

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
 Data File : PL092783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2024 22:02
 Operator : AR\AJ
 Sample : P4640-01MSD 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:07:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.779	5284908	5137012	2.157m	1.888
28) SA Decachlor...	9.058	7.918	3169242	3902936	1.647m	1.430m
Target Compounds						
2) A alpha-BHC	3.998	3.281	17545509	16164607	5.173	4.051
3) MA gamma-BHC...	4.330	3.610	17019883	16678903	5.222	4.322m
4) MA Heptachlor	4.919	3.951	16742596	17378318	5.575	4.605
5) MB Aldrin	5.259	4.231	16935577	17384499	5.642m	4.750
6) B beta-BHC	4.527	3.912	8376981	9300735	5.795m	5.650
7) B delta-BHC	4.772	4.140	10042003	5321820	3.208	1.385 #
8) B Heptachlo...	5.687	4.732	17293159	16302308	6.262	4.879m
9) A Endosulfan I	6.071	5.102	13941851	13677308	5.574m	4.480m
10) B gamma-Chl...	5.943	4.983	17289169	18005852	6.498	5.356
11) B alpha-Chl...	6.021	5.047	15709004	17002313	5.932m	5.112
12) B 4,4'-DDE	6.196	5.236	13757846	17163043	5.807	5.327
13) MA Dieldrin	6.345	5.368	15064148	17190680	5.716m	5.146
14) MA Endrin	6.576	5.642	12401417	14996445	5.447m	5.184m
15) B Endosulfa...	6.796	5.938	12919603	14013534	5.420m	4.946
16) A 4,4'-DDD	6.712	5.789	14380445	14372626	7.492	5.772m
17) MA 4,4'-DDT	7.025	6.040	10580711	10871777	5.112m	4.053m
18) B Endrin al...	6.927	6.117	8881243	8935284	4.729	3.873
19) B Endosulfa...	7.161	6.341	10347236	10063502	4.768m	3.732
20) A Methoxychlor	7.502	6.617	5534342	6004270	4.855m	4.205
21) B Endrin ke...	7.646	6.844	13529671	12903938	5.584m	4.205m
22) Mirex	8.121	7.027	10692242	12507845	5.395	4.794

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
Data File : PL092783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2024 22:02
Operator : AR\AJ
Sample : P4640-01MSD 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

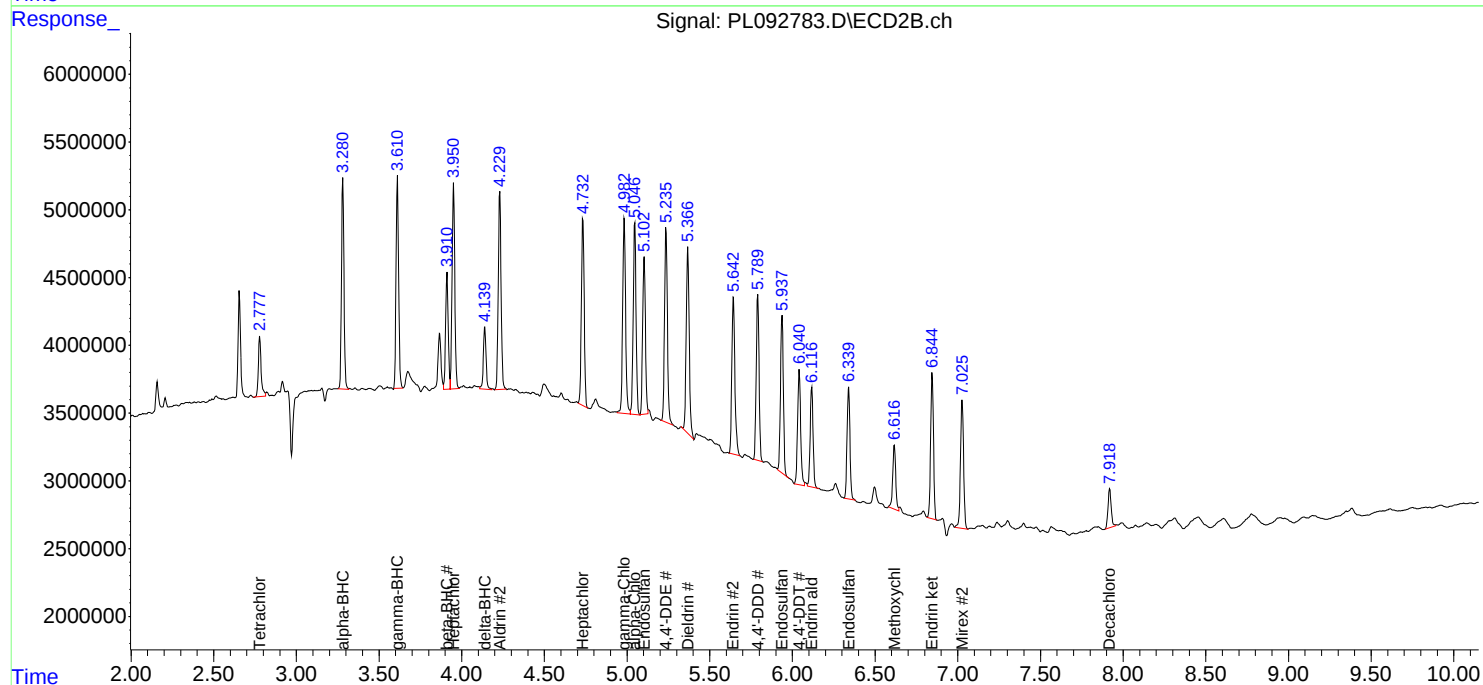
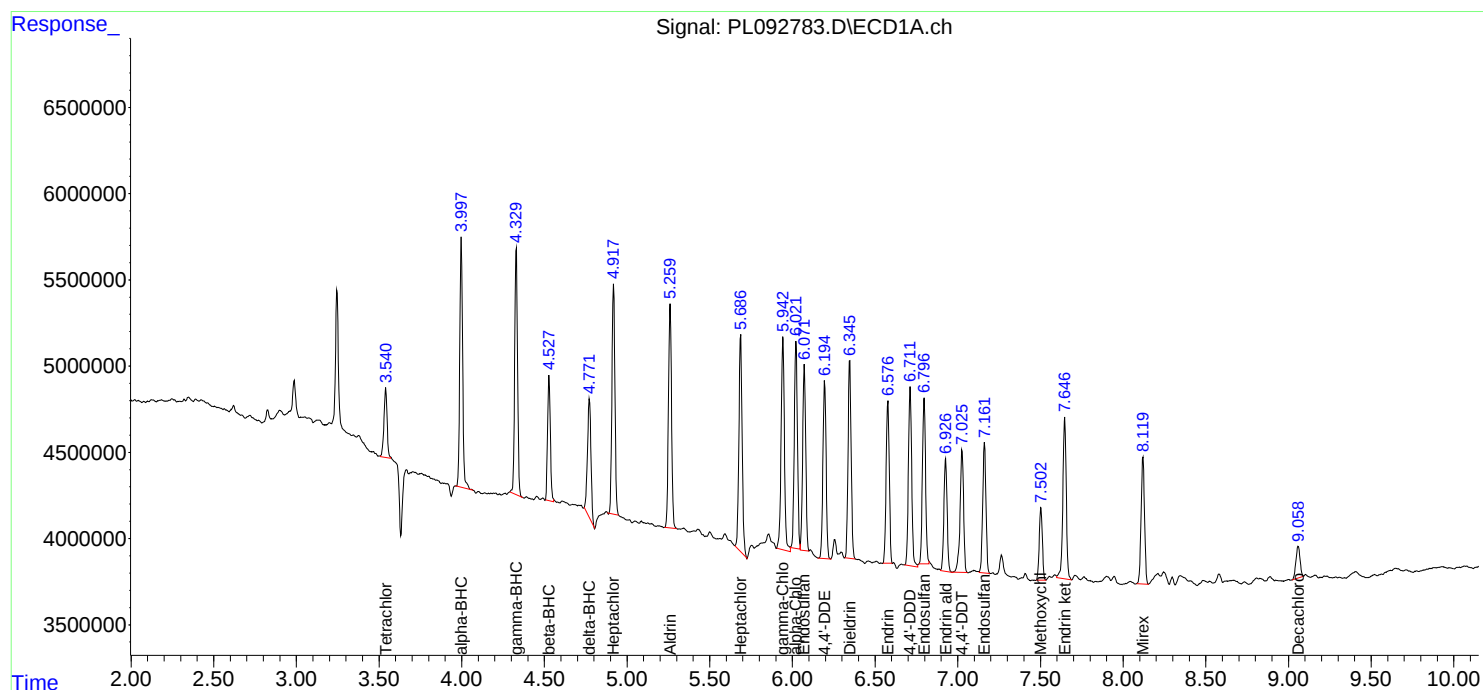
Instrument :
ECD_L
ClientSampleId :
MH-3MSD

