

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021725\
 Data File : PL094231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2025 13:58
 Operator : AR\AJ
 Sample : PB166740BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166740BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/18/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 00:52:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.540	2.772	46264827	55380595	17.181	16.966
28)	SA Decachlor...	9.057	7.909	43288891	70272730	20.693	20.055
Target Compounds							
2)	A alpha-BHC	3.996	3.274	164.1E6	213.5E6	42.801	43.673
3)	MA gamma-BHC...	4.328	3.604	157.2E6	203.9E6	42.697	43.003
4)	MA Heptachlor	4.916	3.942	153.7E6	212.6E6	46.907	45.666
5)	MB Aldrin	5.258	4.222	145.8E6	197.7E6	44.550	43.340
6)	B beta-BHC	4.527	3.904	71141424	90209926	44.261	45.163
7)	B delta-BHC	4.774	4.133	156.1E6	200.5E6	44.532	42.193
8)	B Heptachlo...	5.685	4.724	134.3E6	189.7E6	45.168	45.385
9)	A Endosulfan I	6.070	5.094	121.5E6	172.5E6	45.959	44.505
10)	B gamma-Chl...	5.941	4.974	130.6E6	198.7E6	46.848	46.893
11)	B alpha-Chl...	6.020	5.038	129.6E6	194.9E6	46.471	46.548
12)	B 4,4'-DDE	6.194	5.227	118.5E6	194.2E6	48.667	48.440
13)	MA Dieldrin	6.345	5.358	126.4E6	199.4E6	45.552	46.416
14)	MA Endrin	6.574	5.632	104.5E6	177.5E6	44.578m	48.079m
15)	B Endosulfa...	6.796	5.928	111.6E6	182.0E6	46.337	49.132m
16)	A 4,4'-DDD	6.711	5.782	93624854	156.8E6	49.262	49.687
17)	MA 4,4'-DDT	7.025	6.033	100.5E6	168.8E6	50.964	51.875
18)	B Endrin al...	6.926	6.109	87422482	140.9E6	44.969	46.288
19)	B Endosulfa...	7.160	6.332	103.4E6	172.2E6	45.698	48.290
20)	A Methoxychlor	7.502	6.608	51860101	89377937	49.703	49.984
21)	B Endrin ke...	7.645	6.835	116.5E6	210.9E6	46.178	50.262m
22)	Mirex	8.118	7.017	89073122	153.1E6	42.772	45.272

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021725\
Data File : PL094231.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2025 13:58
Operator : AR\AJ
Sample : PB166740BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166740BS

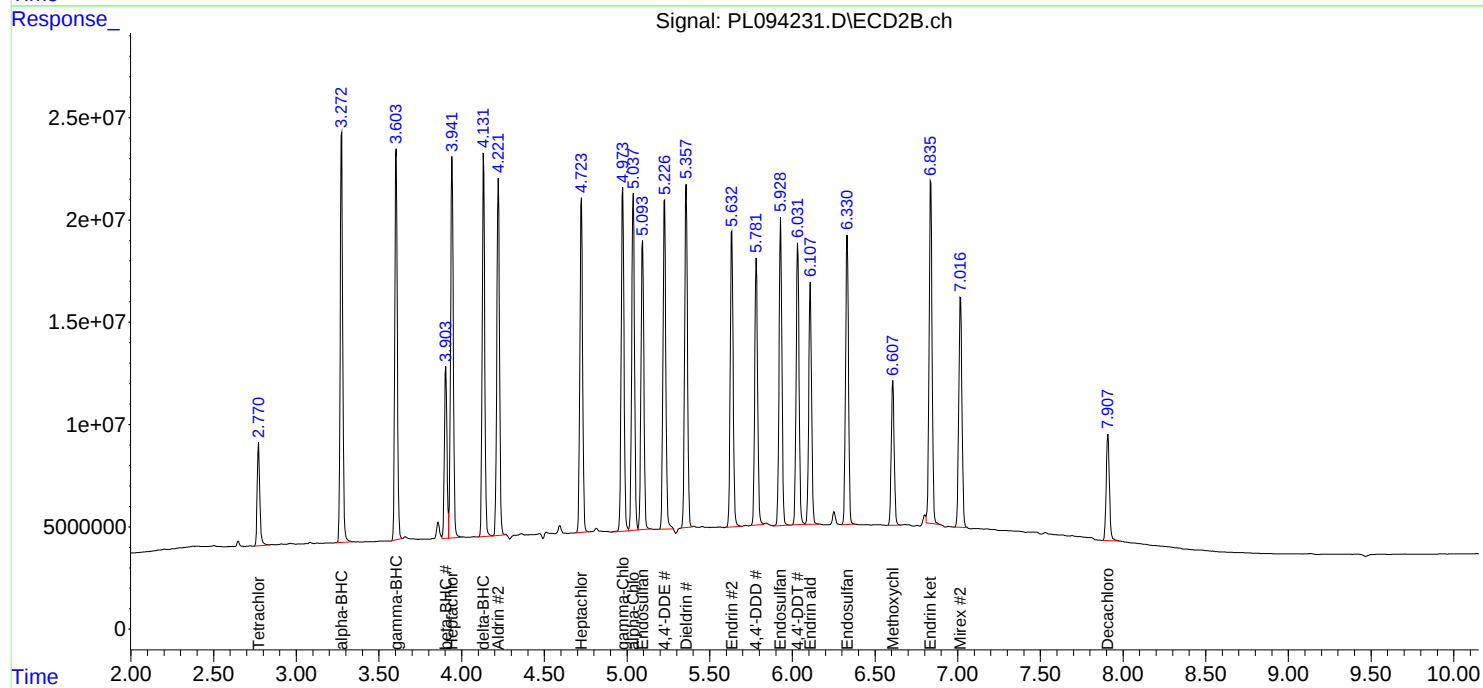
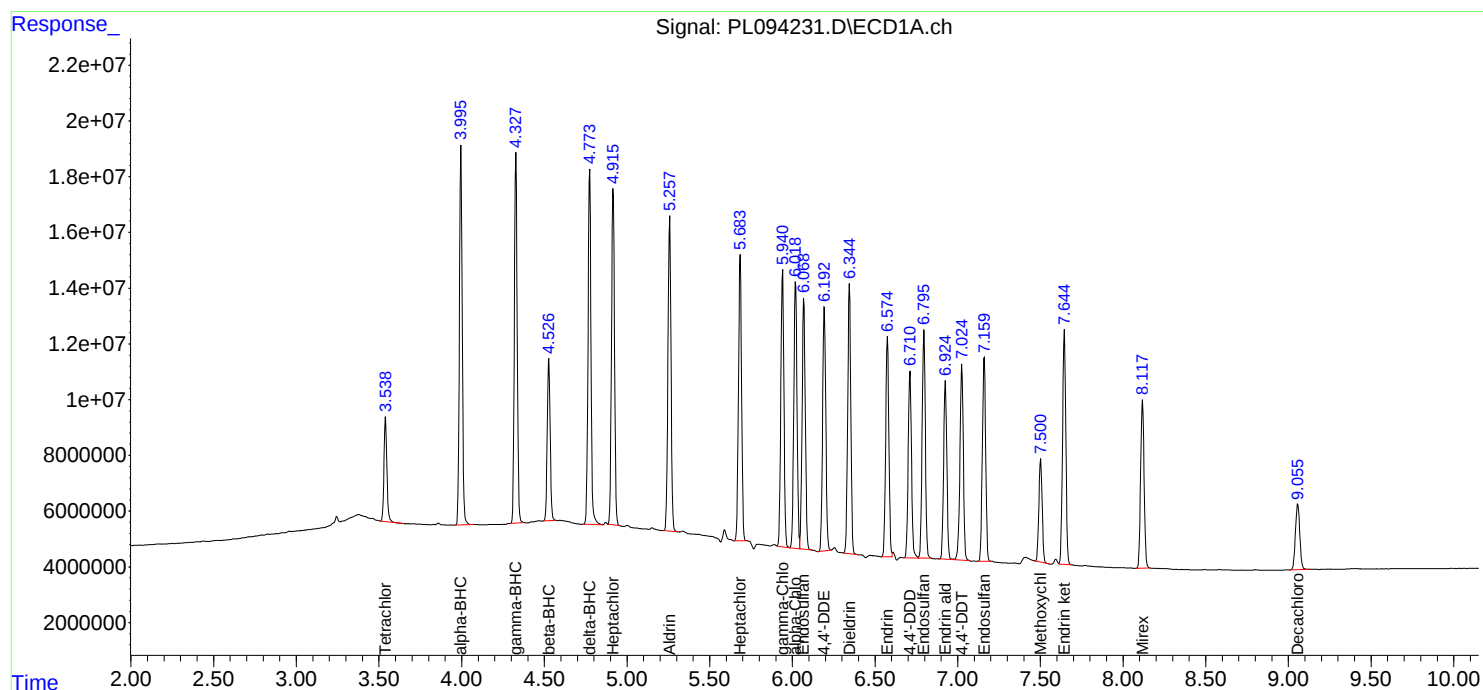
Manual Integrations

