

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 12:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2025
 Supervised By : mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:35:23 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...	3.533	2.767	132.8E6	187.5E6	46.923	52.535
28)	SA Decachlor...	9.045	7.896	100.2E6	199.2E6	47.558	49.315
Target Compounds							
2)	A alpha-BHC	3.989	3.269	193.0E6	285.5E6	46.491	52.955
3)	MA gamma-BHC...	4.322	3.597	184.4E6	267.1E6	46.208	51.974m
4)	MA Heptachlor	4.909	3.935	170.5E6	265.1E6	43.929	50.314
5)	MB Aldrin	5.250	4.214	163.3E6	246.6E6	44.215	50.573
6)	B beta-BHC	4.521	3.899	82899375	114.4E6	44.927	51.484
7)	B delta-BHC	4.766	4.127	179.1E6	260.4E6	45.978m	52.058
8)	B Heptachlo...	5.676	4.716	146.4E6	227.9E6	43.758	49.767
9)	A Endosulfan I	6.062	5.086	140.6E6	206.9E6	45.802	47.136
10)	B gamma-Chl...	5.933	4.966	151.3E6	240.0E6	44.916	49.702
11)	B alpha-Chl...	6.012	5.029	150.0E6	235.6E6	45.488	49.369
12)	B 4,4'-DDE	6.186	5.217	148.1E6	237.5E6	50.327	51.081m
13)	MA Dieldrin	6.337	5.348	149.8E6	240.3E6	46.829	49.522m
14)	MA Endrin	6.565	5.623	128.8E6	220.0E6	46.468m	50.424m
15)	B Endosulfa...	6.787	5.919	129.7E6	212.0E6	47.768	48.976m
16)	A 4,4'-DDD	6.703	5.773	113.9E6	187.4E6	52.584	52.128
17)	MA 4,4'-DDT	7.016	6.023	120.2E6	209.7E6	50.556	52.007
18)	B Endrin al...	6.918	6.099	98873567	161.7E6	46.838	48.034
19)	B Endosulfa...	7.152	6.322	113.9E6	202.9E6	46.844	49.811
20)	A Methoxychlor	7.494	6.597	61642416	112.4E6	51.494	52.981
21)	B Endrin ke...	7.637	6.825	121.9E6	236.2E6	46.109	49.496m
22)	Mirex	8.108	7.004	89840057	181.0E6	43.479m	47.679m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
Data File : PL095167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 12:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

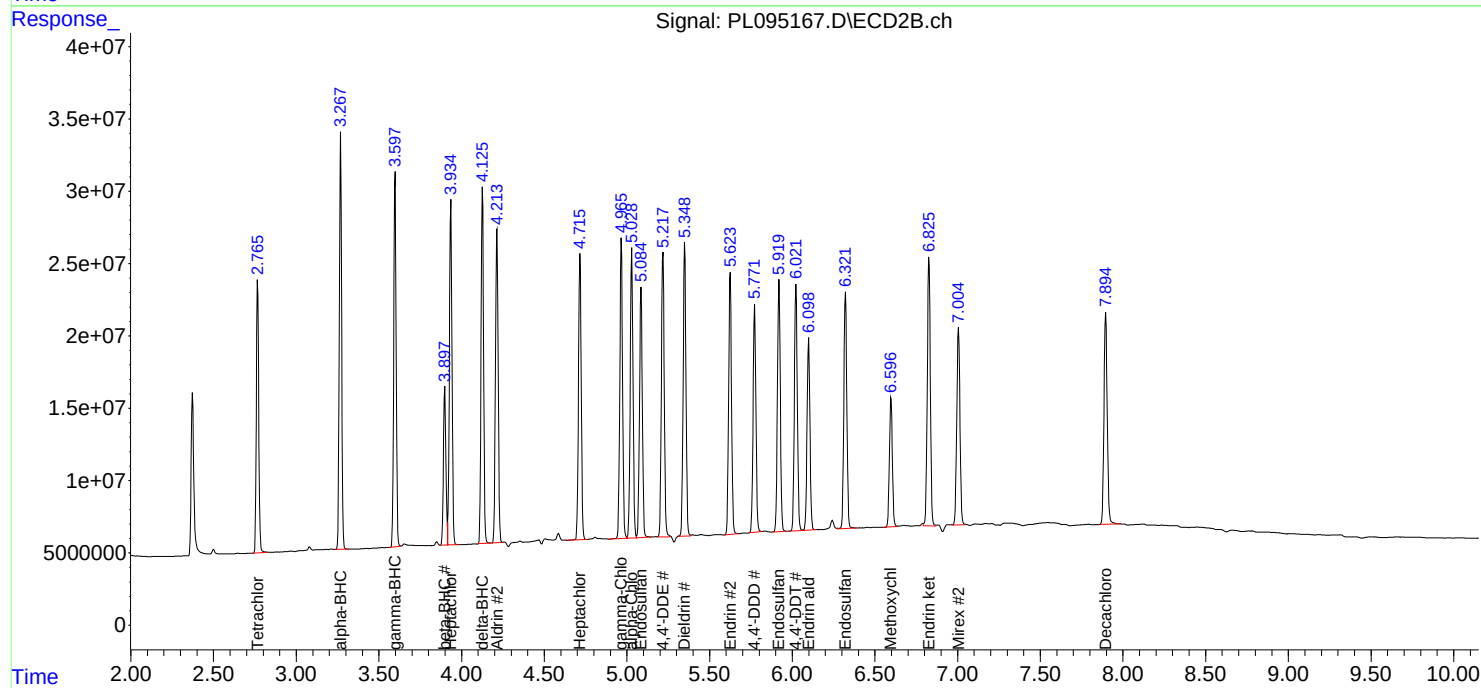
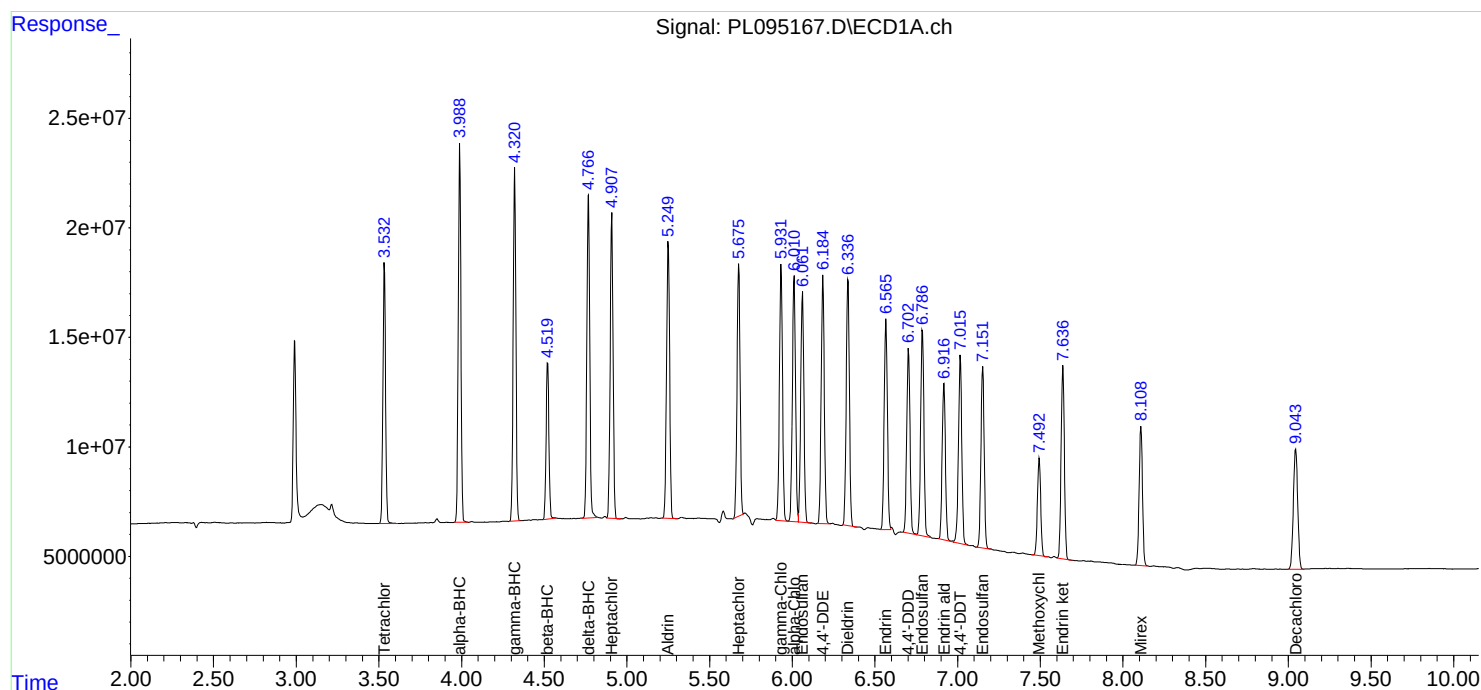
APPROVED

