

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 15:31
 Operator : AR\AJ
 Sample : PB168016BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168016BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2025
 Supervised By : mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 04:03:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.594	2.904	91717740	99922942	22.447	21.333
28)	SA Decachlor...	9.118	8.083	85861487	93892063	25.310	22.763
Target Compounds							
2)	A alpha-BHC	4.045	3.414	270.5E6	312.3E6	46.228	43.673
3)	MA gamma-BHC...	4.376	3.747	254.9E6	296.4E6	45.800	43.895
4)	MA Heptachlor	4.973	4.101	249.6E6	286.7E6	45.834	43.948
5)	MB Aldrin	5.315	4.386	261.2E6	275.7E6	45.478	43.235
6)	B beta-BHC	4.561	4.041	113.6E6	130.9E6	46.371	43.389
7)	B delta-BHC	4.810	4.277	248.9E6	304.5E6	45.822	44.740
8)	B Heptachlo...	5.736	4.888	229.4E6	252.3E6	44.270	43.656
9)	A Endosulfan I	6.119	5.262	219.2E6	238.8E6	44.772	46.178
10)	B gamma-Chl...	5.991	5.141	242.0E6	261.2E6	45.181	43.859
11)	B alpha-Chl...	6.072	5.206	240.9E6	257.4E6	46.339	43.607
12)	B 4,4'-DDE	6.240	5.391	242.6E6	266.3E6	47.391	44.617m
13)	MA Dieldrin	6.392	5.527	218.6E6	272.0E6	44.360	44.213
14)	MA Endrin	6.619	5.802	175.6E6	245.3E6	45.851	46.048
15)	B Endosulfa...	6.831	6.093	208.4E6	238.1E6	49.999	43.483
16)	A 4,4'-DDD	6.749	5.944	172.1E6	223.2E6	44.289	43.403
17)	MA 4,4'-DDT	7.064	6.198	185.6E6	235.0E6	51.575	46.829
18)	B Endrin al...	6.959	6.271	131.4E6	171.5E6	44.770	44.789
19)	B Endosulfa...	7.193	6.494	166.7E6	214.9E6	45.419	43.217
20)	A Methoxychlor	7.535	6.768	83193899	126.7E6	49.343	46.828
21)	B Endrin ke...	7.675	7.000	167.5E6	242.8E6	44.702	41.314
22)	Mirex	8.156	7.196	133.5E6	177.9E6	43.845	41.265

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
Data File : PL095690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 15:31
Operator : AR\AJ
Sample : PB168016BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168016BS

Manual Integrations

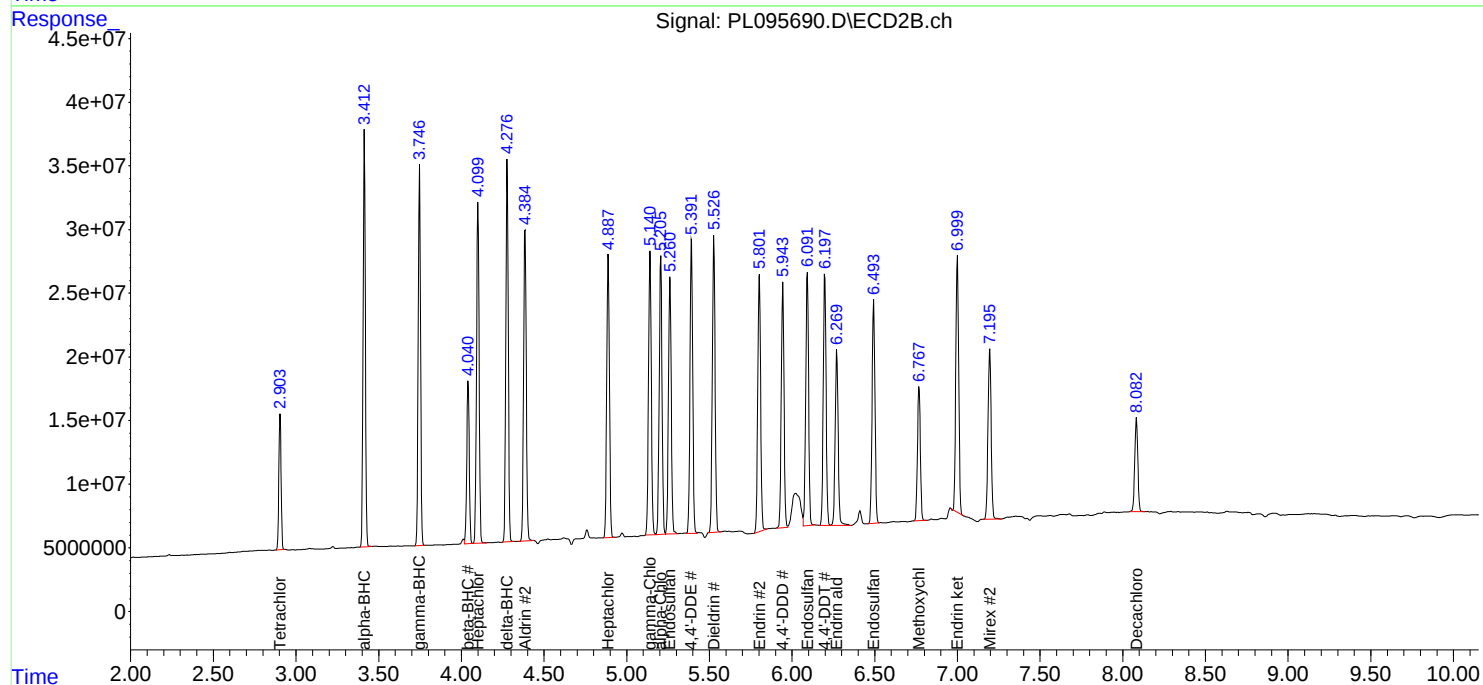
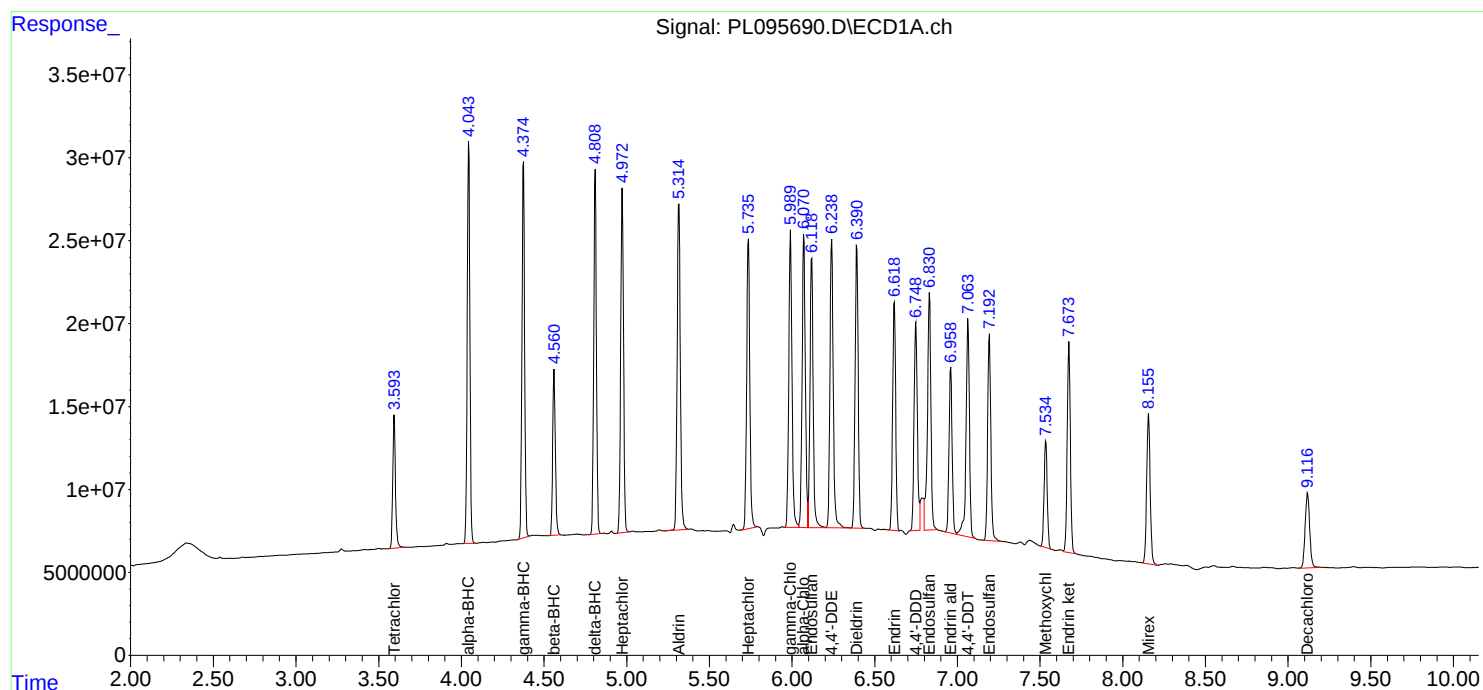
APPROVED

