

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 15:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2025
 Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:12:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.767	138.4E6	193.0E6	48.886	54.085
28)	SA Decachlor...	9.048	7.897	105.1E6	189.0E6	49.883	46.797
Target Compounds							
2)	A alpha-BHC	3.990	3.269	201.1E6	294.1E6	48.425	54.556
3)	MA gamma-BHC...	4.323	3.598	191.8E6	275.3E6	48.067	53.571
4)	MA Heptachlor	4.910	3.935	178.2E6	268.5E6	45.899	50.956
5)	MB Aldrin	5.251	4.214	171.4E6	252.6E6	46.419	51.810
6)	B beta-BHC	4.522	3.898	85397628	118.2E6	46.281	53.200
7)	B delta-BHC	4.769	4.127	187.7E6	266.9E6	48.187	53.361
8)	B Heptachlo...	5.678	4.717	157.5E6	232.6E6	47.095	50.796
9)	A Endosulfan I	6.063	5.085	147.7E6	198.4E6	48.122	45.199m
10)	B gamma-Chl...	5.934	4.965	161.0E6	244.4E6	47.790	50.613m
11)	B alpha-Chl...	6.013	5.028	158.3E6	241.7E6	48.007	50.642m
12)	B 4,4'-DDE	6.187	5.217	155.2E6	241.9E6	52.736	52.042m
13)	MA Dieldrin	6.338	5.349	157.5E6	243.5E6	49.237	50.188m
14)	MA Endrin	6.567	5.626	123.8E6	210.3E6	44.661m	48.187
15)	B Endosulfa...	6.789	5.920	134.0E6	217.6E6	49.351	50.285m
16)	A 4,4'-DDD	6.705	5.773	125.0E6	198.8E6	57.727	55.295
17)	MA 4,4'-DDT	7.018	6.023	117.2E6	197.7E6	49.253	49.020
18)	B Endrin al...	6.919	6.100	100.6E6	161.6E6	47.677	48.026
19)	B Endosulfa...	7.154	6.323	116.7E6	199.6E6	48.000	49.010
20)	A Methoxychlor	7.495	6.598	60096422	104.6E6	50.203	49.332
21)	B Endrin ke...	7.638	6.826	130.2E6	252.6E6	49.276	52.921m
22)	Mirex	8.110	7.005	93805889	176.1E6	45.398	46.405m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
Data File : PL095200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 15:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

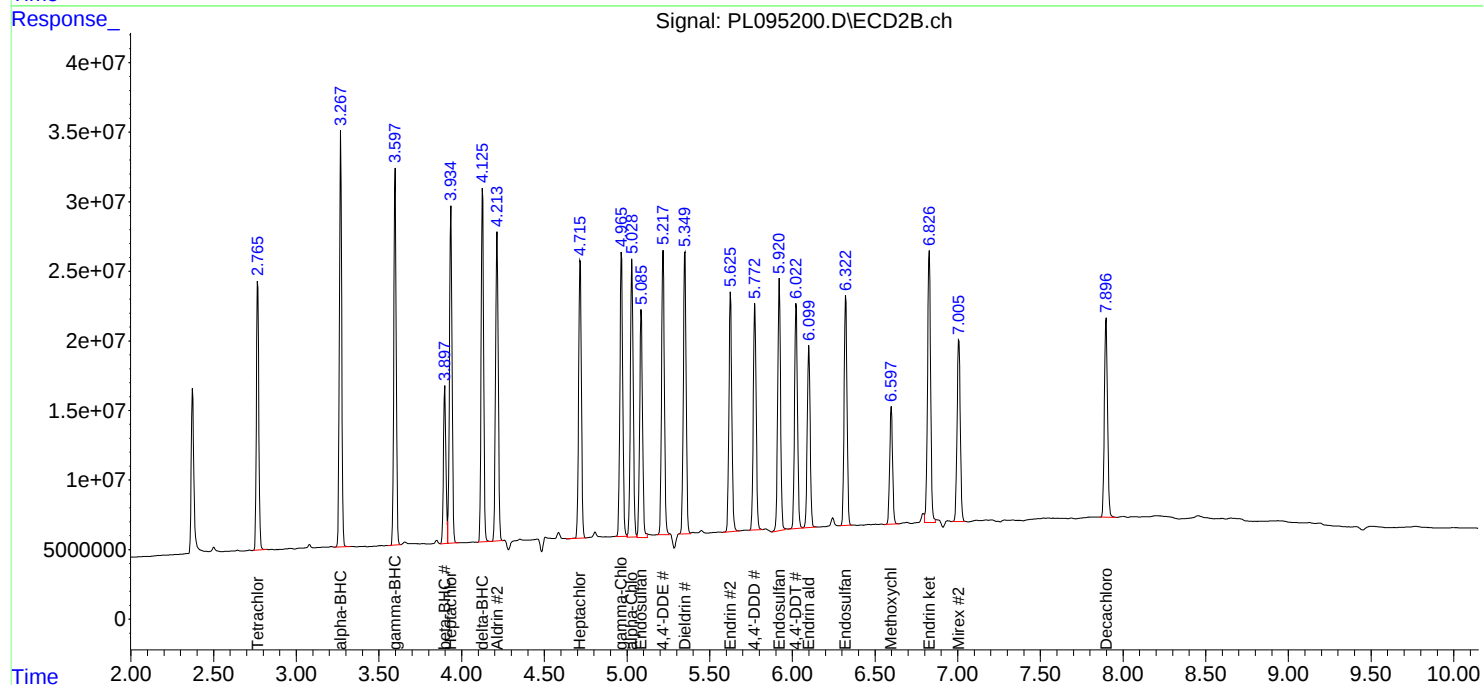
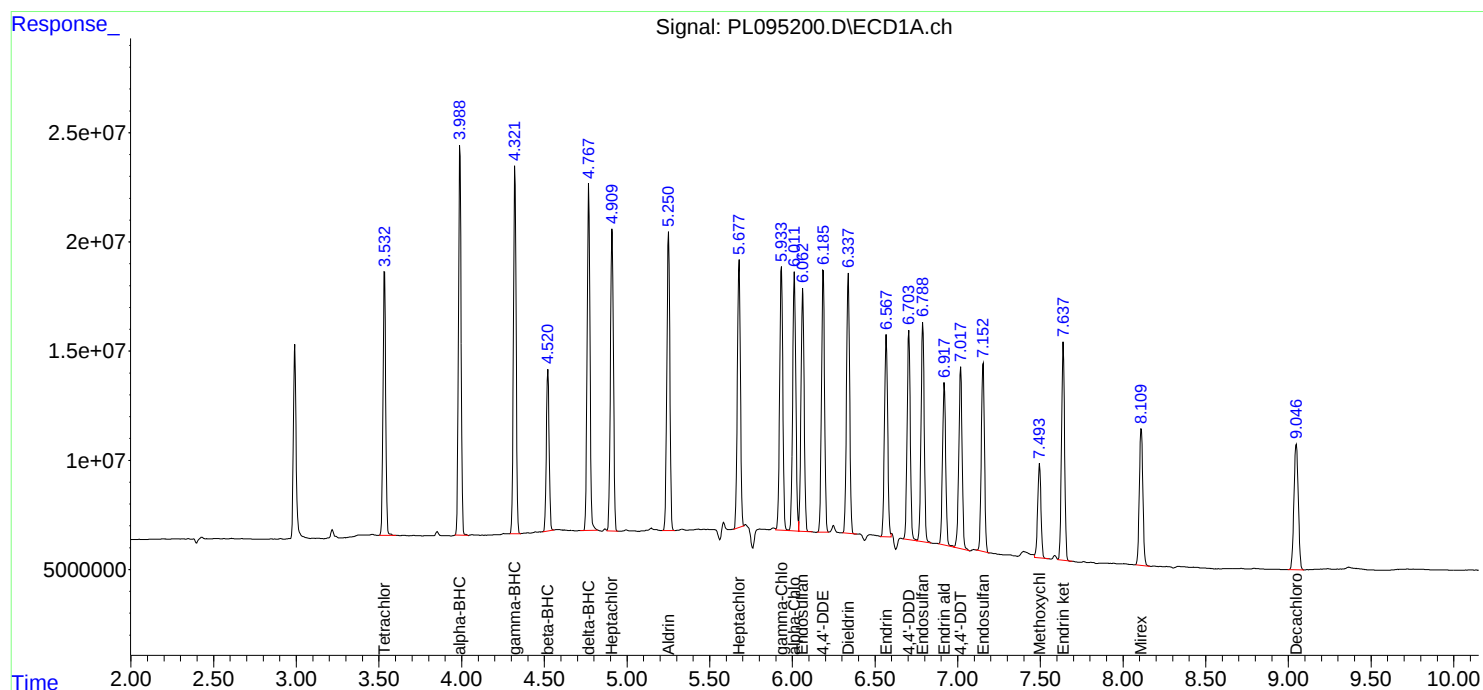
APPROVED