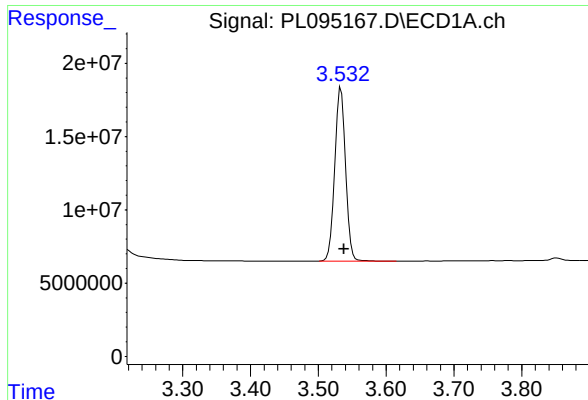
Reviewed By :Abdul Mirza 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 20:35:23 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





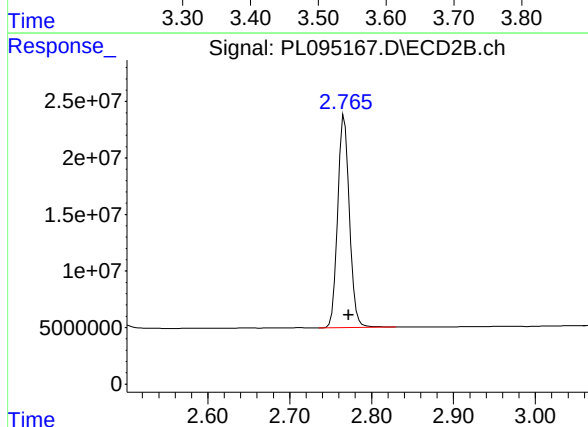
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 132824179
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

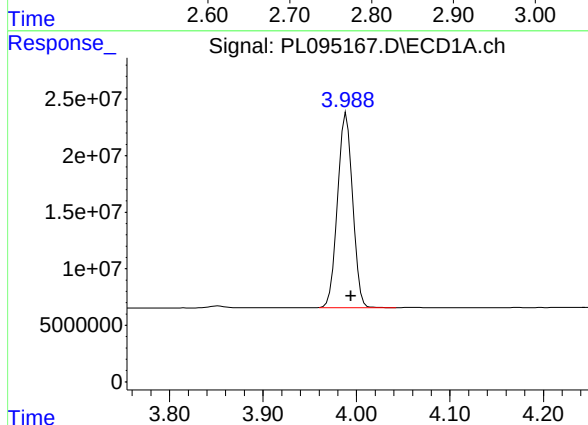
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



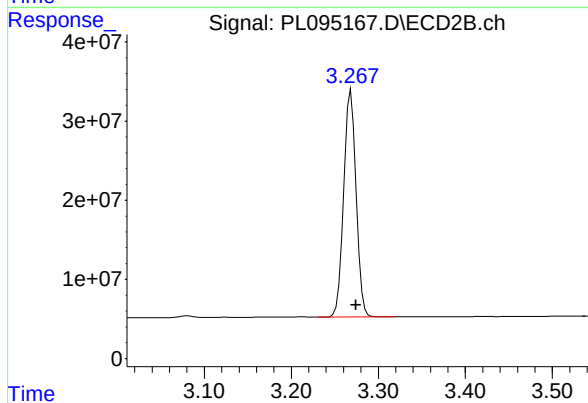
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 187512981
Conc: 52.54 ng/ml



