

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
 Data File : PL094102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 14:26
 Operator : AR\AJ
 Sample : Q1309-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/10/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 01:35:49 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...	3.536	2.774	60768287	72463139	22.567m	22.200
28) SA Decachlor...	9.056	7.911	48272785	83078453	23.076	23.709
Target Compounds						
2) A alpha-BHC	3.994	3.276	194.9E6	253.1E6	50.845	51.769
3) MA gamma-BHC...	4.326	3.606	183.6E6	239.6E6	49.859	50.530
4) MA Heptachlor	4.915	3.944	172.1E6	242.3E6	52.503	52.050
5) MB Aldrin	5.256	4.224	166.1E6	231.5E6	50.752	50.756
6) B beta-BHC	4.525	3.907	82716272	105.4E6	51.462	52.785
7) B delta-BHC	4.772	4.135	178.9E6	240.1E6	51.042	50.527
8) B Heptachlo...	5.683	4.726	148.9E6	218.4E6	50.086	52.254
9) A Endosulfan I	6.069	5.096	134.3E6	207.6E6	50.829	53.559
10) B gamma-Chl...	5.939	4.976	143.7E6	238.0E6	51.567	56.153
11) B alpha-Chl...	6.018	5.040	144.0E6	227.6E6	51.635	54.356
12) B 4,4'-DDE	6.192	5.229	134.7E6	221.9E6	55.310	55.336
13) MA Dieldrin	6.344	5.360	141.1E6	226.8E6	50.837	52.803
14) MA Endrin	6.573	5.635	123.1E6	207.6E6	52.508	56.215m
15) B Endosulfa...	6.794	5.931	124.6E6	200.4E6	51.716	54.108
16) A 4,4'-DDD	6.708	5.784	104.6E6	177.6E6	55.045m	56.265
17) MA 4,4'-DDT	7.024	6.034	109.5E6	187.5E6	55.545	57.631
18) B Endrin al...	6.924	6.111	93042840	147.3E6	47.860	48.390
19) B Endosulfa...	7.159	6.333	113.2E6	190.8E6	49.990	53.492
20) A Methoxychlor	7.500	6.609	57900427	99272681	55.492	55.517
21) B Endrin ke...	7.644	6.839	124.9E6	219.9E6	49.509	52.418
22) Mirex	8.117	7.019	95793948	170.0E6	46.000	50.264

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
Data File : PL094102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 14:26
Operator : AR\AJ
Sample : Q1309-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

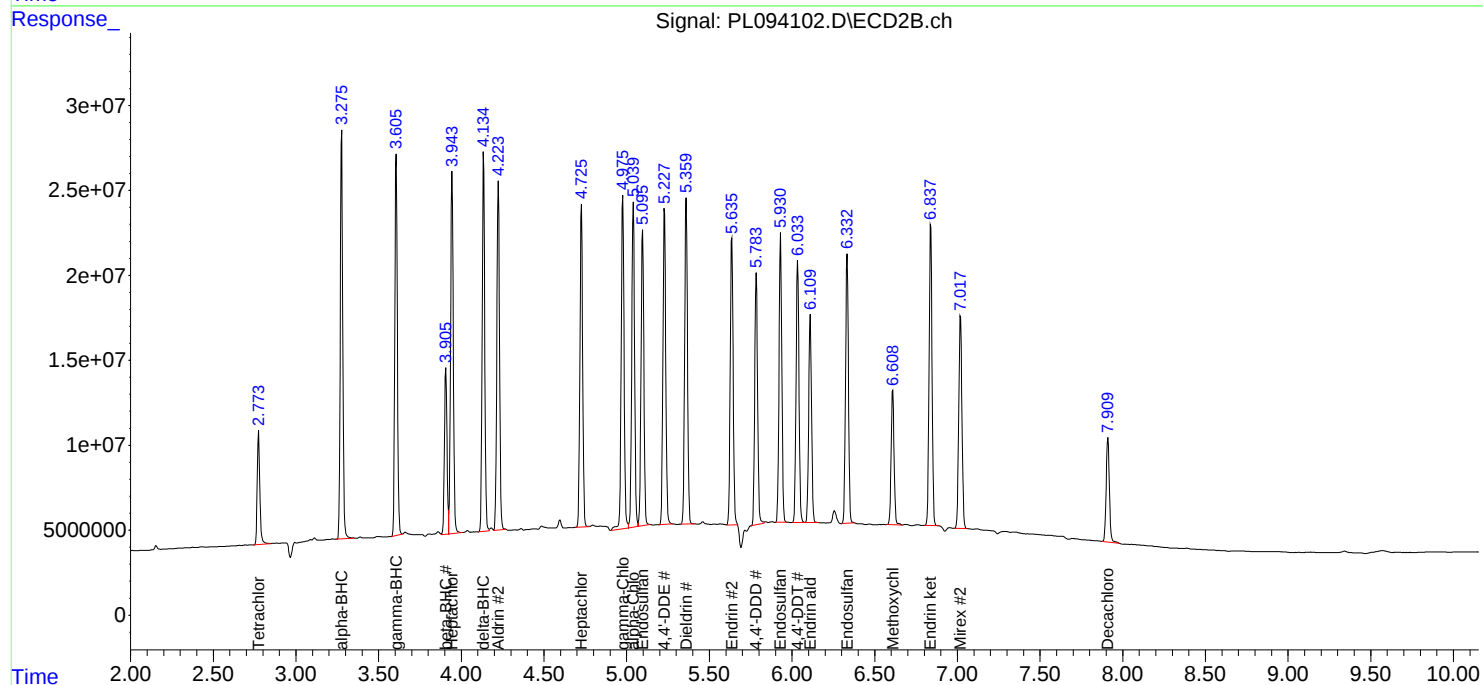
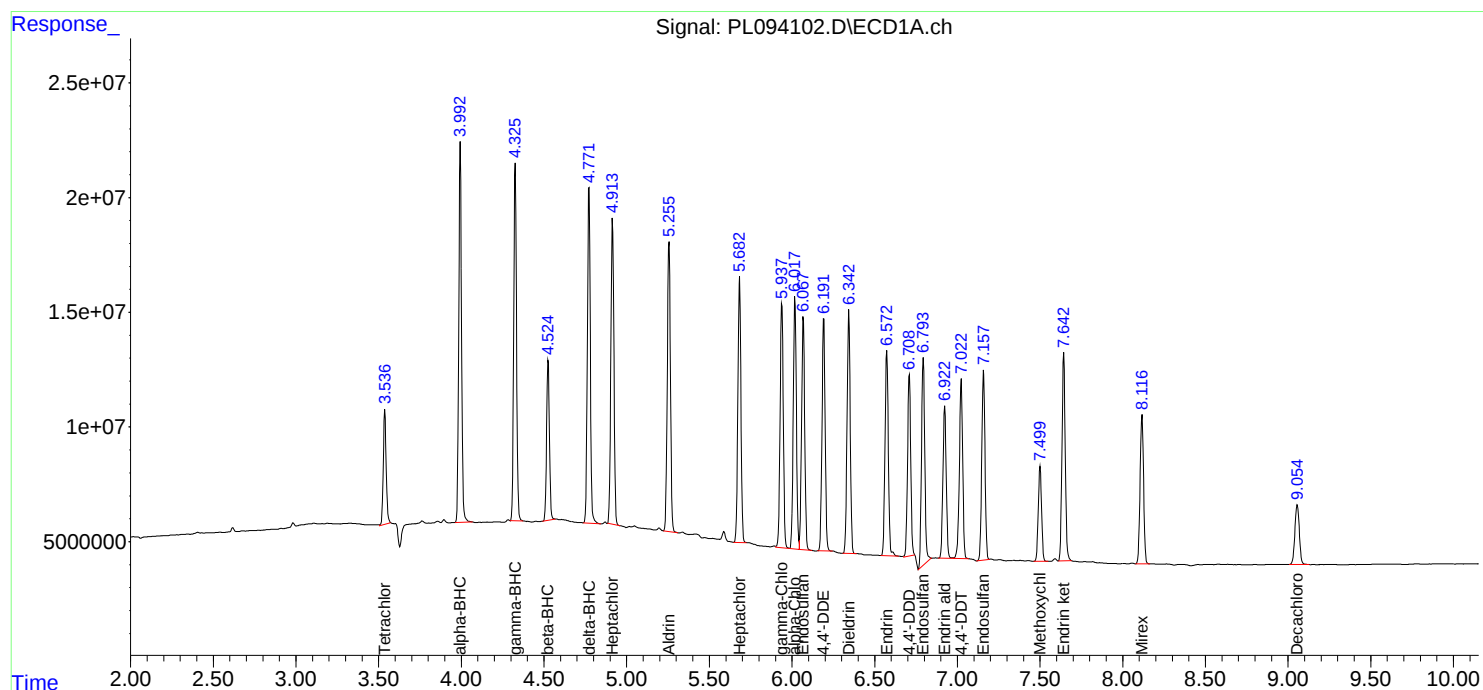
Instrument :
ECD_L
ClientSampleId :
WC-5MSD