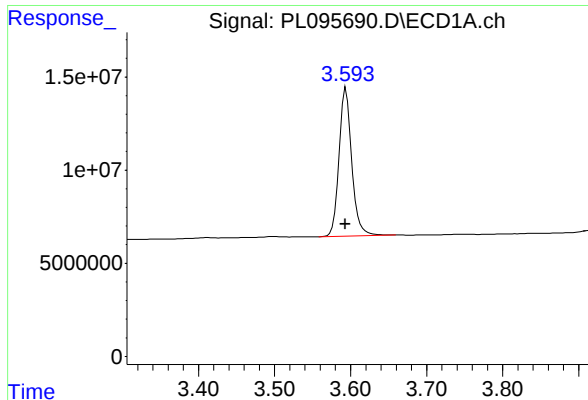
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 04:03:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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





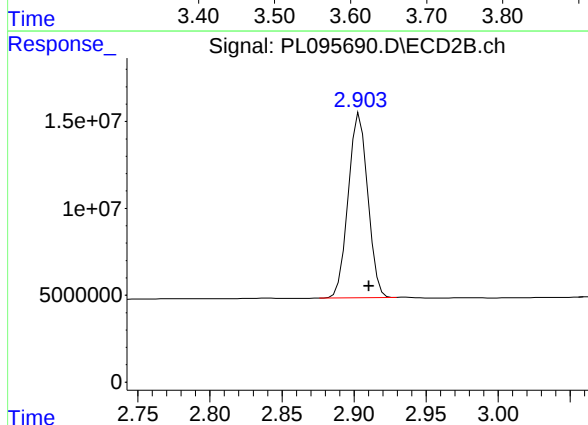
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 91717740
Conc: 22.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

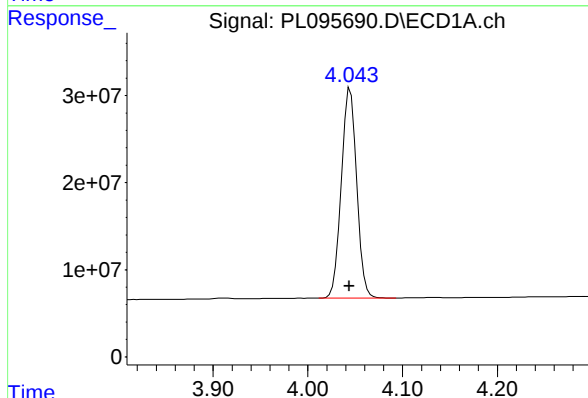
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



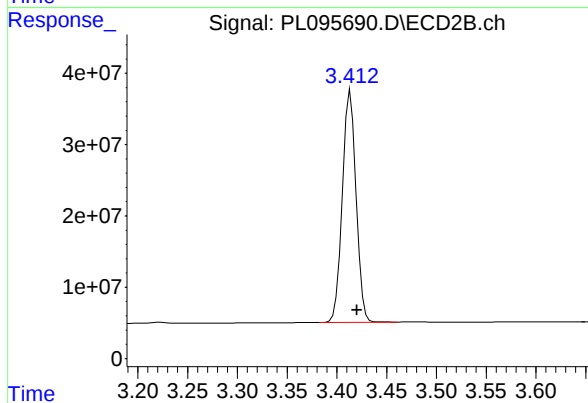
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.006 min
Response: 99922942
Conc: 21.33 ng/ml