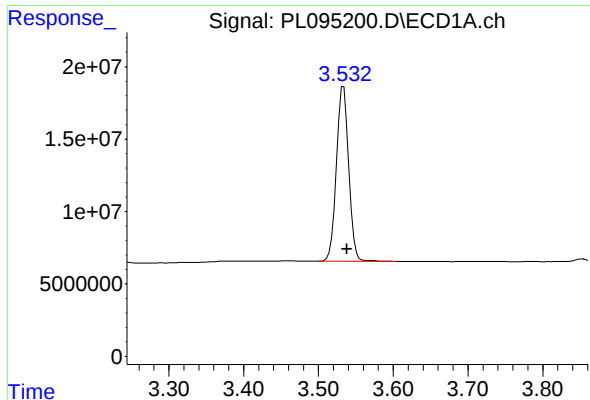
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:12:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





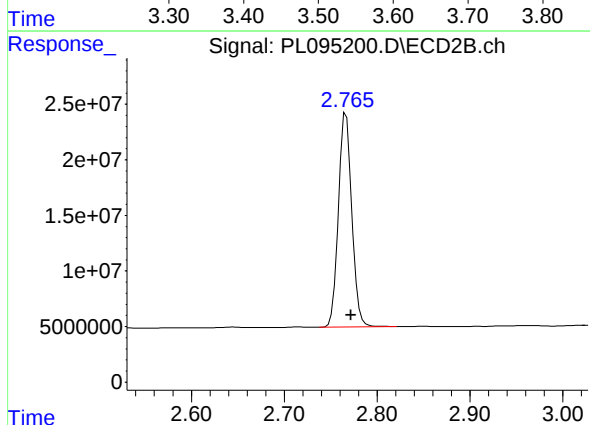
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 138379681
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

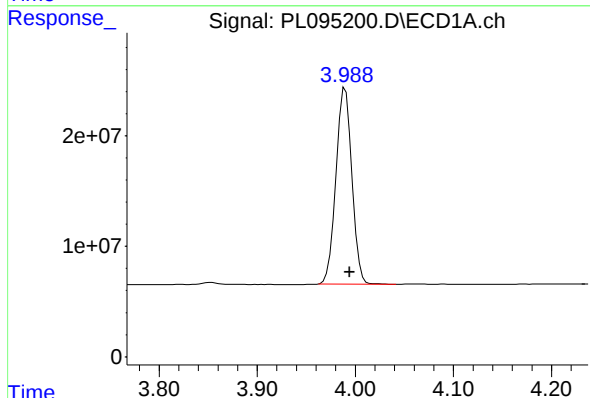
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



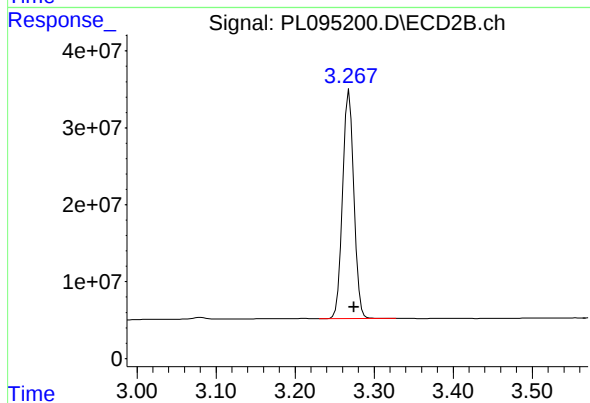
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 193043438
Conc: 54.08 ng/ml



