

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 08:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:38:08 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...	3.549	2.879	121.8E6	722.5E6	56.283	47.761
28)	SA Decachlor...	9.071	8.071	164.0E6	824.4E6	47.918	45.158
Target Compounds							
2)	A alpha-BHC	3.998	3.392	254.3E6	1137.8E6	53.247	47.597
3)	MA gamma-BHC...	4.329	3.729	242.0E6	1057.3E6	52.572	47.699
4)	MA Heptachlor	4.928	4.082	226.6E6	1020.8E6	50.674	45.461
5)	MB Aldrin	5.270	4.367	228.7E6	1041.5E6	52.031	47.491m
6)	B beta-BHC	4.514	4.024	94421555	454.3E6	52.365	46.629
7)	B delta-BHC	4.763	4.261	234.6E6	1064.8E6	55.522	47.761
8)	B Heptachlo...	5.689	4.872	204.1E6	935.8E6	51.430	47.094
9)	A Endosulfan I	6.074	5.246	192.2E6	810.1E6	51.071	42.685
10)	B gamma-Chl...	5.945	5.125	207.0E6	1008.0E6	51.904	47.251
11)	B alpha-Chl...	6.026	5.189	206.4E6	969.6E6	51.523	47.011
12)	B 4,4'-DDE	6.194	5.373	183.8E6	983.5E6	51.202	47.050m
13)	MA Dieldrin	6.346	5.512	204.5E6	990.6E6	50.976	47.073
14)	MA Endrin	6.573	5.789	173.1E6	891.4E6	50.687	46.224
15)	B Endosulfa...	6.785	6.080	173.5E6	867.7E6	50.372	47.360
16)	A 4,4'-DDD	6.704	5.929	149.9E6	835.3E6	53.829	48.026
17)	MA 4,4'-DDT	7.020	6.183	150.1E6	823.3E6	48.076	45.393
18)	B Endrin al...	6.914	6.258	126.1E6	637.6E6	48.976	45.773
19)	B Endosulfa...	7.148	6.481	159.4E6	828.7E6	49.760	46.670
20)	A Methoxychlor	7.492	6.753	77165608	425.4E6	46.192	44.425
21)	B Endrin ke...	7.629	6.991	170.9E6	918.2E6	49.913	47.458
22)	Mirex	8.112	7.184	124.8E6	701.3E6	48.042	46.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 08:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

