

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
 Data File : PL094044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 12:56
 Operator : AR\AJ
 Sample : PB166527BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166527BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:38:49 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...	3.541	2.775	60452534	69125554	22.450	21.177
28)	SA Decachlor...	9.059	7.911	45613635	77151082	21.805	22.018
Target Compounds							
2)	A alpha-BHC	3.997	3.277	191.2E6	246.9E6	49.875	50.508
3)	MA gamma-BHC...	4.330	3.607	178.9E6	234.8E6	48.570	49.532
4)	MA Heptachlor	4.918	3.946	164.3E6	231.6E6	50.143	49.762
5)	MB Aldrin	5.260	4.225	162.0E6	229.7E6	49.506	50.361
6)	B beta-BHC	4.528	3.908	81471355	103.8E6	50.688	51.945
7)	B delta-BHC	4.775	4.136	173.3E6	234.1E6	49.452	49.269
8)	B Heptachlo...	5.686	4.728	145.9E6	217.1E6	49.069	51.942
9)	A Endosulfan I	6.071	5.097	132.7E6	202.6E6	50.201	52.271
10)	B gamma-Chl...	5.941	4.976	143.8E6	227.8E6	51.577m	53.747m
11)	B alpha-Chl...	6.021	5.041	141.2E6	219.9E6	50.652	52.519
12)	B 4,4'-DDE	6.194	5.230	130.7E6	220.3E6	53.686	54.943
13)	MA Dieldrin	6.347	5.362	138.5E6	224.8E6	49.885	52.323
14)	MA Endrin	6.575	5.637	106.8E6	188.8E6	45.558m	51.131
15)	B Endosulfa...	6.797	5.932	116.1E6	200.8E6	48.197	54.226
16)	A 4,4'-DDD	6.713	5.785	101.9E6	184.1E6	53.621	58.326
17)	MA 4,4'-DDT	7.026	6.035	95086316	163.4E6	48.217	50.219
18)	B Endrin al...	6.927	6.111	91973368	152.7E6	47.310	50.140
19)	B Endosulfa...	7.162	6.334	106.3E6	182.9E6	46.966	51.279
20)	A Methoxychlor	7.503	6.610	46871503	85031847	44.922	47.553
21)	B Endrin ke...	7.647	6.839	119.5E6	217.6E6	47.383	51.877
22)	Mirex	8.119	7.020	86962121	153.5E6	41.759	45.385

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
Data File : PL094044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Feb 2025 12:56
Operator : AR\AJ
Sample : PB166527BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166527BS

Manual Integrations

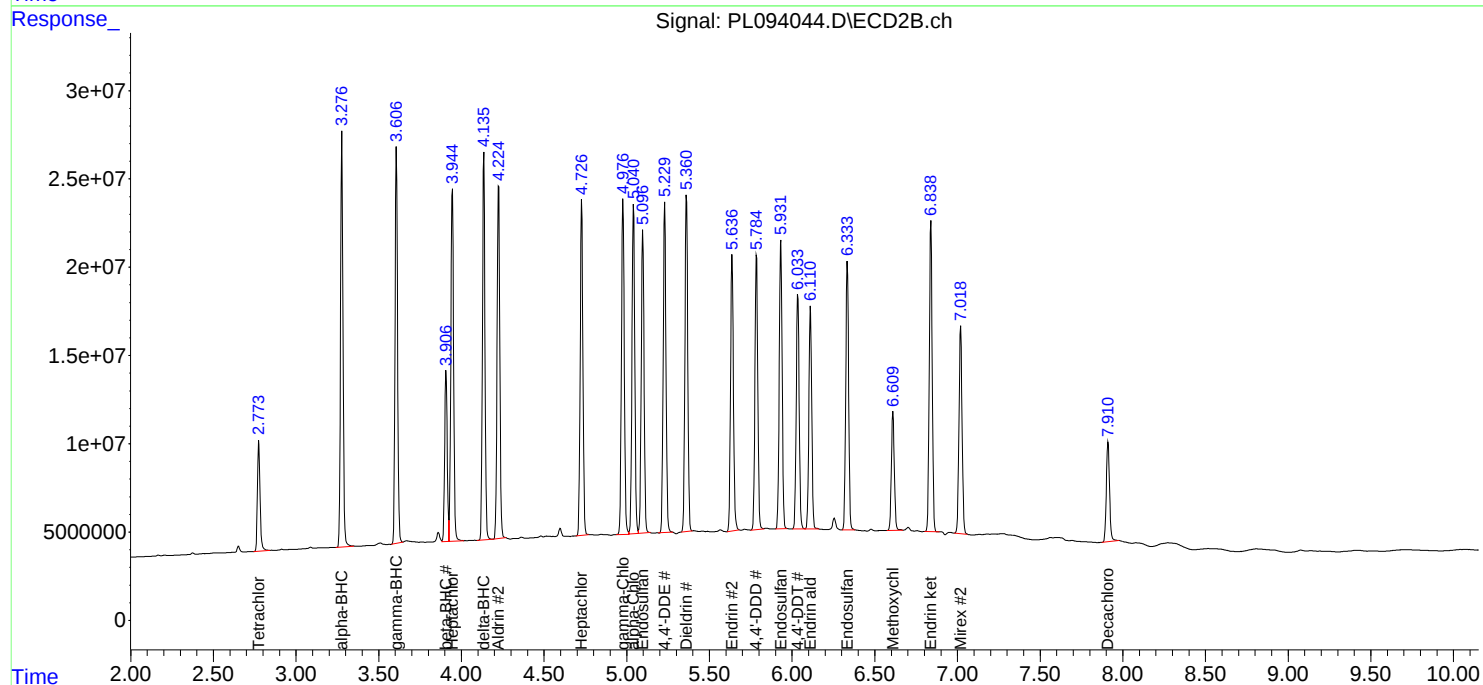
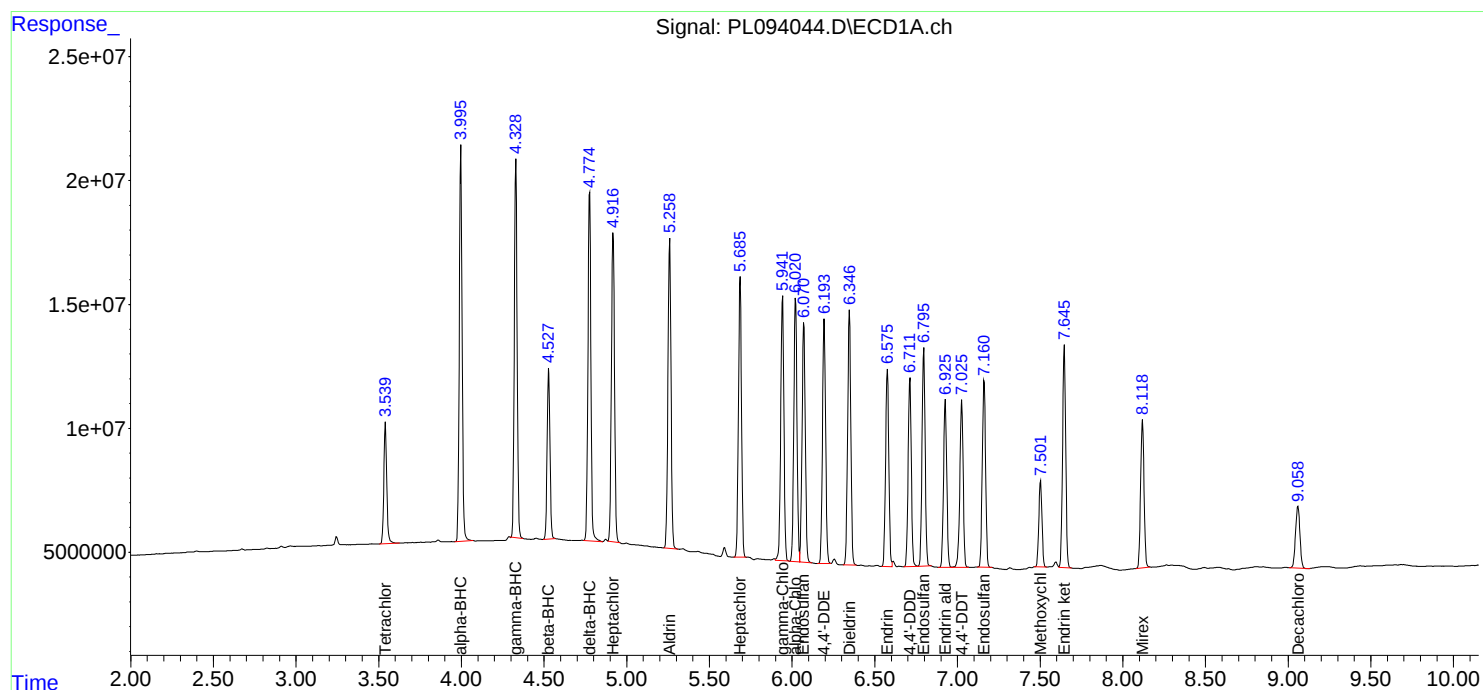
APPROVED