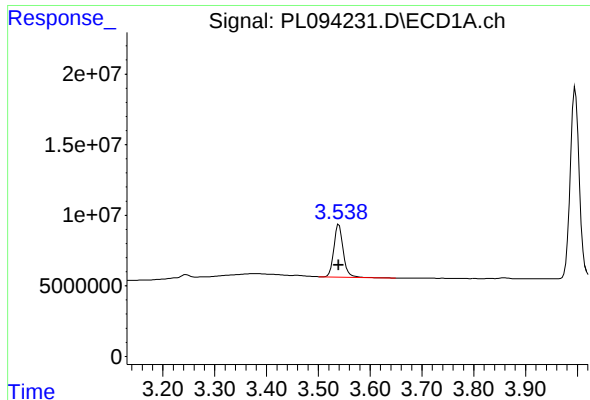
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 18 00:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





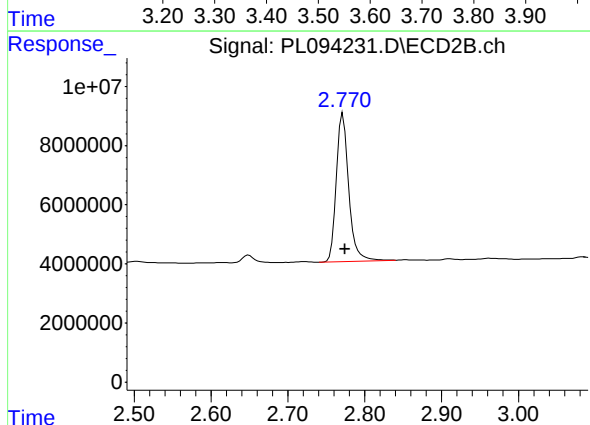
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 46264827
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

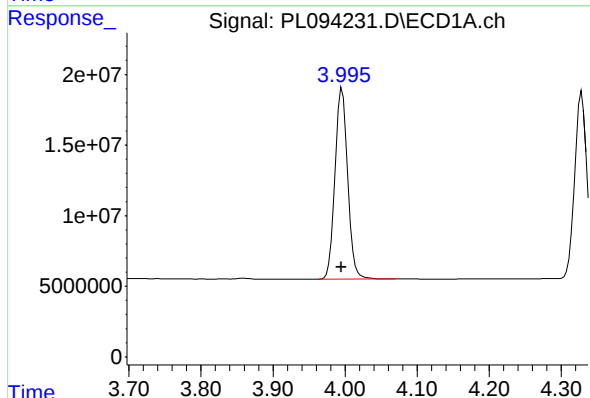
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



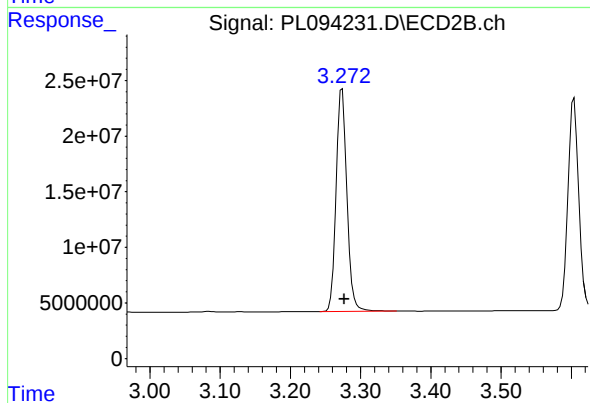
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 55380595
Conc: 16.97 ng/ml