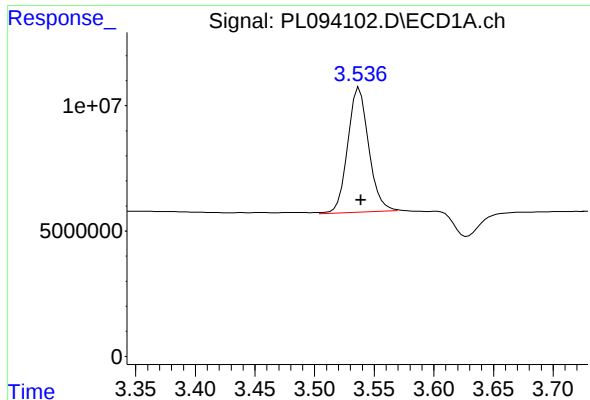
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 02/10/2025
Supervised By : Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 01:35:49 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





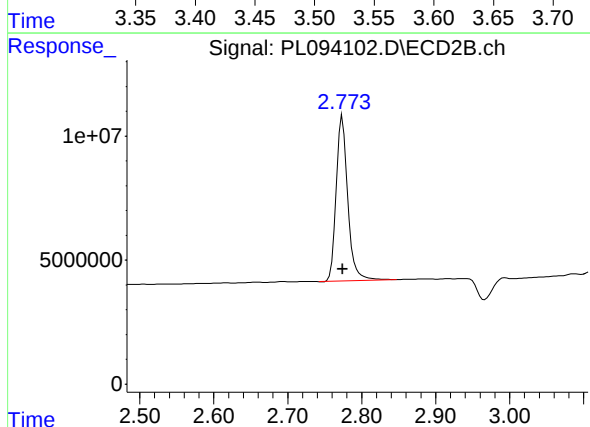
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 60768287
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

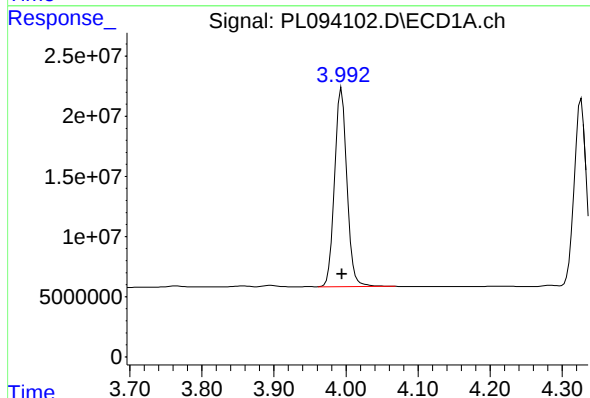
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



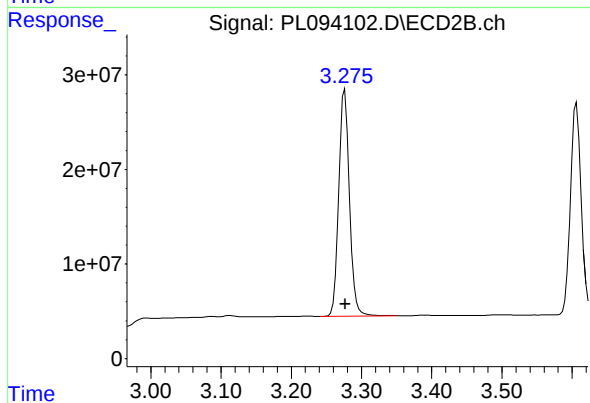
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 72463139
Conc: 22.20 ng/ml



