

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 10:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:59:46 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...	3.537	2.825	188.5E6	270.3E6	51.664	46.841
2)	SA Decachlor...	9.026	7.997	142.5E6	233.5E6	50.666	46.832
Target Compounds							
2)	A alpha-BHC	3.985	3.332	275.5E6	399.9E6	53.573	47.409
3)	MA gamma-BHC...	4.314	3.664	256.7E6	368.8E6	51.558	46.833
4)	MA Heptachlor	4.907	4.014	254.4E6	354.6E6	55.523	46.617
5)	MB Aldrin	5.247	4.298	253.4E6	343.3E6	52.414	47.062
6)	B beta-BHC	4.500	3.961	109.4E6	158.0E6	52.618	46.148
7)	B delta-BHC	4.746	4.194	236.3E6	359.8E6	52.725	46.716
8)	B Heptachlo...	5.666	4.800	225.1E6	309.1E6	54.248	46.242
9)	A Endosulfan I	6.049	5.171	205.5E6	291.1E6	50.911	40.583
10)	B gamma-Chl...	5.921	5.053	225.4E6	329.4E6	50.936	46.924
11)	B alpha-Chl...	6.002	5.117	222.8E6	322.6E6	50.883	42.903
12)	B 4,4'-DDE	6.172	5.306	191.4E6	305.4E6	51.613	47.250
13)	MA Dieldrin	6.321	5.437	216.2E6	320.3E6	51.123	46.974
14)	MA Endrin	6.547	5.711	163.1E6	271.5E6	52.430	44.542
15)	B Endosulfa...	6.761	6.002	182.6E6	275.8E6	52.628	47.032m
16)	A 4,4'-DDD	6.681	5.859	154.6E6	257.3E6	53.110	50.175
17)	MA 4,4'-DDT	6.995	6.112	158.1E6	261.9E6	52.086	45.673
18)	B Endrin al...	6.889	6.182	128.5E6	204.1E6	57.498	45.811
19)	B Endosulfa...	7.123	6.405	160.4E6	262.4E6	52.423	46.658
20)	A Methoxychlor	7.468	6.685	89136259	136.0E6	56.580	44.770
21)	B Endrin ke...	7.602	6.910	175.5E6	299.4E6	53.163	47.890
22)	Mirex	8.083	7.101	139.8E6	226.8E6	50.255	45.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 10:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

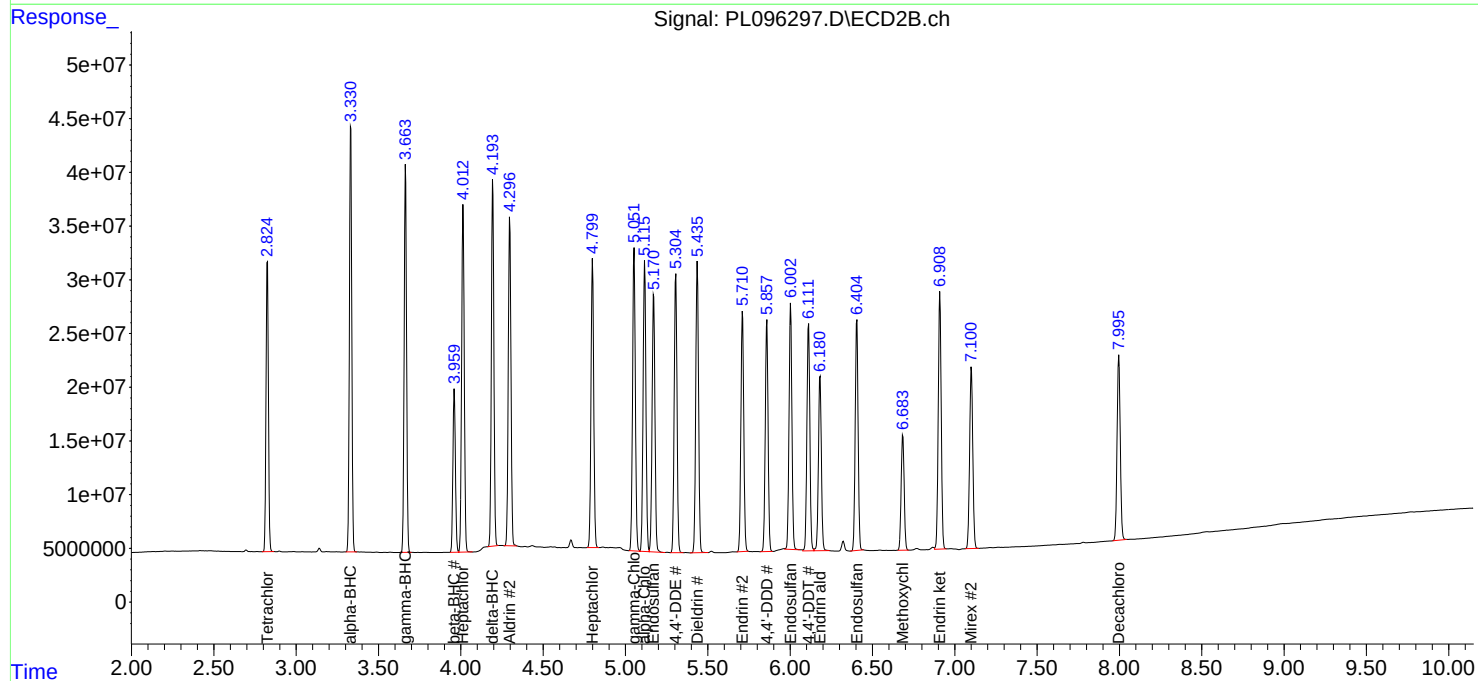
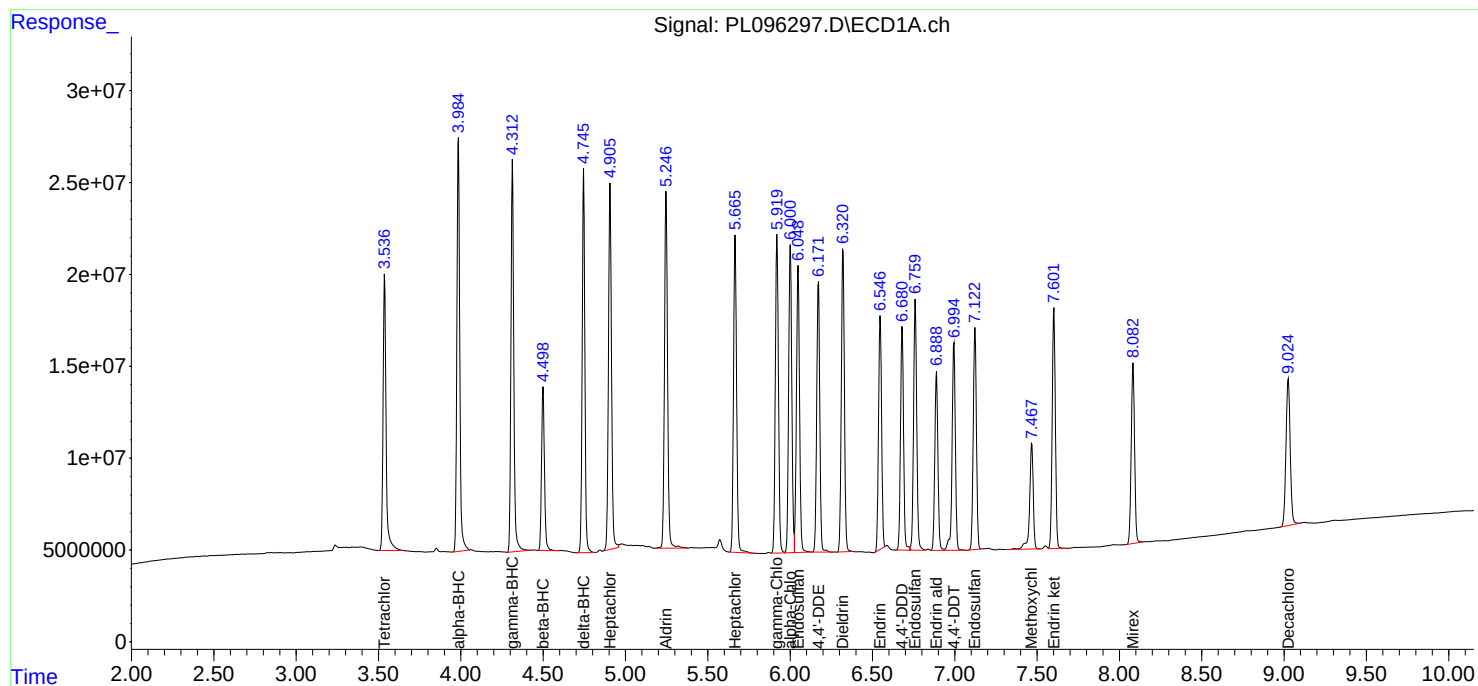
APPROVED