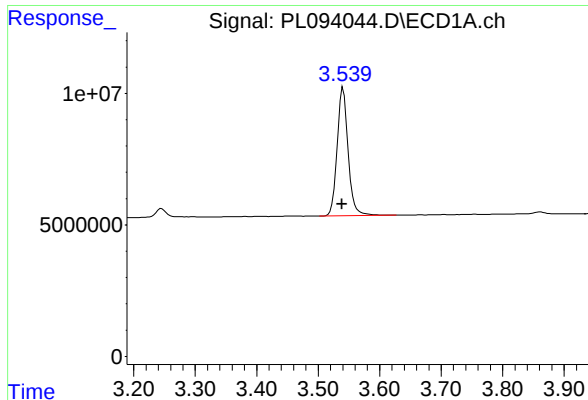
Reviewed By :Abdul Mirza 02/05/2025

Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 01:38:49 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





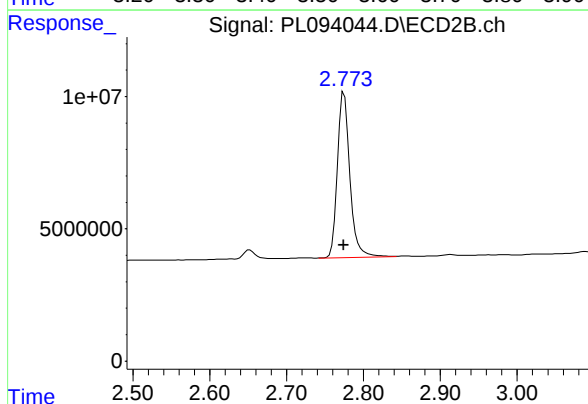
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 60452534
Conc: 22.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

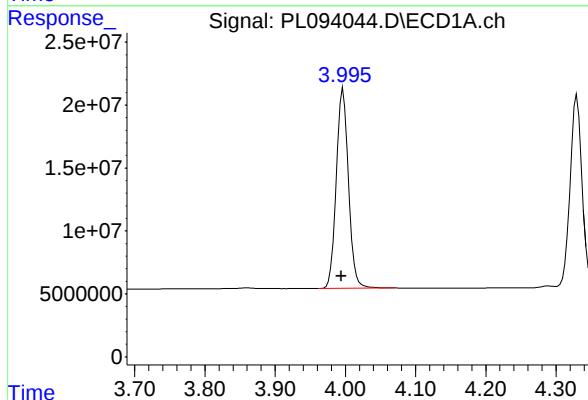
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



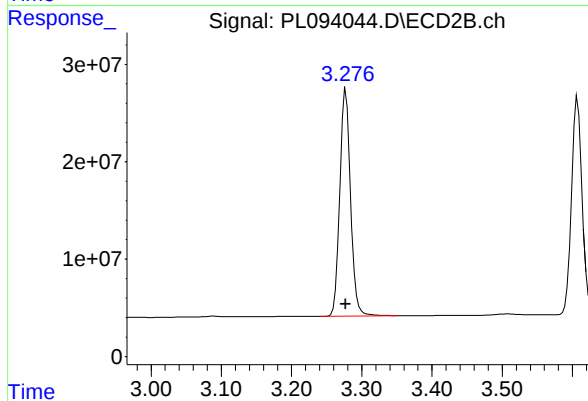
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 69125554
Conc: 21.18 ng/ml



