

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 14:51
 Operator : AR\AJ
 Sample : PB166771BS (Sig #1); PB166771BS (Sig #2)
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166771BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 01:11:34 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...	3.537	2.771	56644945	68789373	21.036	21.074
28) SA Decachlor...	9.050	7.905	50606872	88208911	24.192	25.173
Target Compounds						
2) A alpha-BHC	3.993	3.274	181.1E6	245.3E6	47.249	50.180
3) MA gamma-BHC...	4.325	3.604	174.8E6	235.5E6	47.450	49.668
4) MA Heptachlor	4.912	3.941	172.7E6	250.9E6	52.700m	53.910
5) MB Aldrin	5.254	4.221	162.5E6	232.7E6	49.668	51.018
6) B beta-BHC	4.524	3.904	77824335	101.7E6	48.419	50.896
7) B delta-BHC	4.771	4.132	167.9E6	231.1E6	47.895	48.647
8) B Heptachlo...	5.681	4.723	149.8E6	223.4E6	50.385	53.445
9) A Endosulfan I	6.066	5.093	136.1E6	212.8E6	51.491	54.896
10) B gamma-Chl...	5.937	4.973	147.1E6	233.6E6	52.773	55.114
11) B alpha-Chl...	6.016	5.036	145.8E6	229.5E6	52.295	54.816
12) B 4,4'-DDE	6.189	5.226	128.2E6	219.5E6	52.658	54.747
13) MA Dieldrin	6.341	5.356	142.5E6	234.5E6	51.339	54.585m
14) MA Endrin	6.569	5.631	123.2E6	212.9E6	52.542m	57.658m
15) B Endosulfa...	6.791	5.926	124.7E6	210.8E6	51.758	56.913m
16) A 4,4'-DDD	6.707	5.781	94978625	171.7E6	49.974	54.388
17) MA 4,4'-DDT	7.020	6.031	107.9E6	197.0E6	54.717	60.542
18) B Endrin al...	6.921	6.107	95590321	162.5E6	49.171	53.367
19) B Endosulfa...	7.156	6.329	113.6E6	201.4E6	50.176	56.470
20) A Methoxychlor	7.497	6.605	55483784	103.3E6	53.176	57.753
21) B Endrin ke...	7.640	6.834	125.8E6	234.9E6	49.851	55.996
22) Mirex	8.112	7.014	99610293	179.7E6	47.832	53.132

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 14:51
Operator : AR\AJ
Sample : PB166771BS (Sig #1); PB166771BS (Sig #2)
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166771BS

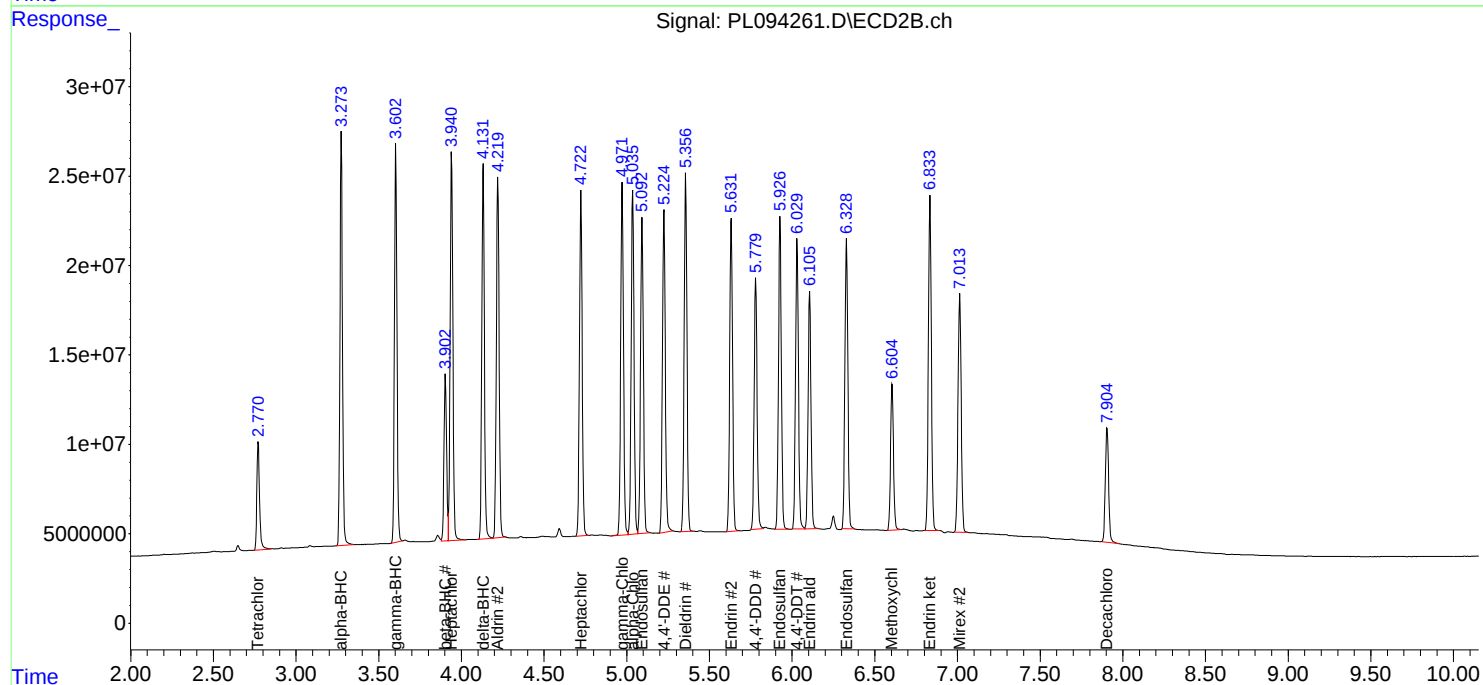
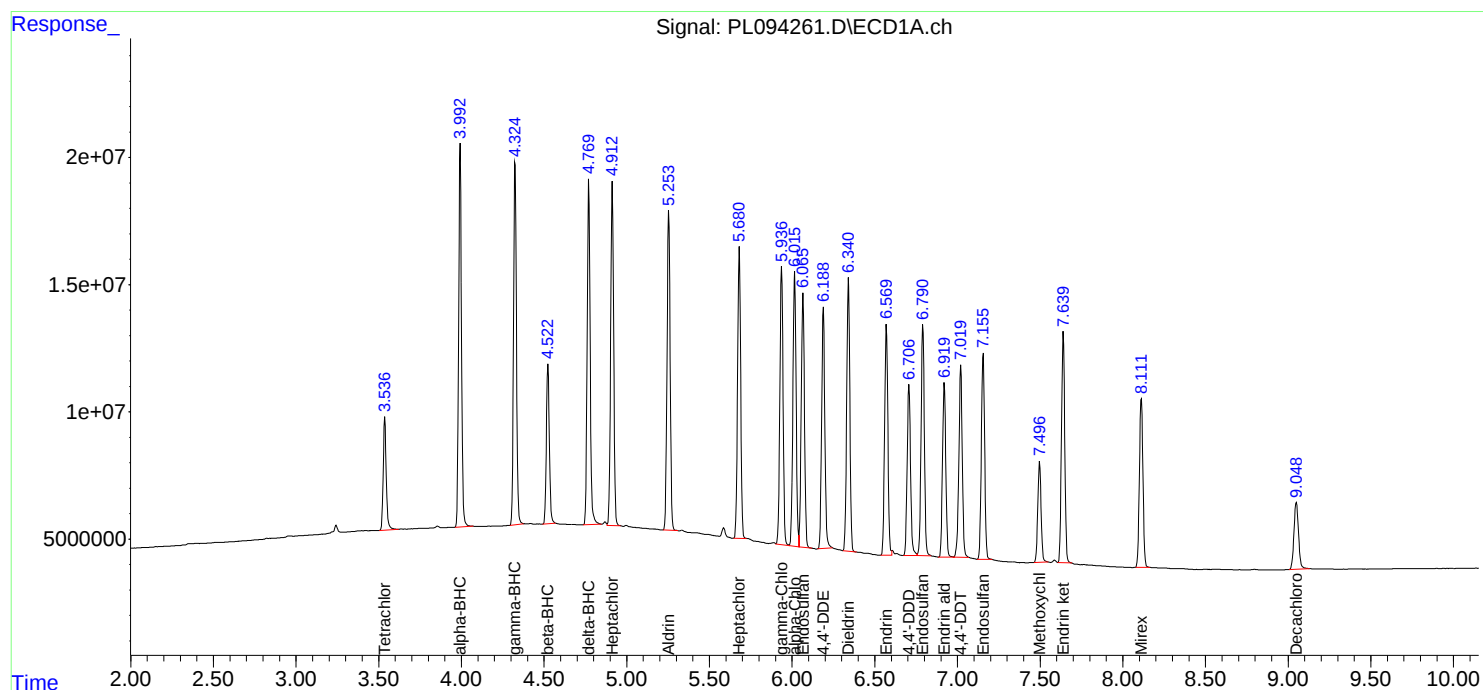
Manual Integrations