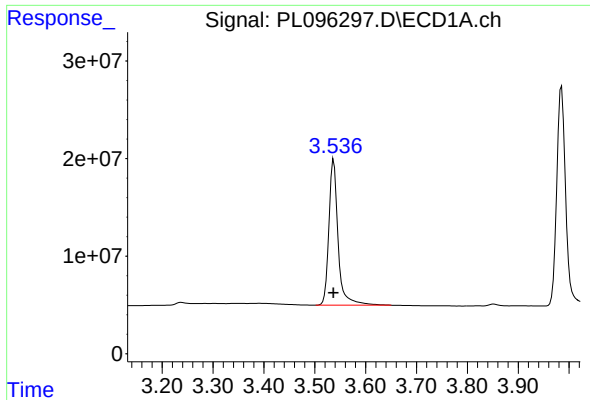
Reviewed By :Abdul Mirza 07/11/2025

Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:59:46 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





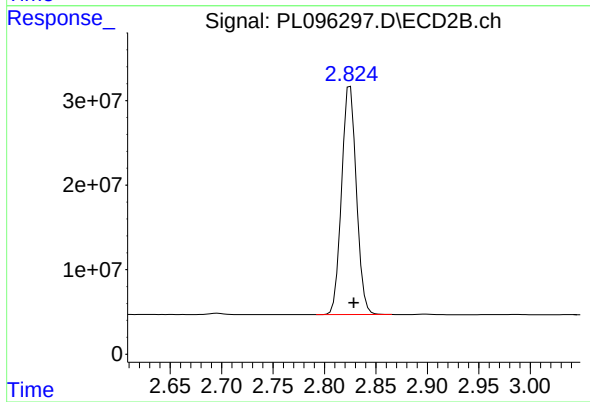
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 188520538
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

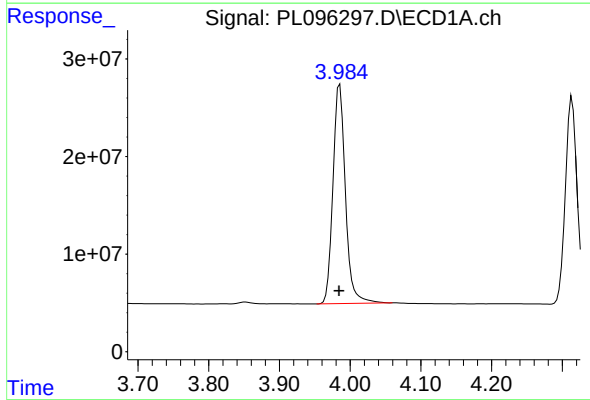
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



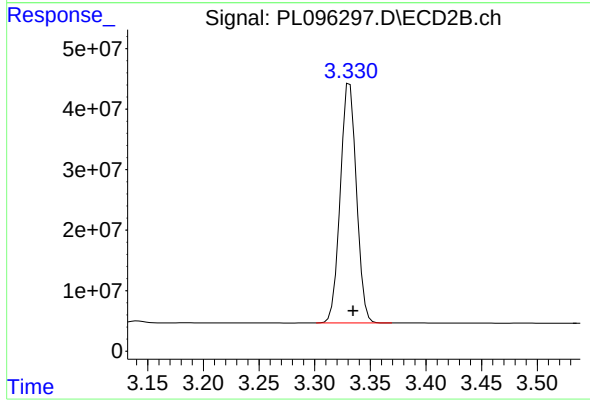
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 270327125
Conc: 46.84 ng/ml