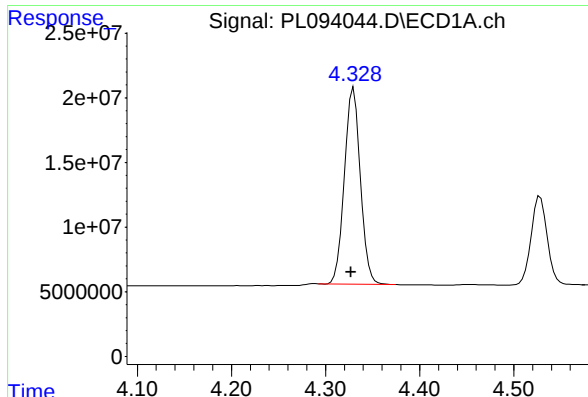
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.002 min
Response: 191212373
Conc: 49.87 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 246931178
Conc: 50.51 ng/ml



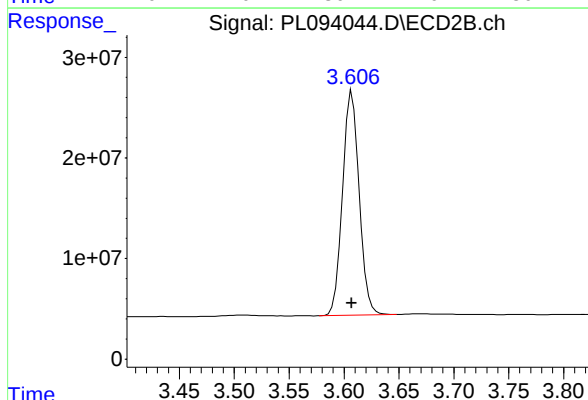
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 178876627
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

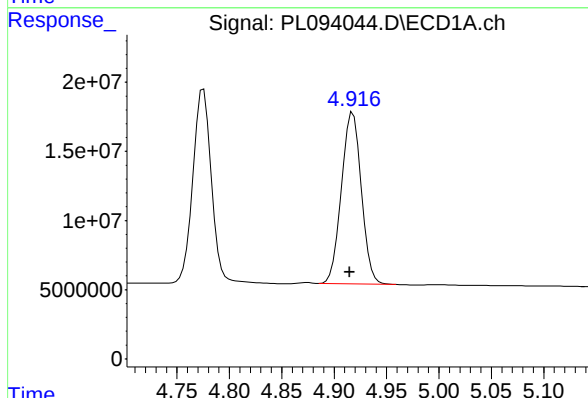
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



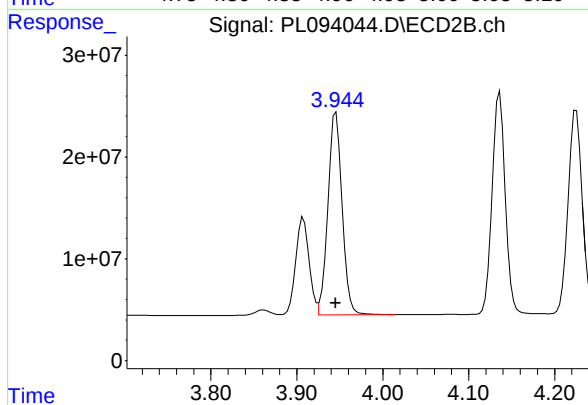
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 234843636
Conc: 49.53 ng/ml



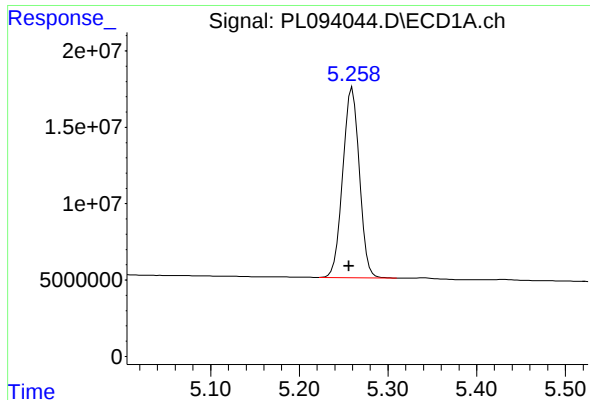
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.003 min
Response: 164335417
Conc: 50.14 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 231633004
Conc: 49.76 ng/ml



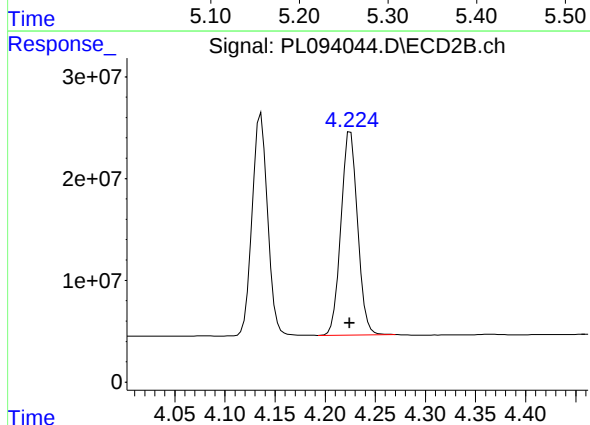
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.004 min
Response: 161981609
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

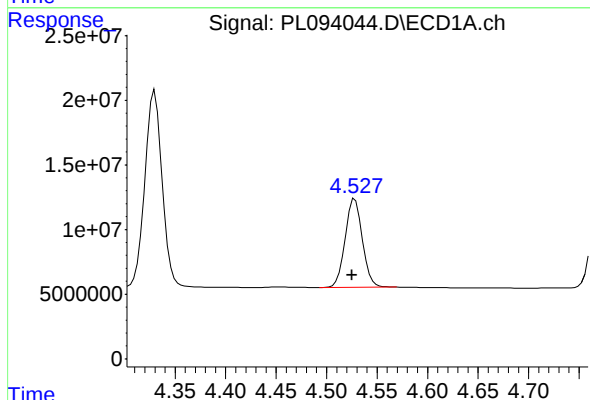
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