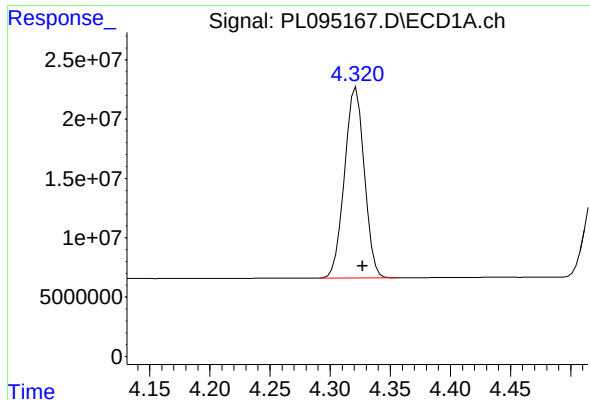
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 193047848
Conc: 46.49 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 285500204
Conc: 52.96 ng/ml



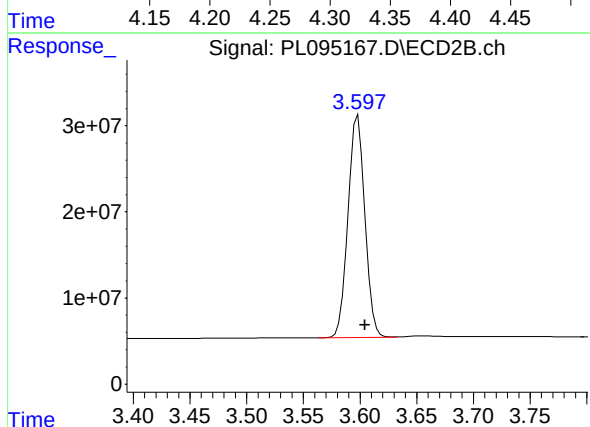
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 184382299
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

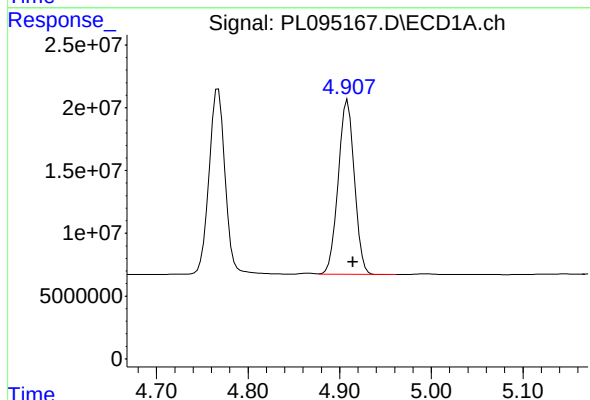
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



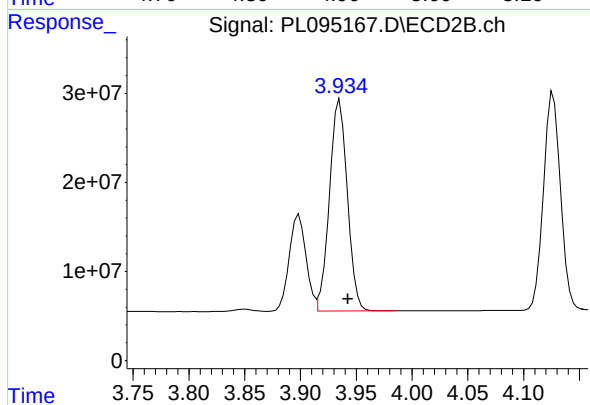
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.008 min
Response: 267117764
Conc: 51.97 ng/ml



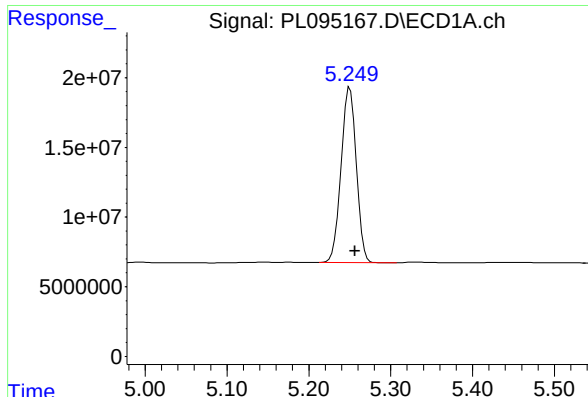
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.006 min
Response: 170515802
Conc: 43.93 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 265084964
Conc: 50.31 ng/ml



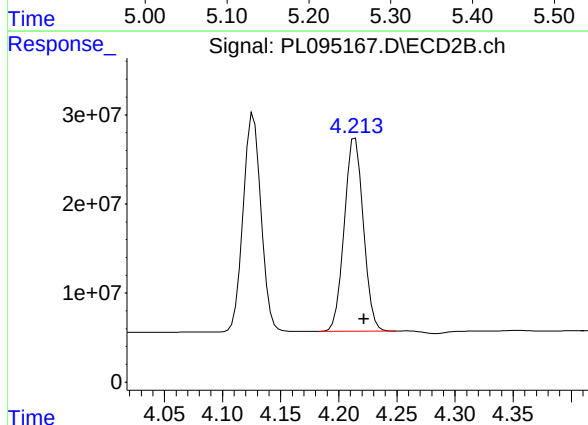
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.006 min
Response: 163250339
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

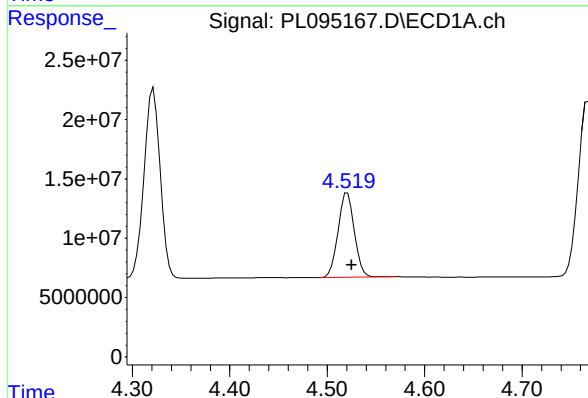
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