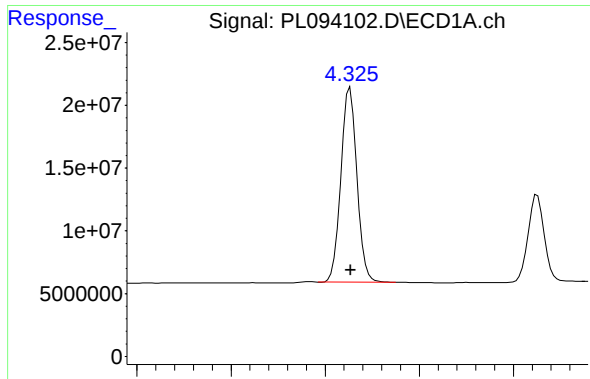
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 194931939
Conc: 50.85 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 253099671
Conc: 51.77 ng/ml



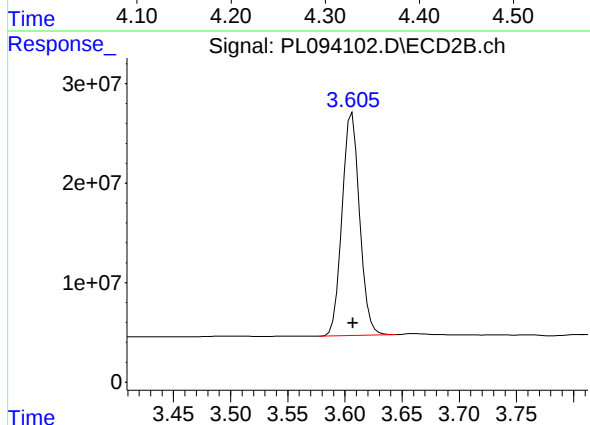
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 183623098
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

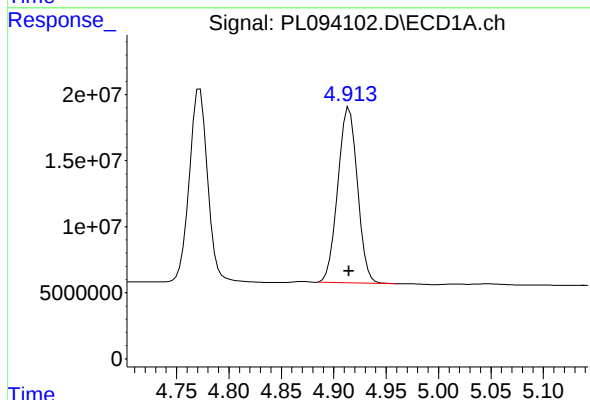
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



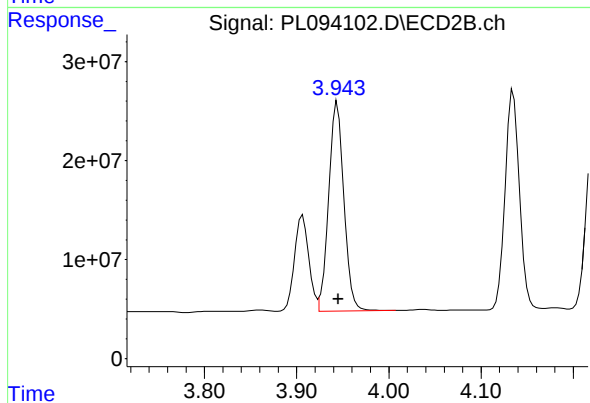
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 239572529
Conc: 50.53 ng/ml



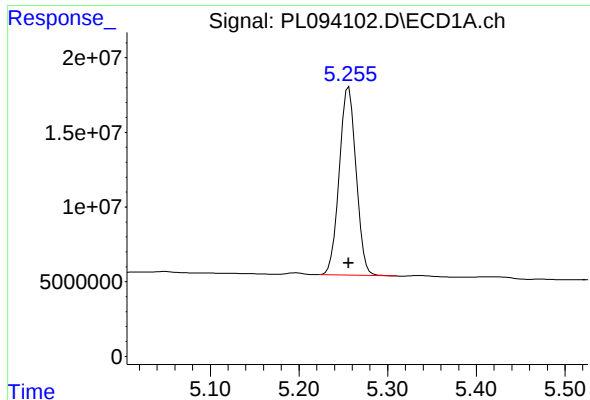
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 172070161
Conc: 52.50 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 242282601
Conc: 52.05 ng/ml



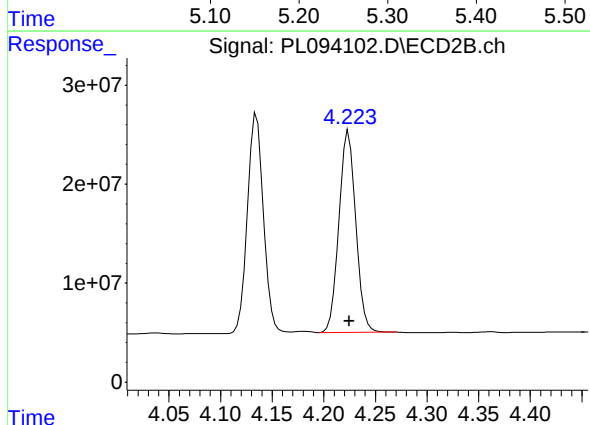
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 166059999
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

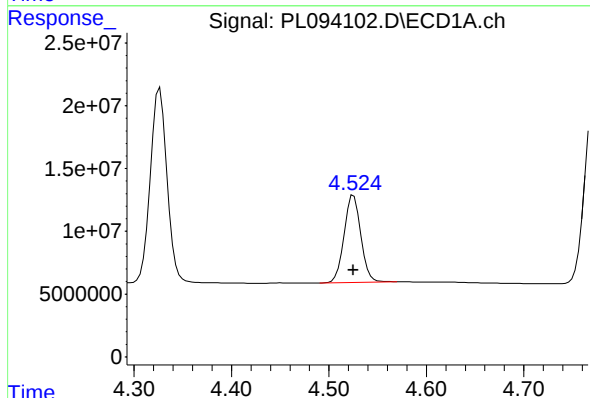
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



