

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
 Data File : PL095849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 14:59
 Operator : AR\AJ
 Sample : Q2150-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-51MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2025
 Supervised By : mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:53:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.886	46026539	56802519	14.587m	14.513
28)	SA Decachlor...	9.104	8.063	19956949	35065244	8.469	8.016
Target Compounds							
2)	A alpha-BHC	4.024	3.396	240.3E6	300.1E6	49.576	51.241
3)	MA gamma-BHC...	4.356	3.729	220.6E6	285.8E6	49.328	51.023
4)	MA Heptachlor	4.955	4.082	172.3E6	269.3E6	45.525	48.005
5)	MB Aldrin	5.298	4.367	206.9E6	267.5E6	48.364	50.405
6)	B beta-BHC	4.544	4.025	93065263	117.8E6	47.209	47.528
7)	B delta-BHC	4.792	4.260	215.9E6	283.1E6	48.699	50.133
8)	B Heptachlo...	5.719	4.869	183.3E6	245.4E6	48.032	49.697
9)	A Endosulfan I	6.102	5.242	171.4E6	229.7E6	46.766	48.197
10)	B gamma-Chl...	5.974	5.121	185.6E6	257.2E6	47.683	48.967
11)	B alpha-Chl...	6.055	5.186	182.8E6	254.6E6	46.307	48.937
12)	B 4,4'-DDE	6.225	5.372	168.0E6	254.8E6	45.802	47.516
13)	MA Dieldrin	6.376	5.507	179.2E6	253.8E6	46.432	47.882
14)	MA Endrin	6.603	5.781	137.6E6	216.3E6	42.653	44.362
15)	B Endosulfa...	6.816	6.072	148.6E6	221.4E6	43.135	46.583
16)	A 4,4'-DDD	6.735	5.925	138.7E6	206.0E6	47.314	46.979
17)	MA 4,4'-DDT	7.051	6.178	103.5E6	190.8E6	38.265	39.897
18)	B Endrin al...	6.945	6.250	111.1E6	164.6E6	45.934	47.657
19)	B Endosulfa...	7.179	6.474	127.4E6	202.0E6	42.666	44.937
20)	A Methoxychlor	7.524	6.749	49499322	100.1E6	38.813	38.257
21)	B Endrin ke...	7.660	6.979	141.9E6	239.8E6	44.813	46.347
22)	Mirex	8.143	7.173	100.9E6	174.0E6	43.630	42.846

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
Data File : PL095849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 14:59
Operator : AR\AJ
Sample : Q2150-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

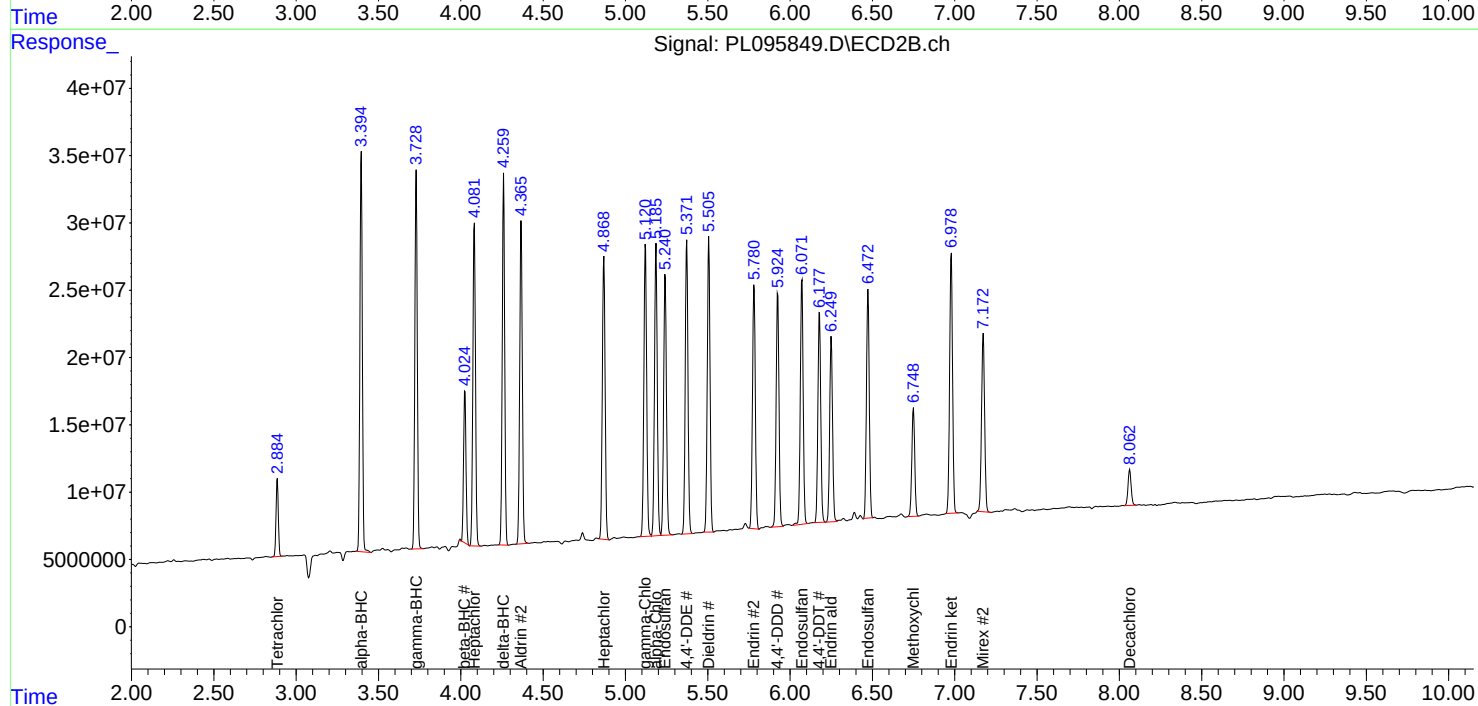
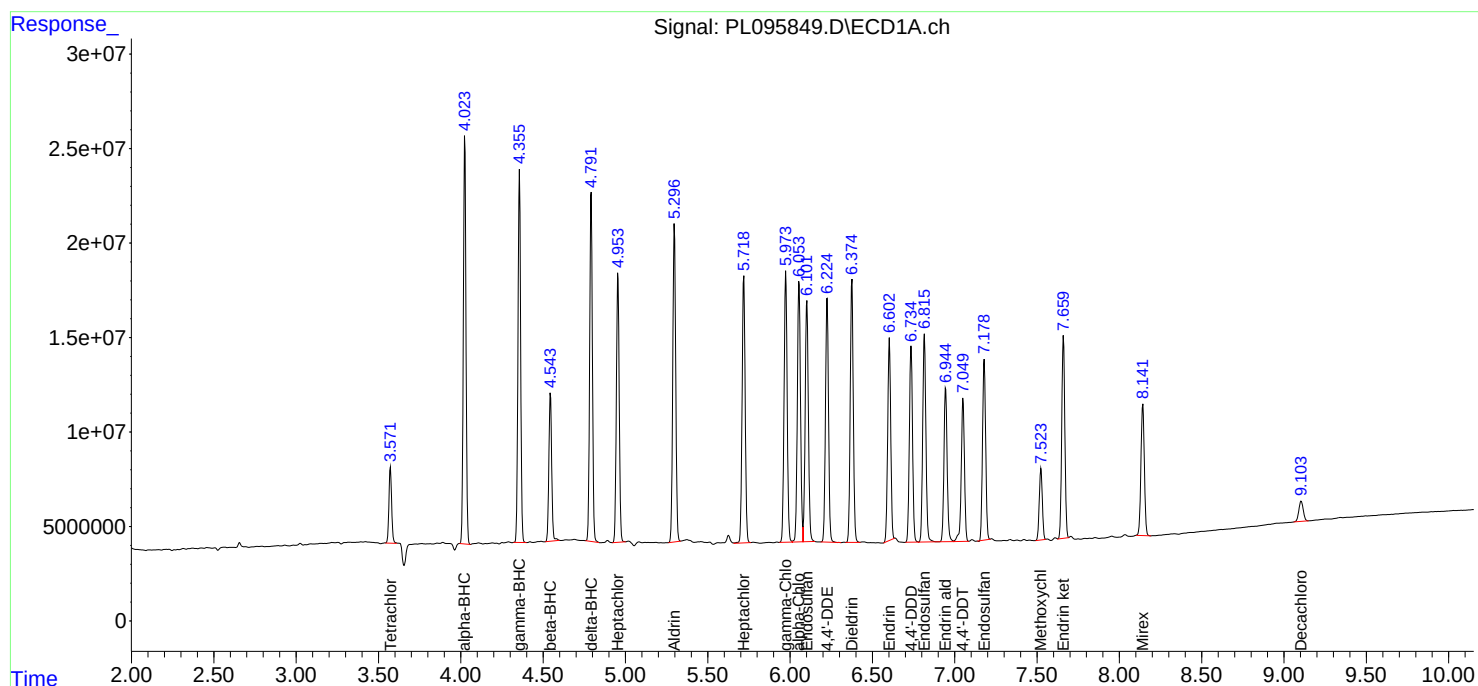
Instrument :
ECD_L
ClientSampleId :
TP-51MS

