

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
 Data File : PL093597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2025 10:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 00:13:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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	2.775	124.2E6	149.6E6	50.186	51.403
28)	SA Decachlor...	9.055	7.911	93442649	155.8E6	50.536	52.171
Target Compounds							
2)	A alpha-BHC	3.994	3.277	174.1E6	227.3E6	50.419	52.290
3)	MA gamma-BHC...	4.327	3.607	167.4E6	221.9E6	51.034	52.588
4)	MA Heptachlor	4.913	3.945	148.0E6	216.1E6	50.534m	51.999
5)	MB Aldrin	5.256	4.225	146.7E6	214.4E6	50.416	52.270
6)	B beta-BHC	4.524	3.907	73770237	93705273	51.173	52.131
7)	B delta-BHC	4.771	4.135	159.9E6	224.2E6	52.209	53.025
8)	B Heptachlo...	5.683	4.727	131.7E6	196.9E6	49.990	51.436
9)	A Endosulfan I	6.068	5.097	117.6E6	182.4E6	49.838	52.197
10)	B gamma-Chl...	5.939	4.977	125.5E6	200.0E6	49.948	51.895
11)	B alpha-Chl...	6.018	5.041	125.4E6	197.2E6	50.114	51.799
12)	B 4,4'-DDE	6.192	5.230	115.1E6	193.3E6	51.285	52.567
13)	MA Dieldrin	6.343	5.362	124.3E6	201.0E6	49.802	52.145
14)	MA Endrin	6.573	5.637	103.7E6	170.6E6	48.162	51.582
15)	B Endosulfa...	6.793	5.932	107.5E6	174.2E6	47.277	53.632
16)	A 4,4'-DDD	6.709	5.785	91075766	155.7E6	51.867	55.032
17)	MA 4,4'-DDT	7.023	6.035	94359575	161.0E6	51.046	53.315
18)	B Endrin al...	6.923	6.111	88384857	141.0E6	49.807	52.369
19)	B Endosulfa...	7.158	6.334	101.4E6	165.3E6	50.223	52.407
20)	A Methoxychlor	7.500	6.610	52333742	83443527	52.351	51.840
21)	B Endrin ke...	7.643	6.840	114.3E6	193.6E6	50.961	53.182
22)	Mirex	8.116	7.019	91919110	155.0E6	49.188	50.705

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
Data File : PL093597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jan 2025 10:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

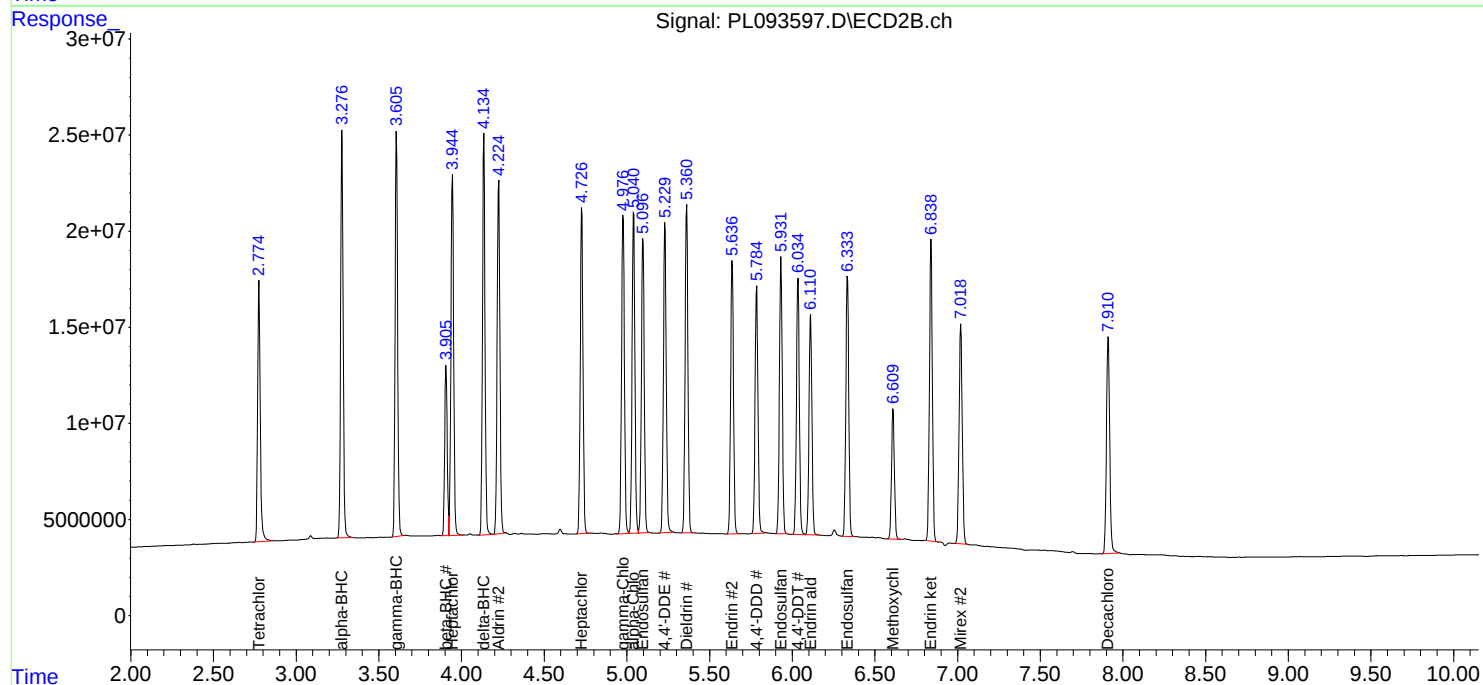
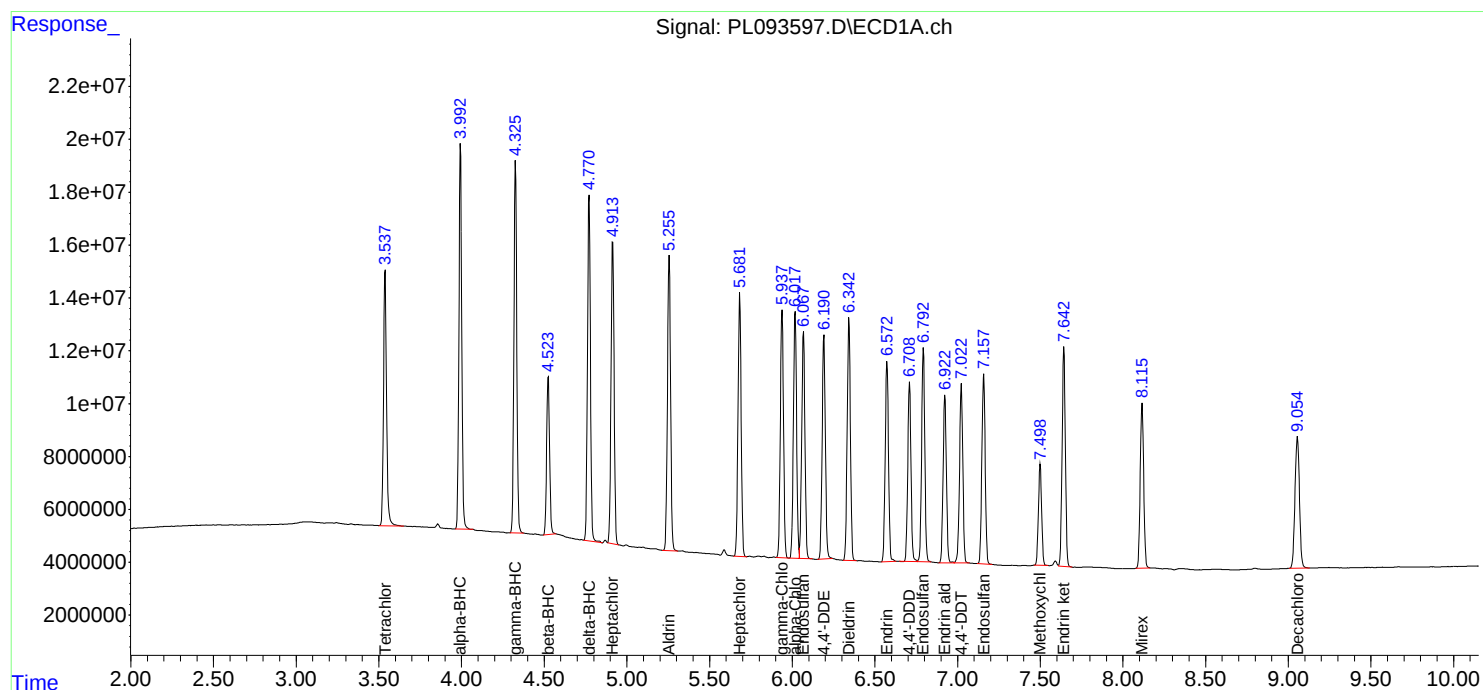
APPROVED

