

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
 Data File : PD088720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 11:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 22:42:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.882	118.5E6	816.6E6	54.788	53.982
28)	SA Decachlor...	9.077	8.074	170.8E6	822.5E6	49.908	45.052
Target Compounds							
2)	A alpha-BHC	4.001	3.394	264.2E6	1262.0E6	55.316	52.797
3)	MA gamma-BHC...	4.332	3.731	250.3E6	1151.6E6	54.388	51.952
4)	MA Heptachlor	4.931	4.084	235.5E6	1118.9E6	52.663	49.827
5)	MB Aldrin	5.273	4.369	235.4E6	1120.2E6	53.559	51.081m
6)	B beta-BHC	4.517	4.026	94733342	489.8E6	52.538	50.281
7)	B delta-BHC	4.766	4.263	241.6E6	1151.5E6	57.172	51.651
8)	B Heptachlo...	5.693	4.874	207.3E6	991.6E6	52.224	49.903
9)	A Endosulfan I	6.076	5.248	194.5E6	847.5E6	51.683	44.657
10)	B gamma-Chl...	5.948	5.127	208.6E6	1058.8E6	52.295	49.634
11)	B alpha-Chl...	6.029	5.192	208.2E6	1012.4E6	51.970	49.088
12)	B 4,4'-DDE	6.198	5.375	182.8E6	1011.9E6	50.922	48.411m
13)	MA Dieldrin	6.349	5.514	207.8E6	1032.2E6	51.793	49.049
14)	MA Endrin	6.575	5.790	169.5E6	926.5E6	49.643m	48.043
15)	B Endosulfa...	6.789	6.082	175.2E6	866.5E6	50.868	47.291
16)	A 4,4'-DDD	6.707	5.931	157.1E6	879.4E6	56.406	50.562
17)	MA 4,4'-DDT	7.023	6.185	133.8E6	755.8E6	42.848	41.672
18)	B Endrin al...	6.916	6.260	119.3E6	620.9E6	46.321m	44.579
19)	B Endosulfa...	7.152	6.484	157.5E6	819.2E6	49.160	46.139
20)	A Methoxychlor	7.495	6.756	71015255	392.4E6	42.510	40.983
21)	B Endrin ke...	7.632	6.993	169.7E6	881.6E6	49.560	45.568
22)	Mirex	8.117	7.187	123.2E6	658.3E6	47.410	43.305

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
Data File : PD088720.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 11:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

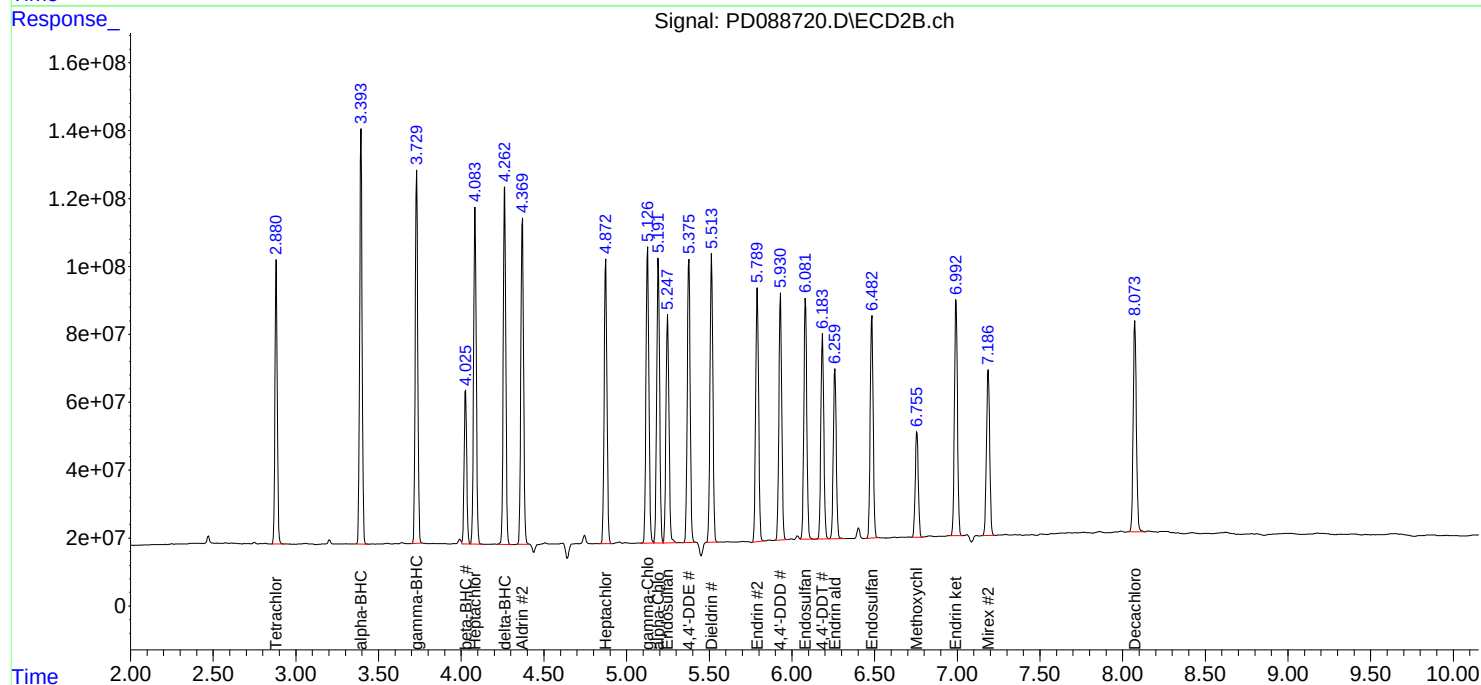
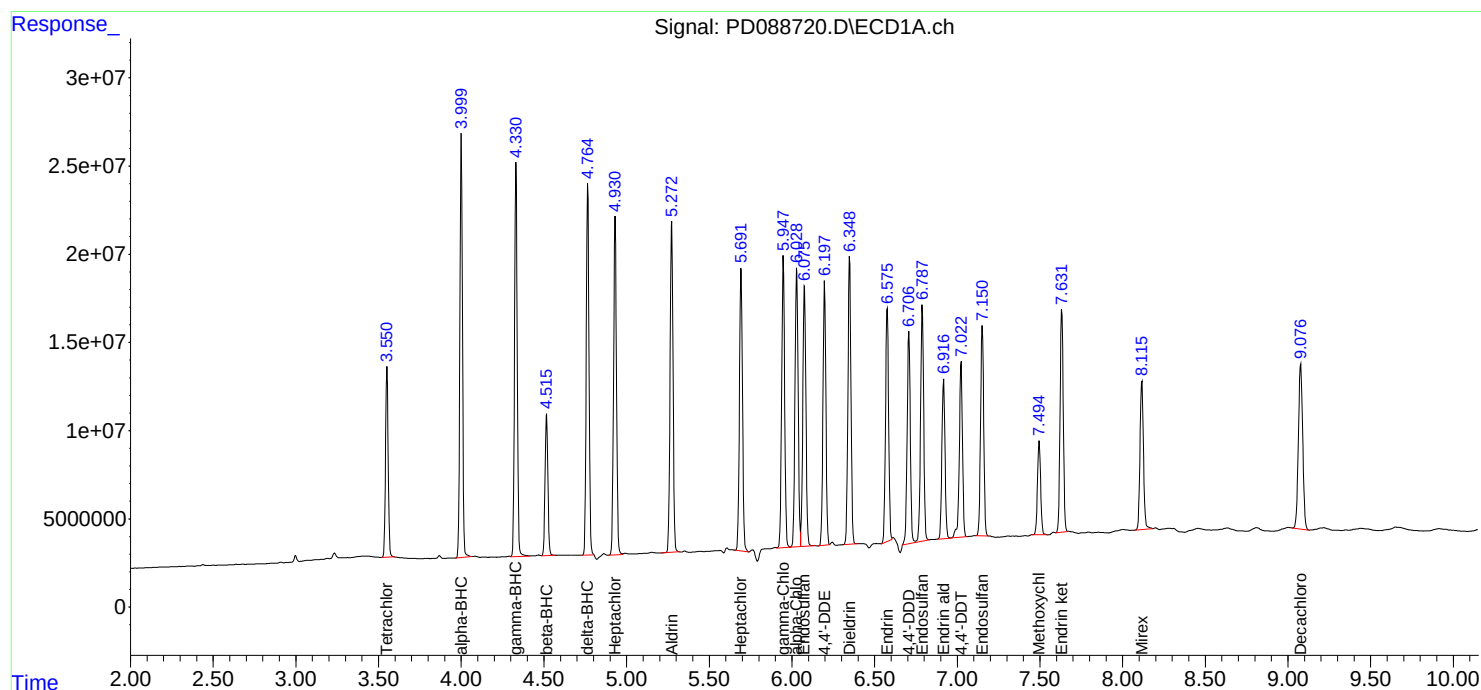
APPROVED

