

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 15:22
 Operator : AR\AJ
 Sample : PB167576BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167576BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/16/2025
 Supervised By : mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:24:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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	2.769	50676406	60561870	18.473	16.275
28)	SA Decachlor...	9.060	7.904	45764318	70768051	19.007	16.087
Target Compounds							
2)	A alpha-BHC	3.995	3.271	205.6E6	272.7E6	51.166	49.245
3)	MA gamma-BHC...	4.327	3.601	197.1E6	259.8E6	51.248	49.362
4)	MA Heptachlor	4.915	3.939	193.5E6	272.7E6	52.789	52.451
5)	MB Aldrin	5.257	4.218	186.7E6	251.2E6	52.908	51.541
6)	B beta-BHC	4.527	3.902	88109437	112.9E6	50.254	48.726
7)	B delta-BHC	4.772	4.129	206.4E6	256.3E6	52.669m	49.573m
8)	B Heptachlo...	5.684	4.721	168.2E6	237.8E6	52.390	52.057
9)	A Endosulfan I	6.070	5.090	162.8E6	219.5E6	52.539	50.576
10)	B gamma-Chl...	5.941	4.970	174.8E6	244.0E6	52.318	50.660
11)	B alpha-Chl...	6.020	5.034	172.7E6	239.4E6	52.018	50.519
12)	B 4,4'-DDE	6.194	5.223	163.2E6	241.7E6	49.925	50.194
13)	MA Dieldrin	6.345	5.354	171.9E6	248.7E6	52.181	51.802
14)	MA Endrin	6.574	5.631	144.3E6	225.4E6	55.379m	53.948
15)	B Endosulfa...	6.797	5.925	143.3E6	217.6E6	50.223	49.563
16)	A 4,4'-DDD	6.712	5.778	123.2E6	192.0E6	48.508	49.351
17)	MA 4,4'-DDT	7.026	6.028	136.3E6	211.6E6	53.548	50.795
18)	B Endrin al...	6.927	6.105	112.2E6	164.6E6	50.992	48.856
19)	B Endosulfa...	7.161	6.328	127.2E6	202.1E6	49.489	48.389
20)	A Methoxychlor	7.503	6.602	68888690	116.5E6	51.431	51.891m
21)	B Endrin ke...	7.646	6.832	139.8E6	234.5E6	48.412	46.512m
22)	Mirex	8.119	7.012	103.1E6	170.8E6	48.467	43.444

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 15:22
Operator : AR\AJ
Sample : PB167576BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

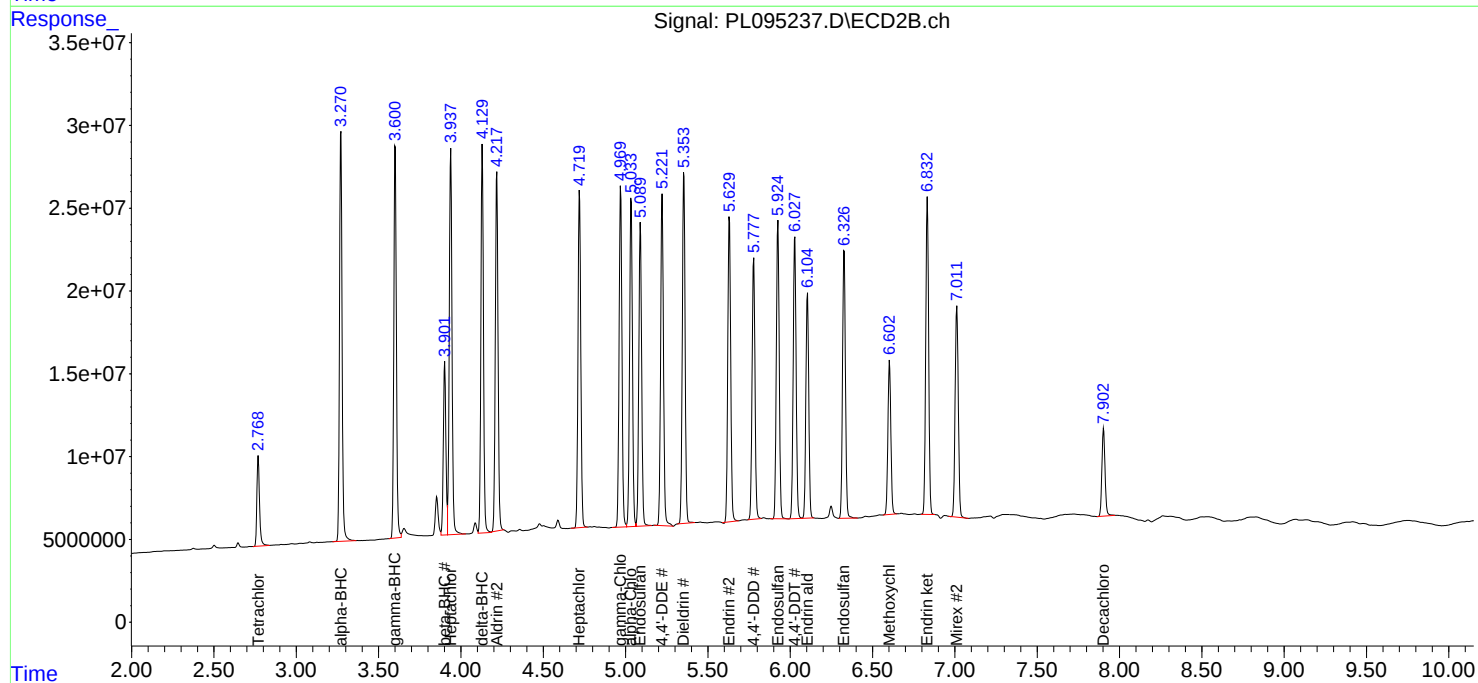
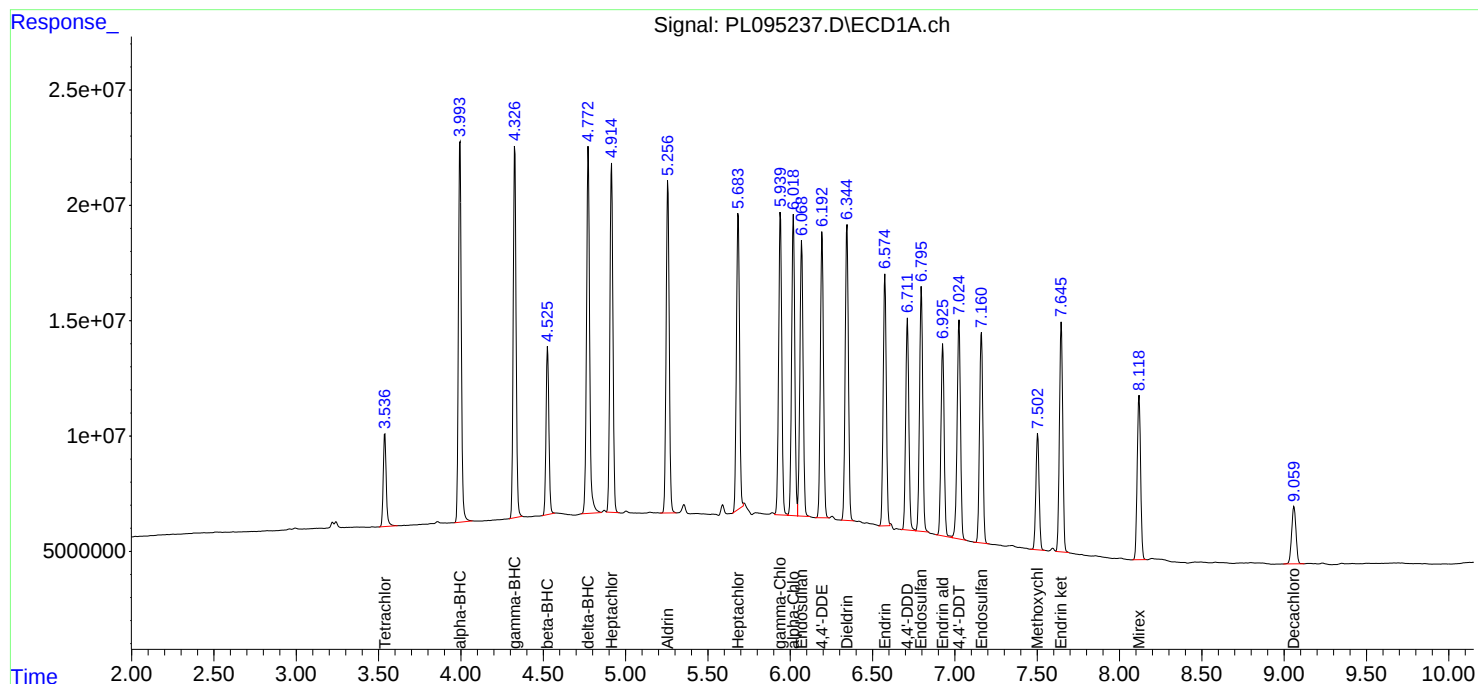
Instrument :
ECD_L
ClientSampleId :
PB167576BS

