

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
 Data File : PL094123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 16:48
 Operator : AR\AJ
 Sample : Q1343-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-9MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:10:39 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...	3.538	2.774	56785868	68703352	21.088m	21.048
28)	SA Decachlor...	9.054	7.909	43814317	74239531	20.945	21.187
Target Compounds							
2)	A alpha-BHC	3.996	3.276	170.5E6	225.5E6	44.476	46.125
3)	MA gamma-BHC...	4.328	3.606	162.3E6	214.9E6	44.079	45.319
4)	MA Heptachlor	4.916	3.944	156.1E6	222.4E6	47.636	47.768
5)	MB Aldrin	5.257	4.224	147.4E6	207.3E6	45.053	45.434
6)	B beta-BHC	4.527	3.906	73802096	94703176	45.916	47.412
7)	B delta-BHC	4.774	4.135	159.7E6	216.5E6	45.553	45.569
8)	B Heptachlo...	5.684	4.726	131.0E6	196.3E6	44.063	46.949
9)	A Endosulfan I	6.069	5.096	120.6E6	168.8E6	45.626	43.550
10)	B gamma-Chl...	5.939	4.976	131.9E6	207.1E6	47.329	48.874
11)	B alpha-Chl...	6.019	5.040	128.8E6	200.2E6	46.187	47.826
12)	B 4,4'-DDE	6.192	5.228	112.1E6	200.9E6	46.041	50.098
13)	MA Dieldrin	6.344	5.358	125.4E6	208.0E6	45.172	48.412m
14)	MA Endrin	6.573	5.634	107.4E6	188.1E6	45.817m	50.947m
15)	B Endosulfa...	6.794	5.930	109.6E6	185.2E6	45.500	50.008
16)	A 4,4'-DDD	6.710	5.784	97069041	159.4E6	51.074	50.497
17)	MA 4,4'-DDT	7.023	6.034	98435403	171.8E6	49.915	52.805
18)	B Endrin al...	6.924	6.110	85260634	141.1E6	43.857	46.355
19)	B Endosulfa...	7.159	6.332	103.3E6	175.0E6	45.615	49.063
20)	A Methoxychlor	7.500	6.607	52588856	89931721	50.402	50.294m
21)	B Endrin ke...	7.643	6.838	112.5E6	195.5E6	44.594	46.612
22)	Mirex	8.116	7.018	86821601	153.1E6	41.691	45.277

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
Data File : PL094123.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 16:48
Operator : AR\AJ
Sample : Q1343-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

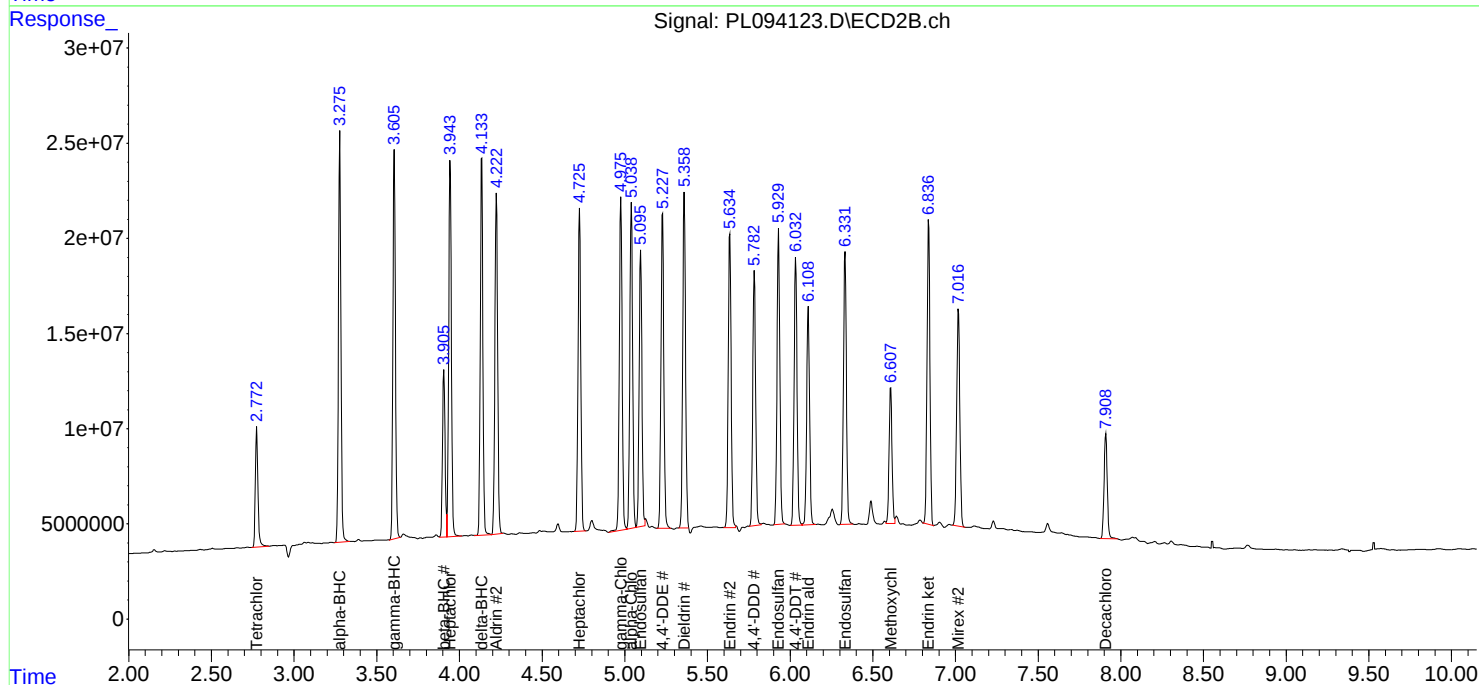
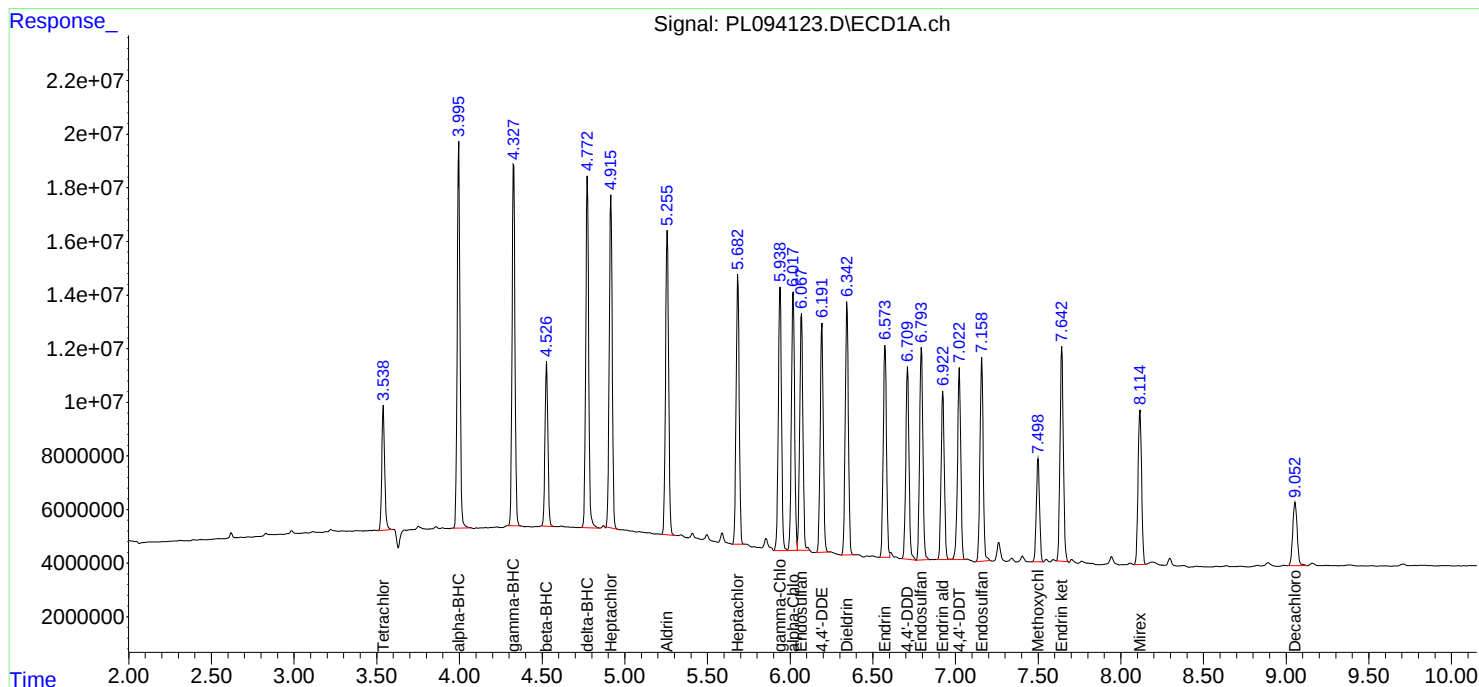
Instrument :
ECD_L
ClientSampleId :
WC-9MSD