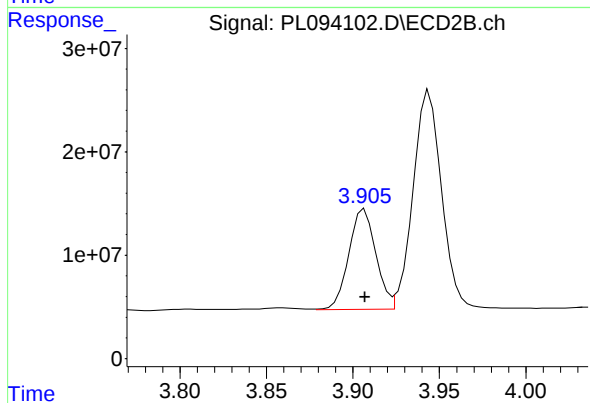
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 231540541
Conc: 50.76 ng/ml



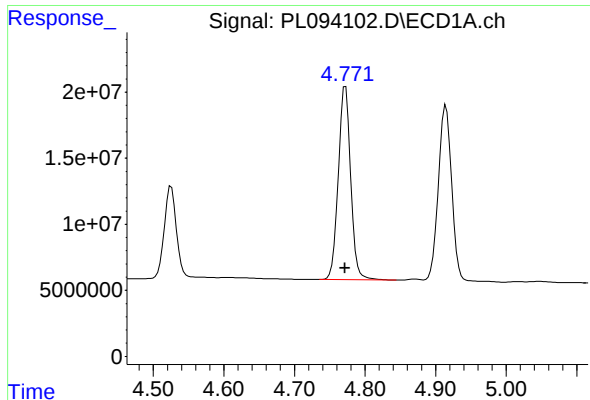
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 82716272
Conc: 51.46 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 105435473
Conc: 52.79 ng/ml



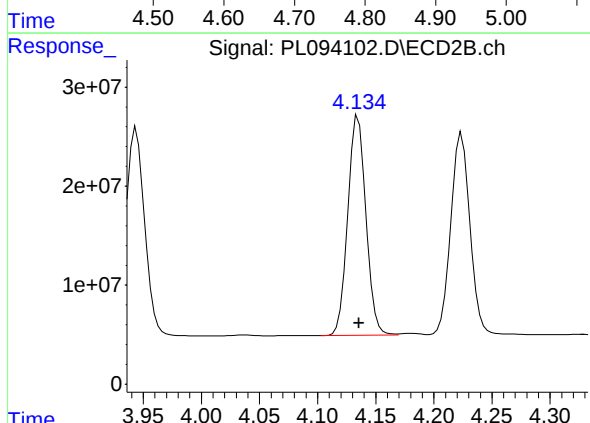
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 178917607
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

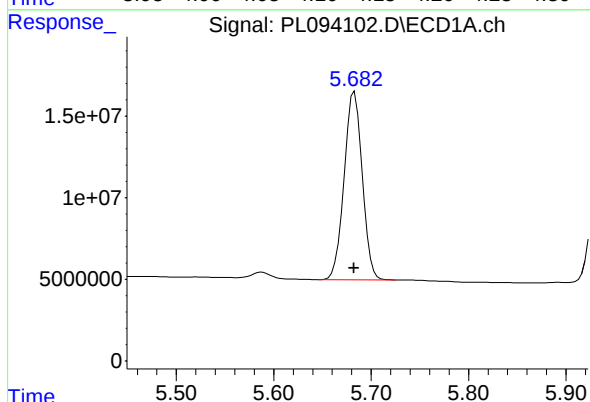
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



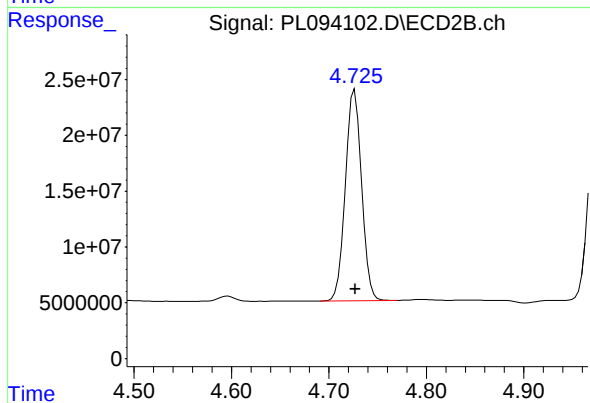
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 240067233
Conc: 50.53 ng/ml



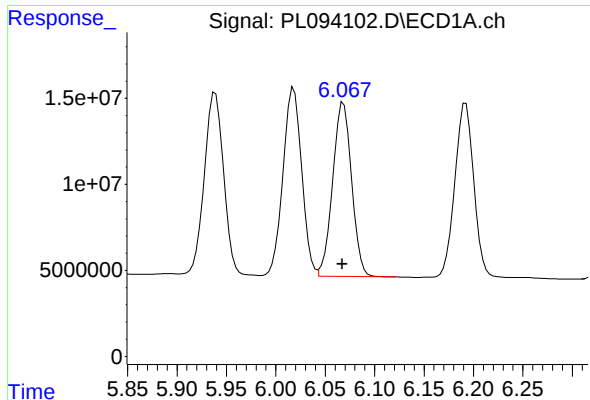
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 148946451
Conc: 50.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 218434039
Conc: 52.25 ng/ml



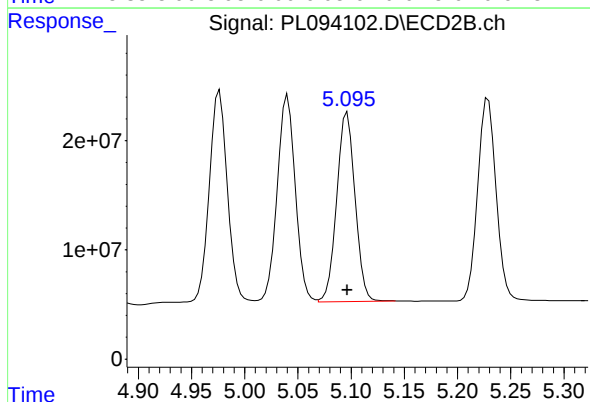
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 134334926
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