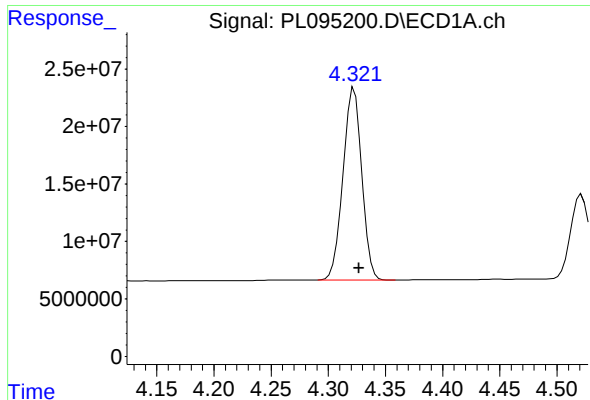
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 201078055
Conc: 48.43 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 294130567
Conc: 54.56 ng/ml



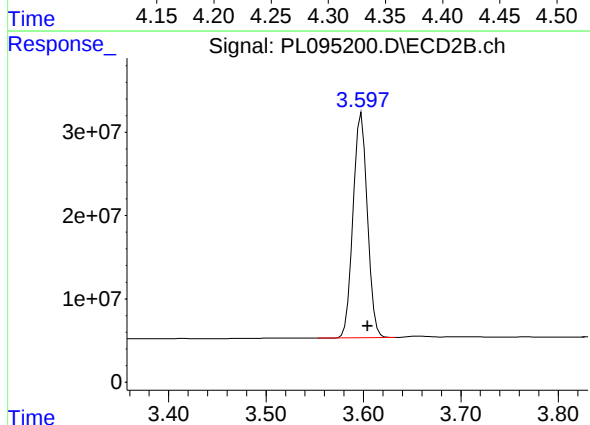
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 191799982
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

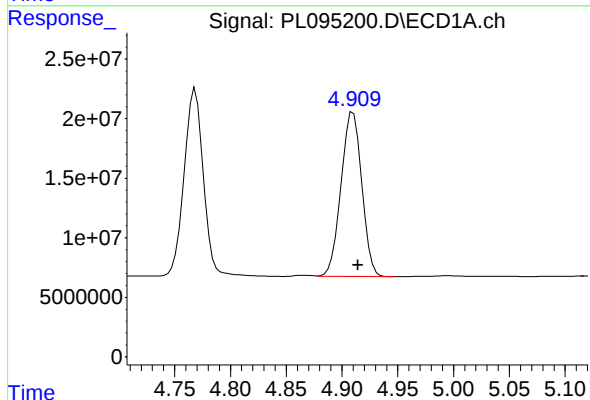
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



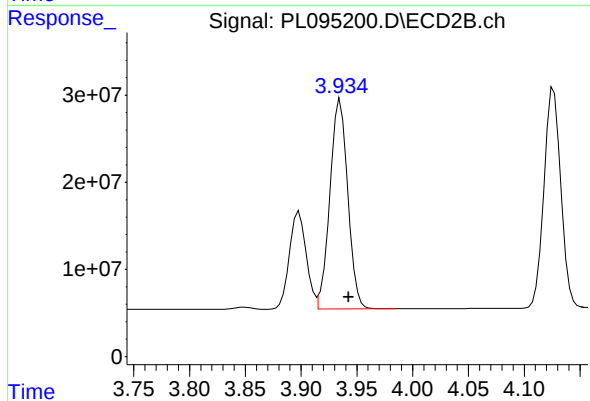
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 275324649
Conc: 53.57 ng/ml



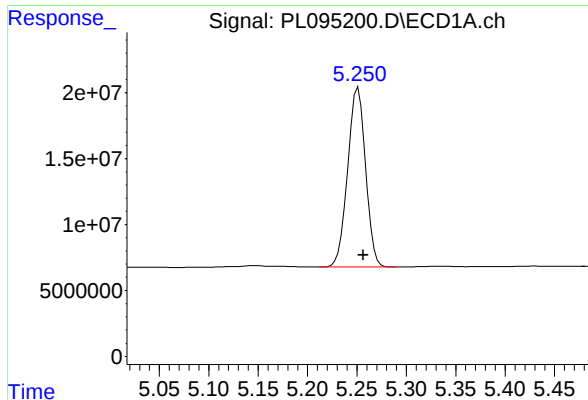
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 178163453
Conc: 45.90 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 268468032
Conc: 50.96 ng/ml



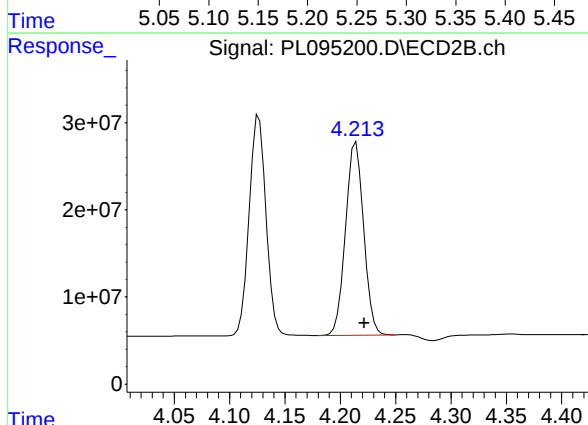
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 171389397
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

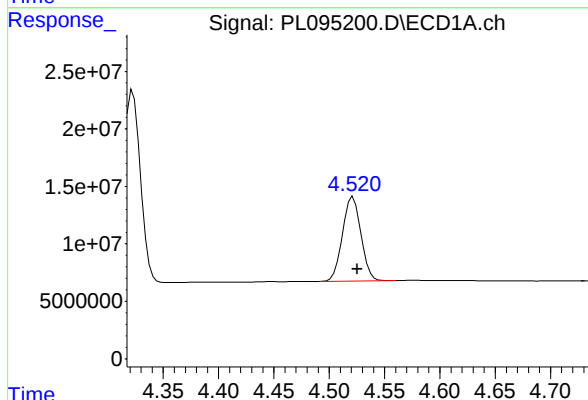
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