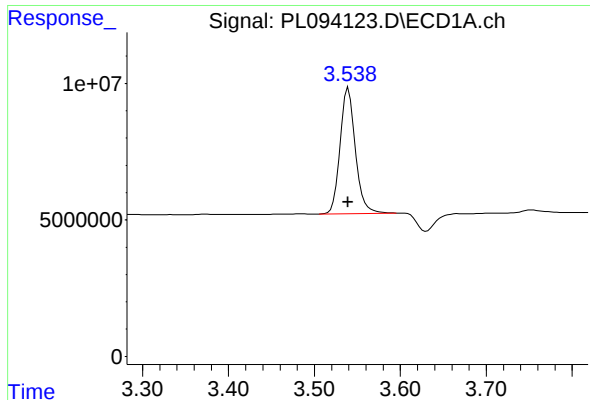
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:10:39 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





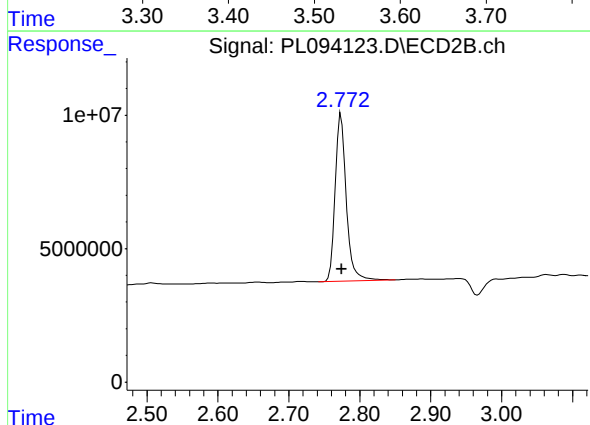
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 56785868
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

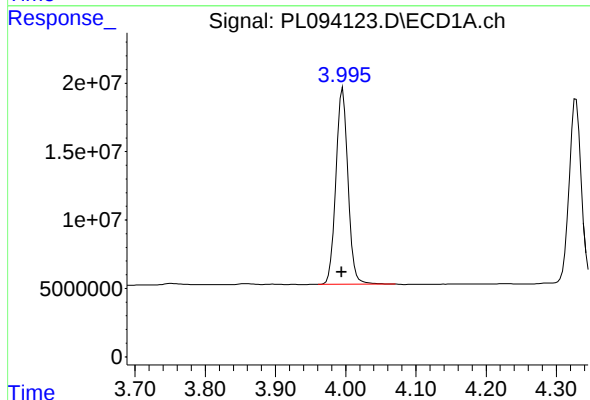
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



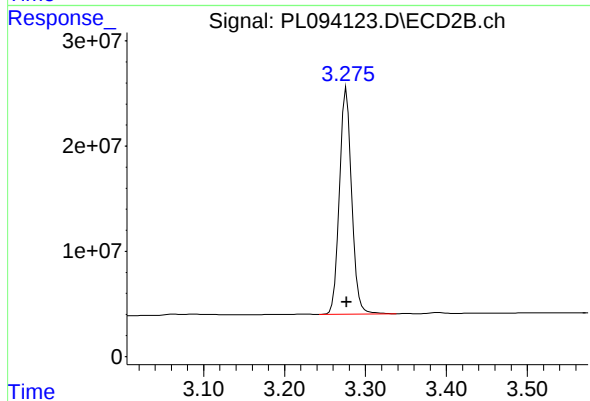
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 68703352
Conc: 21.05 ng/ml