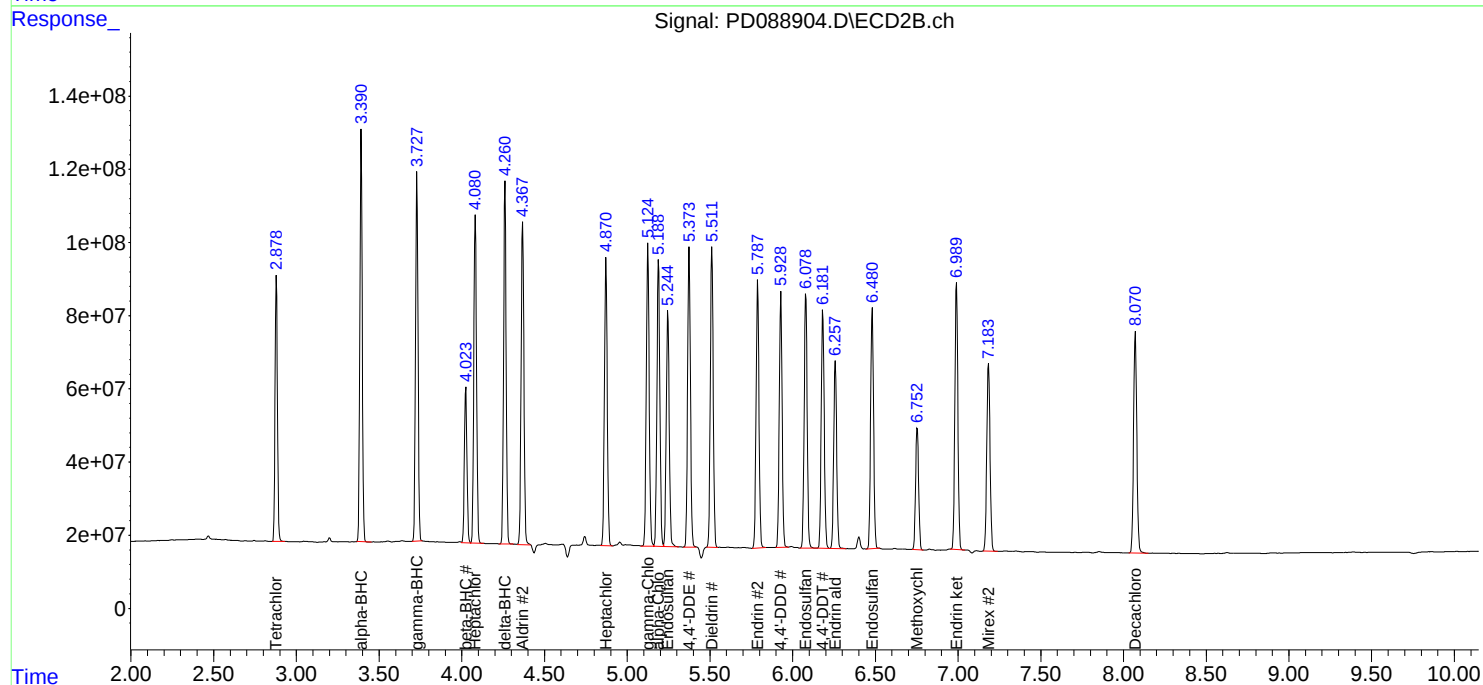
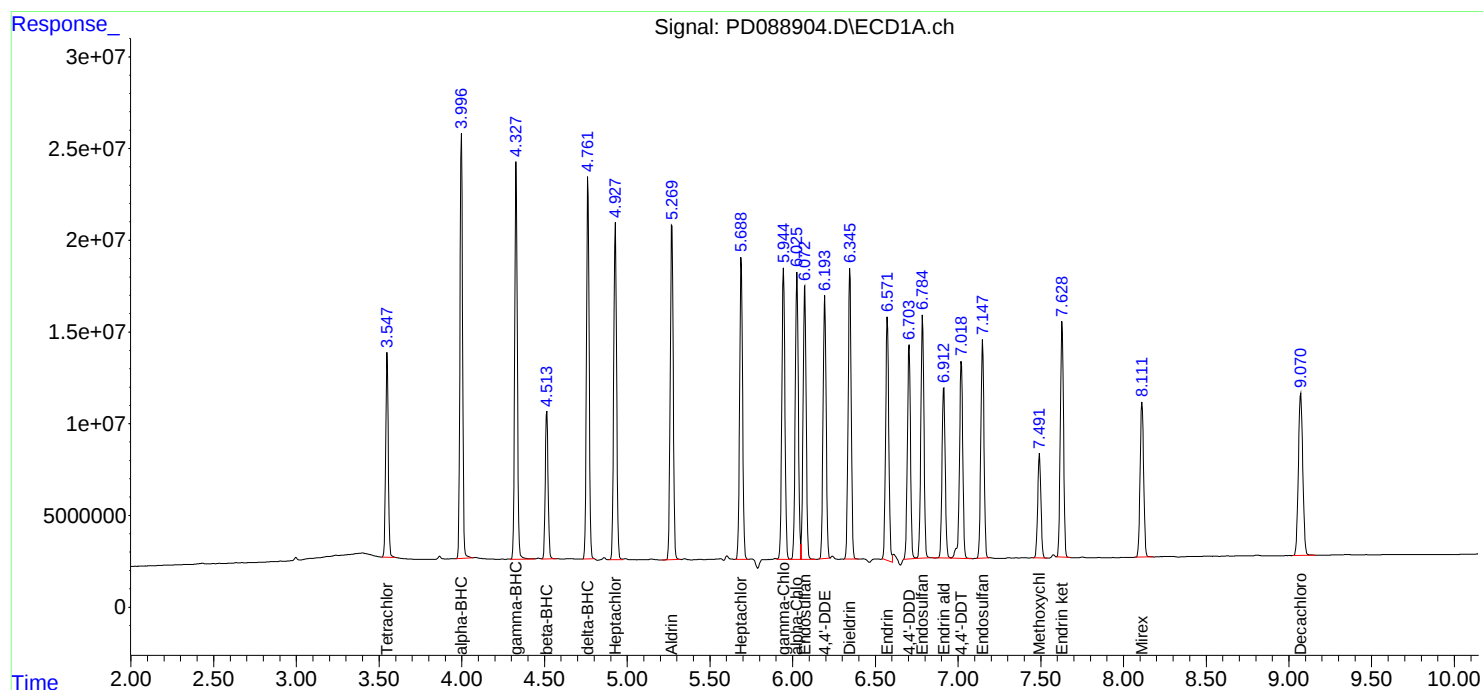
APPROVED

