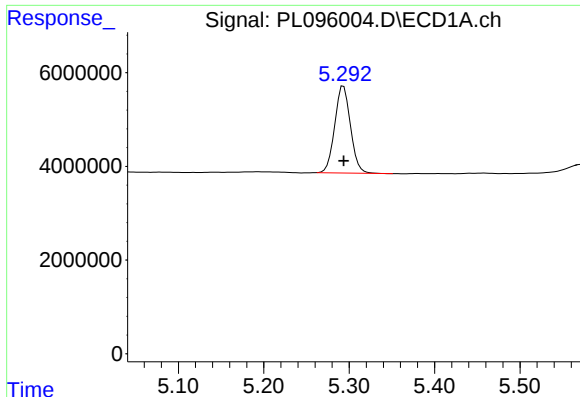
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 22046887
Conc: 5.35 ng/ml m



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 28987580
Conc: 5.03 ng/ml



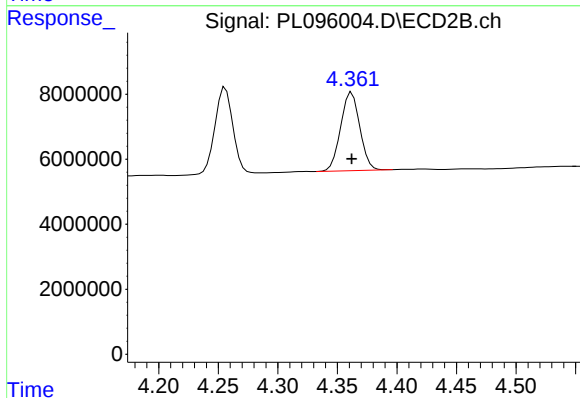
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 23817424
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

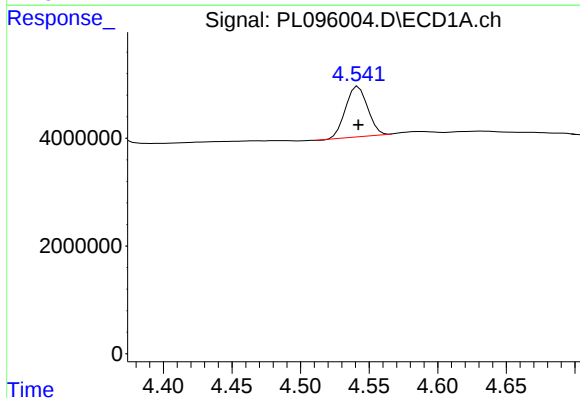
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



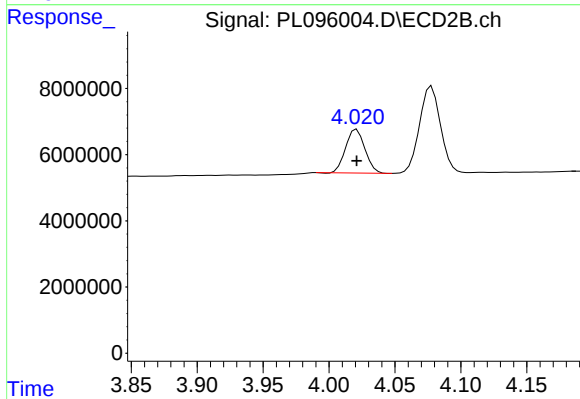
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 26987346
Conc: 4.92 ng/ml



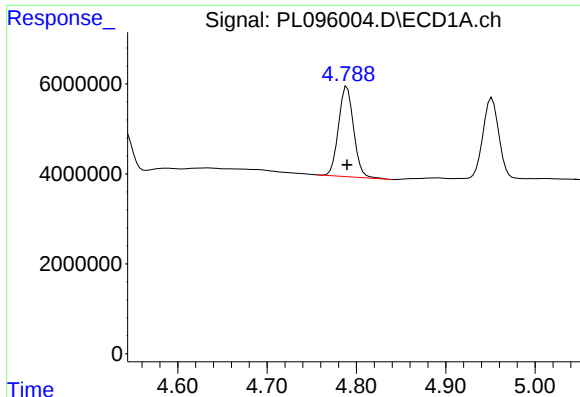
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 10432111
Conc: 5.27 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 13427844
Conc: 5.21 ng/ml



