

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 15:39
 Operator : AR\AJ
 Sample : Q1585-01MSD 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-02-03142025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:16:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.541	2.768	6699592	9154153	2.367m	2.565m
28) SA Decachlor...	9.060	7.905	5681916	8197579	2.696m	2.029m
Target Compounds						
2) A alpha-BHC	3.997	3.271	19505236	22212485	4.697m	4.120
3) MA gamma-BHC...	4.330	3.600	21230365	23441042	5.321m	4.561m
4) MA Heptachlor	4.919	3.938	18412279	22135825	4.743	4.201m
5) MB Aldrin	5.259	4.219	18007042	23680586	4.877m	4.856
6) B beta-BHC	4.531	3.901	7483601	11211396	4.056m	5.047m
7) B delta-BHC	4.775	4.129	23876940	16628182	6.131m	3.324m#
8) B Heptachlo...	5.687	4.721	14563400	21677128	4.354m	4.734m
9) A Endosulfan I	6.073	5.093	13955218	13592764	4.545	3.097m#
10) B gamma-Chl...	5.944	4.971	23524501	20651168	6.982	4.277m#
11) B alpha-Chl...	6.023	5.035	17912153	20244486	5.433	4.242m
12) B 4,4'-DDE	6.197	5.224	10170410	19131315	3.457	4.116m
13) MA Dieldrin	6.349	5.356	15581849	21859415	4.872	4.505m
14) MA Endrin	6.577	5.631	13784149	24744370	4.973m	5.671m
15) B Endosulfa...	6.799	5.926	13338510	19635721	4.913	4.537m
16) A 4,4'-DDD	6.713	5.780	12642362	17639623	5.837m	4.905
17) MA 4,4'-DDT	7.029	6.030	12092314	15258370	5.084	3.784 #
18) B Endrin al...	6.930	6.105	10666951	12375340	5.053	3.677m#
19) B Endosulfa...	7.164	6.330	12076254	15056544	4.966	3.696 #
20) A Methoxychlor	7.505	6.606	5673563	6922873	4.740	3.264 #
21) B Endrin ke...	7.648	6.835	13660453	21203898	5.168m	4.443
22) Mirex	8.120	7.014	12466173	13744793	6.033m	3.622m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094715.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 15:39
Operator : AR\AJ
Sample : Q1585-01MSD 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

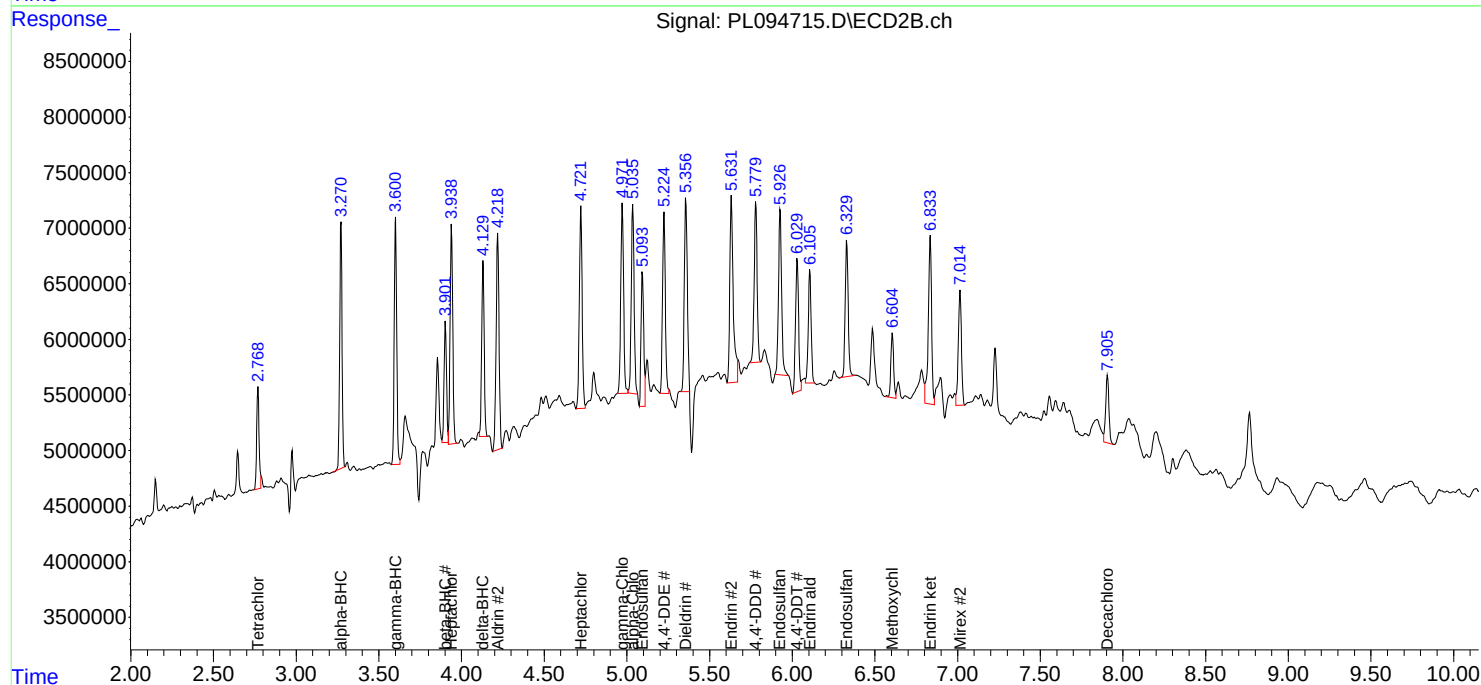
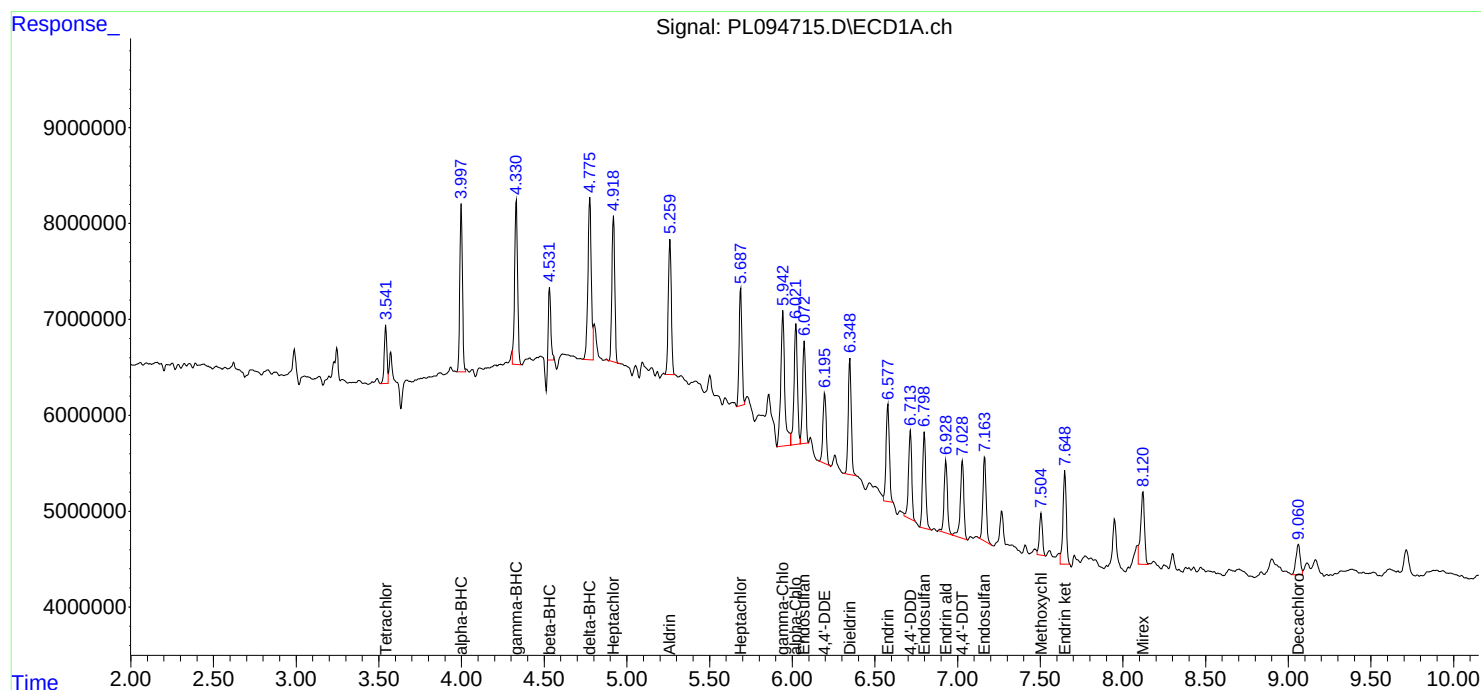
Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