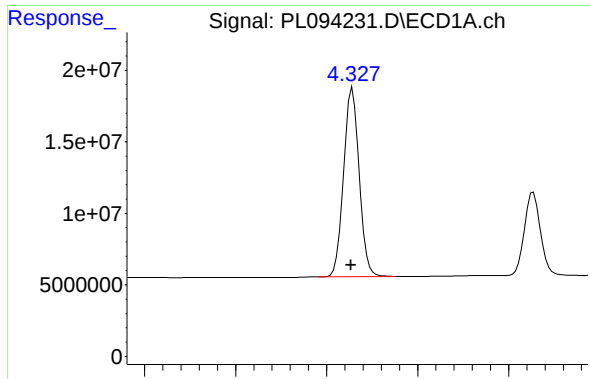
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 164093643
Conc: 42.80 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 213517528
Conc: 43.67 ng/ml



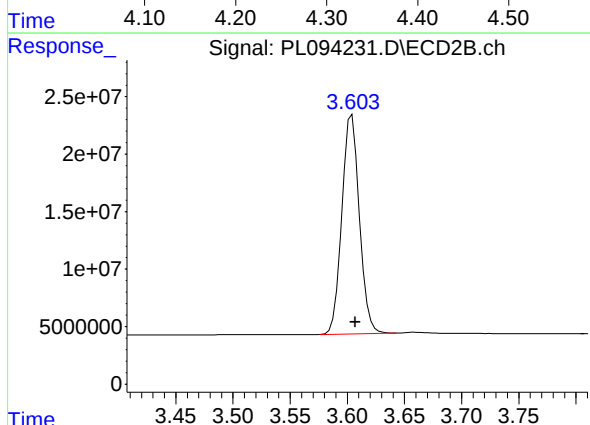
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 157245929
Conc: 42.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

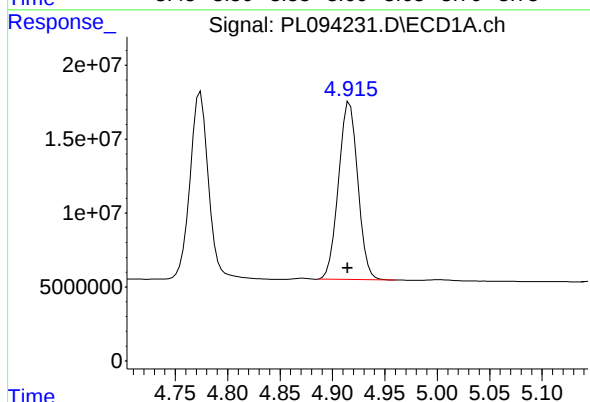
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



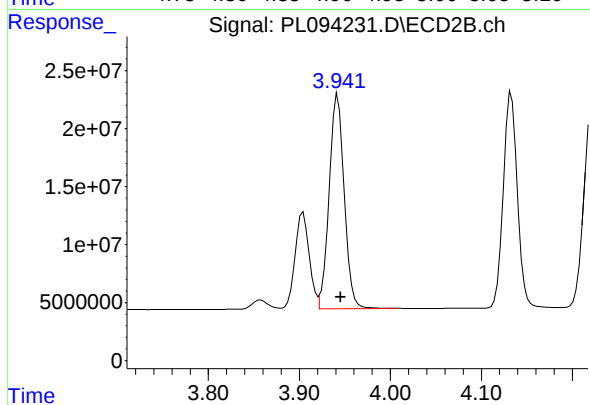
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 203885462
Conc: 43.00 ng/ml



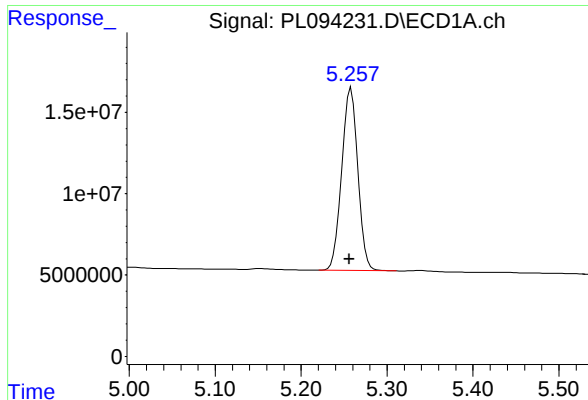
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 153730940
Conc: 46.91 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 212564623
Conc: 45.67 ng/ml



#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 145766739
Conc: 44.55 ng/ml

Instrument :

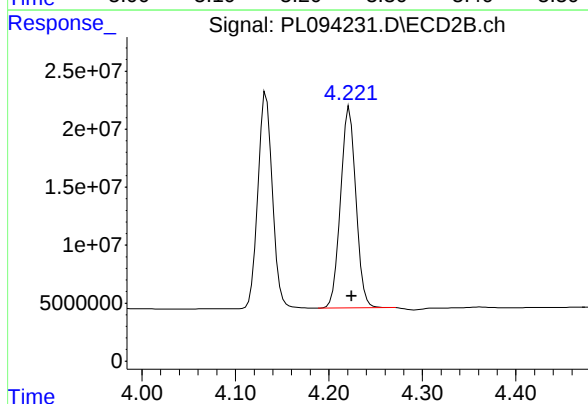
ECD_L

ClientSampleId :

PB166740BS

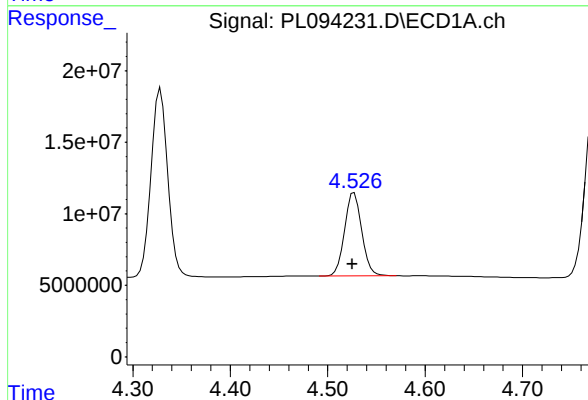
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



