

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 18:44
 Operator : AR\AJ
 Sample : PB167076BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167076BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/12/2025
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 03:02:33 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...	3.543	2.770	51115091	64283128	18.058	18.010
28)	SA Decachlor...	9.062	7.907	48315844	89393078	22.926	22.131
Target Compounds							
2)	A alpha-BHC	4.000	3.272	177.4E6	233.8E6	42.717	43.371
3)	MA gamma-BHC...	4.331	3.602	170.6E6	222.8E6	42.758m	43.346
4)	MA Heptachlor	4.920	3.940	171.9E6	236.4E6	44.294	44.874
5)	MB Aldrin	5.262	4.220	163.2E6	217.0E6	44.194	44.493
6)	B beta-BHC	4.531	3.903	76033578	99058913	41.206	44.595
7)	B delta-BHC	4.778	4.132	179.0E6	221.6E6	45.968	44.293
8)	B Heptachlo...	5.689	4.721	150.5E6	212.1E6	44.998	46.323m
9)	A Endosulfan I	6.074	5.093	139.8E6	205.7E6	45.546	46.876
10)	B gamma-Chl...	5.945	4.973	152.2E6	222.0E6	45.166	45.981
11)	B alpha-Chl...	6.024	5.036	149.1E6	219.3E6	45.220	45.938
12)	B 4,4'-DDE	6.197	5.226	136.6E6	216.0E6	46.443	46.473
13)	MA Dieldrin	6.350	5.357	147.1E6	228.0E6	46.000	46.999
14)	MA Endrin	6.577	5.632	123.7E6	207.0E6	44.611m	47.428m
15)	B Endosulfa...	6.799	5.928	127.0E6	208.0E6	46.782	48.066
16)	A 4,4'-DDD	6.716	5.781	103.3E6	172.3E6	47.677	47.907
17)	MA 4,4'-DDT	7.029	6.031	111.9E6	195.2E6	47.062	48.417
18)	B Endrin al...	6.929	6.107	98487276	160.7E6	46.655	47.736
19)	B Endosulfa...	7.164	6.331	114.6E6	200.4E6	47.116	49.207
20)	A Methoxychlor	7.505	6.607	58248980	103.2E6	48.660	48.677
21)	B Endrin ke...	7.649	6.836	130.9E6	243.2E6	49.505	50.958
22)	Mirex	8.122	7.015	97662787	185.6E6	47.265	48.905

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:44
Operator : AR\AJ
Sample : PB167076BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

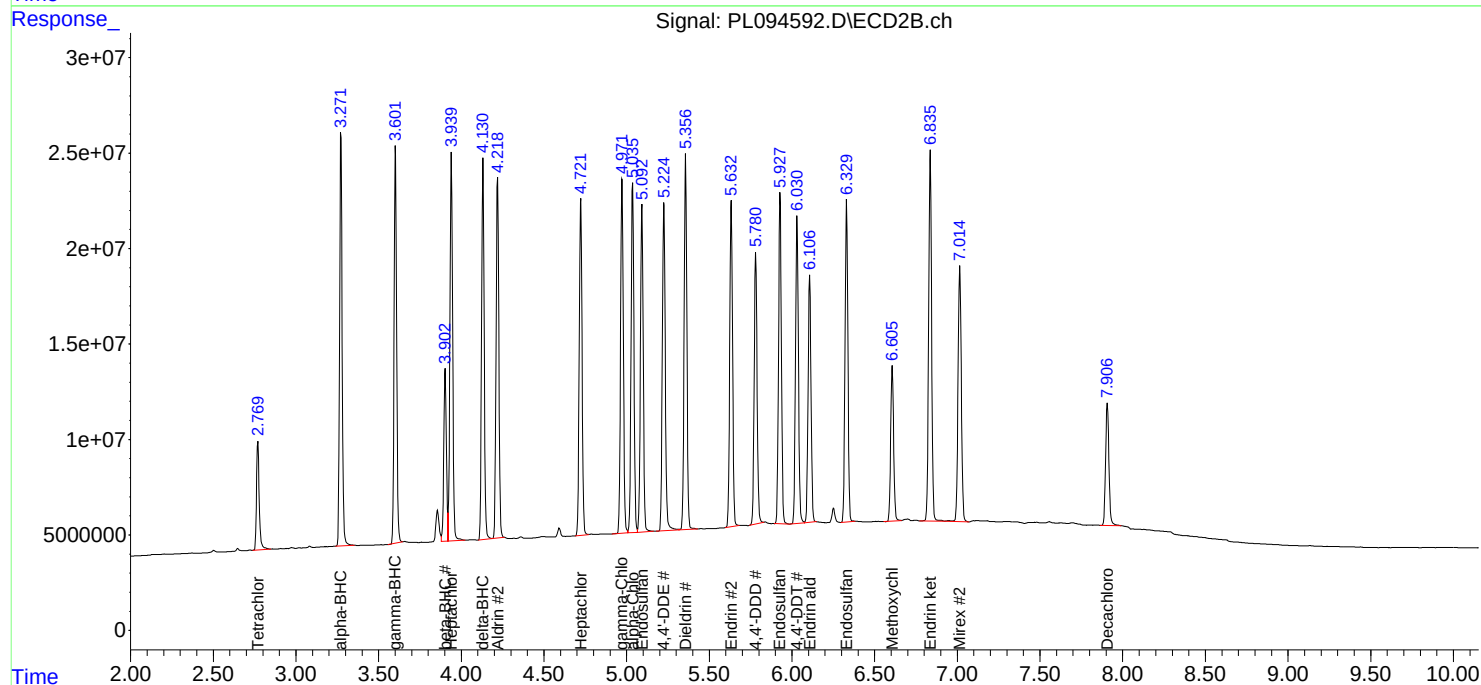
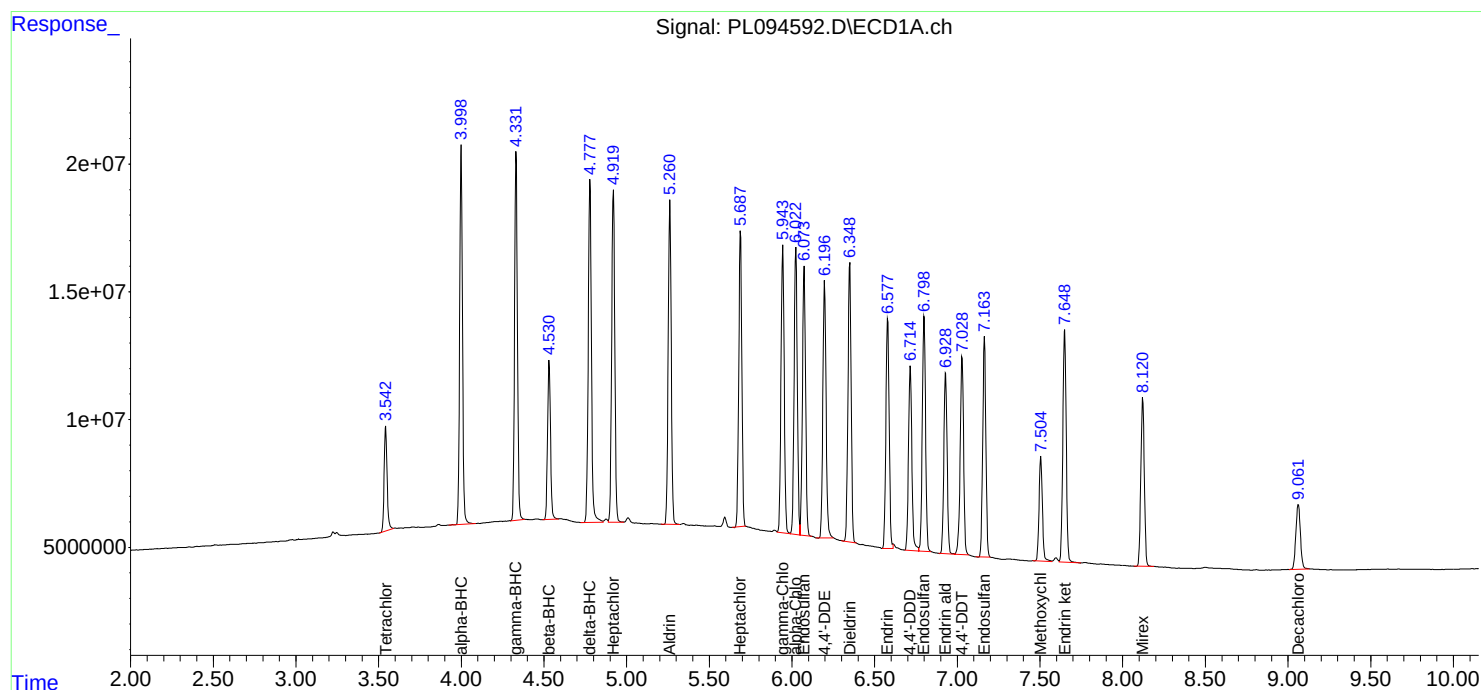
Instrument :
ECD_L
ClientSampleId :
PB167076BSD

