

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
 Data File : PL094246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2025 15:11
 Operator : AR\AJ
 Sample : PB166752BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166752BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 00:31:17 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...	3.539	2.773	55796552	70116843	20.721	21.481
28) SA Decachlor...	9.055	7.907	52233109	85869403	24.969	24.506
Target Compounds						
2) A alpha-BHC	3.996	3.276	183.5E6	251.3E6	47.865	51.411
3) MA gamma-BHC...	4.328	3.606	176.1E6	240.0E6	47.821	50.628
4) MA Heptachlor	4.915	3.943	167.6E6	242.9E6	51.134	52.173
5) MB Aldrin	5.257	4.222	161.2E6	231.4E6	49.263	50.733
6) B beta-BHC	4.527	3.905	80167433	104.5E6	49.876	52.305
7) B delta-BHC	4.773	4.134	170.3E6	234.5E6	48.583	49.347
8) B Heptachlo...	5.684	4.725	146.8E6	219.6E6	49.375	52.544
9) A Endosulfan I	6.070	5.095	133.1E6	208.8E6	50.364	53.865
10) B gamma-Chl...	5.940	4.975	145.1E6	229.5E6	52.062	54.167
11) B alpha-Chl...	6.019	5.039	142.5E6	225.5E6	51.102	53.857
12) B 4,4'-DDE	6.193	5.228	132.4E6	223.3E6	54.392	55.701
13) MA Dieldrin	6.345	5.359	138.6E6	230.1E6	49.915	53.567
14) MA Endrin	6.573	5.633	108.2E6	186.8E6	46.151m	50.574m
15) B Endosulfa...	6.794	5.930	121.7E6	205.9E6	50.505	55.596
16) A 4,4'-DDD	6.711	5.783	103.2E6	183.5E6	54.313	58.132
17) MA 4,4'-DDT	7.024	6.033	108.7E6	187.8E6	55.114	57.726
18) B Endrin al...	6.925	6.109	96851860	161.1E6	49.819	52.919
19) B Endosulfa...	7.159	6.332	113.1E6	193.2E6	49.976	54.183
20) A Methoxychlor	7.500	6.608	55296155	94507335	52.996	52.852
21) B Endrin ke...	7.644	6.837	129.4E6	237.5E6	51.284	56.602
22) Mirex	8.116	7.016	97284624	173.7E6	46.716	51.358

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 15:11
Operator : AR\AJ
Sample : PB166752BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

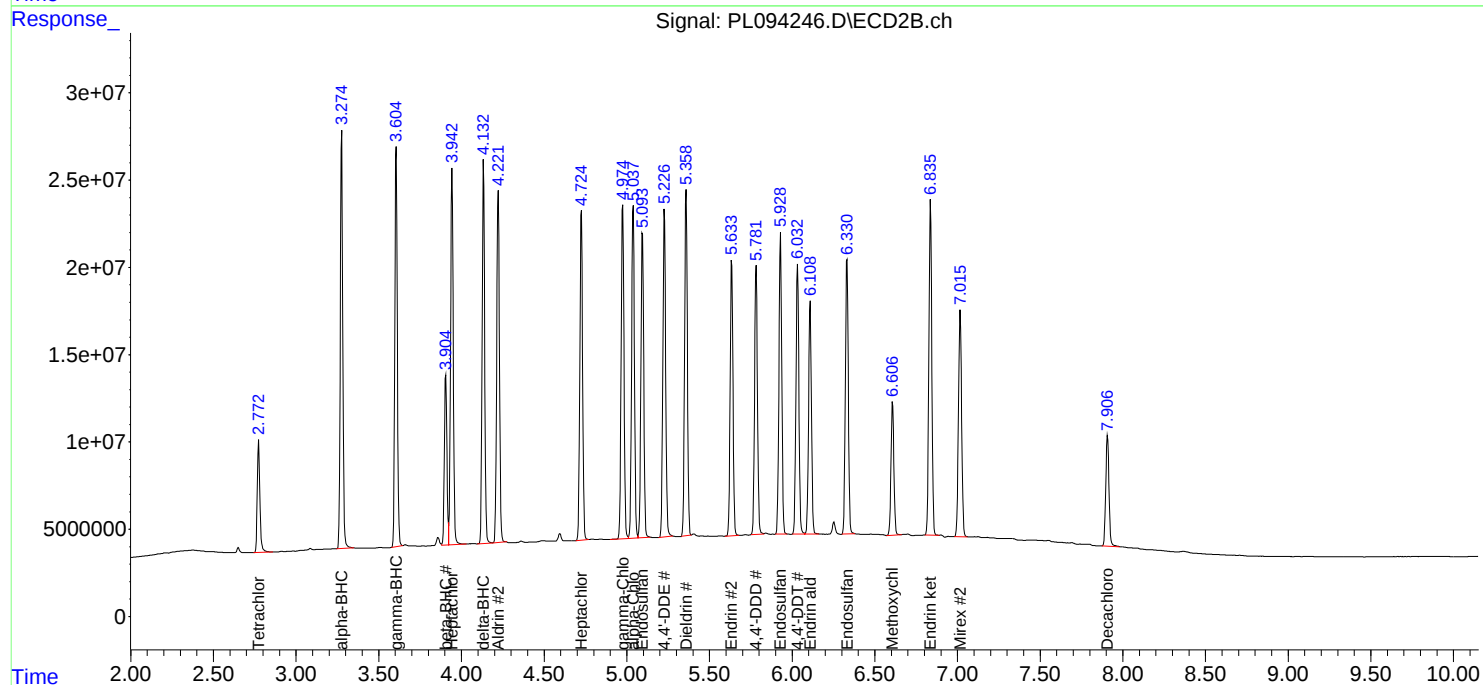
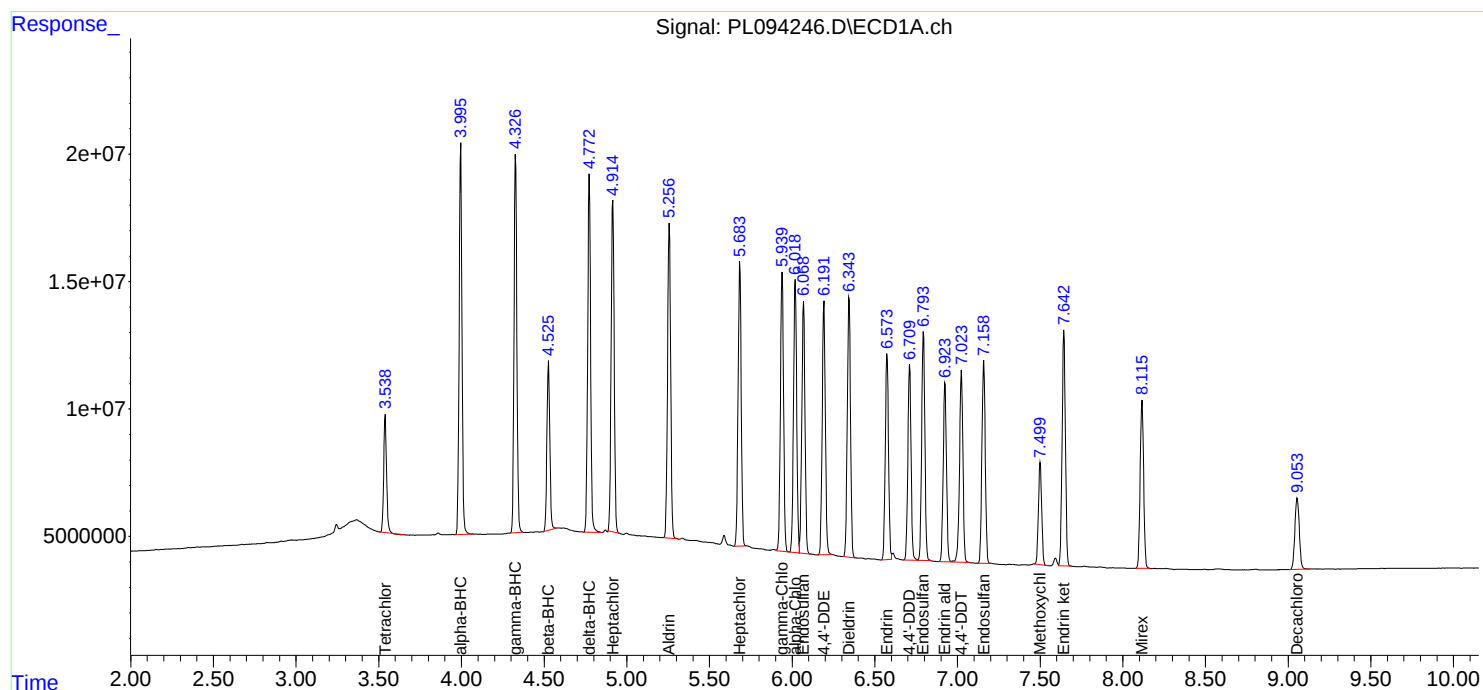
Instrument :
ECD_L
ClientSampleId :
PB166752BS