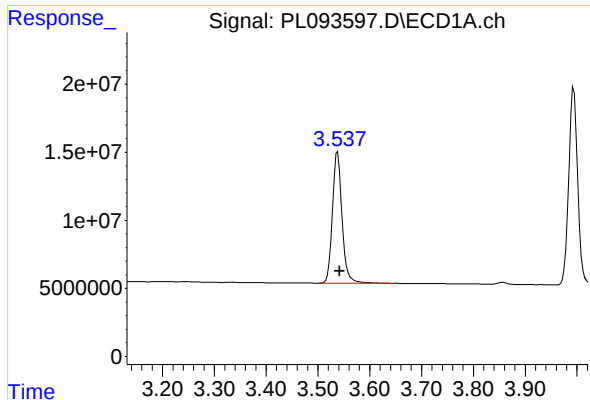
Reviewed By :Abdul Mirza 01/09/2025

Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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.: -0.004 min
Response: 124245581
Conc: 50.19 ng/ml

Instrument :

ECD_L

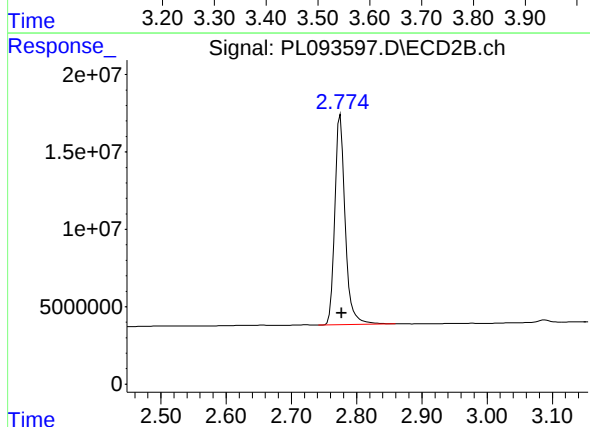
ClientSampleId :

PSTDCCC050

Manual Integrations

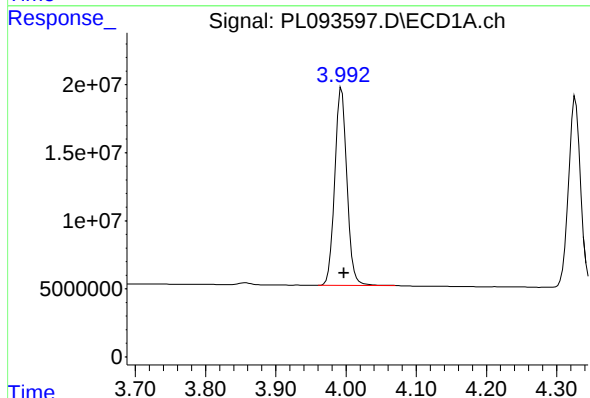
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



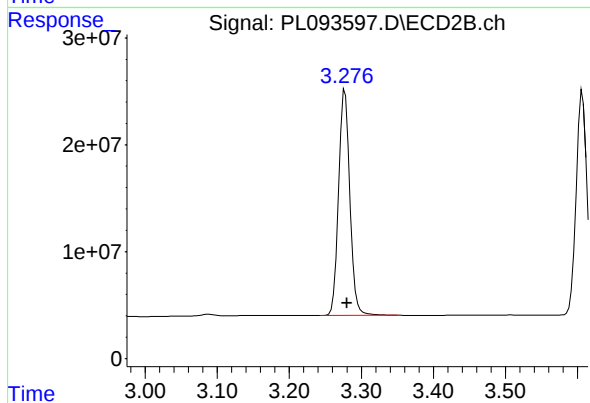
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 149645548
Conc: 51.40 ng/ml