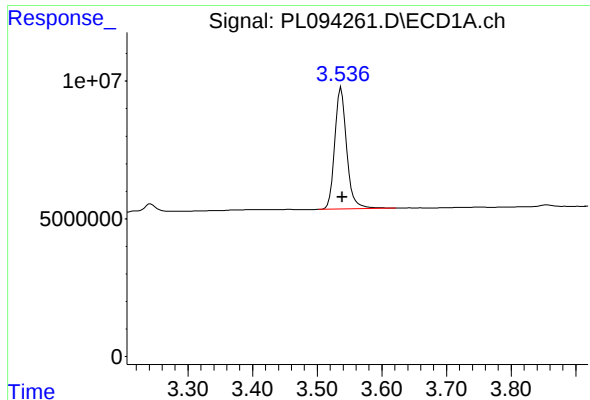
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:11:34 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





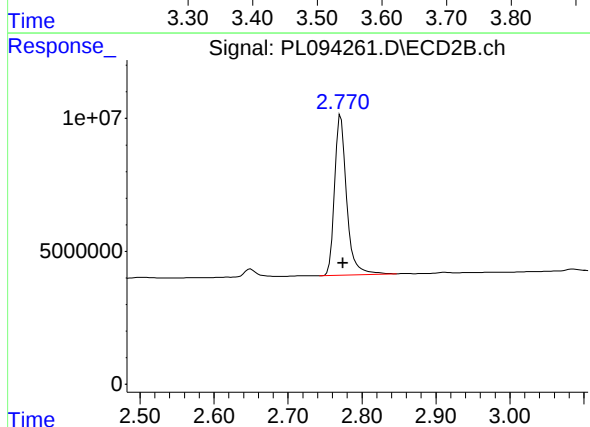
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 56644945
Conc: 21.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

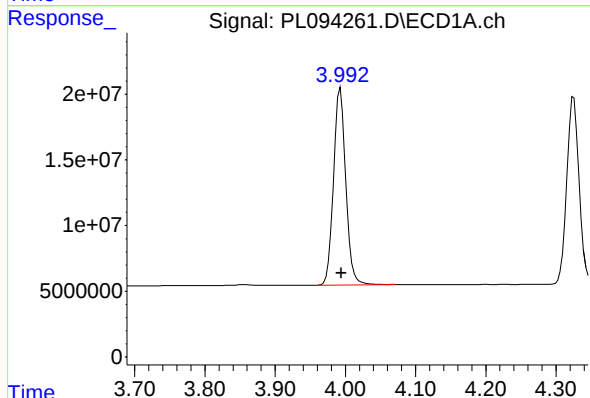
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



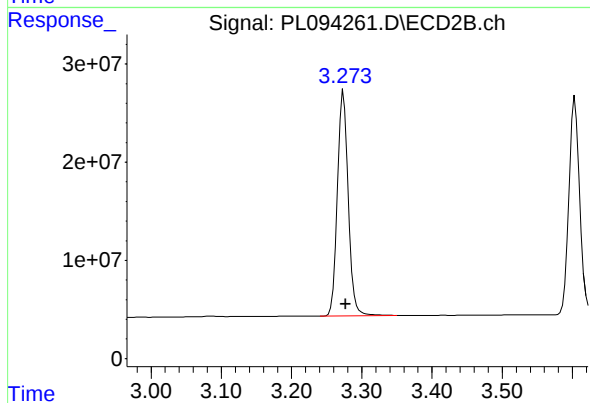
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.003 min
Response: 68789373
Conc: 21.07 ng/ml