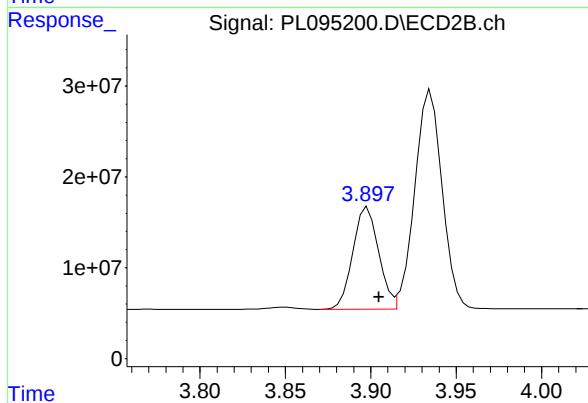
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 252643902
Conc: 51.81 ng/ml



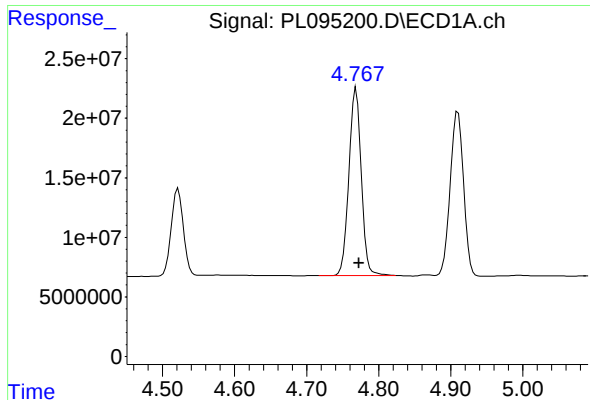
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 85397628
Conc: 46.28 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: -0.007 min
Response: 118173718
Conc: 53.20 ng/ml



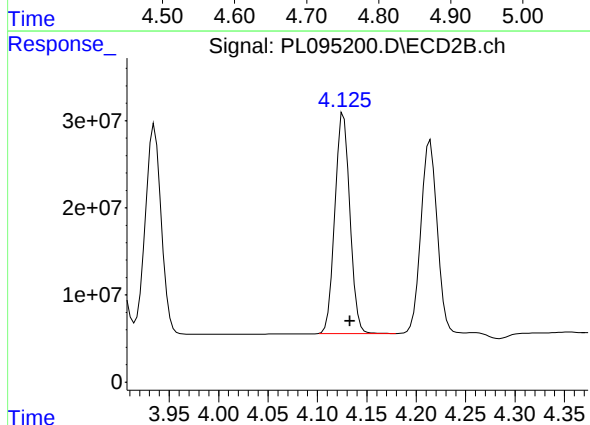
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 187656304
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

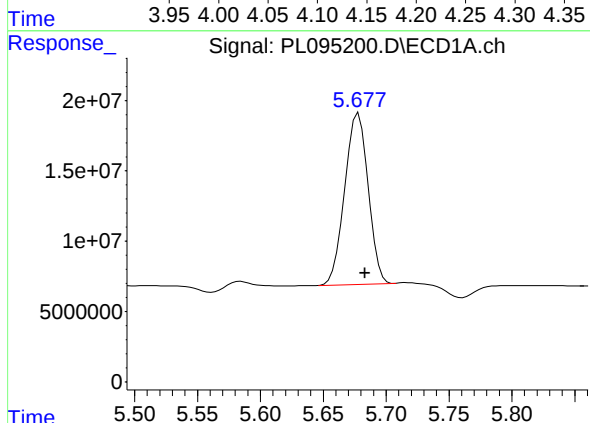
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



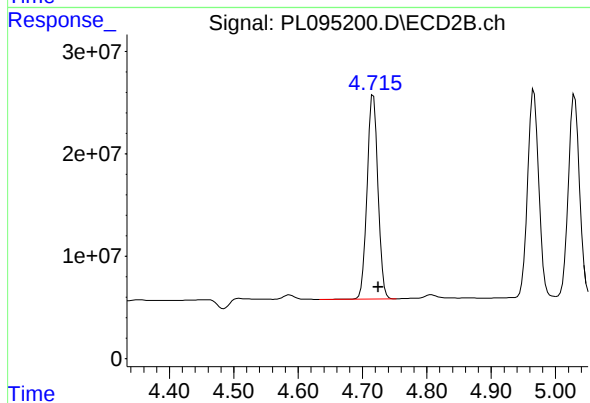
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.007 min
Response: 266908847
Conc: 53.36 ng/ml



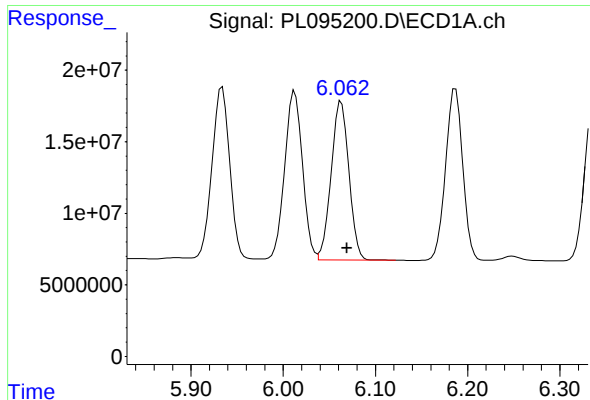
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 157542507
Conc: 47.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 232573796
Conc: 50.80 ng/ml



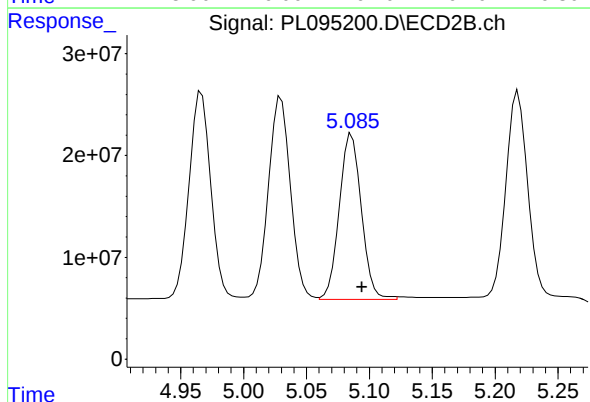
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 147743978
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