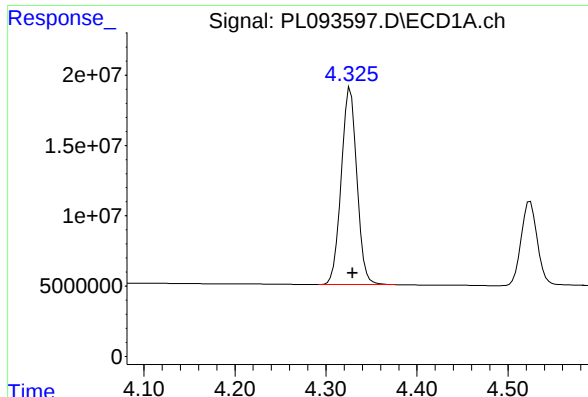
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 174065306
Conc: 50.42 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 227294355
Conc: 52.29 ng/ml



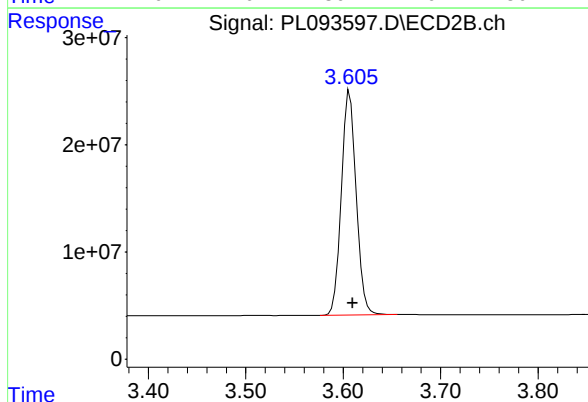
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 167362339
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

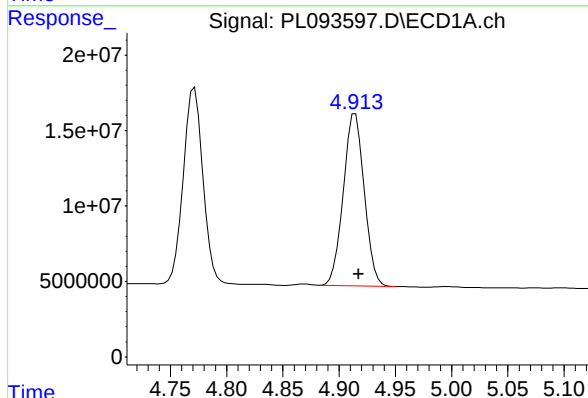
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



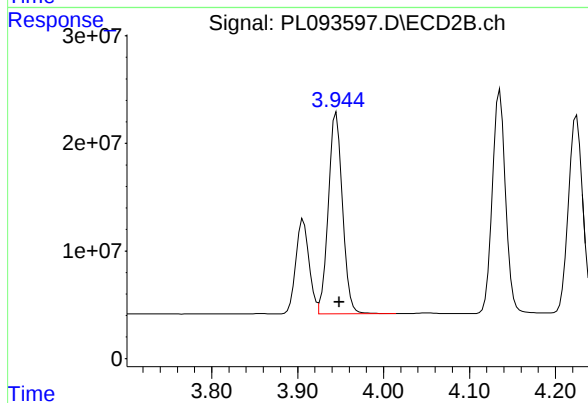
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 221889375
Conc: 52.59 ng/ml



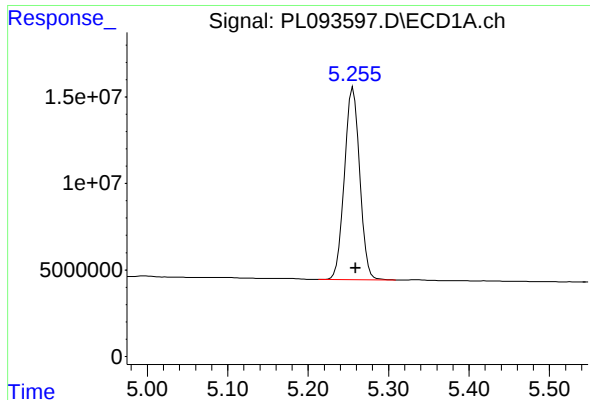
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.005 min
Response: 147978161
Conc: 50.53 ng/ml m



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 216103070
Conc: 52.00 ng/ml



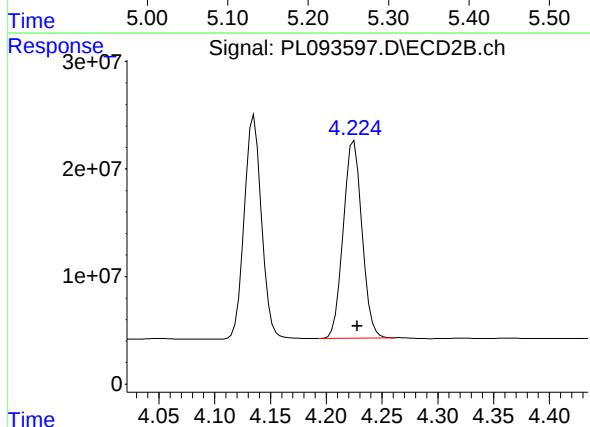
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 146653773
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

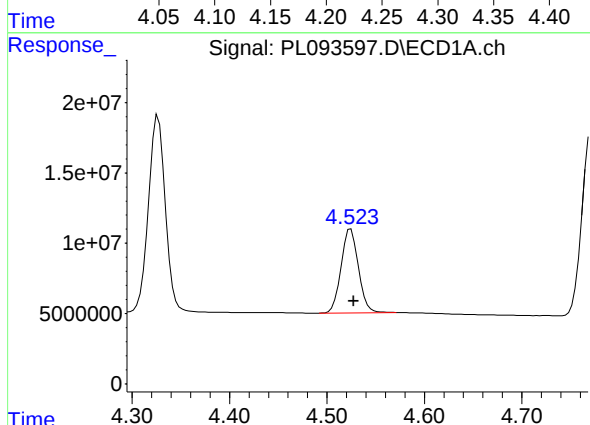
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