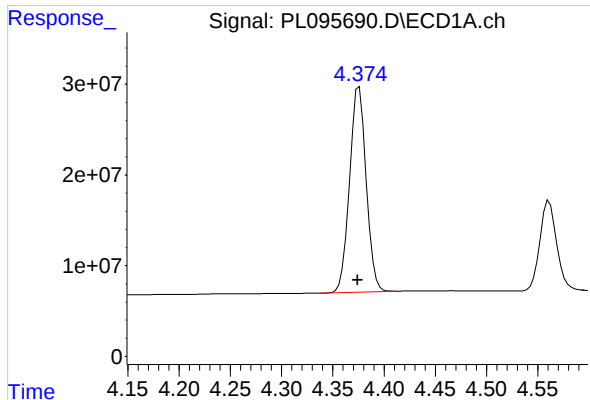
#2 alpha-BHC

R.T.: 4.045 min
Delta R.T.: 0.001 min
Response: 270488828
Conc: 46.23 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.006 min
Response: 312322169
Conc: 43.67 ng/ml



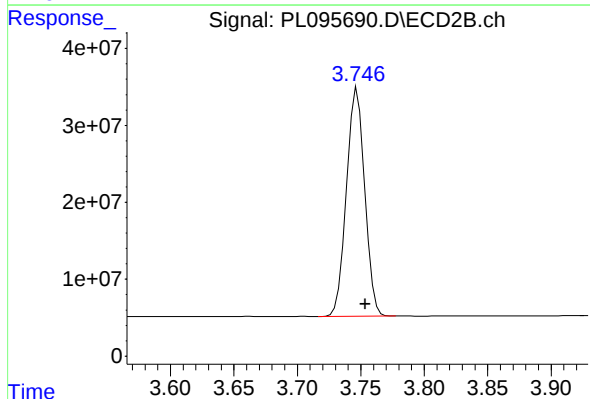
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.001 min
Response: 254927094
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

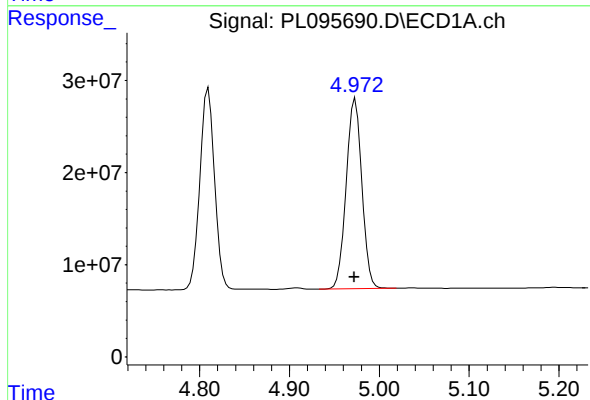
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



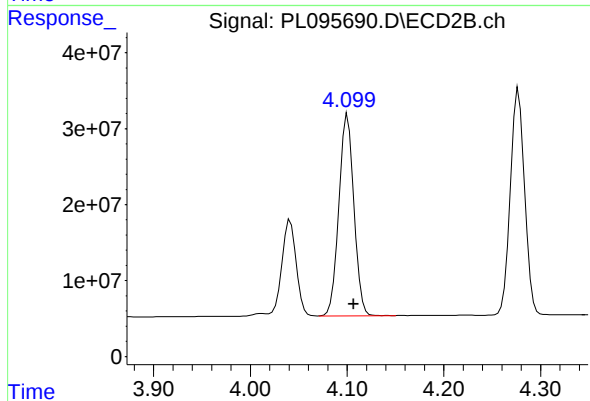
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.006 min
Response: 296406880
Conc: 43.90 ng/ml



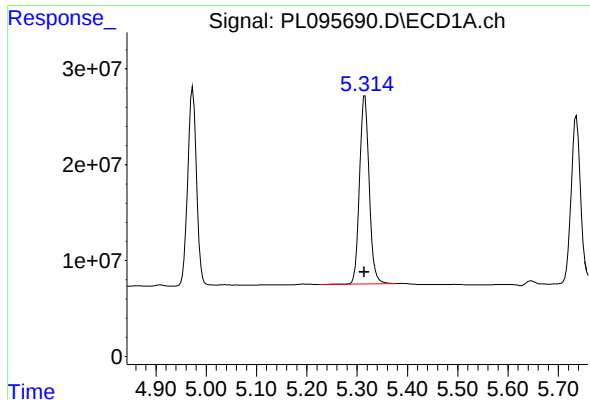
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 249607952
Conc: 45.83 ng/ml



#4 Heptachlor

R.T.: 4.101 min
Delta R.T.: -0.006 min
Response: 286691136
Conc: 43.95 ng/ml



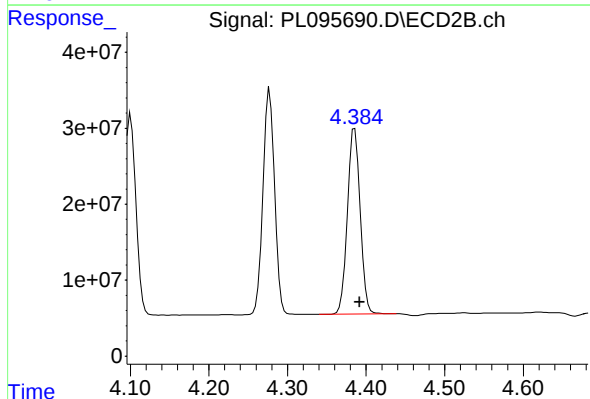
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: 0.001 min
Response: 261209409
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

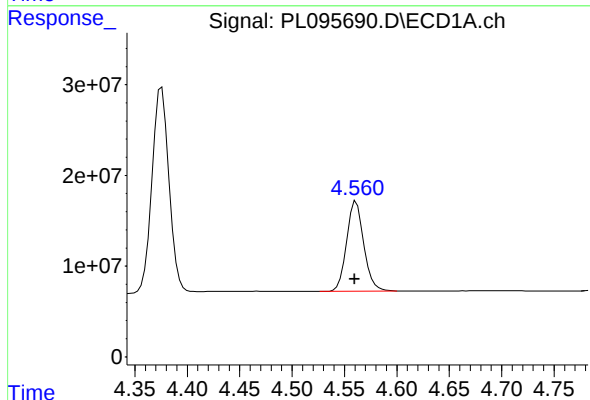
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