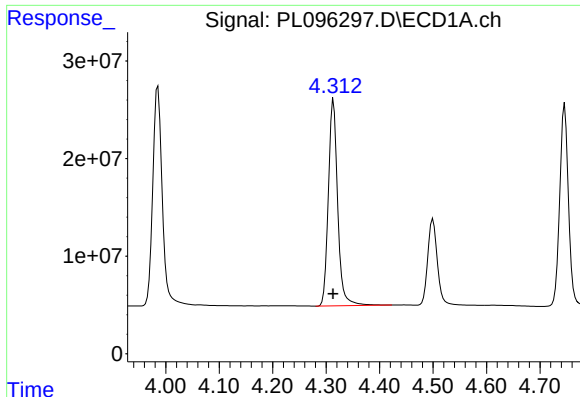
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 275532623
Conc: 53.57 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 399860738
Conc: 47.41 ng/ml



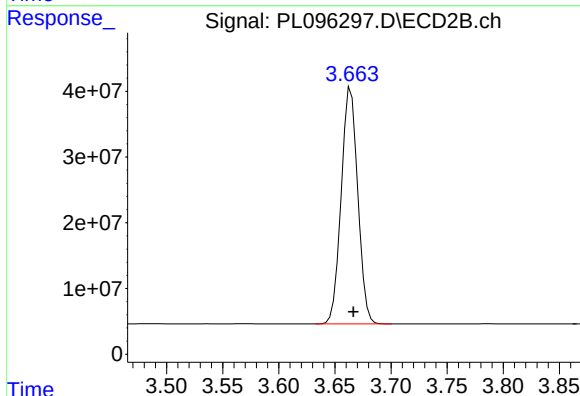
#3 gamma-BHC (Lindane)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 256742443
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

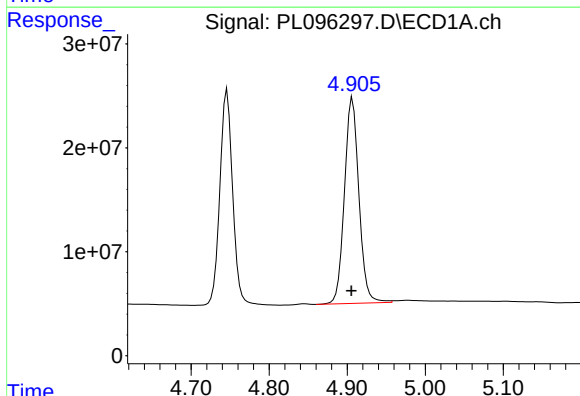
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



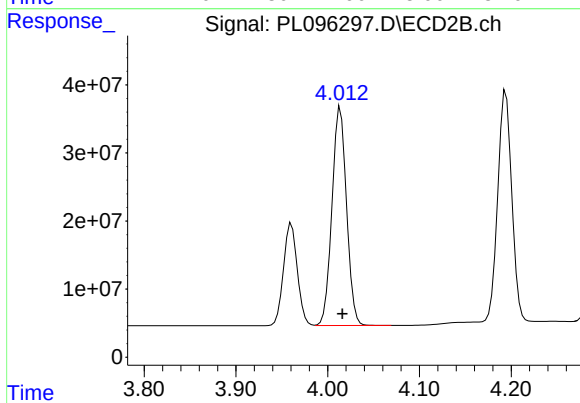
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 368847737
Conc: 46.83 ng/ml



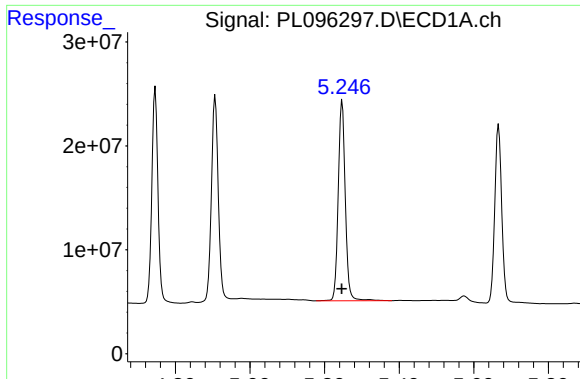
#4 Heptachlor

R.T.: 4.907 min
Delta R.T.: 0.001 min
Response: 254360917
Conc: 55.52 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 354649274
Conc: 46.62 ng/ml



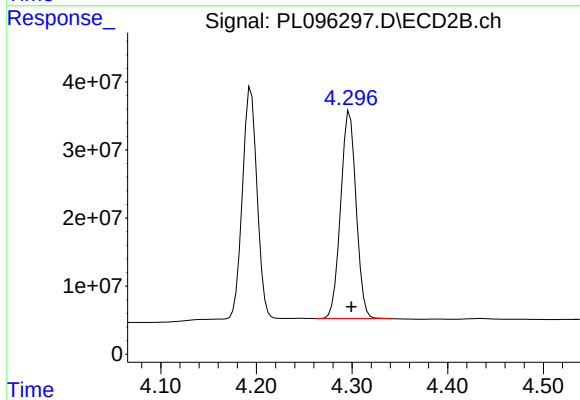
#5 Aldrin

R.T.: 5.247 min
Delta R.T.: 0.001 min
Response: 253354105
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

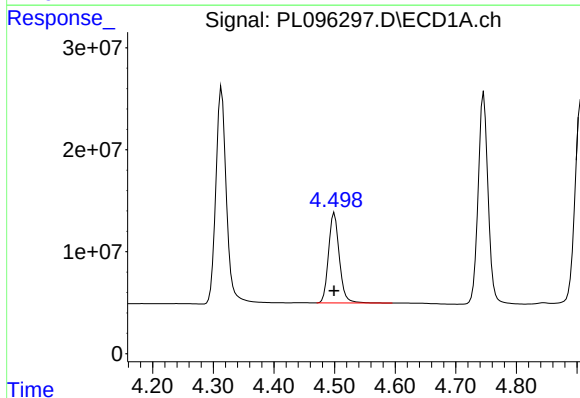
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