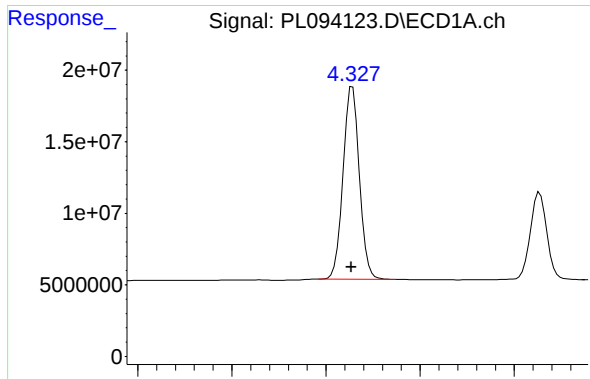
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 170515269
Conc: 44.48 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 225505610
Conc: 46.13 ng/ml



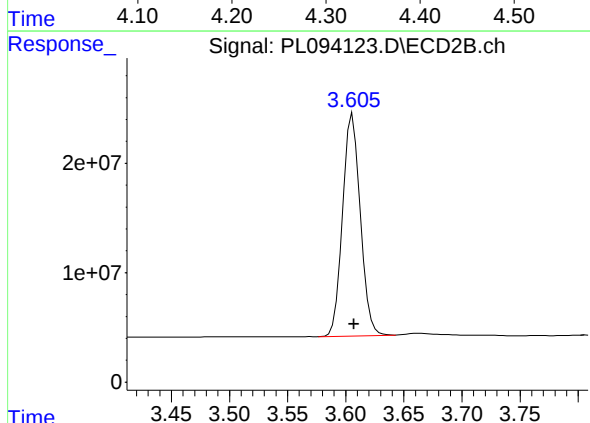
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 162334535
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

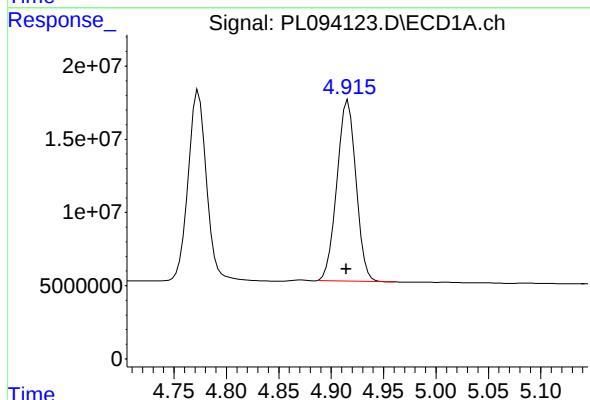
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



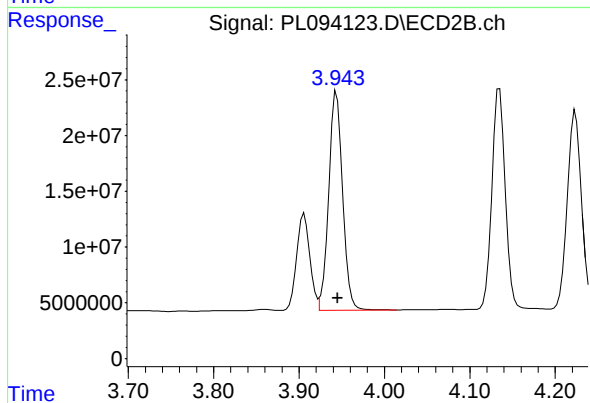
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 214868326
Conc: 45.32 ng/ml



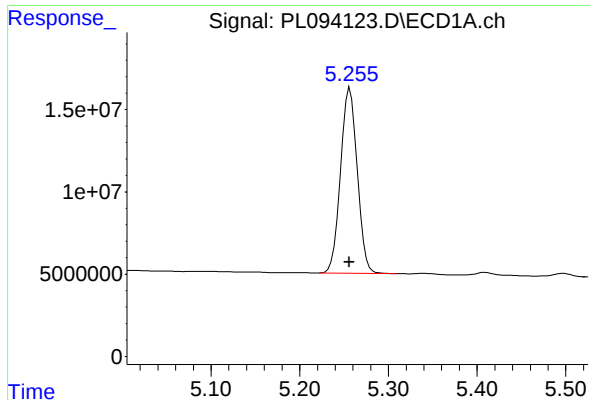
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 156118634
Conc: 47.64 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 222351815
Conc: 47.77 ng/ml



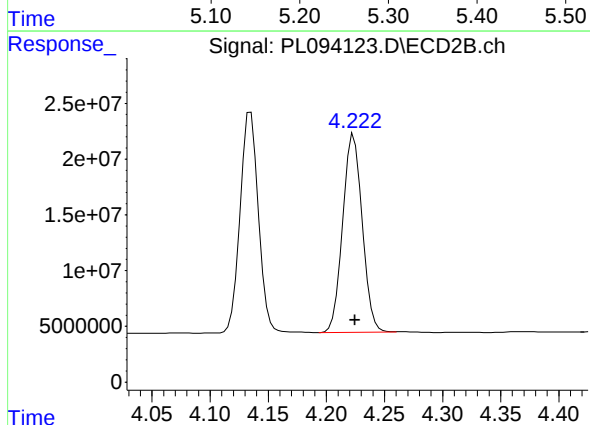
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 147412748
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

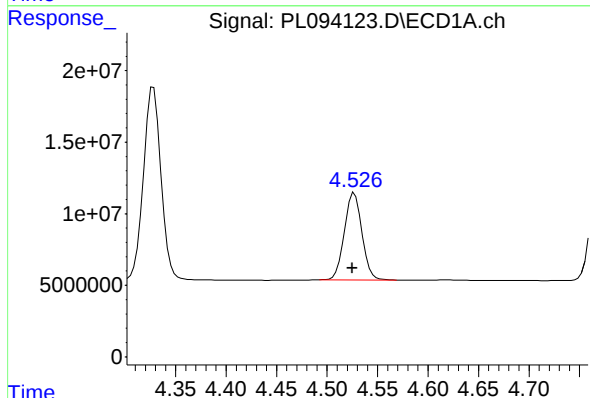
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