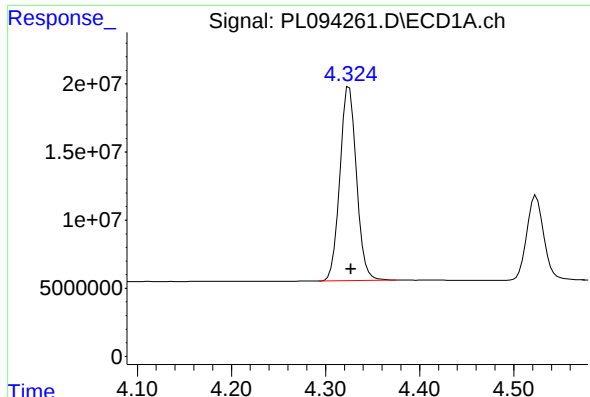
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 181144137
Conc: 47.25 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 245327108
Conc: 50.18 ng/ml



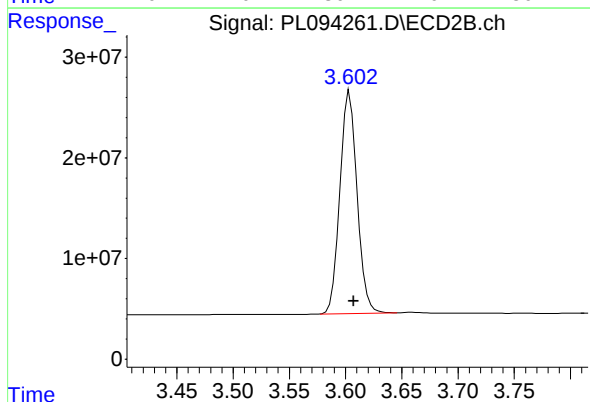
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 174752559
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

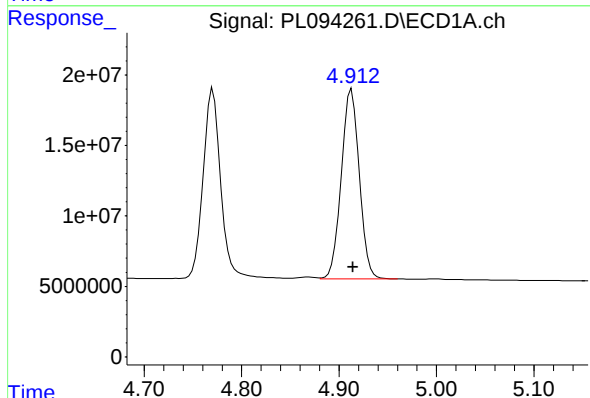
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



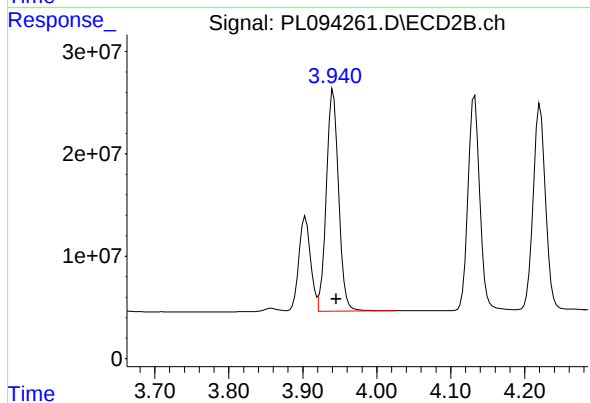
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 235486803
Conc: 49.67 ng/ml



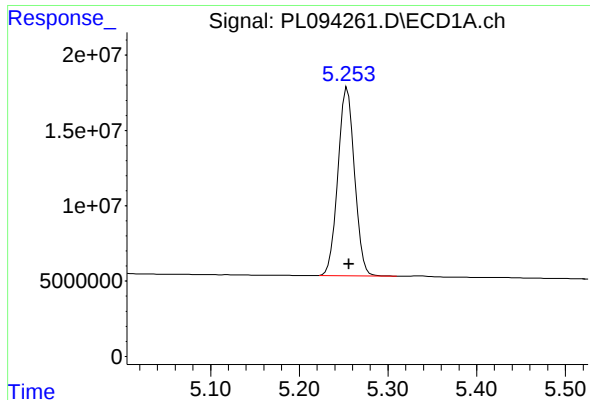
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 172716389
Conc: 52.70 ng/ml m



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 250942030
Conc: 53.91 ng/ml



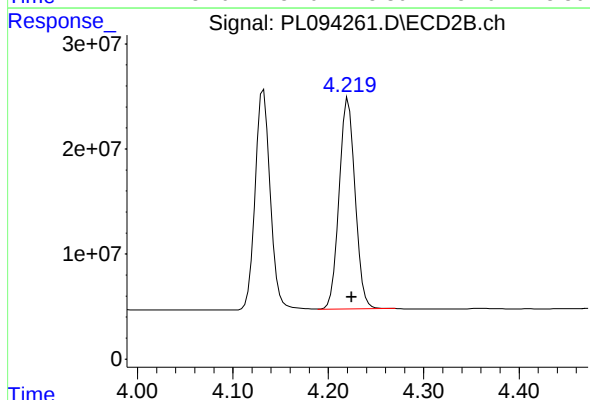
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 162512183
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

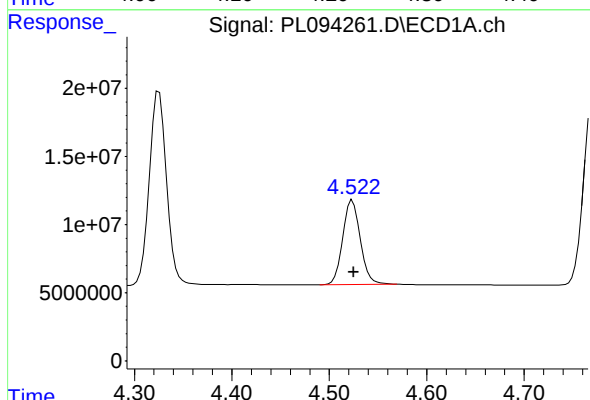
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