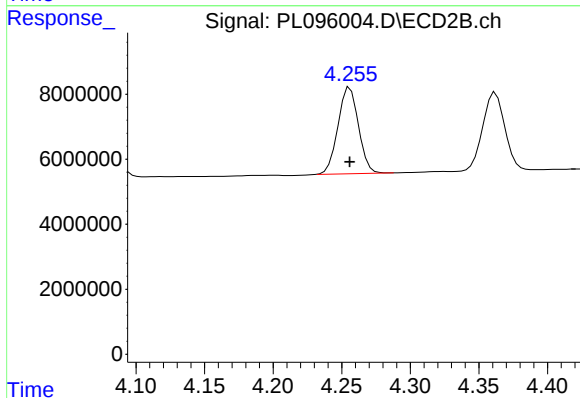
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 23468027
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

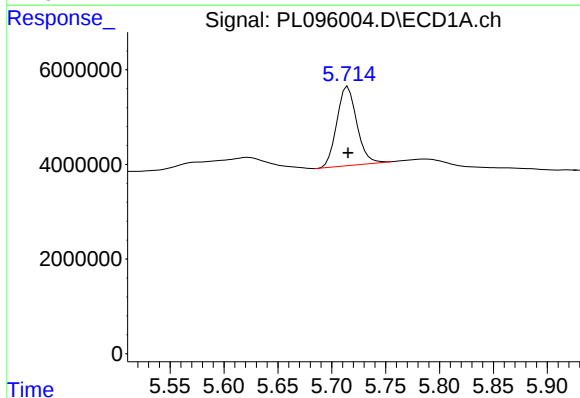
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



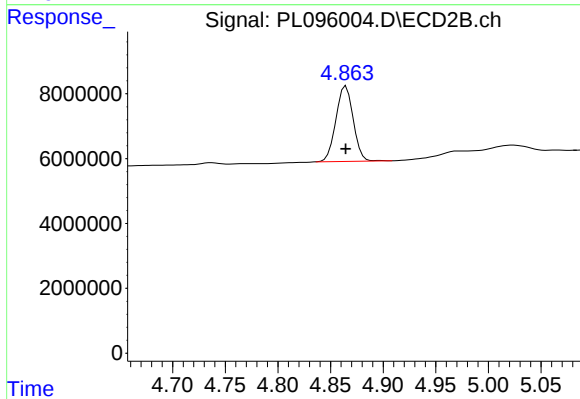
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 27694281
Conc: 4.79 ng/ml



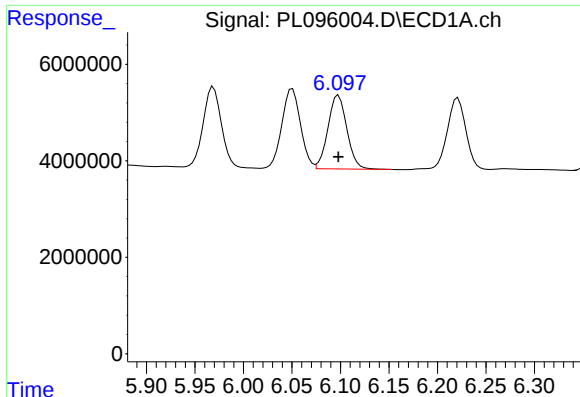
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 21489684
Conc: 5.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 26680599
Conc: 5.20 ng/ml



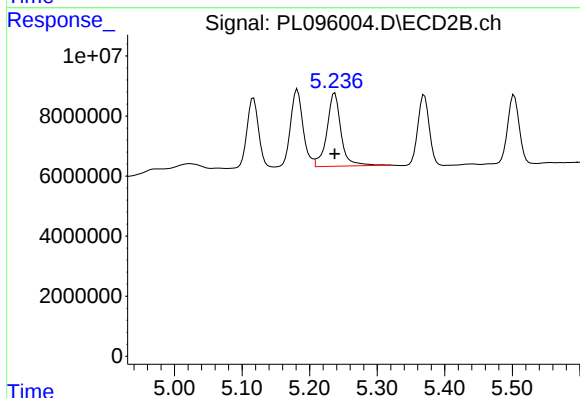
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 20710811
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