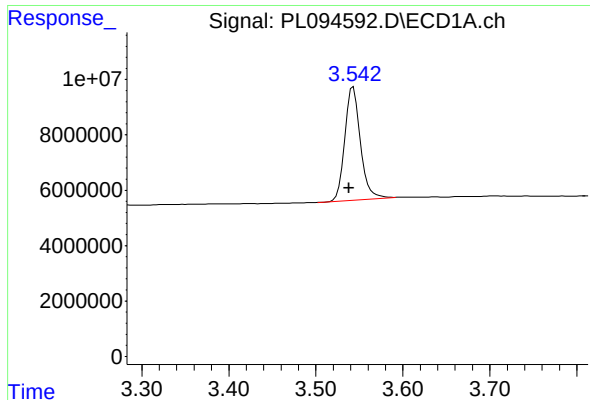
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:02:33 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





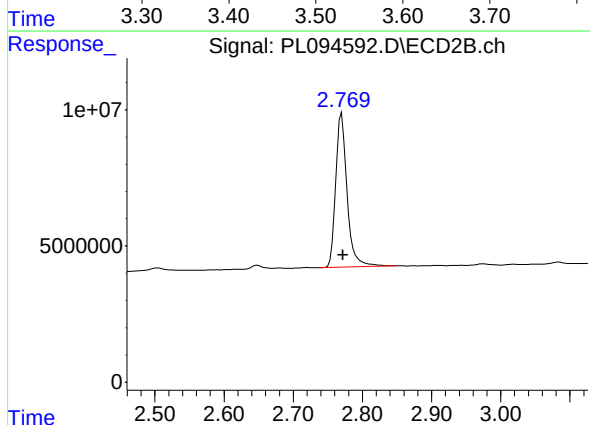
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.005 min
Response: 51115091
Conc: 18.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

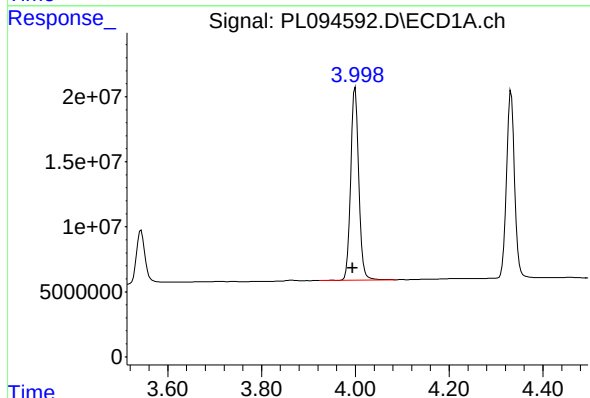
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



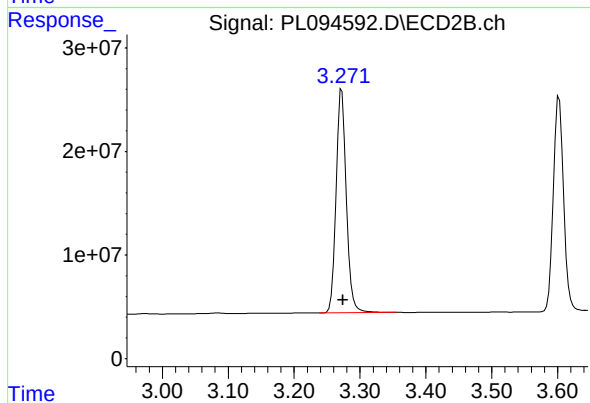
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 64283128
Conc: 18.01 ng/ml