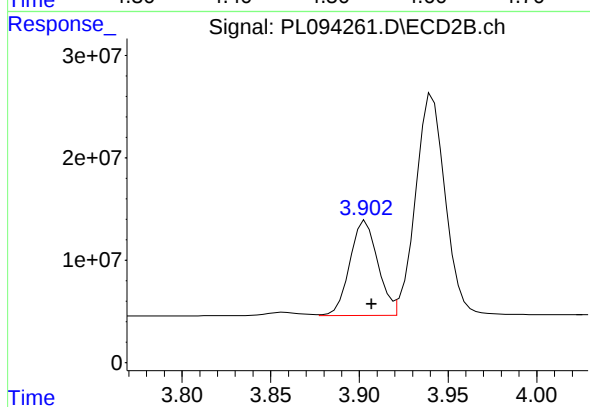
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 232735076
Conc: 51.02 ng/ml



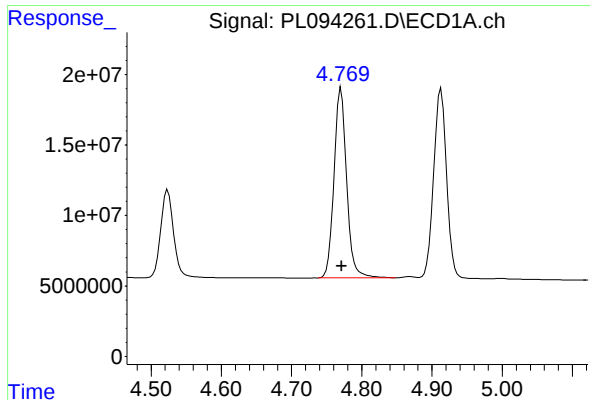
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 77824335
Conc: 48.42 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 101662255
Conc: 50.90 ng/ml



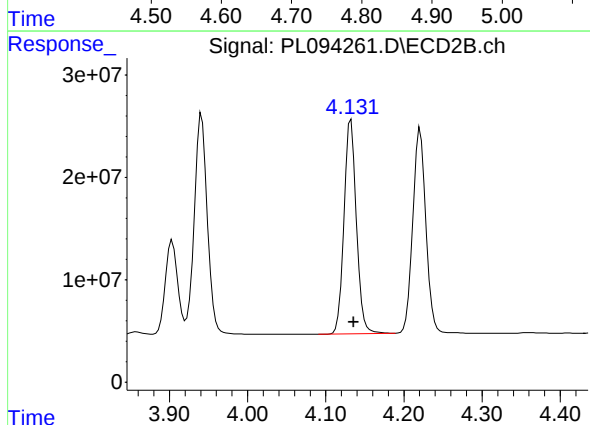
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 167884989
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

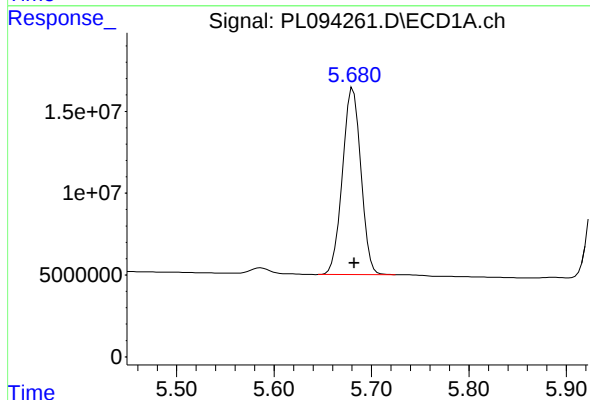
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



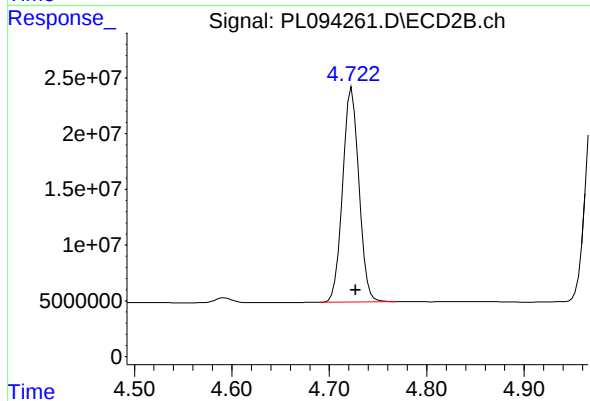
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 231131567
Conc: 48.65 ng/ml



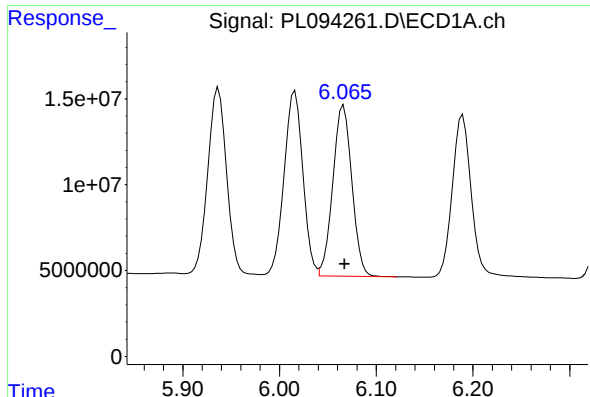
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 149835338
Conc: 50.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 223413083
Conc: 53.44 ng/ml



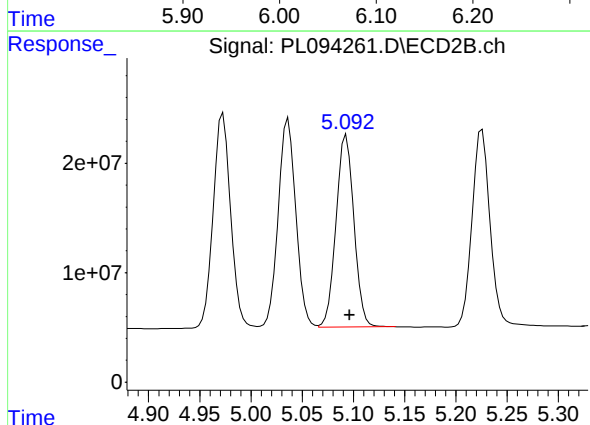
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 136083206
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