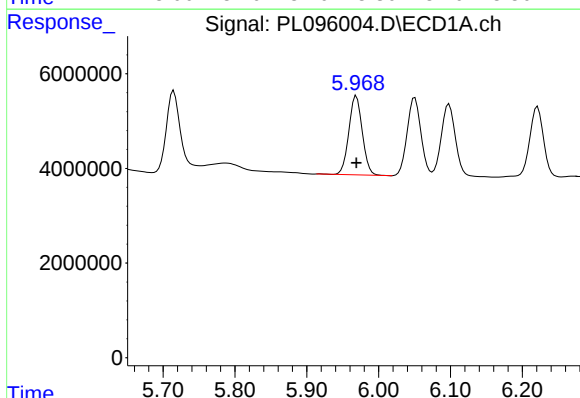
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



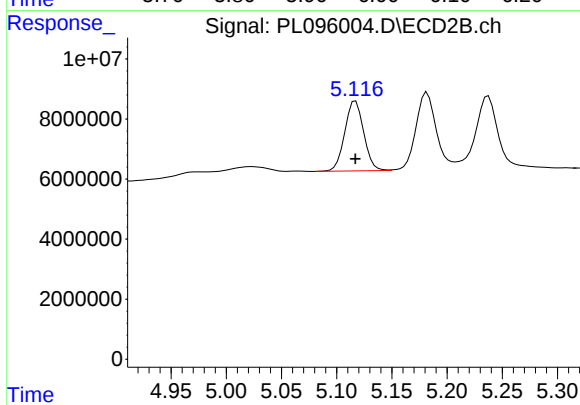
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 35622561
Conc: 6.44 ng/ml



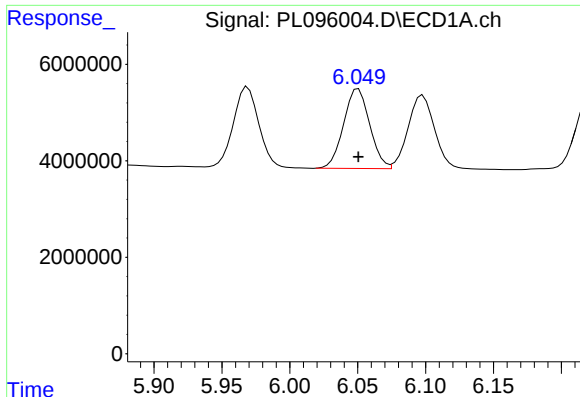
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 21736485
Conc: 5.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 27791190
Conc: 5.11 ng/ml



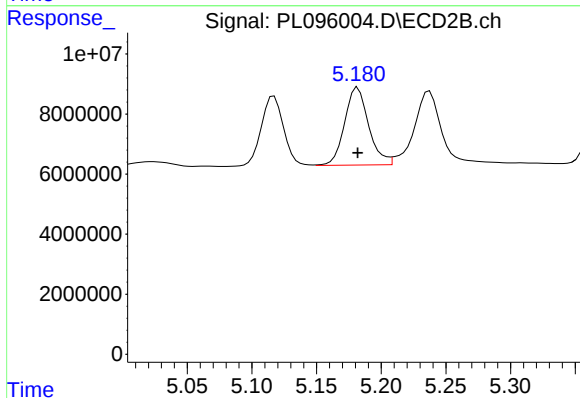
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 22139037
Conc: 5.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