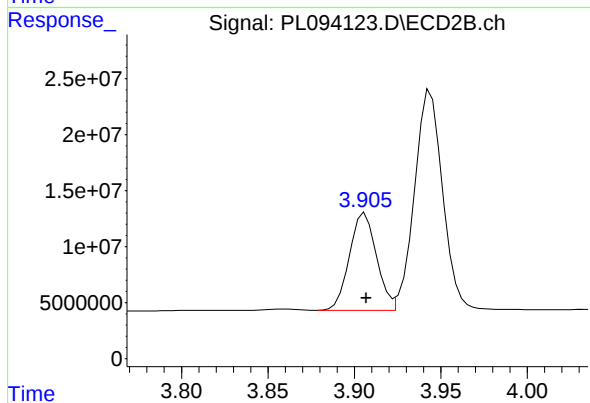
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 207261656
Conc: 45.43 ng/ml



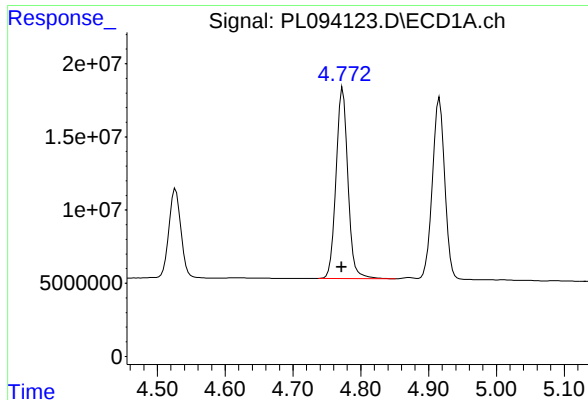
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 73802096
Conc: 45.92 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 94703176
Conc: 47.41 ng/ml



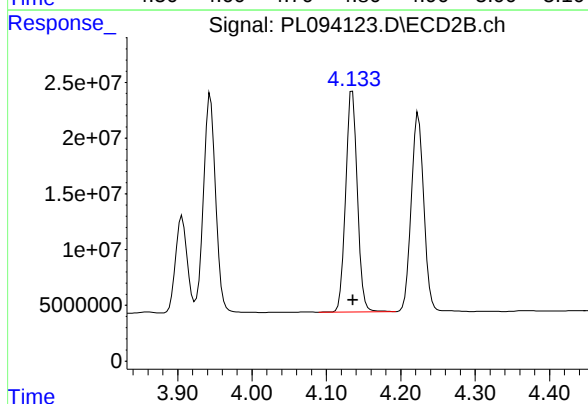
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 159676527
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

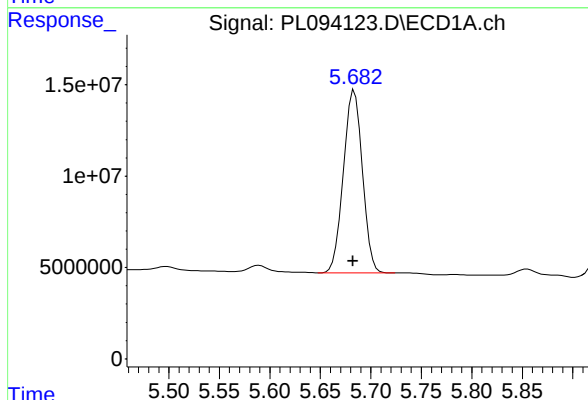
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



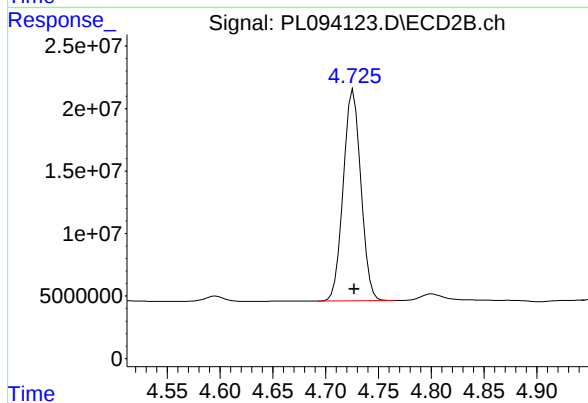
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 216509893
Conc: 45.57 ng/ml



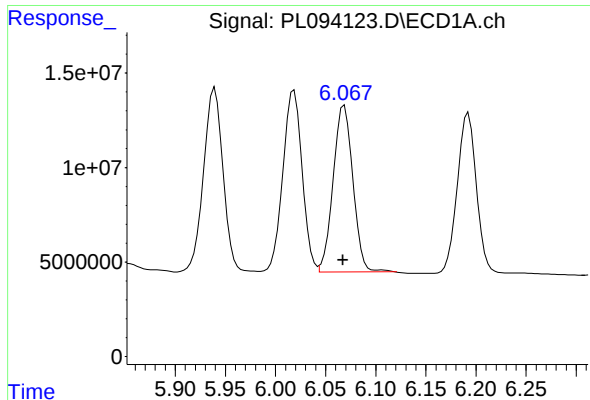
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 131037124
Conc: 44.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 196257832
Conc: 46.95 ng/ml



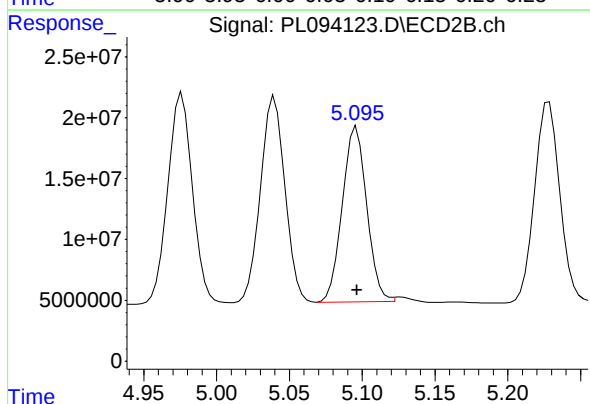
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 120582585
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