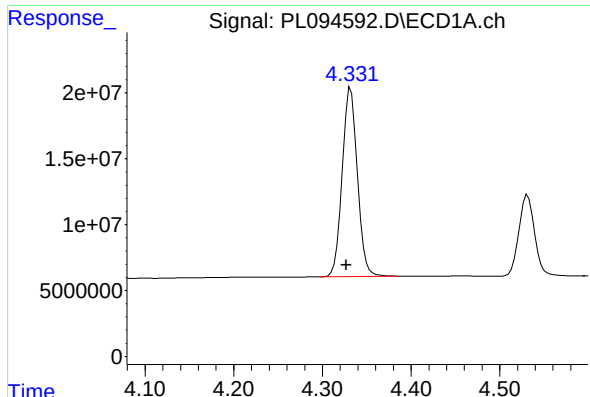
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 177377066
Conc: 42.72 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 233830383
Conc: 43.37 ng/ml



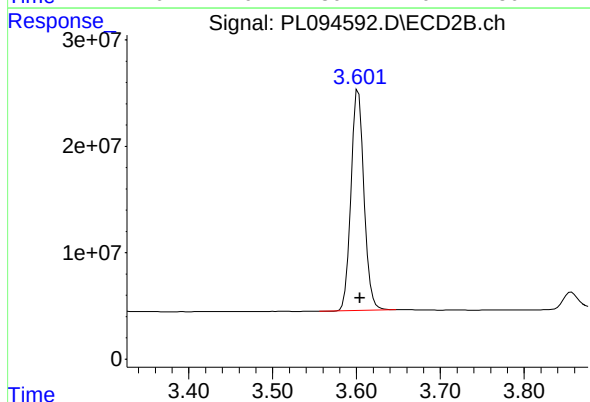
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.004 min
Response: 170616979
Conc: 42.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

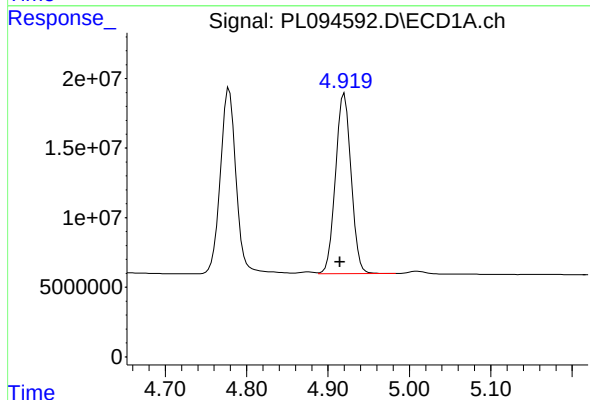
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



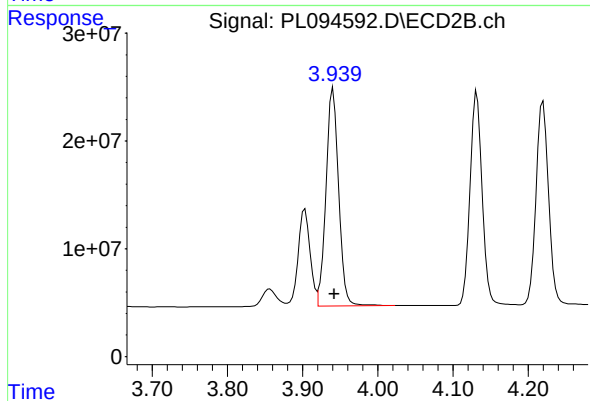
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 222777066
Conc: 43.35 ng/ml



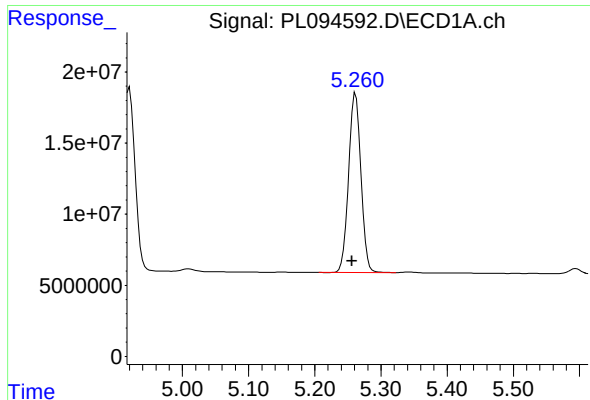
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.006 min
Response: 171931057
Conc: 44.29 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 236424096
Conc: 44.87 ng/ml



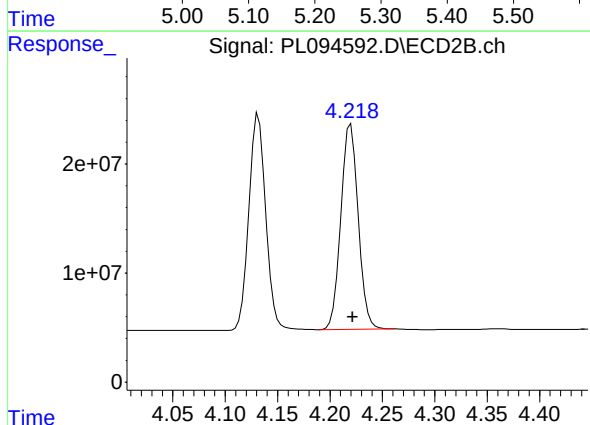
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.006 min
Response: 163173307
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

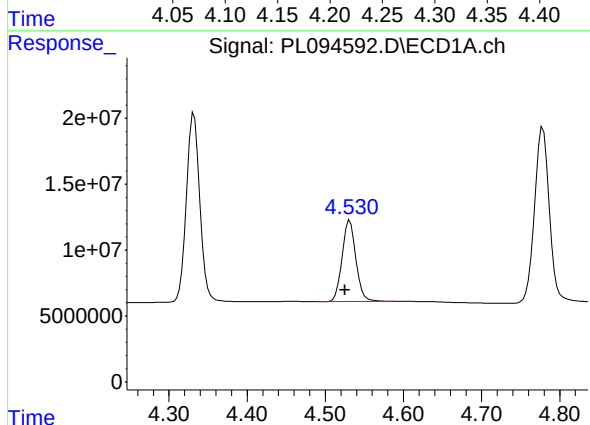
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



