

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
 Data File : PL096341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 15:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/14/2025
 Supervised By : mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:49:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.827	195.8E6	263.6E6	53.664	45.671
28)	SA Decachlor...	9.018	7.994	152.5E6	243.3E6	54.219	48.782
Target Compounds							
2)	A alpha-BHC	3.984	3.333	284.8E6	395.8E6	55.374	46.933
3)	MA gamma-BHC...	4.312	3.665	275.6E6	368.3E6	55.354	46.768
4)	MA Heptachlor	4.905	4.015	257.8E6	362.8E6	56.266	47.687
5)	MB Aldrin	5.245	4.298	263.6E6	344.7E6	54.543	47.246
6)	B beta-BHC	4.498	3.961	112.8E6	156.8E6	54.267	45.793
7)	B delta-BHC	4.744	4.195	241.8E6	359.1E6	53.958	46.627
8)	B Heptachlo...	5.664	4.800	240.5E6	311.2E6	57.970	46.548
9)	A Endosulfan I	6.045	5.171	219.9E6	293.2E6	54.458	40.867
10)	B gamma-Chl...	5.918	5.052	237.8E6	328.2E6	53.741	46.750
11)	B alpha-Chl...	5.998	5.116	241.0E6	325.0E6	55.039	43.219
12)	B 4,4'-DDE	6.169	5.305	202.9E6	305.5E6	54.725	47.258
13)	MA Dieldrin	6.318	5.434	227.2E6	322.3E6	53.721	47.264m
14)	MA Endrin	6.544	5.710	182.1E6	288.7E6	58.535	47.347
15)	B Endosulfa...	6.755	6.002	201.0E6	277.3E6	57.926m	47.291
16)	A 4,4'-DDD	6.677	5.858	165.3E6	255.8E6	56.769	49.881
17)	MA 4,4'-DDT	6.991	6.110	174.5E6	273.0E6	57.484	47.593
18)	B Endrin al...	6.884	6.180	133.5E6	208.7E6	59.736m	46.842
19)	B Endosulfa...	7.119	6.404	168.7E6	265.1E6	55.143	47.136
20)	A Methoxychlor	7.463	6.683	88280219	145.6E6	56.037	47.915
21)	B Endrin ke...	7.599	6.908	179.9E6	315.3E6	54.482	50.434
22)	Mirex	8.078	7.099	151.3E6	236.6E6	54.368	47.630

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

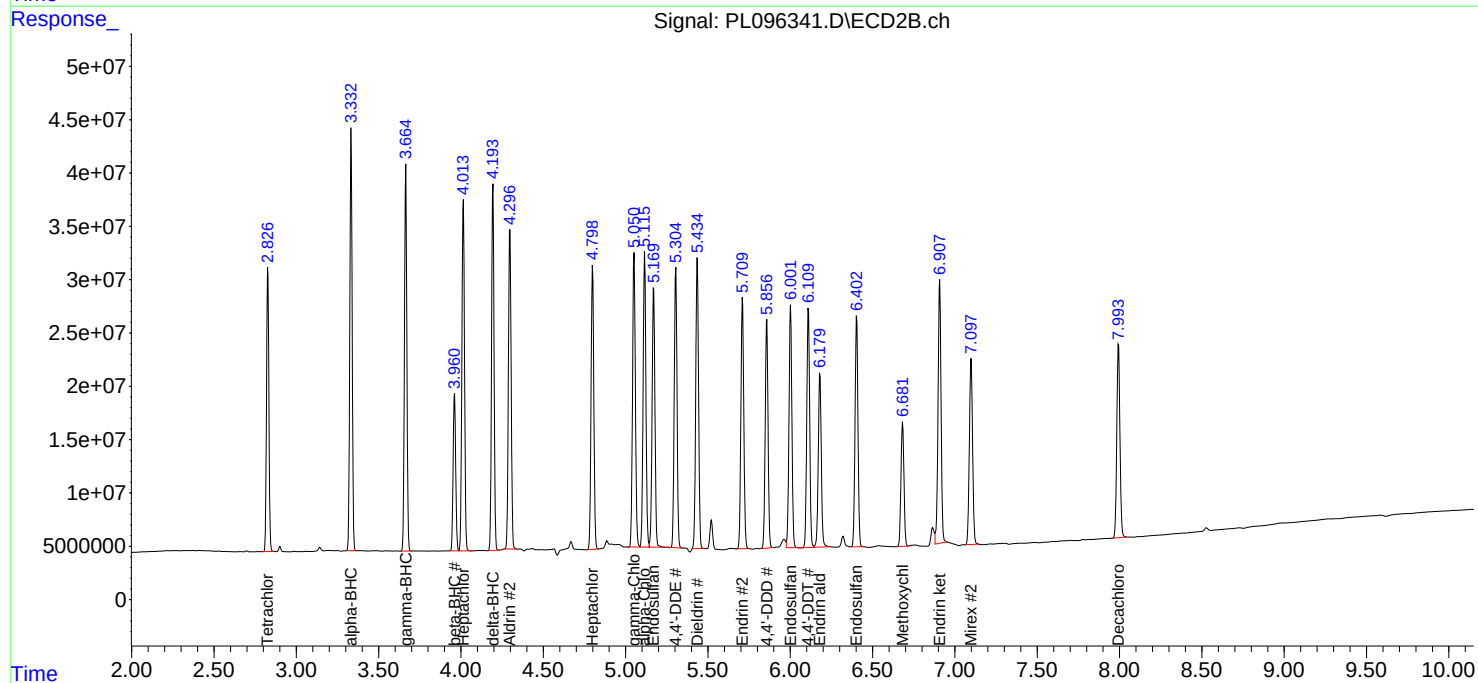
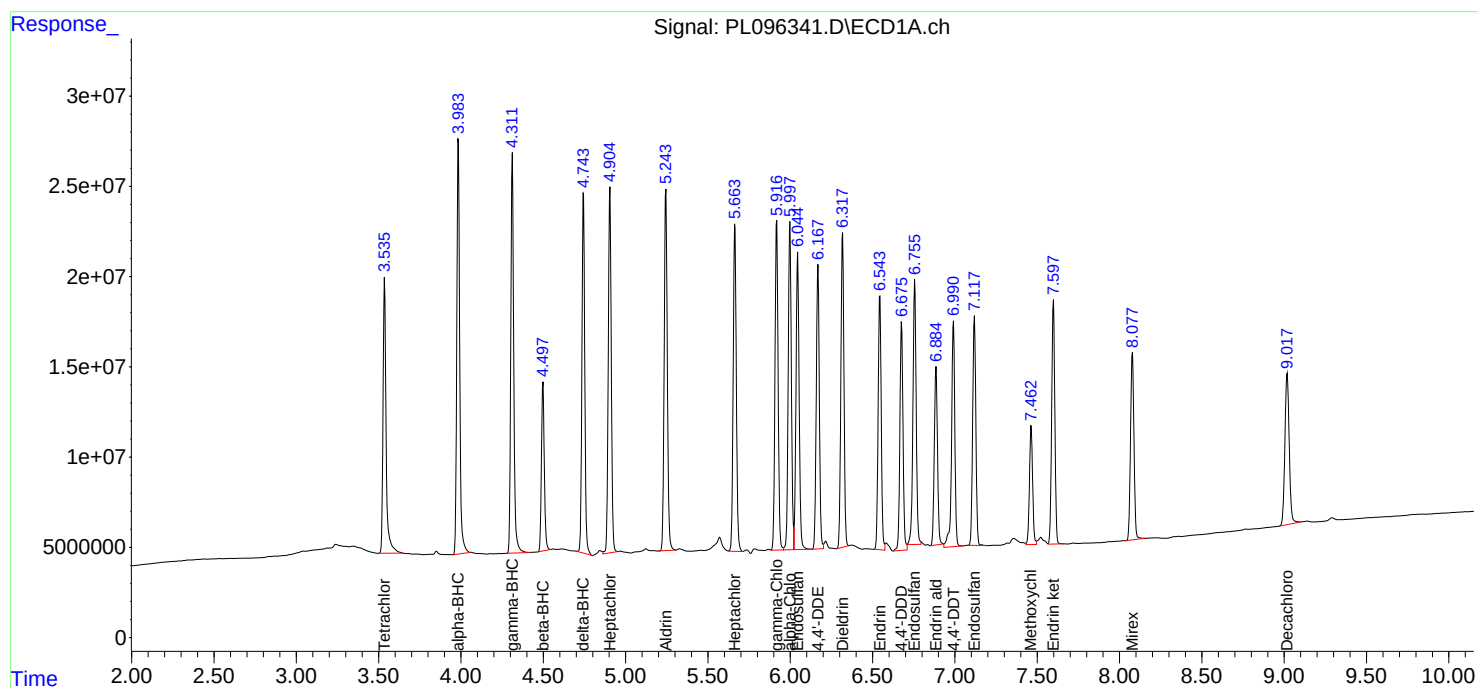
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