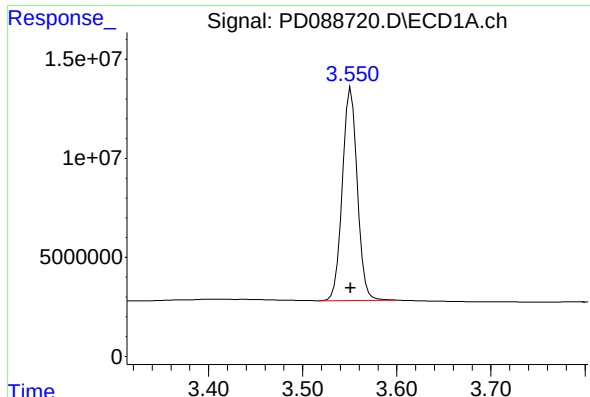
Reviewed By :Abdul Mirza 05/27/2025

Supervised By :mohammad ahmed 05/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 22:42:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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 x 0.25µm





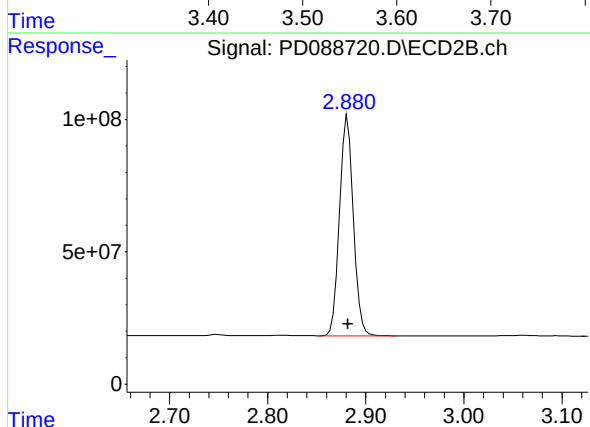
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 118546658
Conc: 54.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

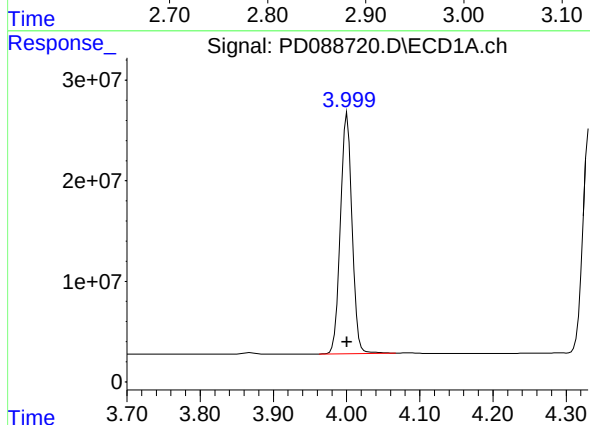
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



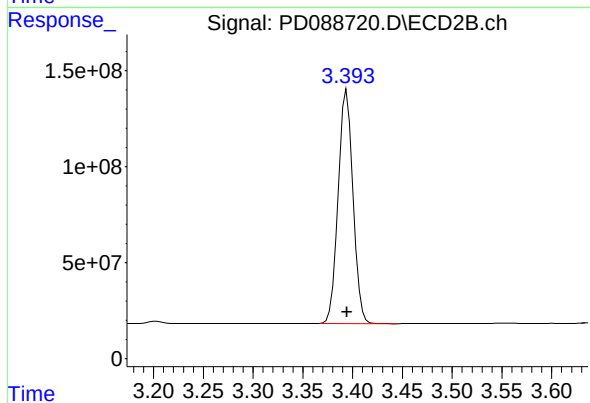
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 816572755
Conc: 53.98 ng/ml