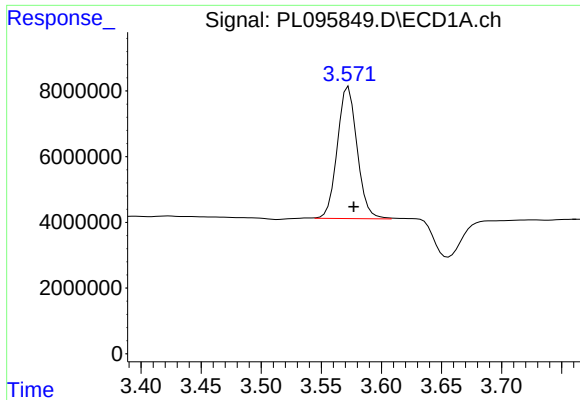
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:53:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





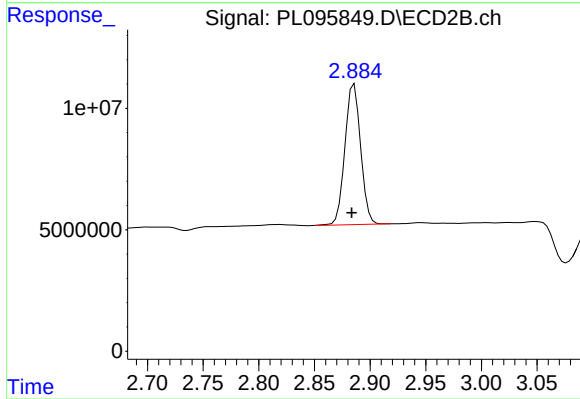
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 46026539
Conc: 14.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

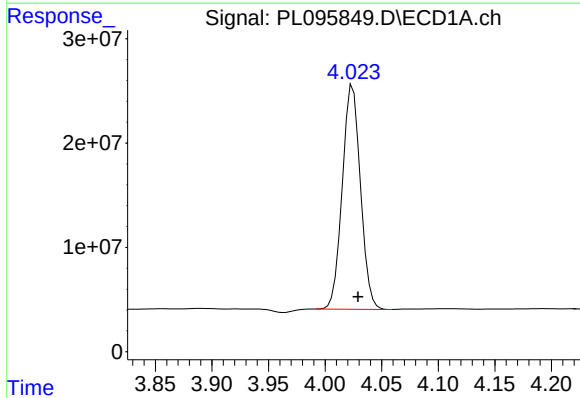
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