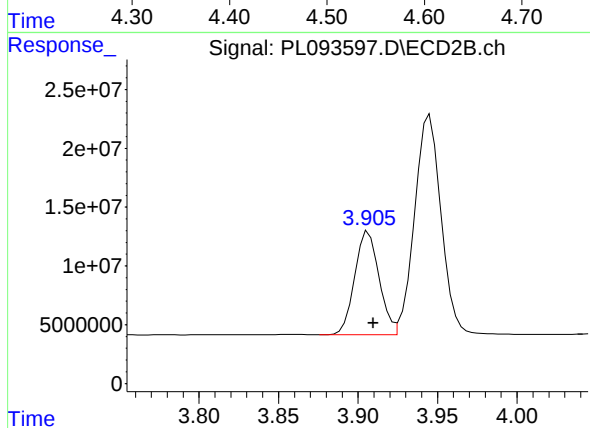
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.003 min
Response: 214428566
Conc: 52.27 ng/ml



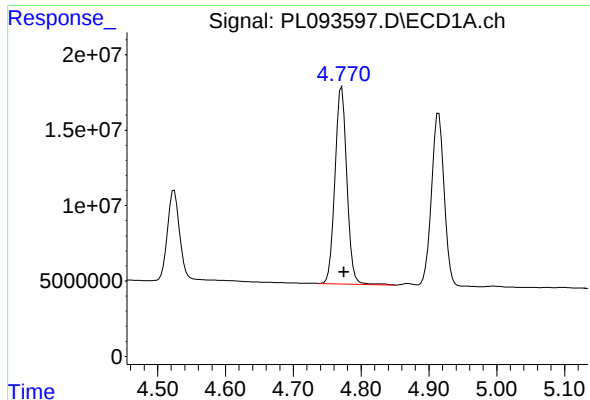
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 73770237
Conc: 51.17 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 93705273
Conc: 52.13 ng/ml



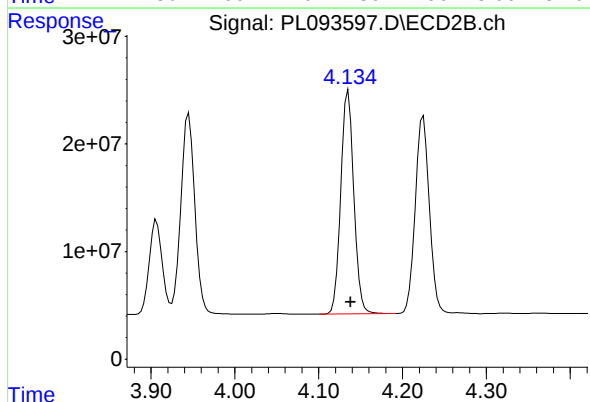
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 159894878
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

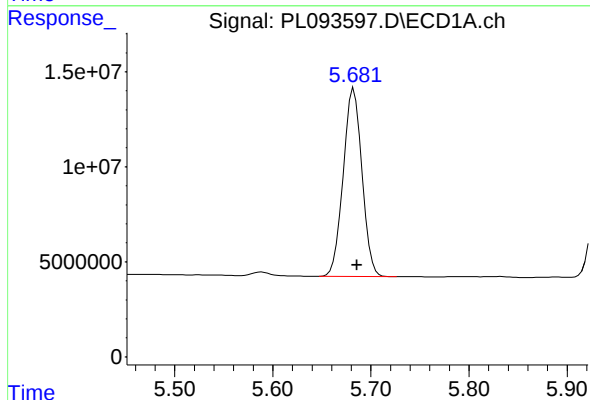
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



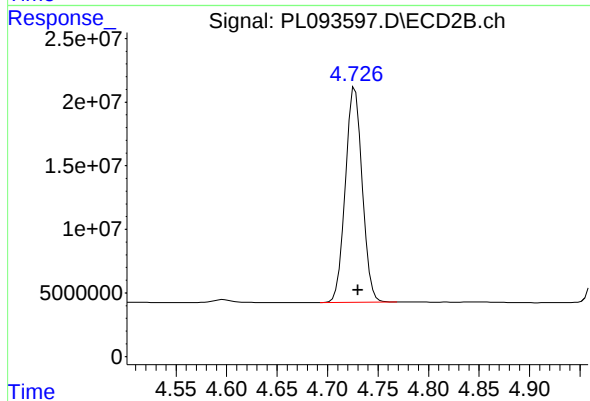
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 224235219
Conc: 53.02 ng/ml



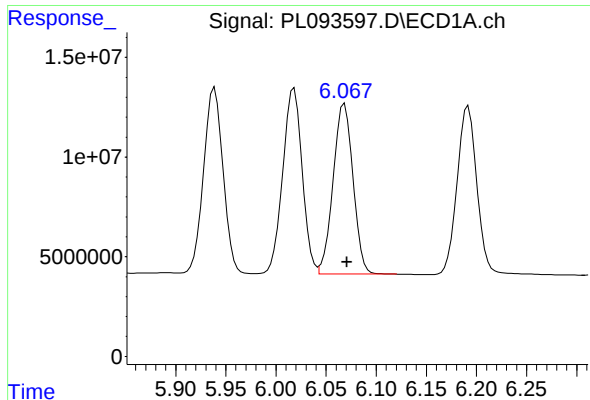
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 131690702
Conc: 49.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.003 min
Response: 196933089
Conc: 51.44 ng/ml



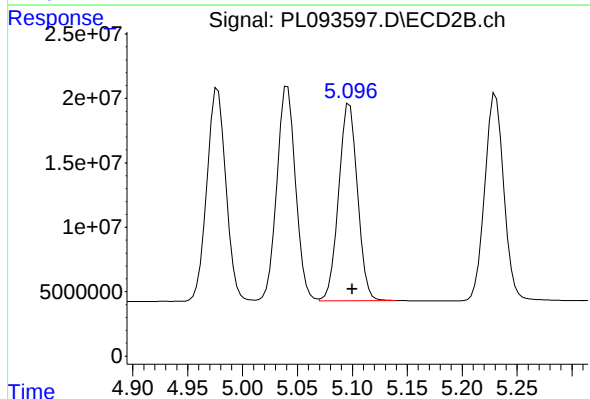
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 117581857
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