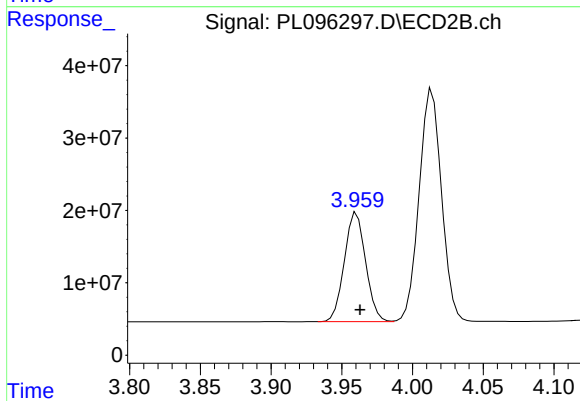
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 343348888
Conc: 47.06 ng/ml



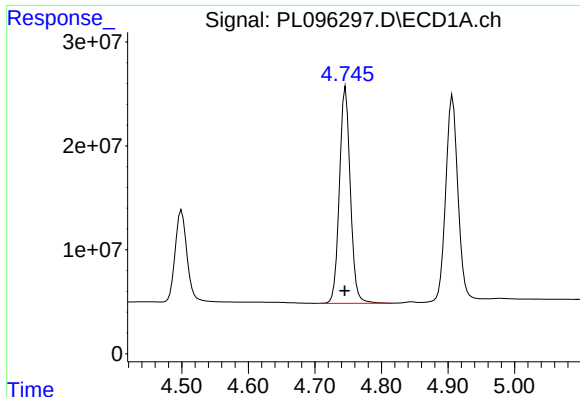
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 109382193
Conc: 52.62 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 158007590
Conc: 46.15 ng/ml



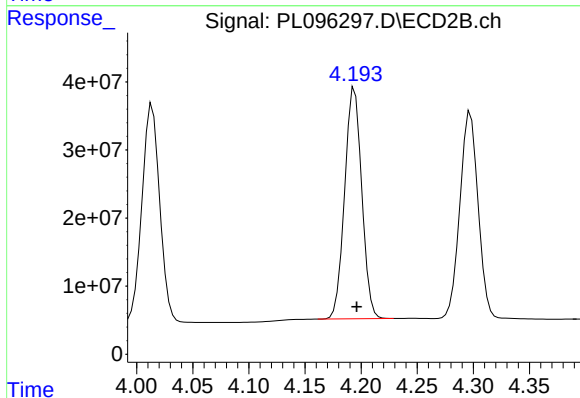
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 236278614
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

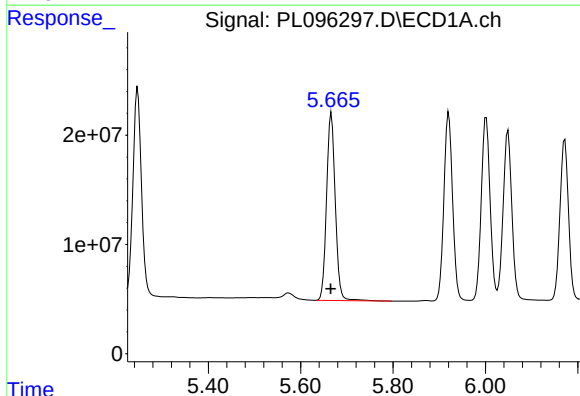
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



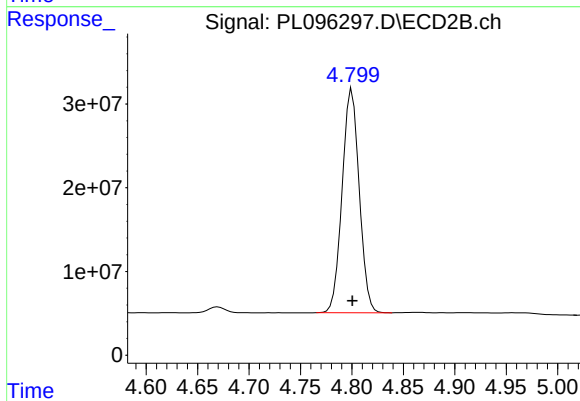
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 359799792
Conc: 46.72 ng/ml



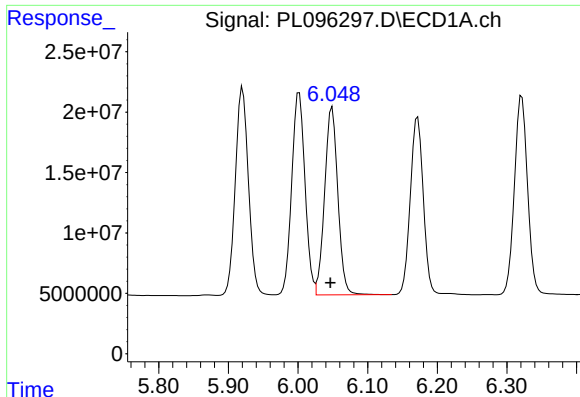
#8 Heptachlor epoxide

R.T.: 5.666 min
Delta R.T.: 0.001 min
Response: 225083379
Conc: 54.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 309121314
Conc: 46.24 ng/ml



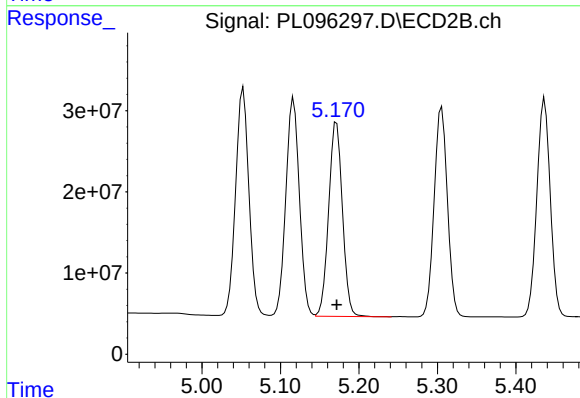
#9 Endosulfan I

R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 205538669
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