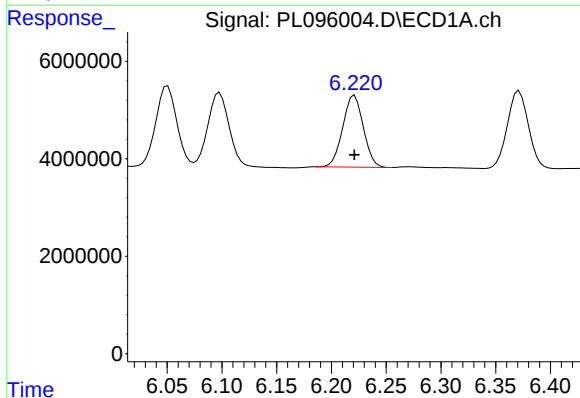
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



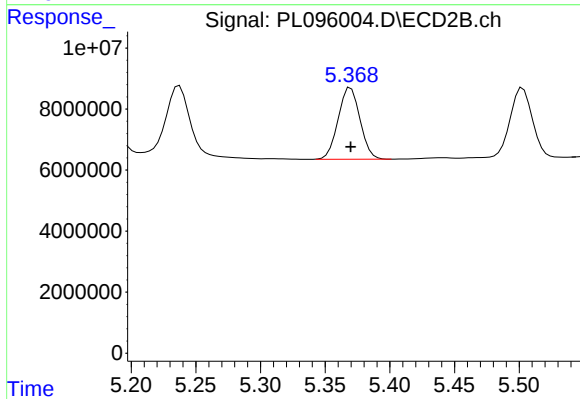
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 33341668
Conc: 5.85 ng/ml



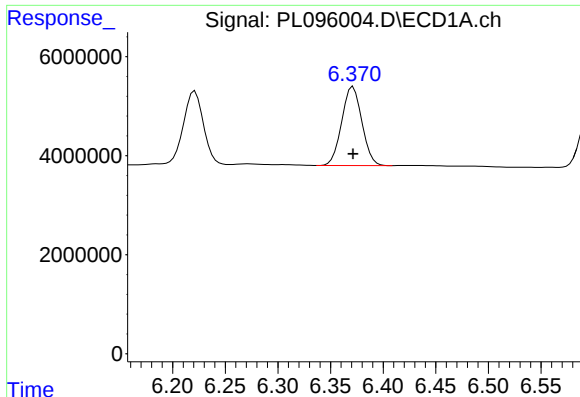
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 19322888
Conc: 5.19 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 27496027
Conc: 5.08 ng/ml



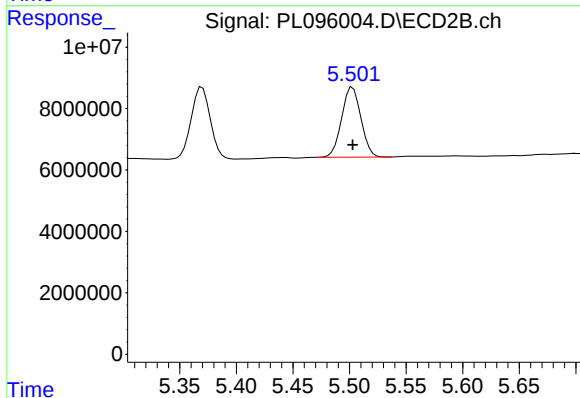
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 21311878
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

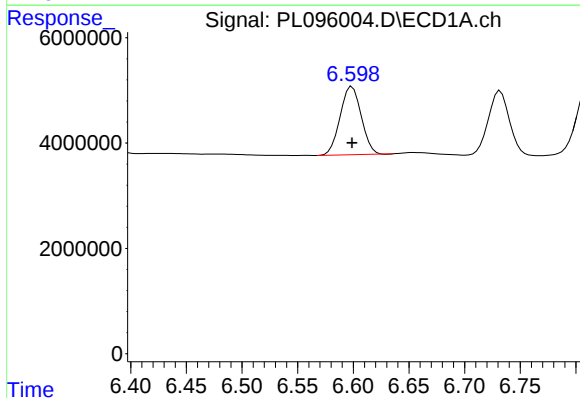
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