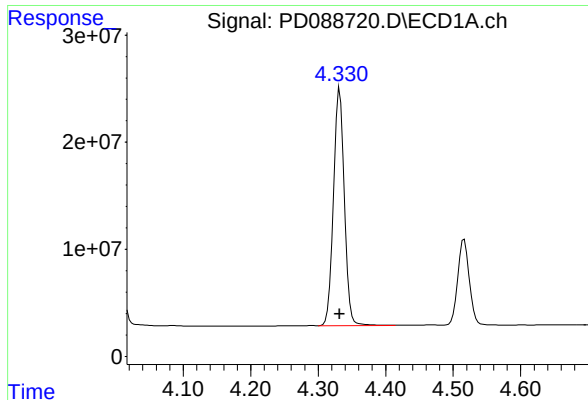
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 264219345
Conc: 55.32 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1262044875
Conc: 52.80 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 250332006
Conc: 54.39 ng/ml

Instrument :

ECD_D

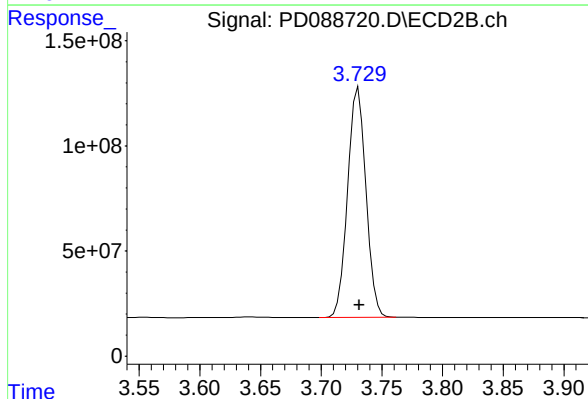
ClientSampleId :

PSTDCCC050

Manual Integrations

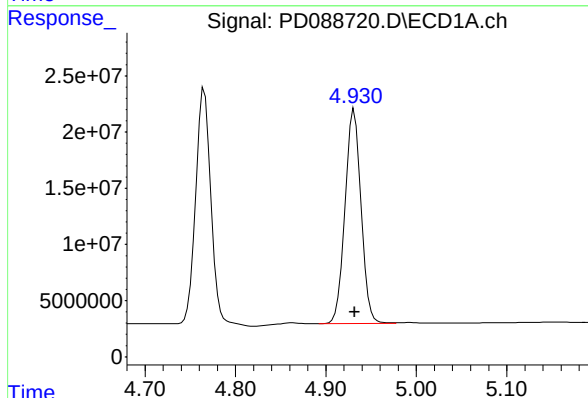
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



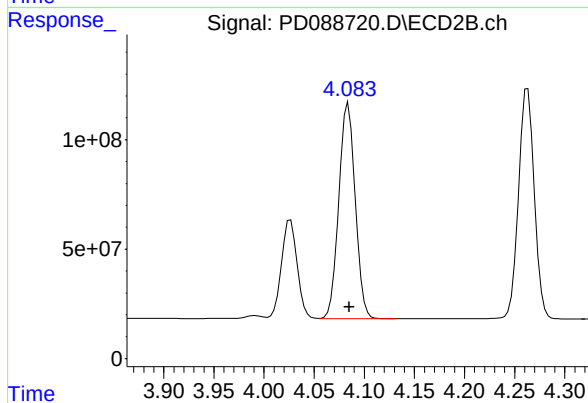
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1151561434
Conc: 51.95 ng/ml



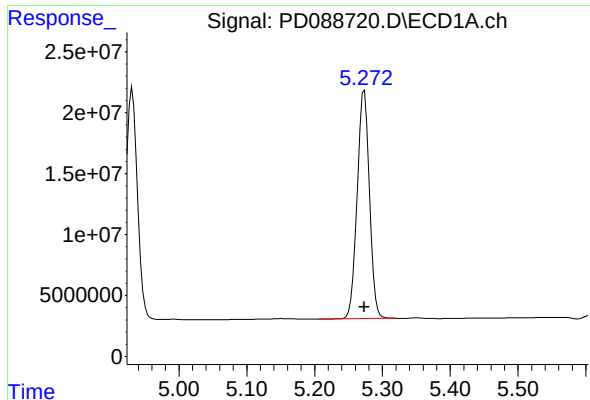
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 235467377
Conc: 52.66 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 1118859074
Conc: 49.83 ng/ml



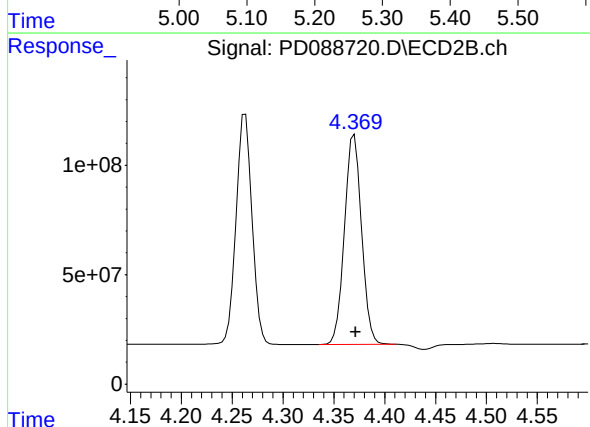
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 235365902
Conc: 53.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

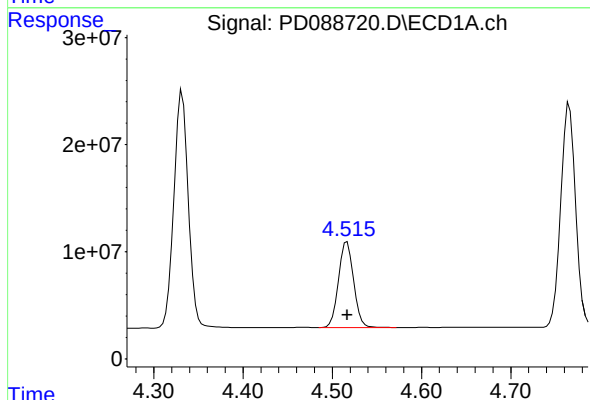
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