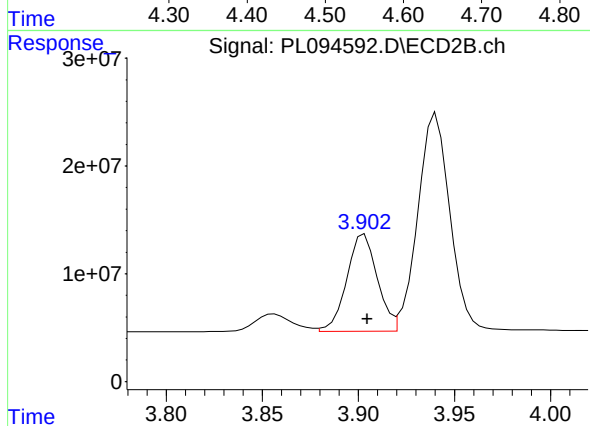
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 216962229
Conc: 44.49 ng/ml



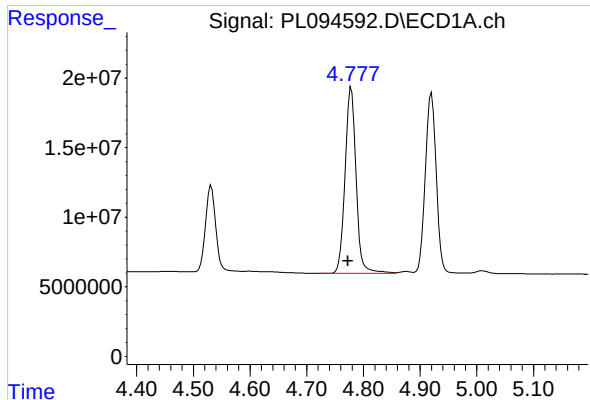
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 76033578
Conc: 41.21 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 99058913
Conc: 44.60 ng/ml



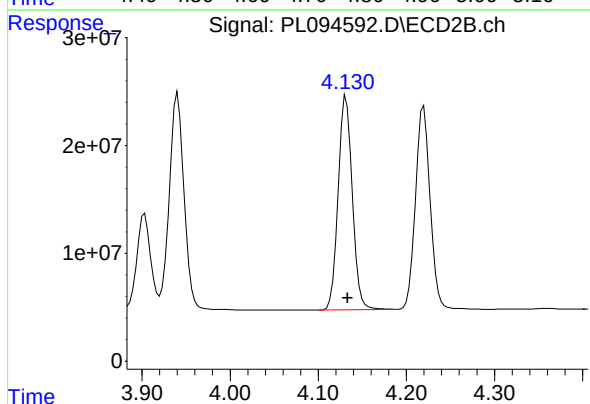
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.006 min
Response: 179012475
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

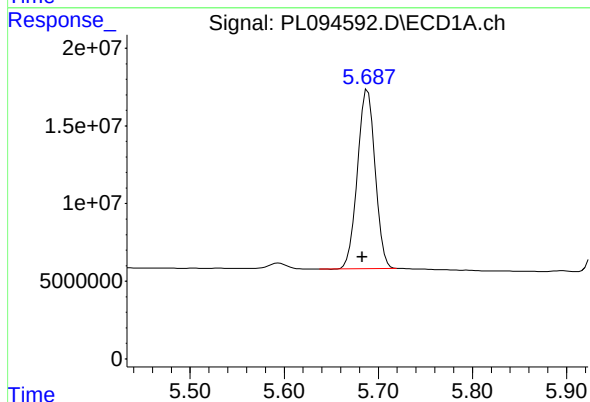
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



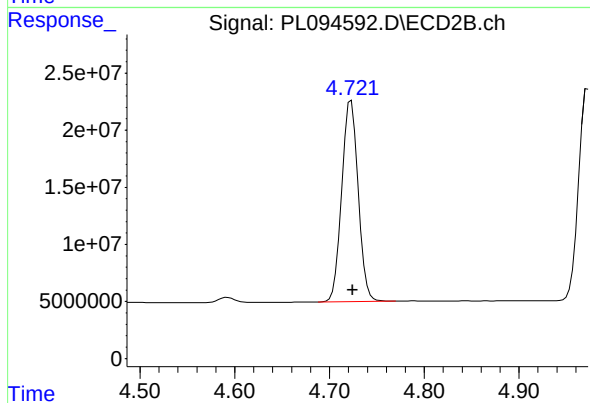
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.002 min
Response: 221552898
Conc: 44.29 ng/ml



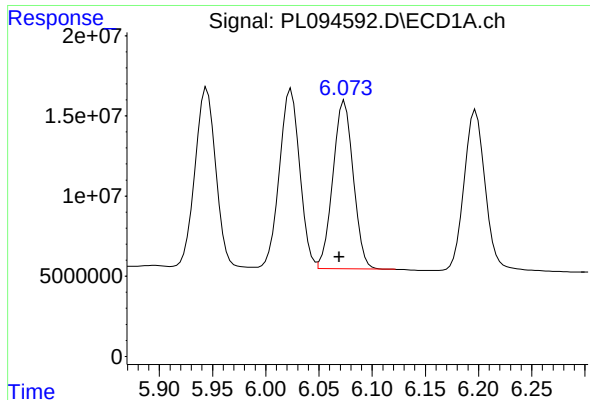
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.006 min
Response: 150526833
Conc: 45.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 212095409
Conc: 46.32 ng/ml m



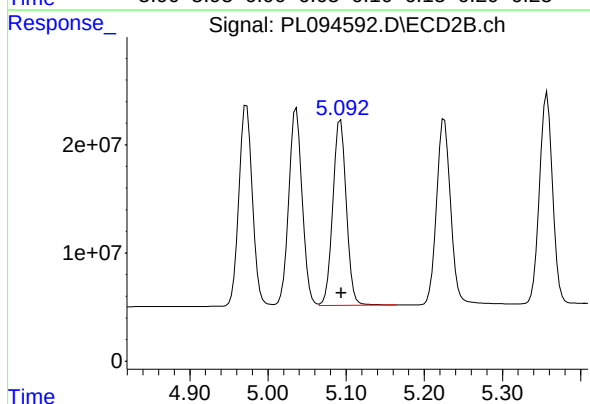
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 139836116
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