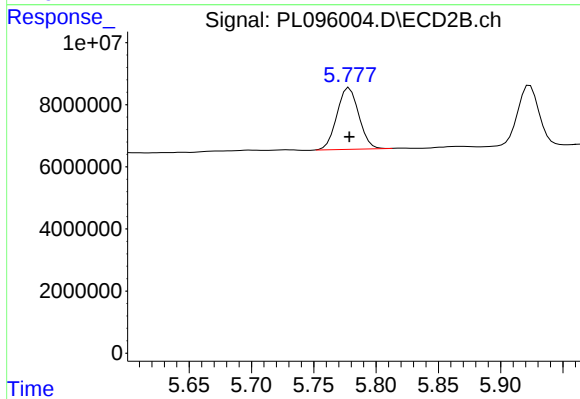
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 27075352
Conc: 4.99 ng/ml



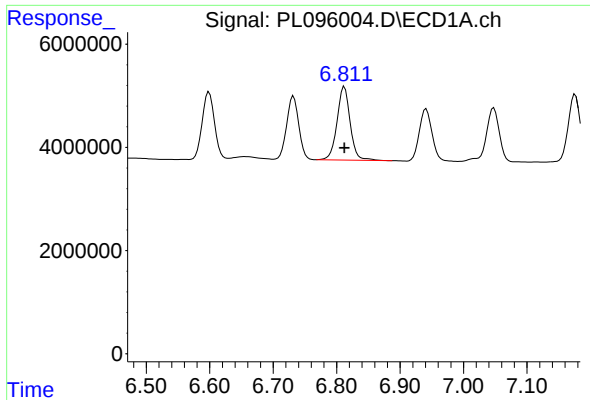
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 17121329
Conc: 5.41 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 24279283
Conc: 5.11 ng/ml



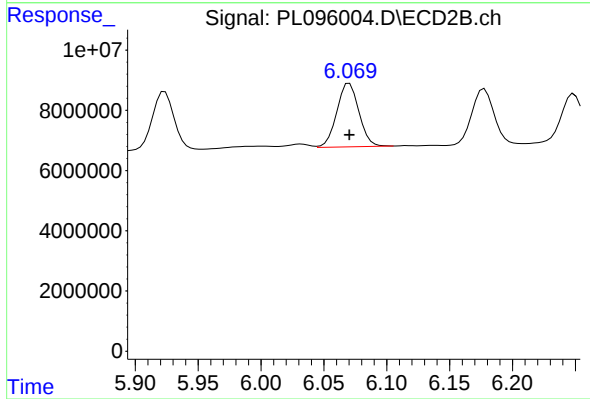
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 20497618
Conc: 5.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

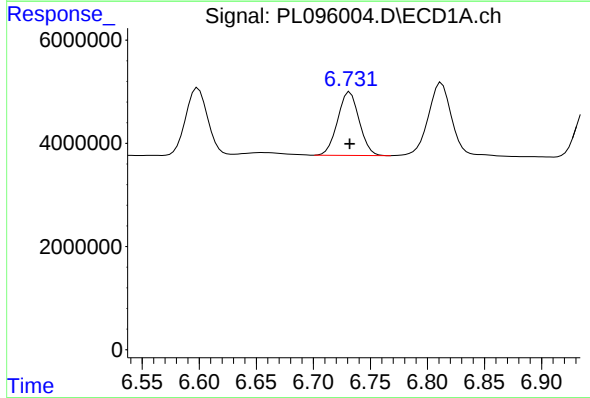
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



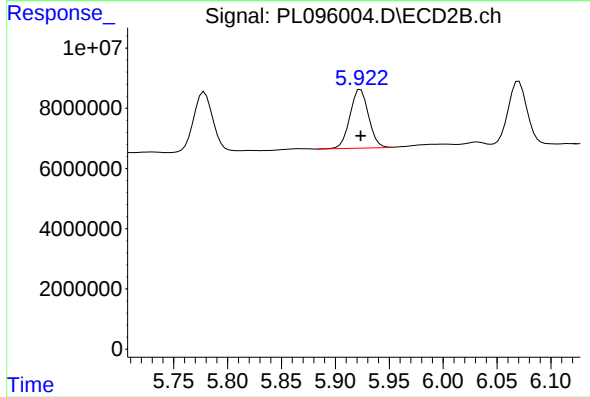
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 25786159
Conc: 5.24 ng/ml