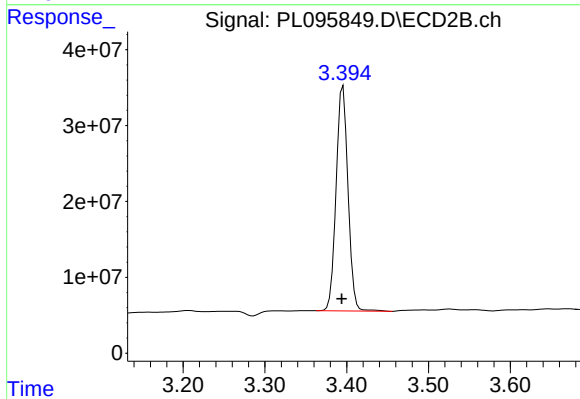
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 56802519
Conc: 14.51 ng/ml



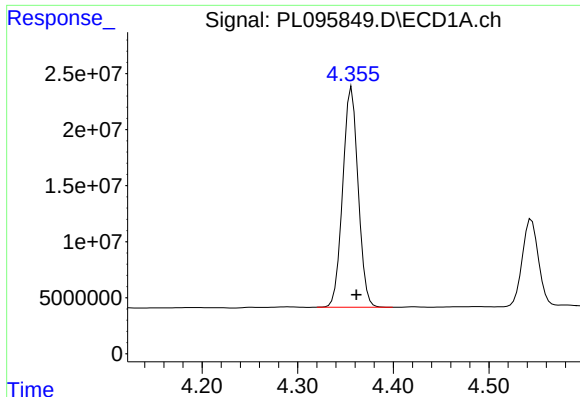
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 240341574
Conc: 49.58 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 300136282
Conc: 51.24 ng/ml



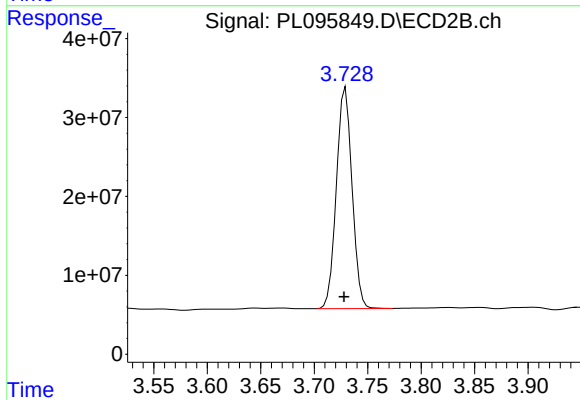
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 220588873
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

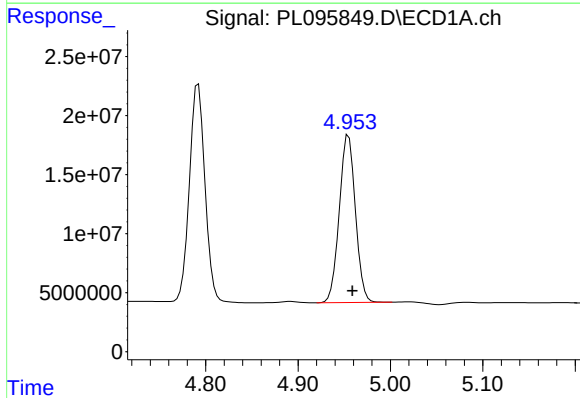
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



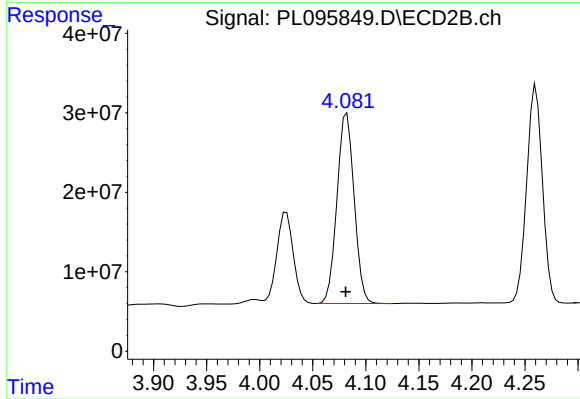
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.001 min
Response: 285792403
Conc: 51.02 ng/ml



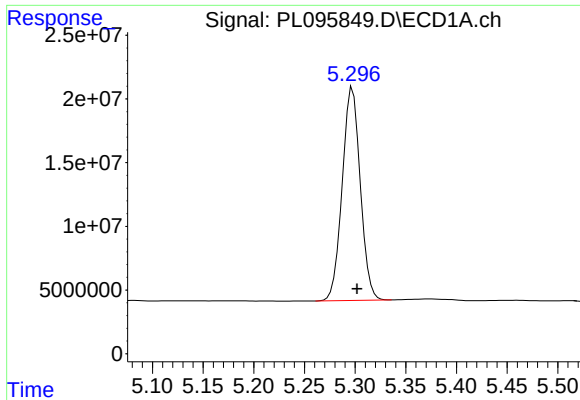
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 172312587
Conc: 45.52 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 269261757
Conc: 48.00 ng/ml



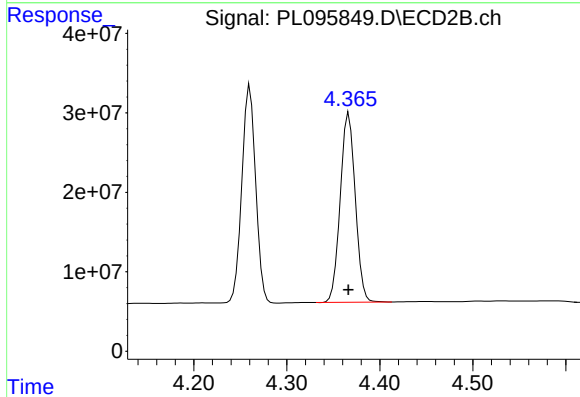
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: -0.004 min
Response: 206886210
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

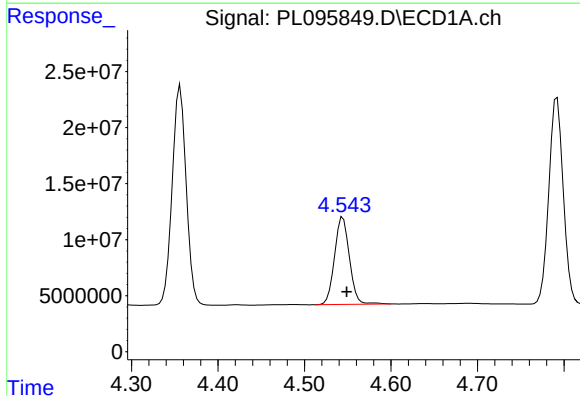
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