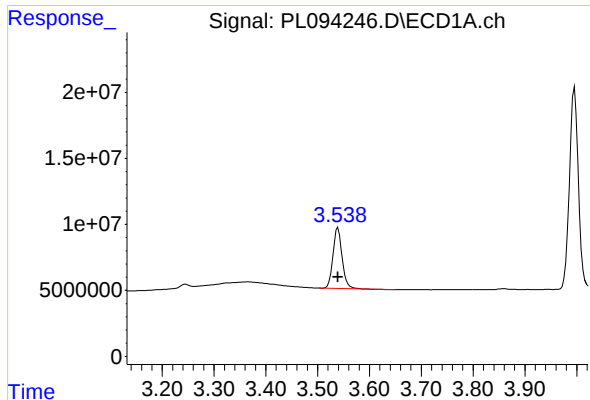
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:31:17 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





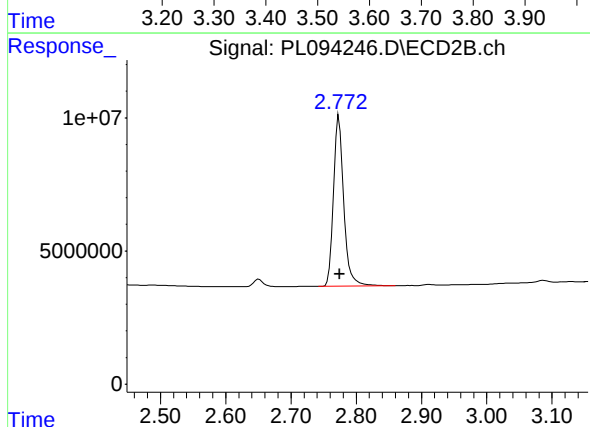
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 55796552
Conc: 20.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

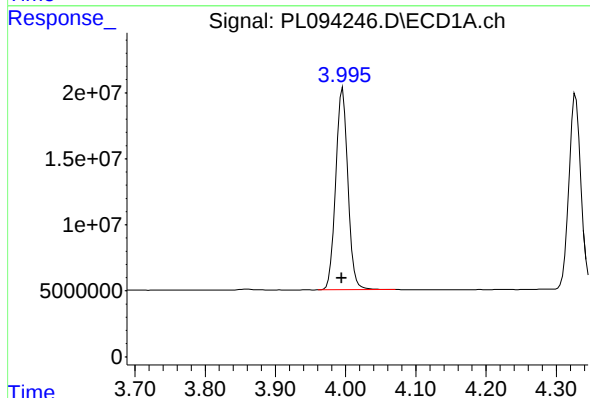
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



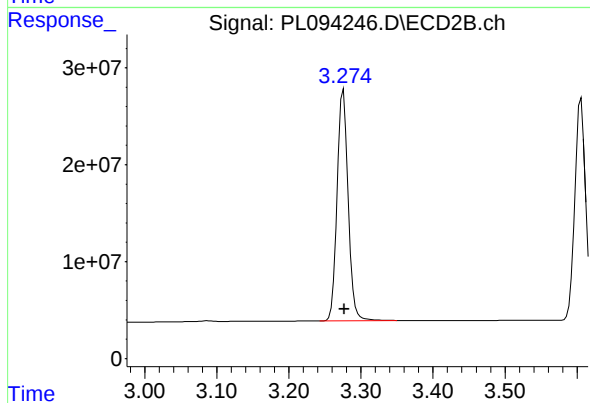
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 70116843
Conc: 21.48 ng/ml