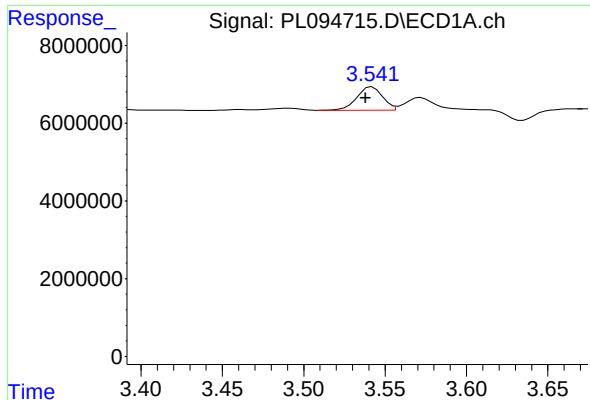
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:16:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





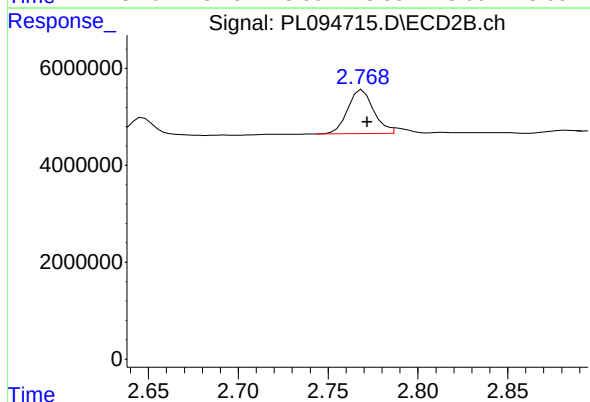
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 6699592
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

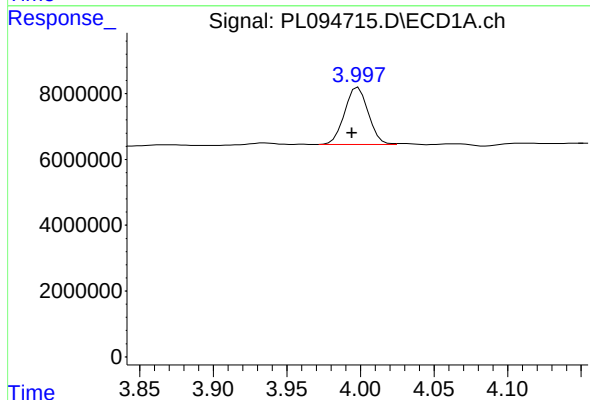
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



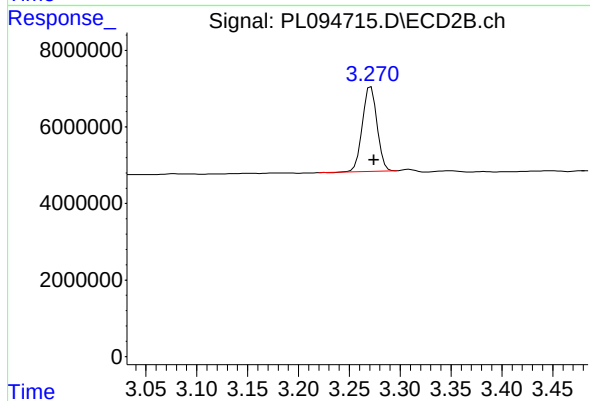
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 9154153
Conc: 2.56 ng/ml m