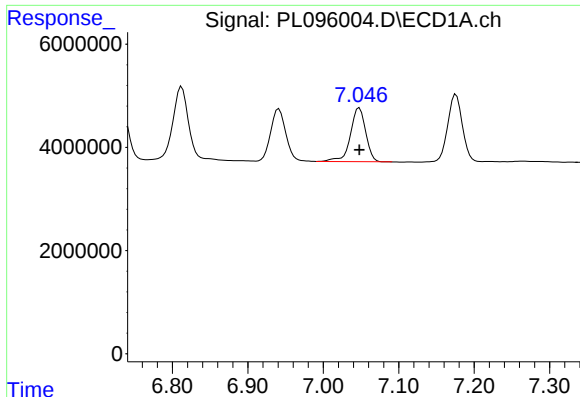
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 16175575
Conc: 5.38 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 23381728
Conc: 5.11 ng/ml



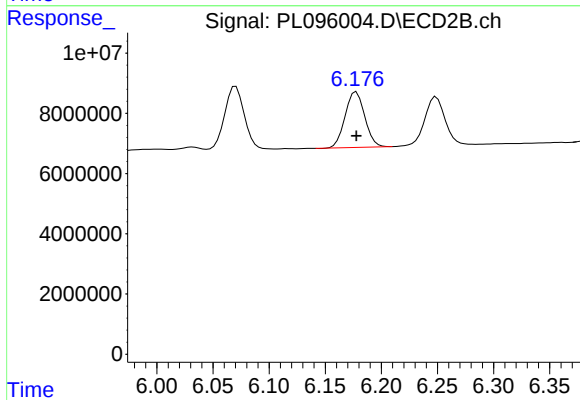
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 14698034
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

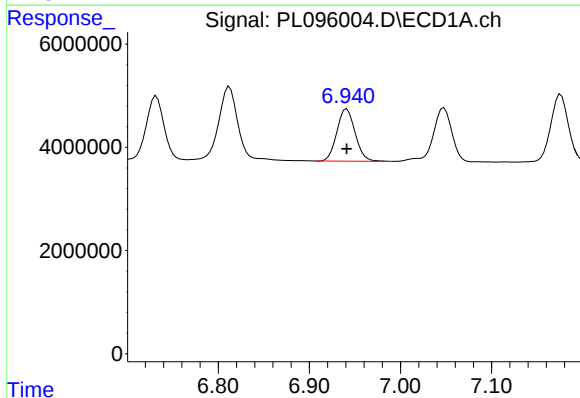
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



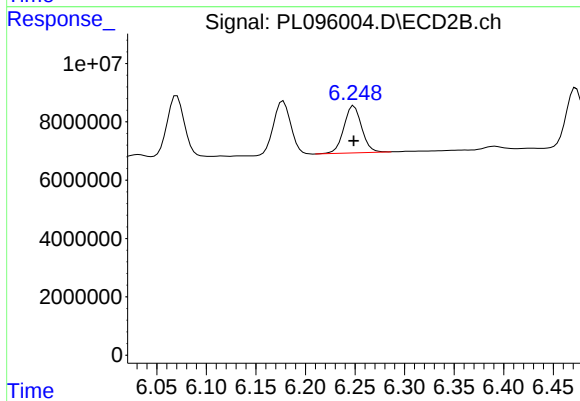
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 22490502
Conc: 4.77 ng/ml



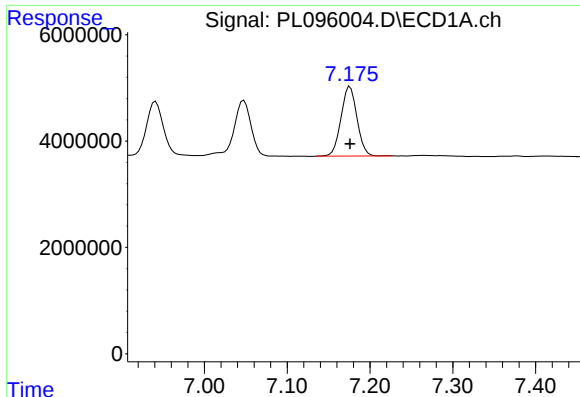
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 14081061
Conc: 5.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 20173507
Conc: 5.50 ng/ml