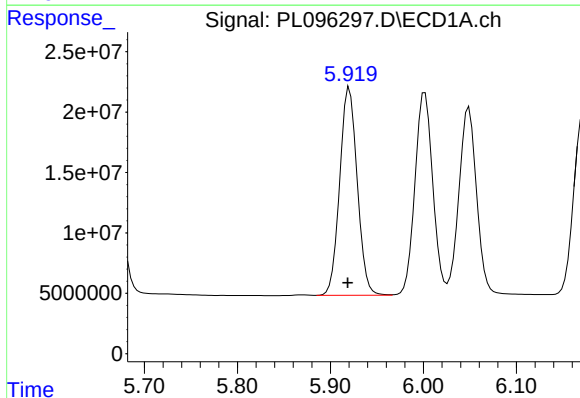
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



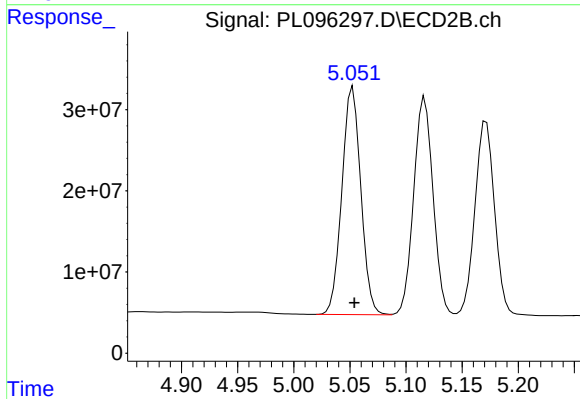
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 291148488
Conc: 40.58 ng/ml



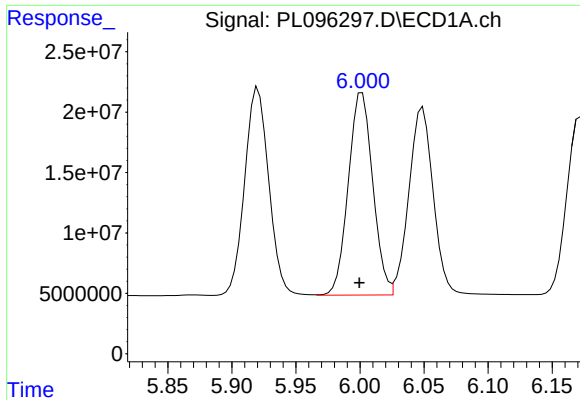
#10 gamma-Chlordane

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 225379555
Conc: 50.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 329394232
Conc: 46.92 ng/ml



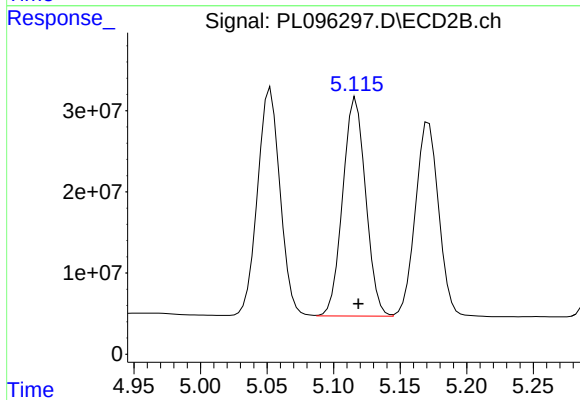
#11 alpha-Chlordane

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 222808892
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

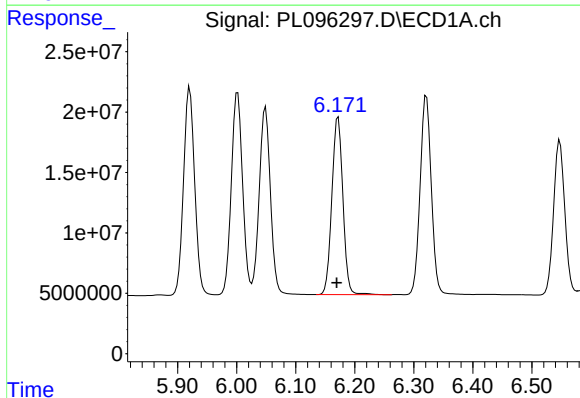
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



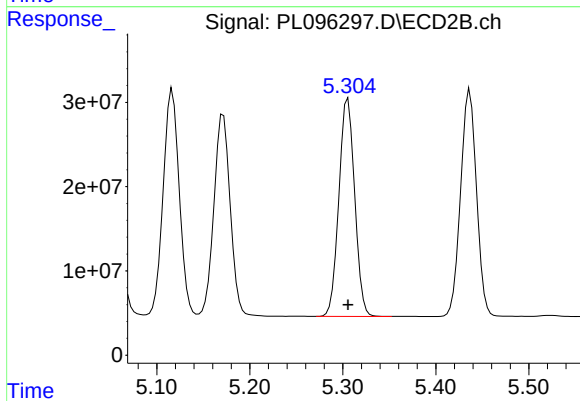
#11 alpha-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 322636846
Conc: 42.90 ng/ml



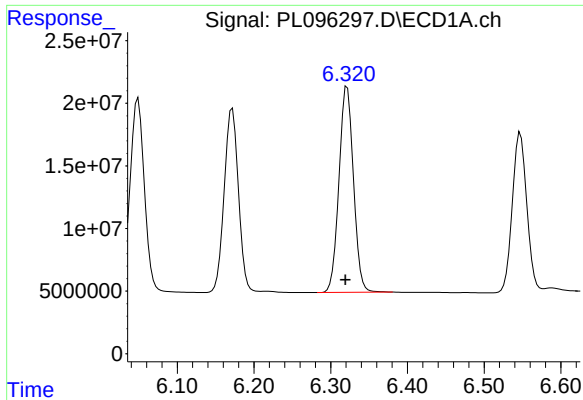
#12 4,4'-DDE

R.T.: 6.172 min
Delta R.T.: 0.002 min
Response: 191353052
Conc: 51.61 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 305410446
Conc: 47.25 ng/ml