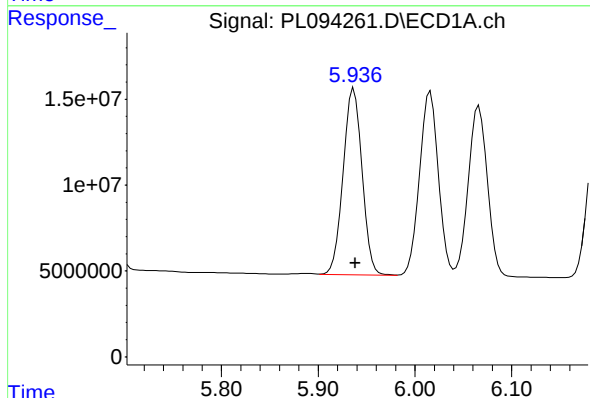
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



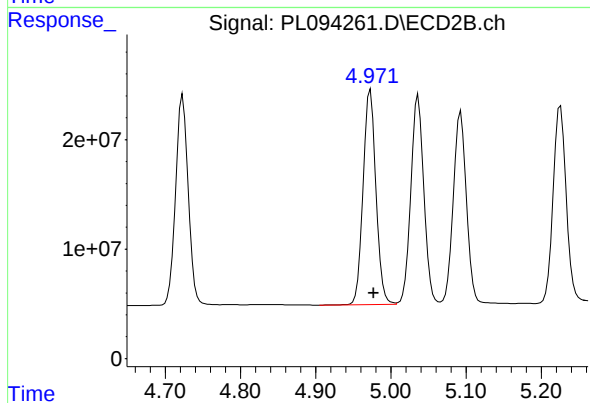
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 212829074
Conc: 54.90 ng/ml



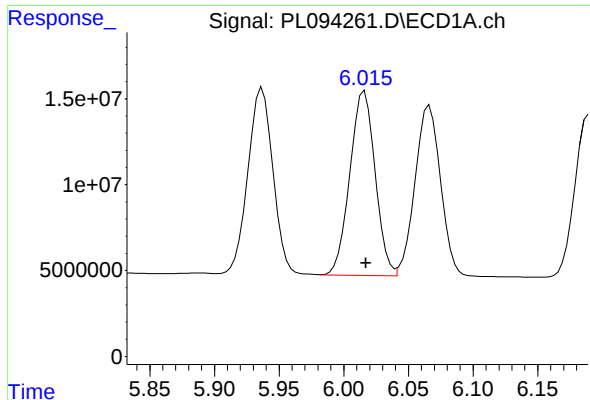
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 147098306
Conc: 52.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 233553091
Conc: 55.11 ng/ml



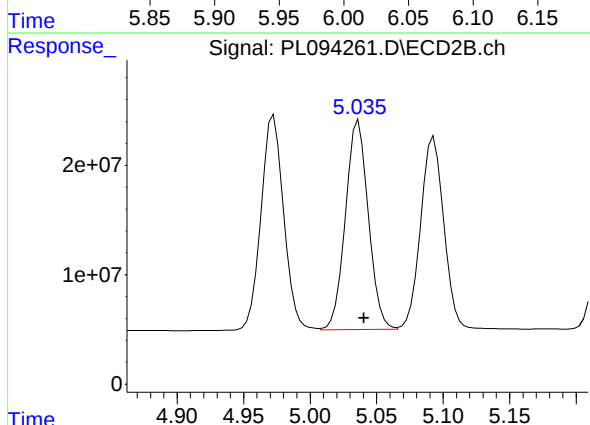
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 145820206
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

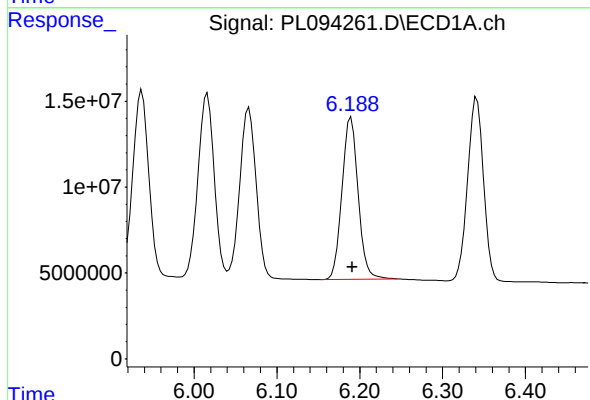
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



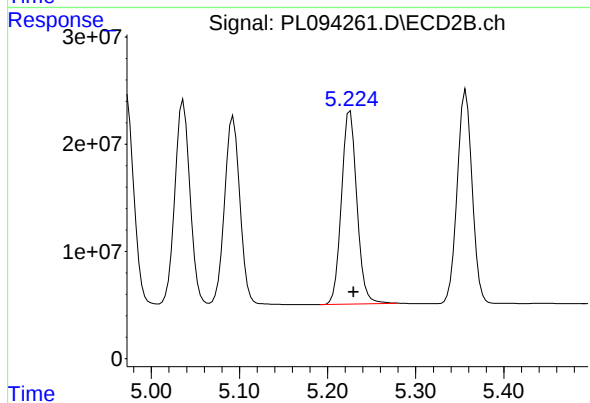
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 229490018
Conc: 54.82 ng/ml



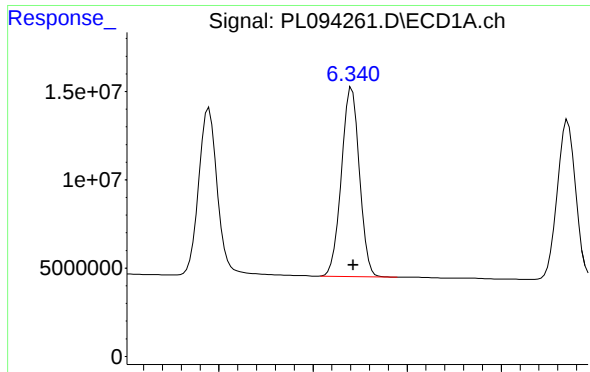
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 128200988
Conc: 52.66 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 219505530
Conc: 54.75 ng/ml