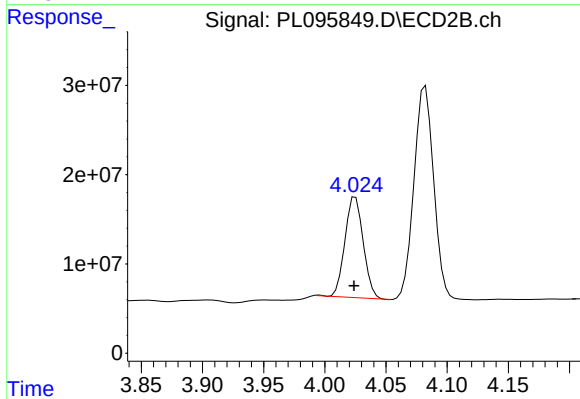
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 267504085
Conc: 50.40 ng/ml



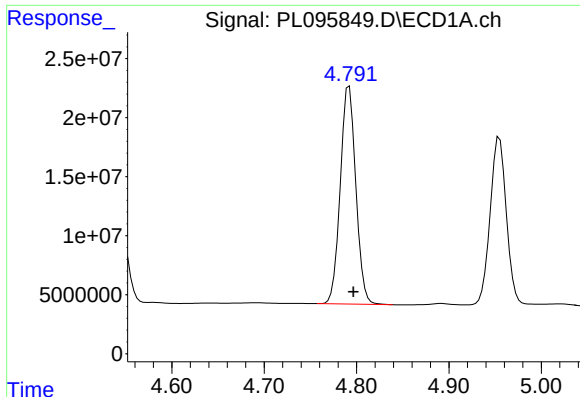
#6 beta-BHC

R.T.: 4.544 min
Delta R.T.: -0.004 min
Response: 93065263
Conc: 47.21 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 117752815
Conc: 47.53 ng/ml



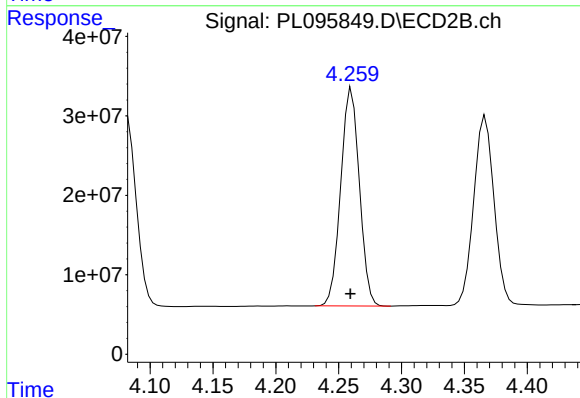
#7 delta-BHC

R.T.: 4.792 min
Delta R.T.: -0.005 min
Response: 215913859
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

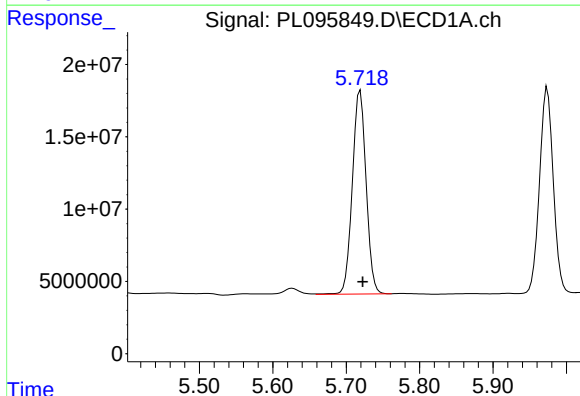
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



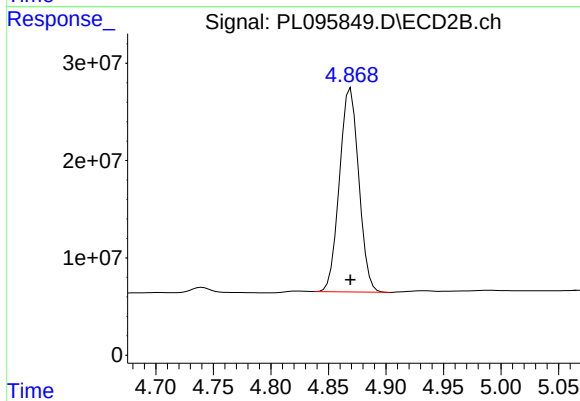
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 283118346
Conc: 50.13 ng/ml



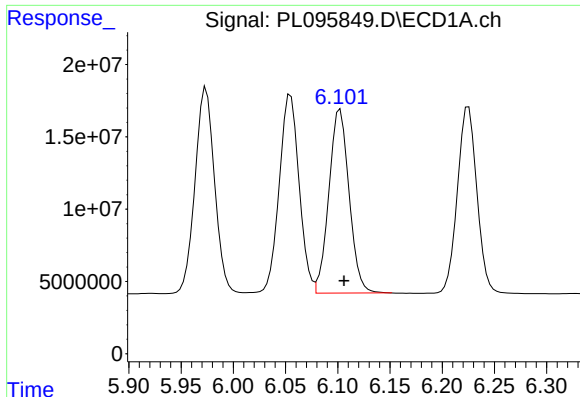
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 183329928
Conc: 48.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 245376530
Conc: 49.70 ng/ml



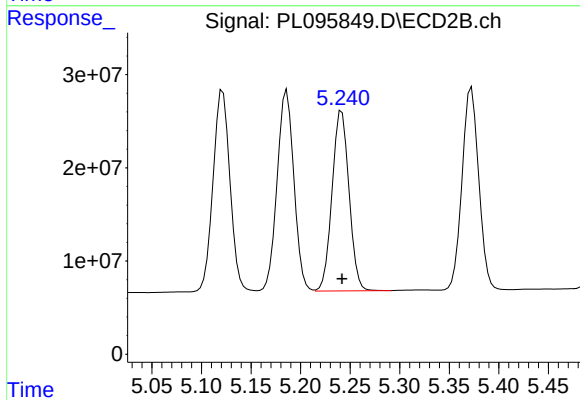
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 171389259
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