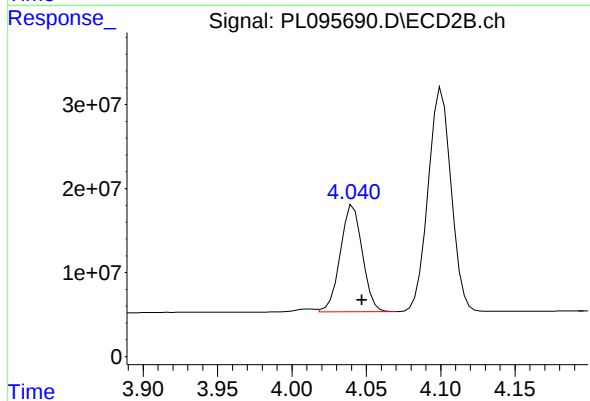
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: -0.006 min
Response: 275746775
Conc: 43.23 ng/ml



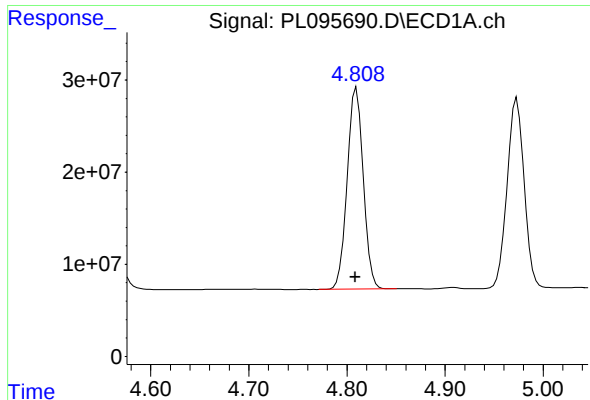
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: 0.001 min
Response: 113567282
Conc: 46.37 ng/ml



#6 beta-BHC

R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 130908967
Conc: 43.39 ng/ml



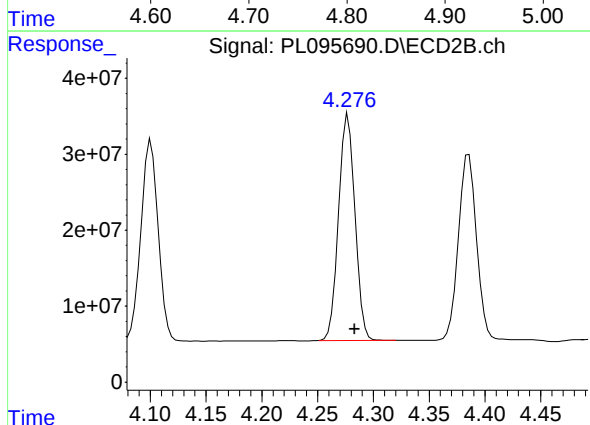
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: 0.001 min
Response: 248943437
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

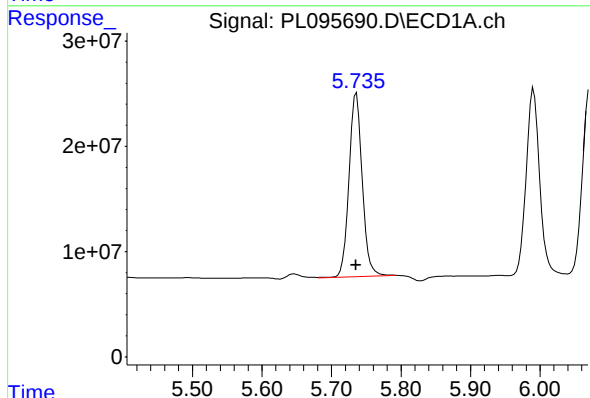
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



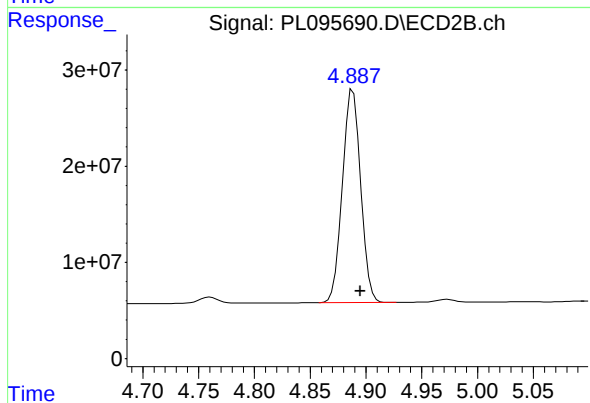
#7 delta-BHC

R.T.: 4.277 min
Delta R.T.: -0.006 min
Response: 304538697
Conc: 44.74 ng/ml



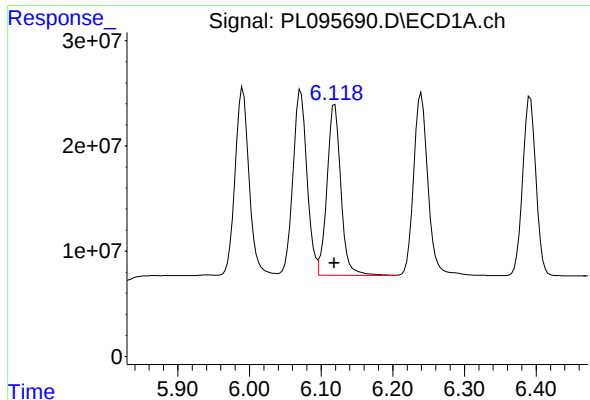
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 229404849
Conc: 44.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 252305980
Conc: 43.66 ng/ml



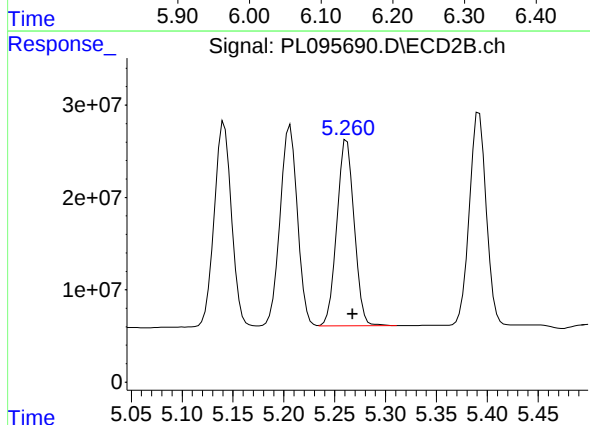
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 219179880
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