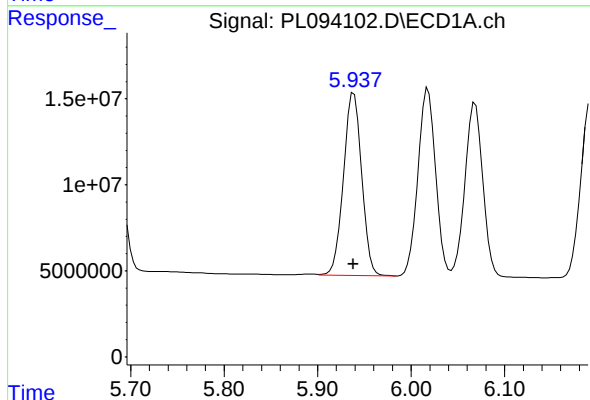
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



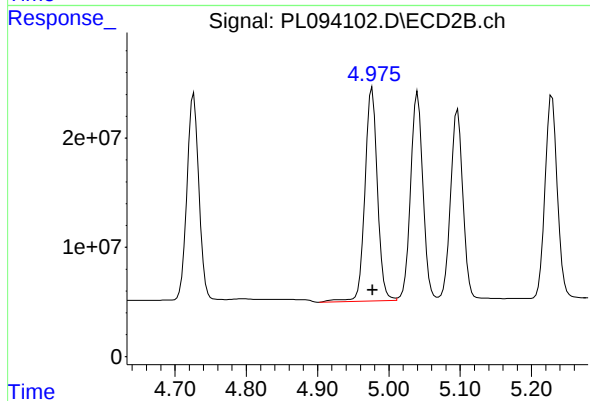
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 207641803
Conc: 53.56 ng/ml



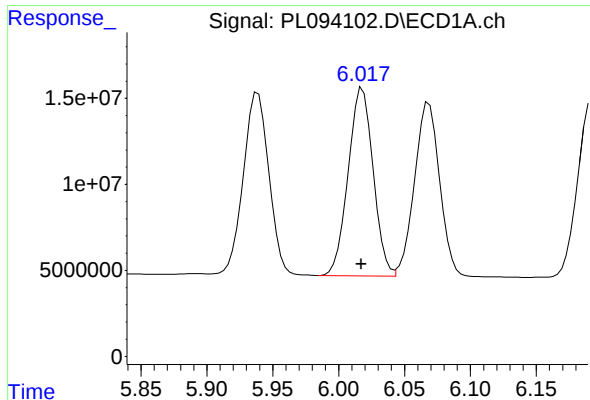
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 143736757
Conc: 51.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 237954187
Conc: 56.15 ng/ml



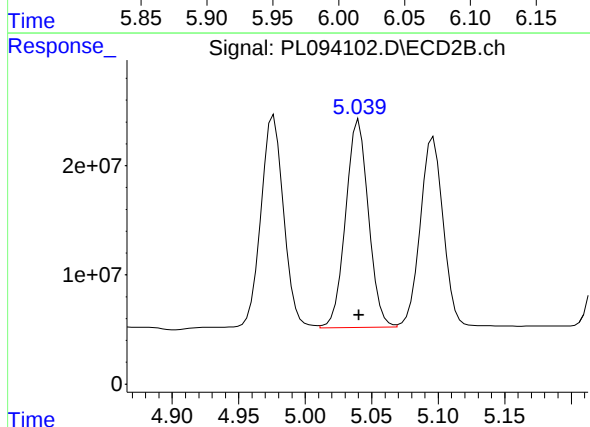
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 143979080
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

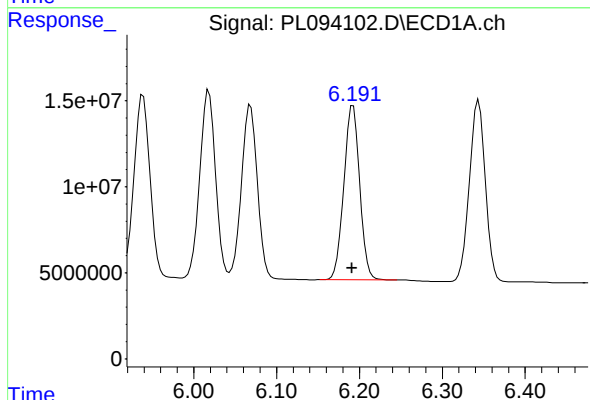
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



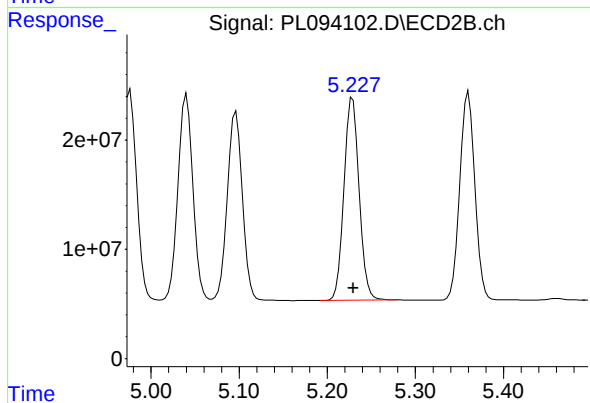
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 227566010
Conc: 54.36 ng/ml



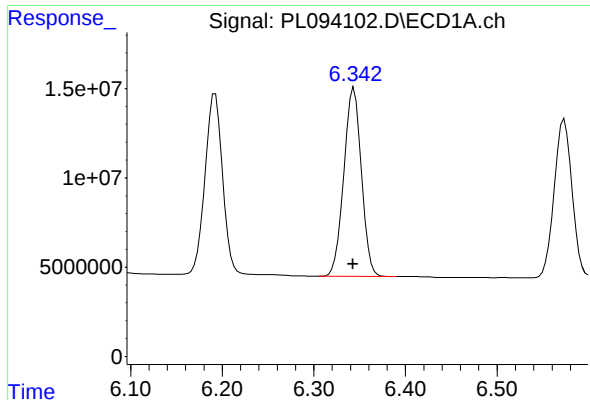
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 134657652
Conc: 55.31 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 221866630
Conc: 55.34 ng/ml