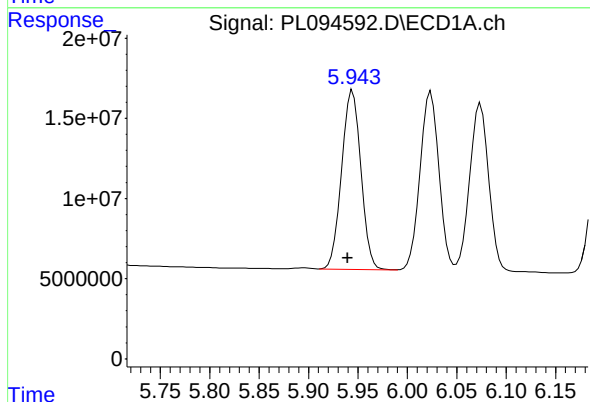
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



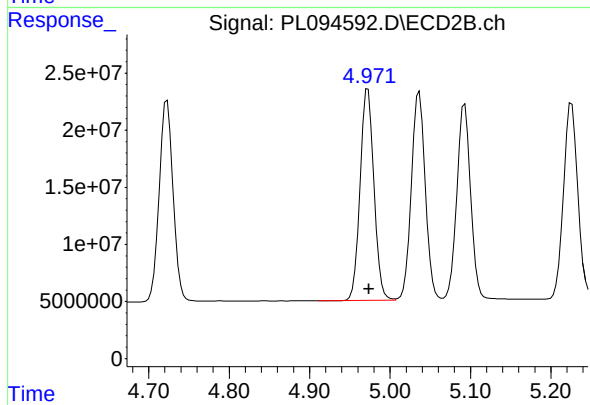
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 205725178
Conc: 46.88 ng/ml



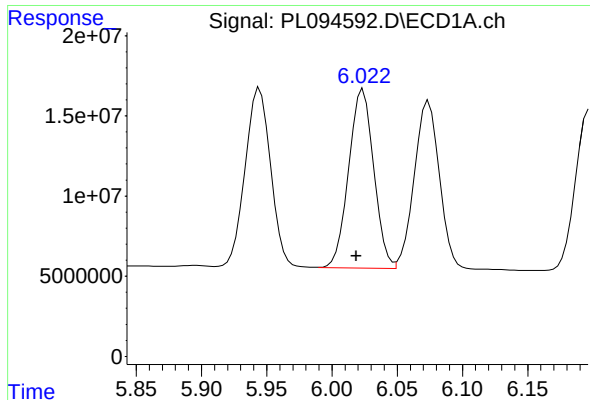
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.005 min
Response: 152181445
Conc: 45.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 222015641
Conc: 45.98 ng/ml



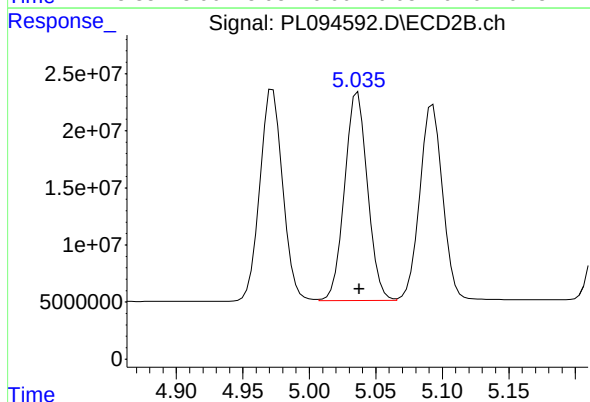
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.005 min
Response: 149083802
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

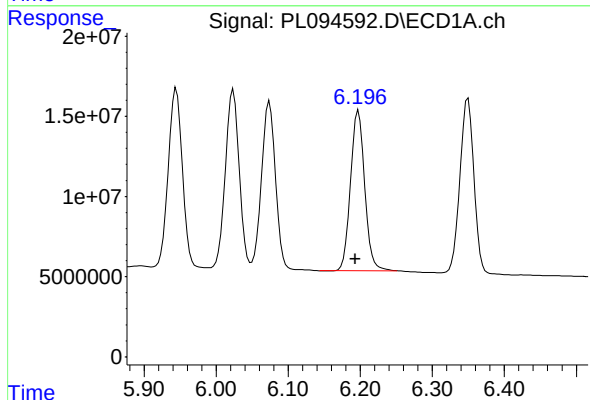
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



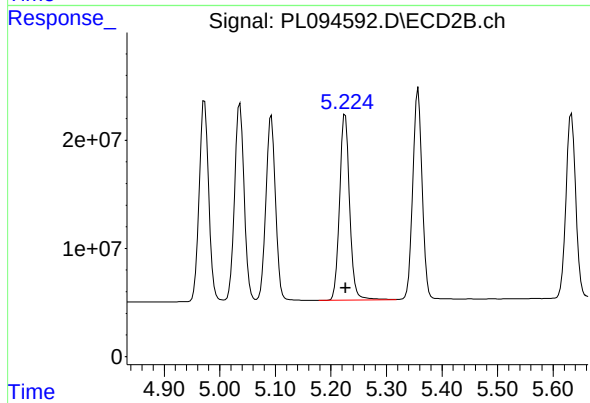
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 219253749
Conc: 45.94 ng/ml



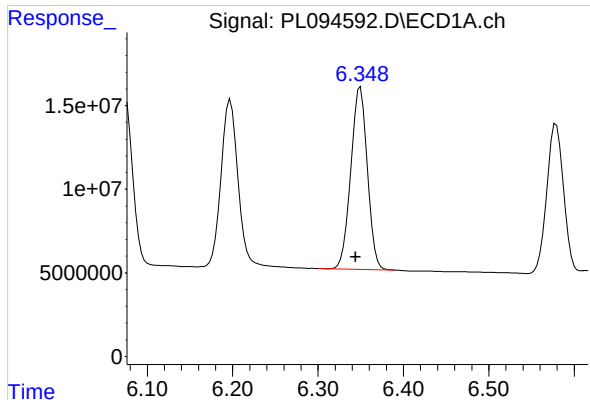
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 136636992
Conc: 46.44 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 216032441
Conc: 46.47 ng/ml