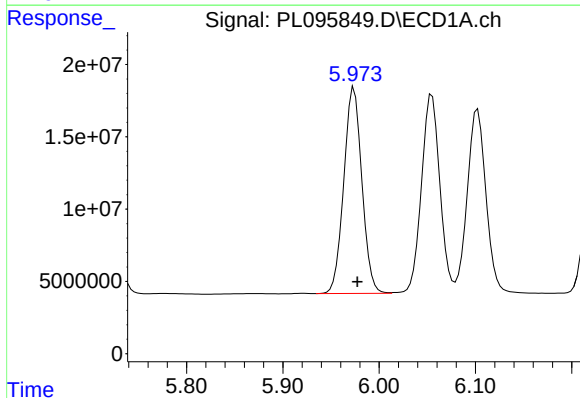
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



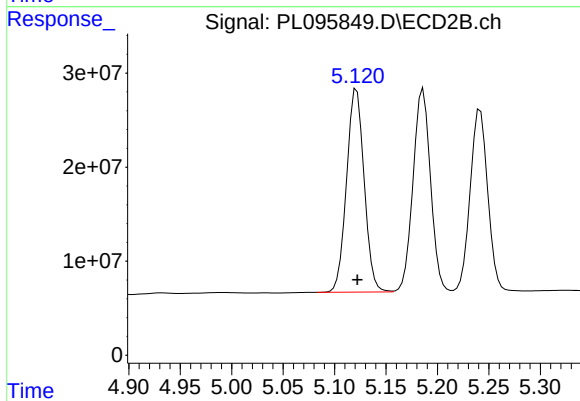
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 229655511
Conc: 48.20 ng/ml



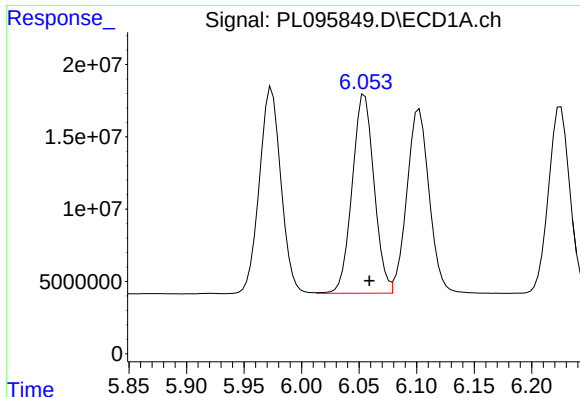
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 185586442
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 257208403
Conc: 48.97 ng/ml



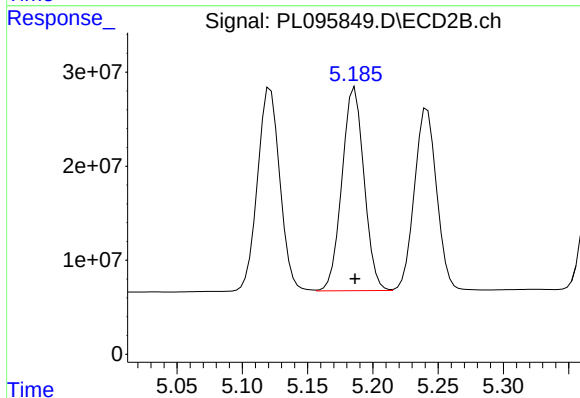
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: -0.004 min
Response: 182829213
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

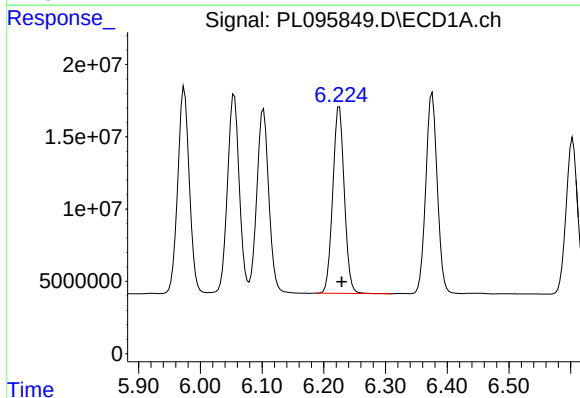
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



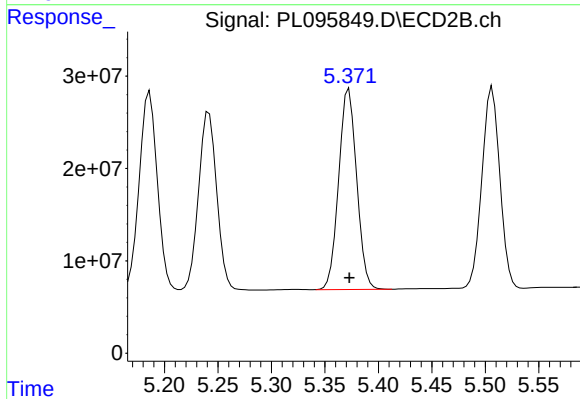
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 254609969
Conc: 48.94 ng/ml



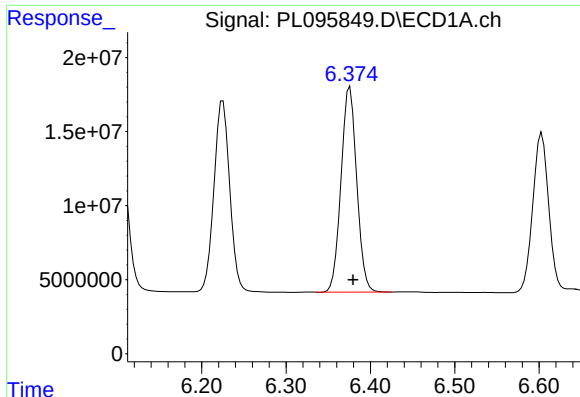
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: -0.004 min
Response: 167995734
Conc: 45.80 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 254788481
Conc: 47.52 ng/ml