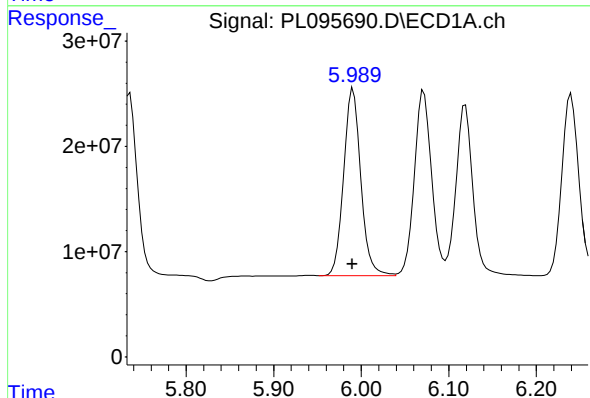
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



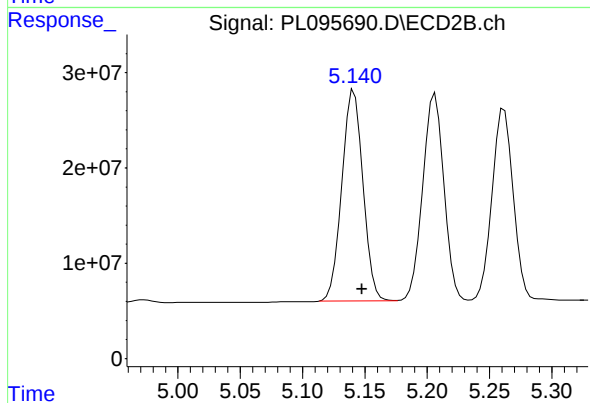
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: -0.006 min
Response: 238832652
Conc: 46.18 ng/ml



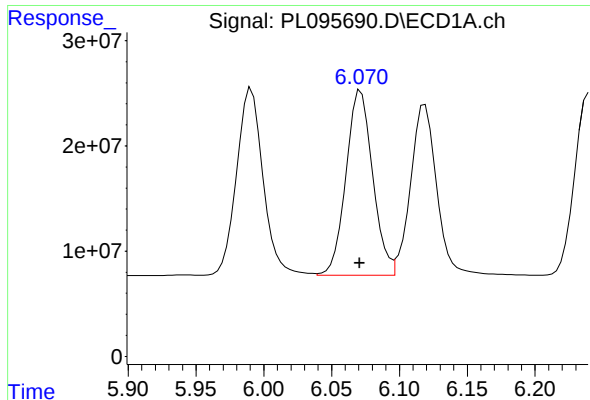
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: 0.001 min
Response: 241954332
Conc: 45.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.006 min
Response: 261240866
Conc: 43.86 ng/ml



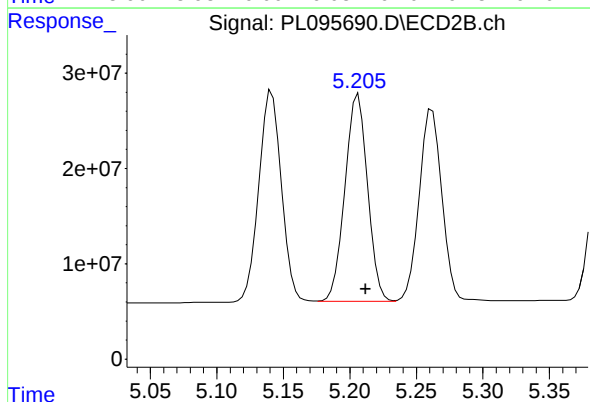
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 240857656
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

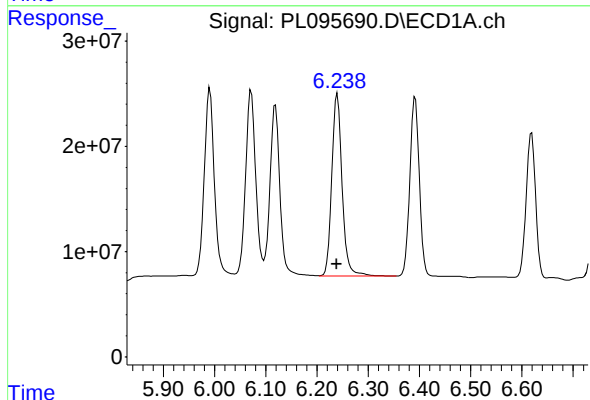
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



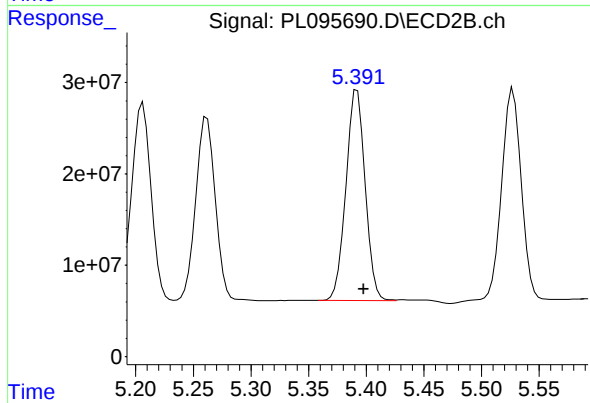
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: -0.005 min
Response: 257376291
Conc: 43.61 ng/ml



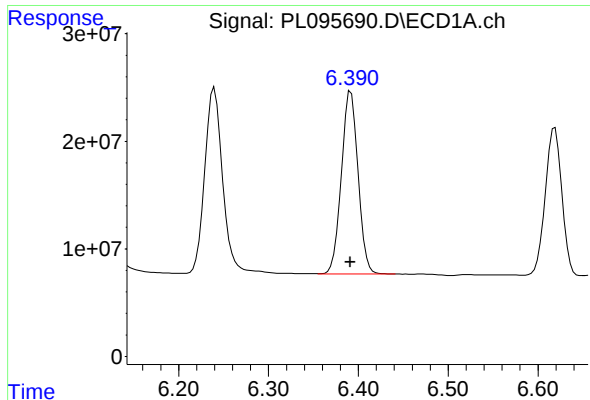
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 242588777
Conc: 47.39 ng/ml