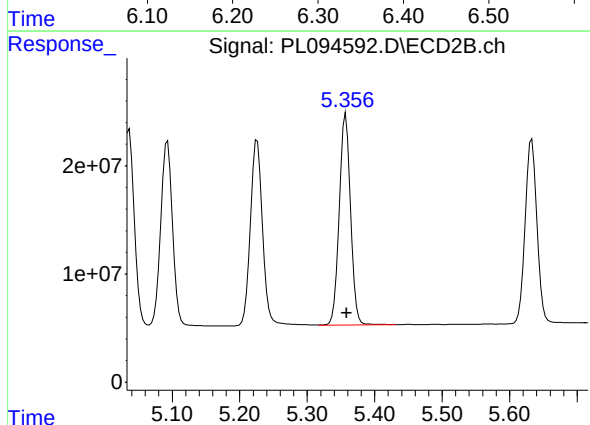
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.006 min
Response: 147114135
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

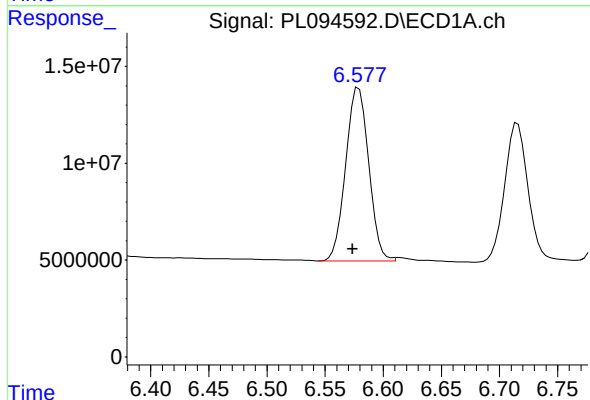
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



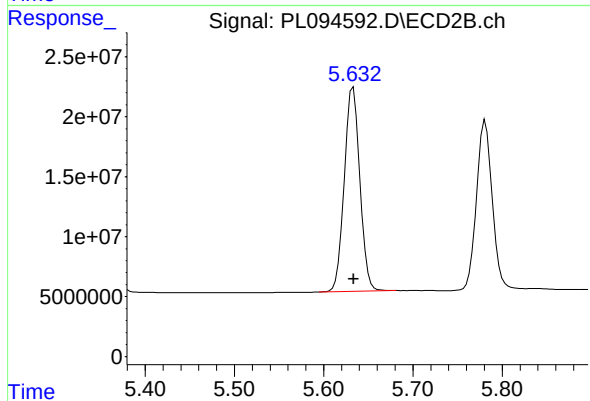
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 228030054
Conc: 47.00 ng/ml



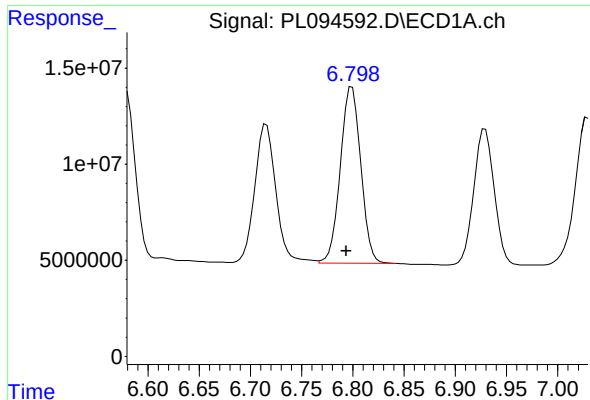
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.004 min
Response: 123665194
Conc: 44.61 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 206958040
Conc: 47.43 ng/ml m



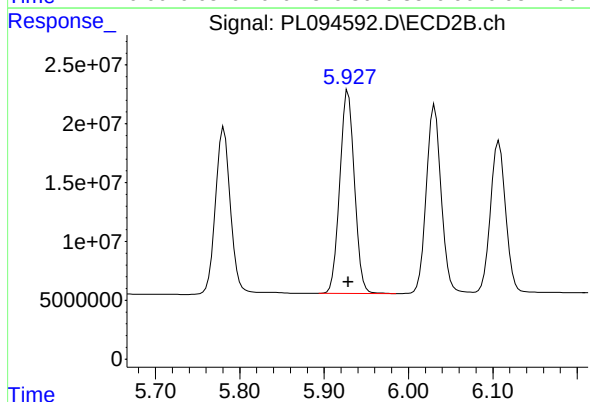
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 127000579
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

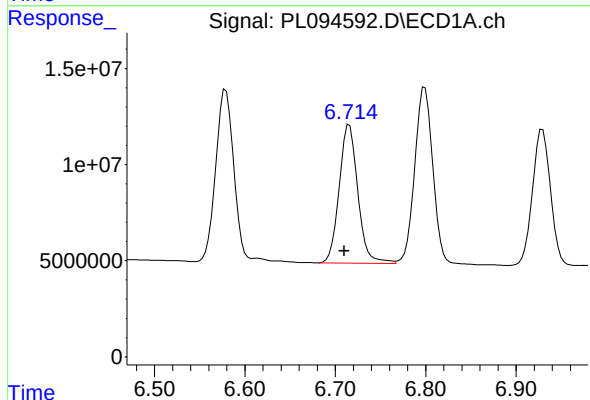
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



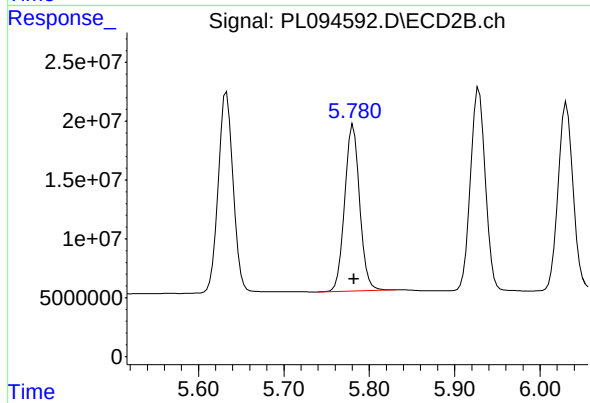
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 208042483
Conc: 48.07 ng/ml