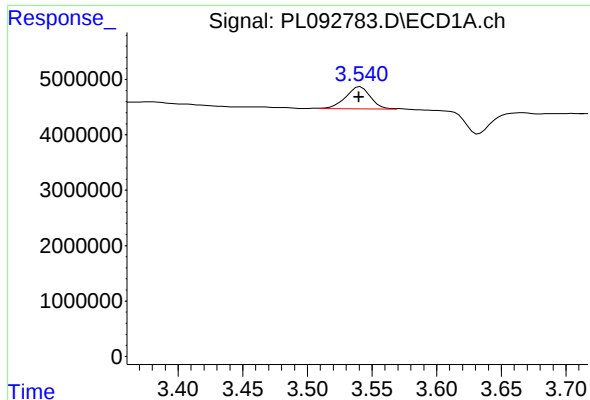
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:07:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





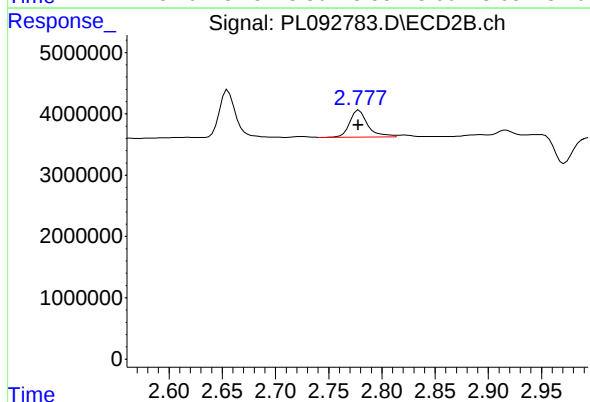
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 5284908
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

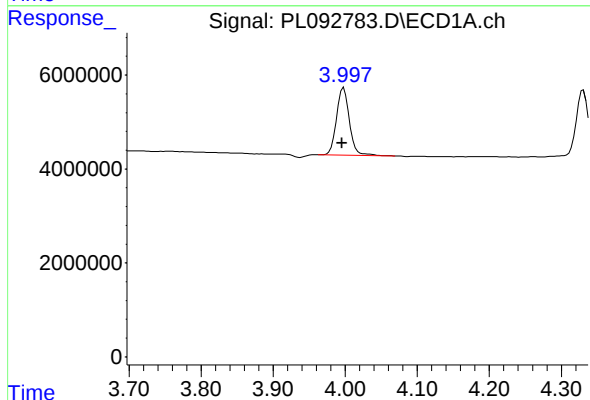
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



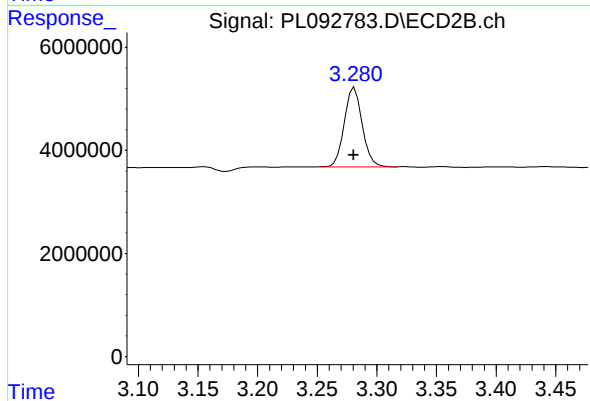
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.000 min
Response: 5137012
Conc: 1.89 ng/ml