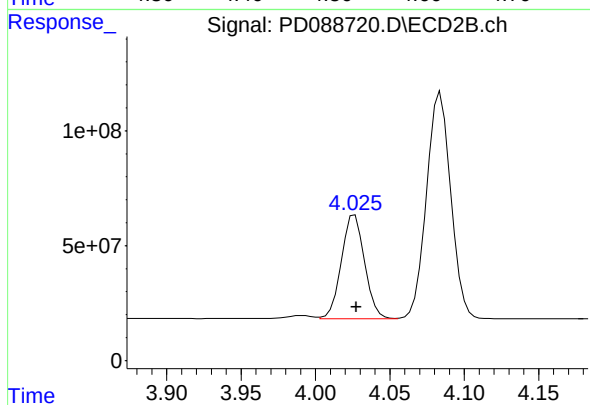
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 1120207136
Conc: 51.08 ng/ml



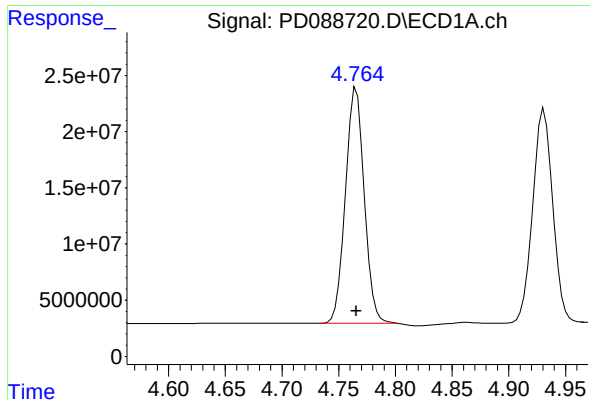
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 94733342
Conc: 52.54 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 489831544
Conc: 50.28 ng/ml



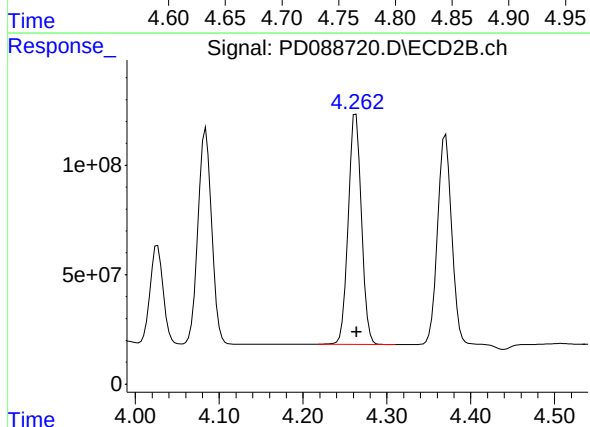
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 241619092
Conc: 57.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

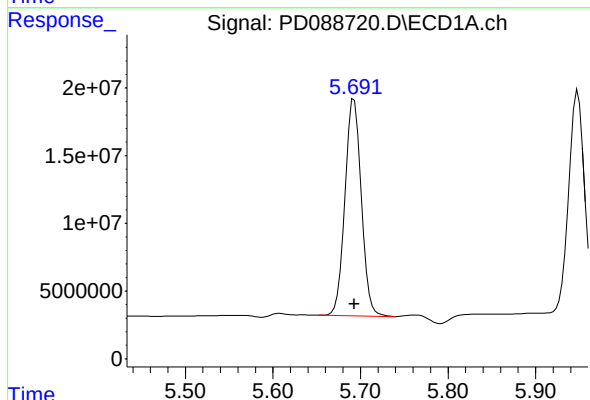
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



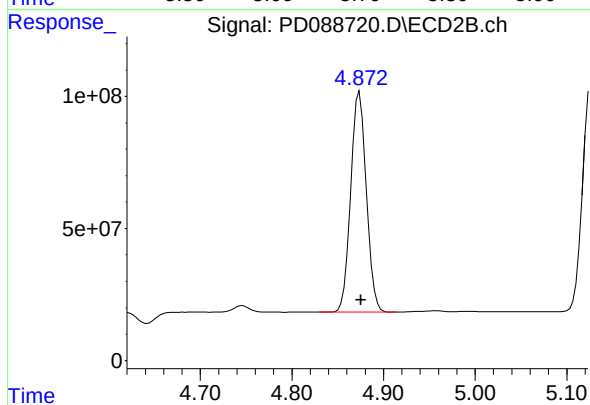
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 1151516639
Conc: 51.65 ng/ml



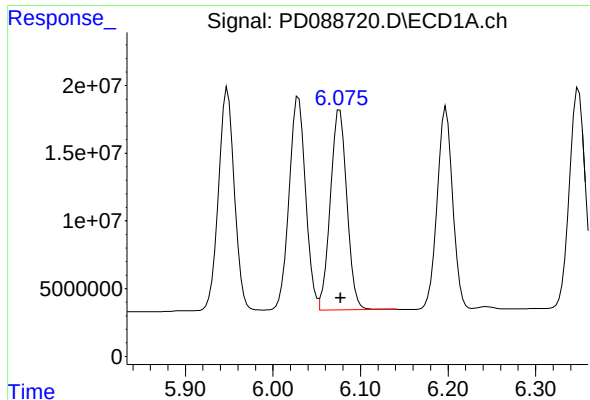
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 207291449
Conc: 52.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 991642169
Conc: 49.90 ng/ml



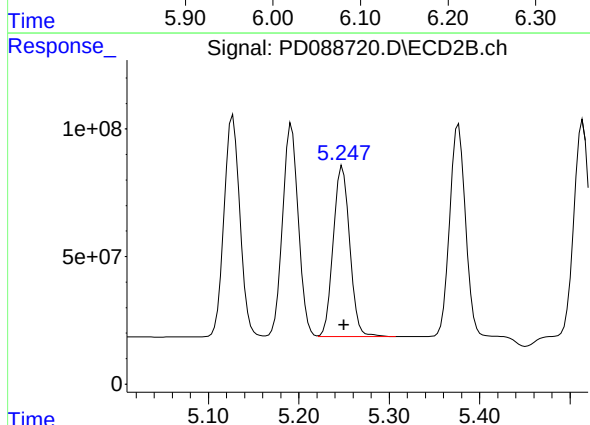
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 194478882
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