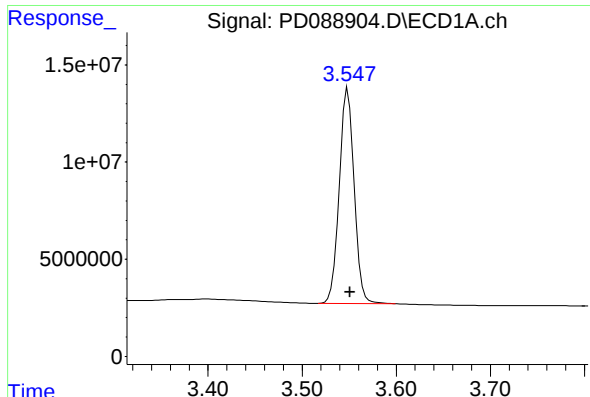
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:38:08 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





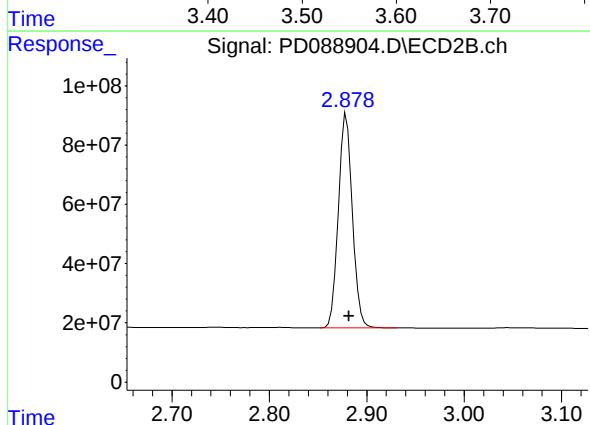
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 121783069
Conc: 56.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

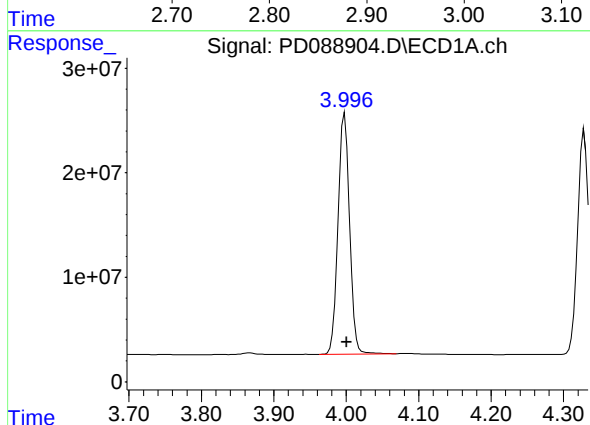
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



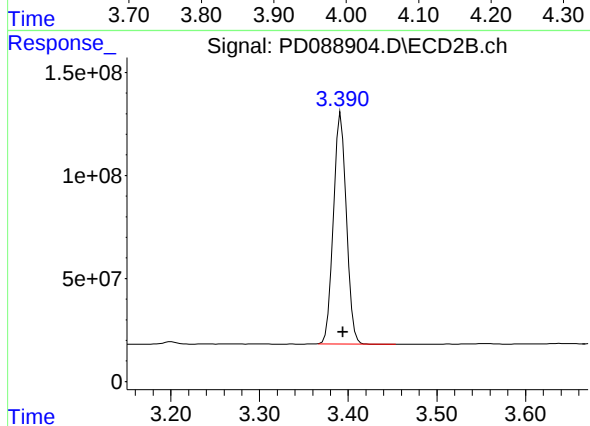
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 722470854
Conc: 47.76 ng/ml



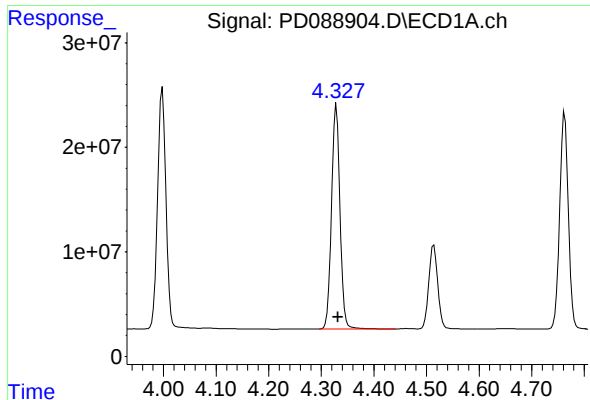
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 254337661
Conc: 53.25 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1137754581
Conc: 47.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 241973942
Conc: 52.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