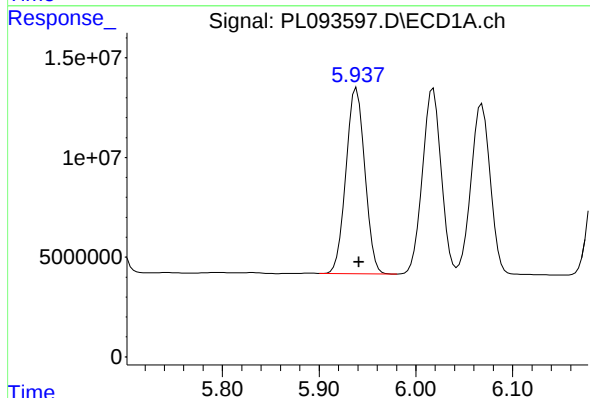
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



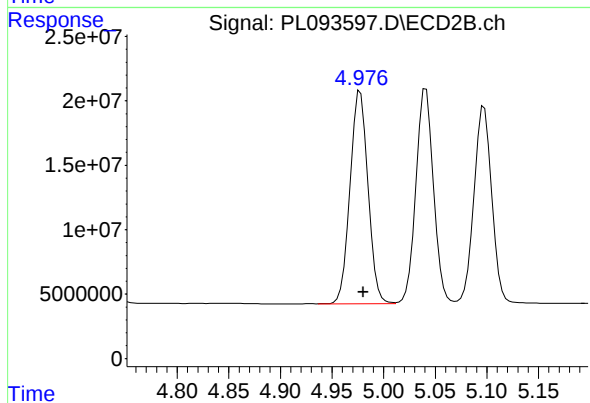
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 182374026
Conc: 52.20 ng/ml



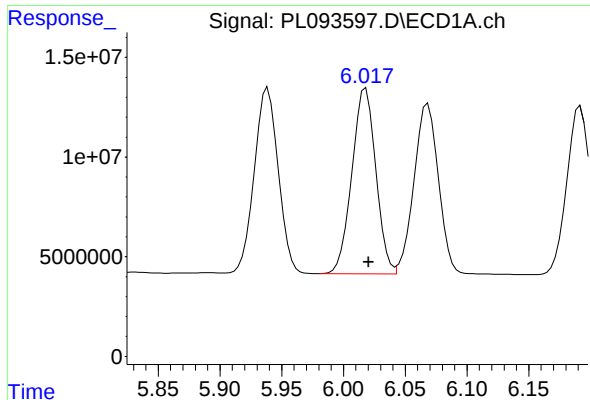
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 125523473
Conc: 49.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 199954093
Conc: 51.90 ng/ml



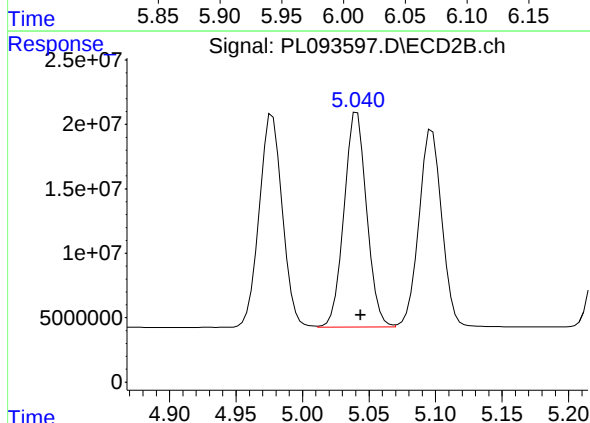
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 125431824
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

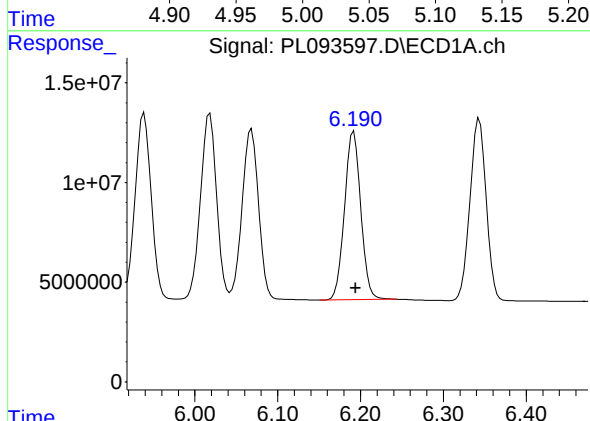
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



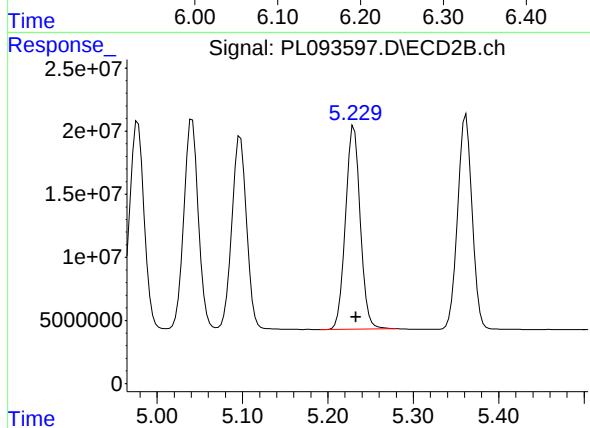
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 197217820
Conc: 51.80 ng/ml



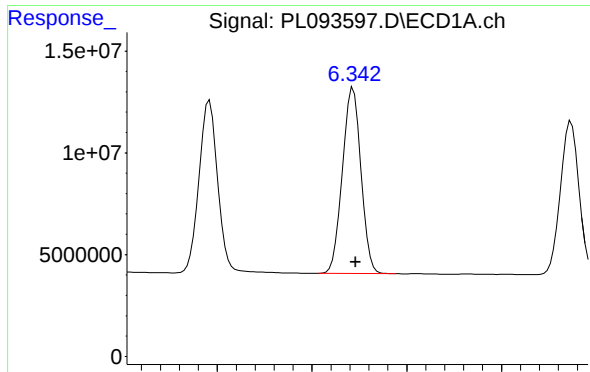
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 115076287
Conc: 51.29 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 193301141
Conc: 52.57 ng/ml