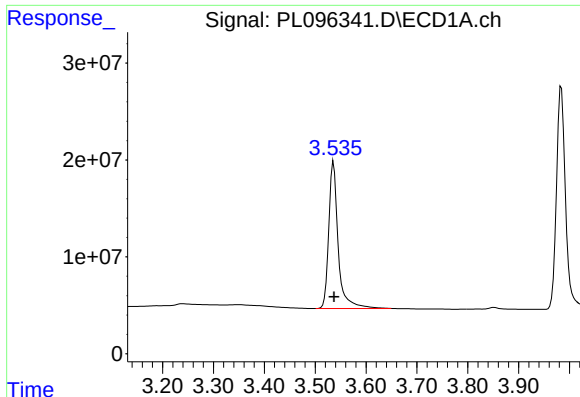
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





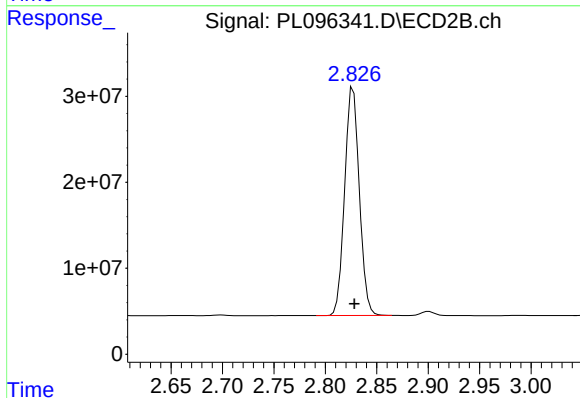
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 195819204
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

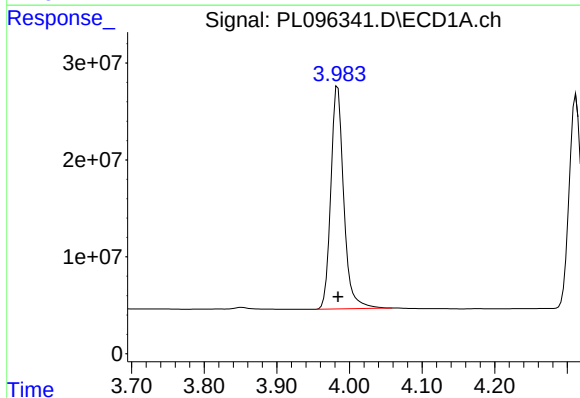
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



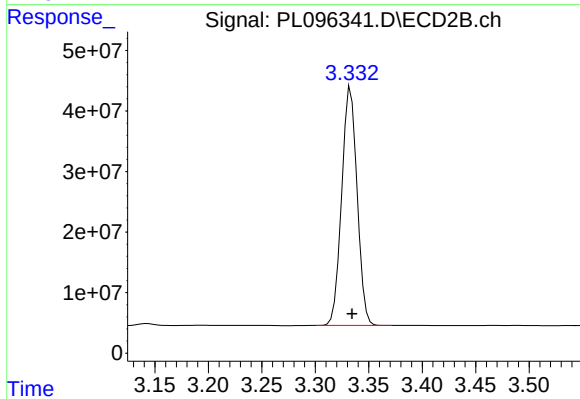
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 263575162
Conc: 45.67 ng/ml