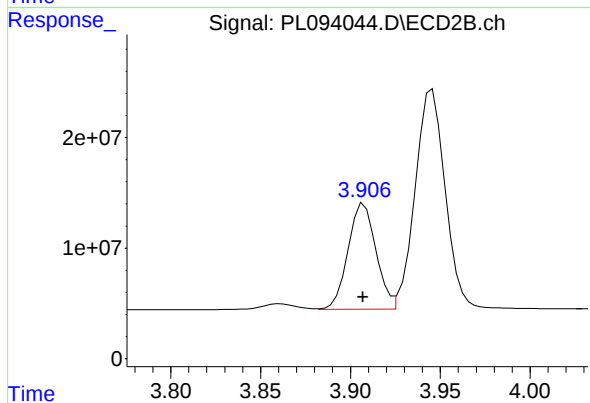
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 229734532
Conc: 50.36 ng/ml



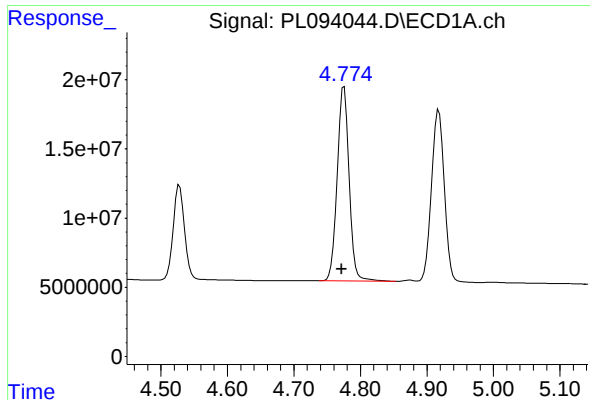
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 81471355
Conc: 50.69 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 103756253
Conc: 51.94 ng/ml



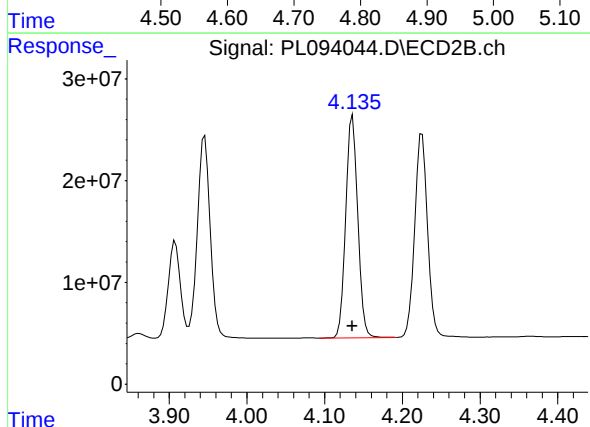
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.004 min
Response: 173345019
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

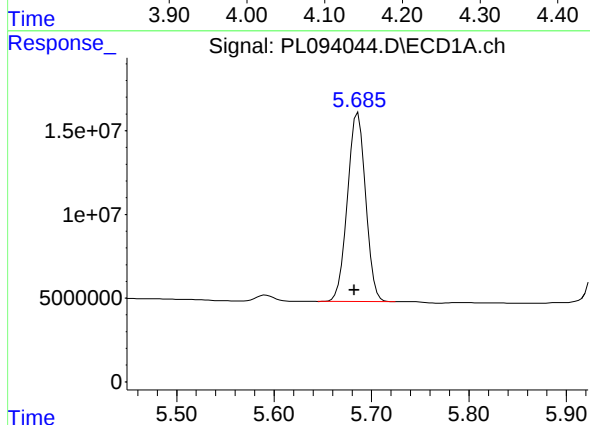
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



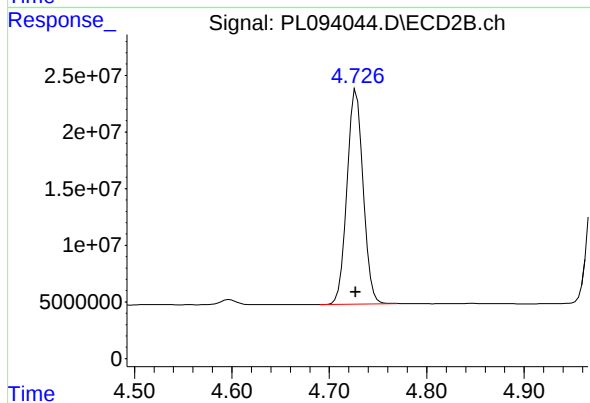
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 234086864
Conc: 49.27 ng/ml



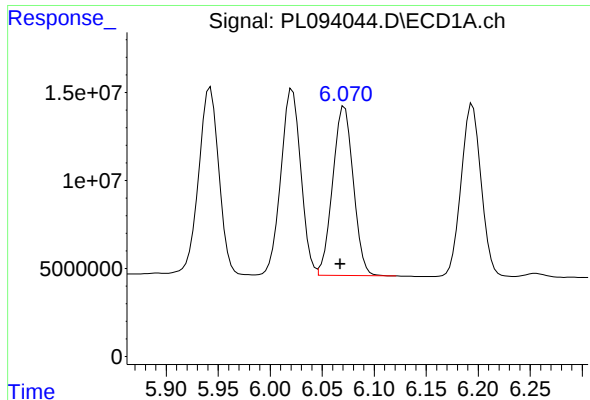
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.004 min
Response: 145923024
Conc: 49.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 217132360
Conc: 51.94 ng/ml



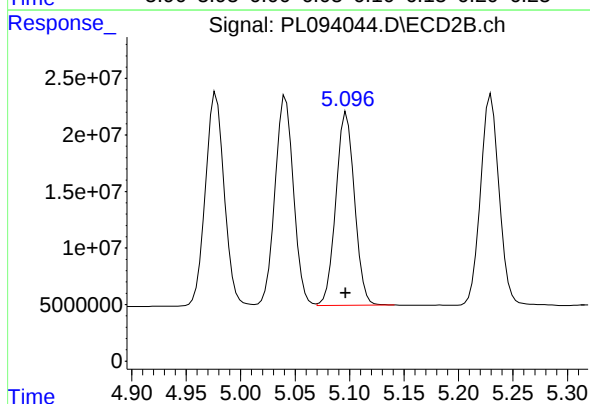
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.004 min
Response: 132673433
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