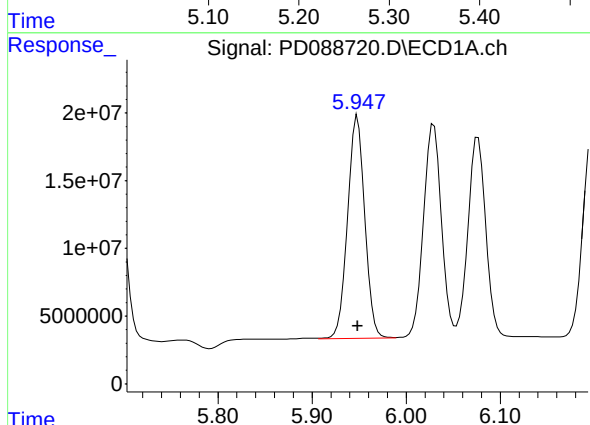
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



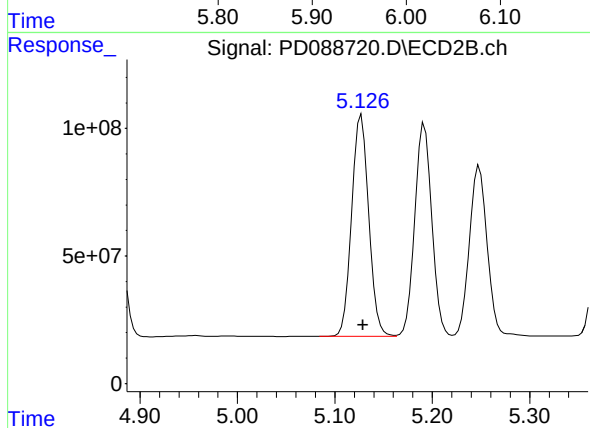
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 847526005
Conc: 44.66 ng/ml



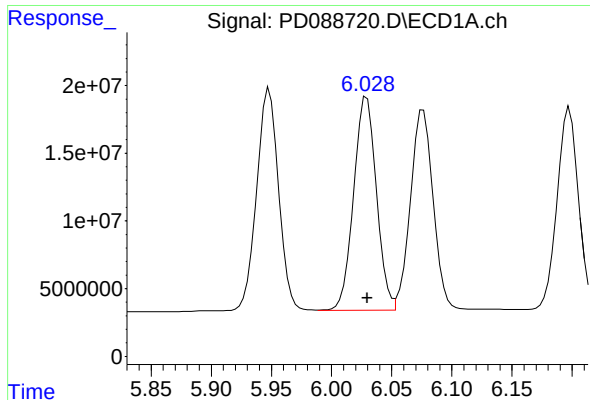
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 208603785
Conc: 52.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 1058787697
Conc: 49.63 ng/ml



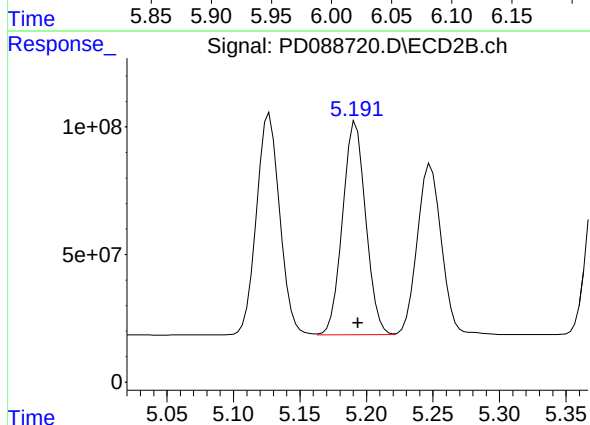
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 208204876
Conc: 51.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

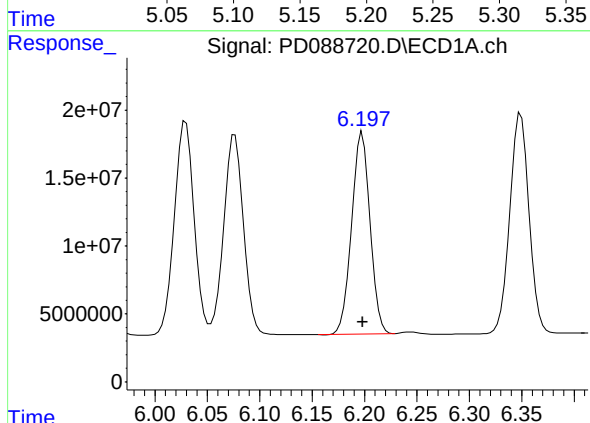
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



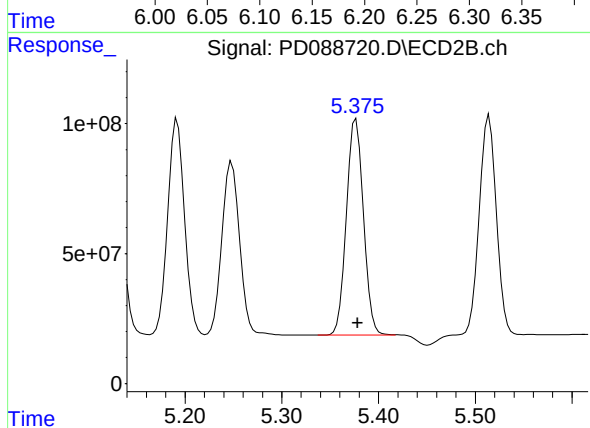
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1012427138
Conc: 49.09 ng/ml



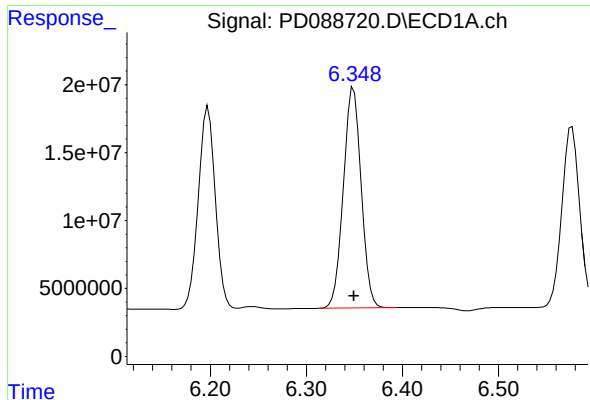
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 182778359
Conc: 50.92 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: -0.003 min
Response: 1011921497
Conc: 48.41 ng/ml m