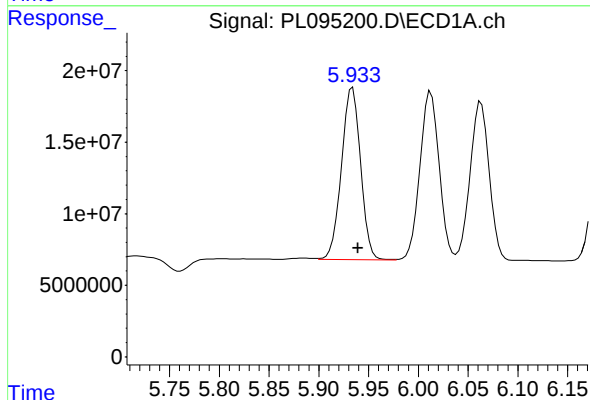
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



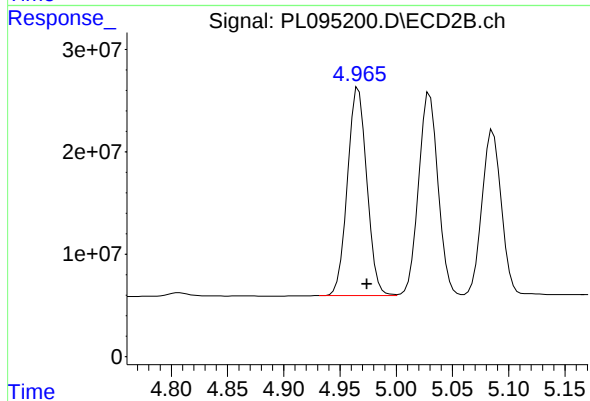
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 198365505
Conc: 45.20 ng/ml m



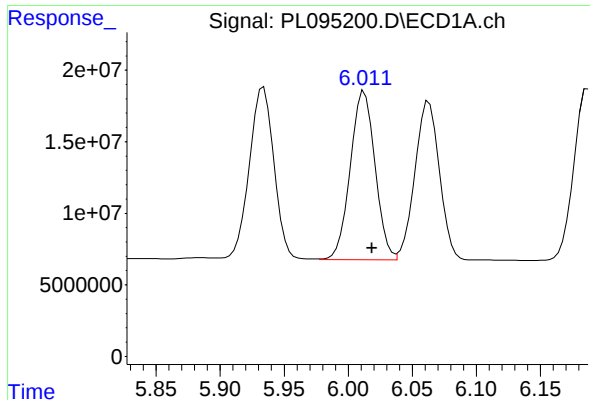
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 161022421
Conc: 47.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 244378507
Conc: 50.61 ng/ml m



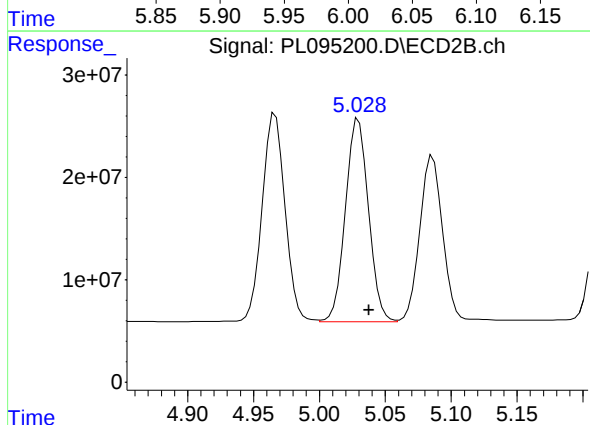
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.006 min
Response: 158272458
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

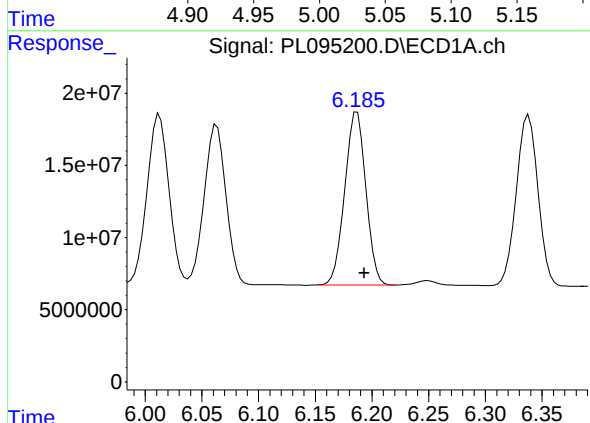
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



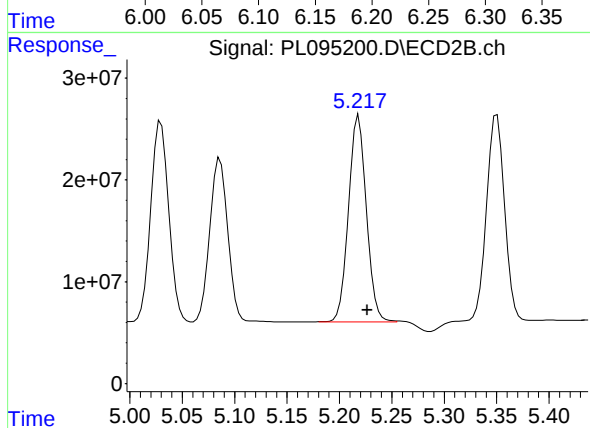
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.009 min
Response: 241703860
Conc: 50.64 ng/ml



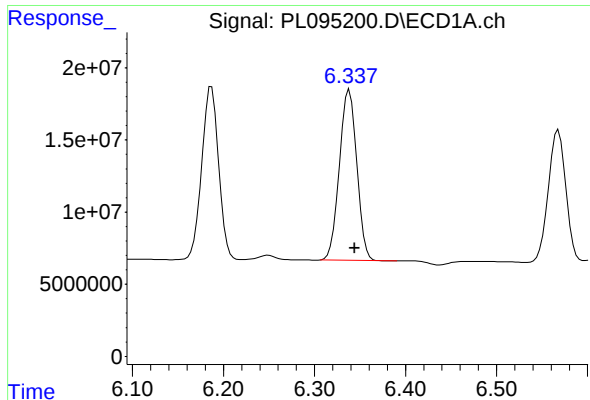
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 155153069
Conc: 52.74 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.010 min
Response: 241920467
Conc: 52.04 ng/ml