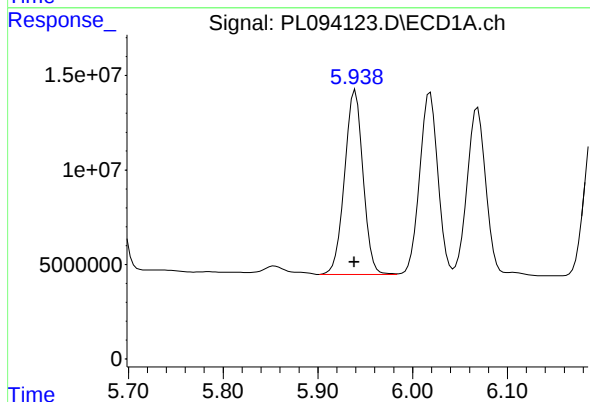
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



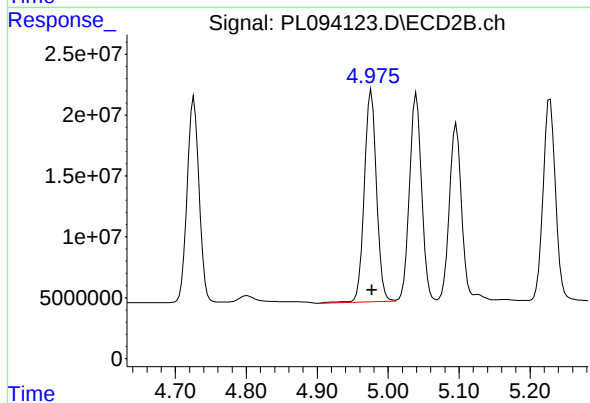
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 168839743
Conc: 43.55 ng/ml



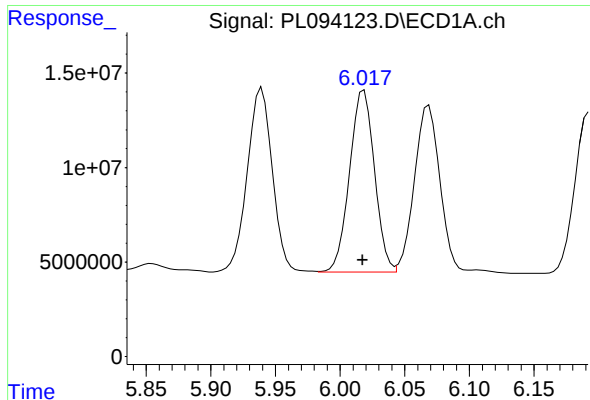
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 131923507
Conc: 47.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 207108621
Conc: 48.87 ng/ml



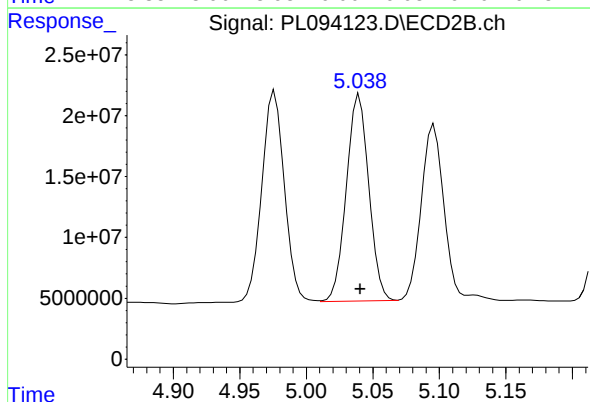
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.001 min
Response: 128786696
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

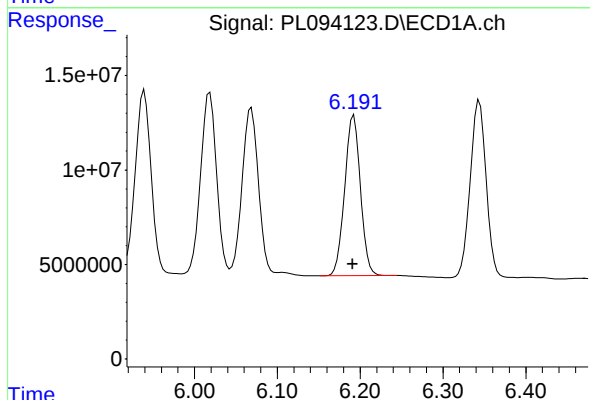
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



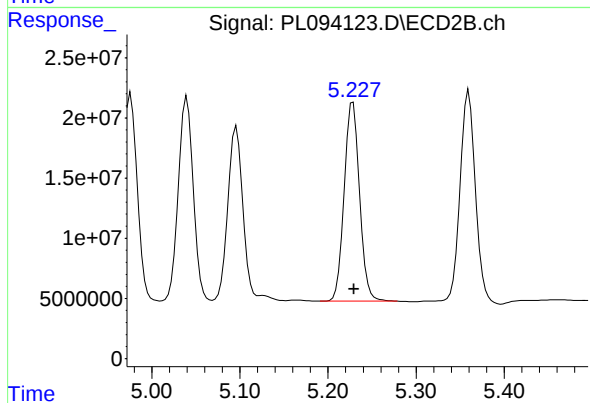
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 200226187
Conc: 47.83 ng/ml



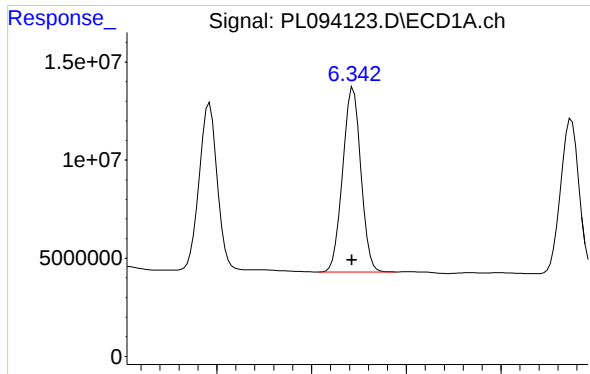
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 112090115
Conc: 46.04 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 200867919
Conc: 50.10 ng/ml