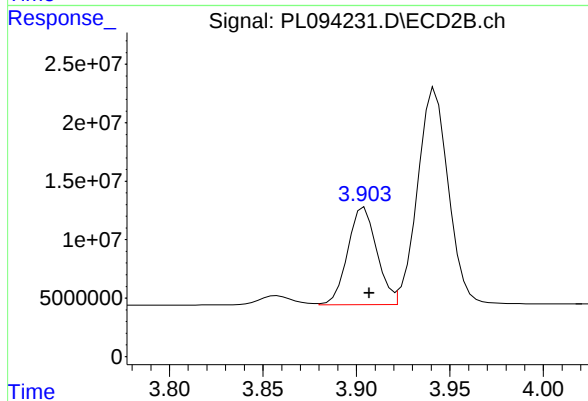
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.003 min
Response: 197707911
Conc: 43.34 ng/ml



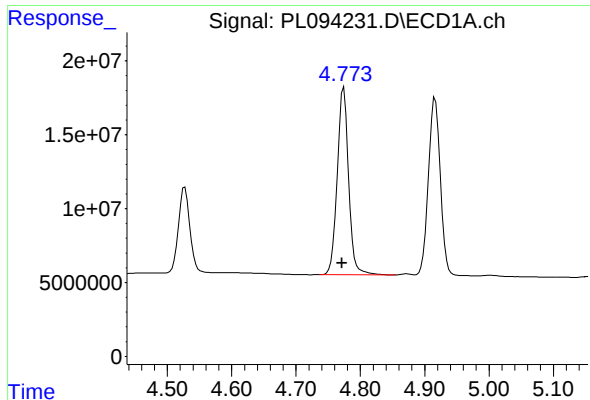
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 71141424
Conc: 44.26 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 90209926
Conc: 45.16 ng/ml



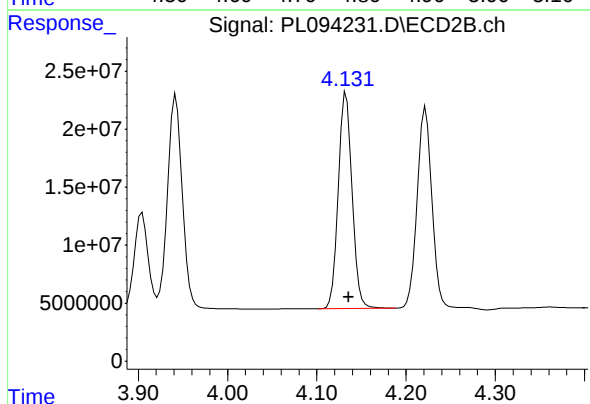
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 156097459
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

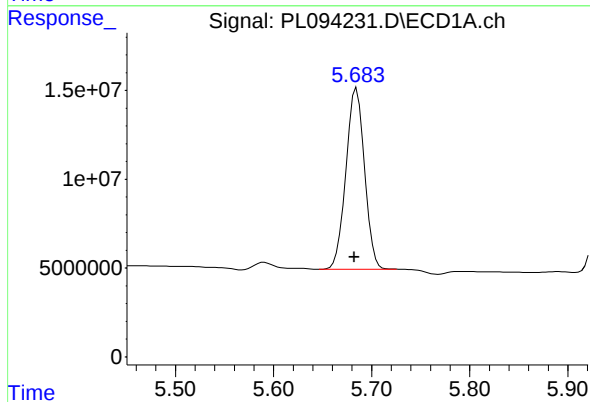
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



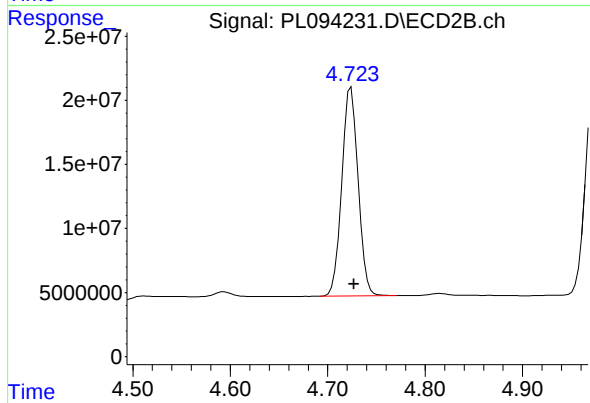
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 200466675
Conc: 42.19 ng/ml



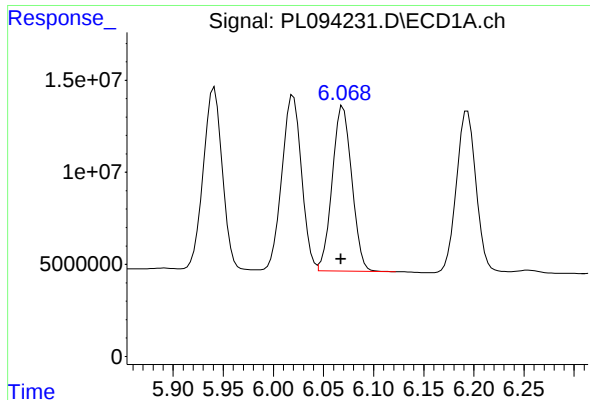
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 134322509
Conc: 45.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 189720379
Conc: 45.38 ng/ml



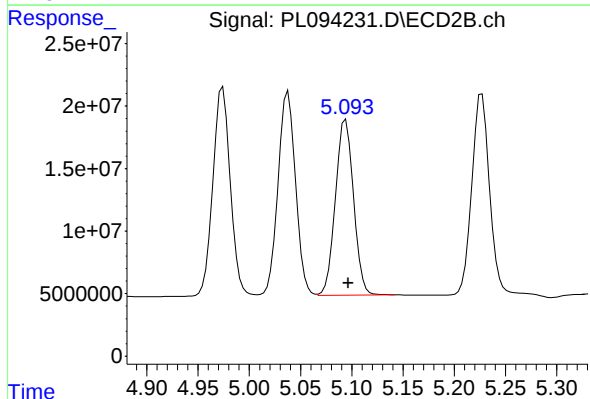
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 121464083
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