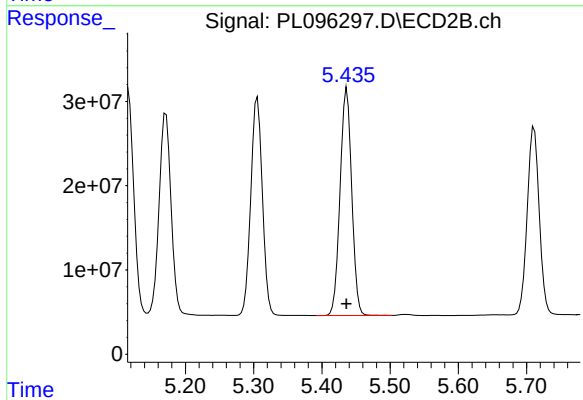
#13 Dieldrin

R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 216167665
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

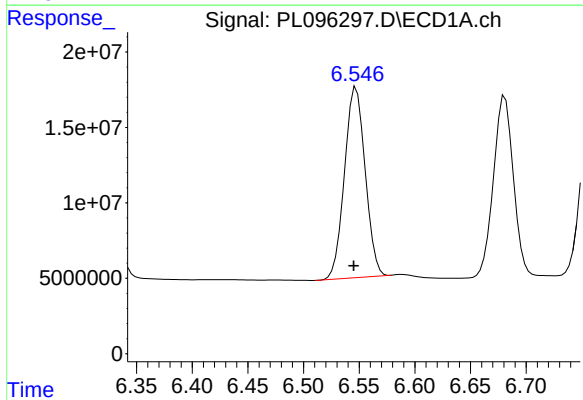
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



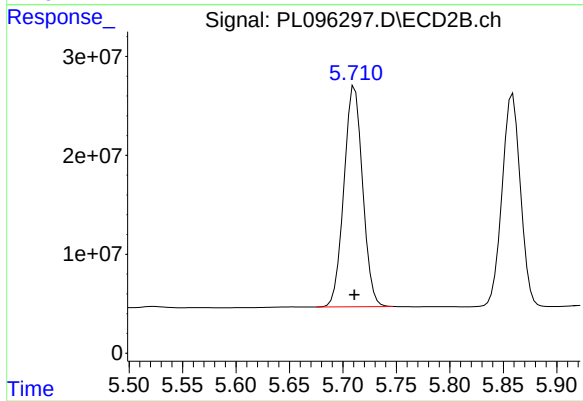
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 320326308
Conc: 46.97 ng/ml



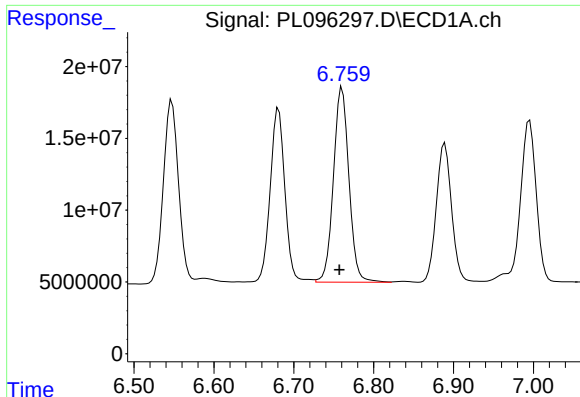
#14 Endrin

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 163068480
Conc: 52.43 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 271548151
Conc: 44.54 ng/ml



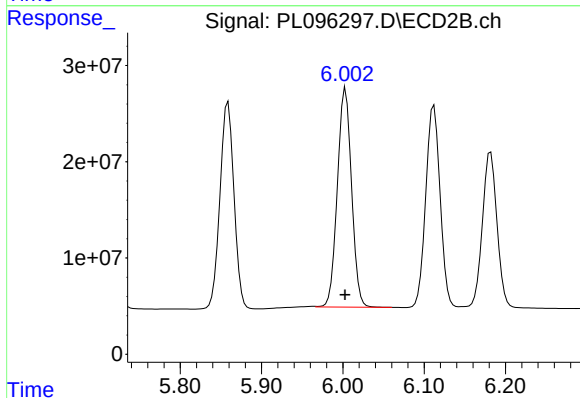
#15 Endosulfan II

R.T.: 6.761 min
Delta R.T.: 0.004 min
Response: 182620364
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

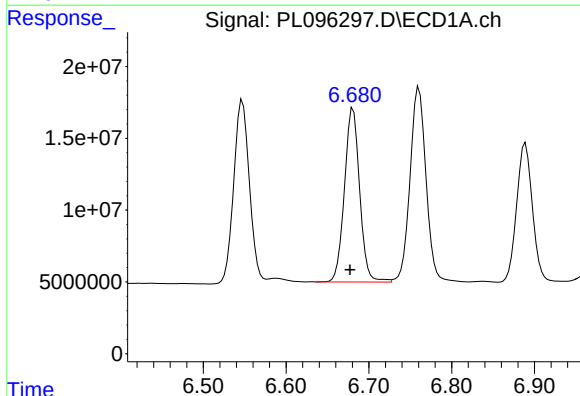
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



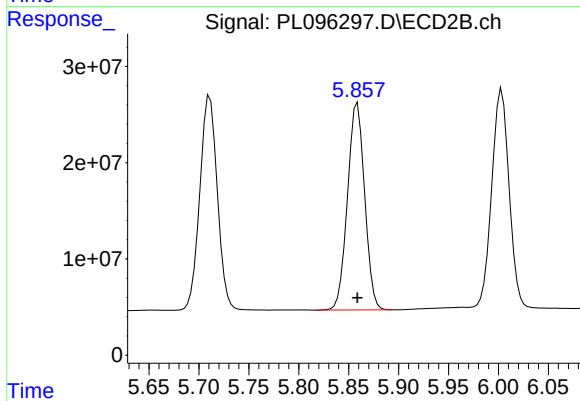
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 275791590
Conc: 47.03 ng/ml m