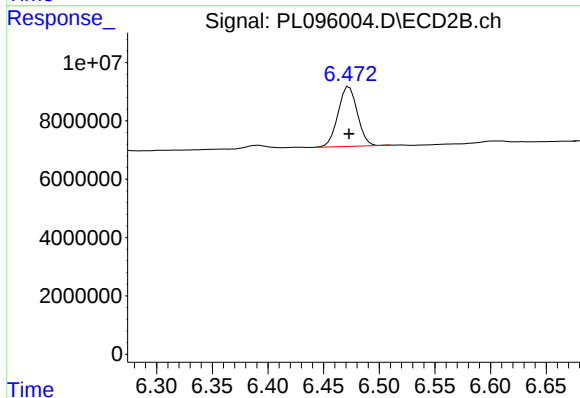
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 17499898
Conc: 5.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

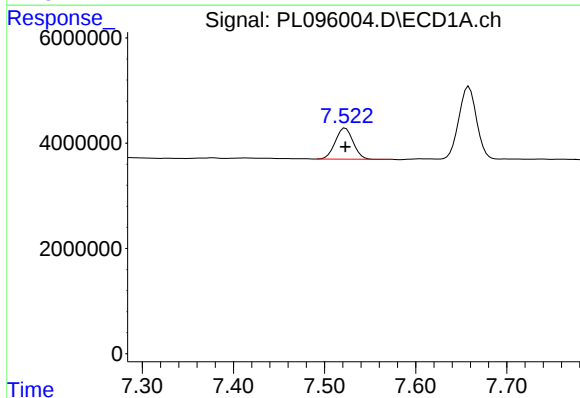
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



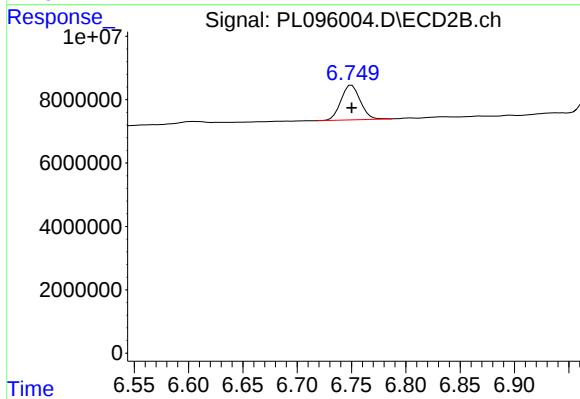
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 24819574
Conc: 5.29 ng/ml



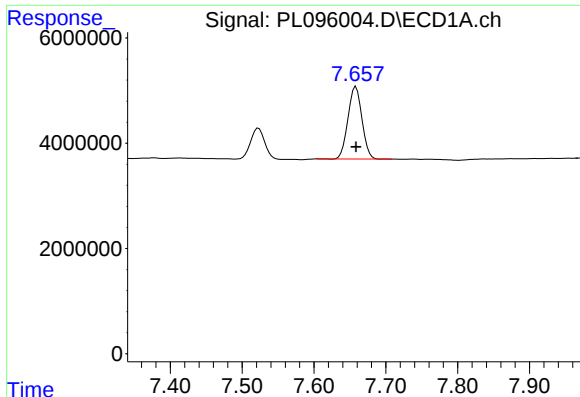
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 8036673
Conc: 5.61 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 13526845
Conc: 5.26 ng/ml