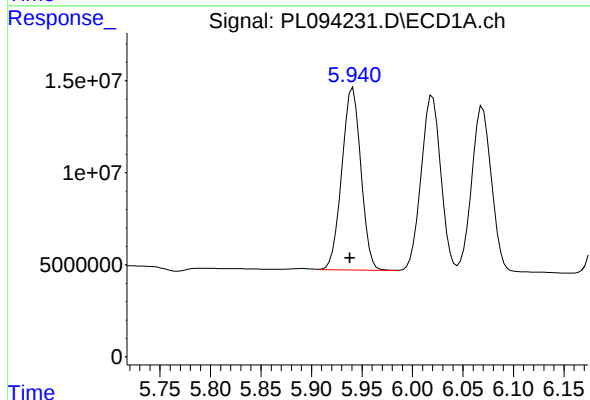
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



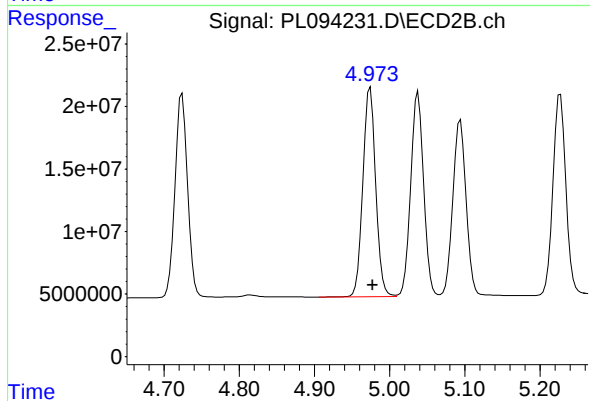
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 172542850
Conc: 44.51 ng/ml



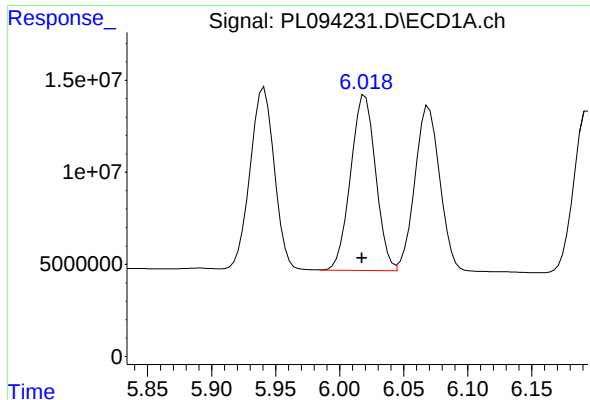
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.003 min
Response: 130583369
Conc: 46.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 198716000
Conc: 46.89 ng/ml



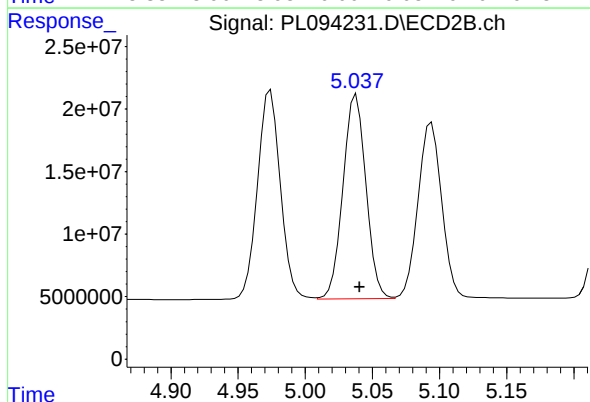
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.003 min
Response: 129580437
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

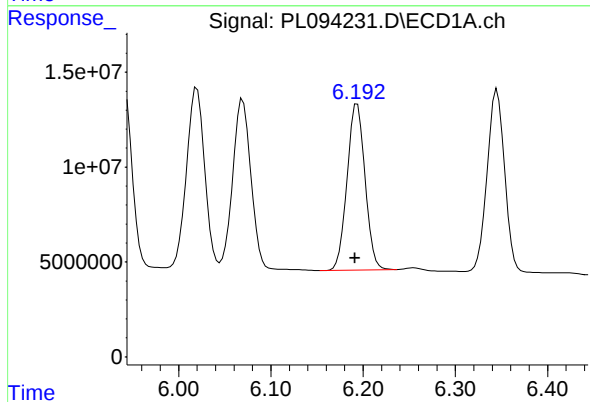
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



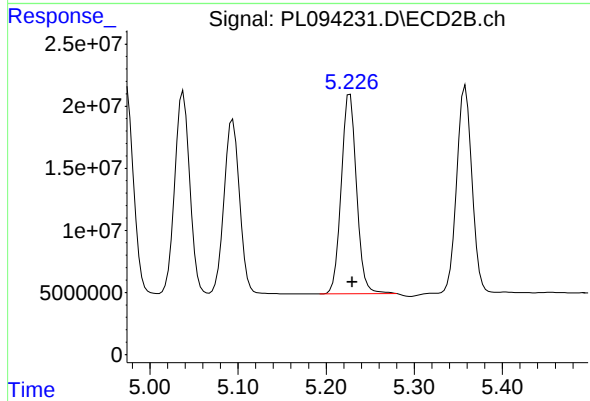
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.003 min
Response: 194876406
Conc: 46.55 ng/ml



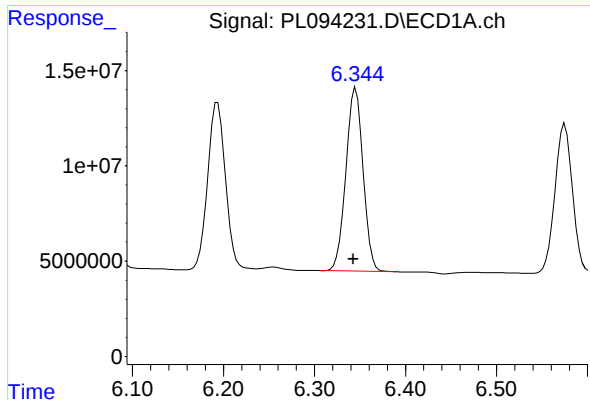
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 118485468
Conc: 48.67 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 194217392
Conc: 48.44 ng/ml