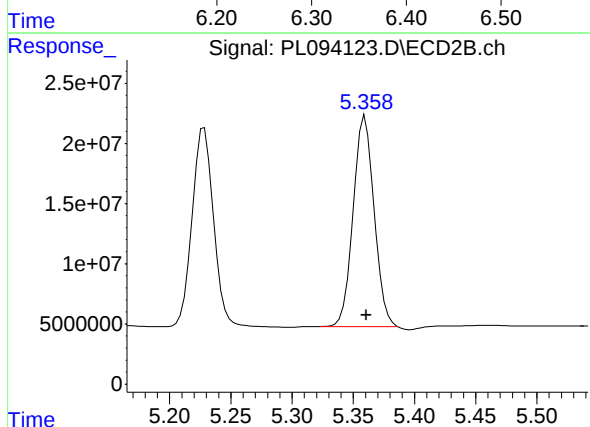
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 125389814
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

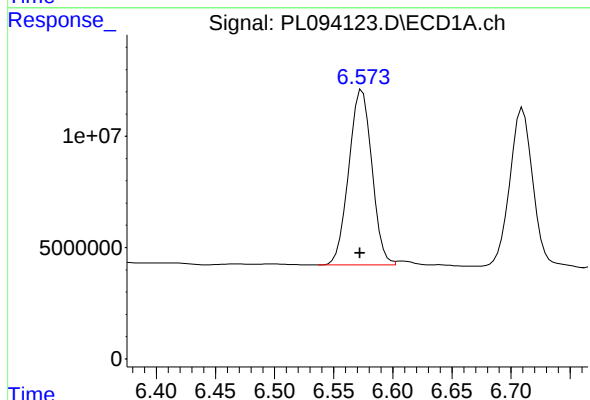
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



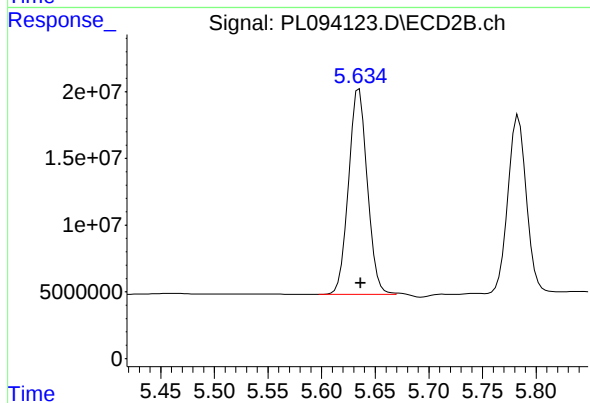
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 207962034
Conc: 48.41 ng/ml



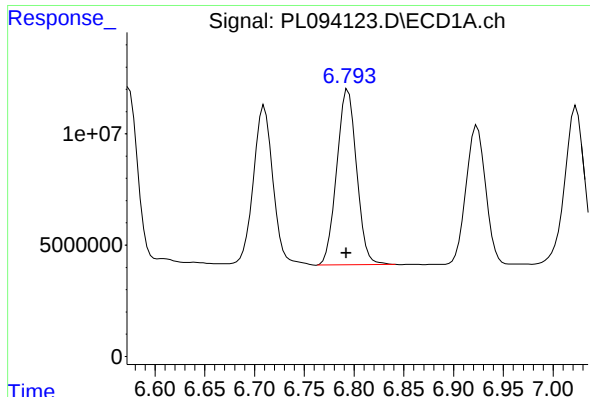
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 107431706
Conc: 45.82 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 188131672
Conc: 50.95 ng/ml



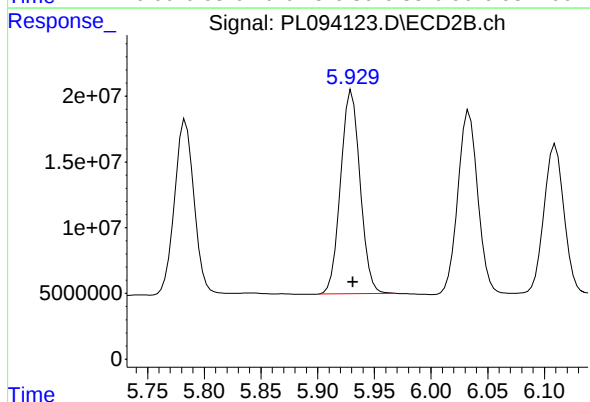
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 109624448
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

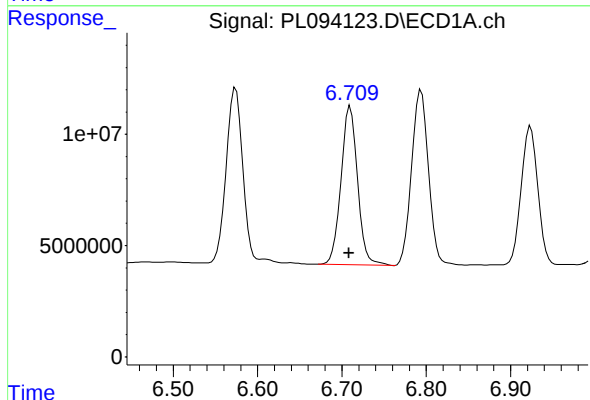
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



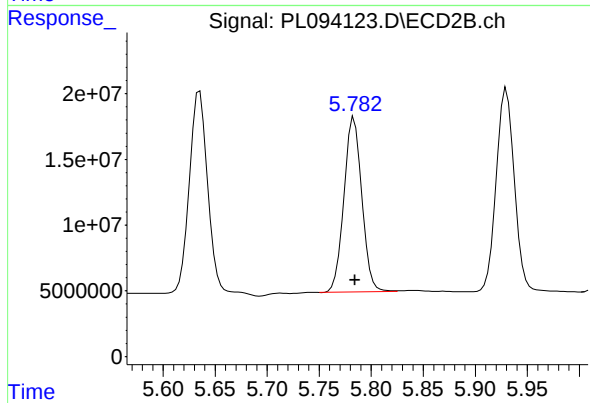
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 185221310
Conc: 50.01 ng/ml