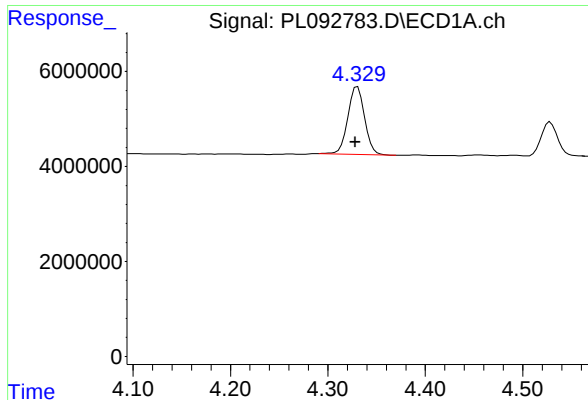
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 17545509
Conc: 5.17 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 16164607
Conc: 4.05 ng/ml



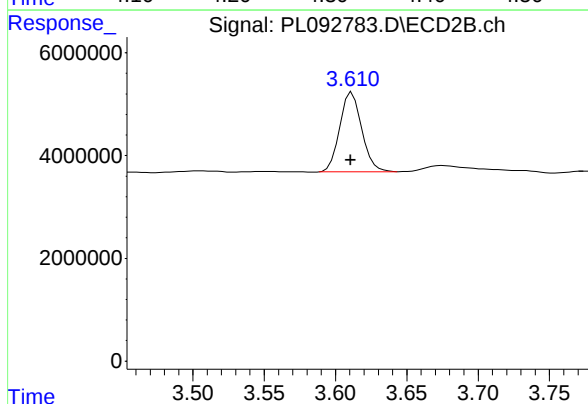
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 17019883
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

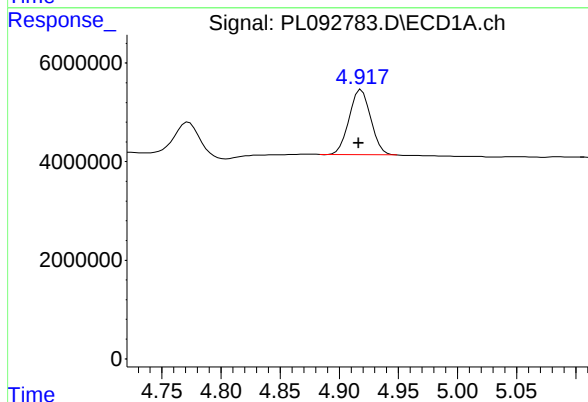
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



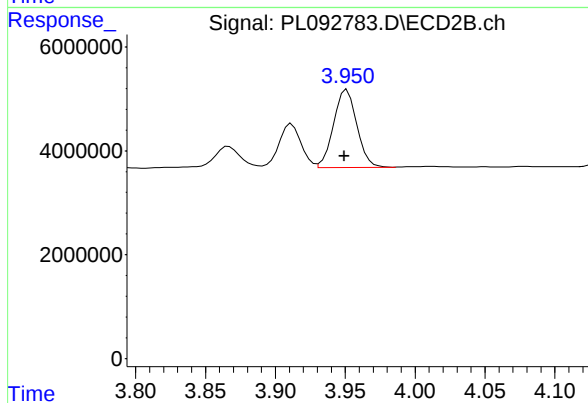
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 16678903
Conc: 4.32 ng/ml m



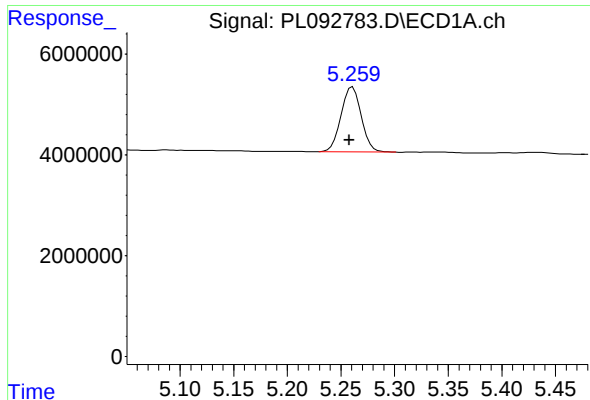
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 16742596
Conc: 5.58 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.002 min
Response: 17378318
Conc: 4.60 ng/ml



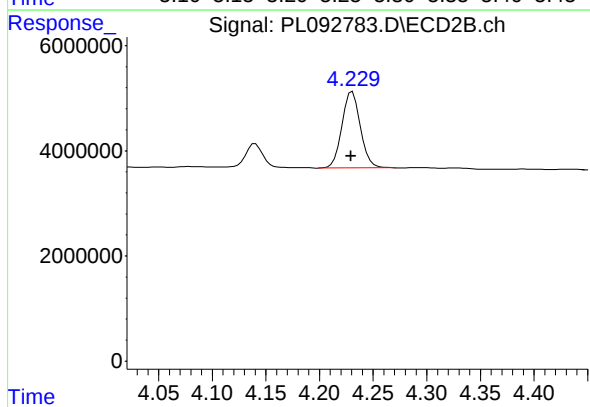
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 16935577
Conc: 5.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

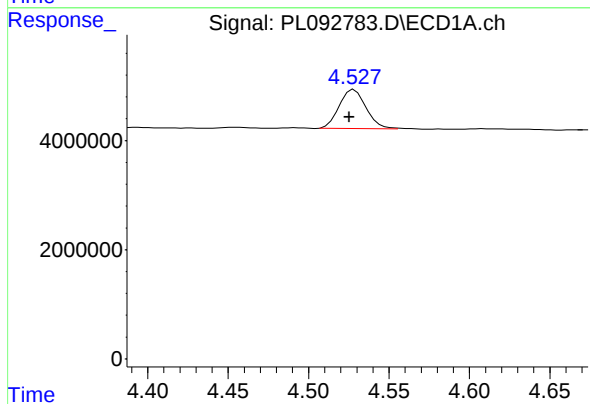
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