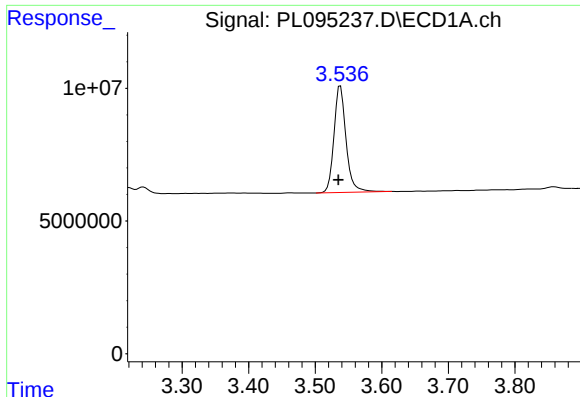
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:24:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





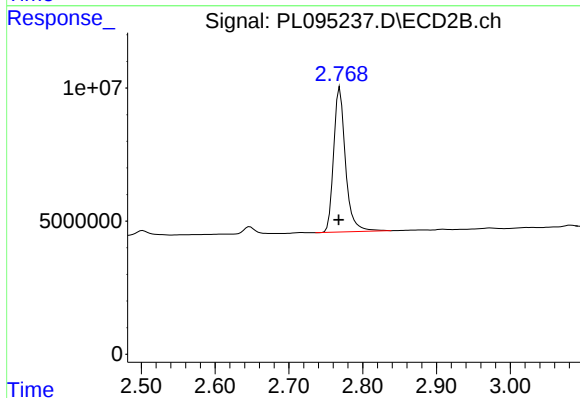
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 50676406
Conc: 18.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

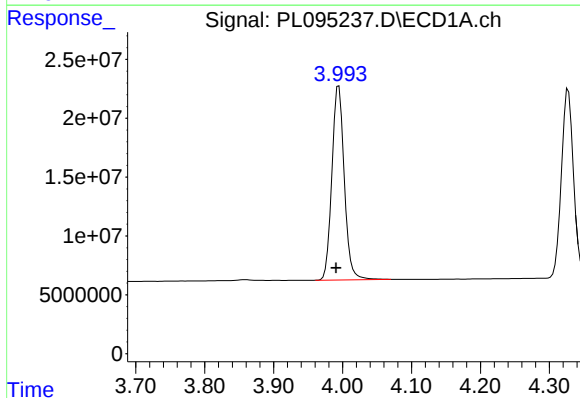
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



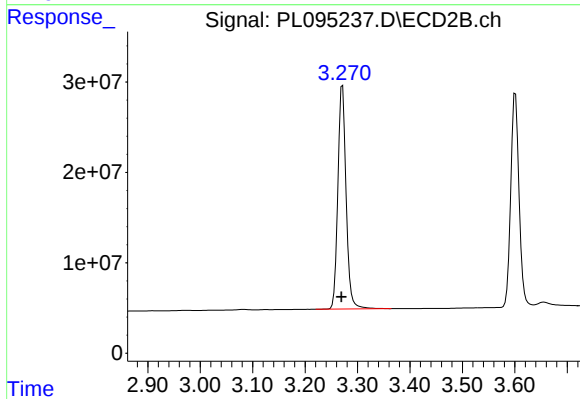
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.002 min
Response: 60561870
Conc: 16.27 ng/ml