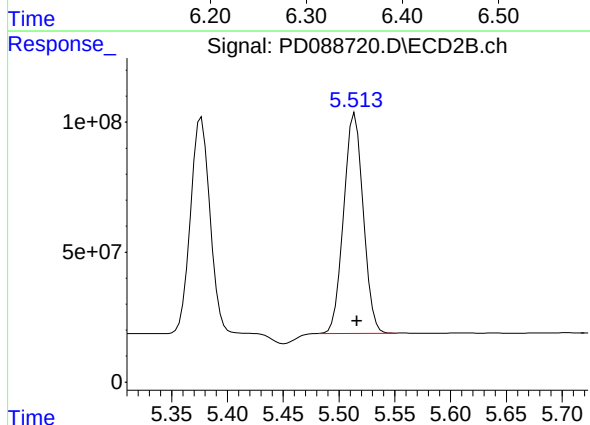
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 207778986
Conc: 51.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

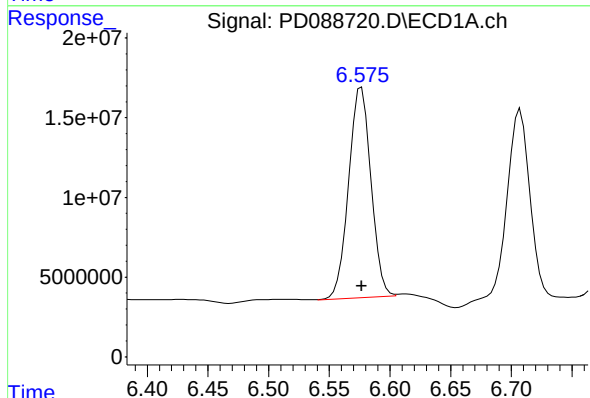
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



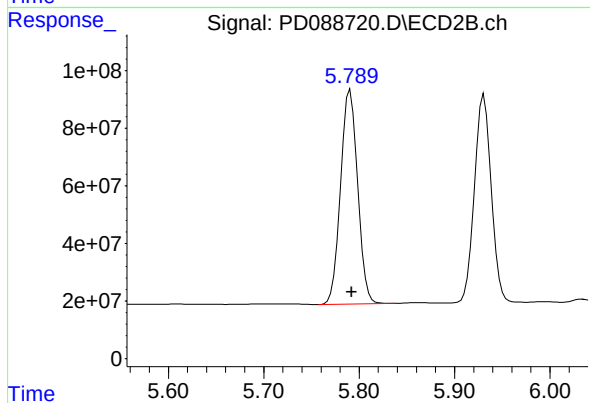
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1032191162
Conc: 49.05 ng/ml



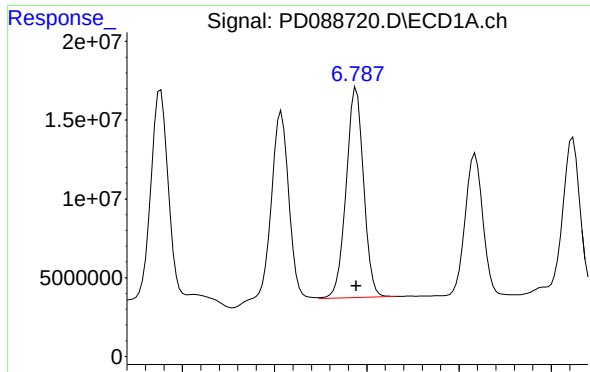
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 169540135
Conc: 49.64 ng/ml m



#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 926455992
Conc: 48.04 ng/ml



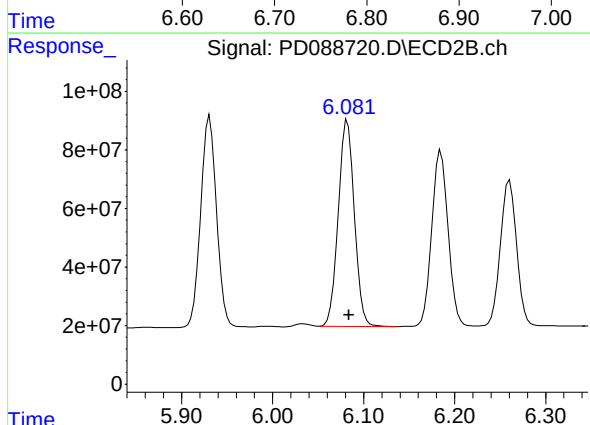
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 175168527
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

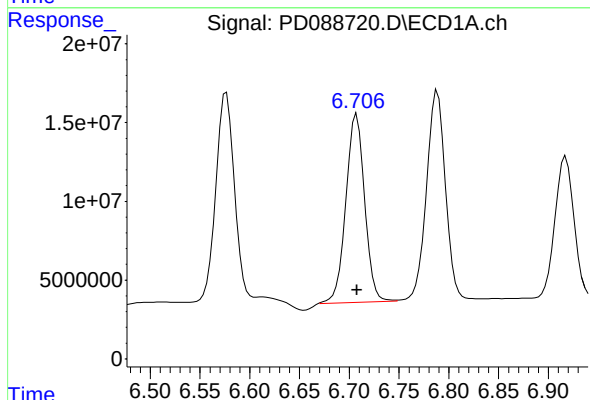
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



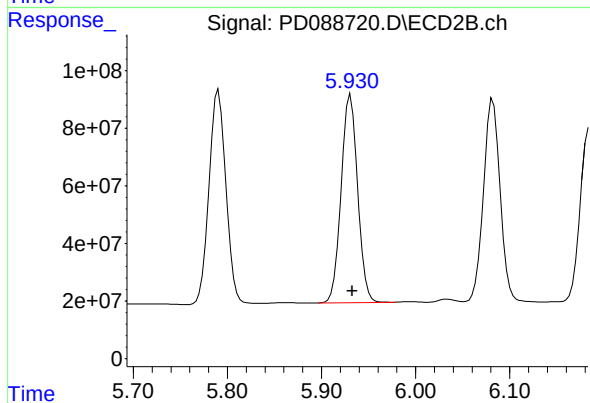
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 866452079
Conc: 47.29 ng/ml