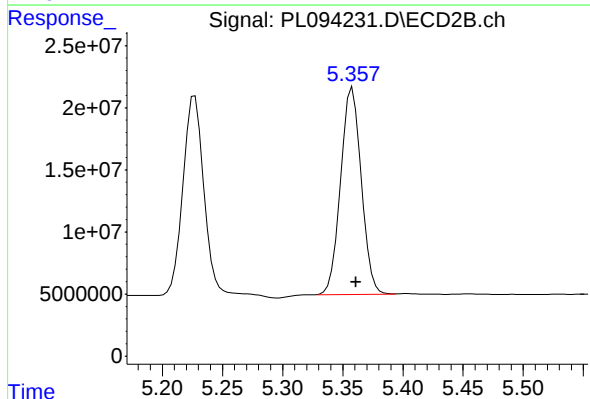
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.003 min
Response: 126446829
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

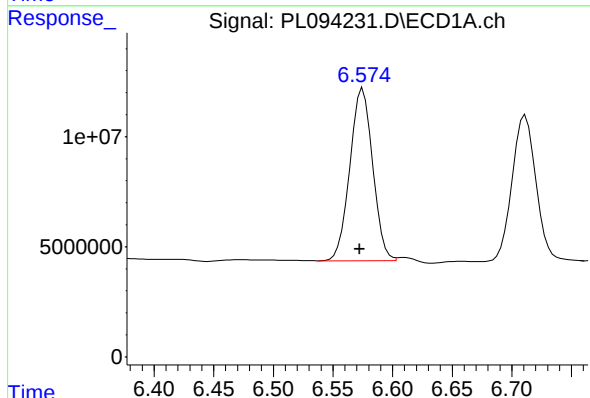
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



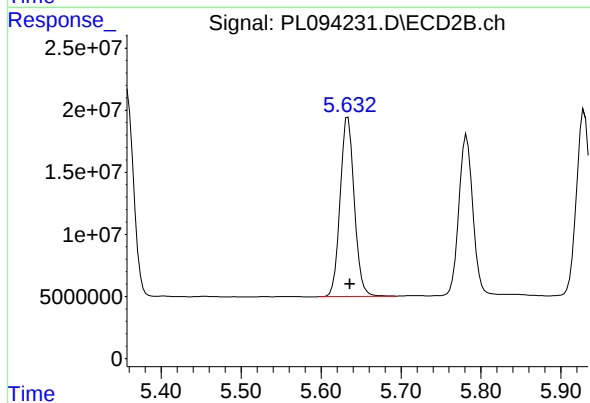
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 199384578
Conc: 46.42 ng/ml



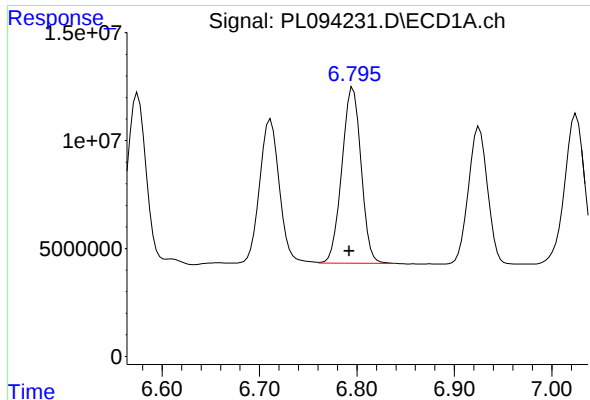
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 104527152
Conc: 44.58 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 177539124
Conc: 48.08 ng/ml m



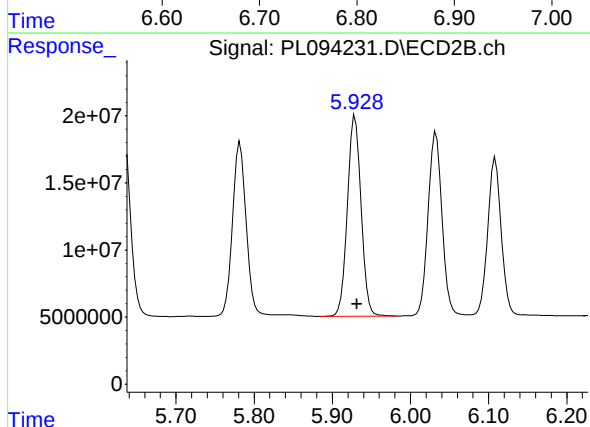
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.004 min
Response: 111641502
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

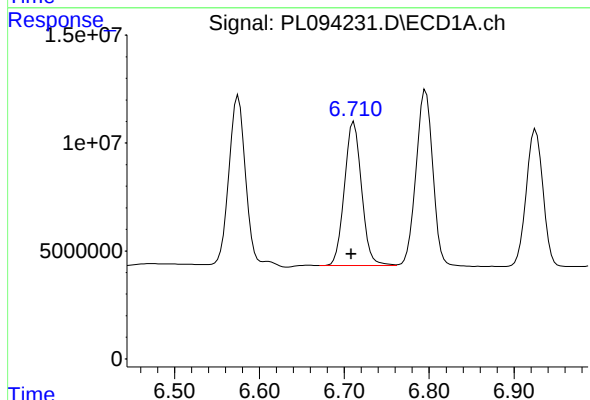
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



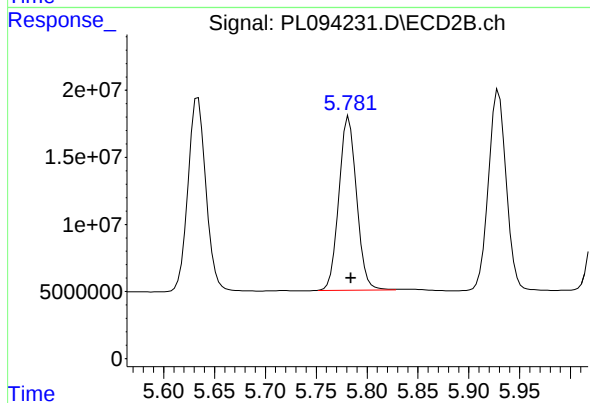
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 181976989
Conc: 49.13 ng/ml