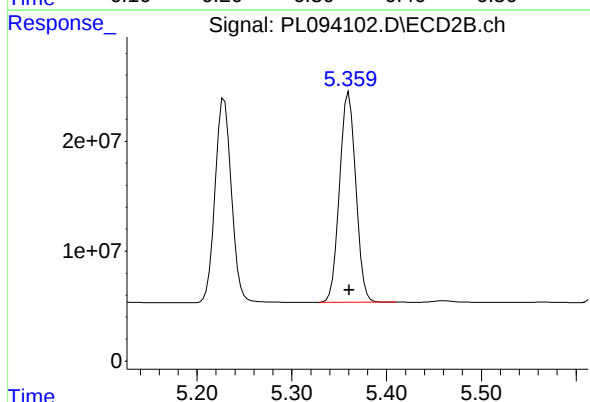
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 141116835
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

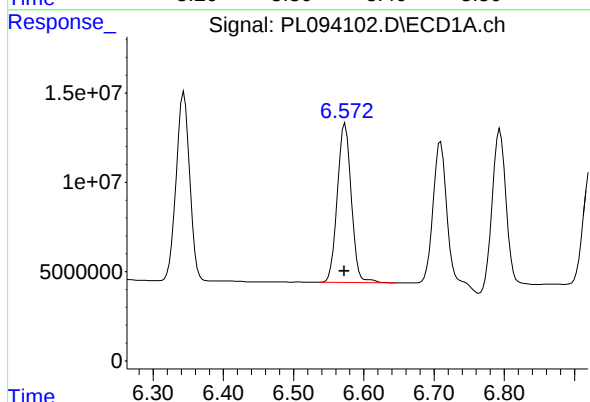
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



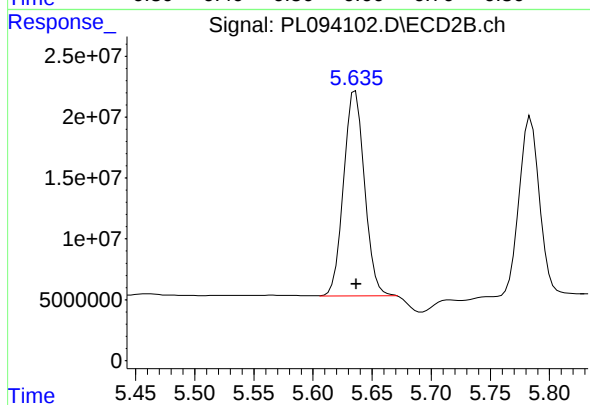
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 226824441
Conc: 52.80 ng/ml



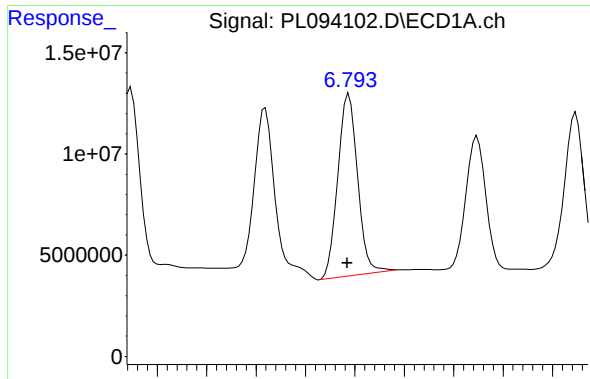
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 123121228
Conc: 52.51 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 207583004
Conc: 56.21 ng/ml m



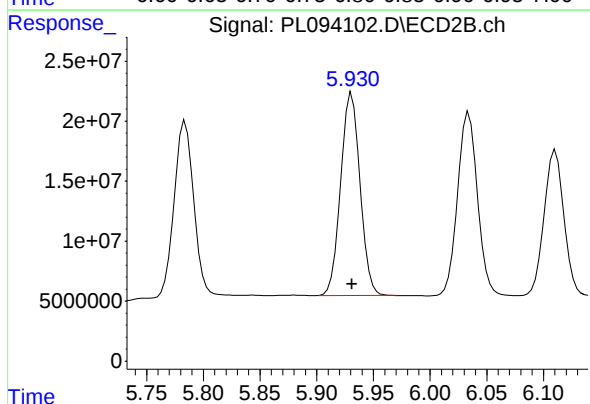
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 124603229
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

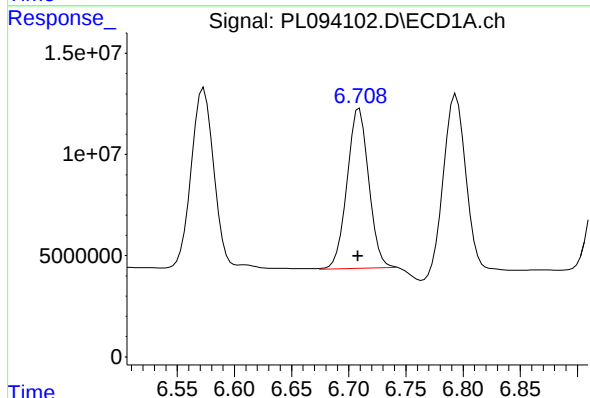
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



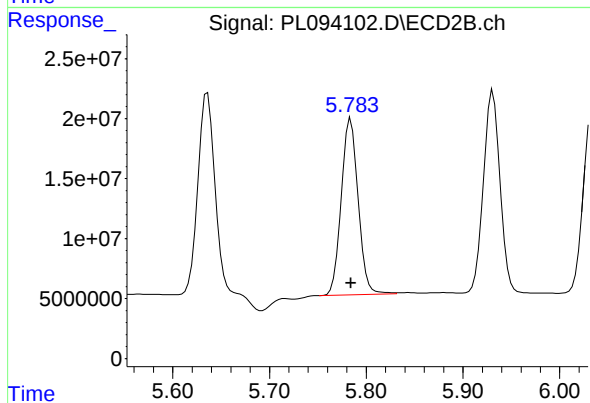
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 200407740
Conc: 54.11 ng/ml