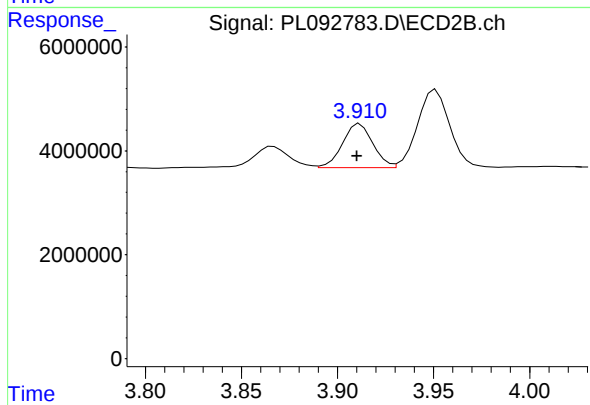
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.001 min
Response: 17384499
Conc: 4.75 ng/ml



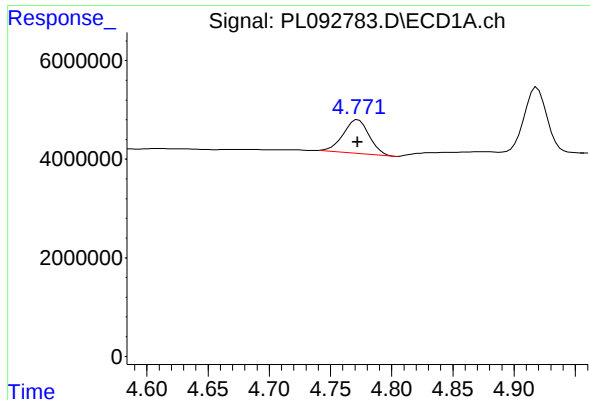
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 8376981
Conc: 5.80 ng/ml m



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: 0.002 min
Response: 9300735
Conc: 5.65 ng/ml



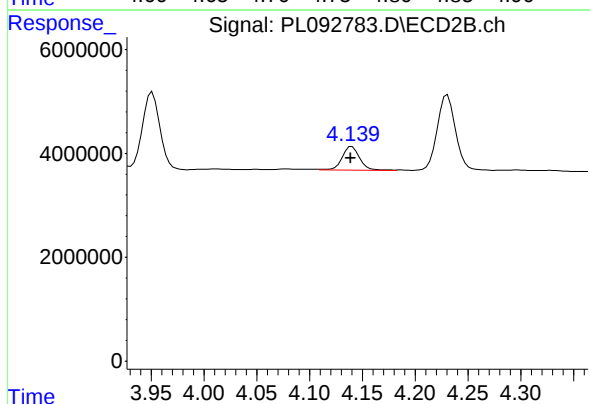
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 10042003
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

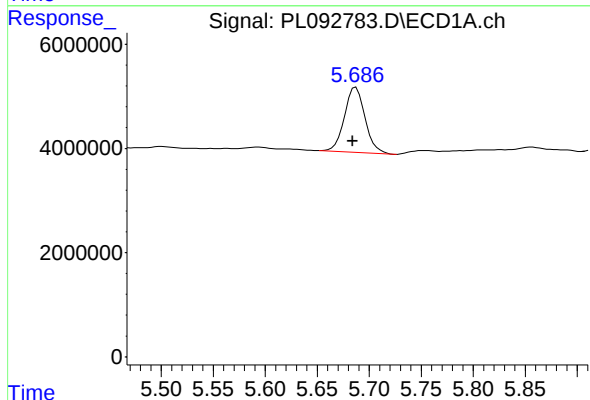
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



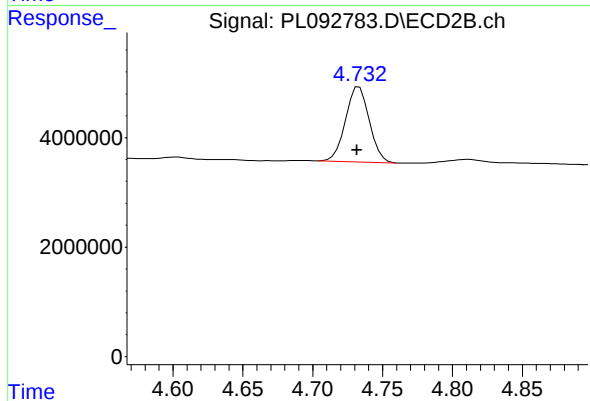
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.001 min
Response: 5321820
Conc: 1.38 ng/ml



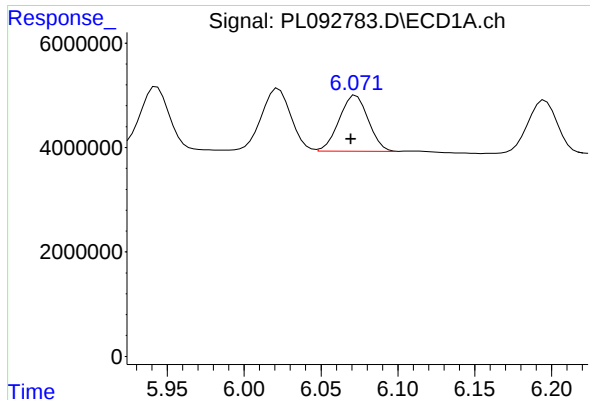
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 17293159
Conc: 6.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 16302308
Conc: 4.88 ng/ml m



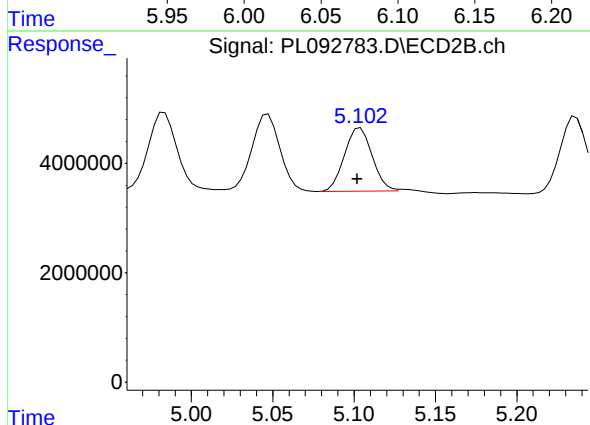
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 13941851
Conc: 5.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