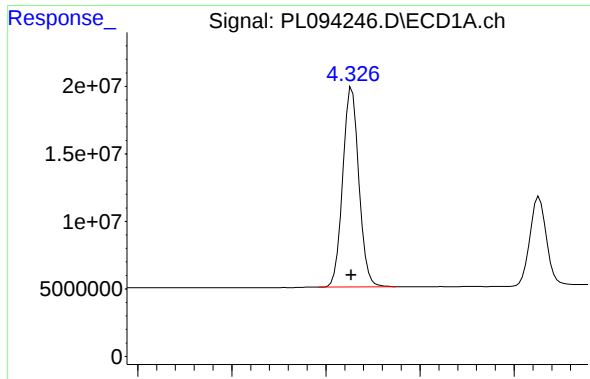
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 183507588
Conc: 47.87 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 251347468
Conc: 51.41 ng/ml



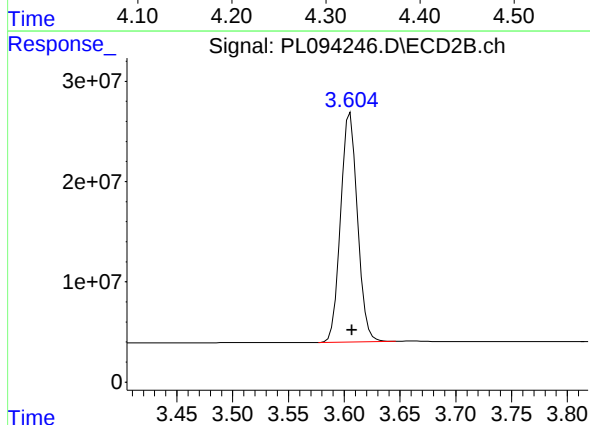
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 176116457
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

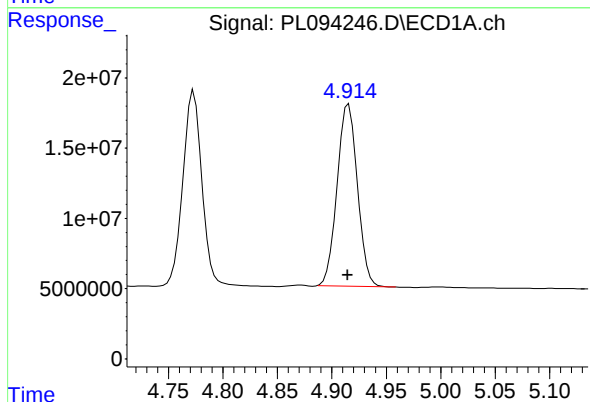
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



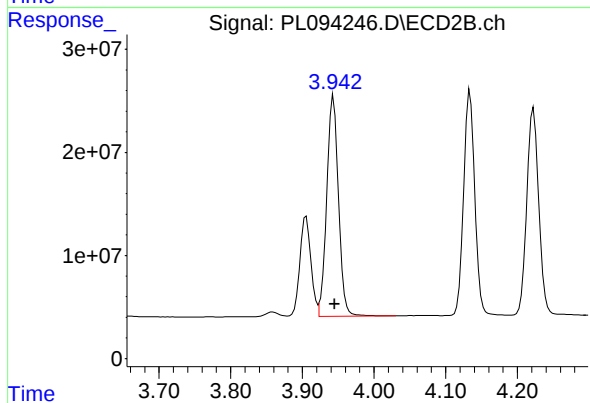
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.002 min
Response: 240038155
Conc: 50.63 ng/ml



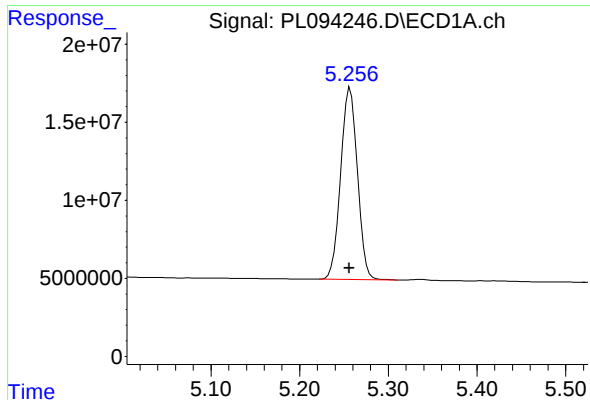
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 167582349
Conc: 51.13 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 242853587
Conc: 52.17 ng/ml



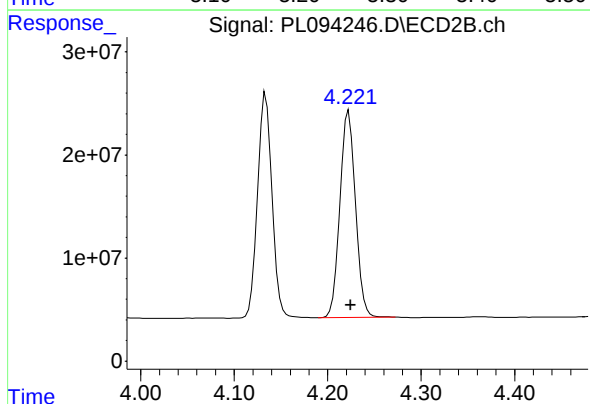
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 161185799
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

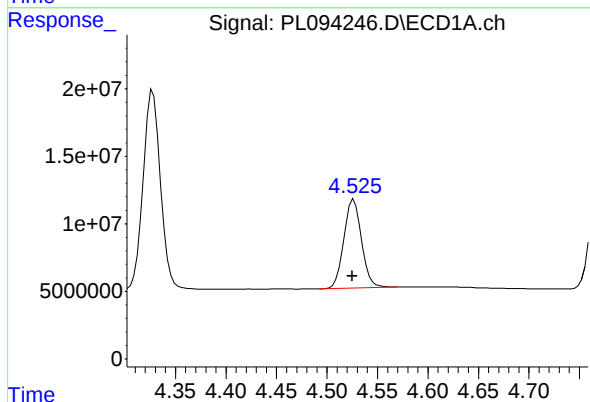
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