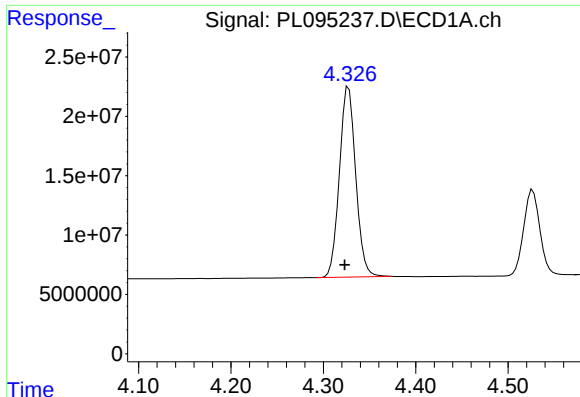
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.004 min
Response: 205641042
Conc: 51.17 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.002 min
Response: 272694769
Conc: 49.25 ng/ml



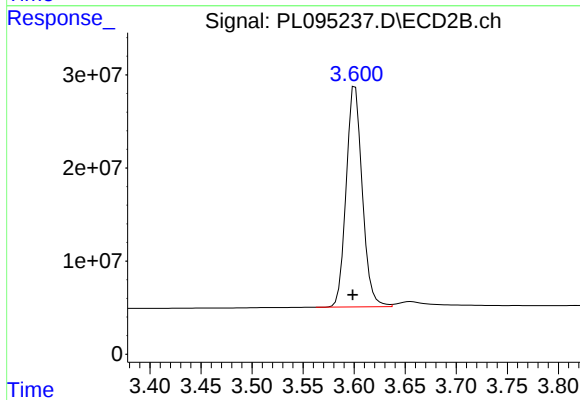
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.004 min
Response: 197080279
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

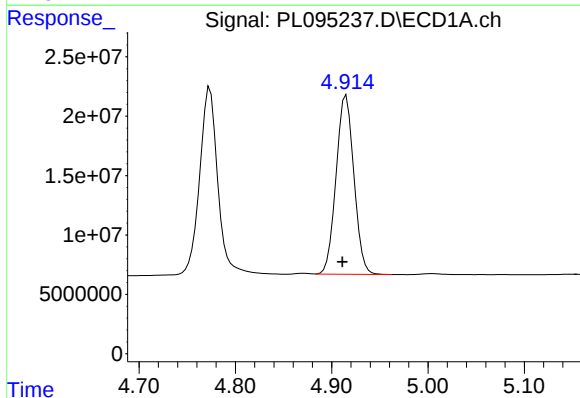
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



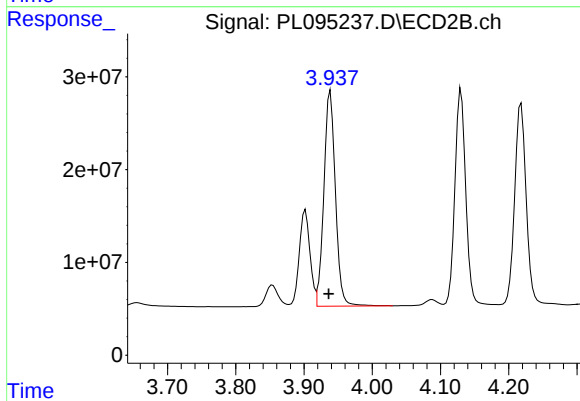
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.002 min
Response: 259799527
Conc: 49.36 ng/ml



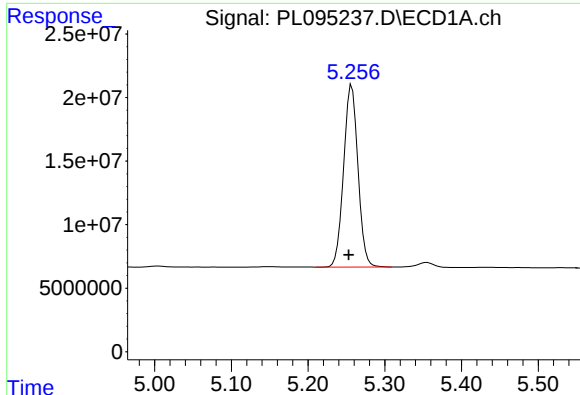
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 193545829
Conc: 52.79 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.002 min
Response: 272715310
Conc: 52.45 ng/ml



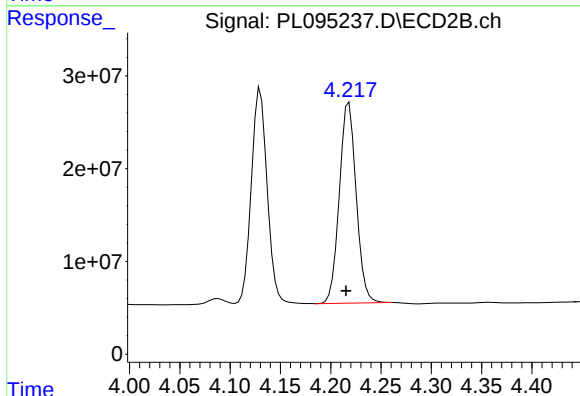
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 186719421
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

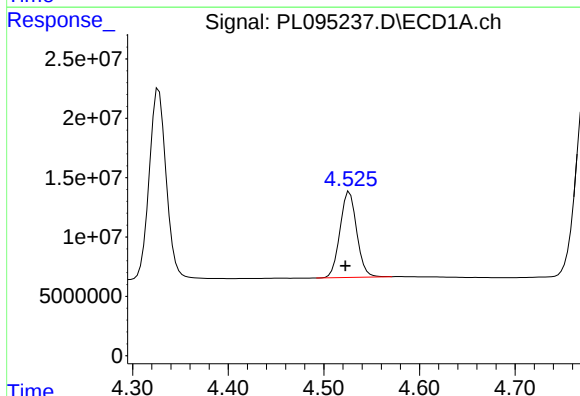
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