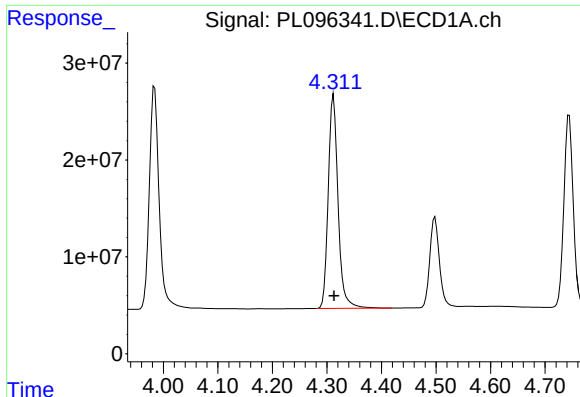
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 284798062
Conc: 55.37 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 395848709
Conc: 46.93 ng/ml



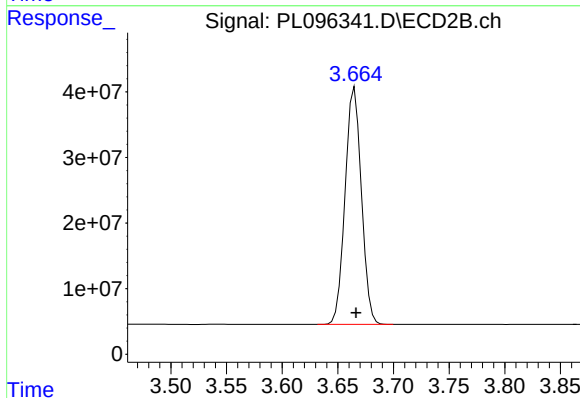
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 275643487
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

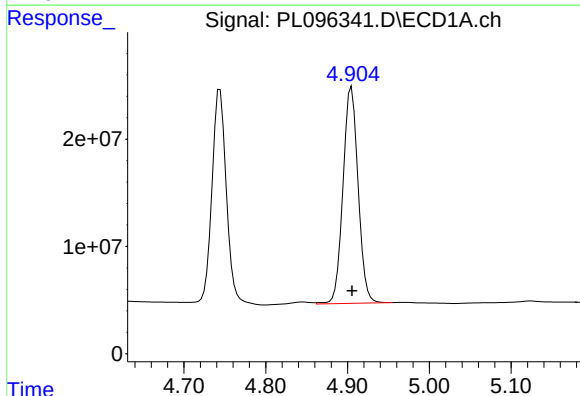
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



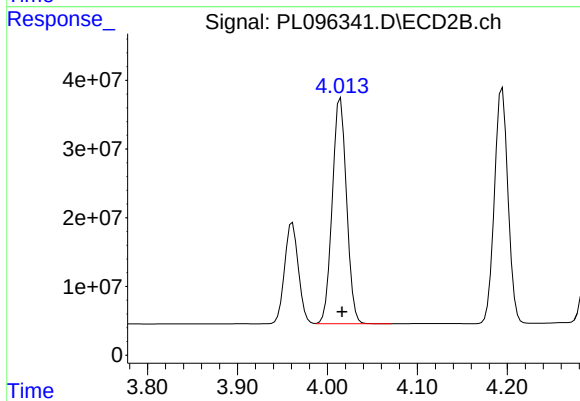
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 368338824
Conc: 46.77 ng/ml



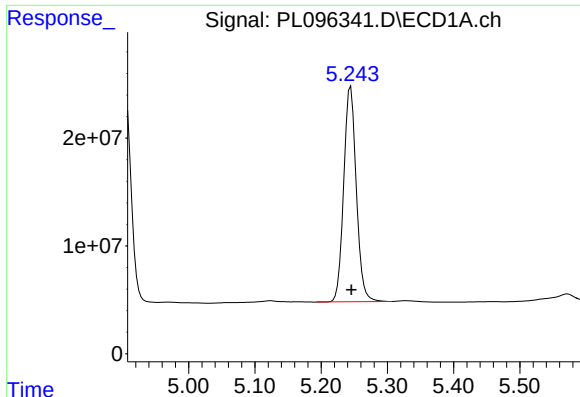
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 257767233
Conc: 56.27 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 362788716
Conc: 47.69 ng/ml



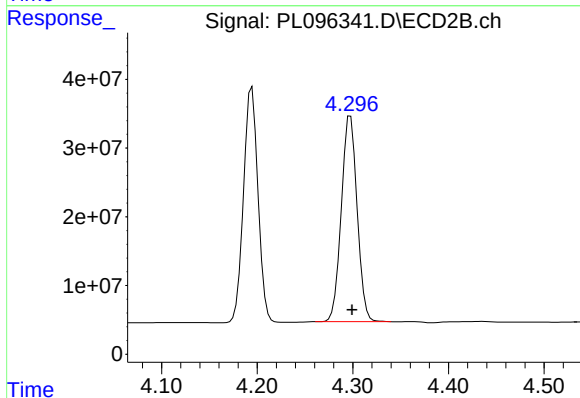
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: -0.001 min
Response: 263647072
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

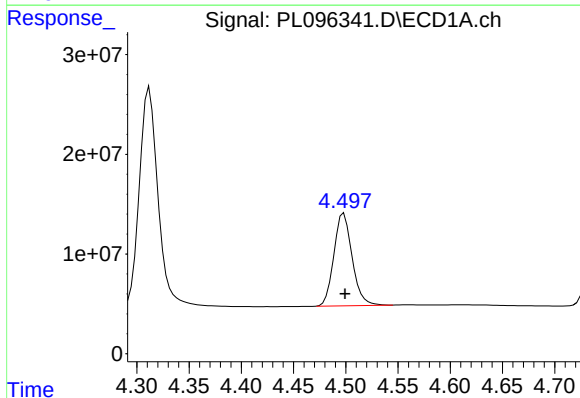
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