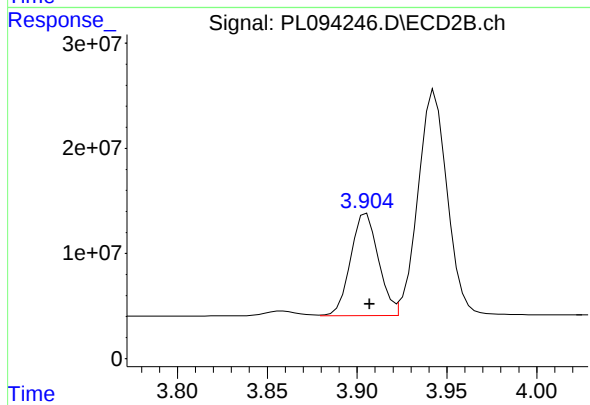
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.002 min
Response: 231433221
Conc: 50.73 ng/ml



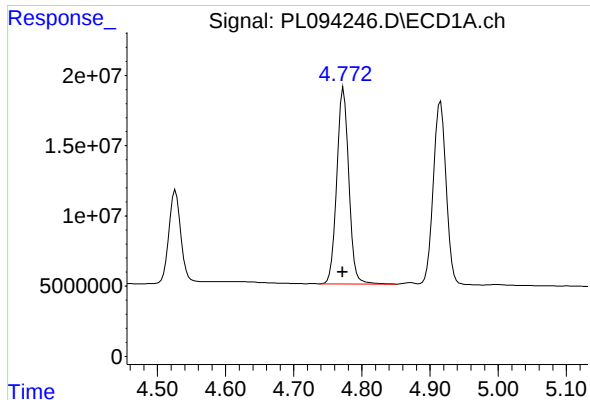
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 80167433
Conc: 49.88 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 104475046
Conc: 52.30 ng/ml



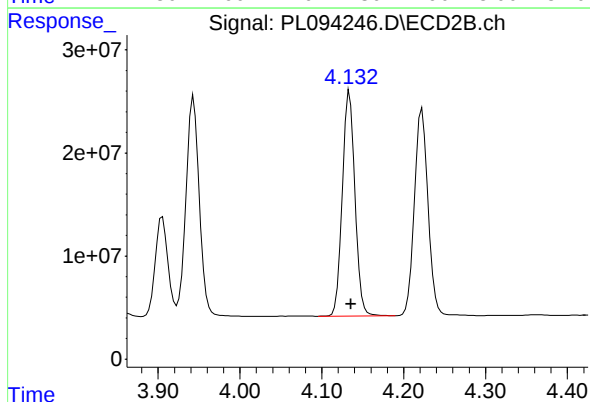
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.002 min
Response: 170298686
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

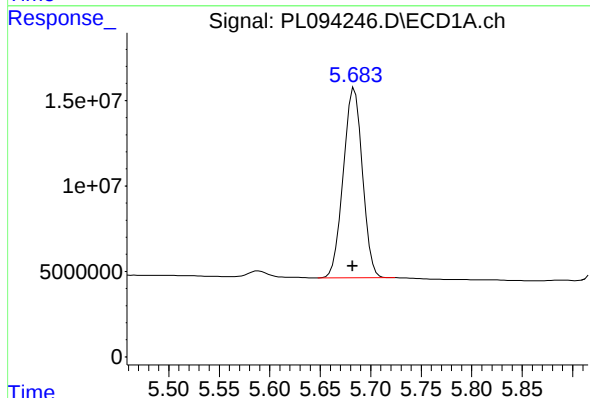
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



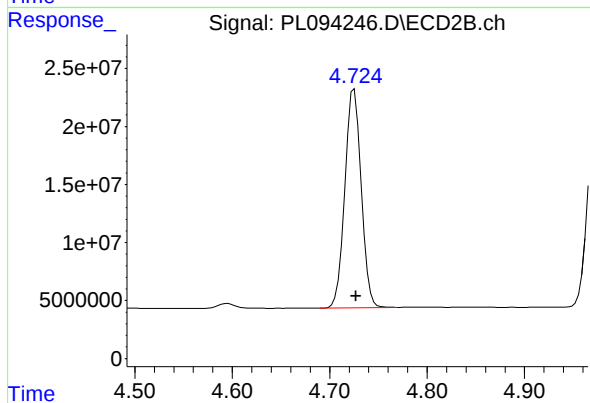
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 234458293
Conc: 49.35 ng/ml



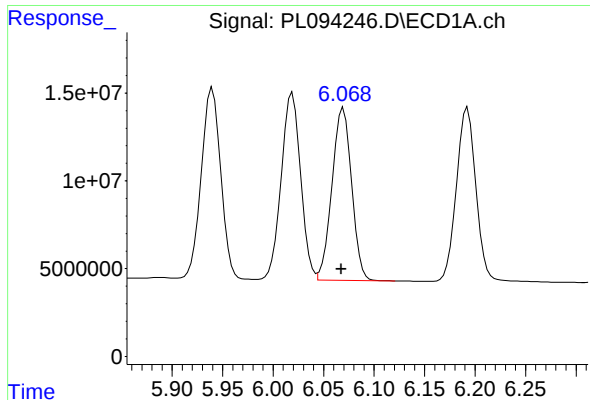
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 146833299
Conc: 49.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 219647975
Conc: 52.54 ng/ml



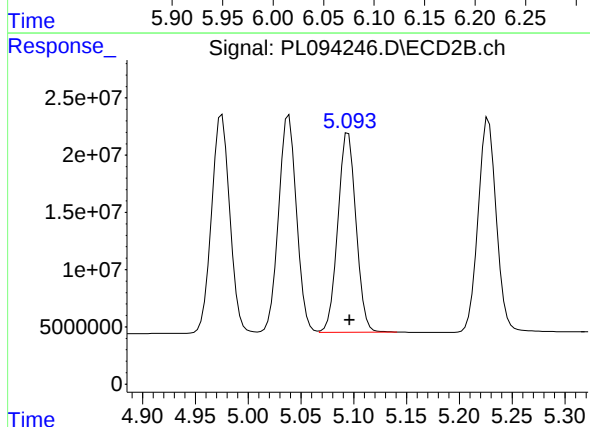
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 133106020
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