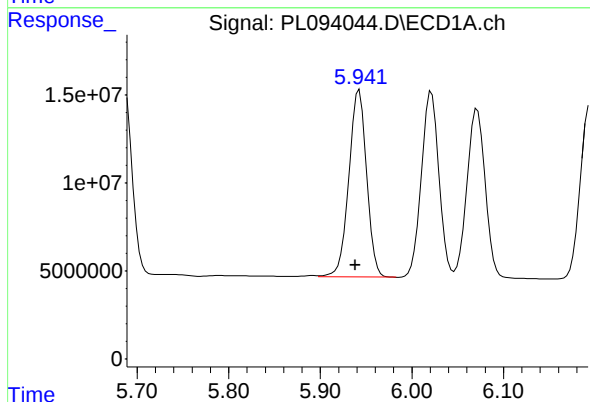
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



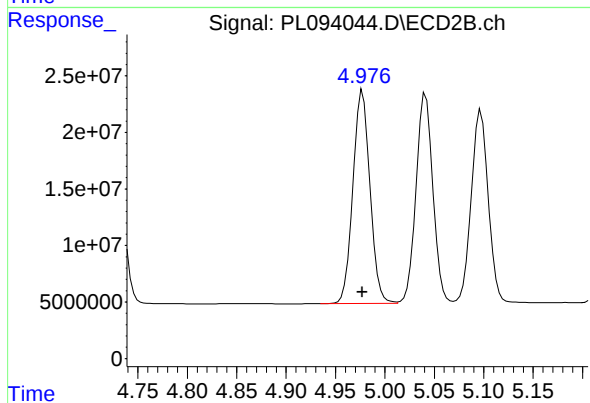
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 202649314
Conc: 52.27 ng/ml



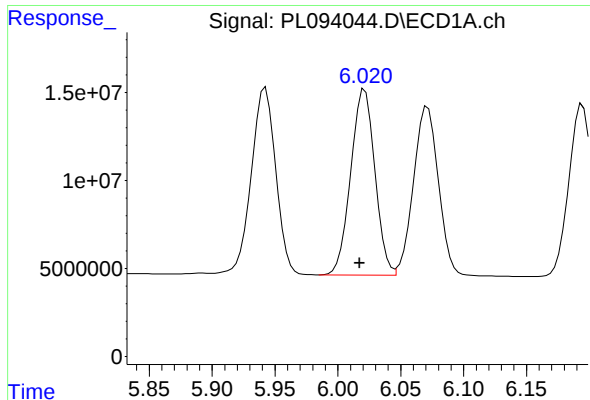
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.003 min
Response: 143765560
Conc: 51.58 ng/ml m



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 227757993
Conc: 53.75 ng/ml m



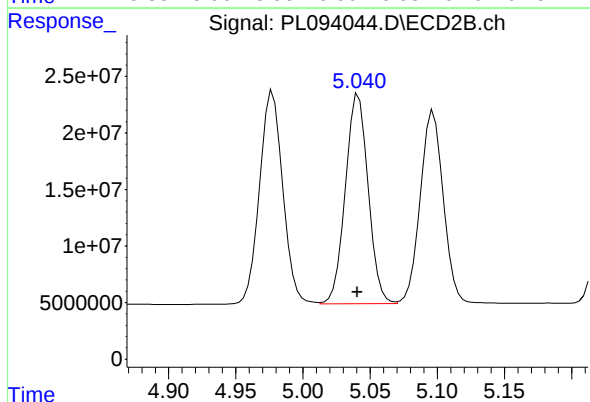
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.004 min
Response: 141238409
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

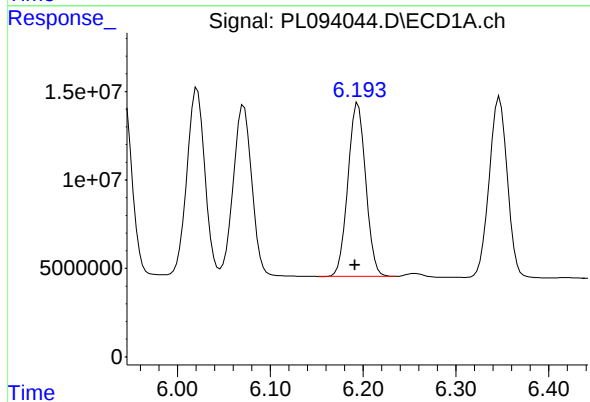
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



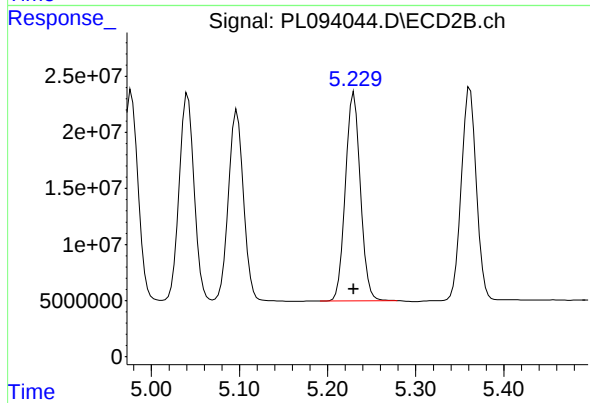
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 219874606
Conc: 52.52 ng/ml



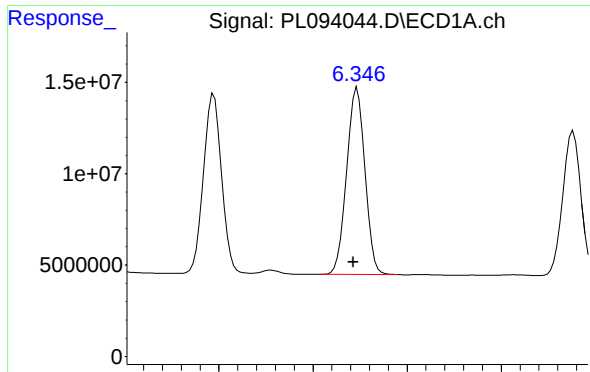
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.003 min
Response: 130703928
Conc: 53.69 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 220293366
Conc: 54.94 ng/ml