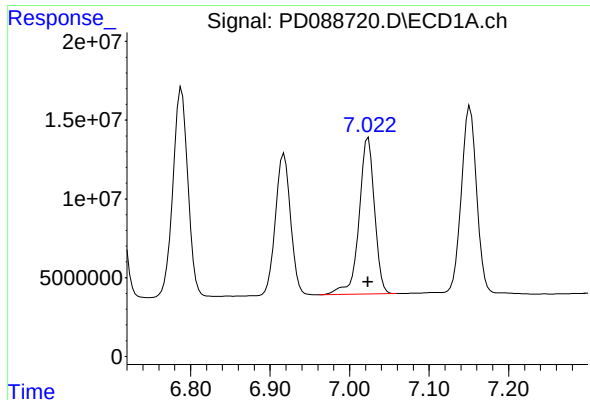
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 157097487
Conc: 56.41 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 879391711
Conc: 50.56 ng/ml



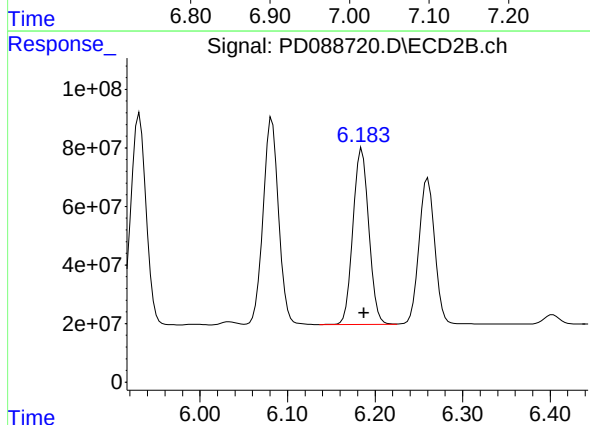
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 133772112
Conc: 42.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

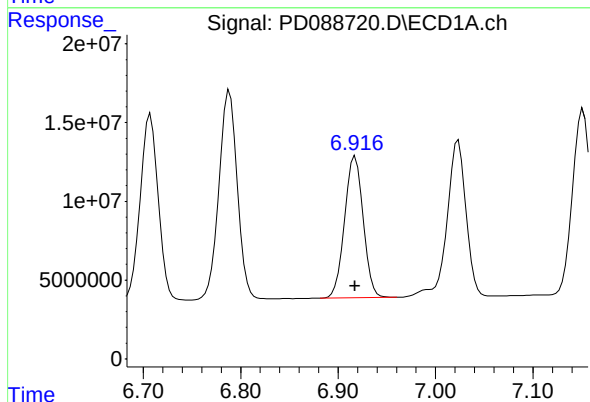
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



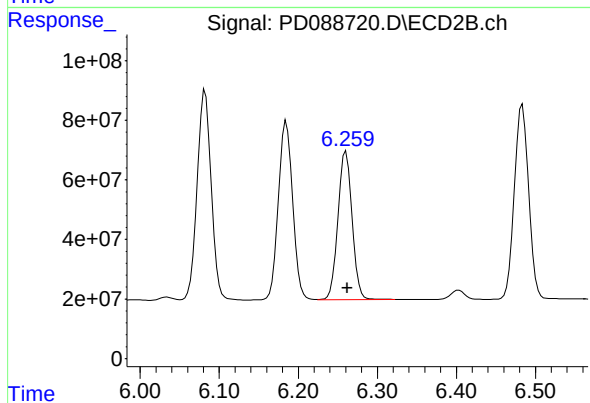
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 755819550
Conc: 41.67 ng/ml



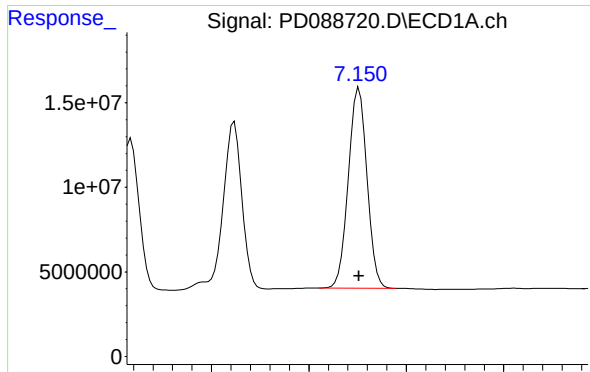
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 119259032
Conc: 46.32 ng/ml m



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 620923900
Conc: 44.58 ng/ml



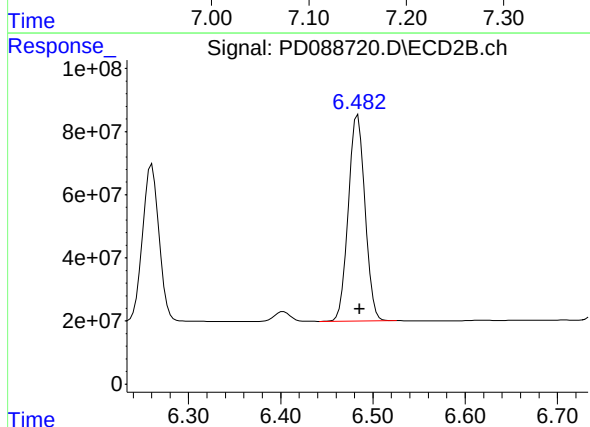
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 157463485
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

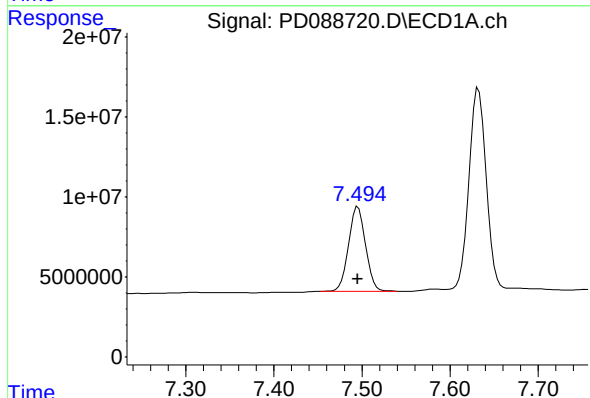
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