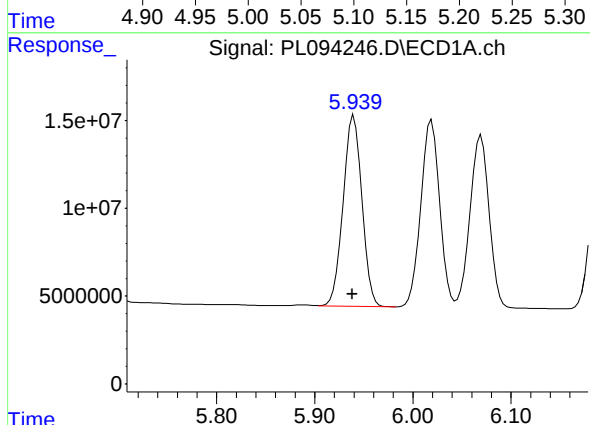
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



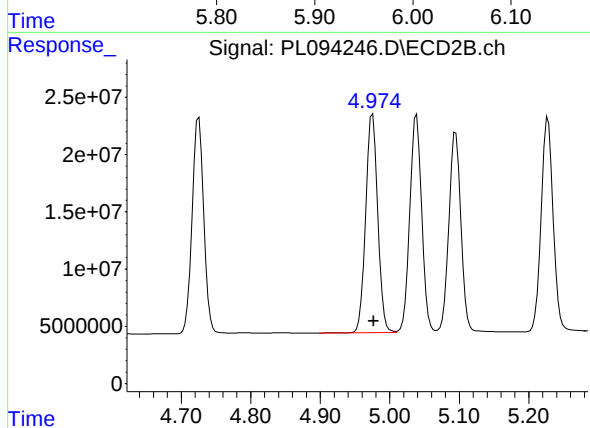
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 208830395
Conc: 53.87 ng/ml



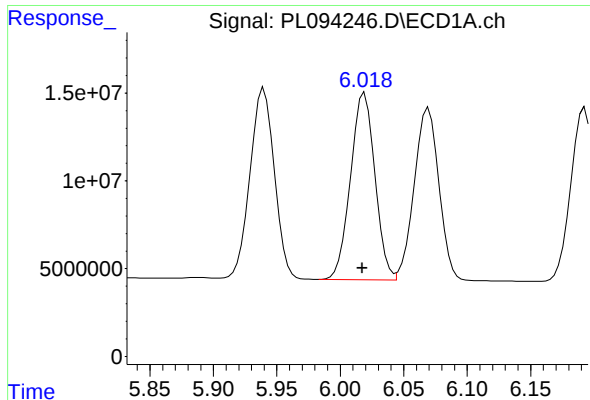
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 145116474
Conc: 52.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 229537397
Conc: 54.17 ng/ml



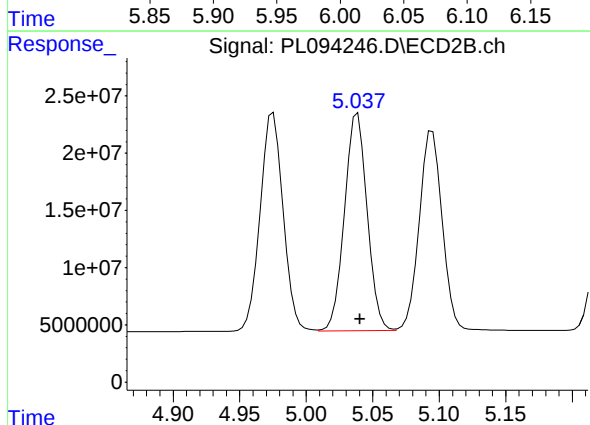
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 142493626
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

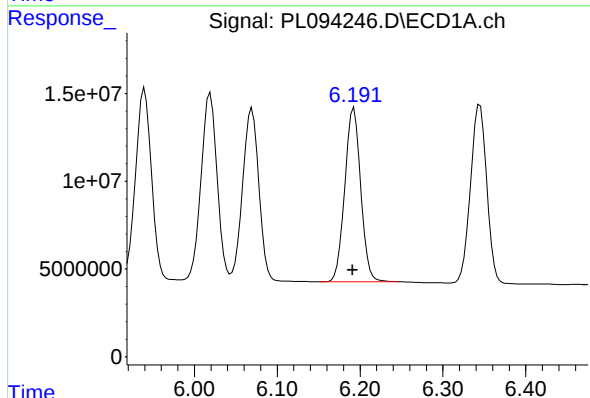
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



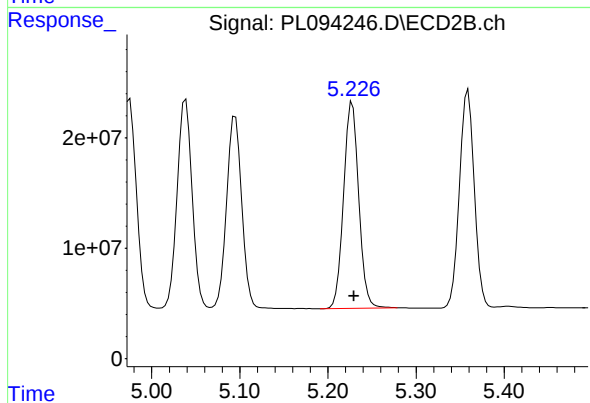
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.002 min
Response: 225476216
Conc: 53.86 ng/ml



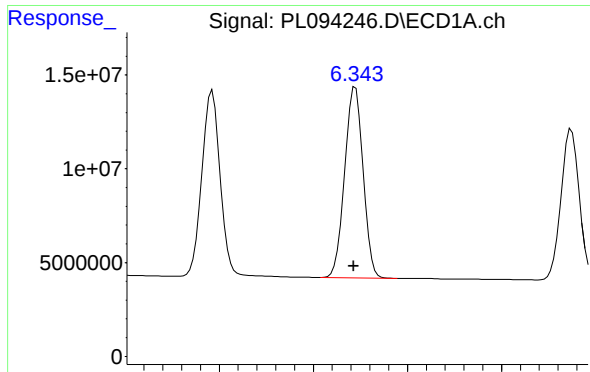
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 132423707
Conc: 54.39 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 223330313
Conc: 55.70 ng/ml