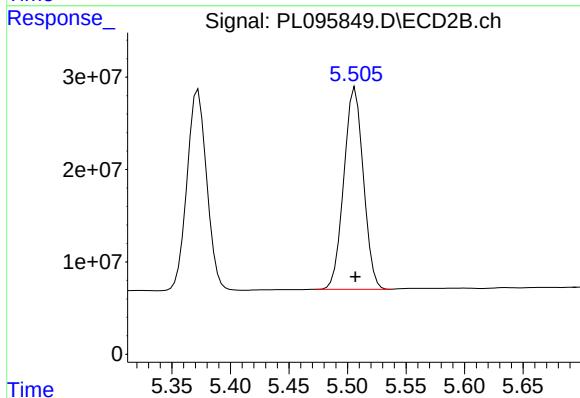
#13 Dieldrin

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 179189084
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

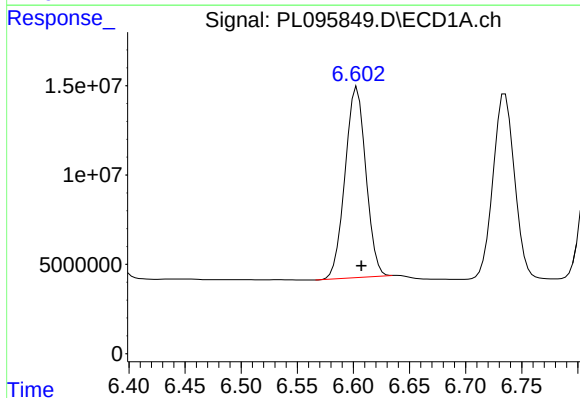
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



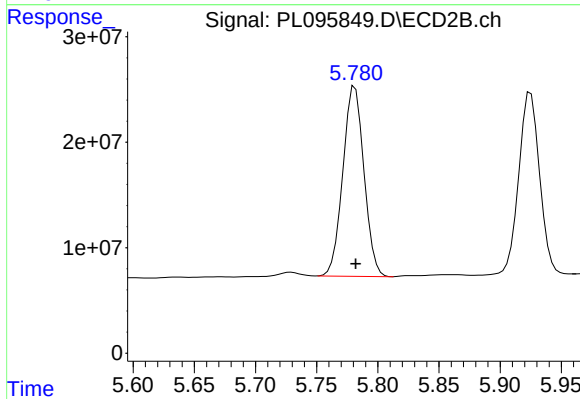
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 253779430
Conc: 47.88 ng/ml



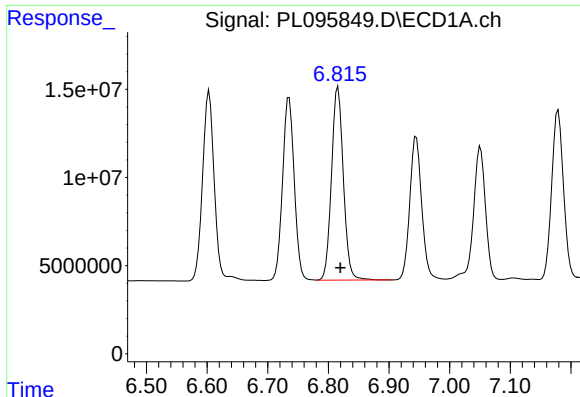
#14 Endrin

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 137629271
Conc: 42.65 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 216313263
Conc: 44.36 ng/ml



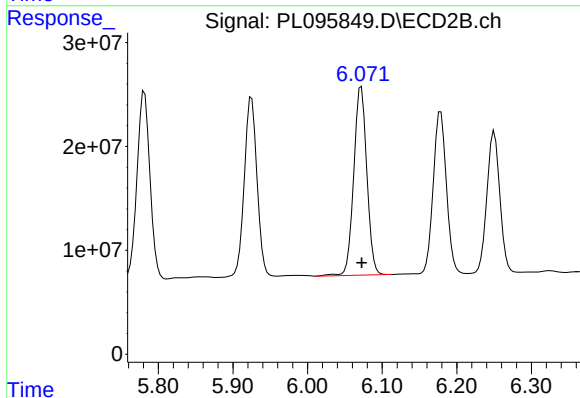
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: -0.004 min
Response: 148644554
Conc: 43.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

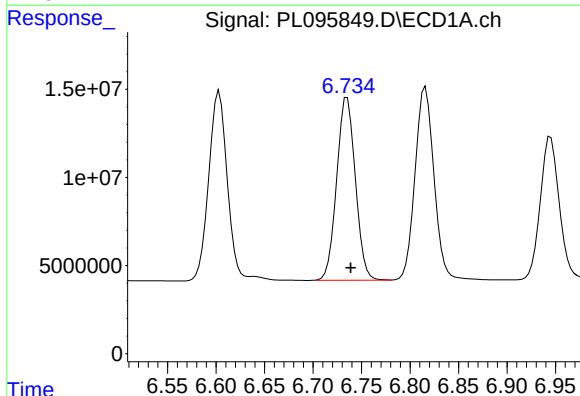
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



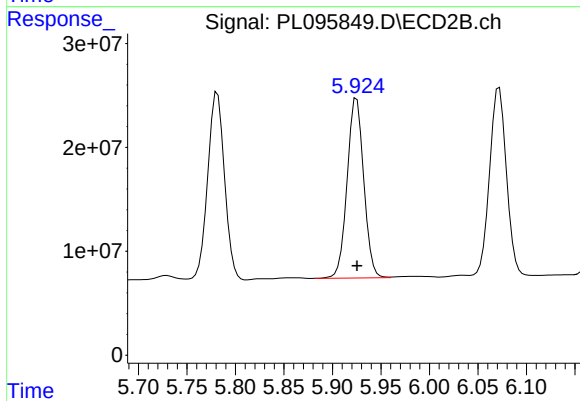
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 221354473
Conc: 46.58 ng/ml