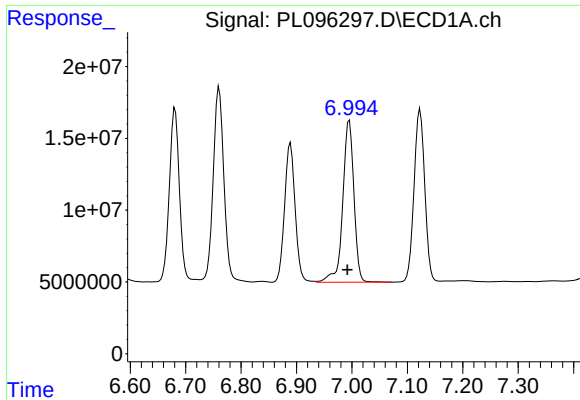
#16 4,4'-DDD

R.T.: 6.681 min
Delta R.T.: 0.004 min
Response: 154639833
Conc: 53.11 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 257332243
Conc: 50.18 ng/ml



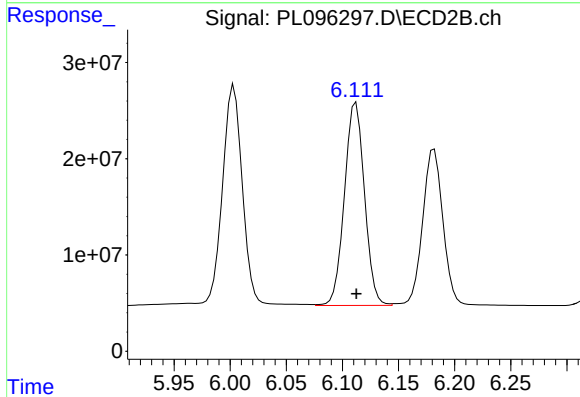
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.003 min
Response: 158093056
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

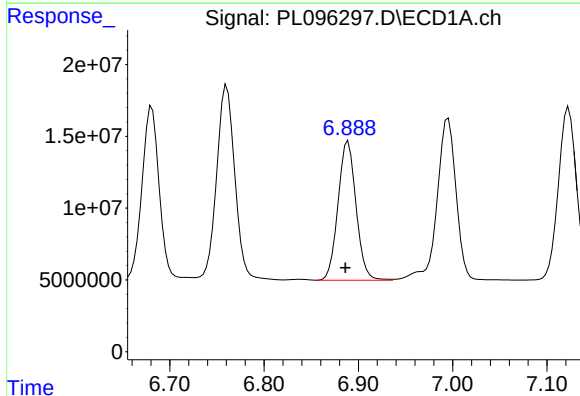
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



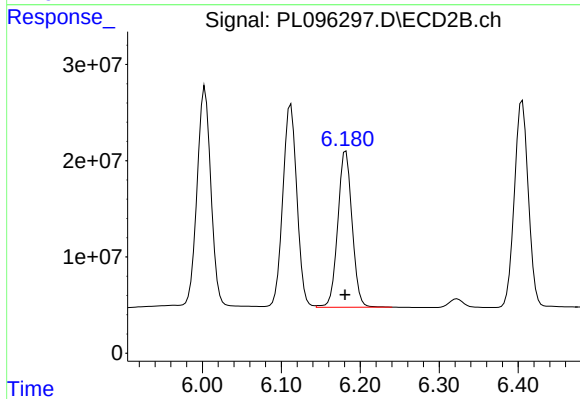
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 261942738
Conc: 45.67 ng/ml



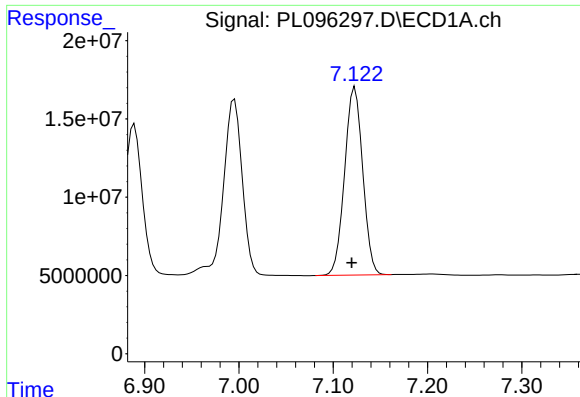
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.003 min
Response: 128539659
Conc: 57.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 204069938
Conc: 45.81 ng/ml



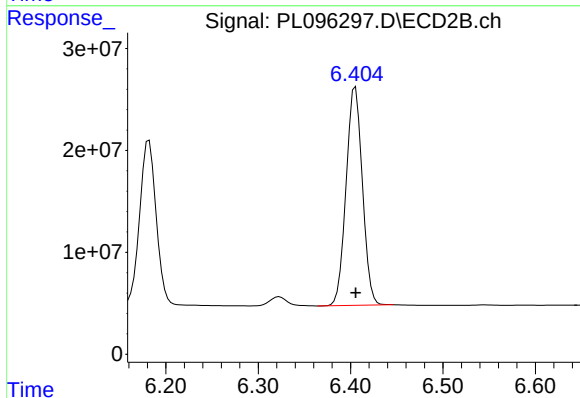
#19 Endosulfan Sulfate

R.T.: 7.123 min
Delta R.T.: 0.004 min
Response: 160354207
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

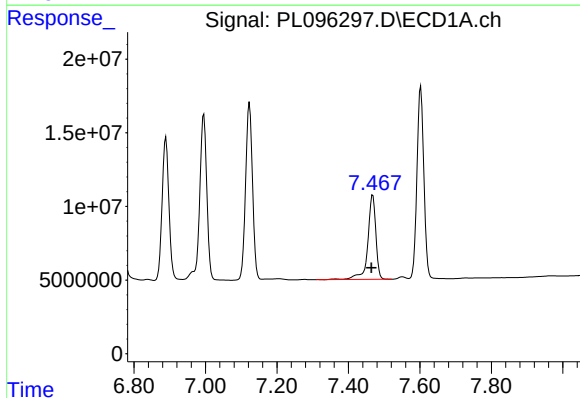
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