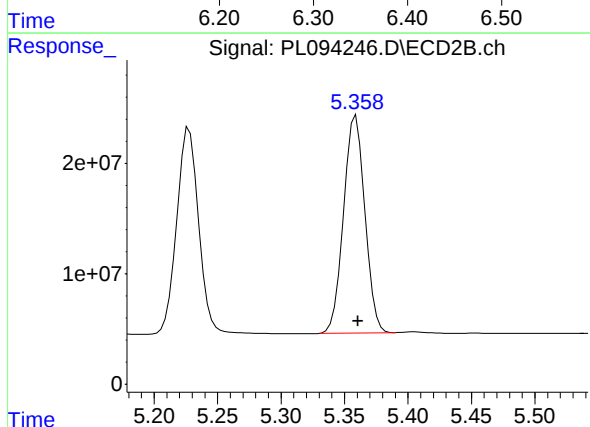
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 138556970
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

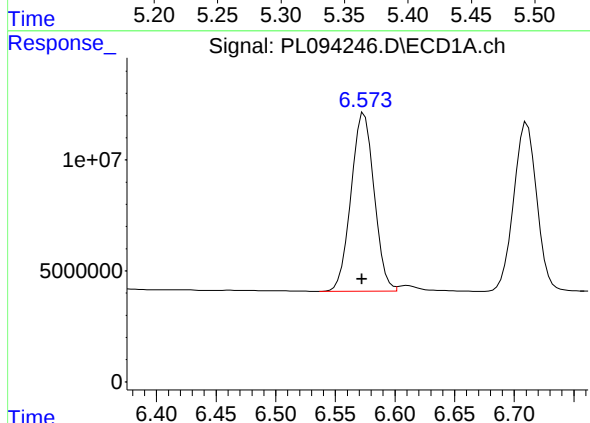
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



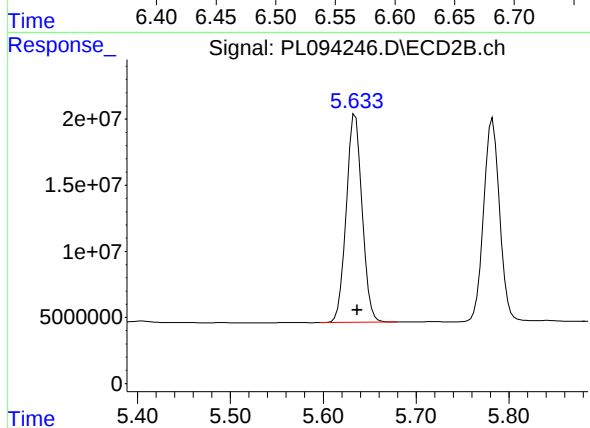
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 230103680
Conc: 53.57 ng/ml



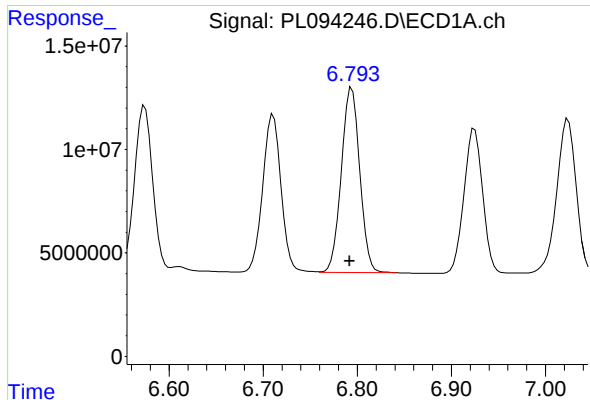
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 108215914
Conc: 46.15 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 186754210
Conc: 50.57 ng/ml m



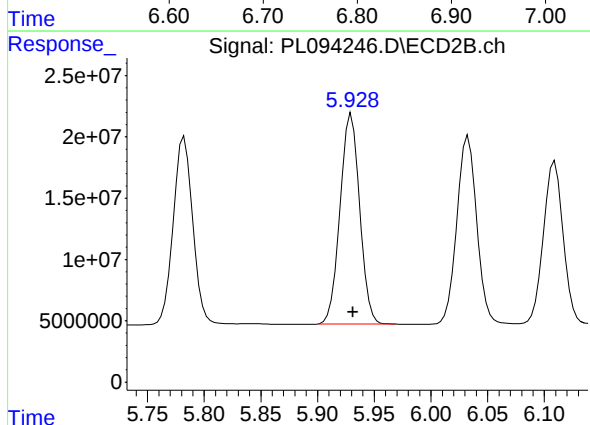
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 121684301
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

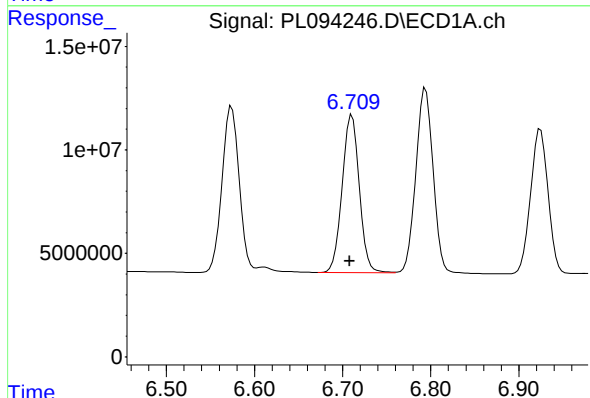
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



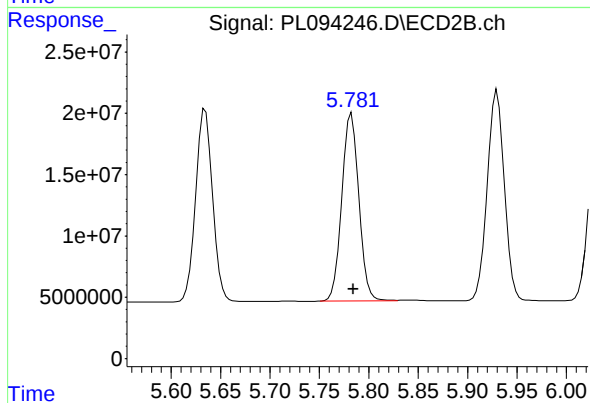
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 205917261
Conc: 55.60 ng/ml