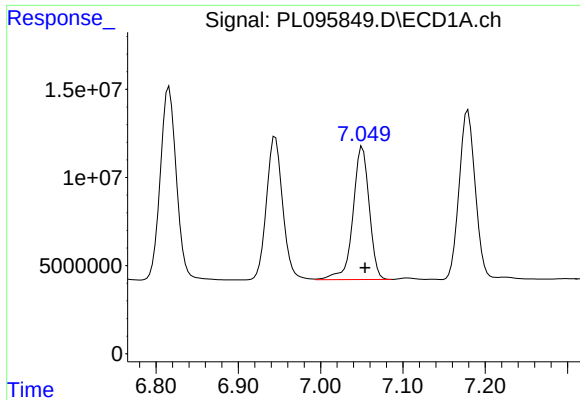
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 138657422
Conc: 47.31 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 205998576
Conc: 46.98 ng/ml



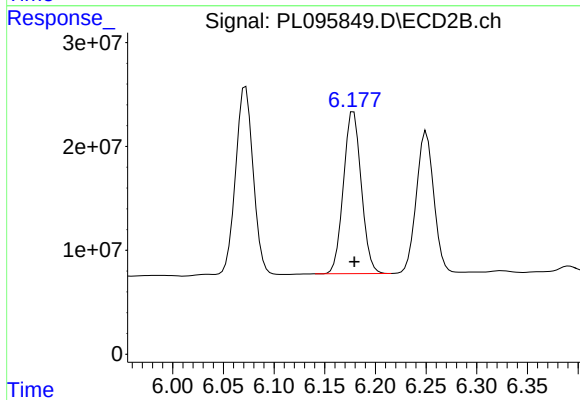
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 103513388
Conc: 38.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

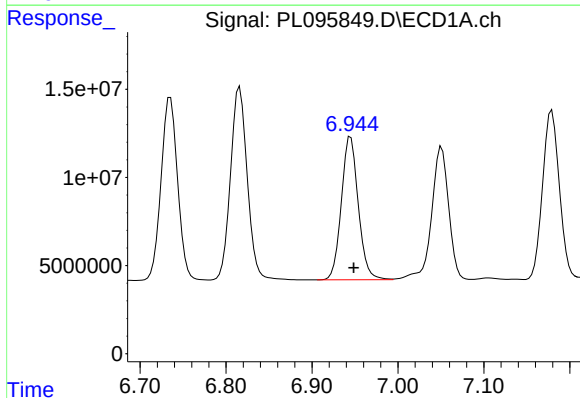
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



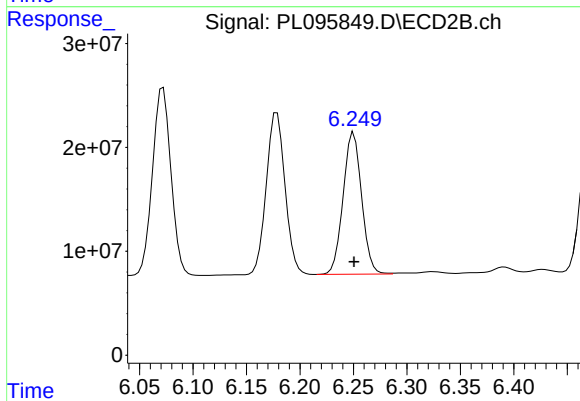
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 190810223
Conc: 39.90 ng/ml



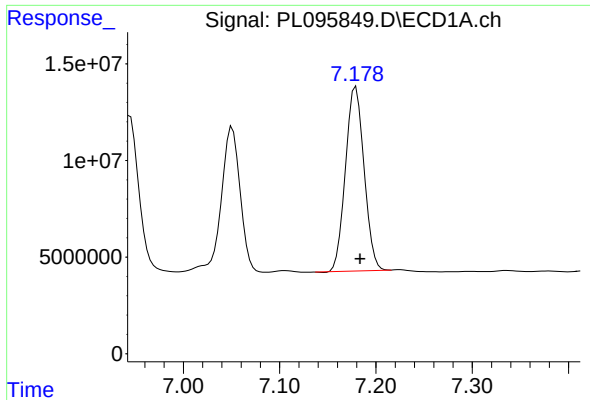
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 111051454
Conc: 45.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 164621422
Conc: 47.66 ng/ml



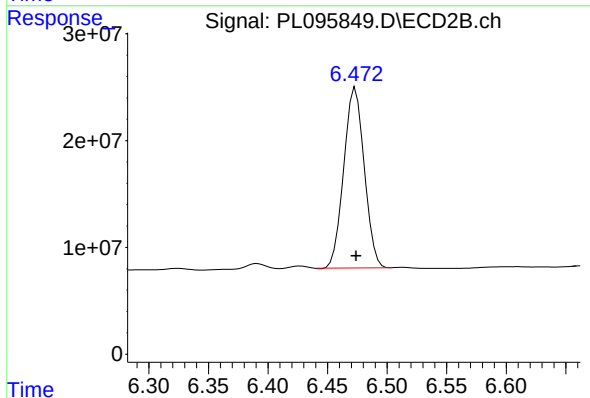
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: -0.004 min
Response: 127439009
Conc: 42.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

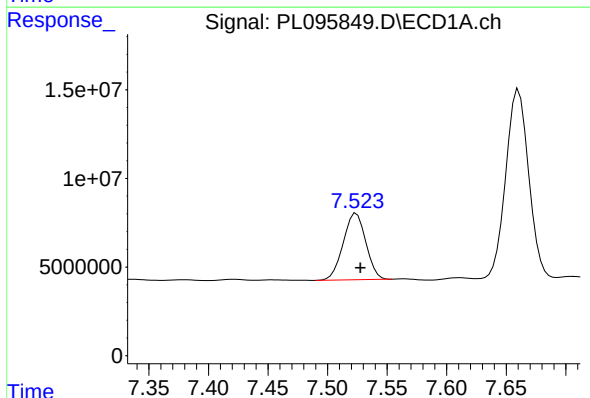
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