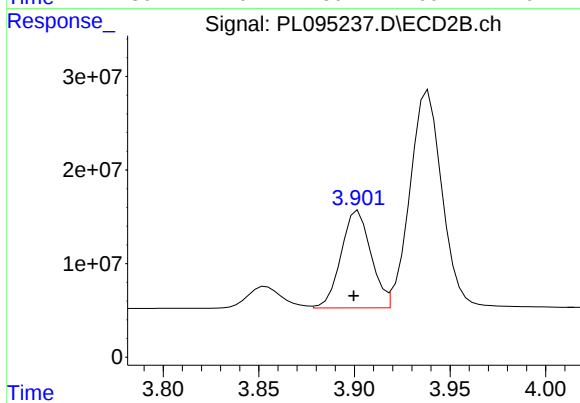
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.003 min
Response: 251185907
Conc: 51.54 ng/ml



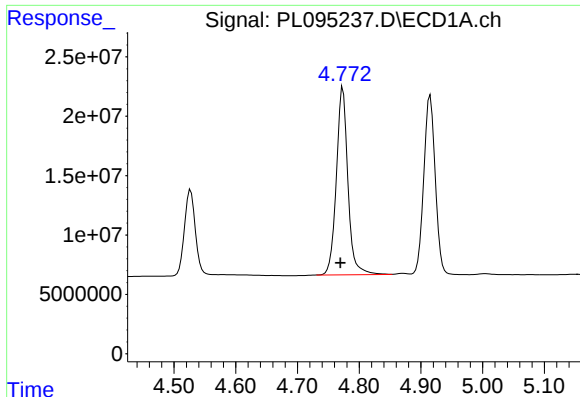
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 88109437
Conc: 50.25 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.002 min
Response: 112904079
Conc: 48.73 ng/ml



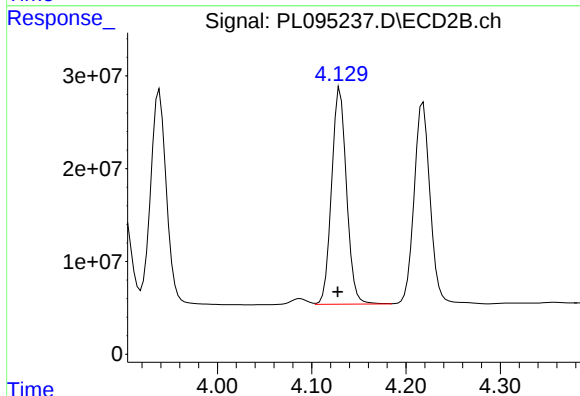
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 206390728
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

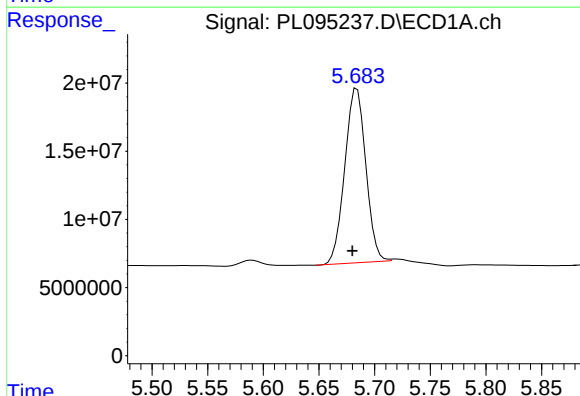
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



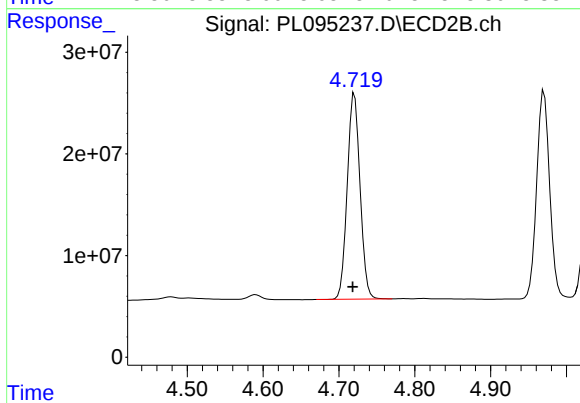
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 256297155
Conc: 49.57 ng/ml m



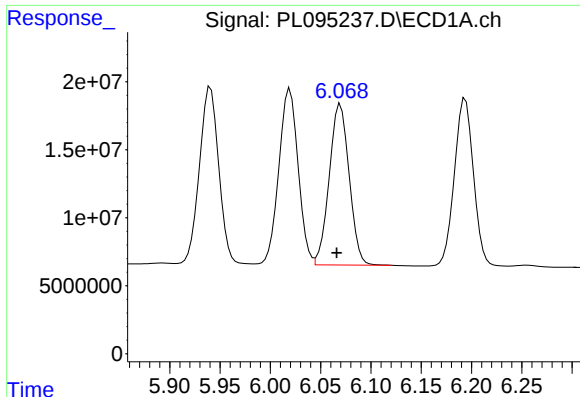
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 168213086
Conc: 52.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: 0.003 min
Response: 237830957
Conc: 52.06 ng/ml



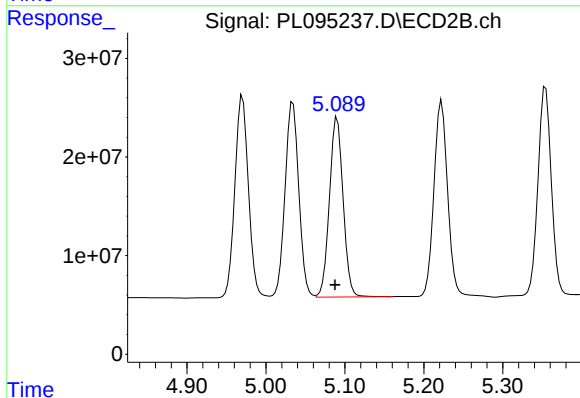
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 162787117
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