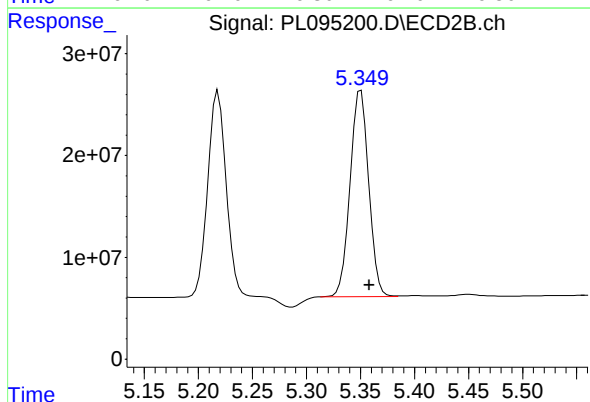
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 157467279
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

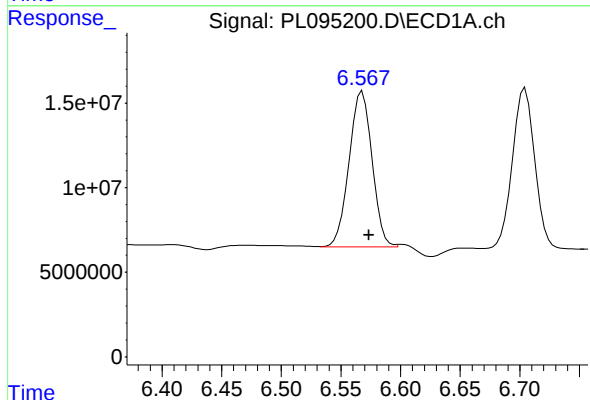
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



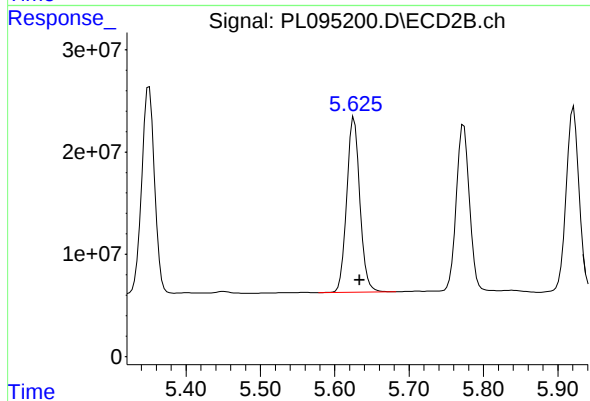
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 243502589
Conc: 50.19 ng/ml m



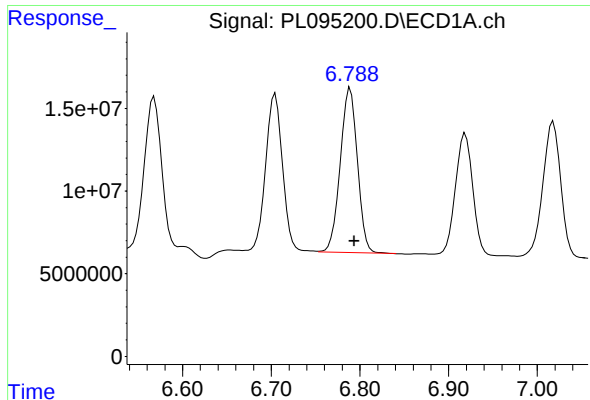
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 123803588
Conc: 44.66 ng/ml m



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 210273214
Conc: 48.19 ng/ml



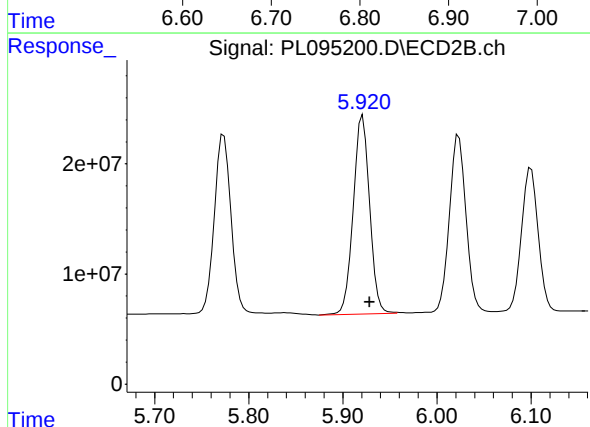
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 133974381
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

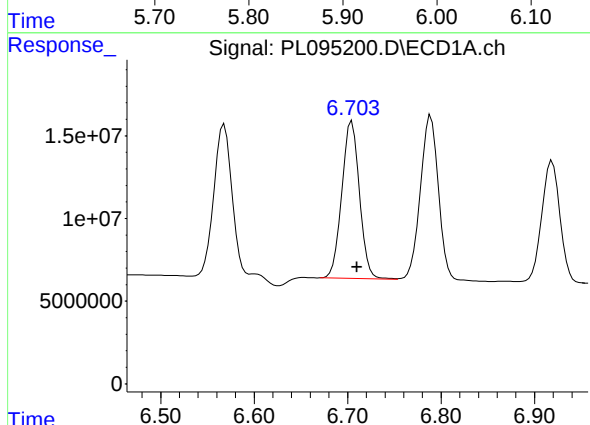
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



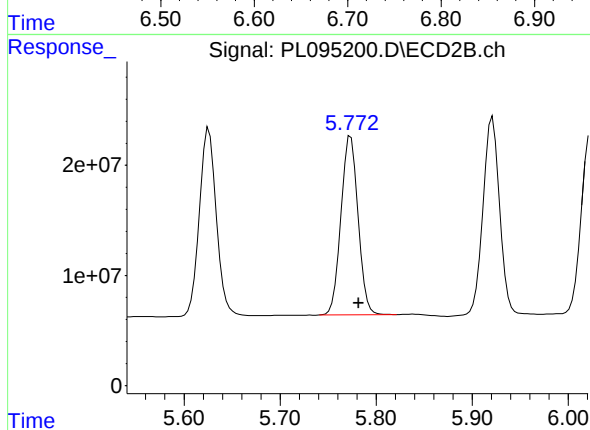
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.009 min
Response: 217648364
Conc: 50.29 ng/ml