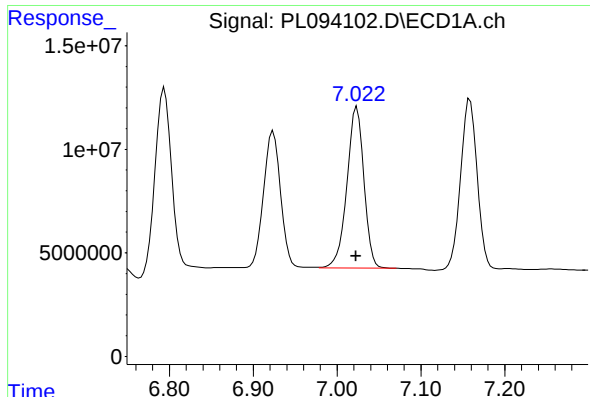
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 104616675
Conc: 55.05 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 177601128
Conc: 56.26 ng/ml



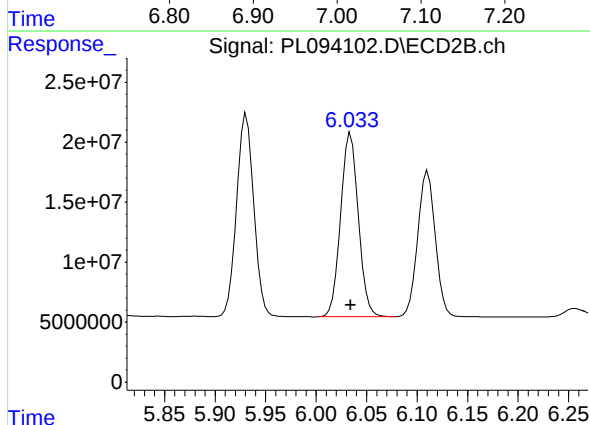
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 109538853
Conc: 55.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

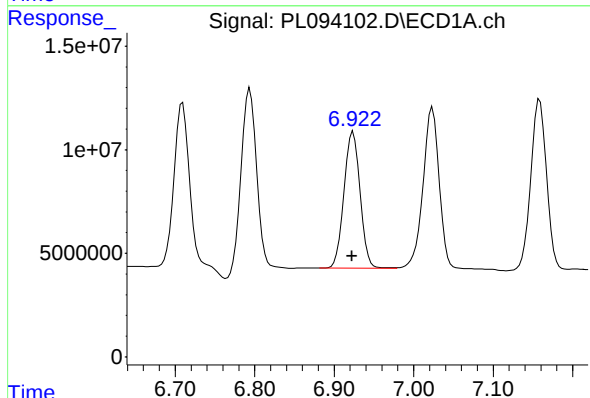
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



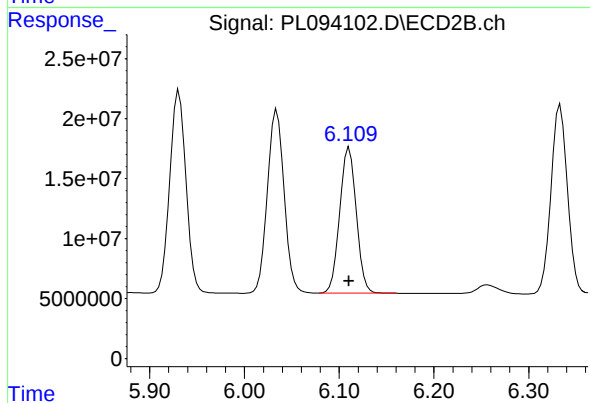
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 187535458
Conc: 57.63 ng/ml



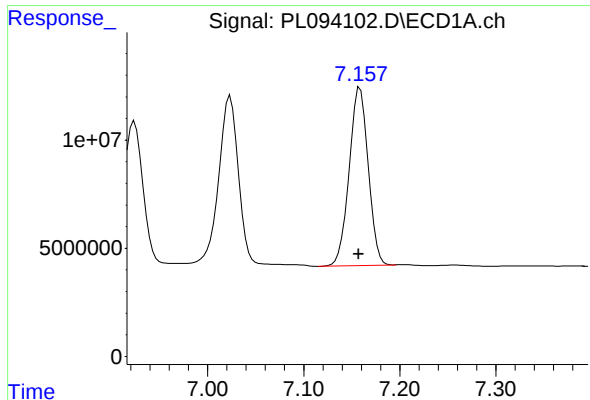
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 93042840
Conc: 47.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 147329638
Conc: 48.39 ng/ml



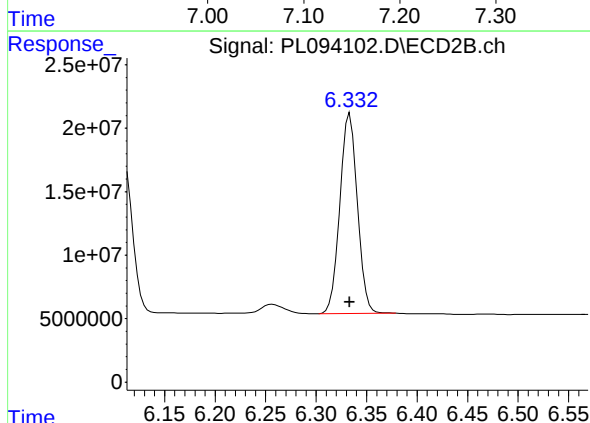
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 113164692
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

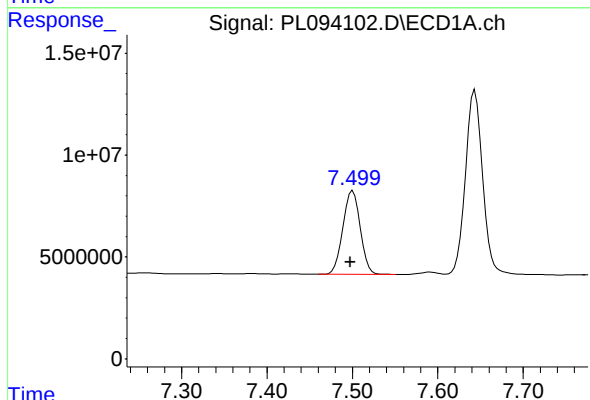
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