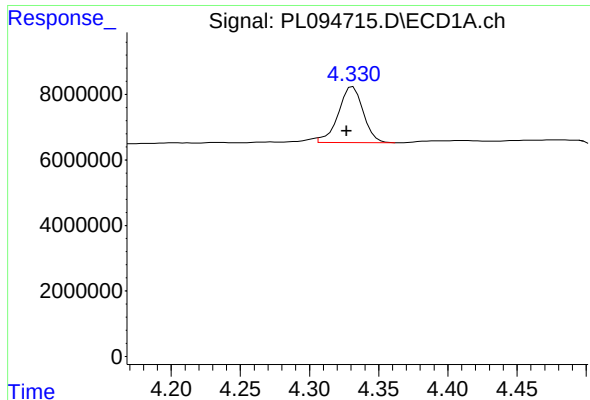
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 19505236
Conc: 4.70 ng/ml m



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 22212485
Conc: 4.12 ng/ml



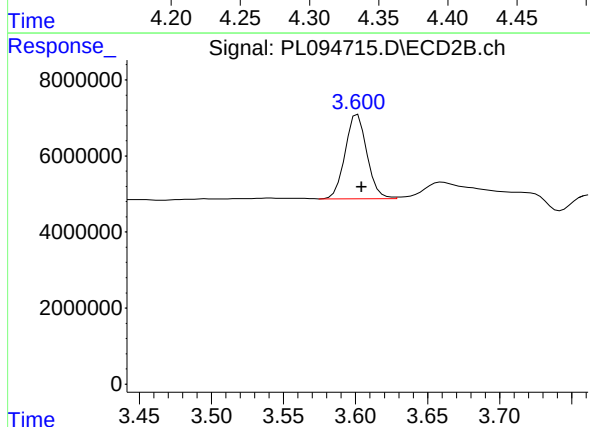
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 21230365
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

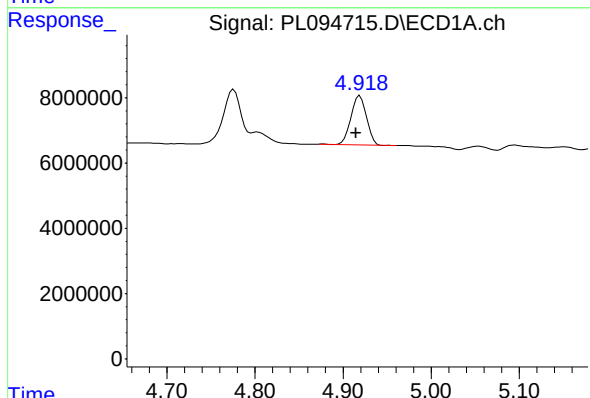
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



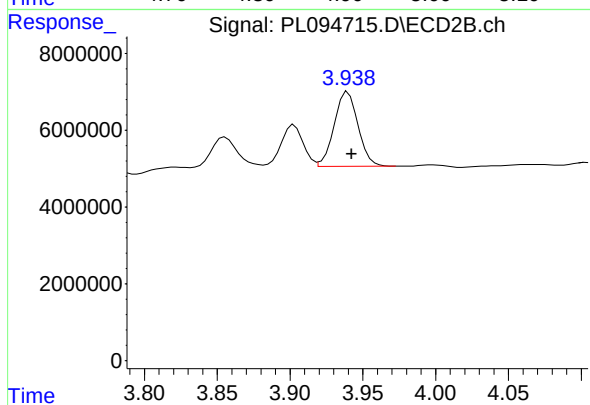
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 23441042
Conc: 4.56 ng/ml m



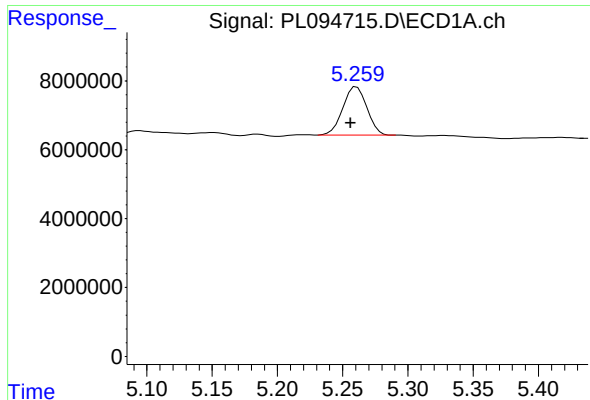
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.005 min
Response: 18412279
Conc: 4.74 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 22135825
Conc: 4.20 ng/ml m



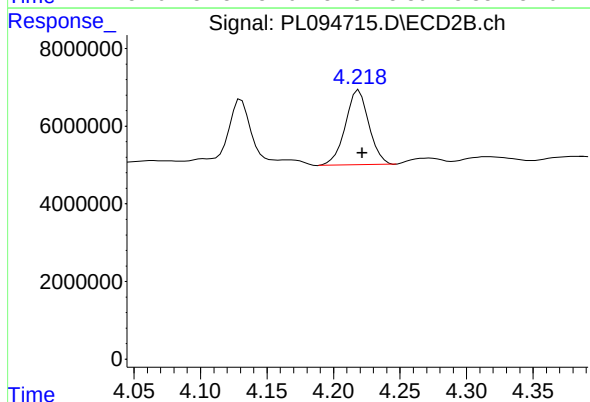
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 18007042
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

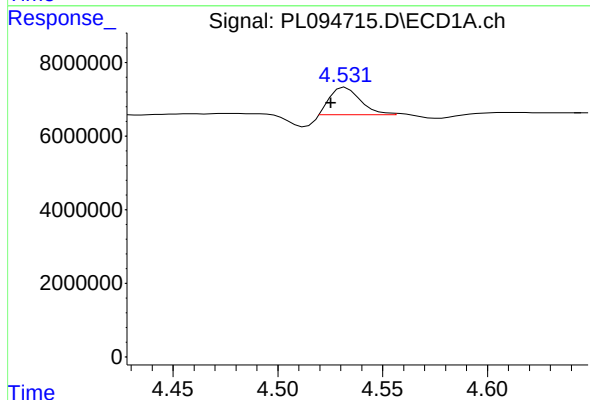
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