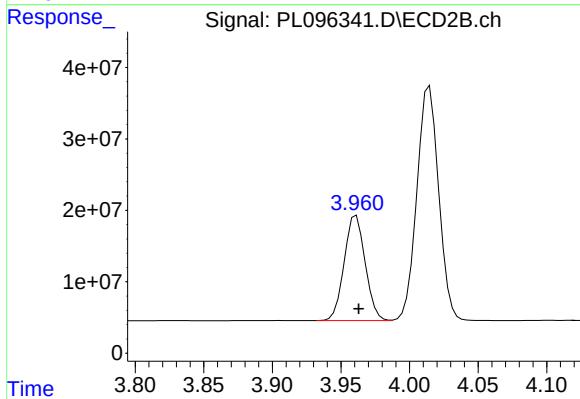
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 344687561
Conc: 47.25 ng/ml



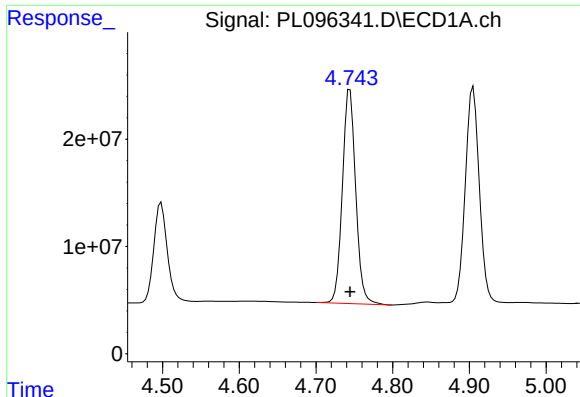
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 112810568
Conc: 54.27 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 156792360
Conc: 45.79 ng/ml



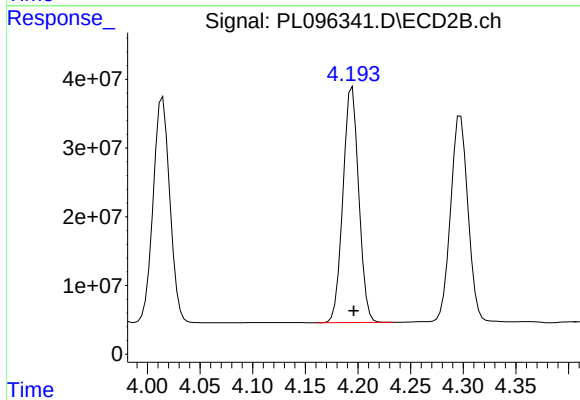
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 241805482
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

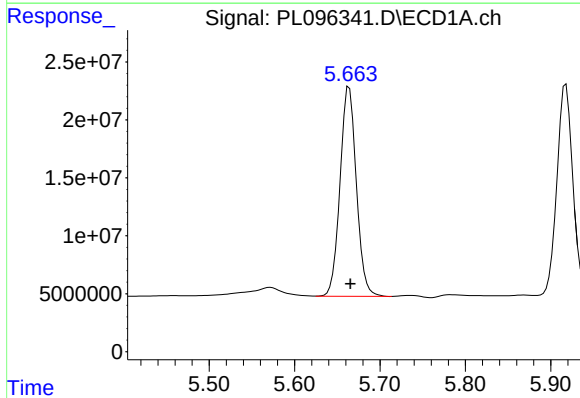
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



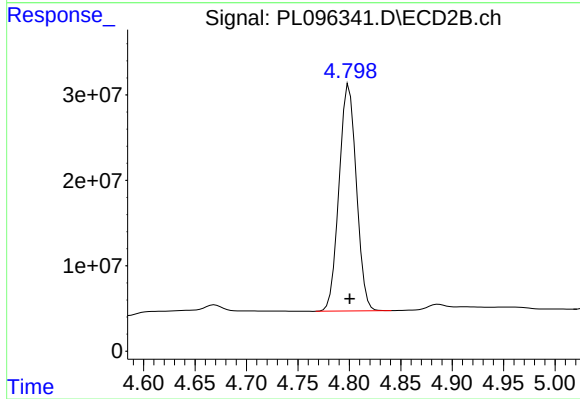
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 359116772
Conc: 46.63 ng/ml



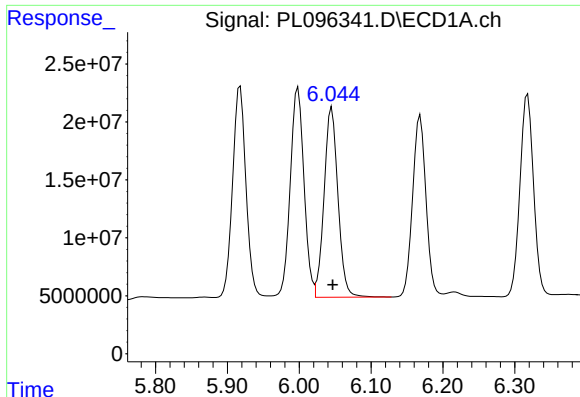
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 240526636
Conc: 57.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 311171894
Conc: 46.55 ng/ml



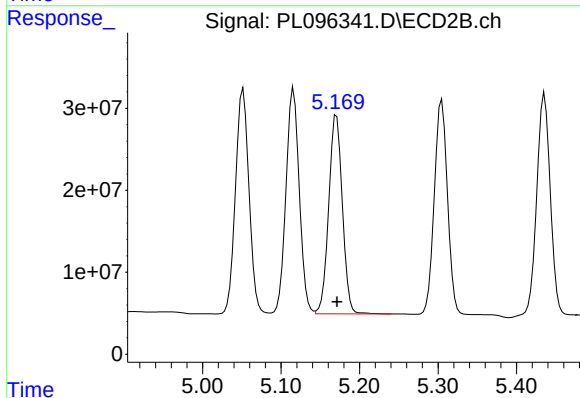
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 219859246
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