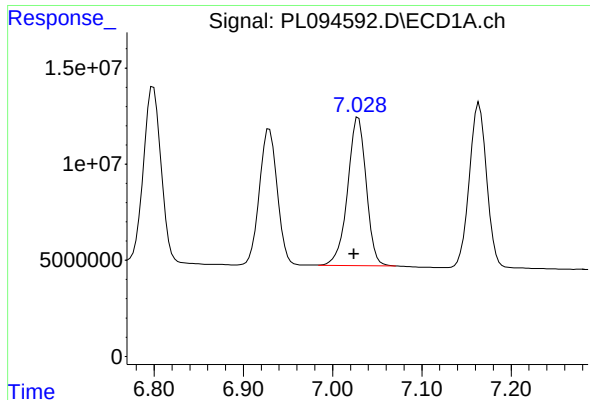
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.006 min
Response: 103272427
Conc: 47.68 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 172270163
Conc: 47.91 ng/ml



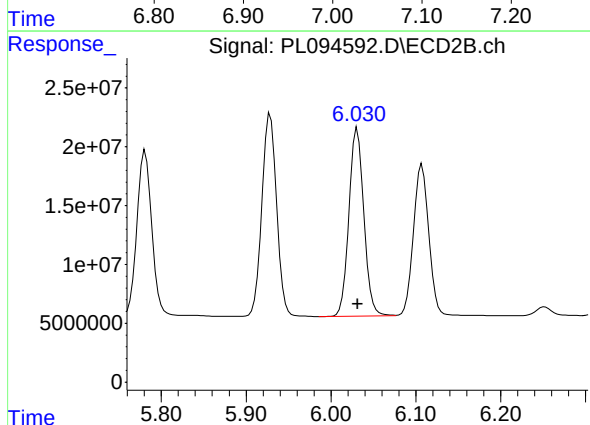
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.005 min
Response: 111937879
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

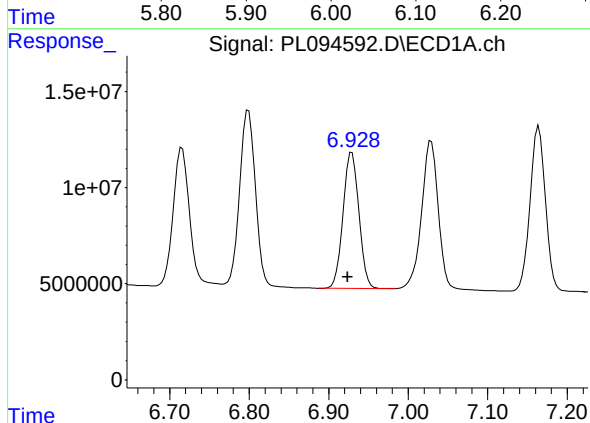
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



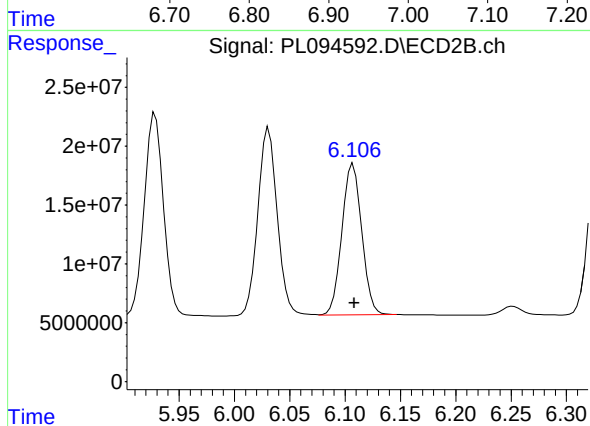
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 195224058
Conc: 48.42 ng/ml



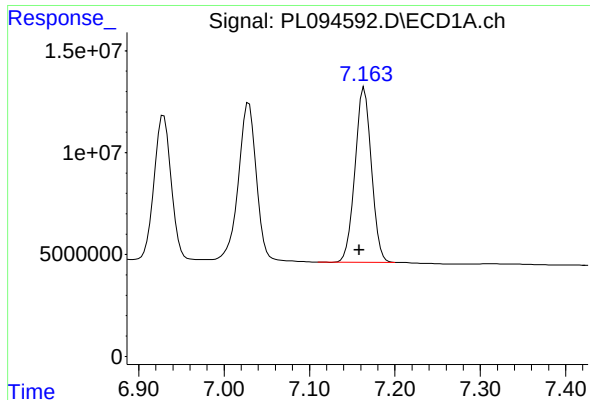
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 98487276
Conc: 46.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 160650559
Conc: 47.74 ng/ml



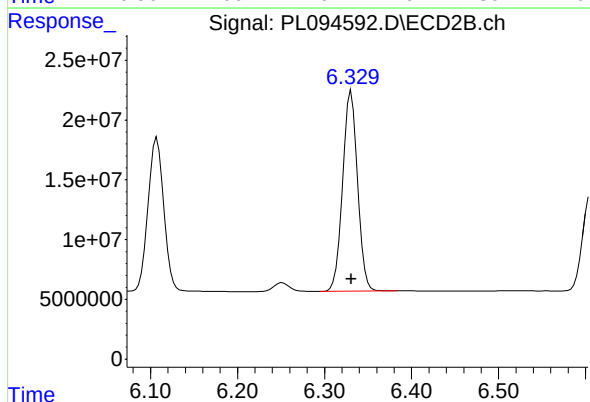
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.006 min
Response: 114586776
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

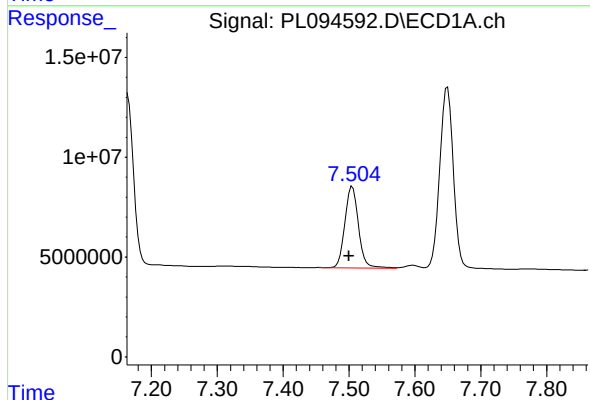
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