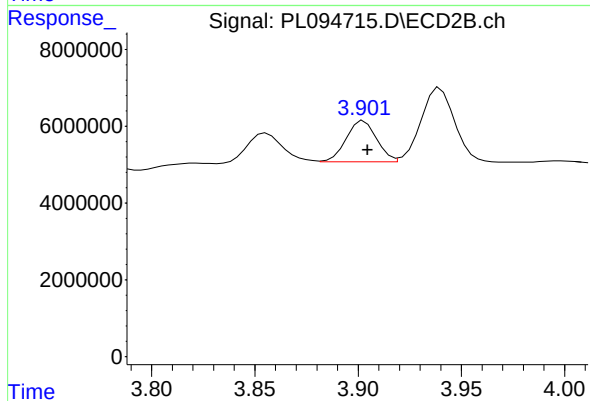
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 23680586
Conc: 4.86 ng/ml



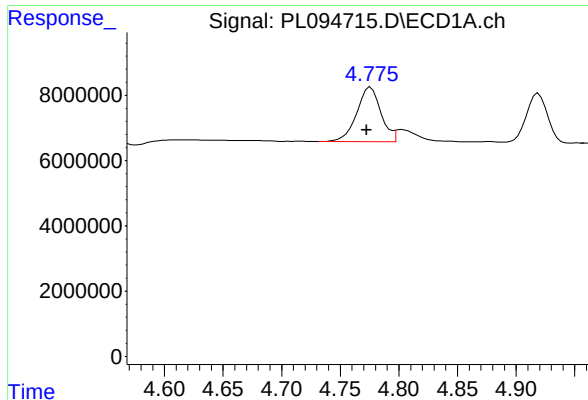
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 7483601
Conc: 4.06 ng/ml m



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 11211396
Conc: 5.05 ng/ml m



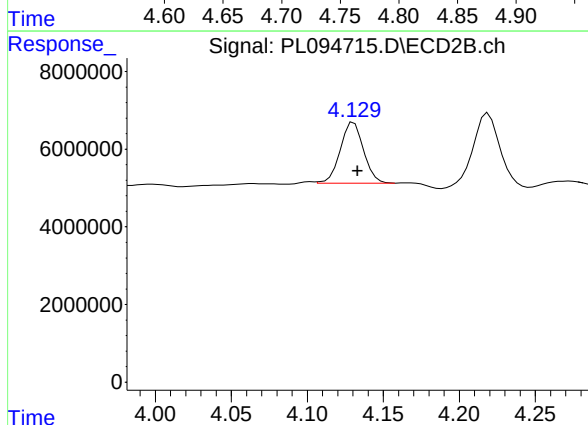
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 23876940
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

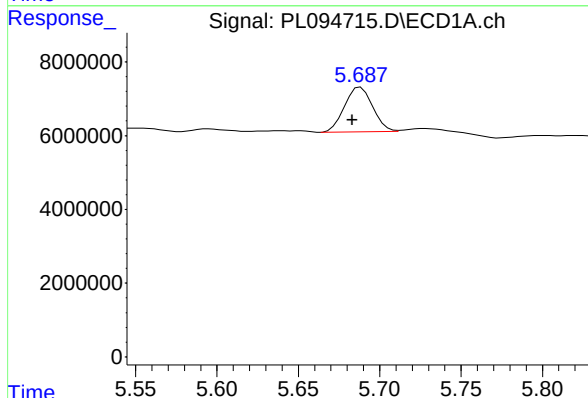
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



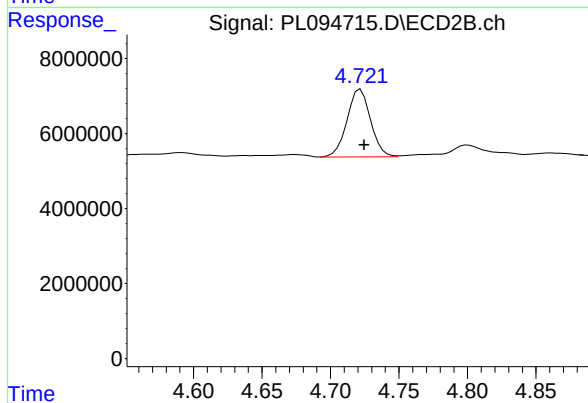
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 16628182
Conc: 3.32 ng/ml m



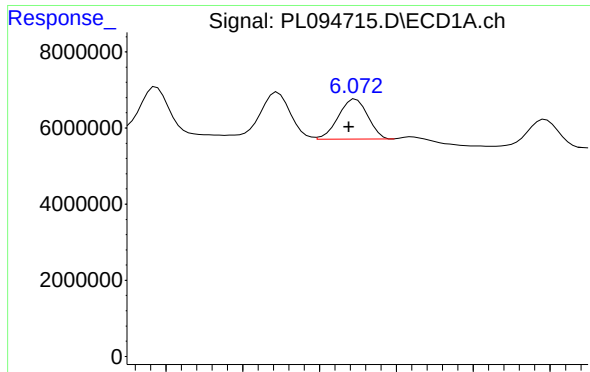
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 14563400
Conc: 4.35 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 21677128
Conc: 4.73 ng/ml m



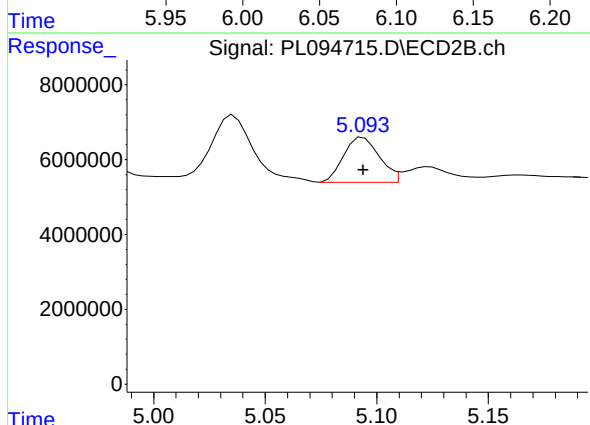
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 13955218
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