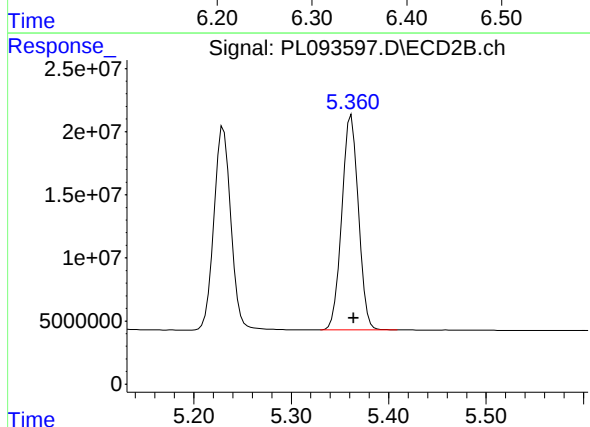
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 124260758
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

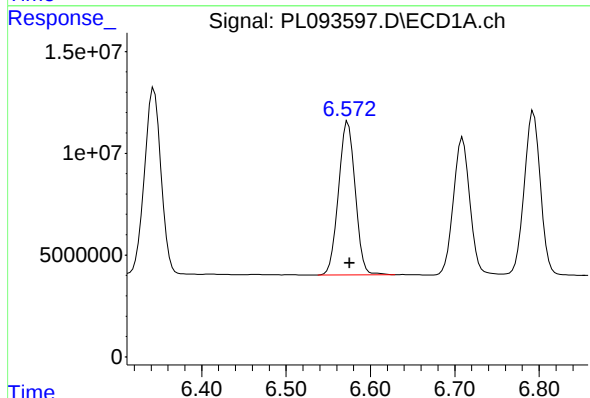
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



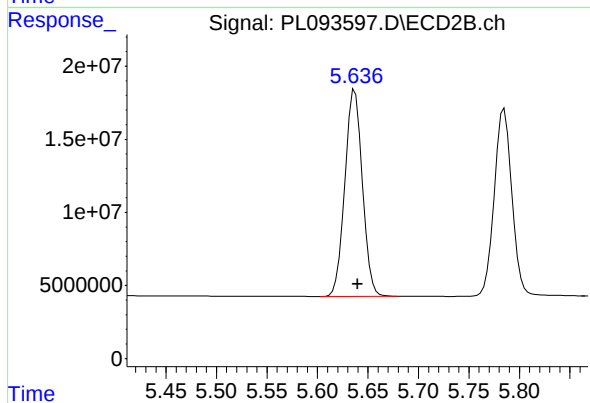
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 200959261
Conc: 52.14 ng/ml



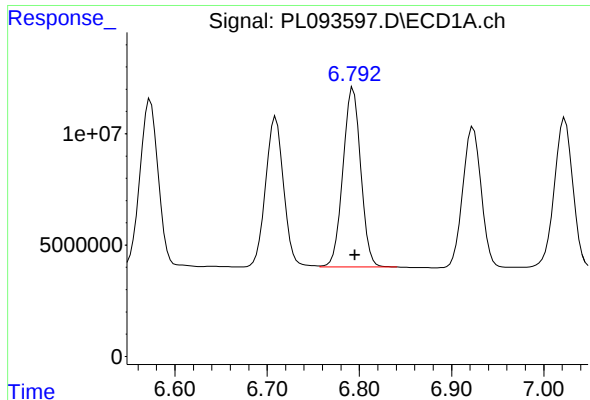
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 103665130
Conc: 48.16 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 170649902
Conc: 51.58 ng/ml



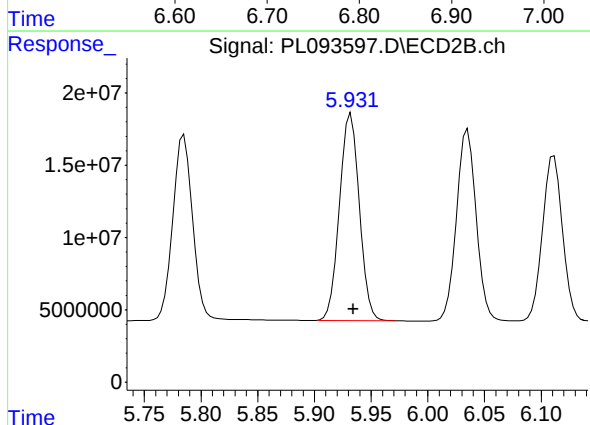
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 107473183
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

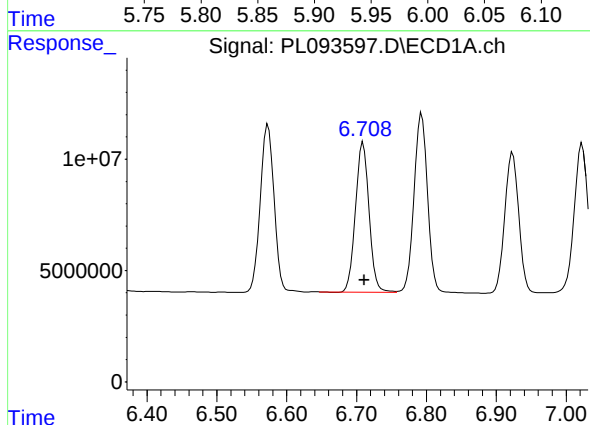
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



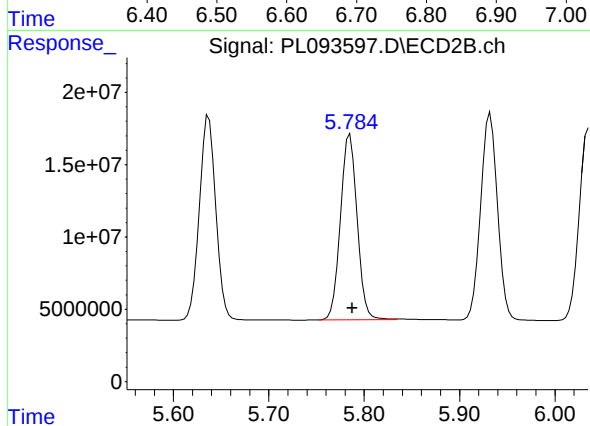
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 174246327
Conc: 53.63 ng/ml