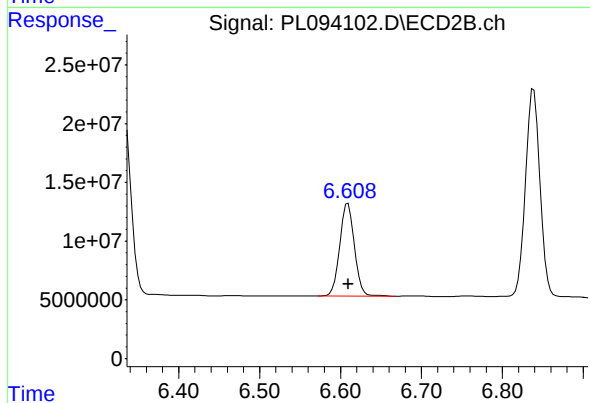
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 190756273
Conc: 53.49 ng/ml



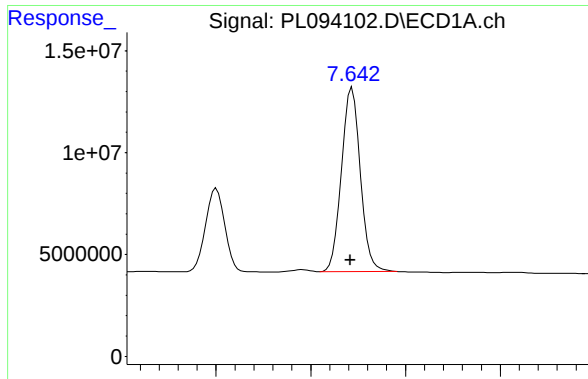
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 57900427
Conc: 55.49 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 99272681
Conc: 55.52 ng/ml



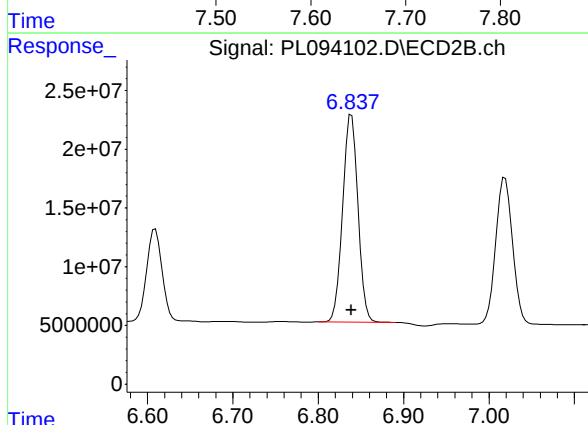
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 124891771
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

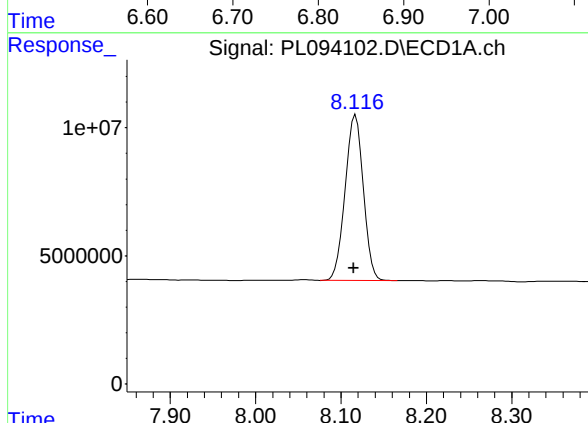
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



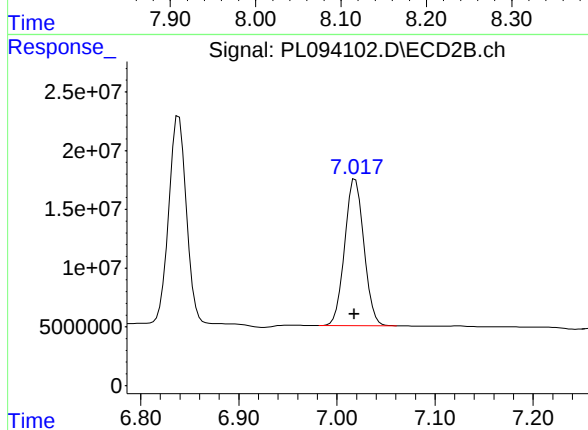
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 219907078
Conc: 52.42 ng/ml



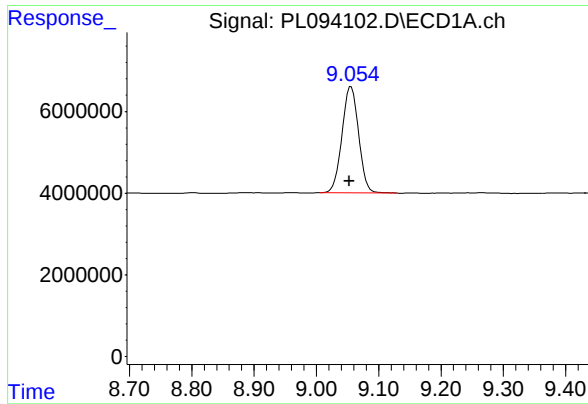
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 95793948
Conc: 46.00 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 169987496
Conc: 50.26 ng/ml



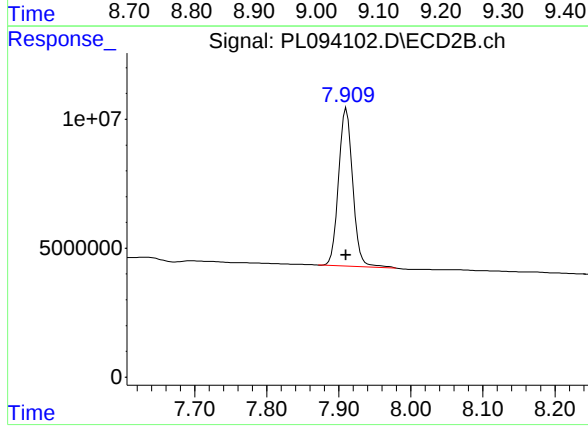
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 48272785
Conc: 23.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 83078453
Conc: 23.71 ng/ml