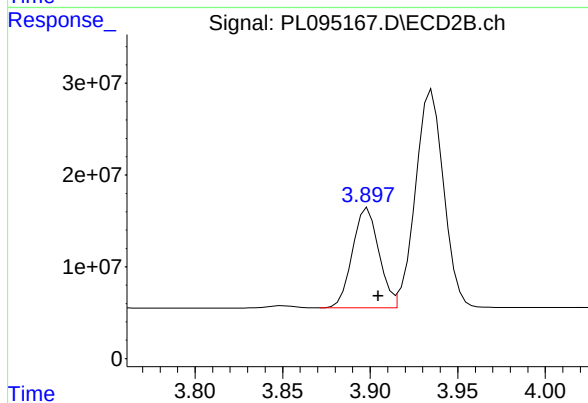
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 246613330
Conc: 50.57 ng/ml



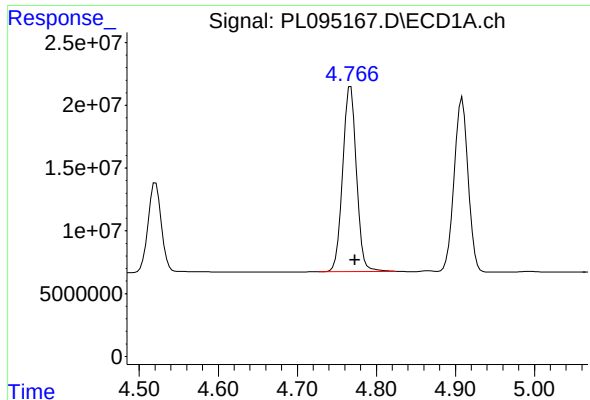
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.005 min
Response: 82899375
Conc: 44.93 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 114361504
Conc: 51.48 ng/ml



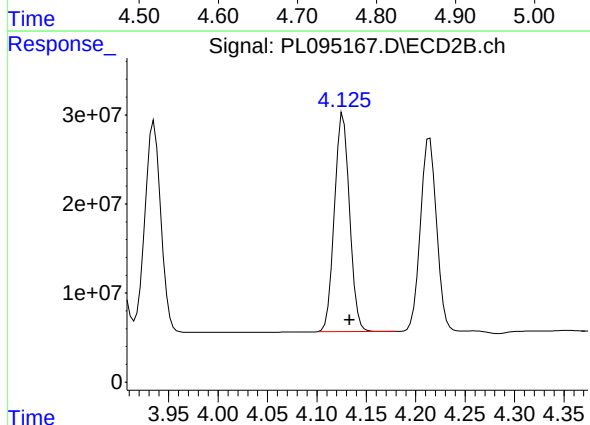
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: -0.007 min
Response: 179053061
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

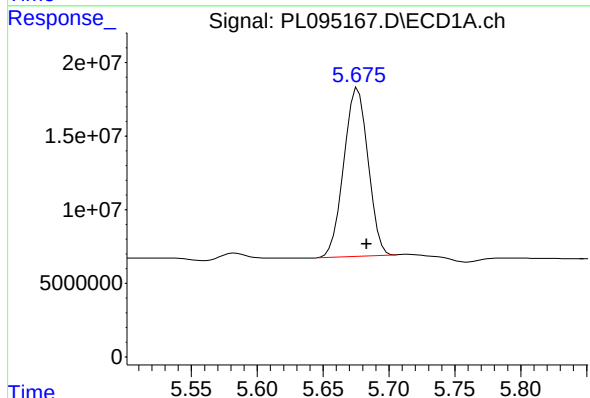
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



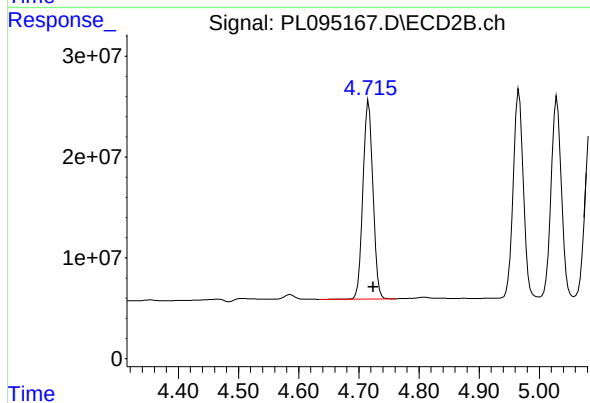
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.007 min
Response: 260391107
Conc: 52.06 ng/ml



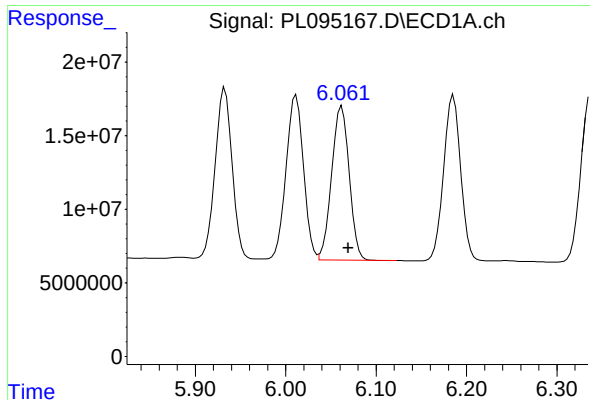
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 146378974
Conc: 43.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.008 min
Response: 227860262
Conc: 49.77 ng/ml



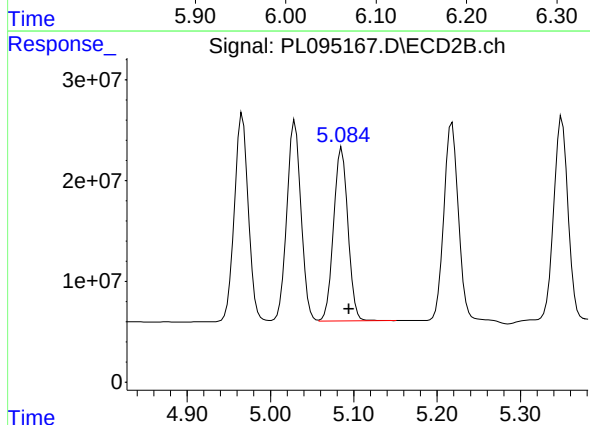
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 140622914
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