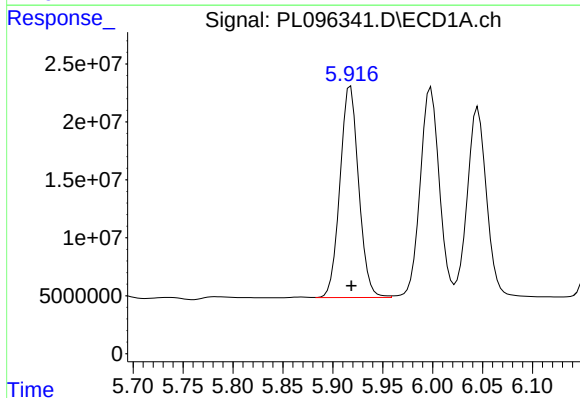
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



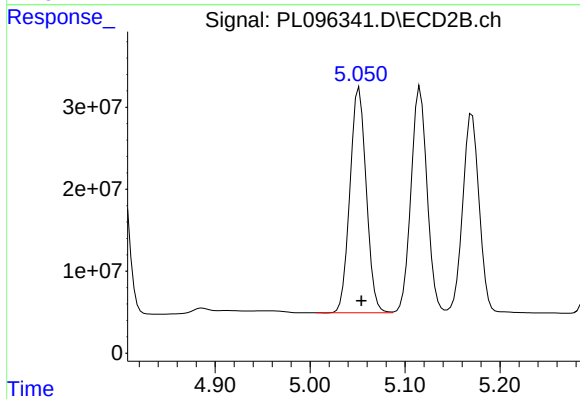
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 293189203
Conc: 40.87 ng/ml



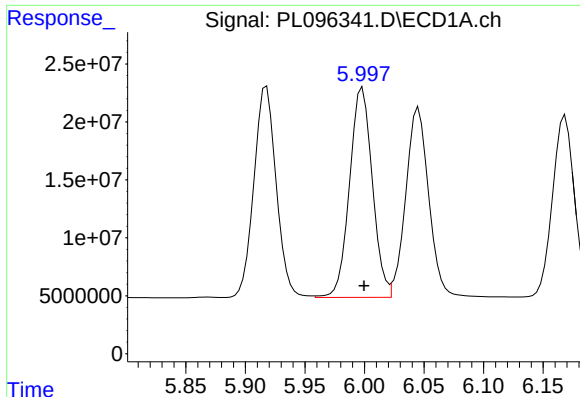
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 237791871
Conc: 53.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 328171624
Conc: 46.75 ng/ml



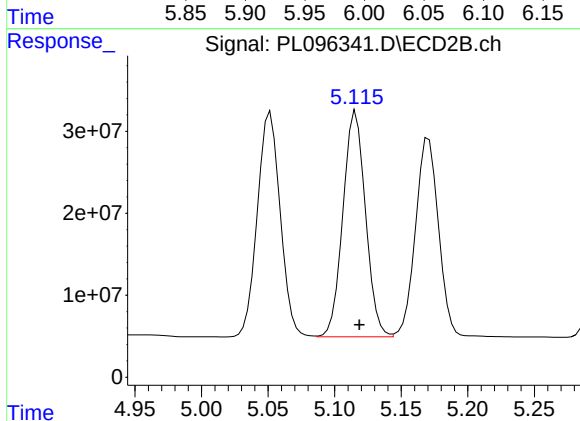
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 241009951
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

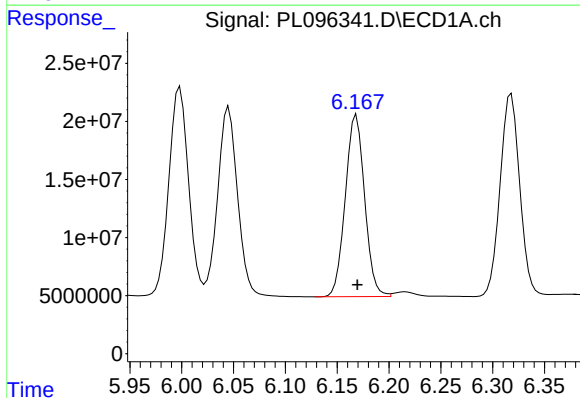
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



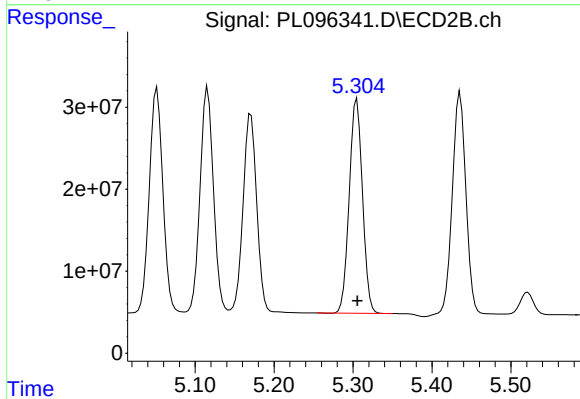
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 325014789
Conc: 43.22 ng/ml



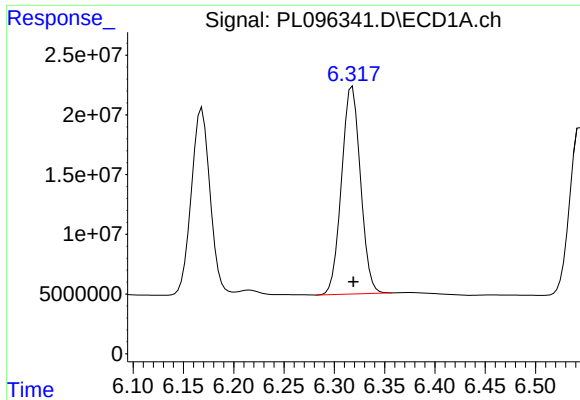
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: -0.001 min
Response: 202890787
Conc: 54.72 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 305463163
Conc: 47.26 ng/ml