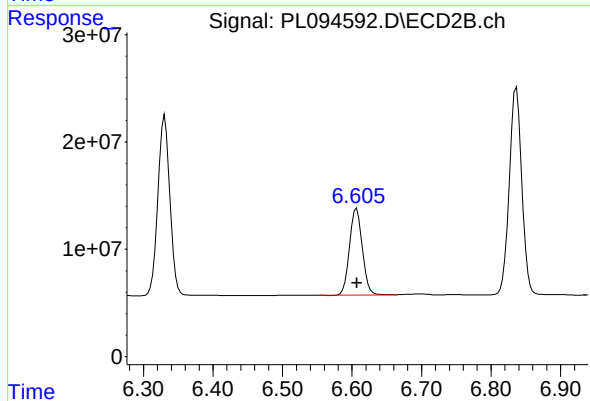
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 200441947
Conc: 49.21 ng/ml



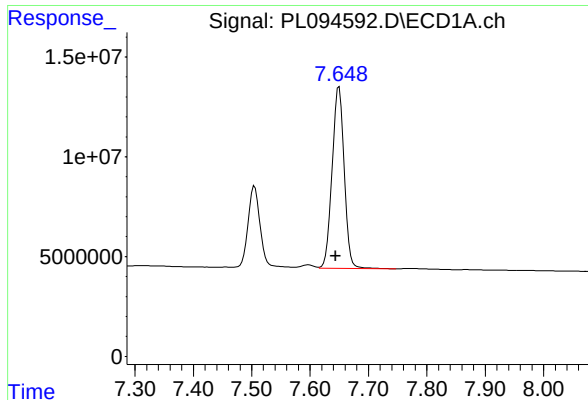
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 58248980
Conc: 48.66 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 103246444
Conc: 48.68 ng/ml



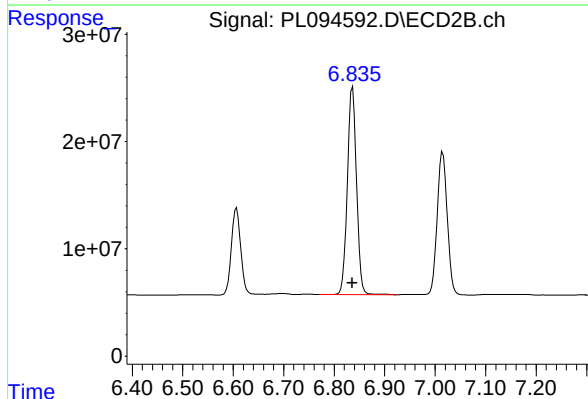
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.006 min
Response: 130855976
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

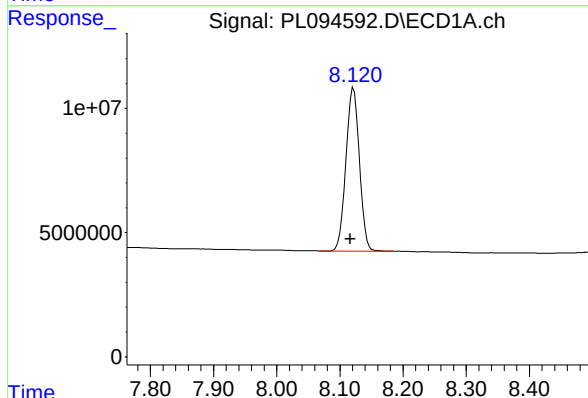
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



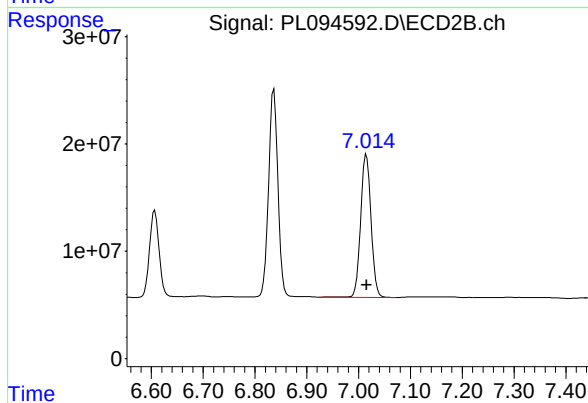
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 243202235
Conc: 50.96 ng/ml



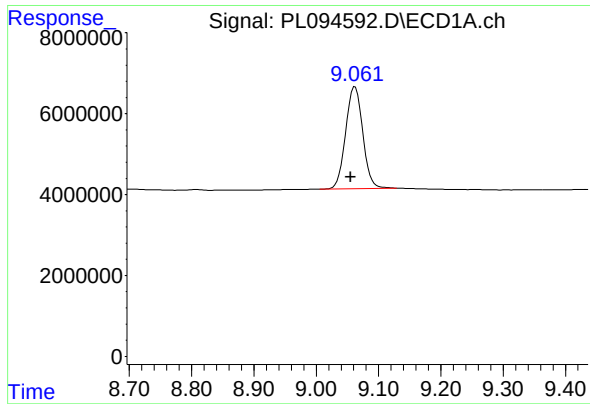
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.005 min
Response: 97662787
Conc: 47.26 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 185610267
Conc: 48.91 ng/ml



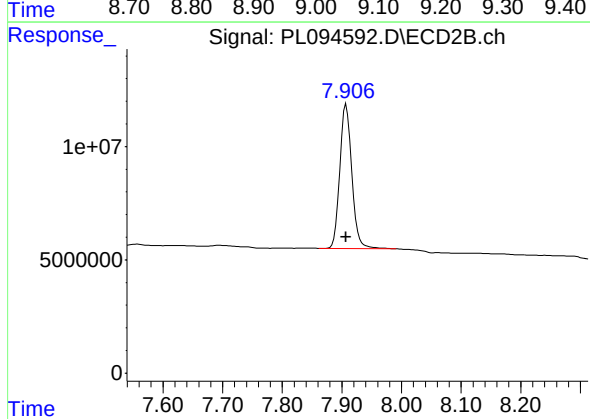
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.007 min
Response: 48315844
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 89393078
Conc: 22.13 ng/ml