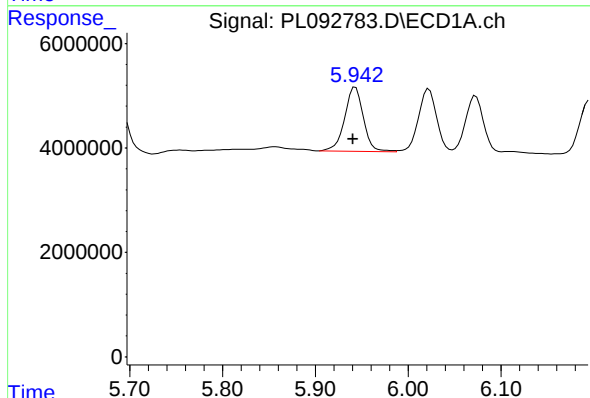
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



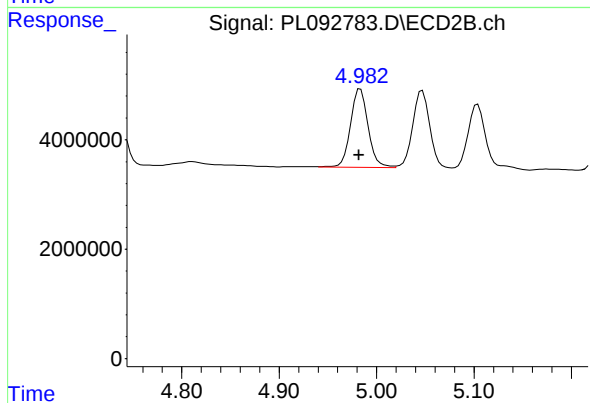
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 13677308
Conc: 4.48 ng/ml



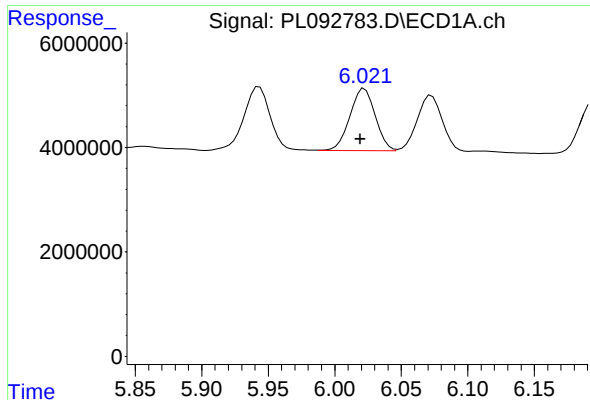
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 17289169
Conc: 6.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 18005852
Conc: 5.36 ng/ml



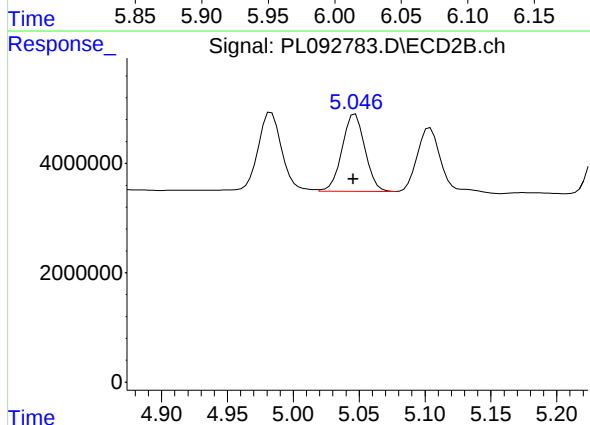
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 15709004
Conc: 5.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

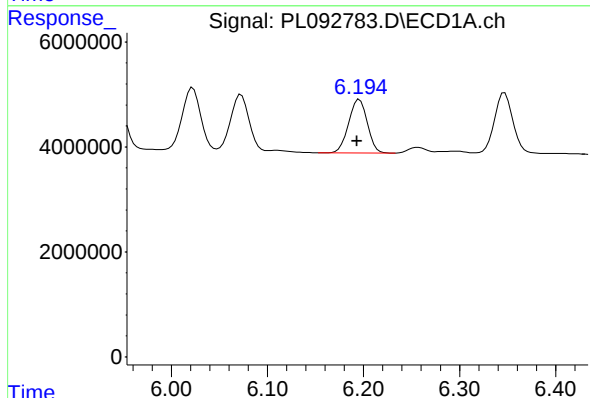
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



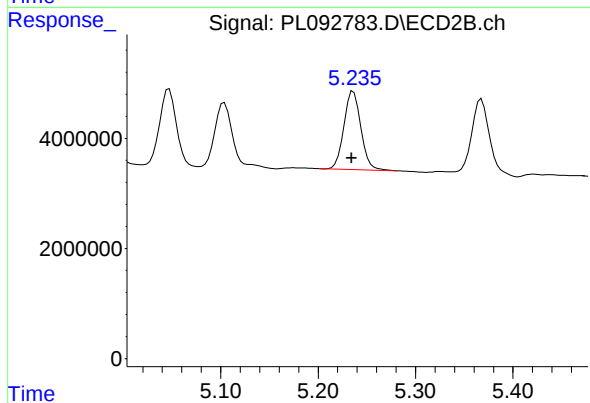
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 17002313
Conc: 5.11 ng/ml



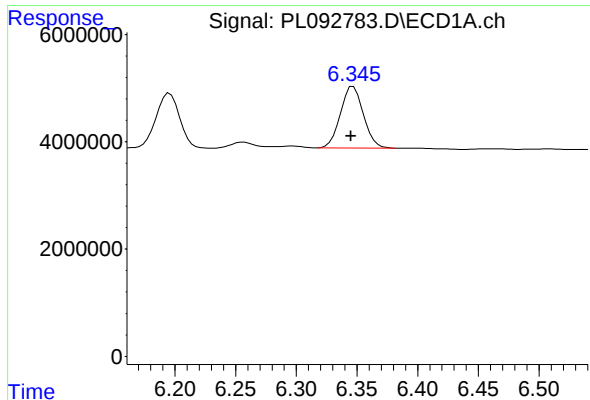
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 13757846
Conc: 5.81 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 17163043
Conc: 5.33 ng/ml