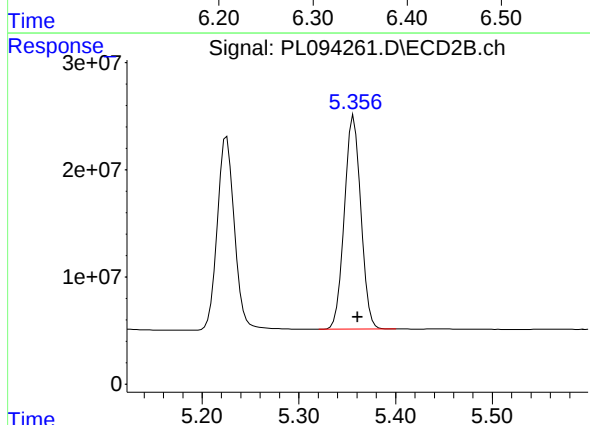
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 142509895
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

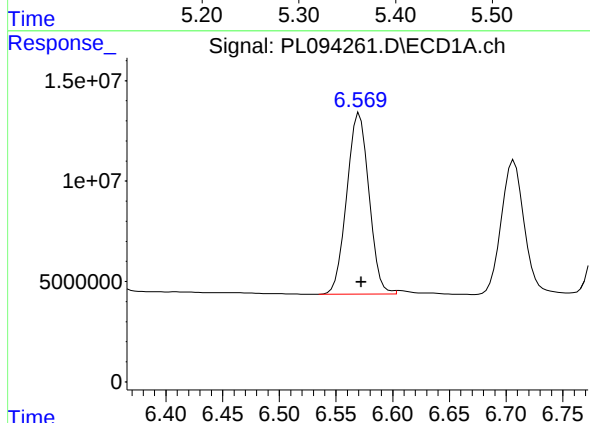
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



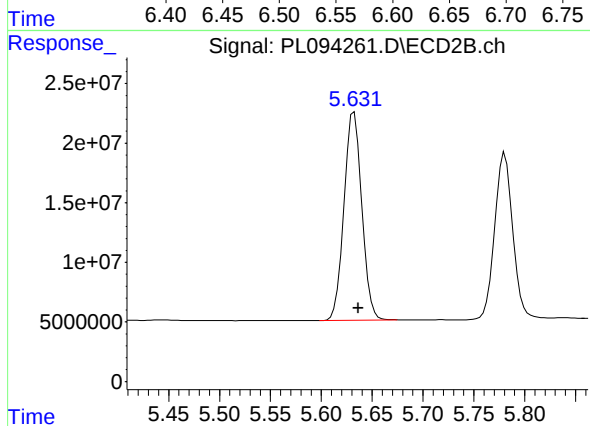
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 234477864
Conc: 54.59 ng/ml



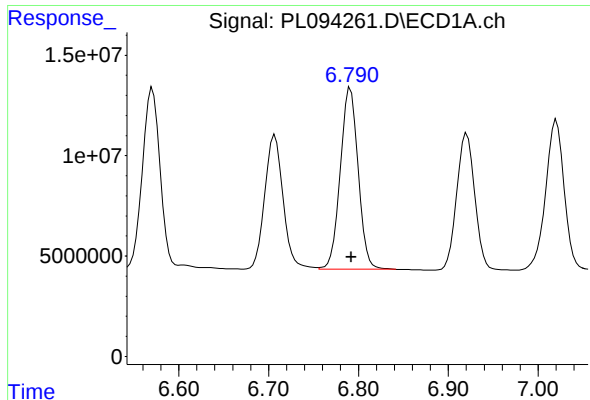
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.003 min
Response: 123200328
Conc: 52.54 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.006 min
Response: 212911196
Conc: 57.66 ng/ml



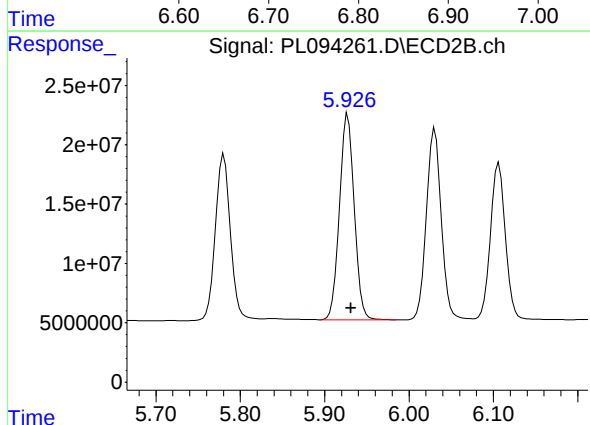
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 124704335
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

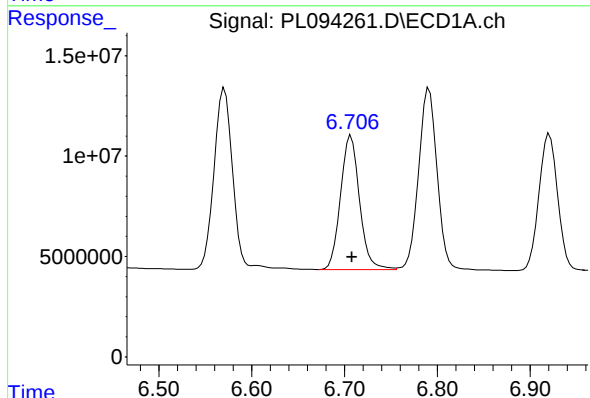
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



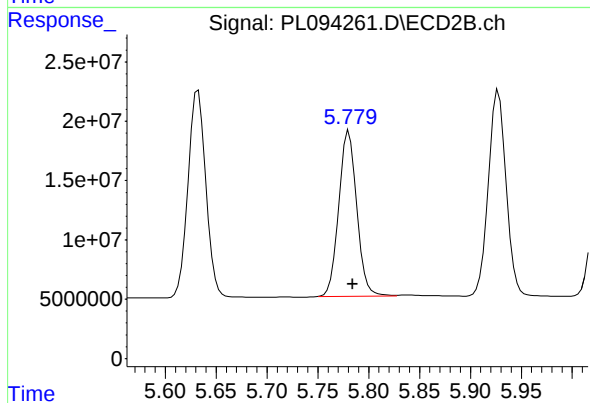
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 210796601
Conc: 56.91 ng/ml m