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.007 min
Response: 266265712
Conc: 44.62 ng/ml m



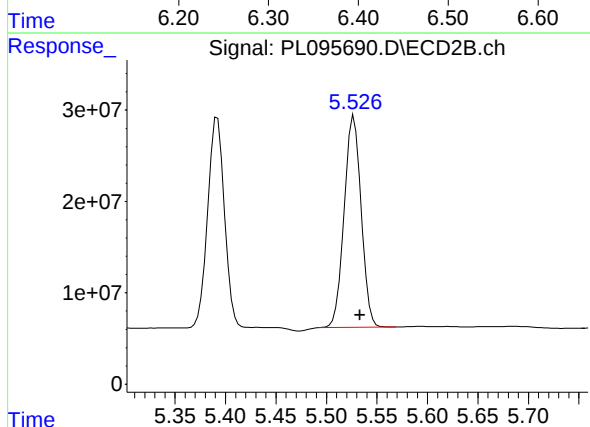
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 218608527
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

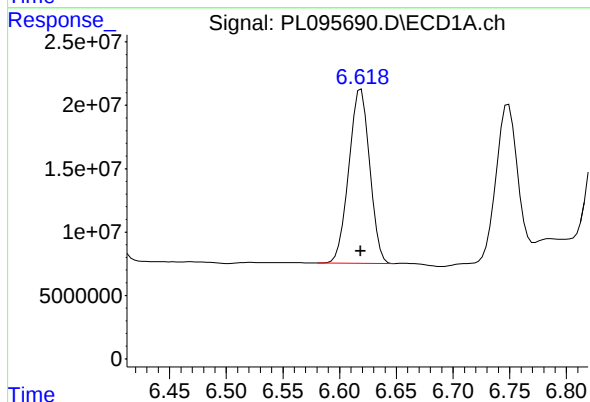
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



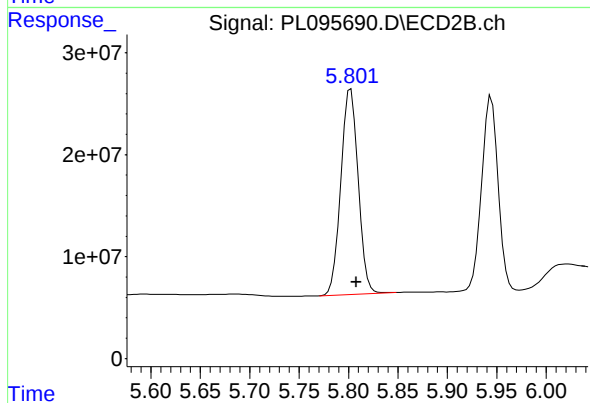
#13 Dieldrin

R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 272031378
Conc: 44.21 ng/ml



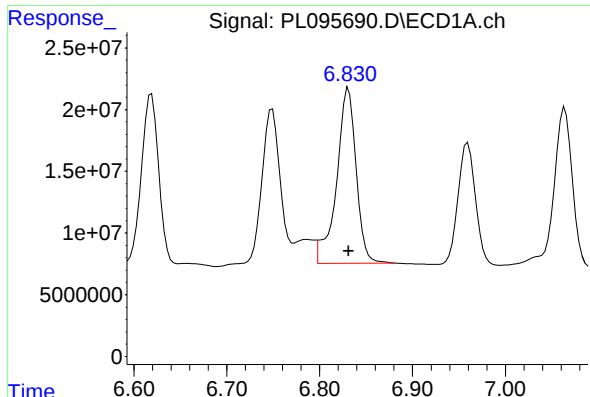
#14 Endrin

R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 175636304
Conc: 45.85 ng/ml



#14 Endrin

R.T.: 5.802 min
Delta R.T.: -0.005 min
Response: 245326342
Conc: 46.05 ng/ml



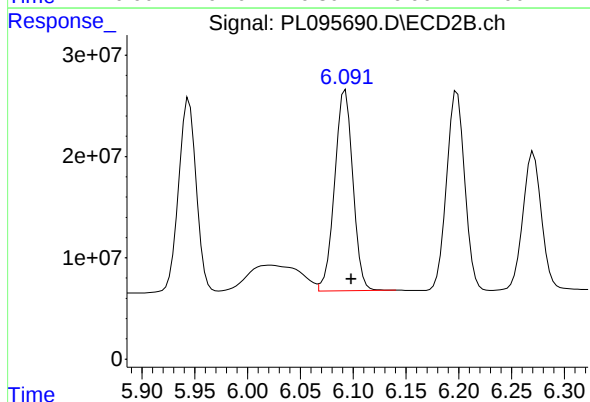
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 208398008
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

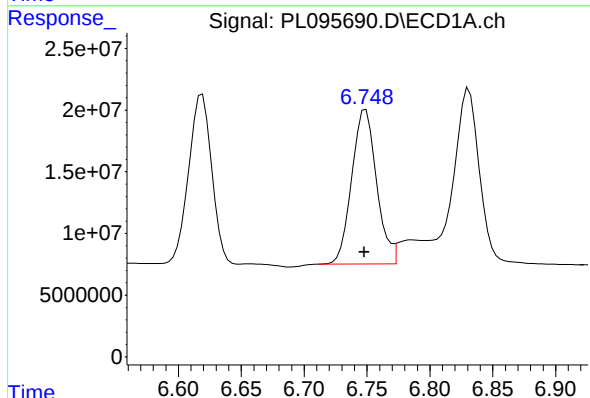
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



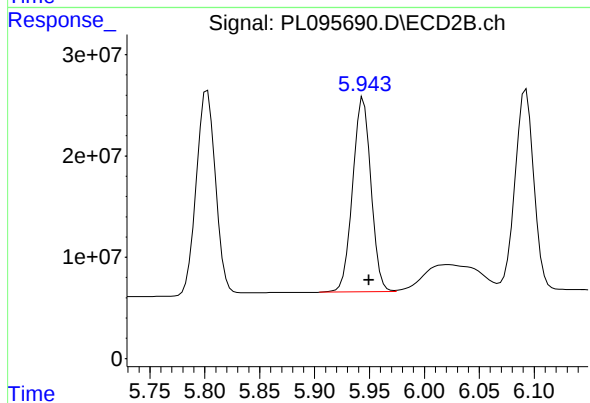
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: -0.006 min
Response: 238128887
Conc: 43.48 ng/ml