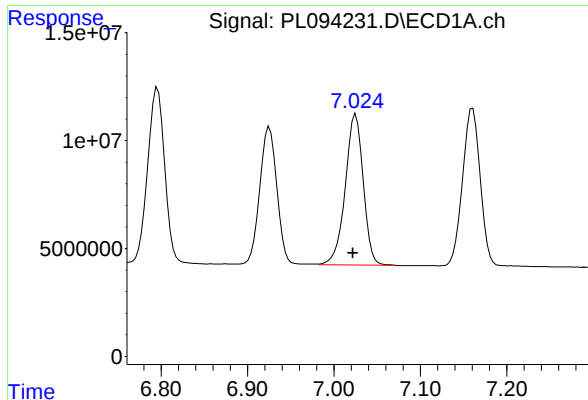
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 93624854
Conc: 49.26 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 156840273
Conc: 49.69 ng/ml



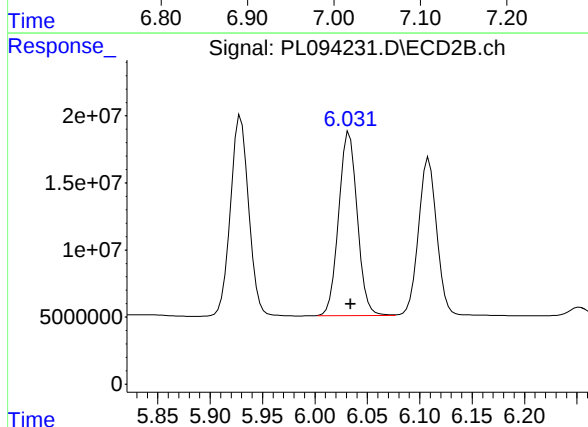
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.003 min
Response: 100503565
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

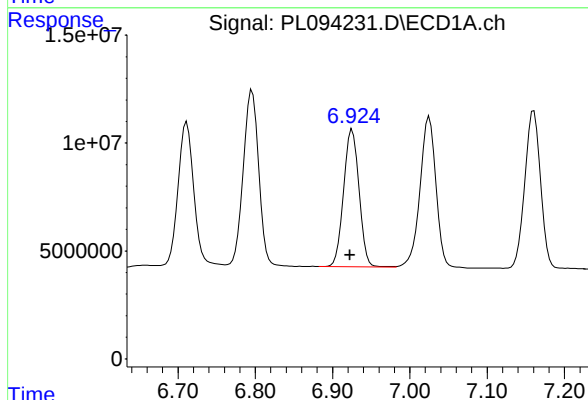
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



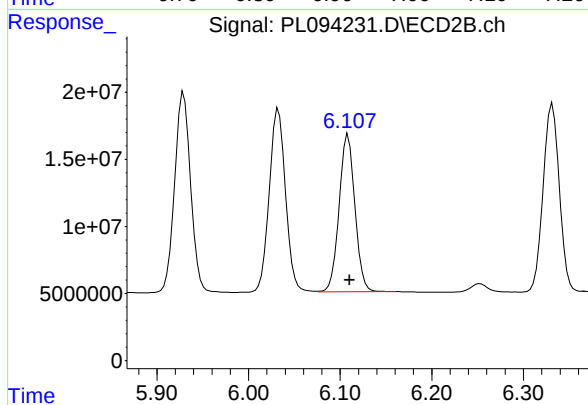
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 168803785
Conc: 51.88 ng/ml



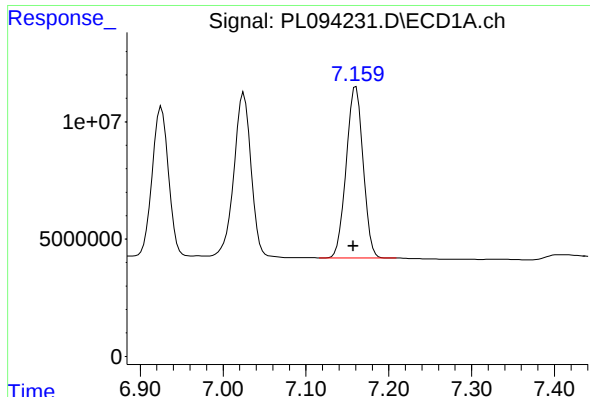
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.003 min
Response: 87422482
Conc: 44.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.002 min
Response: 140929936
Conc: 46.29 ng/ml



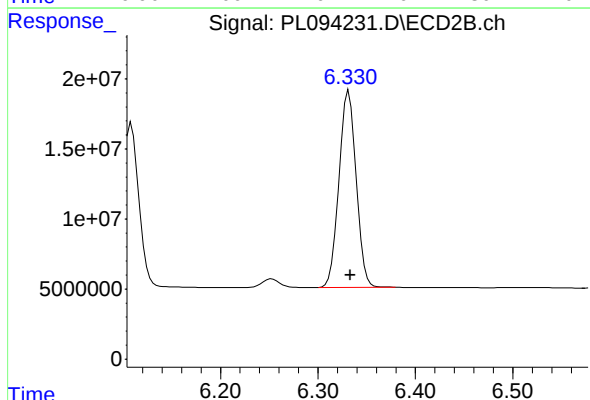
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 103448947
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

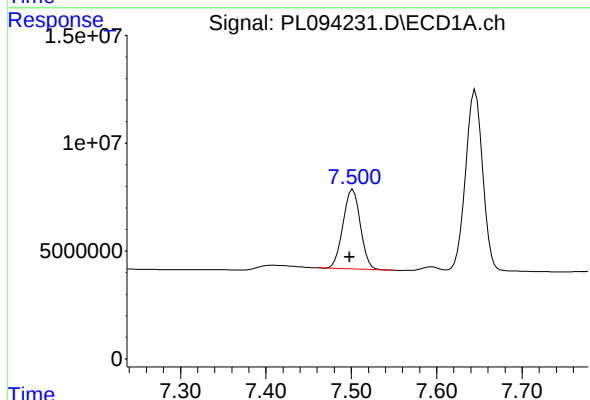
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