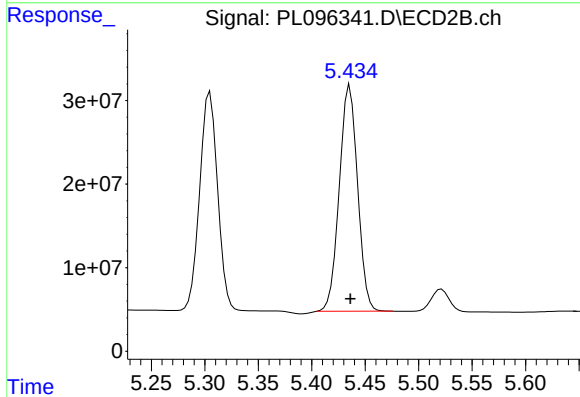
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 227152439
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

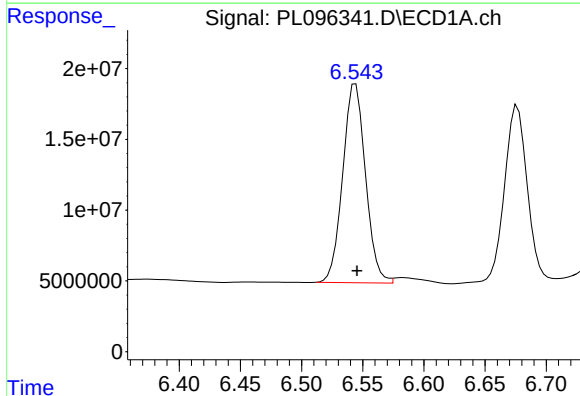
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



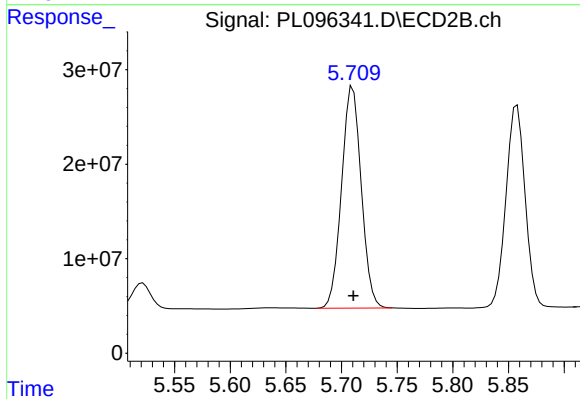
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 322302512
Conc: 47.26 ng/ml m



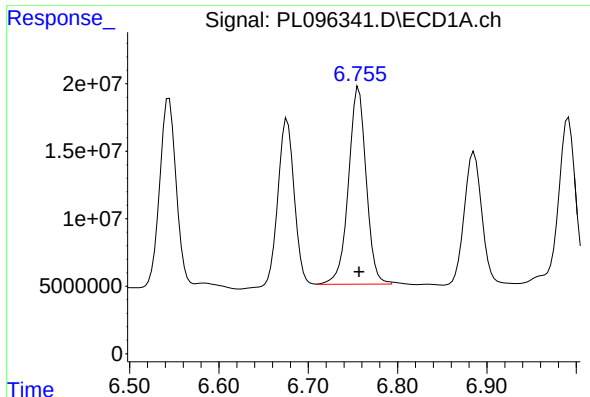
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 182056608
Conc: 58.54 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 288651042
Conc: 47.35 ng/ml



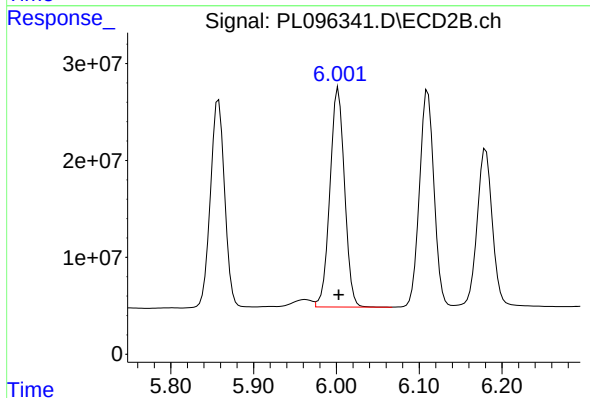
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 201005622
Conc: 57.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

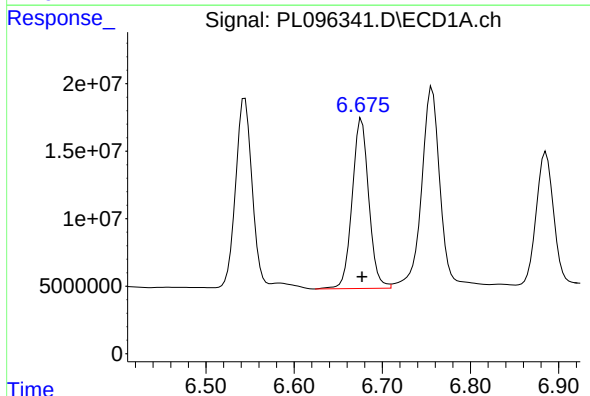
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



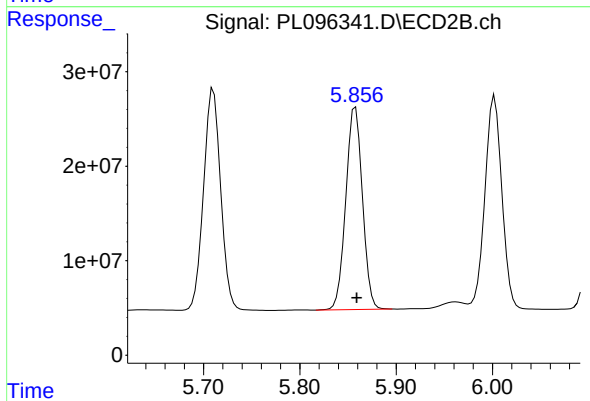
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 277307446
Conc: 47.29 ng/ml