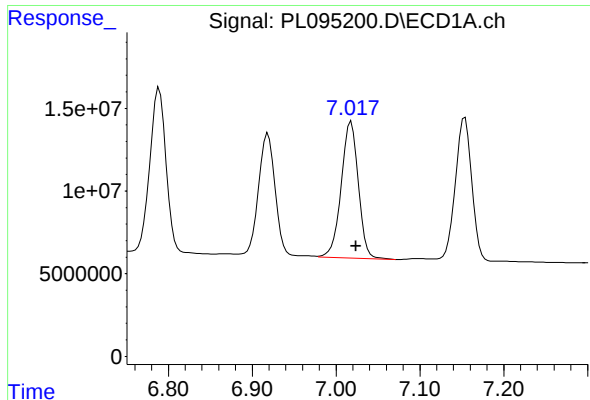
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 125041638
Conc: 57.73 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 198835336
Conc: 55.30 ng/ml



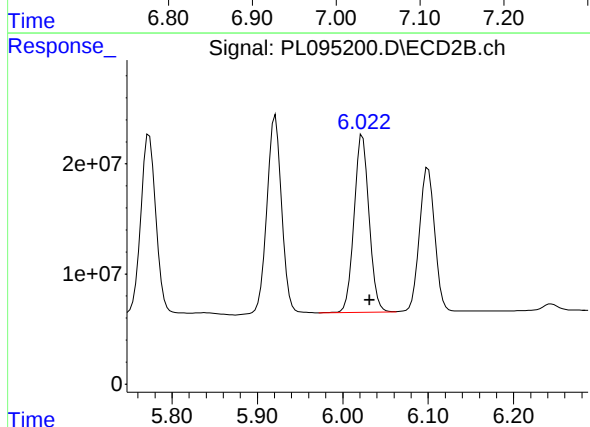
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 117150708
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

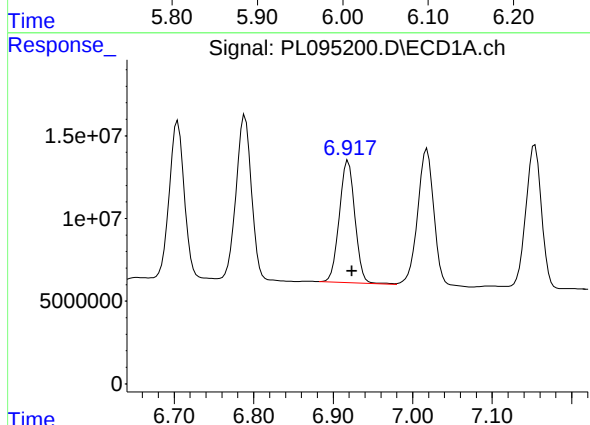
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



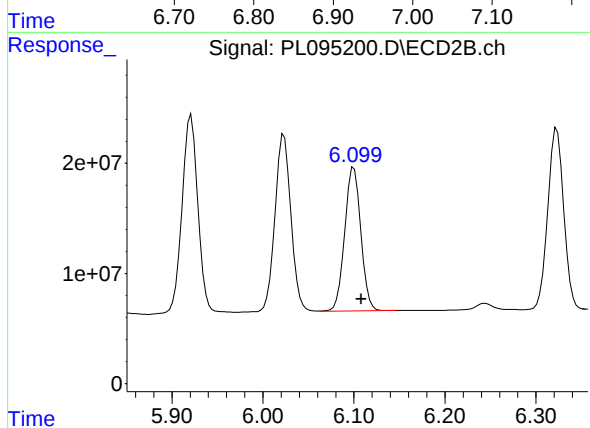
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 197654936
Conc: 49.02 ng/ml



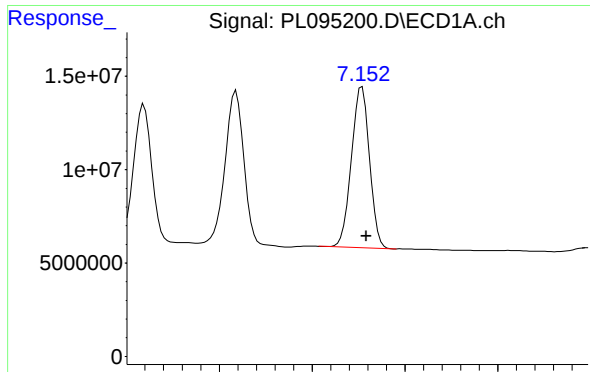
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 100645050
Conc: 47.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 161626269
Conc: 48.03 ng/ml



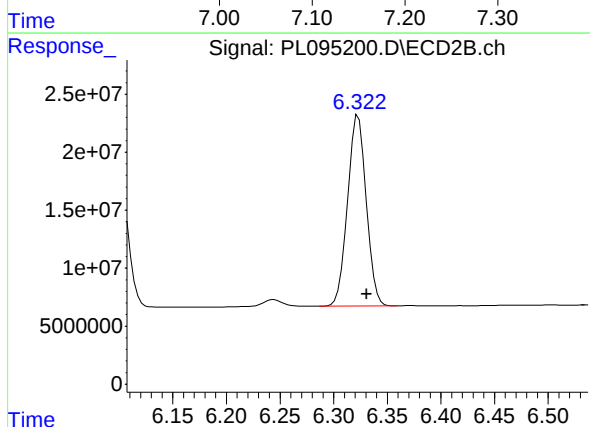
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 116736076
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

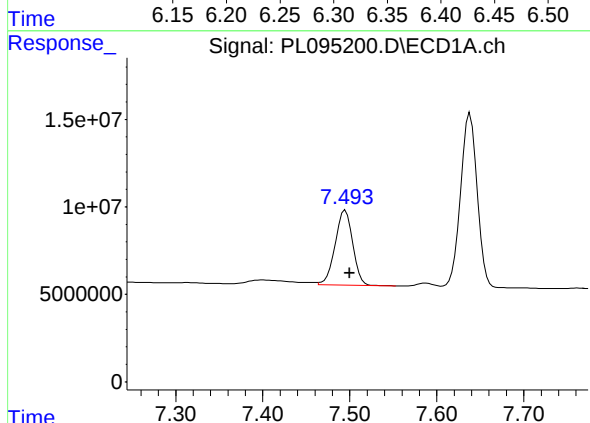
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