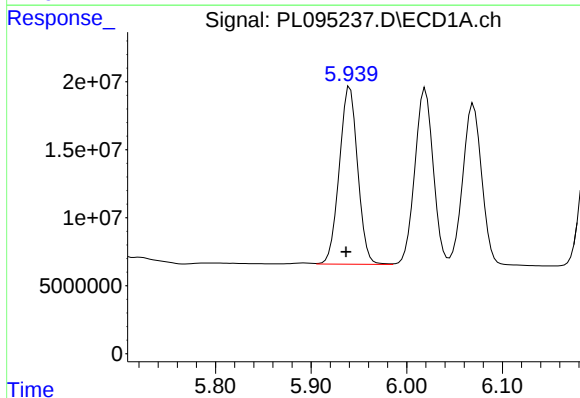
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



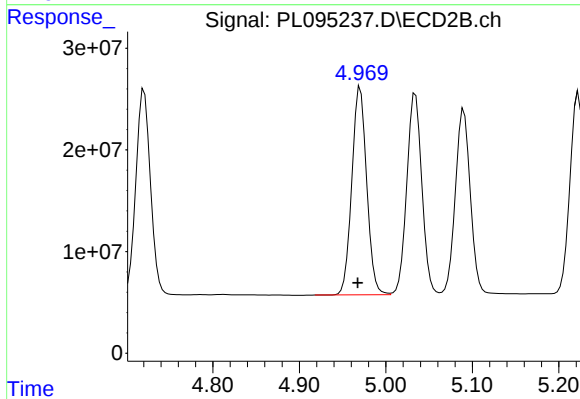
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 219546822
Conc: 50.58 ng/ml



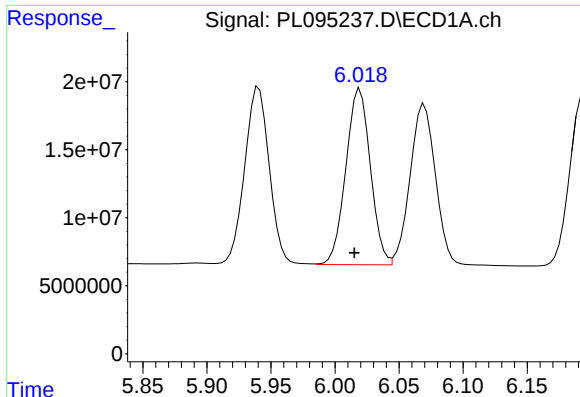
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.004 min
Response: 174767086
Conc: 52.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.003 min
Response: 244016964
Conc: 50.66 ng/ml



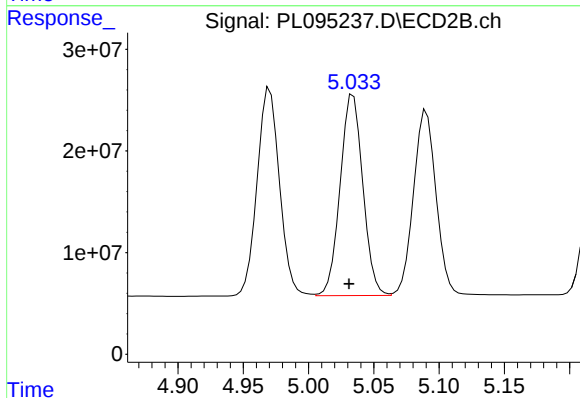
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.004 min
Response: 172673258
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

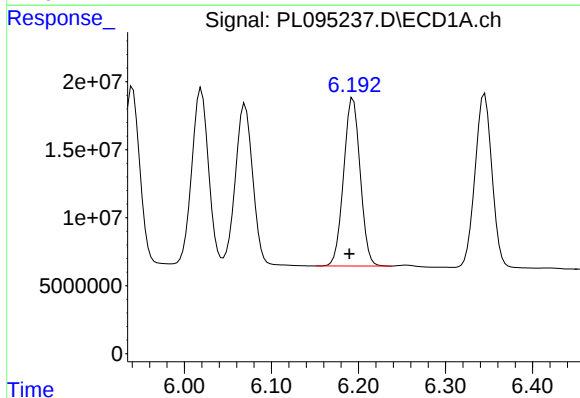
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



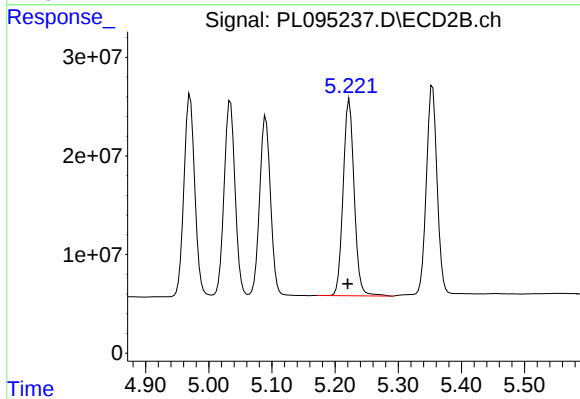
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.003 min
Response: 239439524
Conc: 50.52 ng/ml



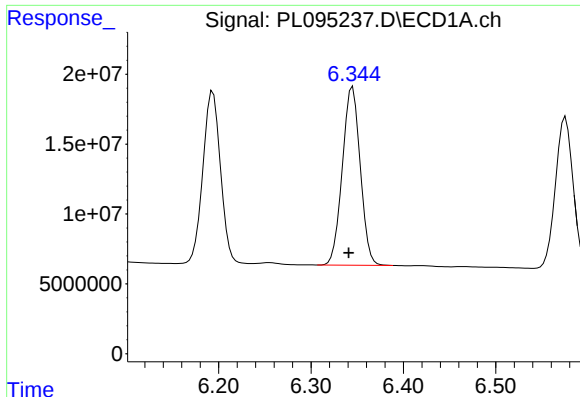
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.004 min
Response: 163246861
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.003 min
Response: 241669340
Conc: 50.19 ng/ml