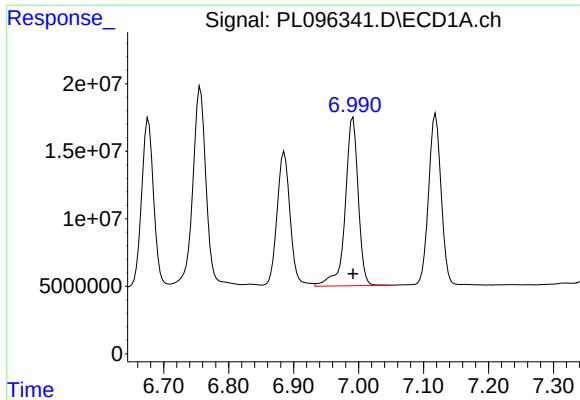
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 165293893
Conc: 56.77 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 255825509
Conc: 49.88 ng/ml



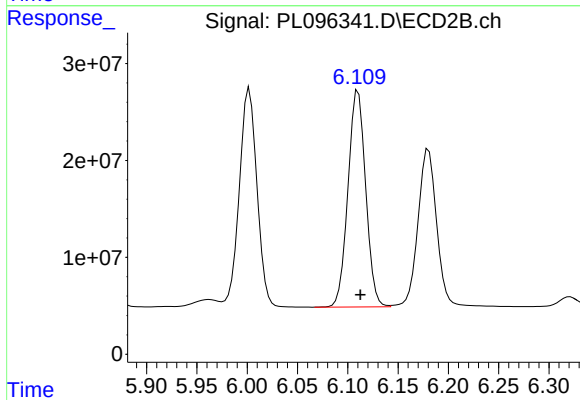
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 174475819
Conc: 57.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

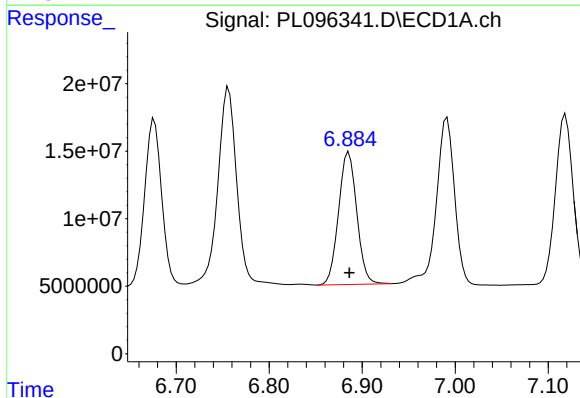
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



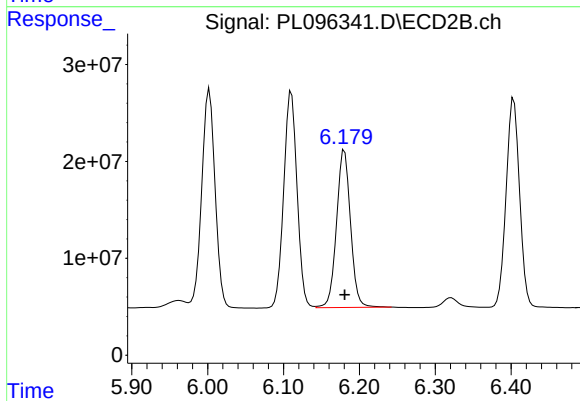
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 272950536
Conc: 47.59 ng/ml



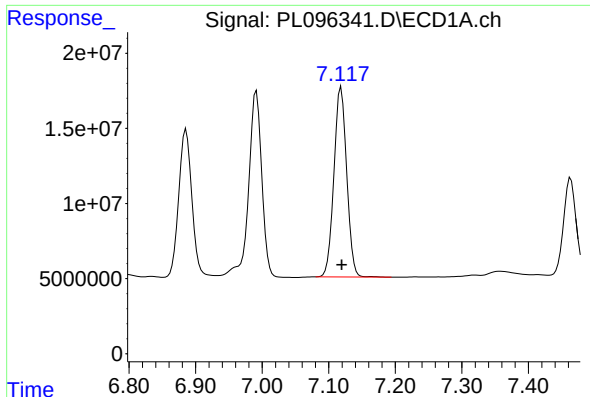
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 133542447
Conc: 59.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 208663605
Conc: 46.84 ng/ml



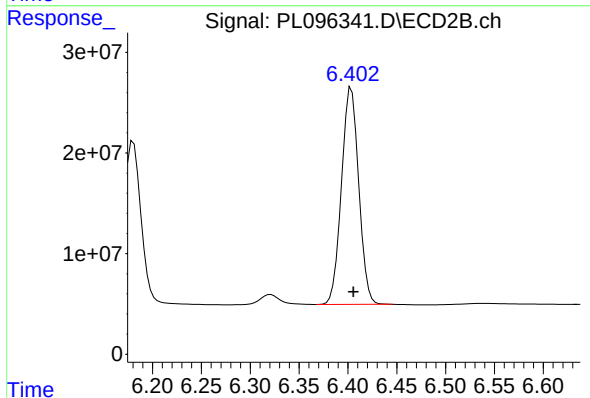
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 168674165
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

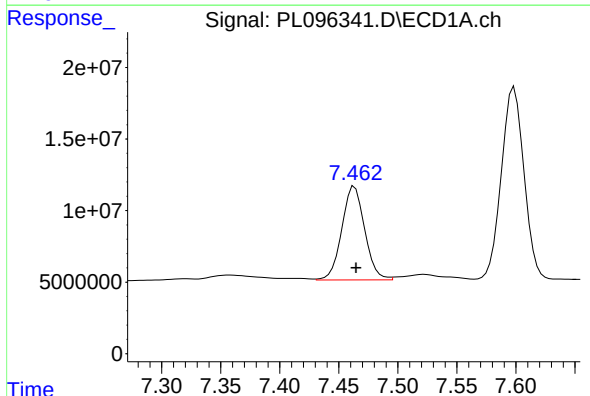
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