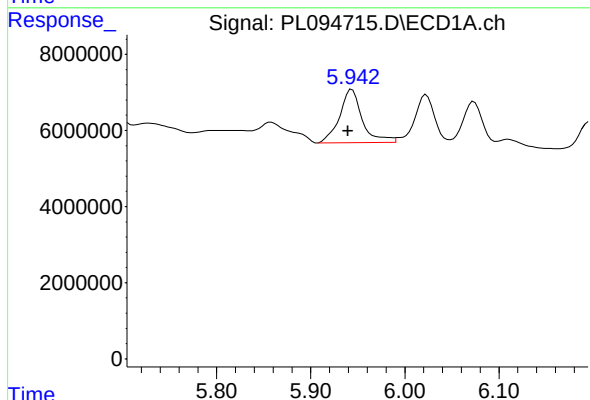
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



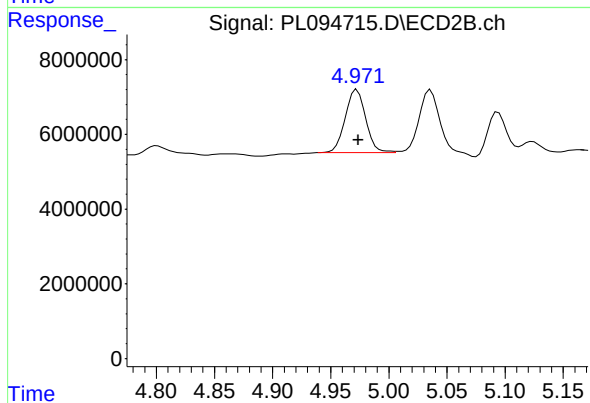
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 13592764
Conc: 3.10 ng/ml m



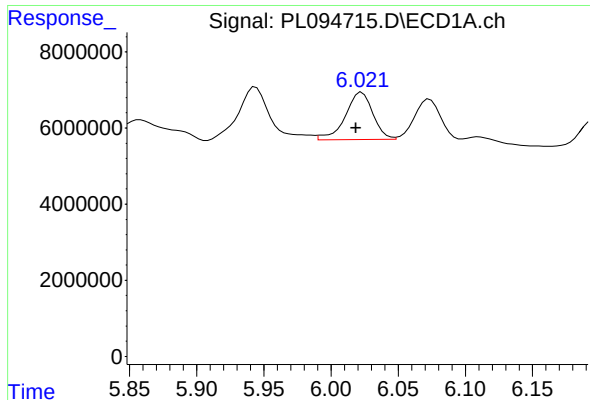
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.004 min
Response: 23524501
Conc: 6.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 20651168
Conc: 4.28 ng/ml m



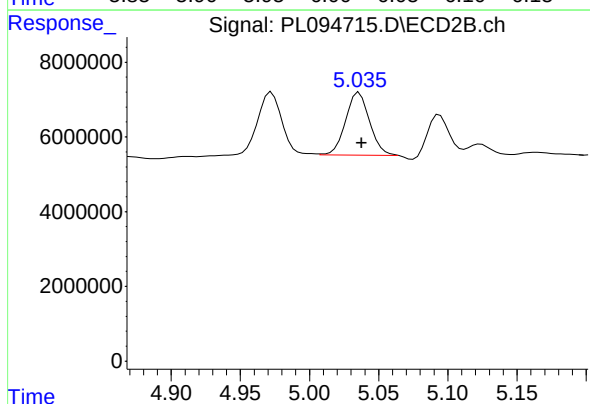
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.004 min
Response: 17912153
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

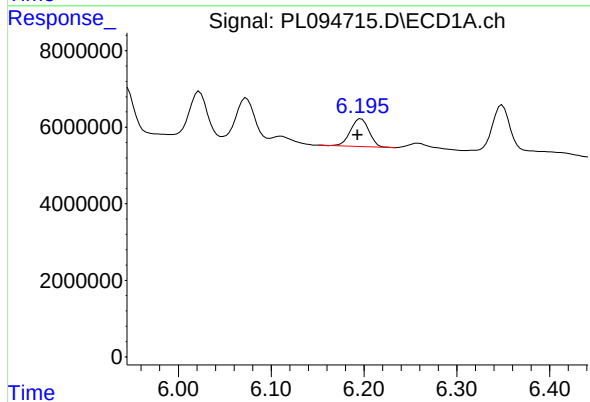
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



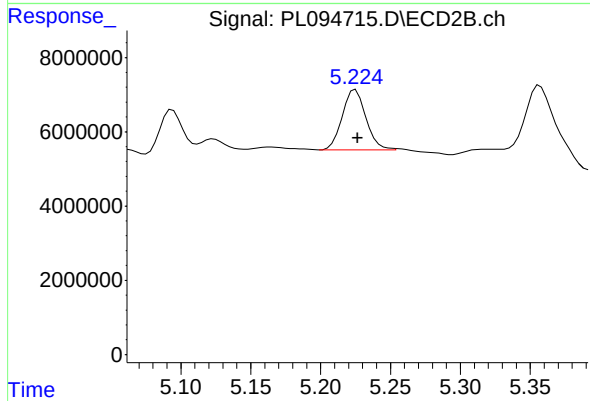
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 20244486
Conc: 4.24 ng/ml m



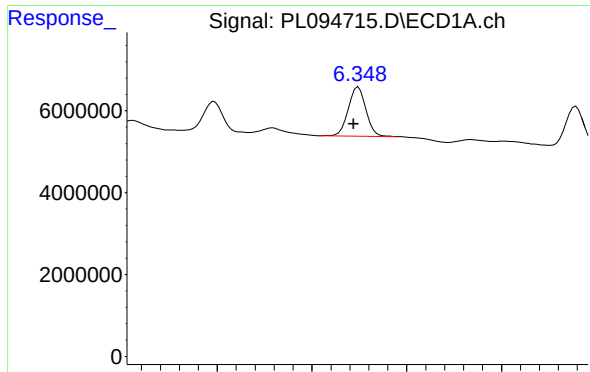
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 10170410
Conc: 3.46 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 19131315
Conc: 4.12 ng/ml m