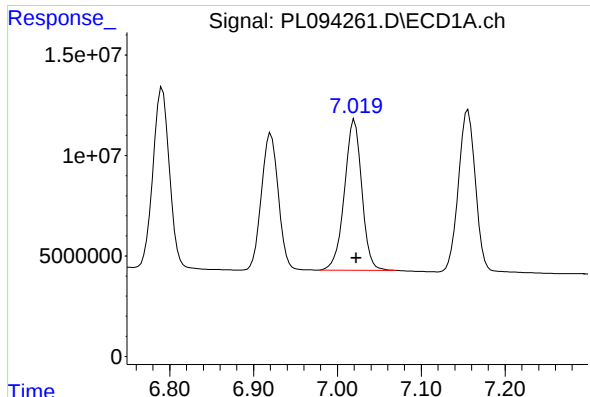
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.001 min
Response: 94978625
Conc: 49.97 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 171678634
Conc: 54.39 ng/ml



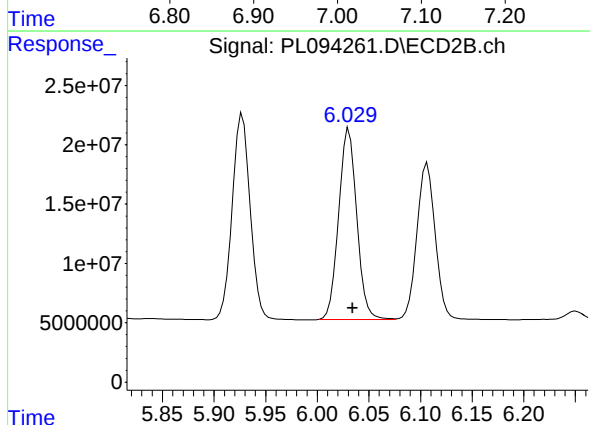
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 107905799
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

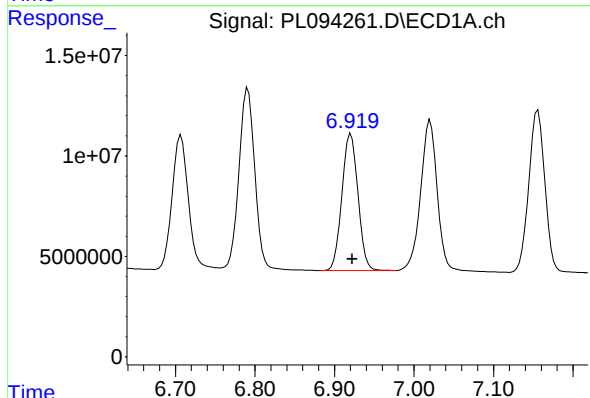
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



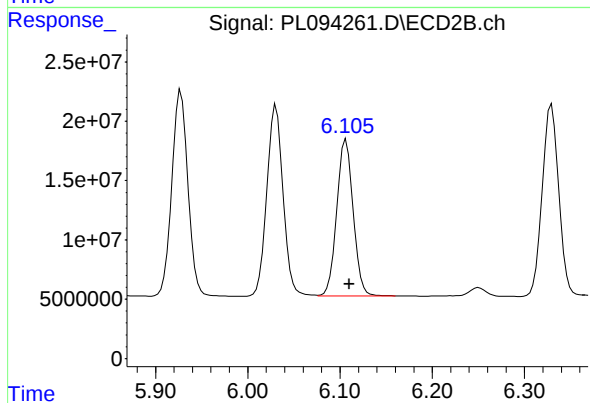
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 197005073
Conc: 60.54 ng/ml



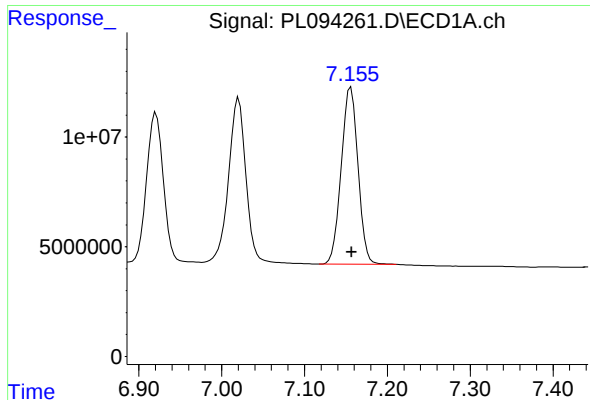
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 95590321
Conc: 49.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 162483420
Conc: 53.37 ng/ml



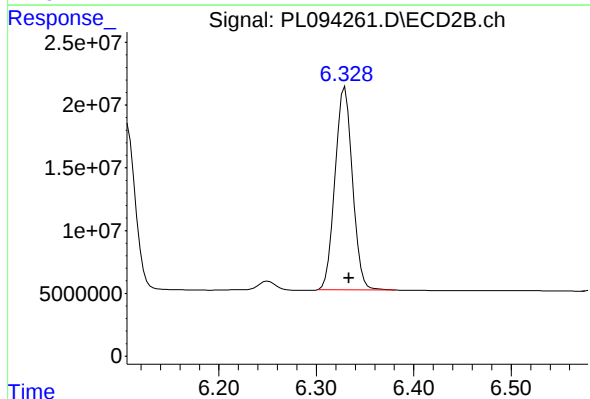
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.001 min
Response: 113585373
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

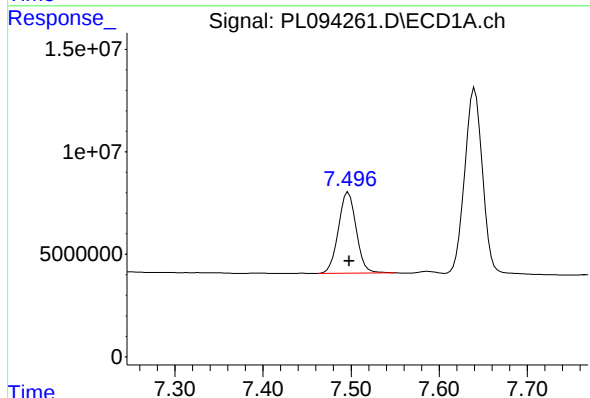
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