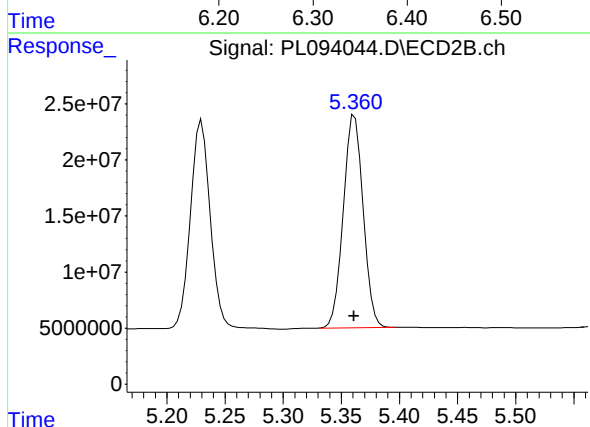
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.004 min
Response: 138472840
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

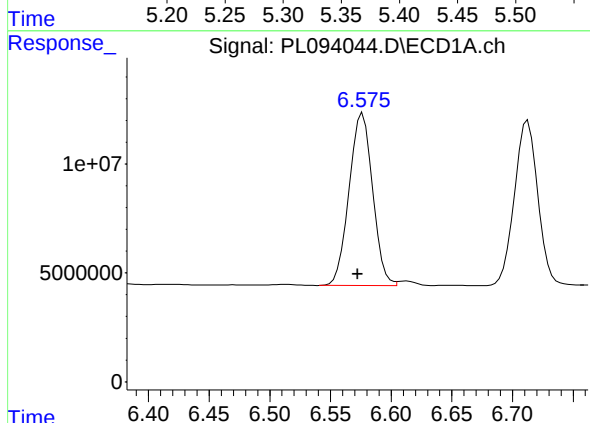
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



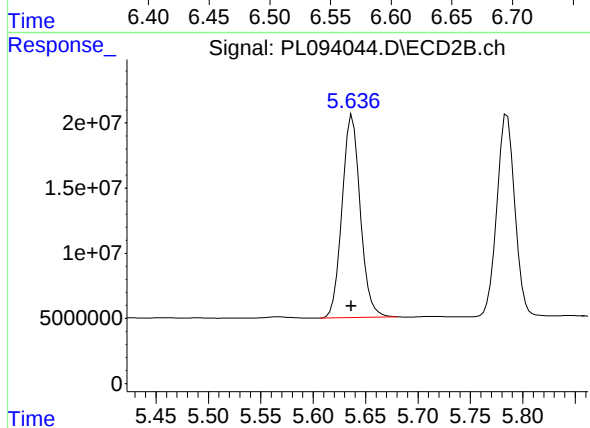
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 224760401
Conc: 52.32 ng/ml



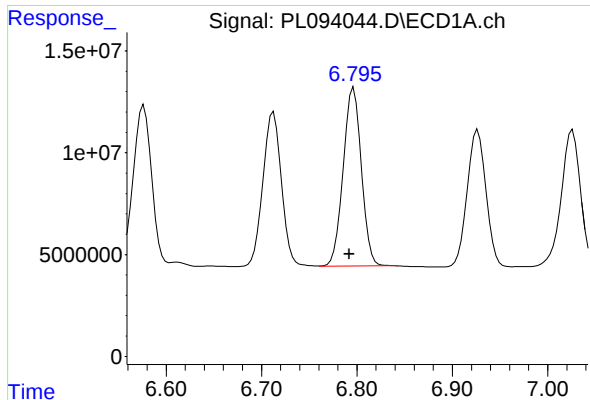
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 106824725
Conc: 45.56 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 188810901
Conc: 51.13 ng/ml



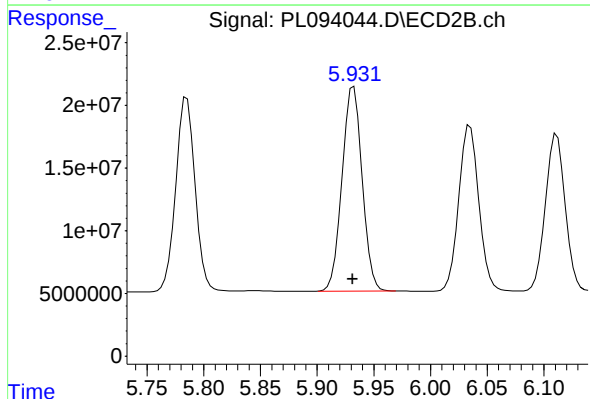
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.004 min
Response: 116124670
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

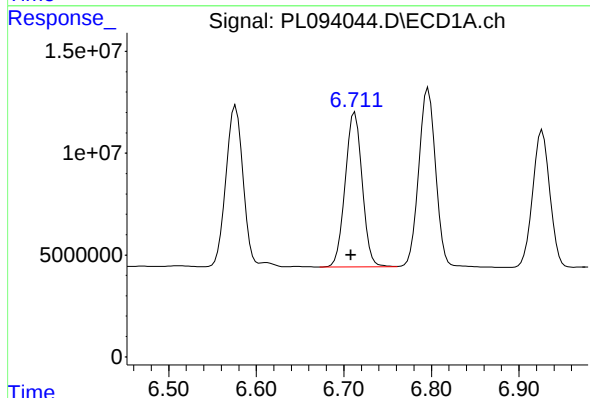
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



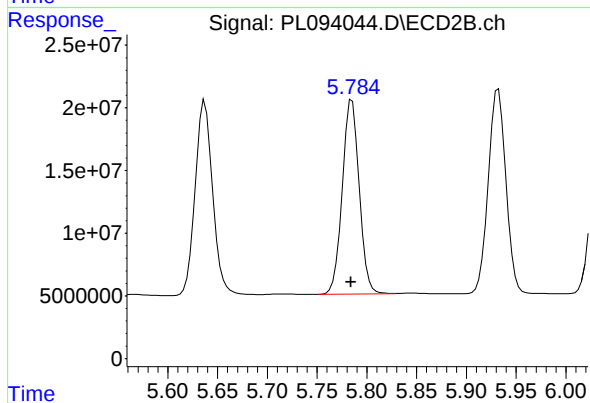
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 200842146
Conc: 54.23 ng/ml