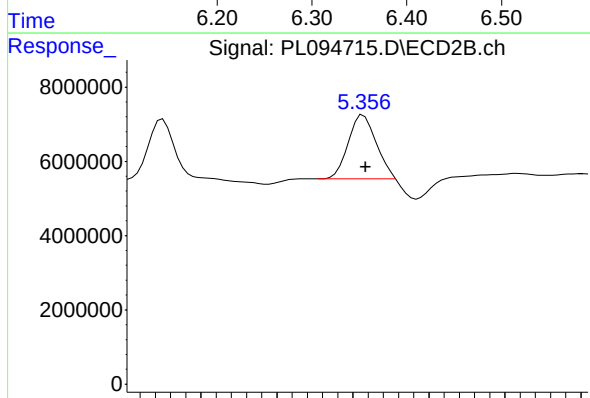
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.005 min
Response: 15581849
Conc: 4.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

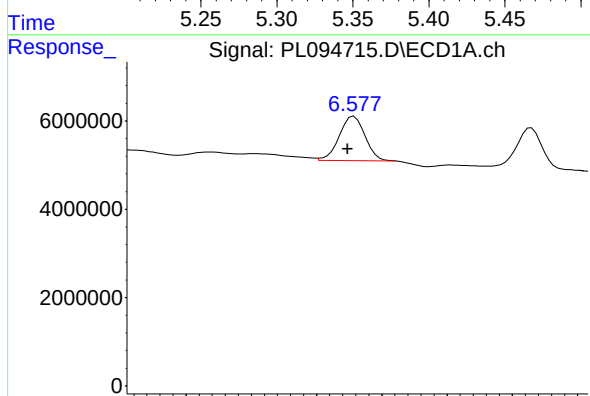
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



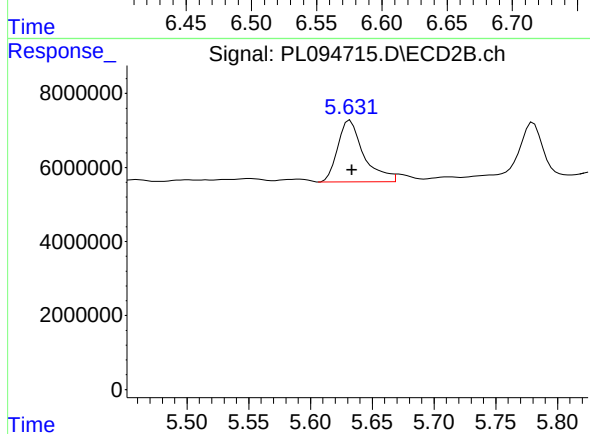
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 21859415
Conc: 4.51 ng/ml m



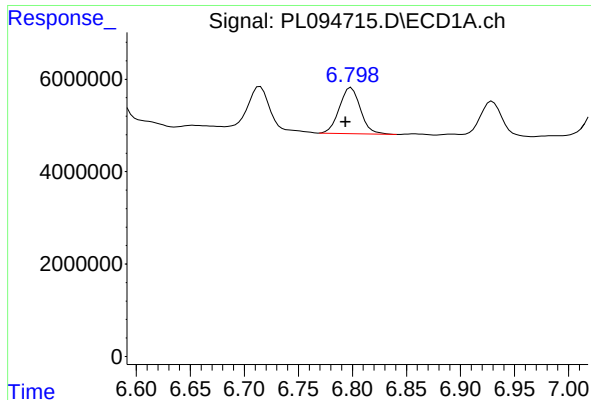
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.004 min
Response: 13784149
Conc: 4.97 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 24744370
Conc: 5.67 ng/ml m



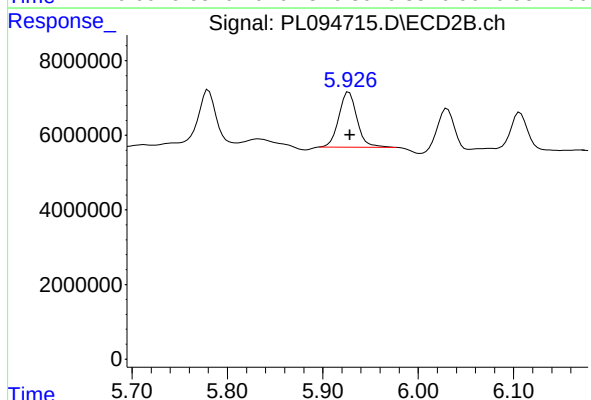
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 13338510
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

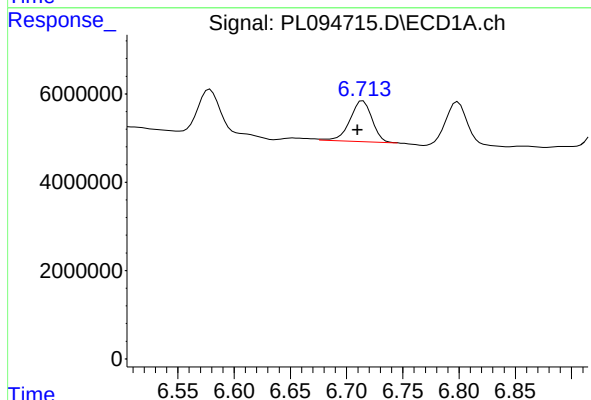
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



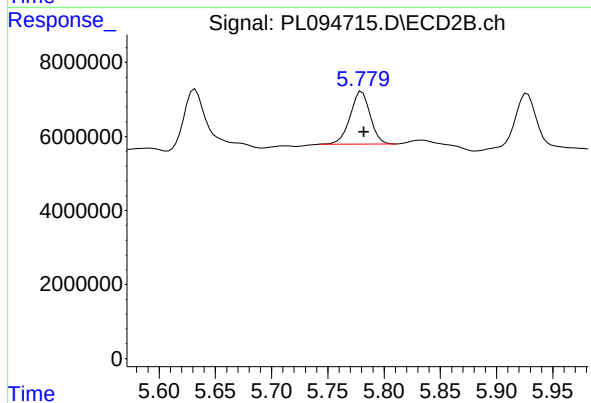
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 19635721
Conc: 4.54 ng/ml m