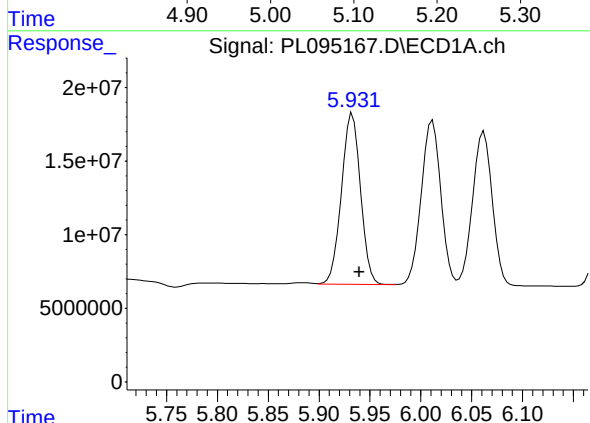
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



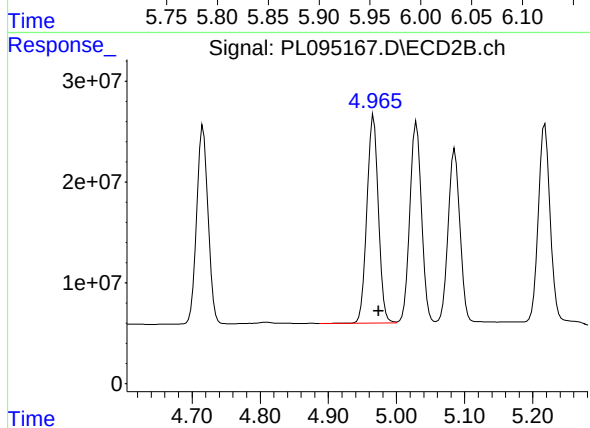
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 206867023
Conc: 47.14 ng/ml



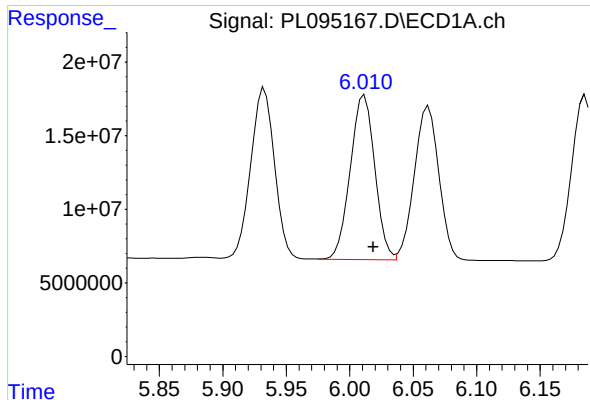
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 151339404
Conc: 44.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.008 min
Response: 239980643
Conc: 49.70 ng/ml



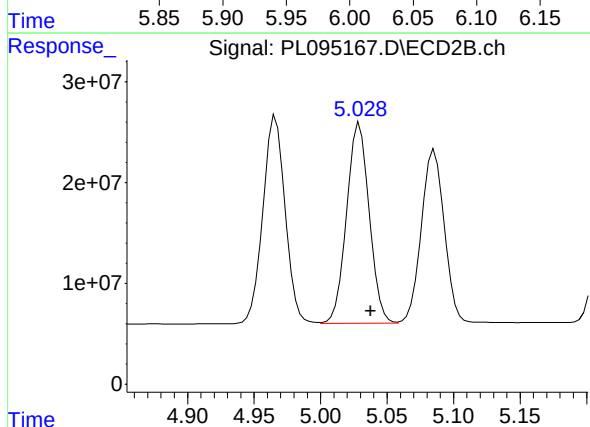
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.007 min
Response: 149965128
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

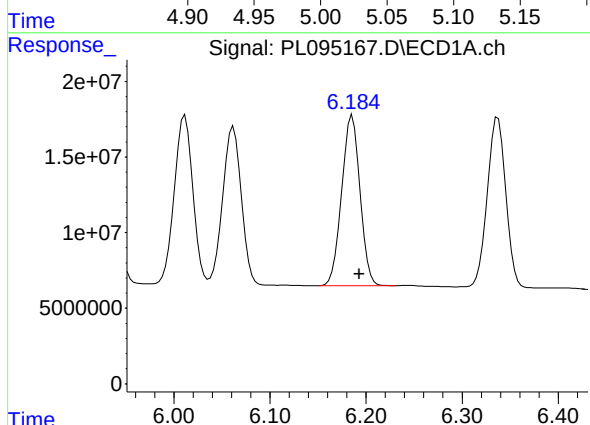
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



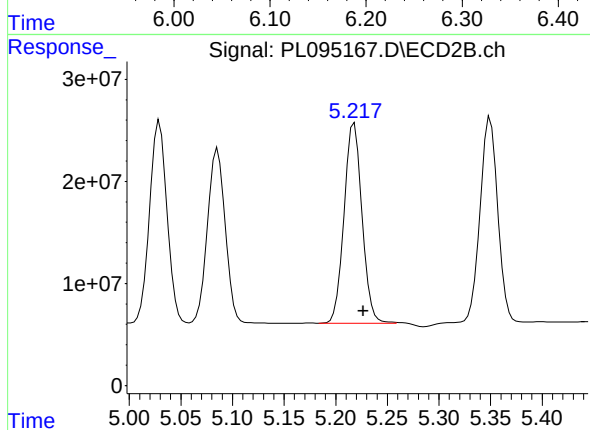
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 235625083
Conc: 49.37 ng/ml



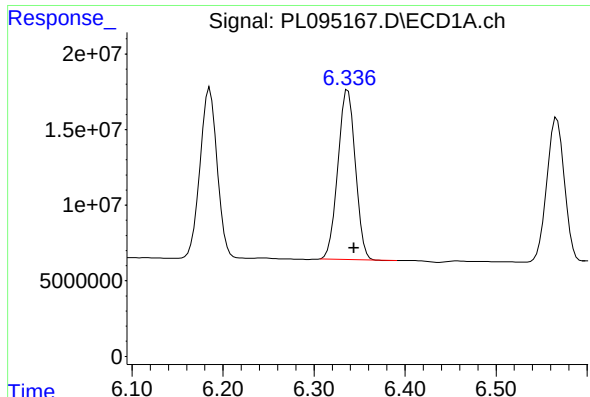
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 148065136
Conc: 50.33 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.010 min
Response: 237452071
Conc: 51.08 ng/ml m