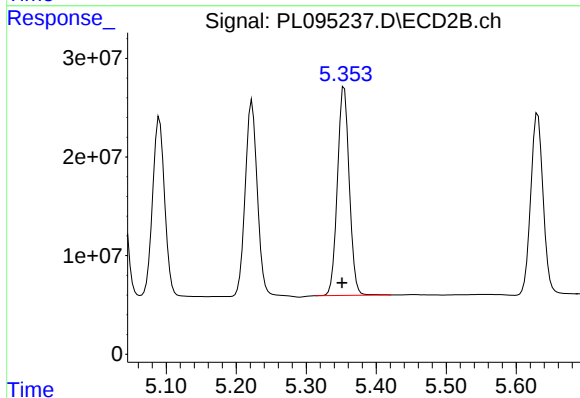
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 171941879
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

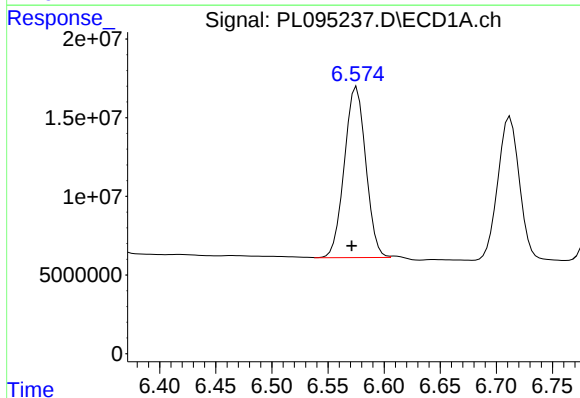
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



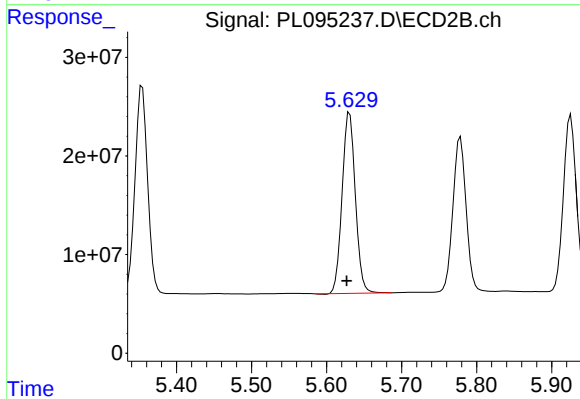
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.003 min
Response: 248650845
Conc: 51.80 ng/ml



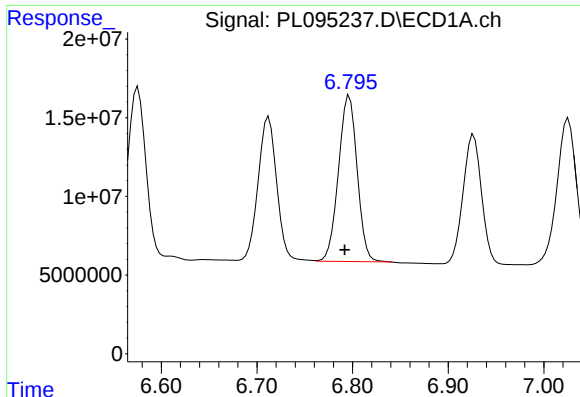
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.003 min
Response: 144323665
Conc: 55.38 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.004 min
Response: 225364453
Conc: 53.95 ng/ml



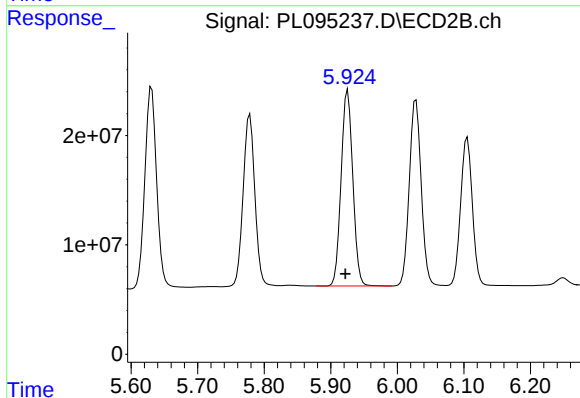
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 143253977
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

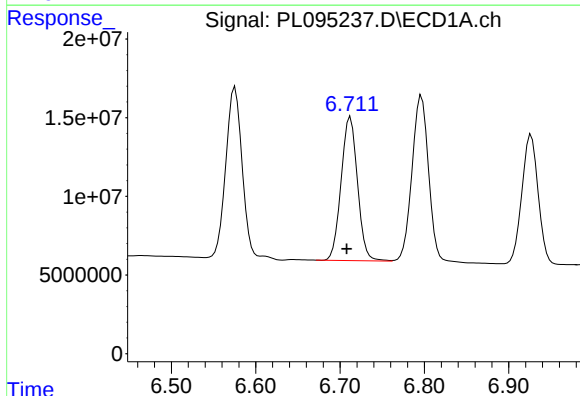
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



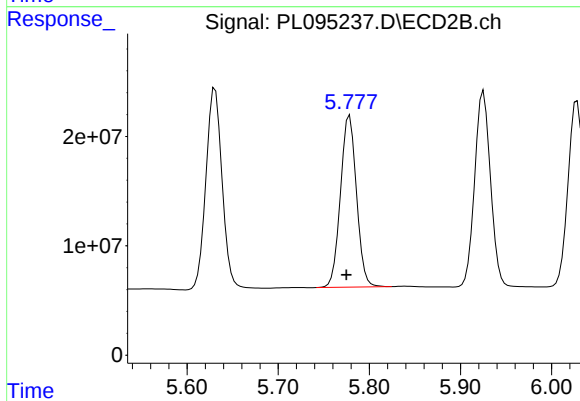
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 217598279
Conc: 49.56 ng/ml