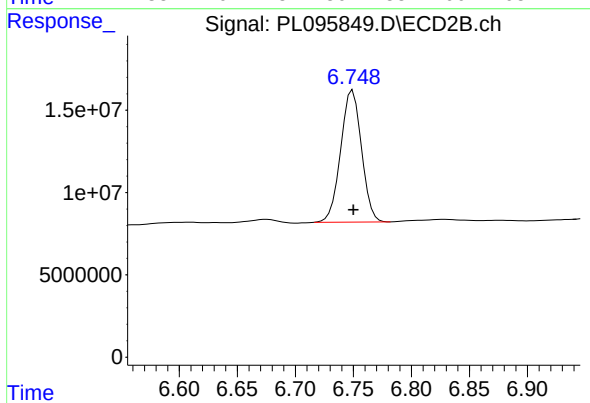
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 201978791
Conc: 44.94 ng/ml



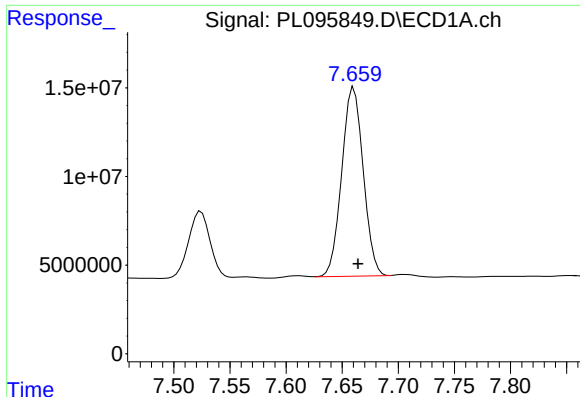
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 49499322
Conc: 38.81 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 100085538
Conc: 38.26 ng/ml



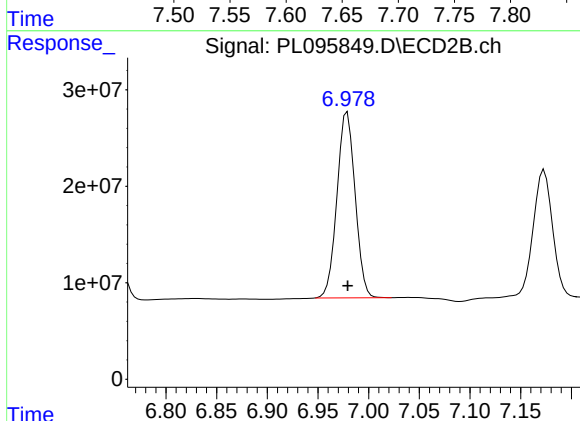
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 141919855
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

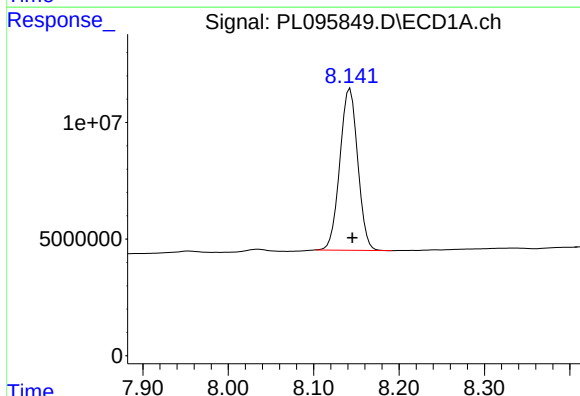
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



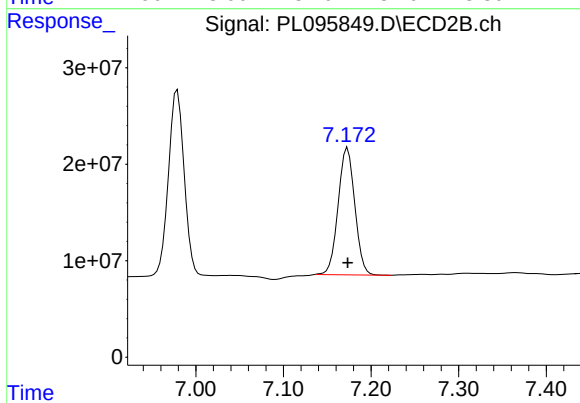
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 239795151
Conc: 46.35 ng/ml



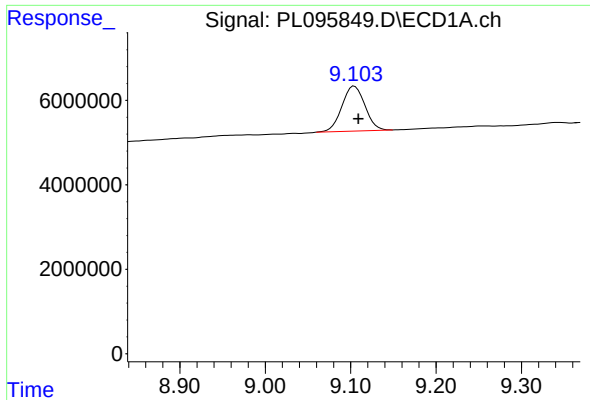
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 100949457
Conc: 43.63 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 173975493
Conc: 42.85 ng/ml



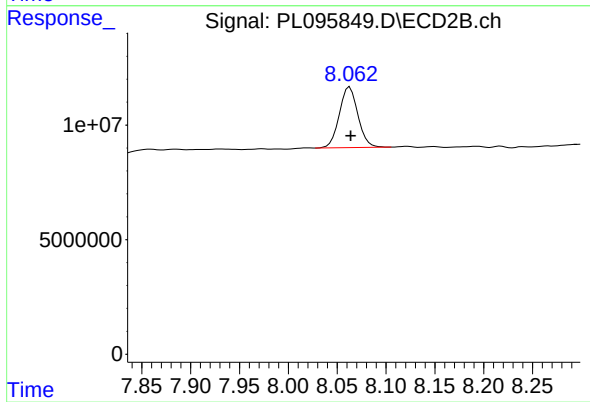
#28 Decachlorobiphenyl

R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 19956949
Conc: 8.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 35065244
Conc: 8.02 ng/ml