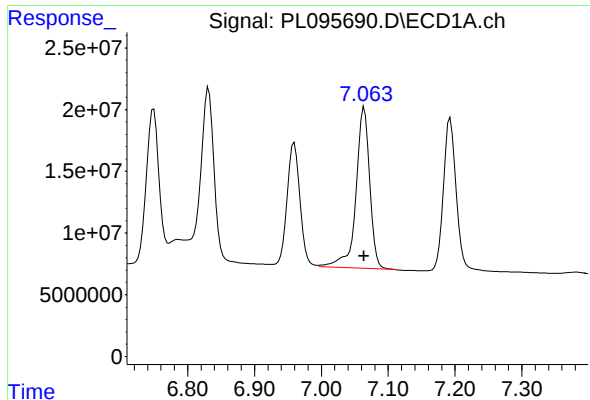
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.001 min
Response: 172092049
Conc: 44.29 ng/ml



#16 4,4'-DDD

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 223206660
Conc: 43.40 ng/ml



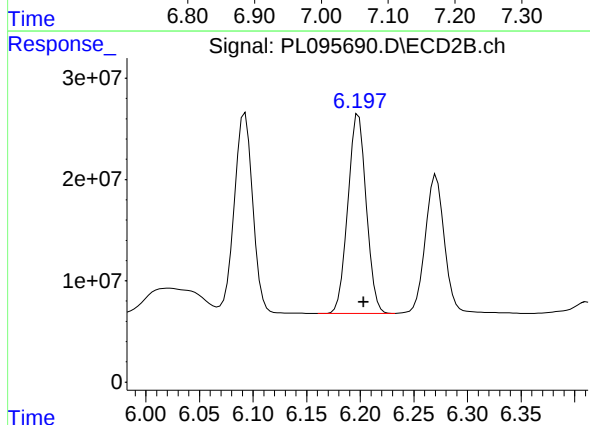
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 185558851
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

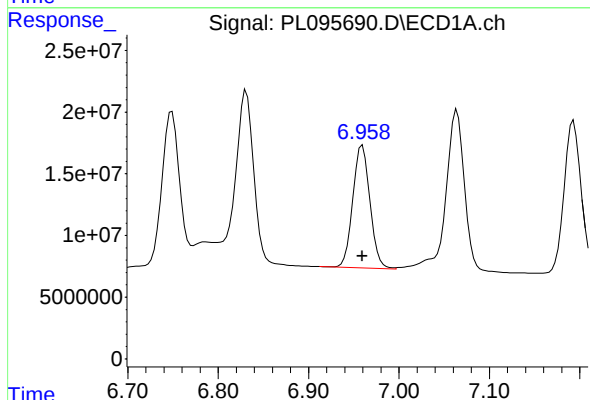
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



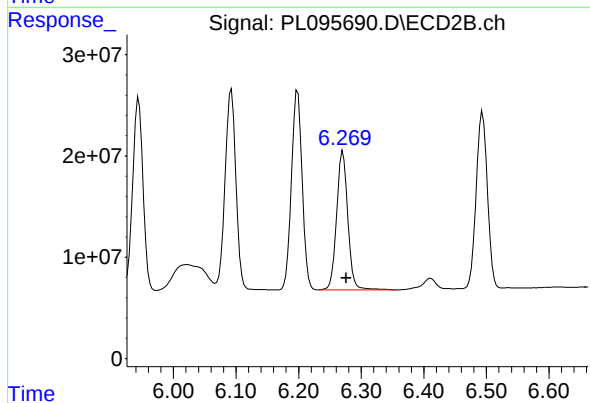
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.005 min
Response: 235030144
Conc: 46.83 ng/ml



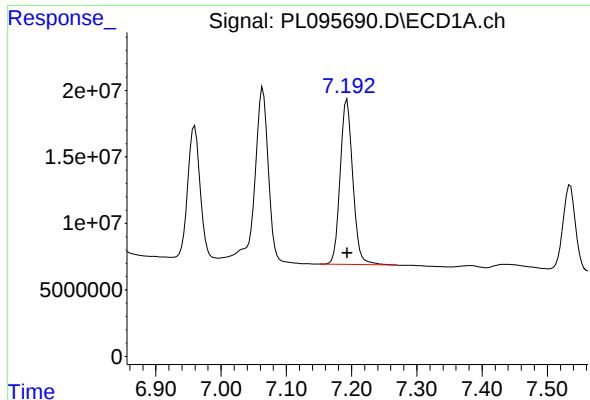
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 131438601
Conc: 44.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 171488219
Conc: 44.79 ng/ml



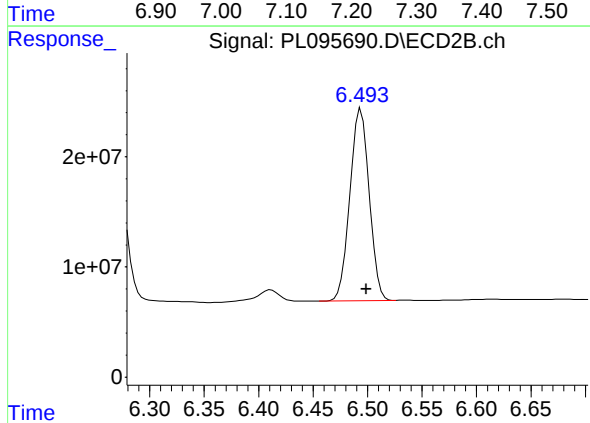
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 166705479
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

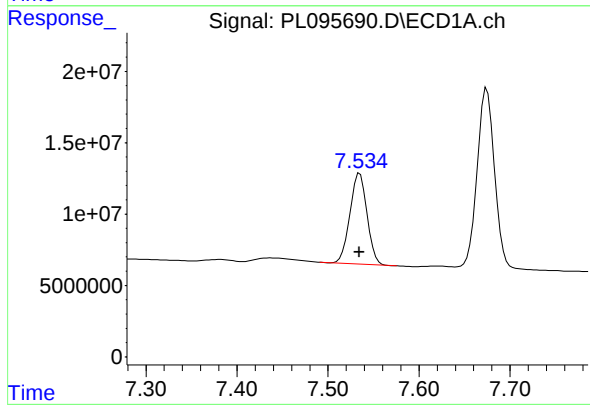
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