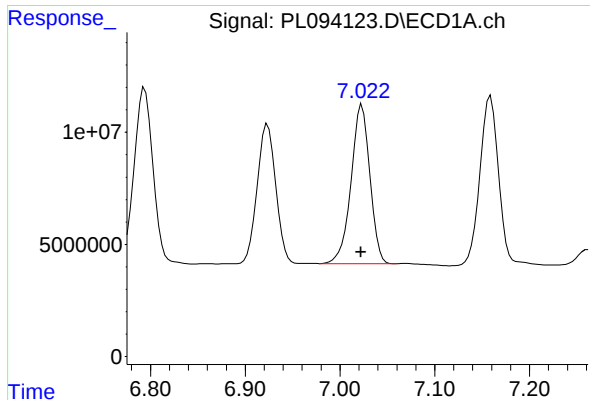
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 97069041
Conc: 51.07 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 159394969
Conc: 50.50 ng/ml



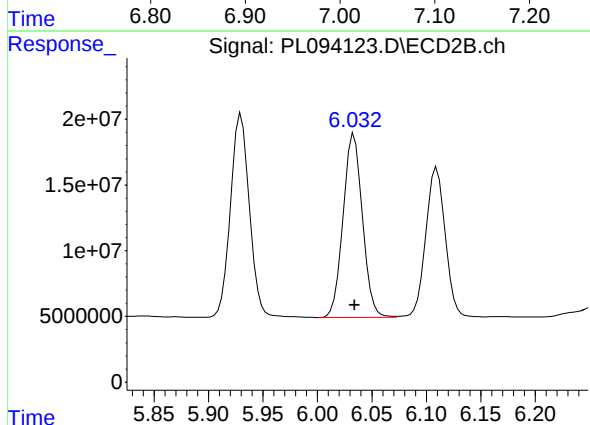
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 98435403
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

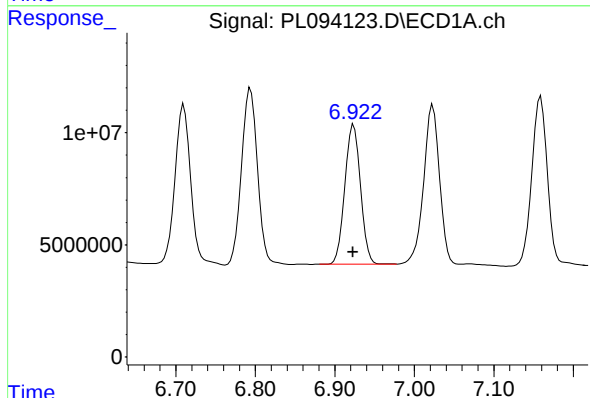
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



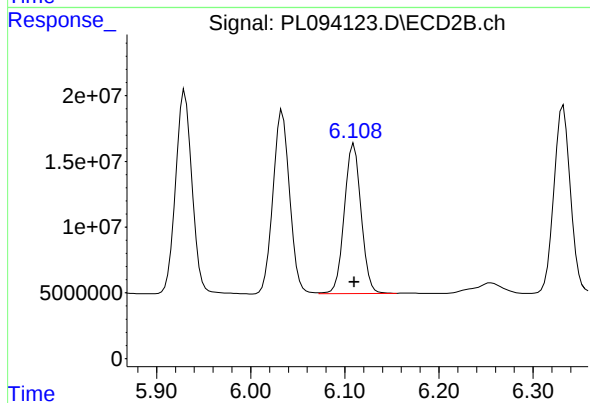
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 171830272
Conc: 52.81 ng/ml



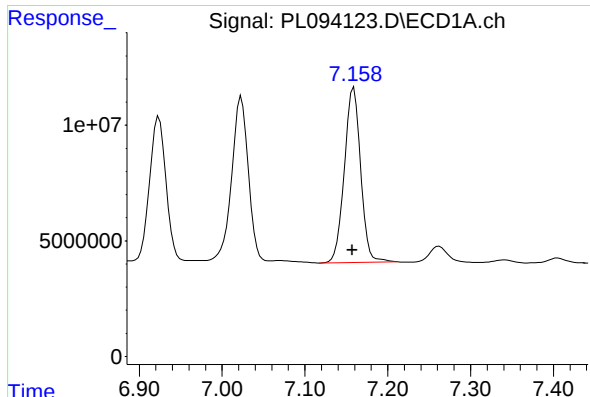
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 85260634
Conc: 43.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 141134168
Conc: 46.35 ng/ml



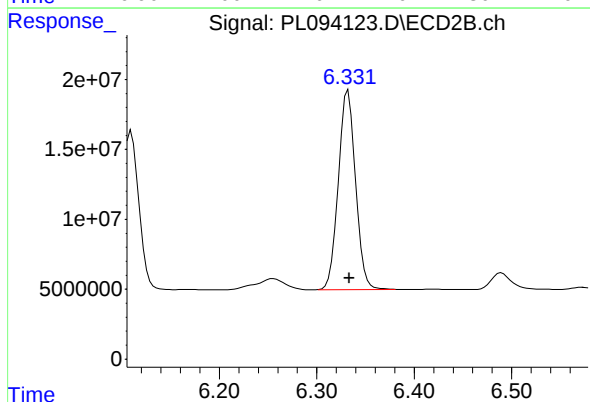
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 103260258
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

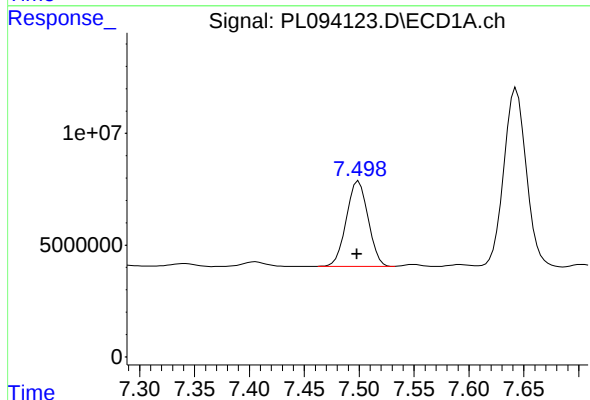
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