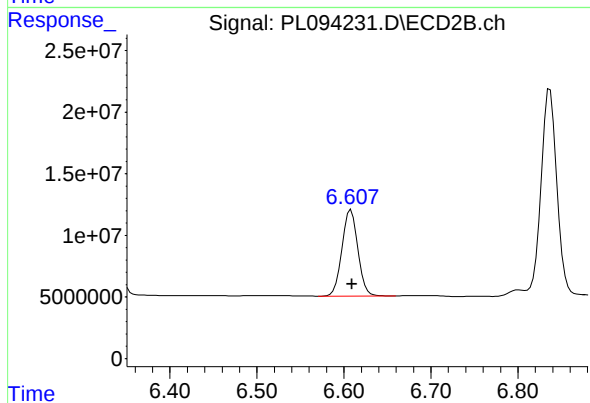
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 172206160
Conc: 48.29 ng/ml



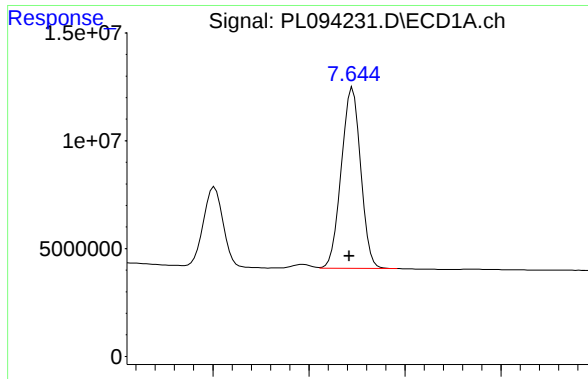
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 51860101
Conc: 49.70 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 89377937
Conc: 49.98 ng/ml



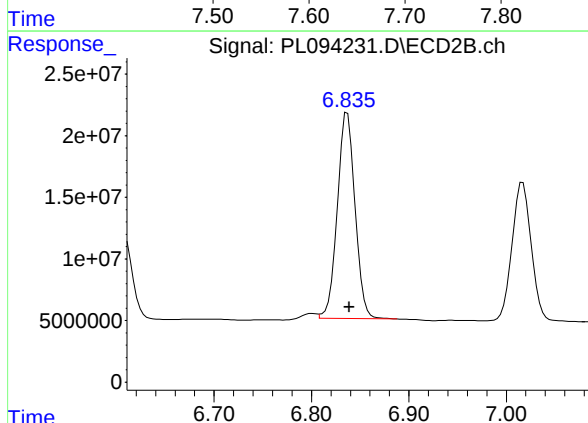
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 116488778
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

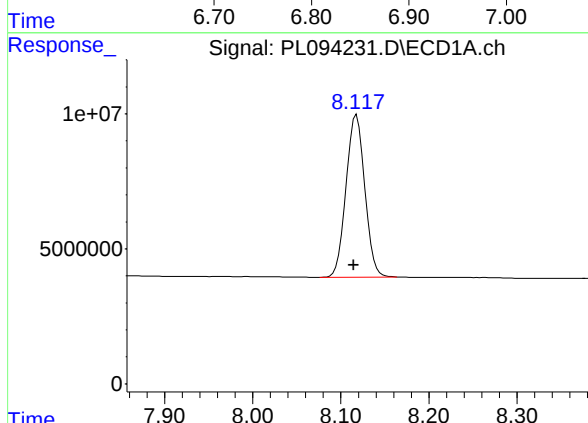
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



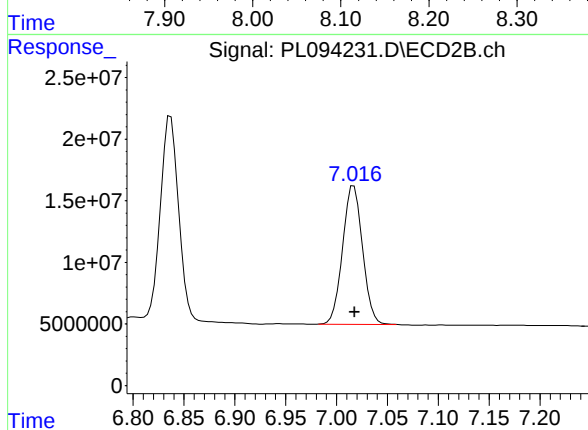
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 210860374
Conc: 50.26 ng/ml



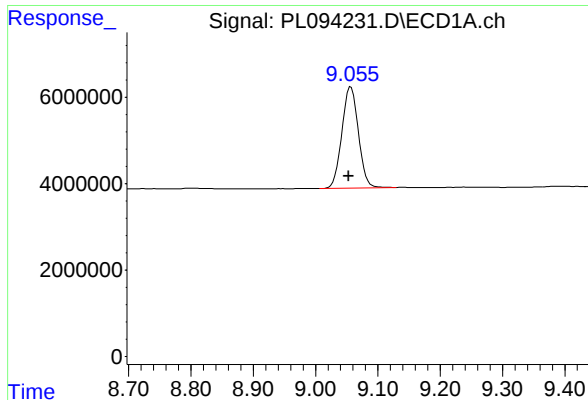
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 89073122
Conc: 42.77 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 153105987
Conc: 45.27 ng/ml



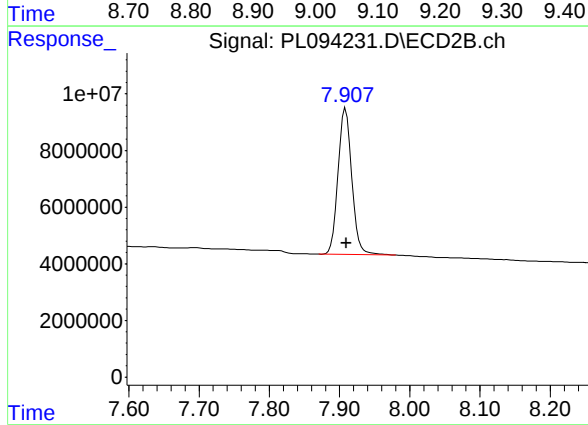
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 43288891
Conc: 20.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166740BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/18/2025
Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 70272730
Conc: 20.05 ng/ml