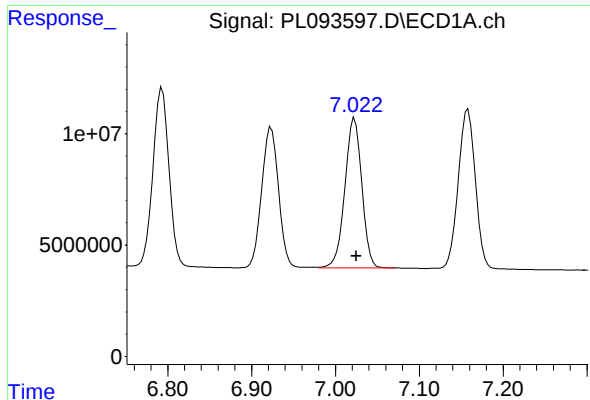
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 91075766
Conc: 51.87 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 155748074
Conc: 55.03 ng/ml



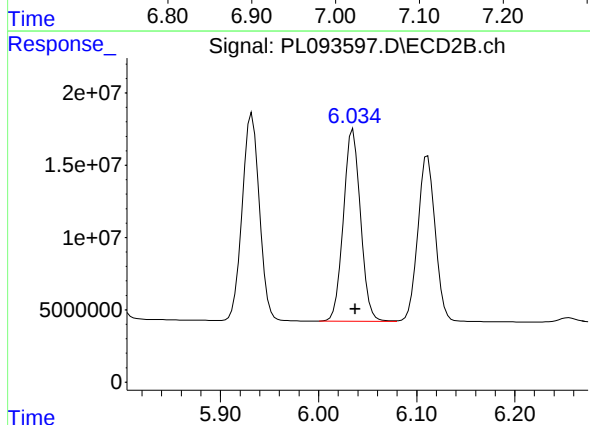
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 94359575
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

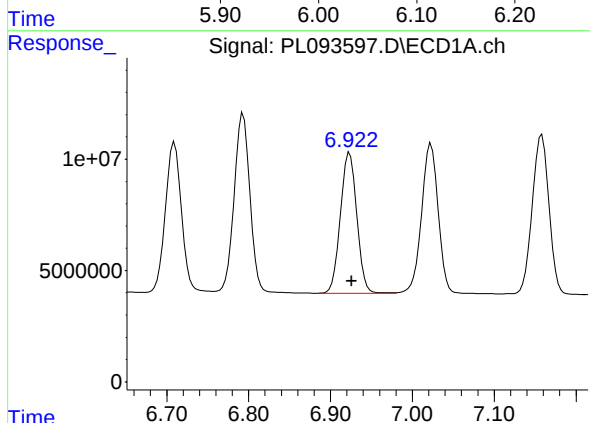
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



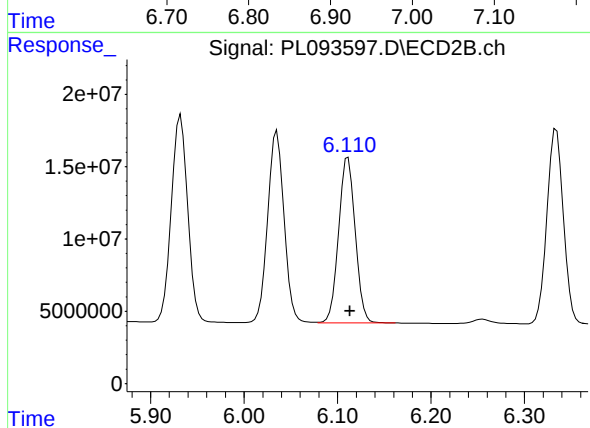
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 161028125
Conc: 53.32 ng/ml



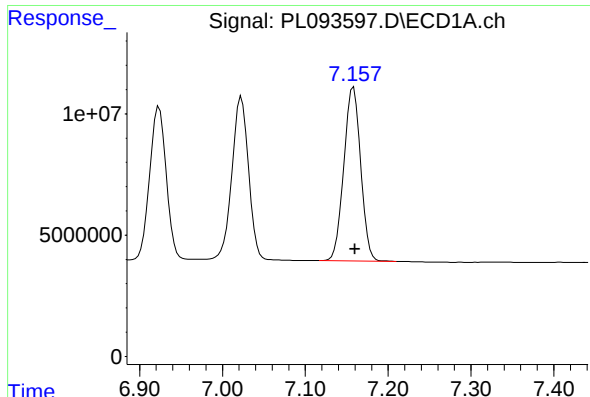
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 88384857
Conc: 49.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 141033493
Conc: 52.37 ng/ml



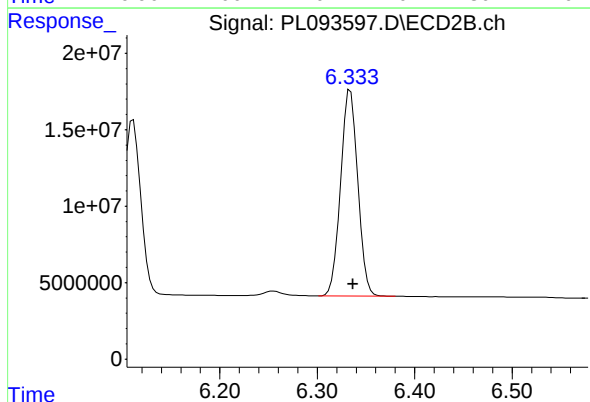
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 101402292
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

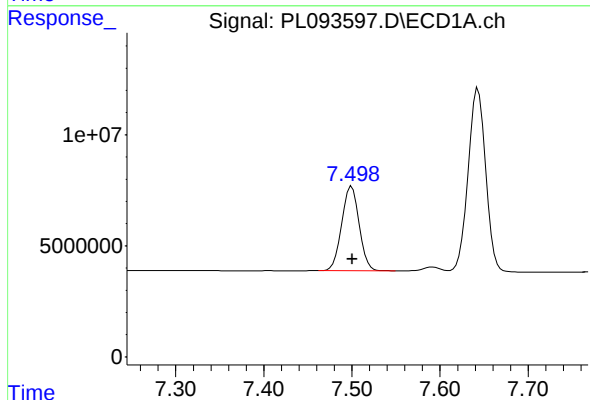
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