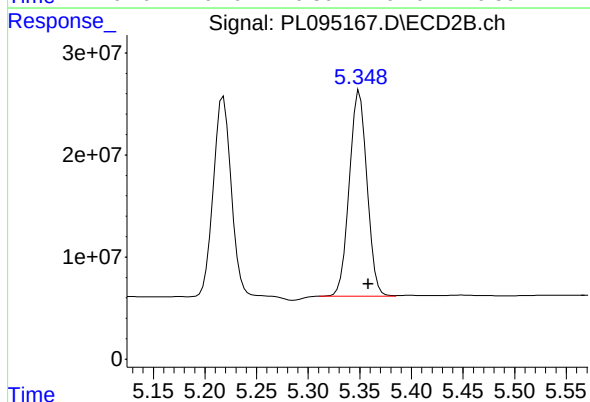
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.007 min
Response: 149764571
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

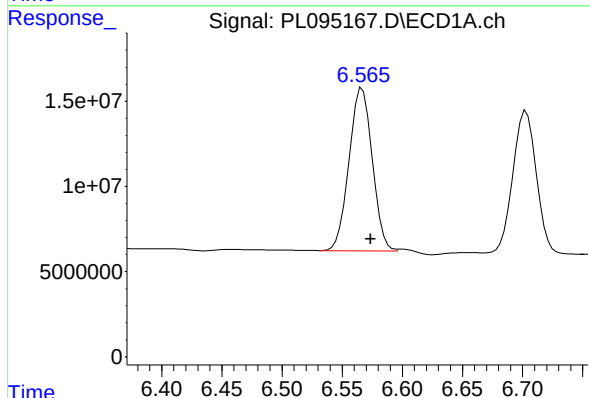
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



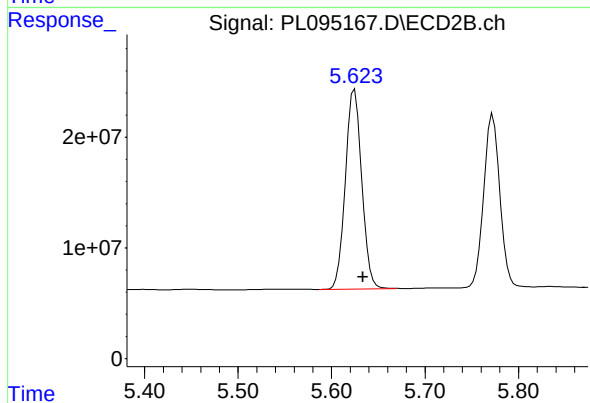
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.010 min
Response: 240272709
Conc: 49.52 ng/ml m



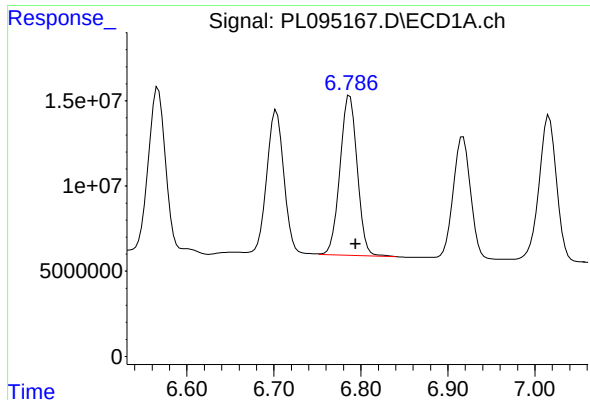
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 128812594
Conc: 46.47 ng/ml m



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.010 min
Response: 220033459
Conc: 50.42 ng/ml m



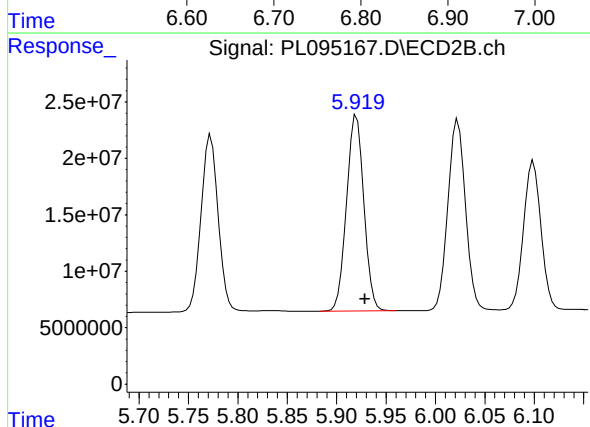
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: -0.007 min
Response: 129677543
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

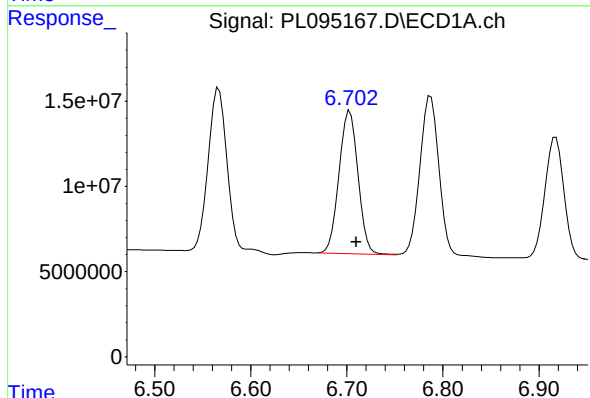
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



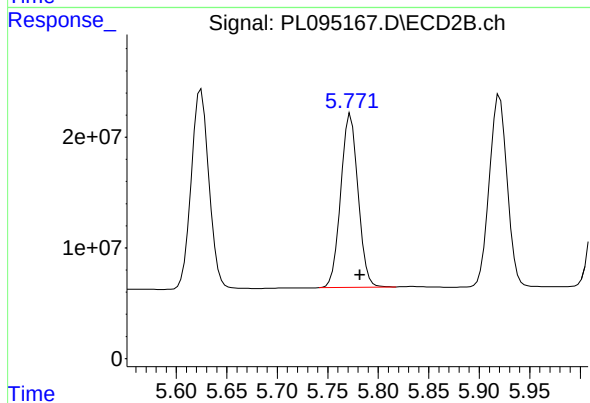
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.010 min
Response: 211980827
Conc: 48.98 ng/ml m