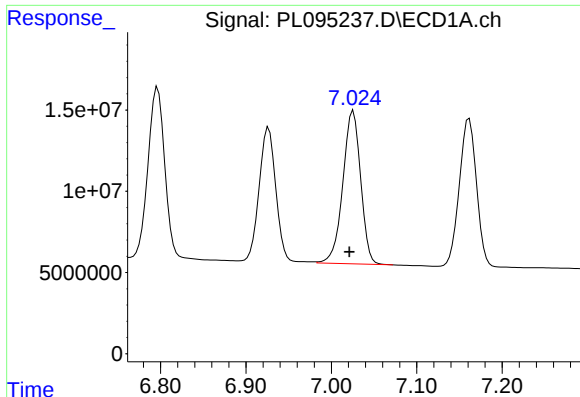
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.005 min
Response: 123167691
Conc: 48.51 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.004 min
Response: 191971885
Conc: 49.35 ng/ml



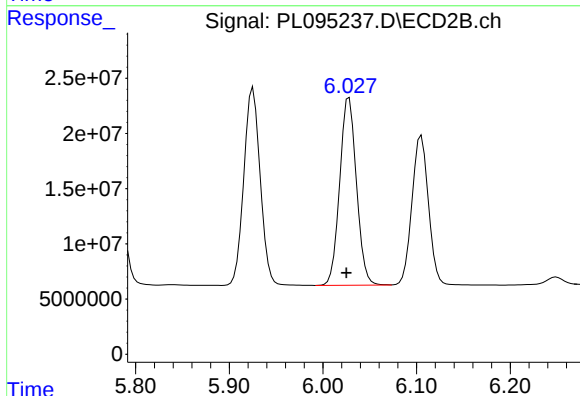
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 136307355
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

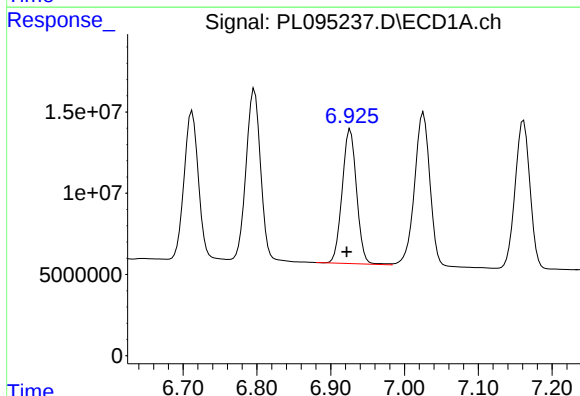
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



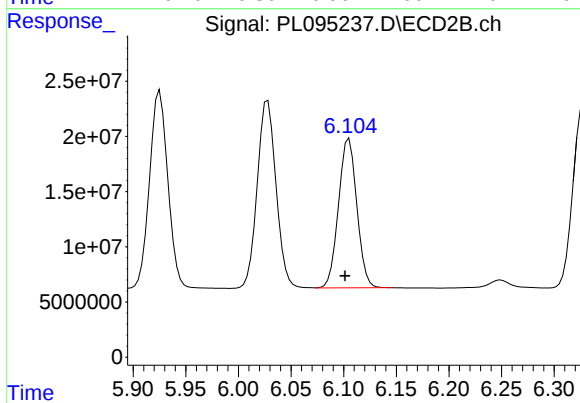
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 211611373
Conc: 50.80 ng/ml



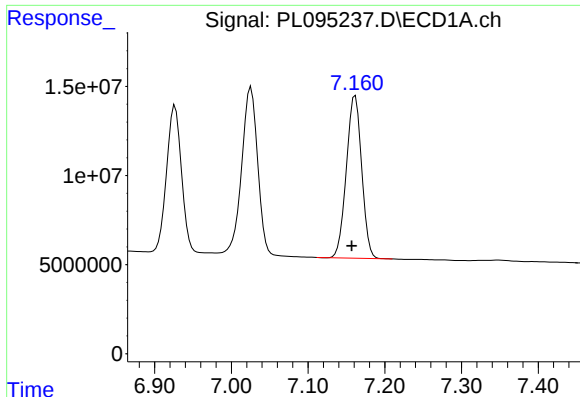
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.005 min
Response: 112236928
Conc: 50.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.004 min
Response: 164636649
Conc: 48.86 ng/ml



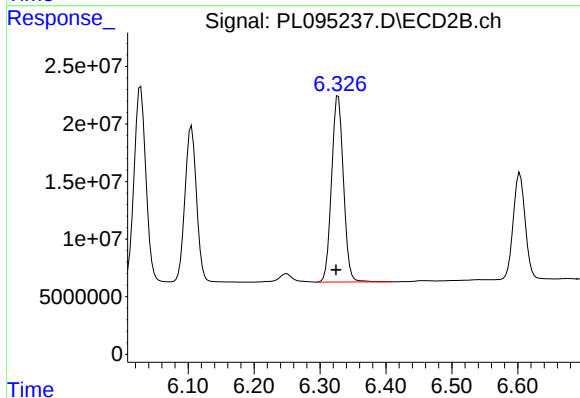
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.004 min
Response: 127168113
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

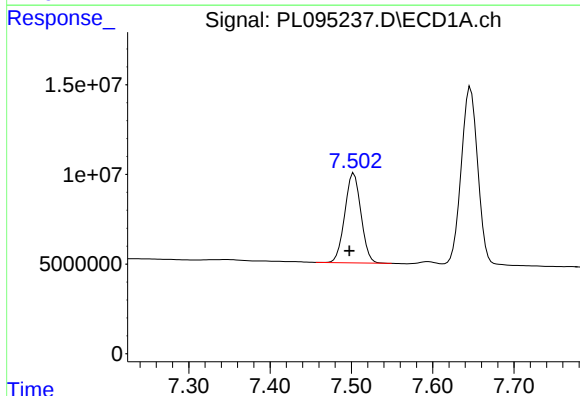
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