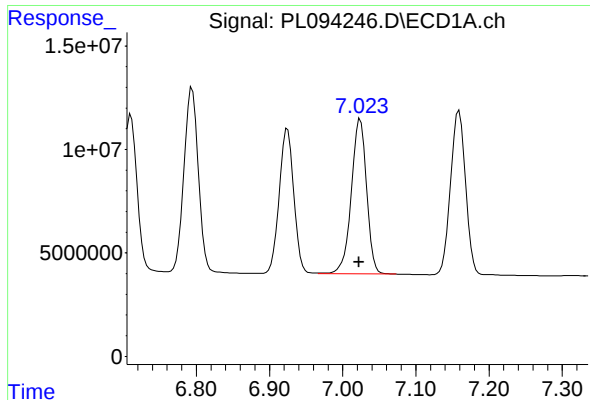
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.002 min
Response: 103225416
Conc: 54.31 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 183494264
Conc: 58.13 ng/ml



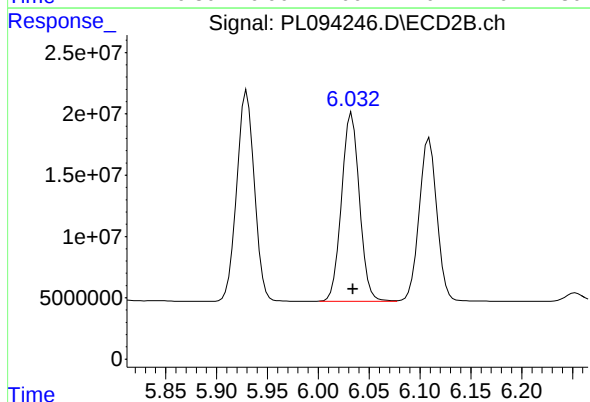
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 108688296
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

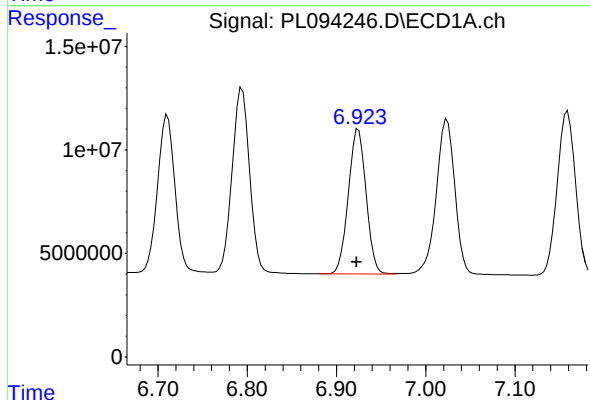
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



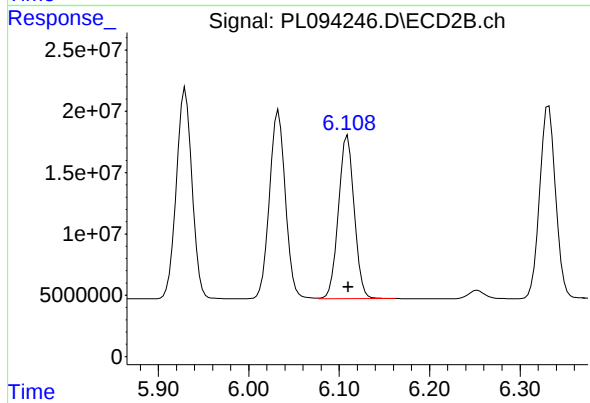
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 187843581
Conc: 57.73 ng/ml



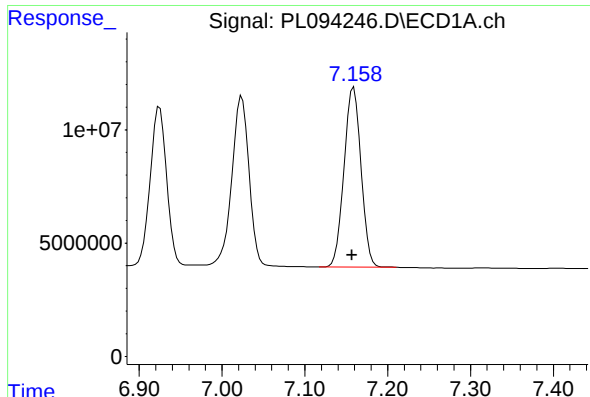
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 96851860
Conc: 49.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 161117857
Conc: 52.92 ng/ml



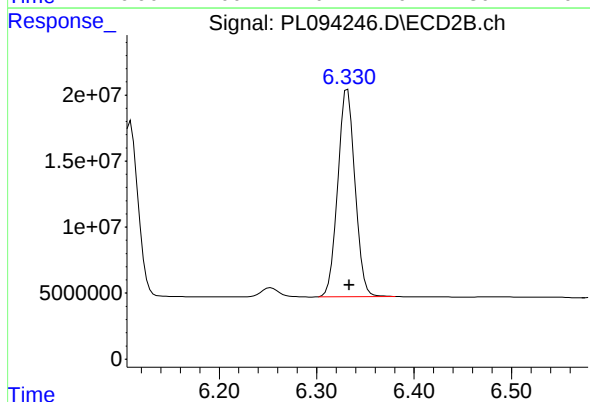
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 113132230
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

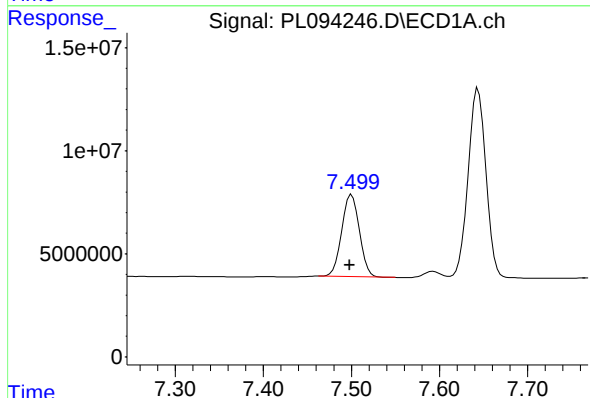
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