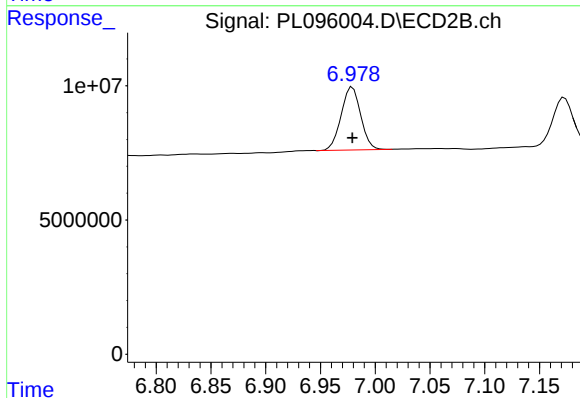
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 18618274
Conc: 5.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

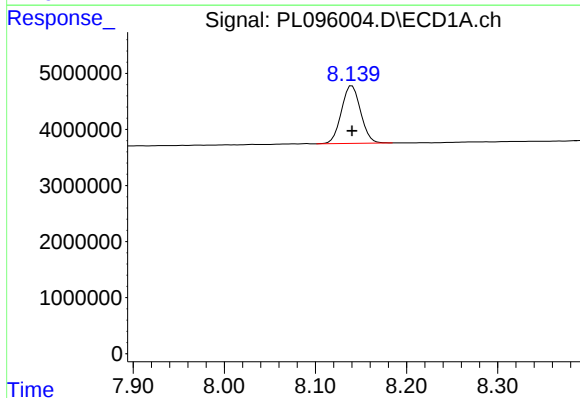
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



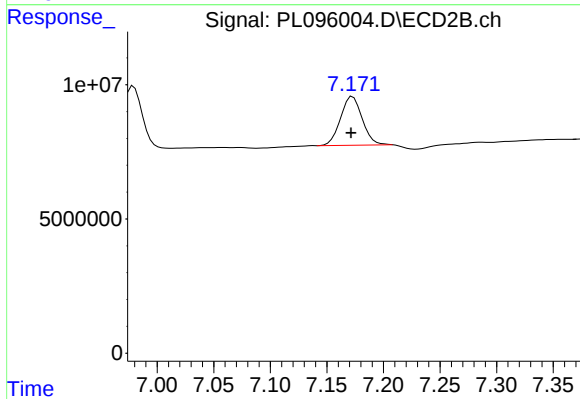
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 29133774
Conc: 5.27 ng/ml



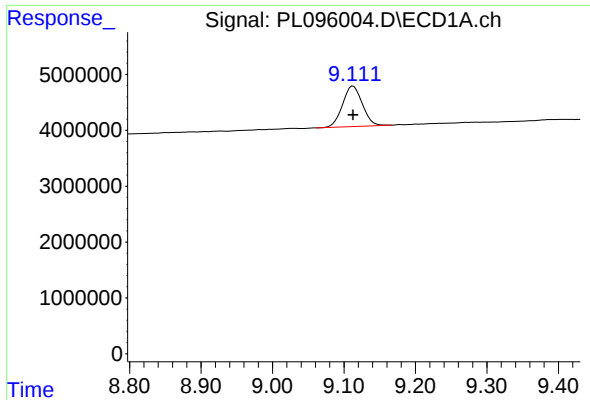
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 15076135
Conc: 5.98 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 24155479
Conc: 5.53 ng/ml m



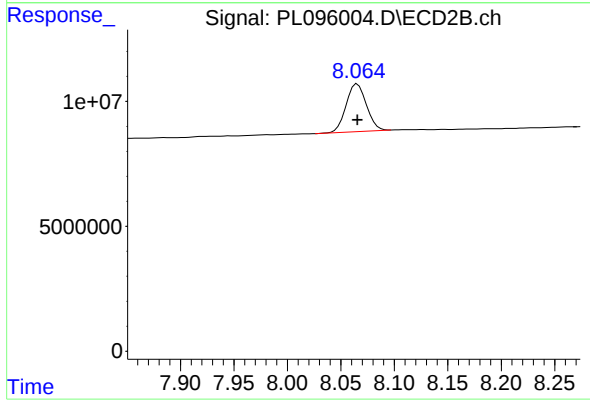
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 13913261
Conc: 5.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/16/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 25232054
Conc: 5.31 ng/ml