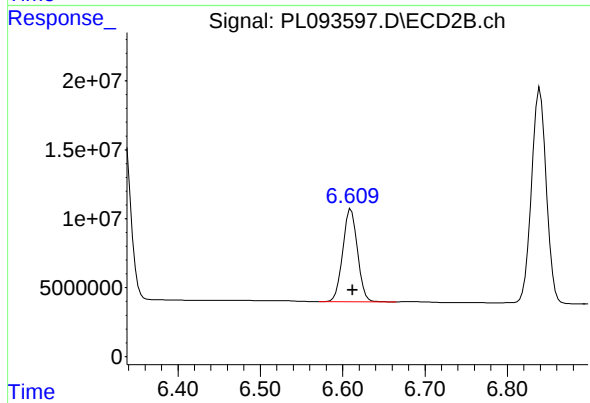
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 165314263
Conc: 52.41 ng/ml



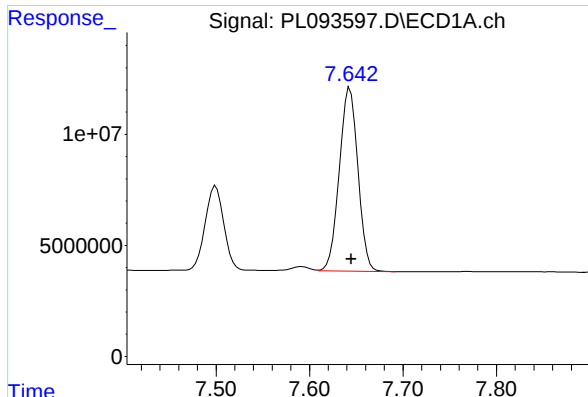
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 52333742
Conc: 52.35 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 83443527
Conc: 51.84 ng/ml



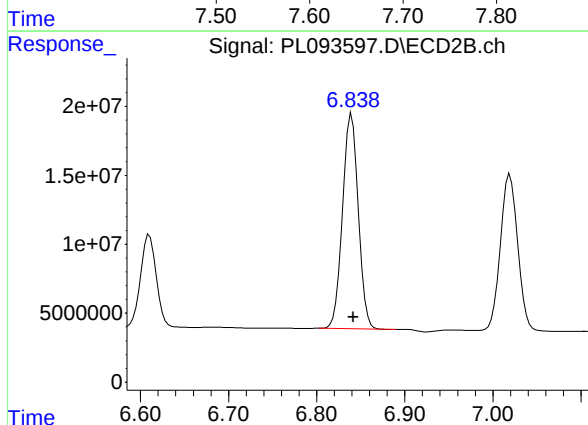
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 114347877
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

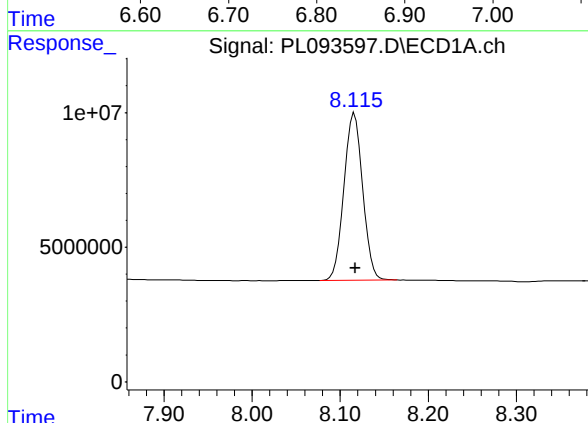
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



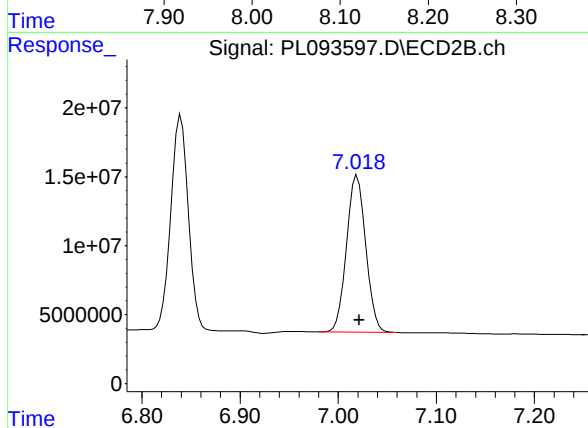
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 193602101
Conc: 53.18 ng/ml



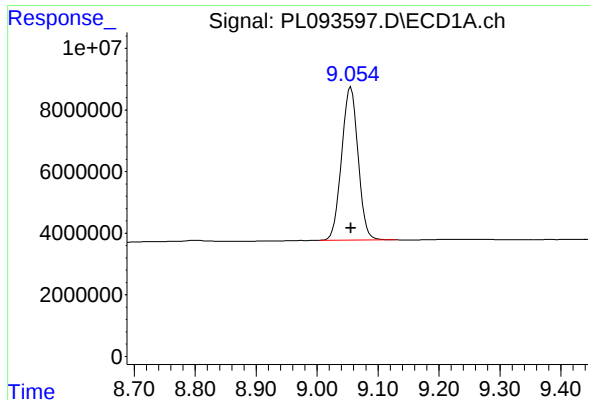
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 91919110
Conc: 49.19 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: -0.002 min
Response: 154978965
Conc: 50.70 ng/ml



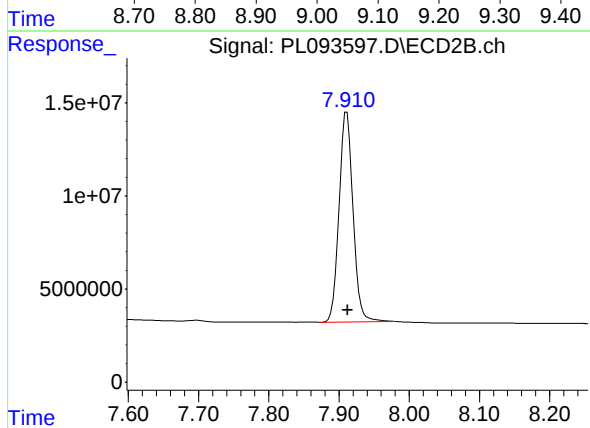
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 93442649
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 155778489
Conc: 52.17 ng/ml