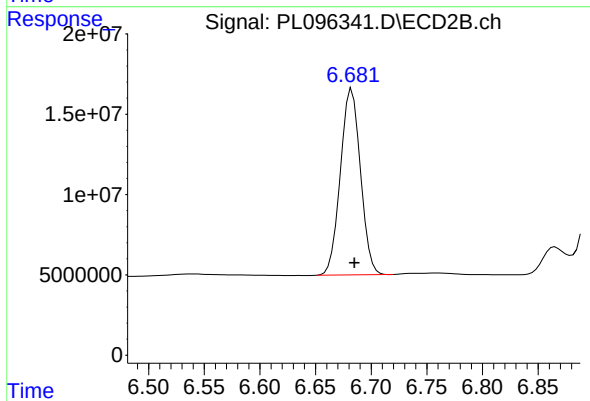
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 265112354
Conc: 47.14 ng/ml



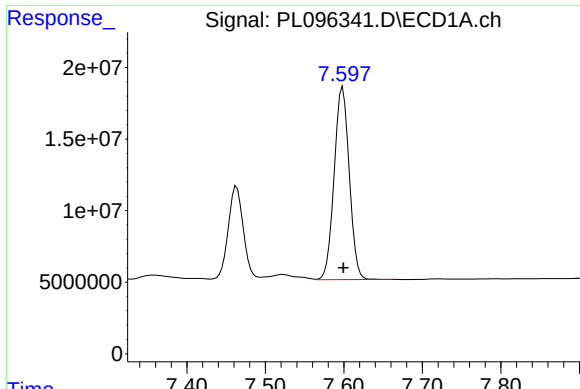
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 88280219
Conc: 56.04 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 145553606
Conc: 47.91 ng/ml



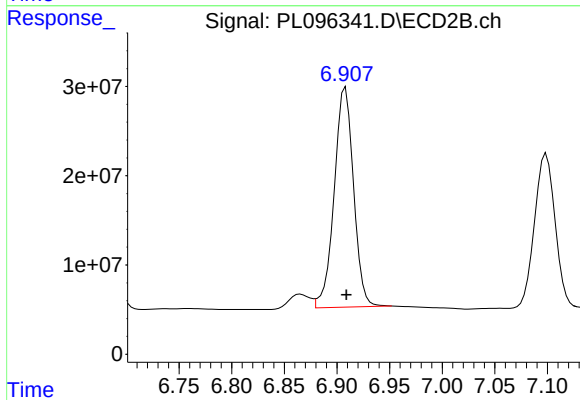
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 179879941
Conc: 54.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

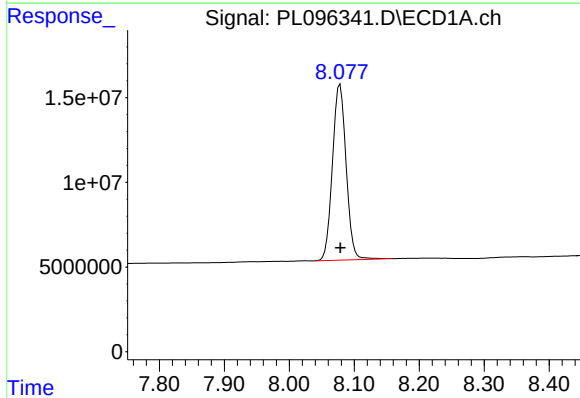
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



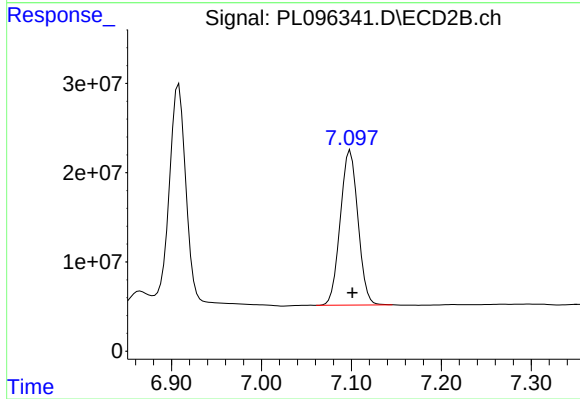
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 315323978
Conc: 50.43 ng/ml



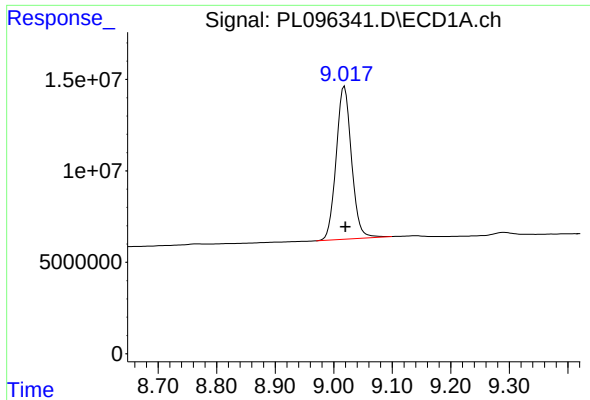
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 151264125
Conc: 54.37 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 236635189
Conc: 47.63 ng/ml



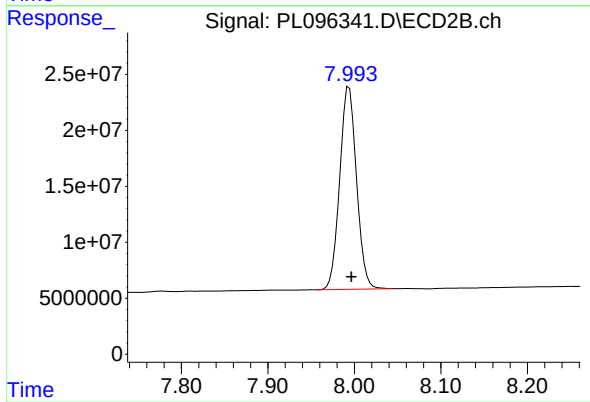
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 152521525
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 243252554
Conc: 48.78 ng/ml