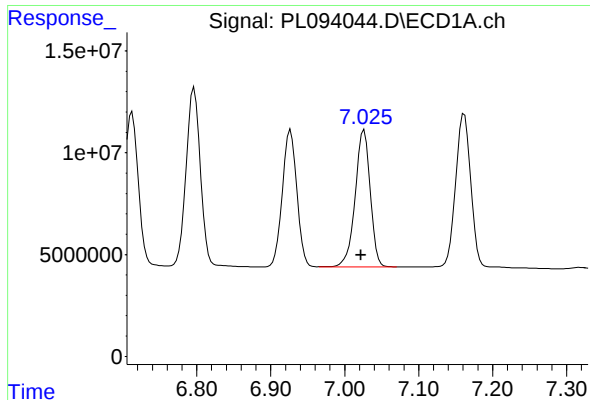
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 101910323
Conc: 53.62 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 184109577
Conc: 58.33 ng/ml



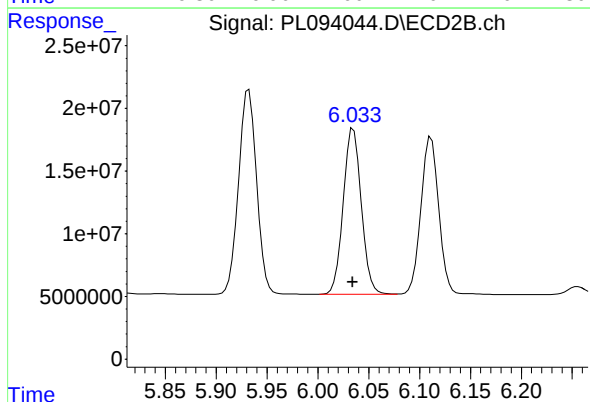
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 95086316
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

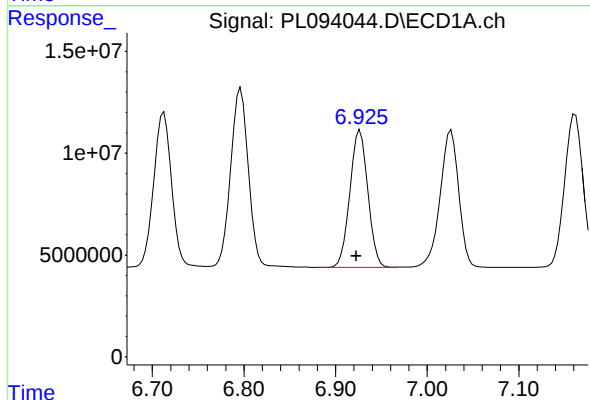
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



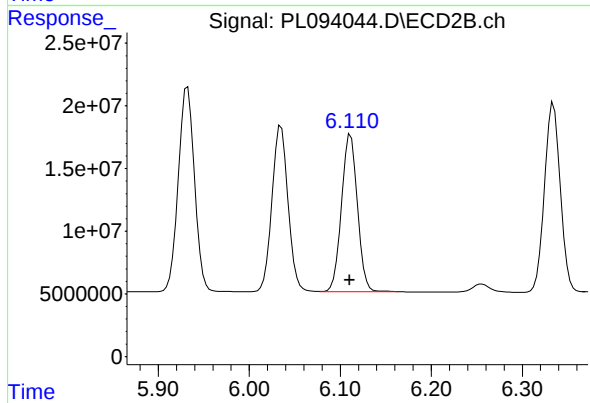
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 163413894
Conc: 50.22 ng/ml



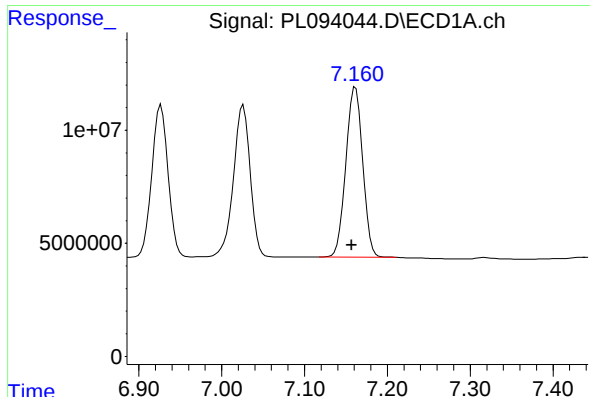
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.004 min
Response: 91973368
Conc: 47.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 152659274
Conc: 50.14 ng/ml



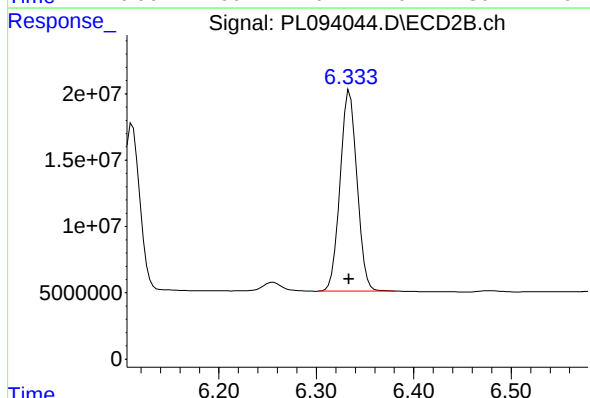
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 106318081
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

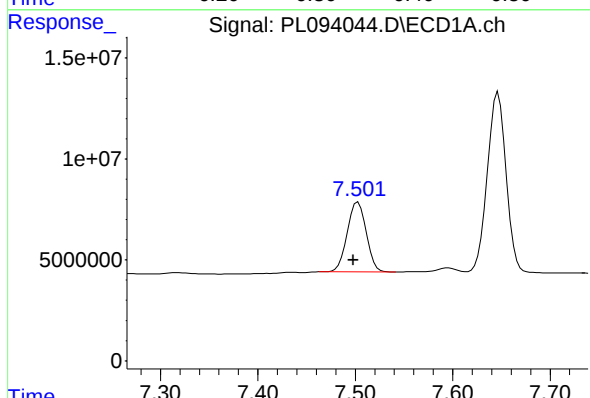
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