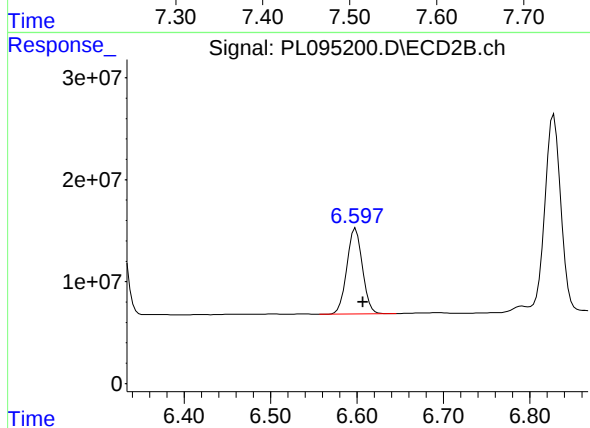
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 199637233
Conc: 49.01 ng/ml



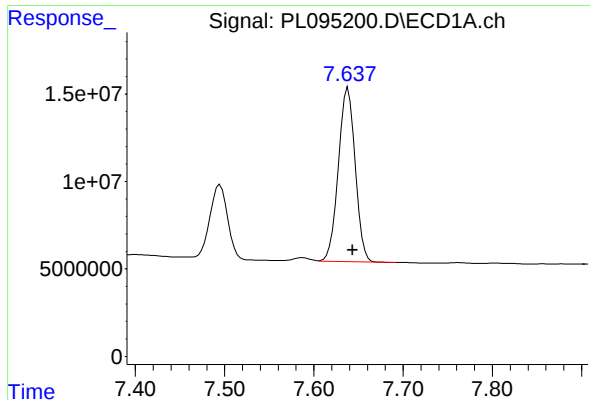
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 60096422
Conc: 50.20 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 104635810
Conc: 49.33 ng/ml



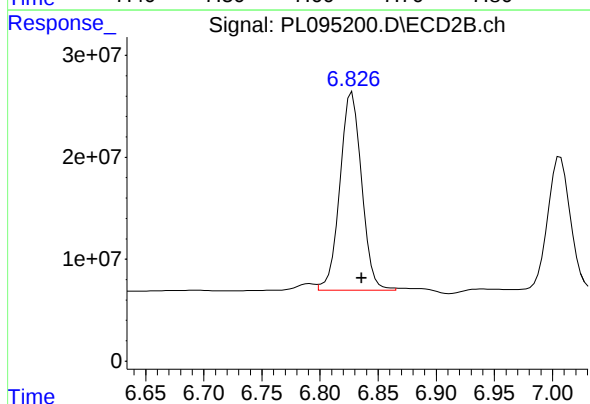
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.005 min
Response: 130249885
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

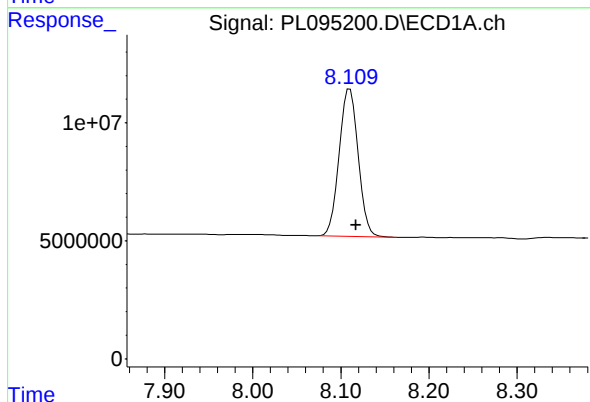
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



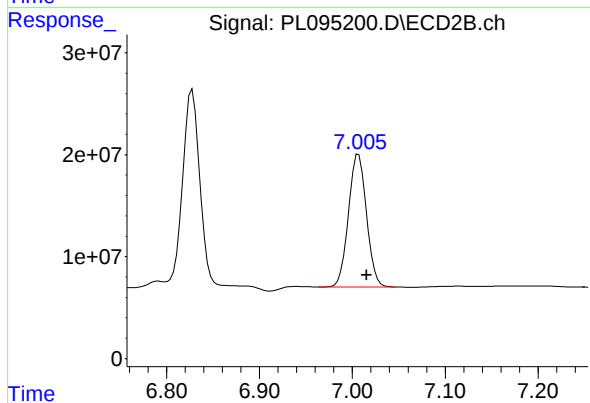
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 252568077
Conc: 52.92 ng/ml m



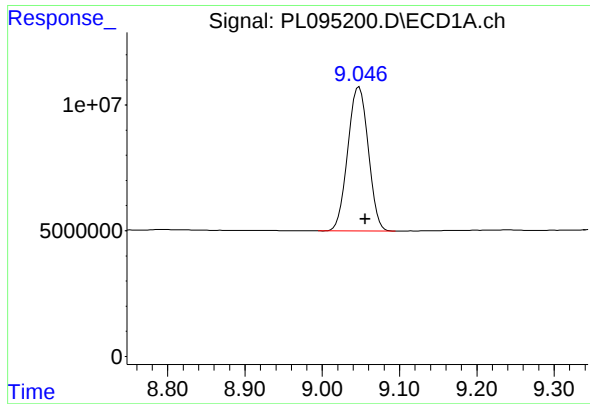
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 93805889
Conc: 45.40 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 176121611
Conc: 46.41 ng/ml m



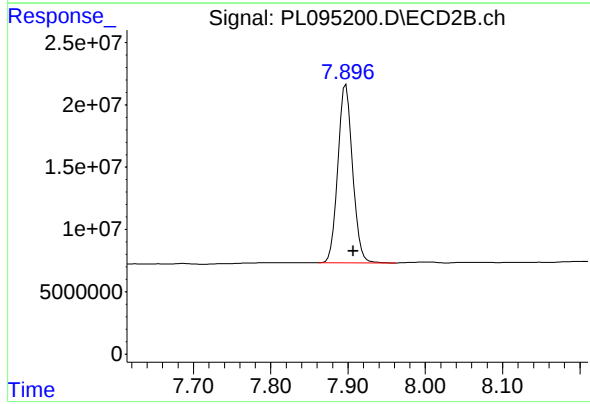
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.008 min
Response: 105126236
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.009 min
Response: 189030381
Conc: 46.80 ng/ml