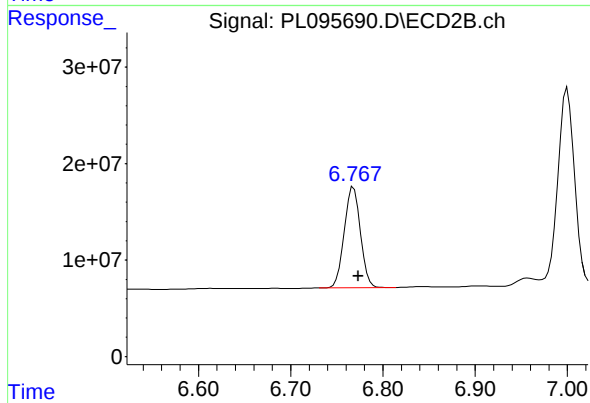
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 214862744
Conc: 43.22 ng/ml



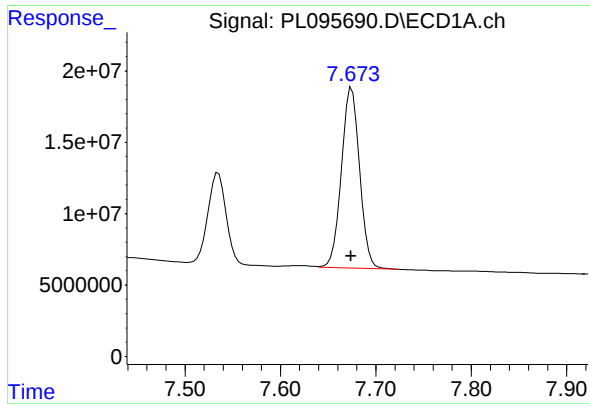
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 83193899
Conc: 49.34 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 126707646
Conc: 46.83 ng/ml



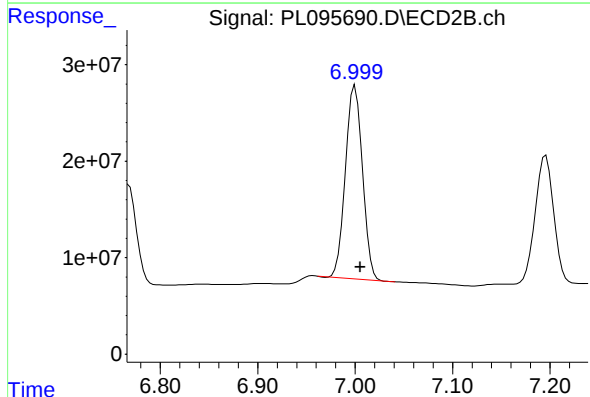
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 167467612
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

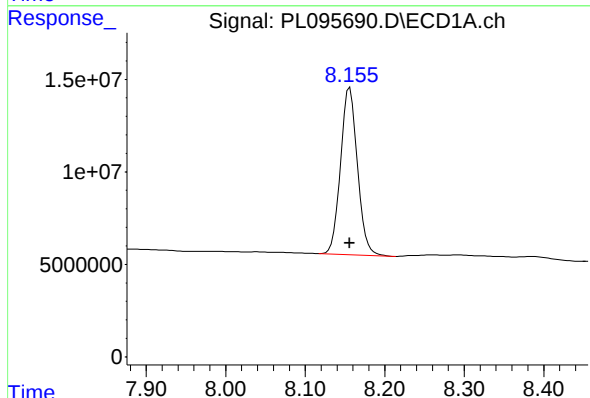
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



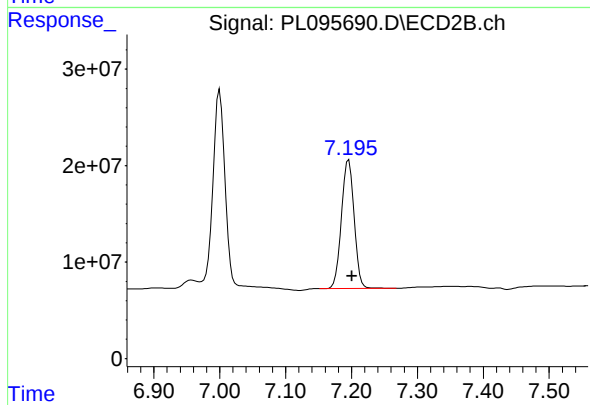
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 242785080
Conc: 41.31 ng/ml



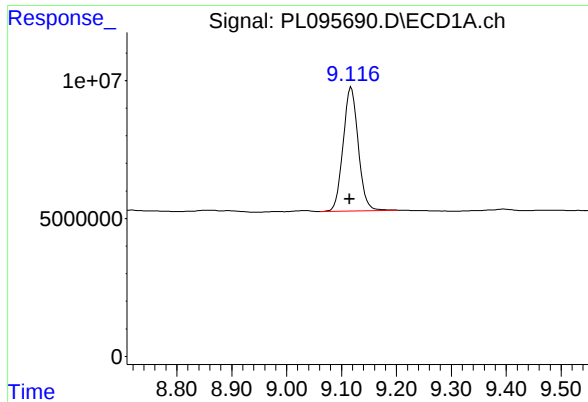
#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 133491505
Conc: 43.84 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.005 min
Response: 177925364
Conc: 41.27 ng/ml



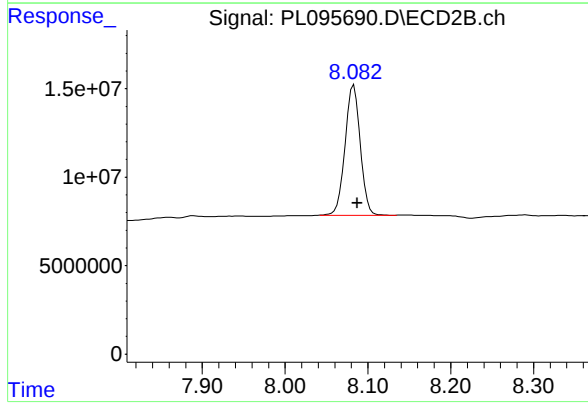
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.002 min
Response: 85861487
Conc: 25.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168016BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.004 min
Response: 93892063
Conc: 22.76 ng/ml