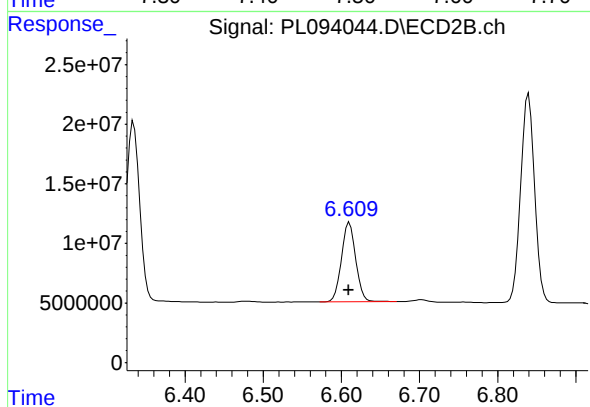
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 182864835
Conc: 51.28 ng/ml



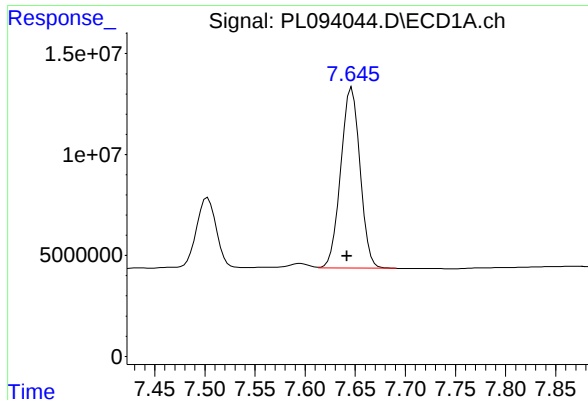
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 46871503
Conc: 44.92 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 85031847
Conc: 47.55 ng/ml



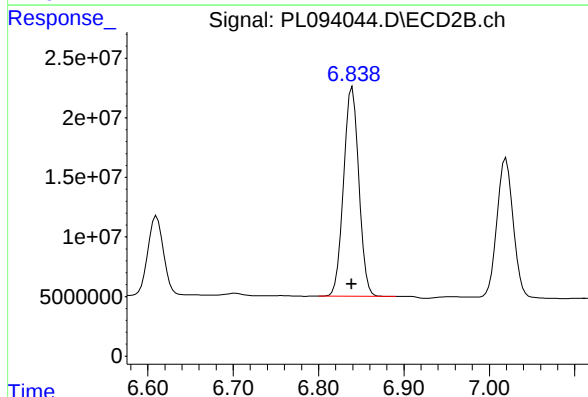
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.005 min
Response: 119528490
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

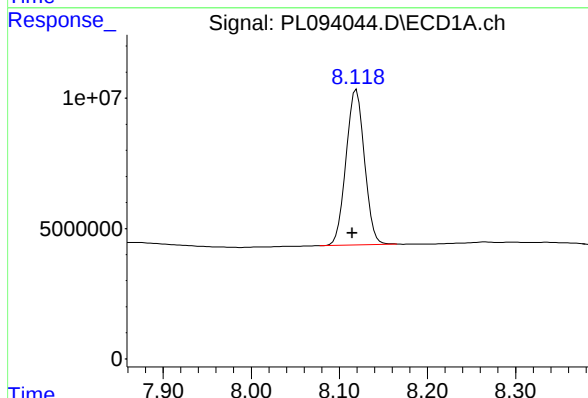
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



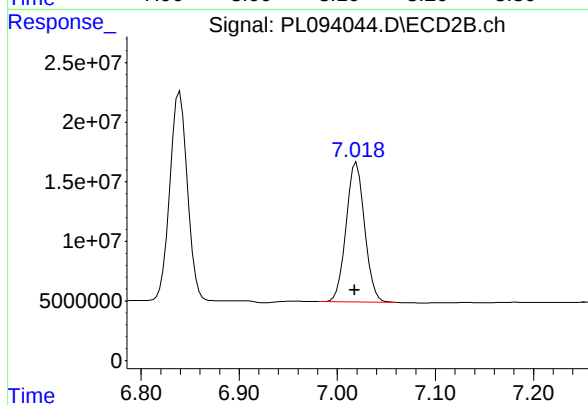
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 217636045
Conc: 51.88 ng/ml



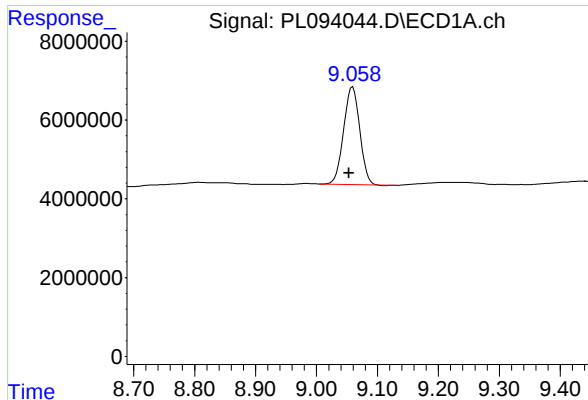
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.005 min
Response: 86962121
Conc: 41.76 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 153487482
Conc: 45.39 ng/ml



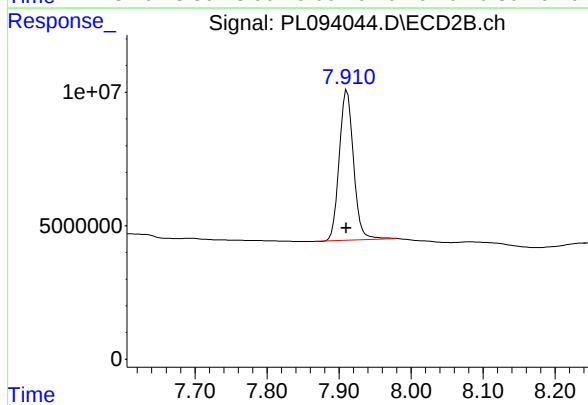
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.006 min
Response: 45613635
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166527BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 77151082
Conc: 22.02 ng/ml