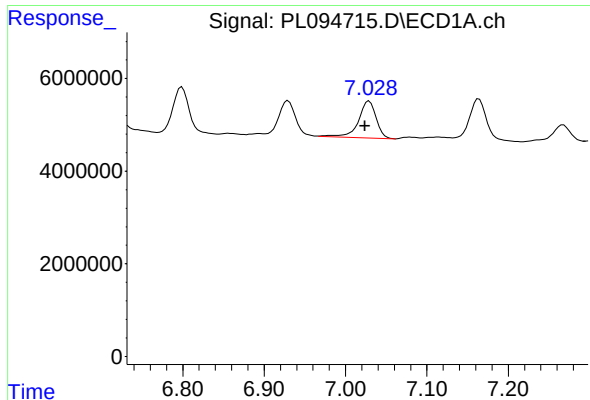
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 12642362
Conc: 5.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 17639623
Conc: 4.91 ng/ml



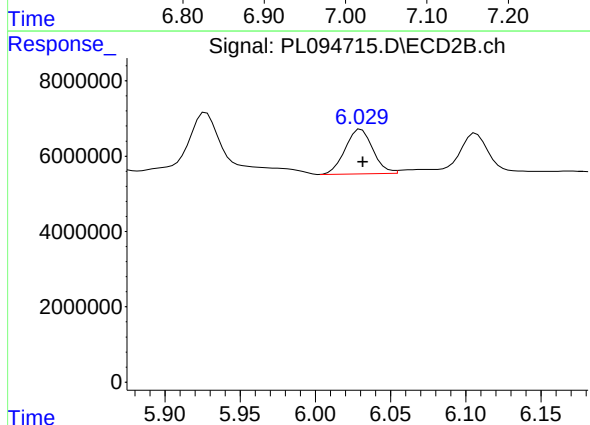
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.005 min
Response: 12092314
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

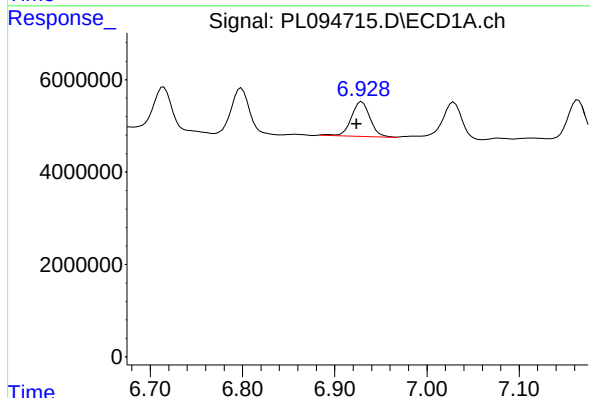
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



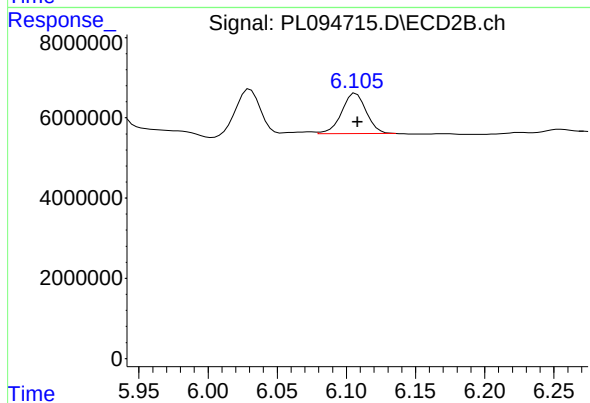
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 15258370
Conc: 3.78 ng/ml



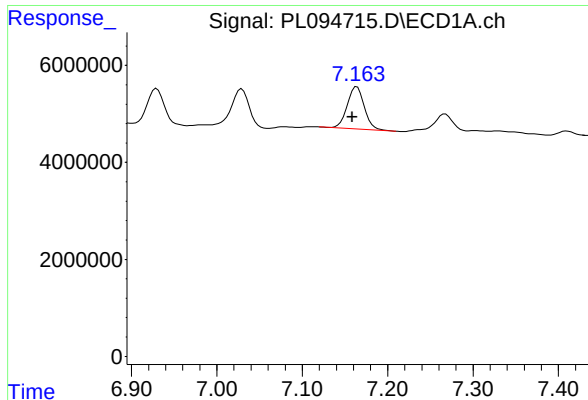
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.006 min
Response: 10666951
Conc: 5.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 12375340
Conc: 3.68 ng/ml m



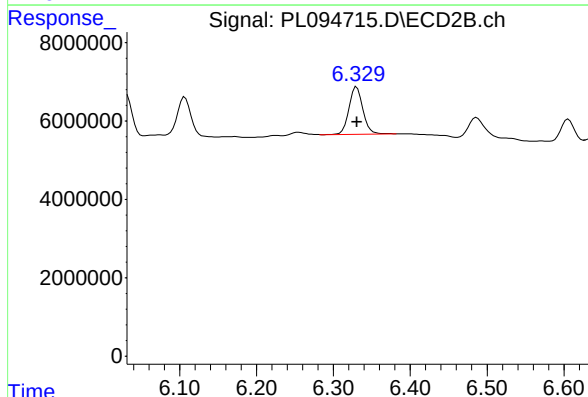
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.005 min
Response: 12076254
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

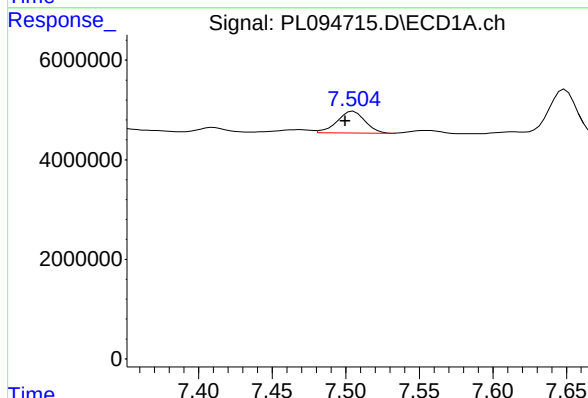
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