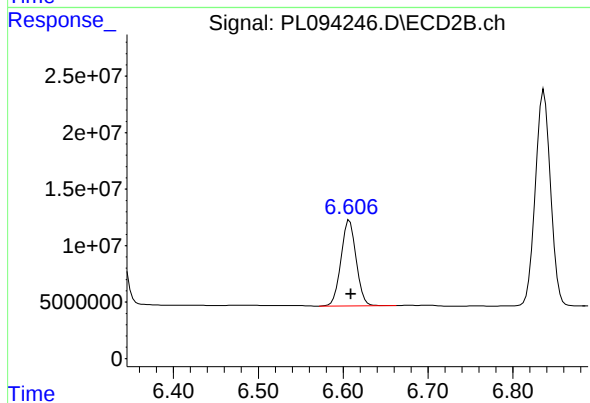
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 193220750
Conc: 54.18 ng/ml



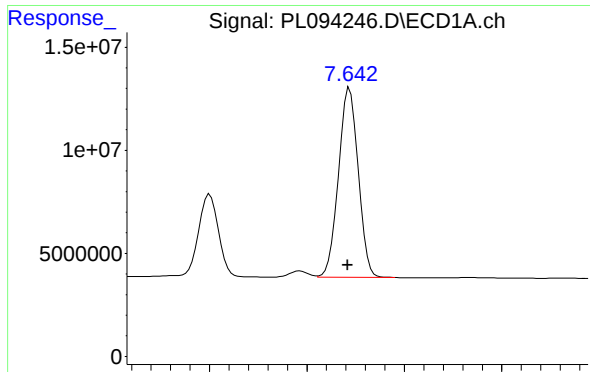
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 55296155
Conc: 53.00 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 94507335
Conc: 52.85 ng/ml



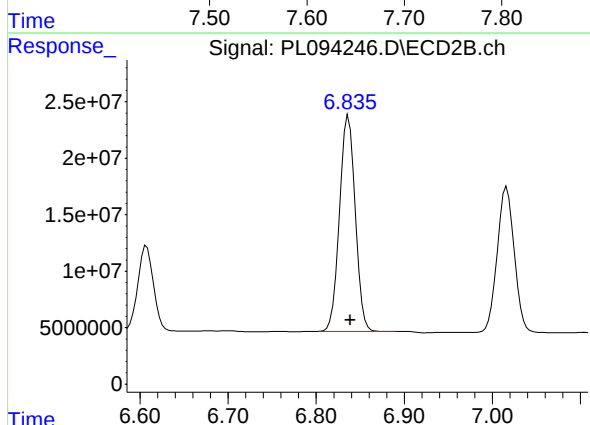
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 129370312
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

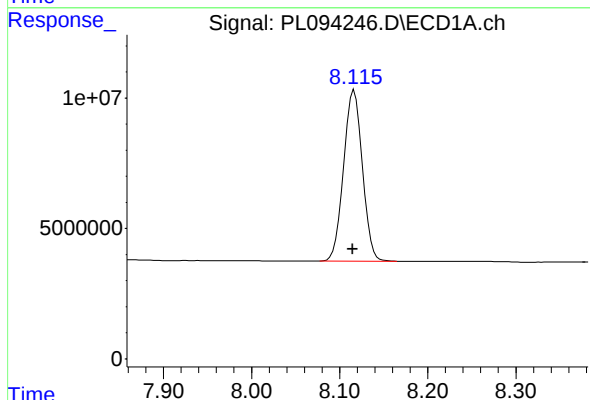
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



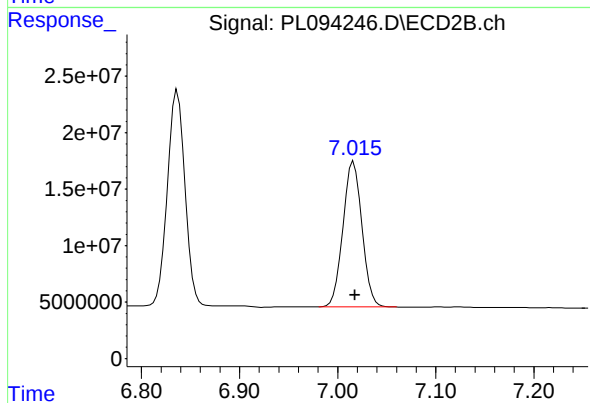
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 237459770
Conc: 56.60 ng/ml



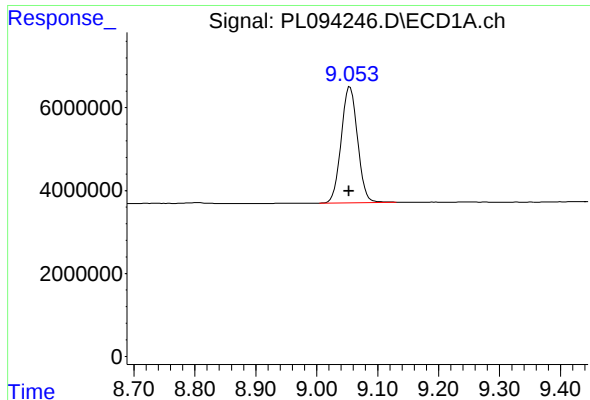
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.002 min
Response: 97284624
Conc: 46.72 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 173687894
Conc: 51.36 ng/ml



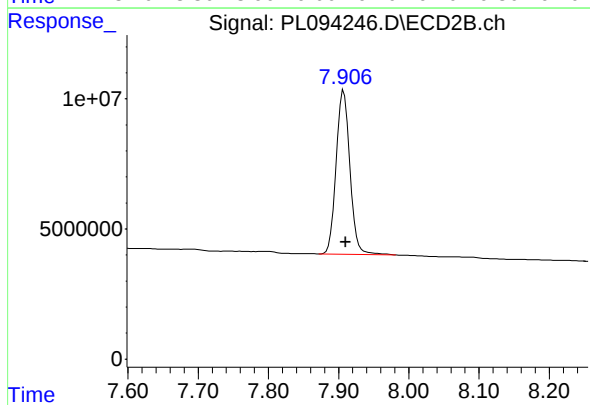
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 52233109
Conc: 24.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166752BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.002 min
Response: 85869403
Conc: 24.51 ng/ml