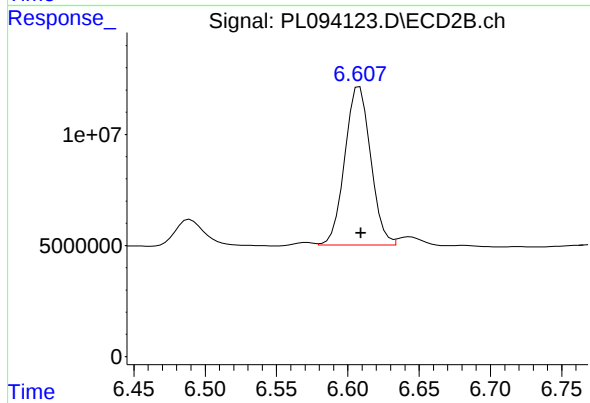
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 174964373
Conc: 49.06 ng/ml



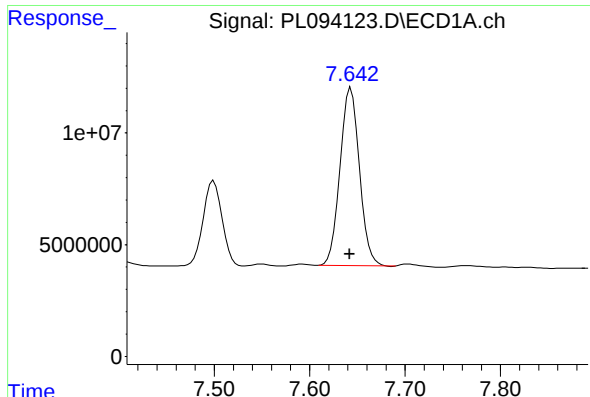
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 52588856
Conc: 50.40 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.002 min
Response: 89931721
Conc: 50.29 ng/ml m



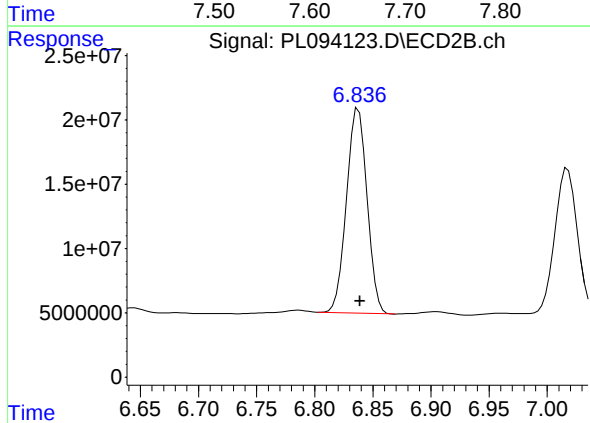
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 112492845
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

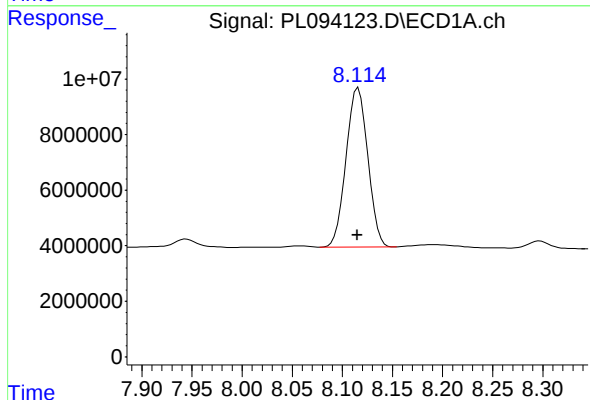
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



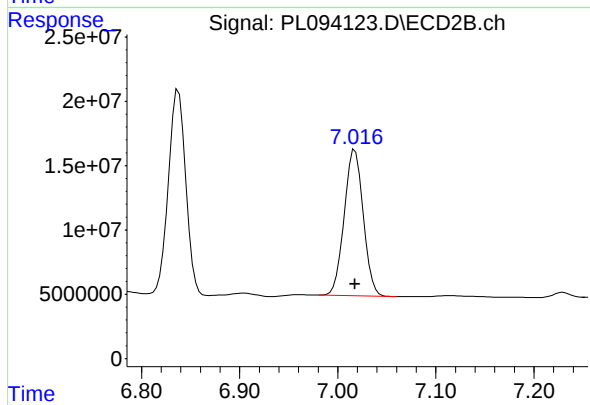
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 195547603
Conc: 46.61 ng/ml



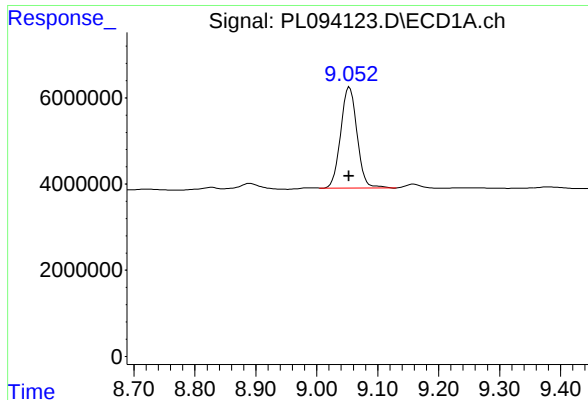
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.001 min
Response: 86821601
Conc: 41.69 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 153122693
Conc: 45.28 ng/ml



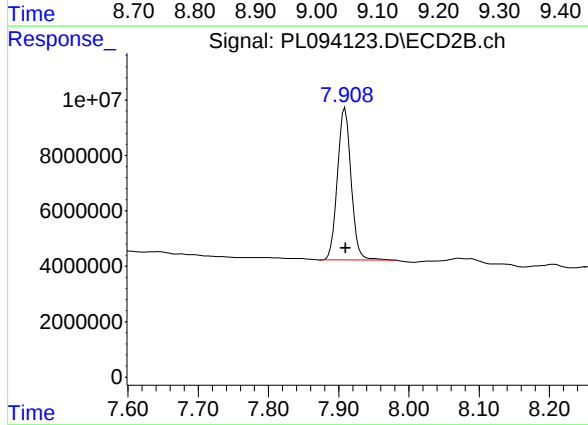
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 43814317
Conc: 20.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 74239531
Conc: 21.19 ng/ml