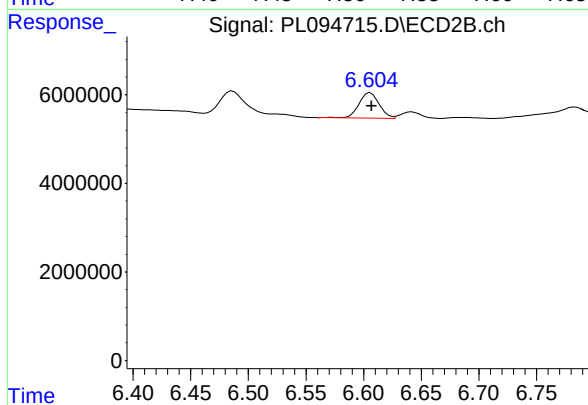
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 15056544
Conc: 3.70 ng/ml



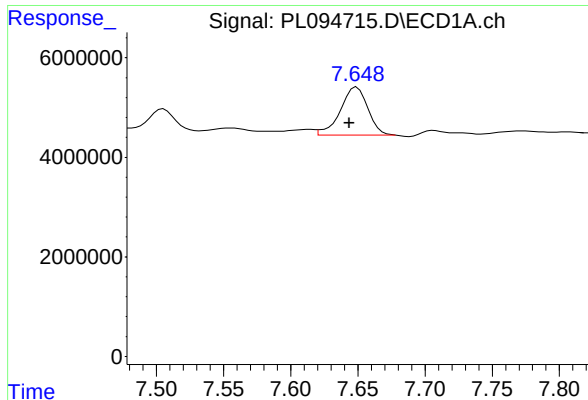
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 5673563
Conc: 4.74 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 6922873
Conc: 3.26 ng/ml



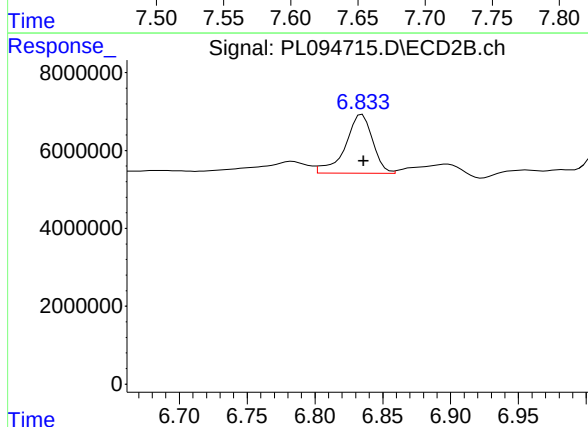
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.004 min
Response: 13660453
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

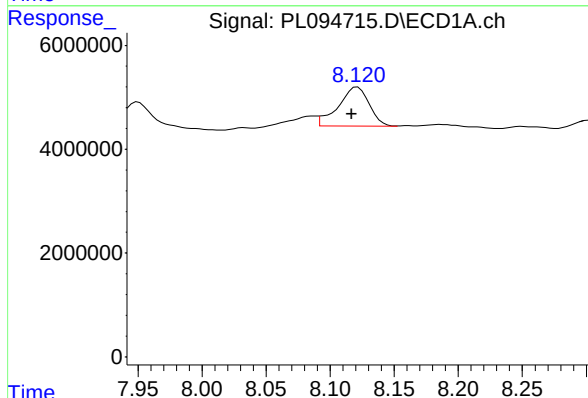
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



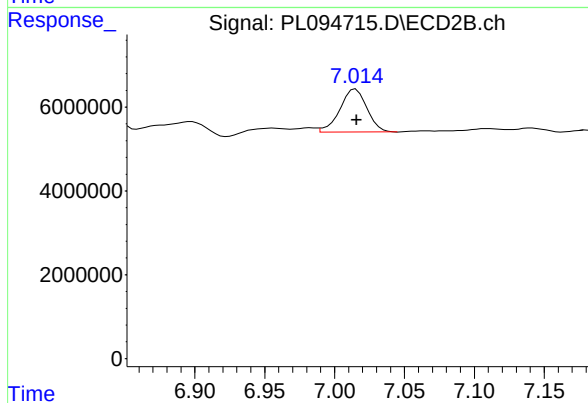
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 21203898
Conc: 4.44 ng/ml



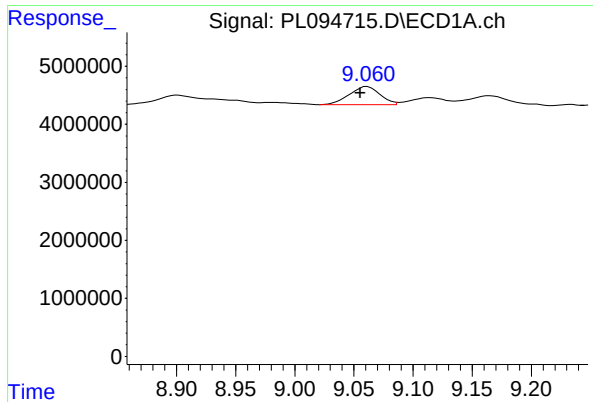
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.003 min
Response: 12466173
Conc: 6.03 ng/ml m



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 13744793
Conc: 3.62 ng/ml m



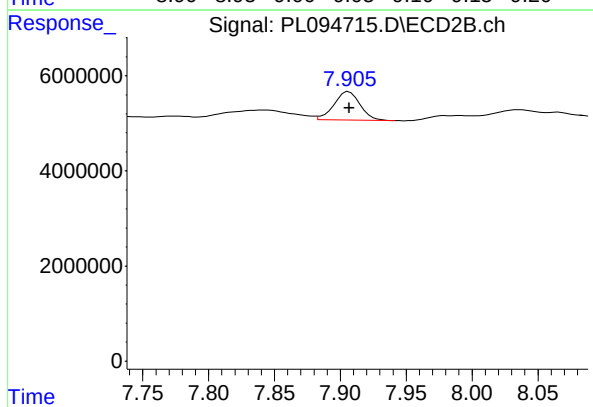
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.004 min
Response: 5681916
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 8197579
Conc: 2.03 ng/ml m