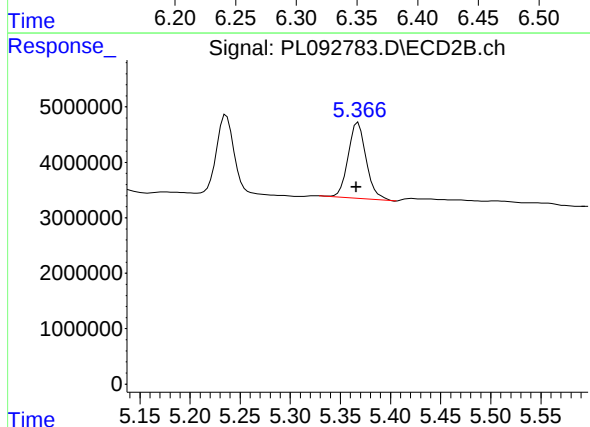
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 15064148
Conc: 5.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

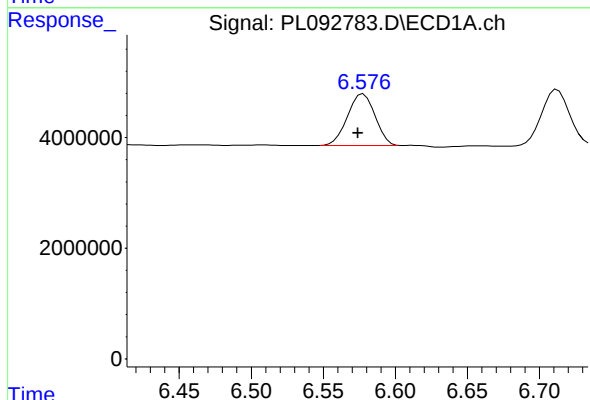
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



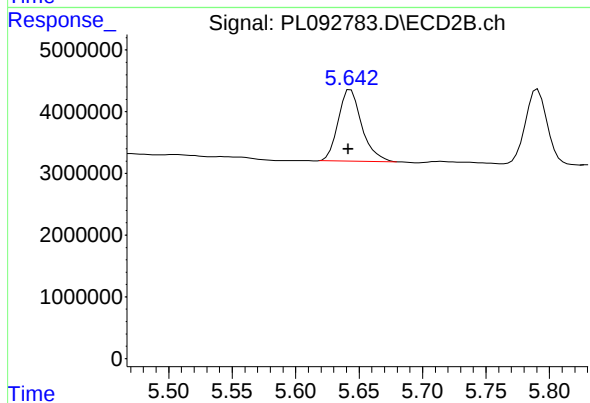
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 17190680
Conc: 5.15 ng/ml



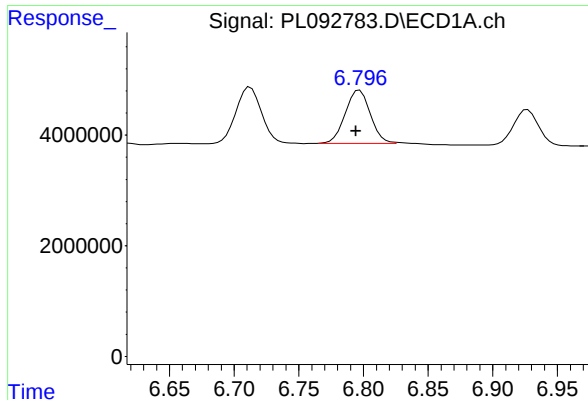
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 12401417
Conc: 5.45 ng/ml m



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 14996445
Conc: 5.18 ng/ml m



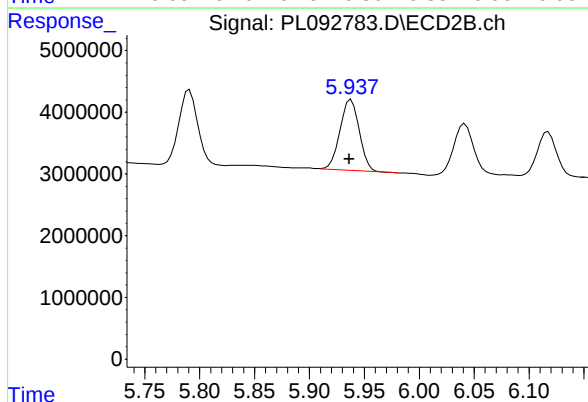
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 12919603
Conc: 5.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

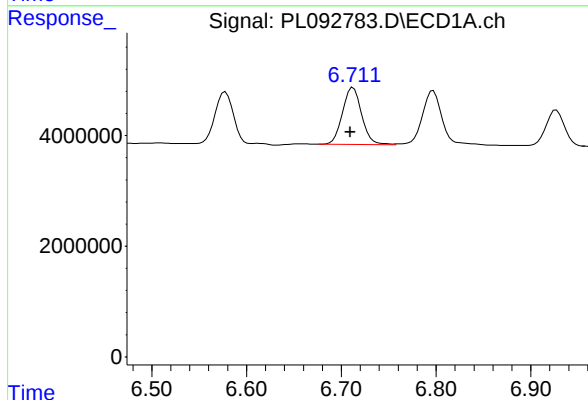
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



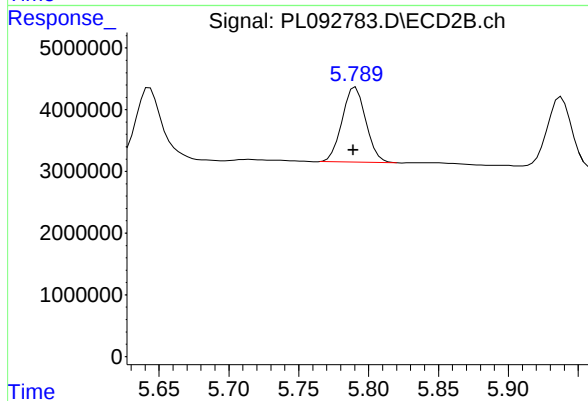
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 14013534
Conc: 4.95 ng/ml