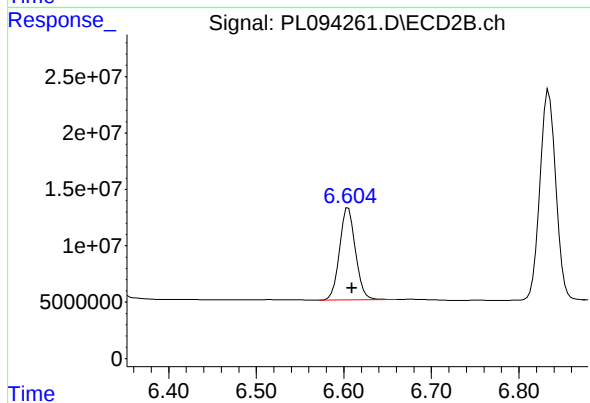
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 201375366
Conc: 56.47 ng/ml



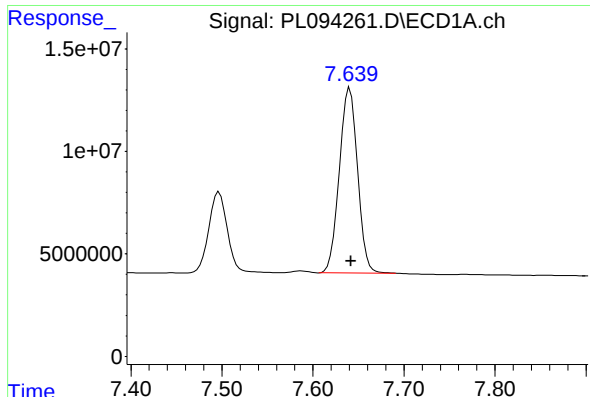
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 55483784
Conc: 53.18 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 103270297
Conc: 57.75 ng/ml



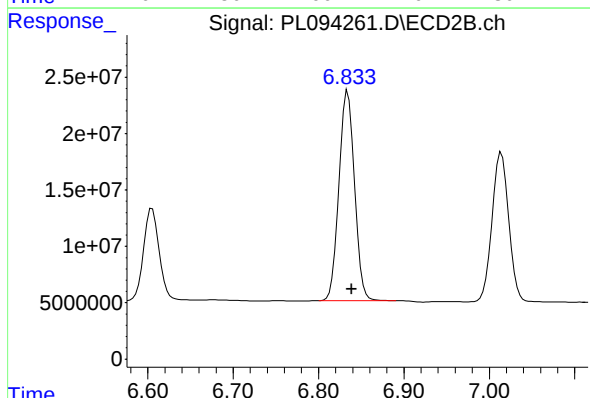
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.001 min
Response: 125754855
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

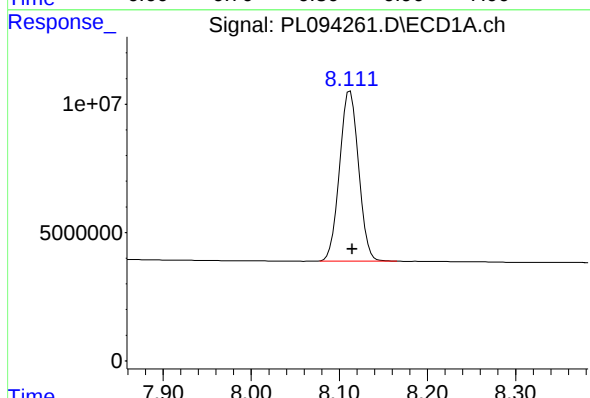
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



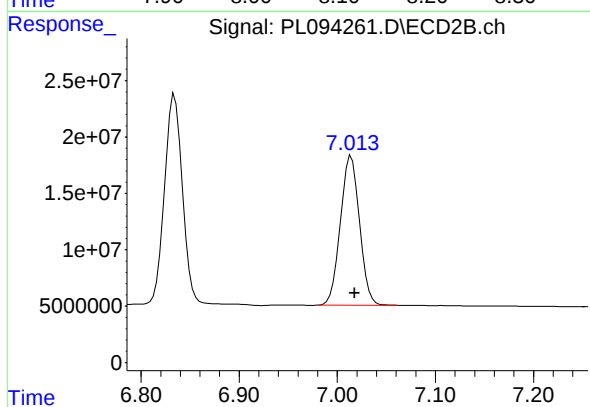
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 234918283
Conc: 56.00 ng/ml



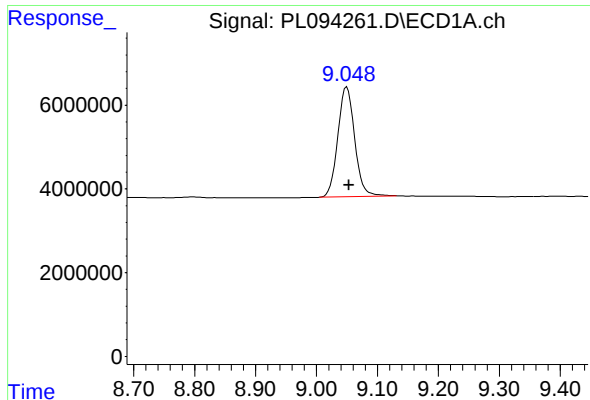
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 99610293
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 179686231
Conc: 53.13 ng/ml



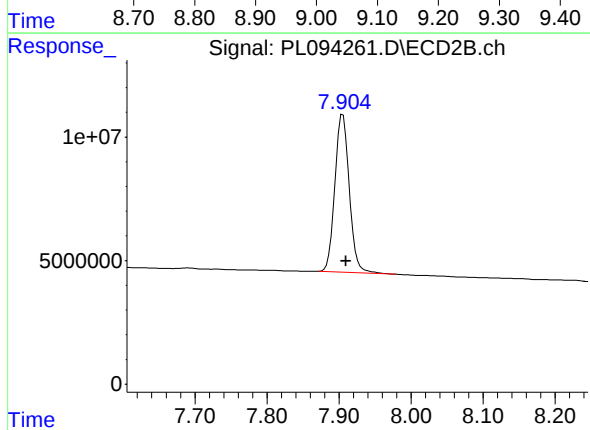
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 50606872
Conc: 24.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166771BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/21/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 88208911
Conc: 25.17 ng/ml