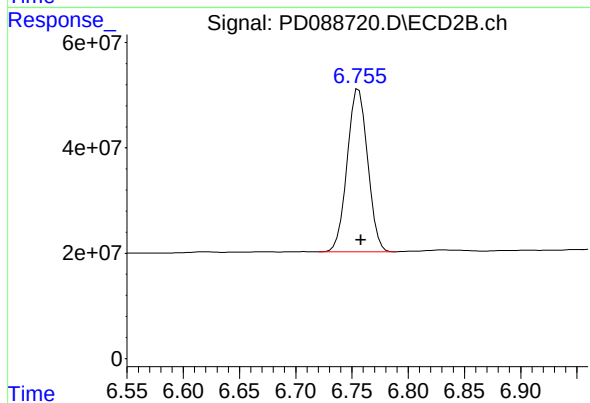
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 819233655
Conc: 46.14 ng/ml



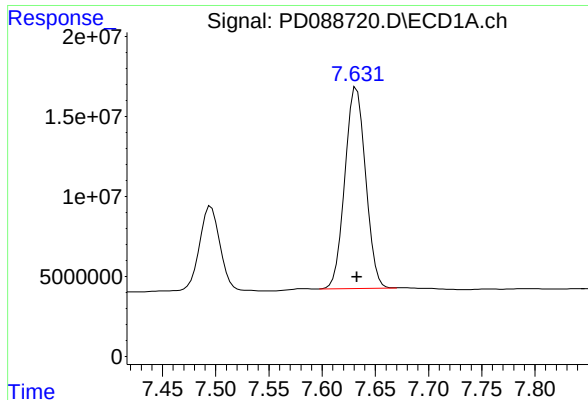
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 71015255
Conc: 42.51 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 392401911
Conc: 40.98 ng/ml



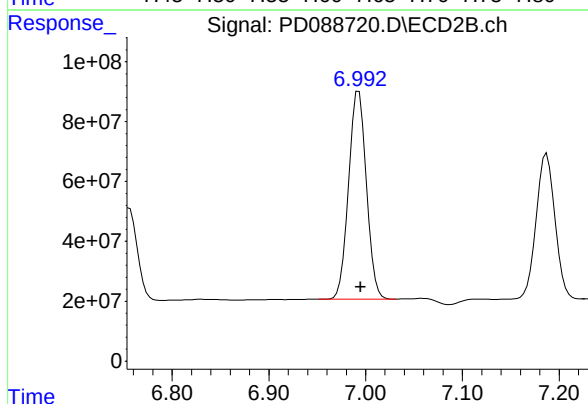
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 169651358
Conc: 49.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

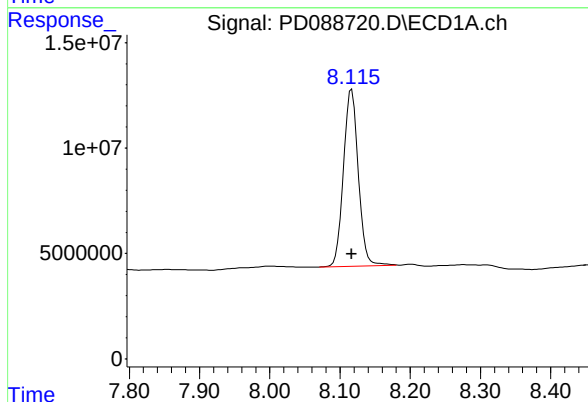
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



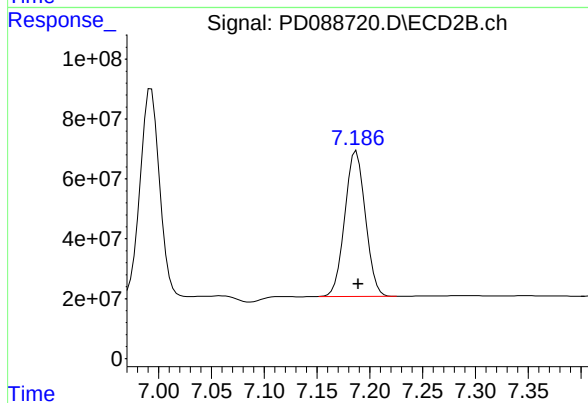
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 881622231
Conc: 45.57 ng/ml



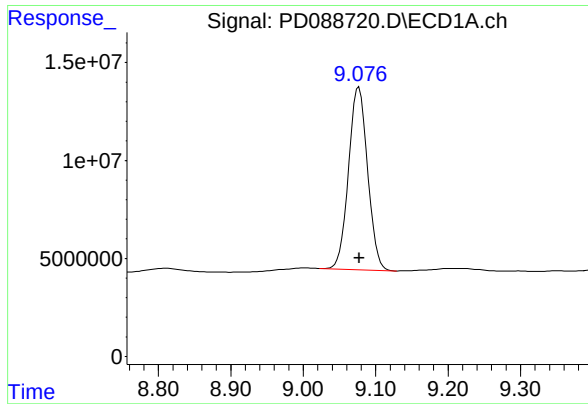
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 123183627
Conc: 47.41 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 658344152
Conc: 43.31 ng/ml



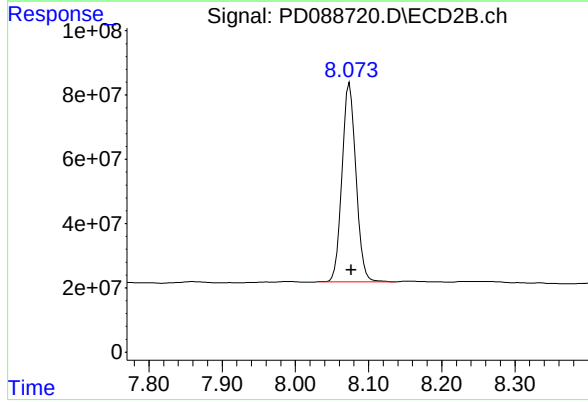
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 170800940
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 822478755
Conc: 45.05 ng/ml