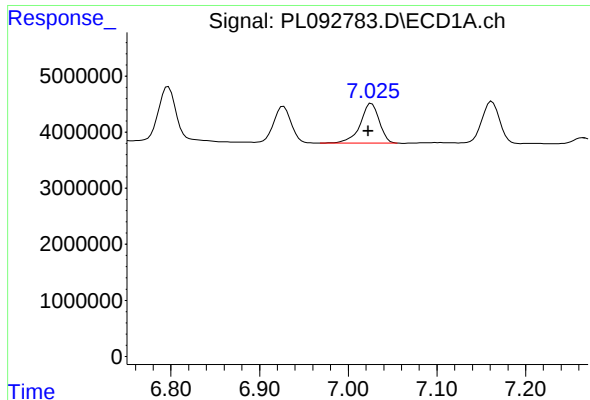
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 14380445
Conc: 7.49 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 14372626
Conc: 5.77 ng/ml m



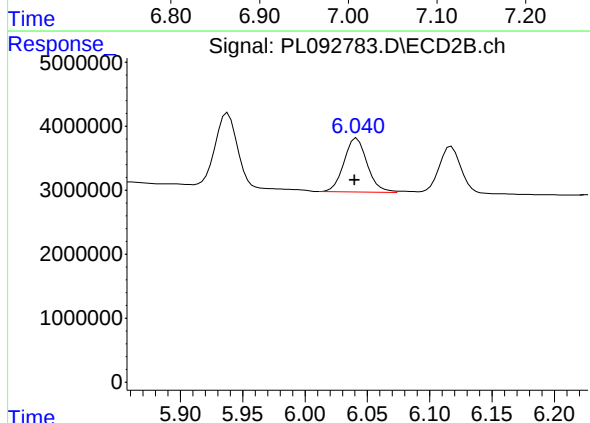
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 10580711
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

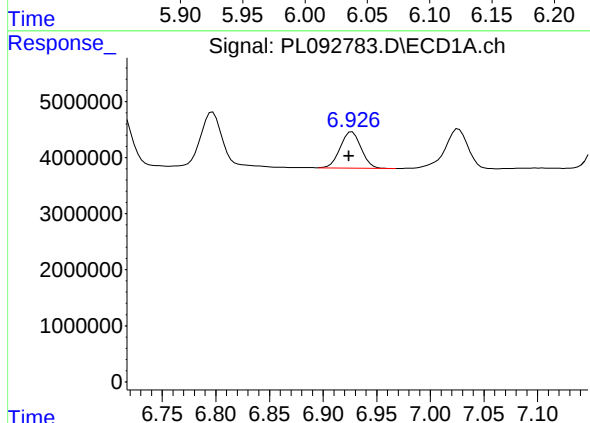
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



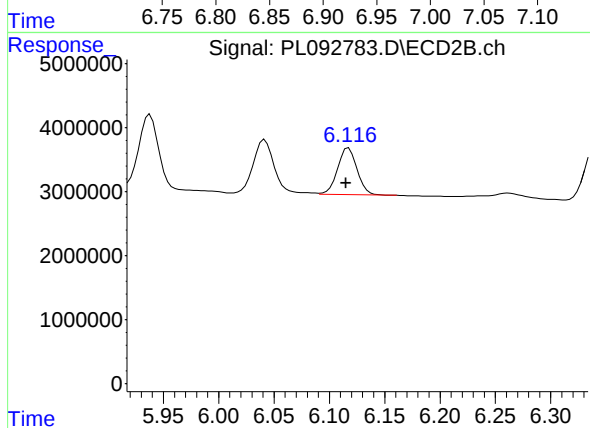
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 10871777
Conc: 4.05 ng/ml m



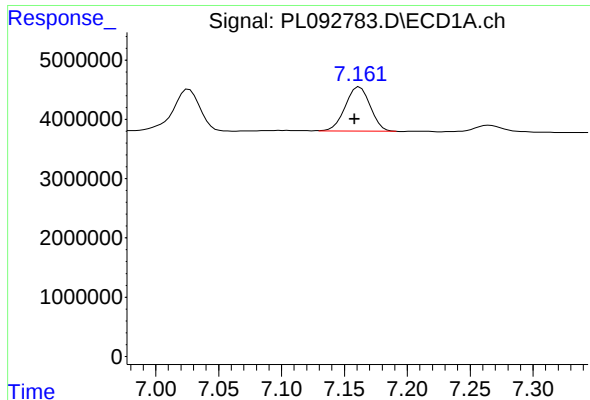
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 8881243
Conc: 4.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 8935284
Conc: 3.87 ng/ml



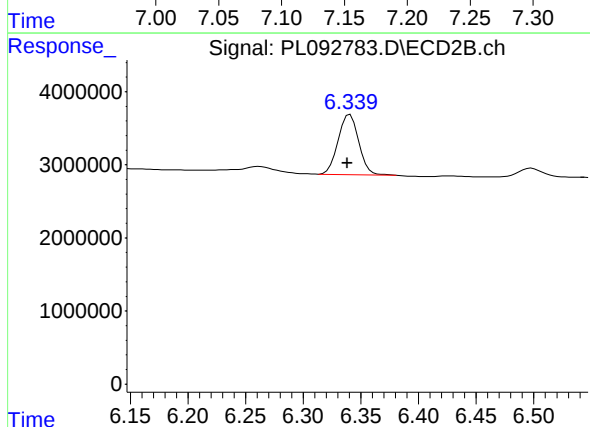
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.002 min
Response: 10347236
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

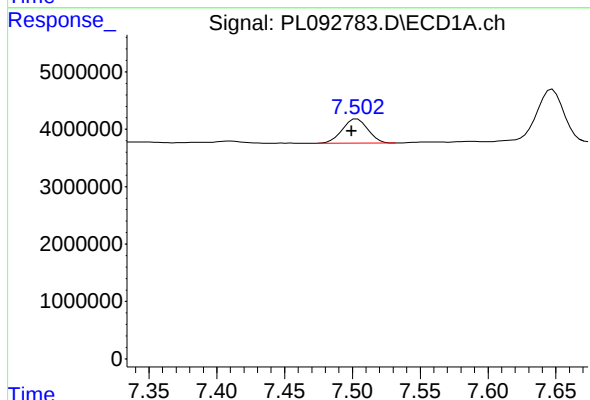
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