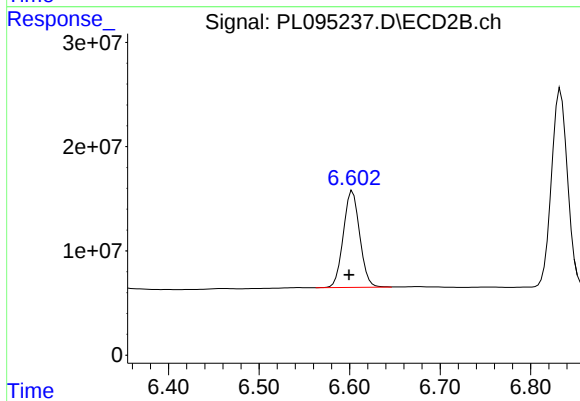
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.003 min
Response: 202093950
Conc: 48.39 ng/ml



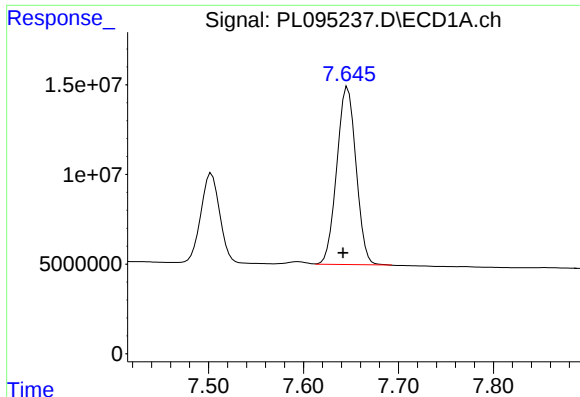
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 68888690
Conc: 51.43 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 116530969
Conc: 51.89 ng/ml m



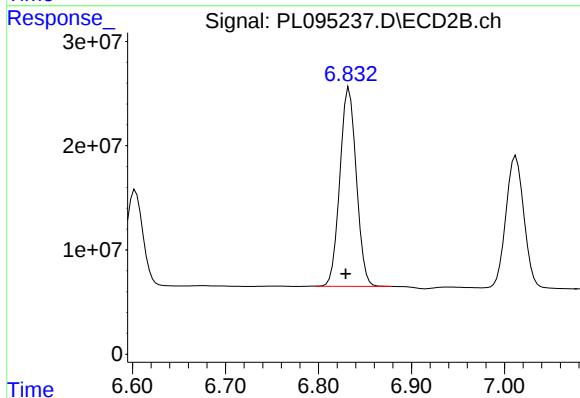
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.005 min
Response: 139750262
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

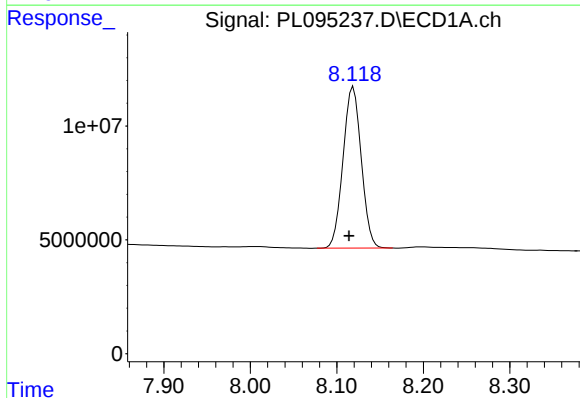
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



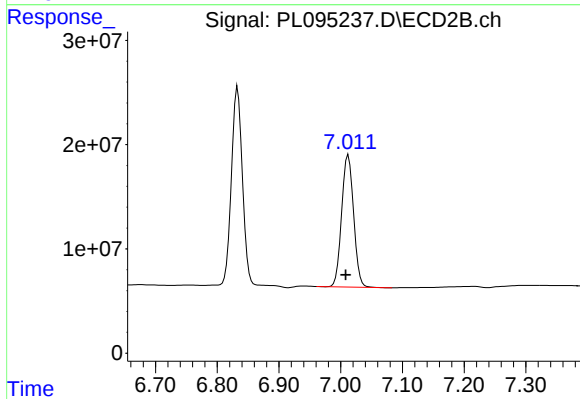
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.002 min
Response: 234517748
Conc: 46.51 ng/ml m



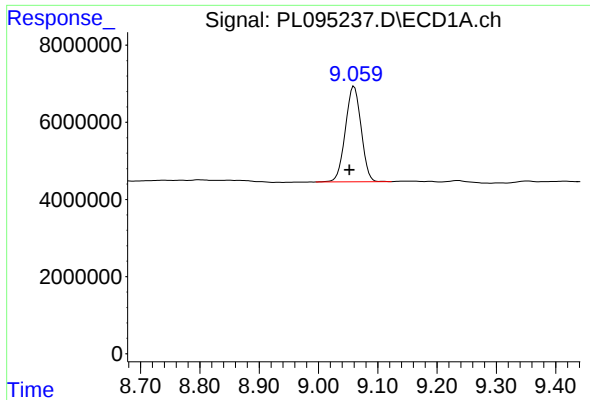
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.005 min
Response: 103099497
Conc: 48.47 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.004 min
Response: 170812587
Conc: 43.44 ng/ml



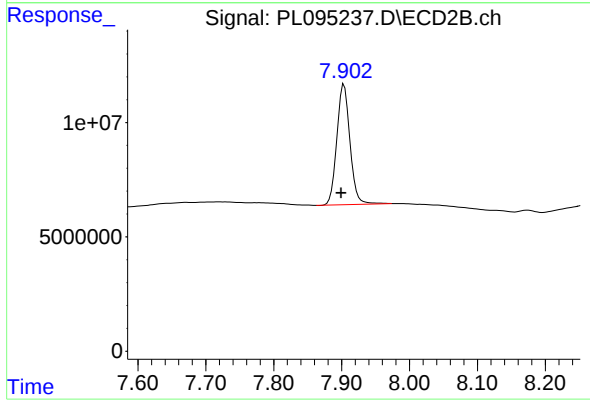
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.008 min
Response: 45764318
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.004 min
Response: 70768051
Conc: 16.09 ng/ml