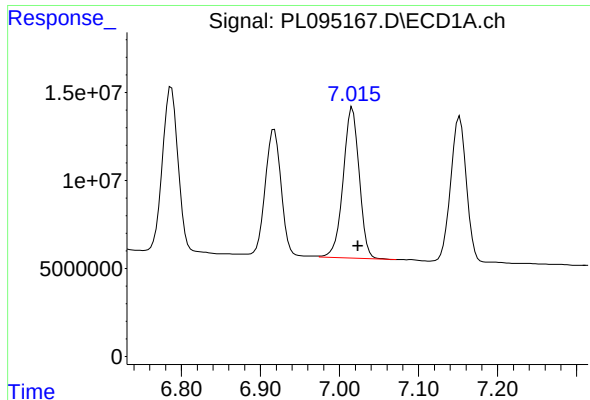
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 113900157
Conc: 52.58 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 187447315
Conc: 52.13 ng/ml



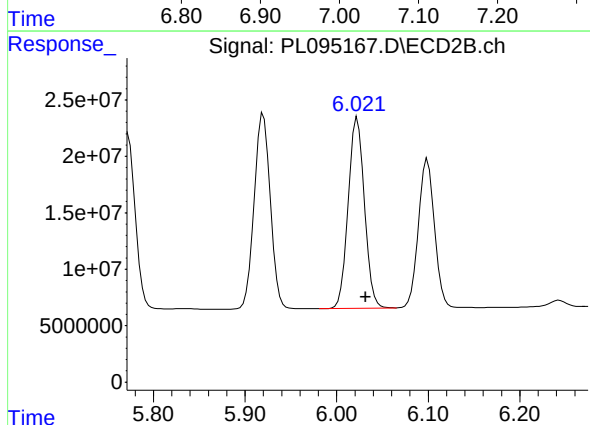
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.007 min
Response: 120248502
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

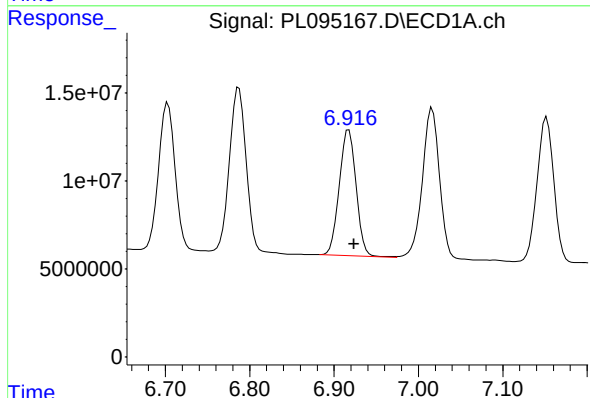
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



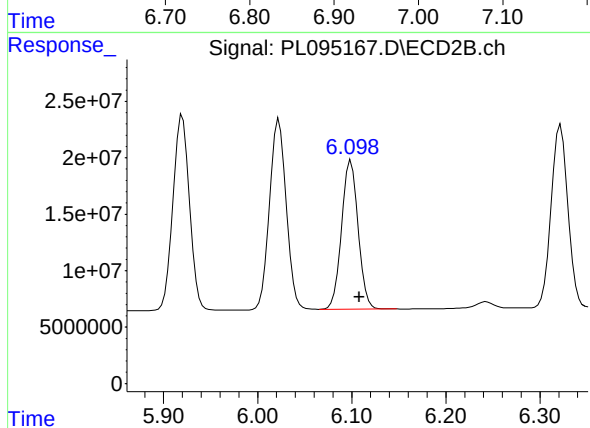
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 209699443
Conc: 52.01 ng/ml



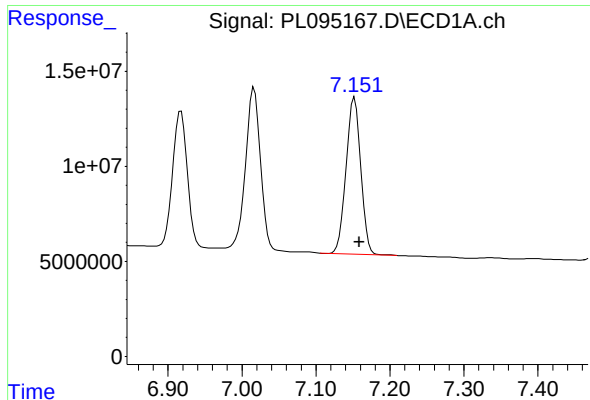
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 98873567
Conc: 46.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.009 min
Response: 161653438
Conc: 48.03 ng/ml



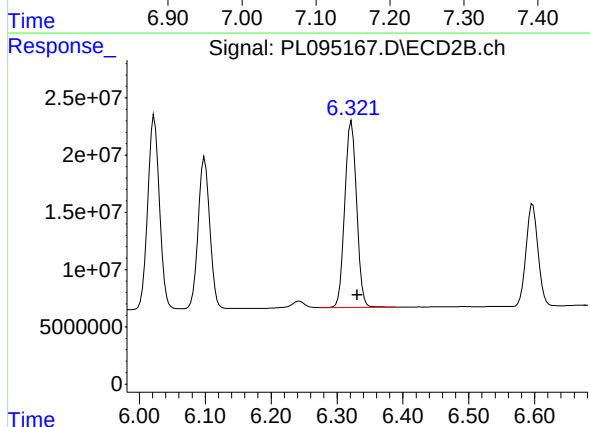
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: -0.007 min
Response: 113925670
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

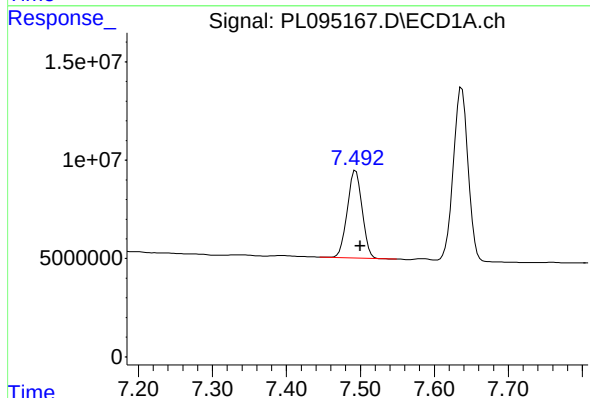
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