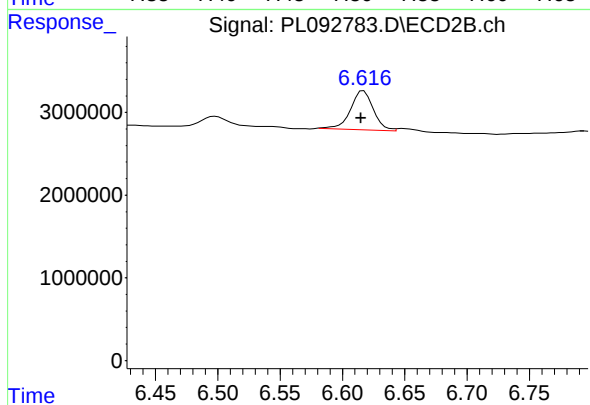
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: 0.002 min
Response: 10063502
Conc: 3.73 ng/ml



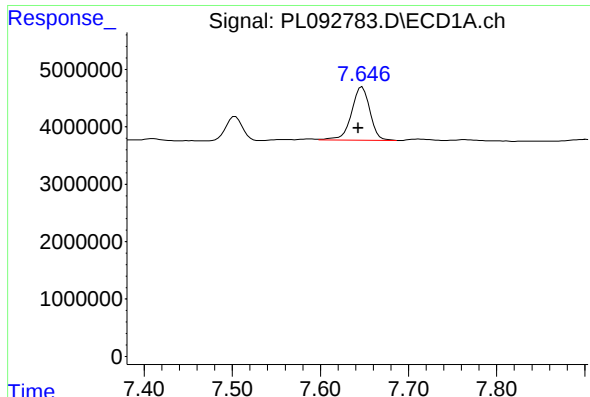
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 5534342
Conc: 4.85 ng/ml m



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 6004270
Conc: 4.20 ng/ml



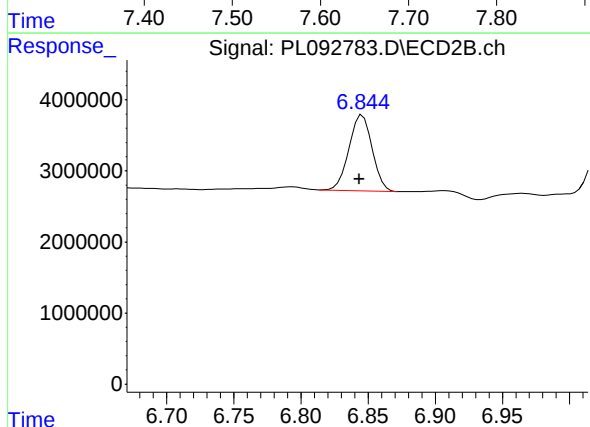
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 13529671
Conc: 5.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

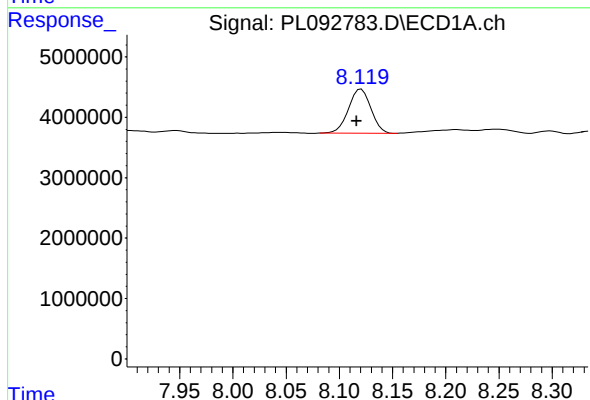
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



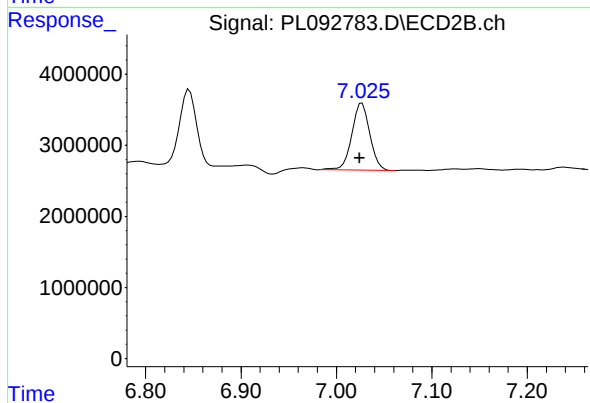
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 12903938
Conc: 4.20 ng/ml m



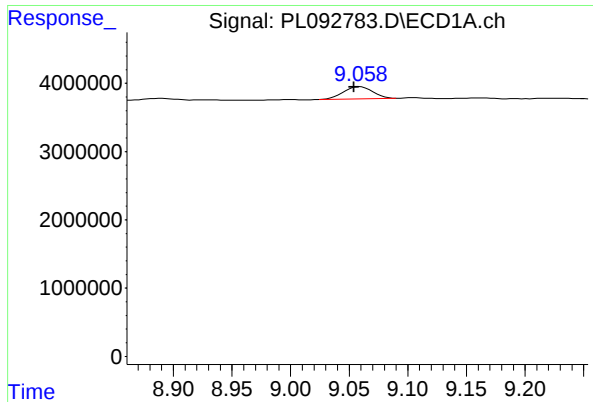
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.004 min
Response: 10692242
Conc: 5.40 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: 0.003 min
Response: 12507845
Conc: 4.79 ng/ml



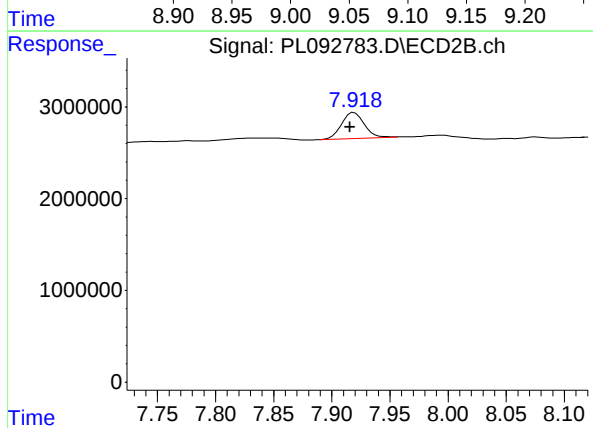
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 3169242
Conc: 1.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2024
Supervised By :Ankita Jodhani 11/04/2024



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.002 min
Response: 3902936
Conc: 1.43 ng/ml m