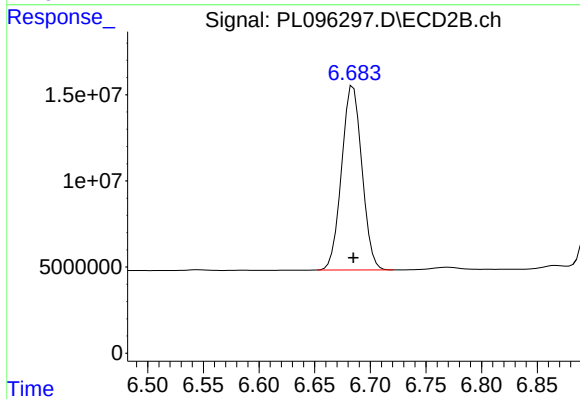
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 262424751
Conc: 46.66 ng/ml



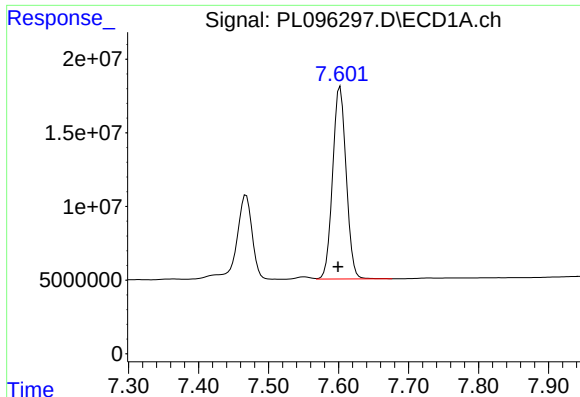
#20 Methoxychlor

R.T.: 7.468 min
Delta R.T.: 0.003 min
Response: 89136259
Conc: 56.58 ng/ml



#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 136001305
Conc: 44.77 ng/ml



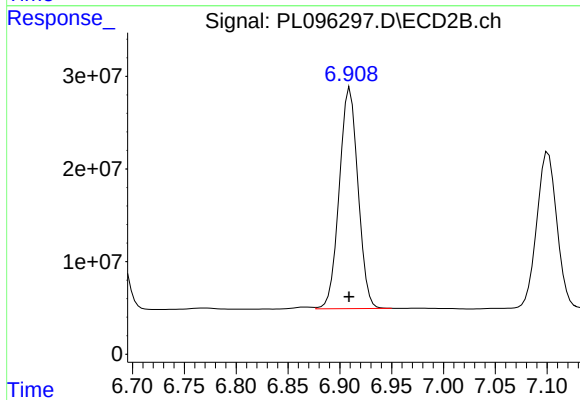
#21 Endrin ketone

R.T.: 7.602 min
Delta R.T.: 0.003 min
Response: 175525593
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

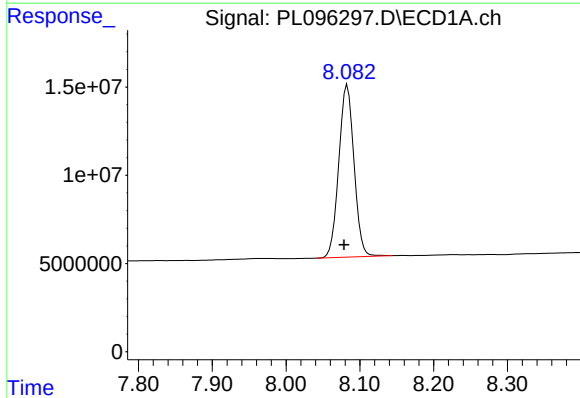
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



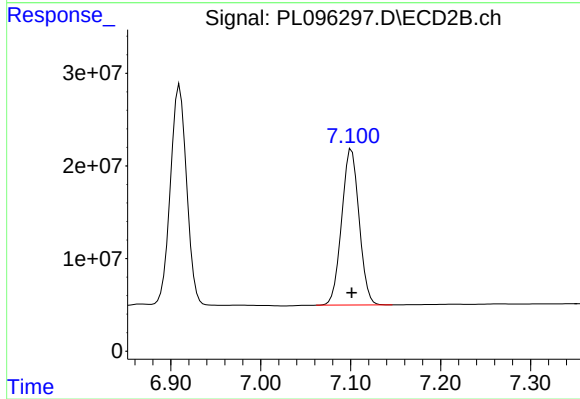
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 299418192
Conc: 47.89 ng/ml



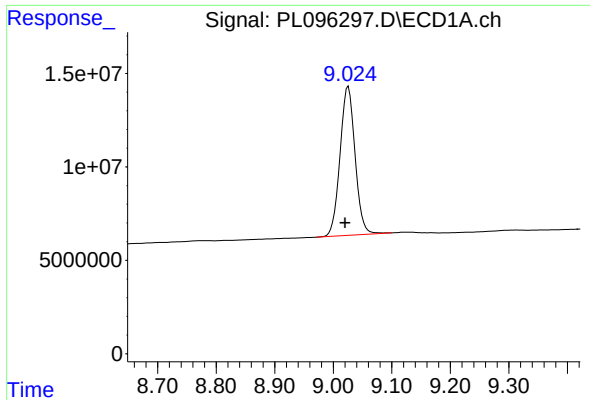
#22 Mirex

R.T.: 8.083 min
Delta R.T.: 0.004 min
Response: 139820276
Conc: 50.25 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 226777204
Conc: 45.65 ng/ml



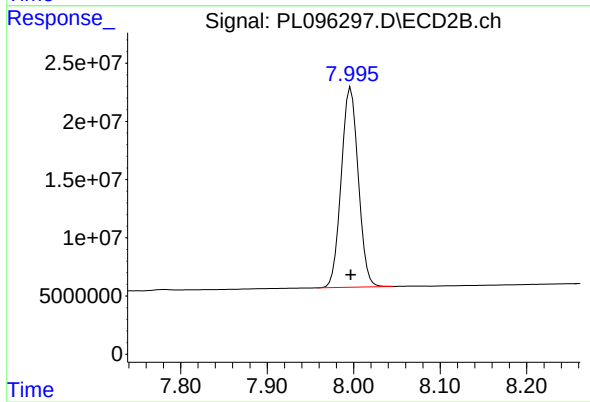
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.006 min
Response: 142527605
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 233526922
Conc: 46.83 ng/ml