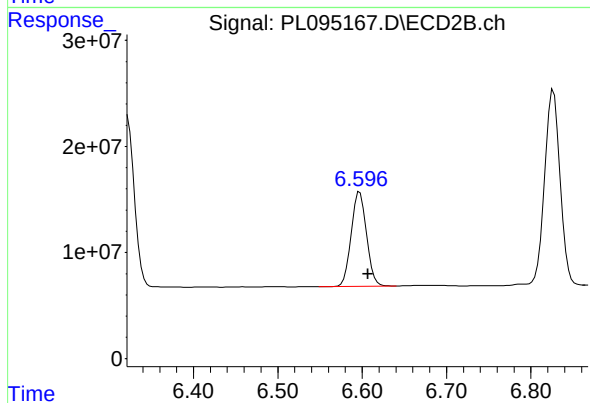
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 202901514
Conc: 49.81 ng/ml



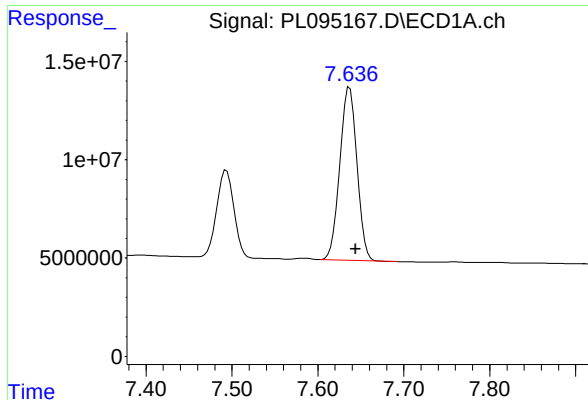
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 61642416
Conc: 51.49 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: -0.010 min
Response: 112377230
Conc: 52.98 ng/ml



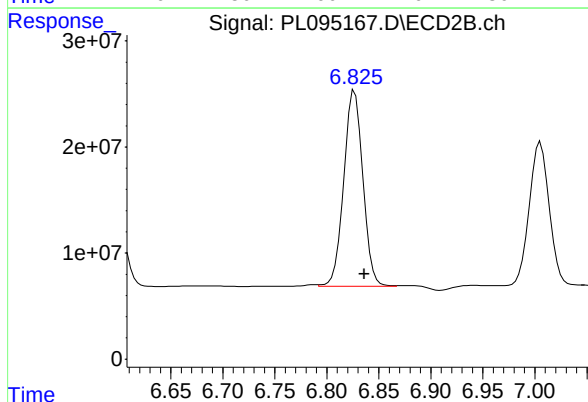
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 121878528
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

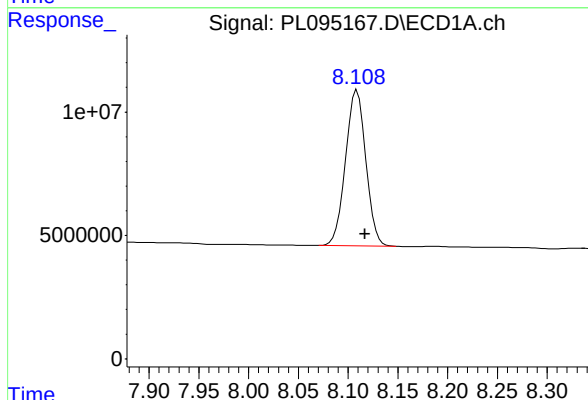
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



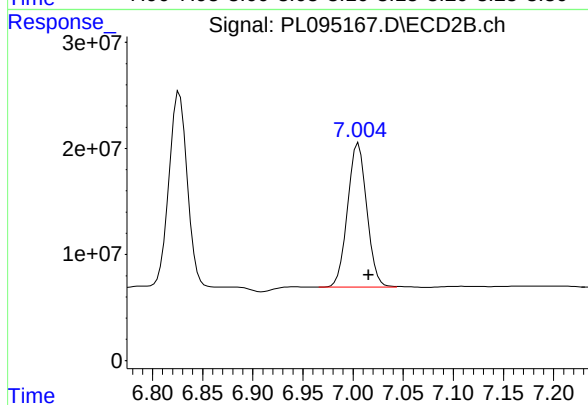
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.011 min
Response: 236222429
Conc: 49.50 ng/ml m



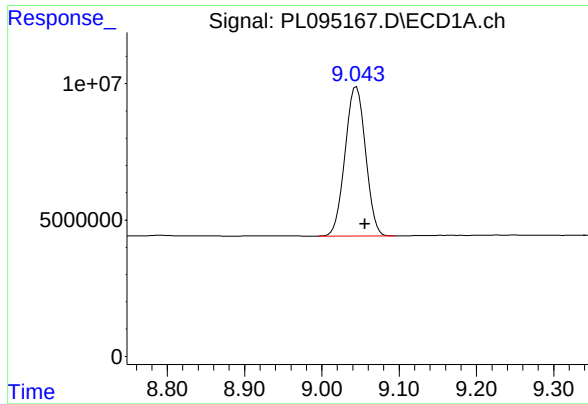
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 89840057
Conc: 43.48 ng/ml m



#22 Mirex

R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 180958463
Conc: 47.68 ng/ml m



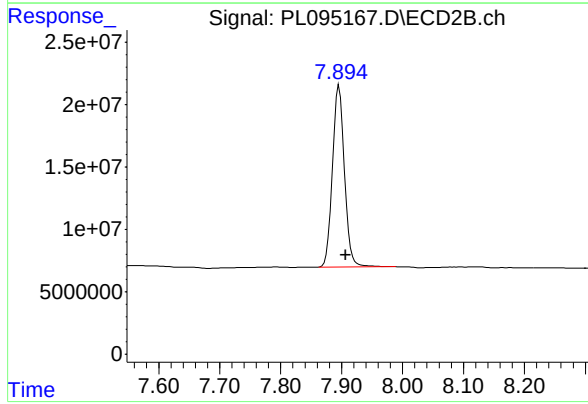
#28 Decachlorobiphenyl

R.T.: 9.045 min
Delta R.T.: -0.011 min
Response: 100227342
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: -0.011 min
Response: 199200321
Conc: 49.31 ng/ml