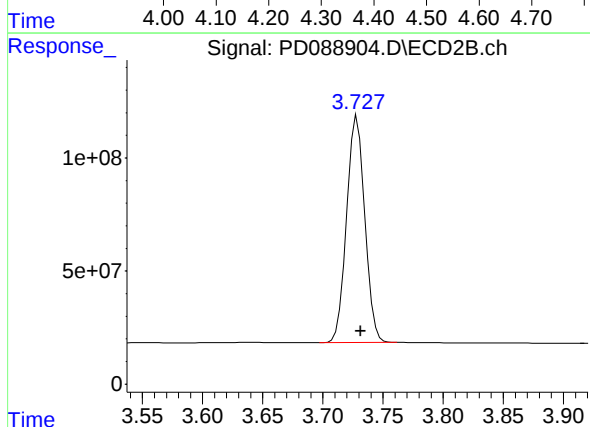
PSTDCCC050

Manual Integrations

APPROVED

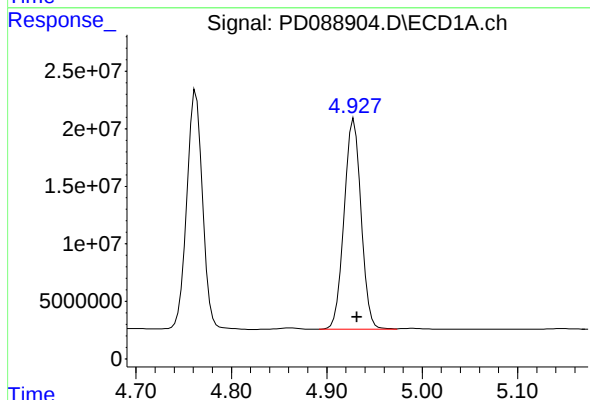
Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025



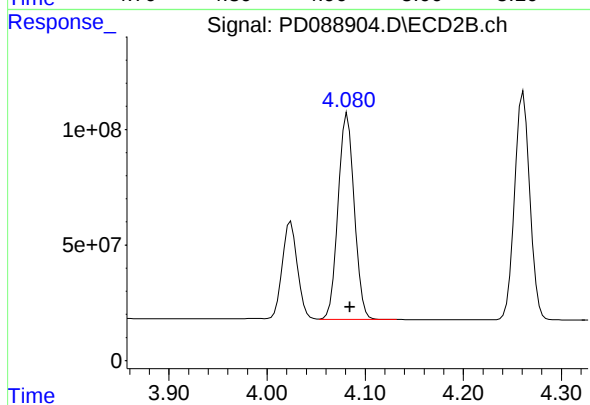
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.003 min
Response: 1057281187
Conc: 47.70 ng/ml



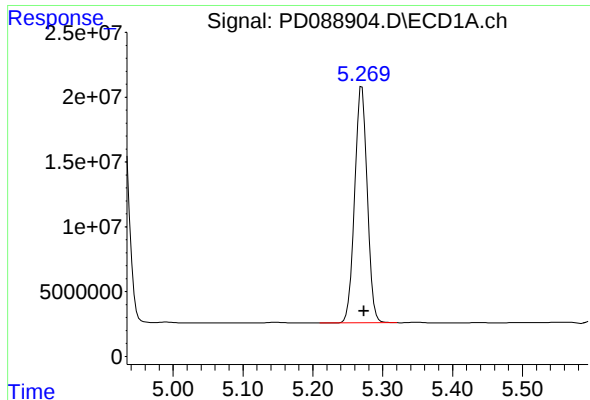
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 226572475
Conc: 50.67 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1020823157
Conc: 45.46 ng/ml



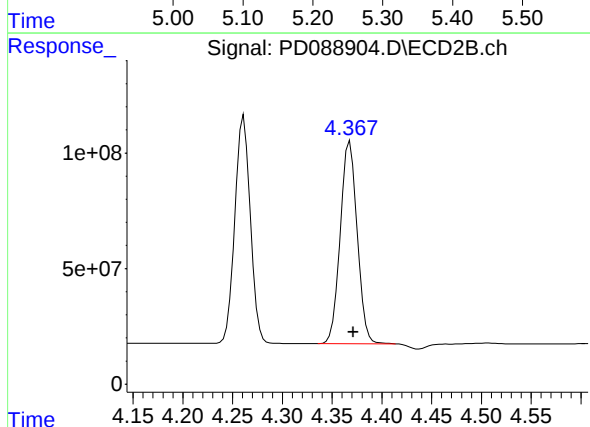
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 228652382
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

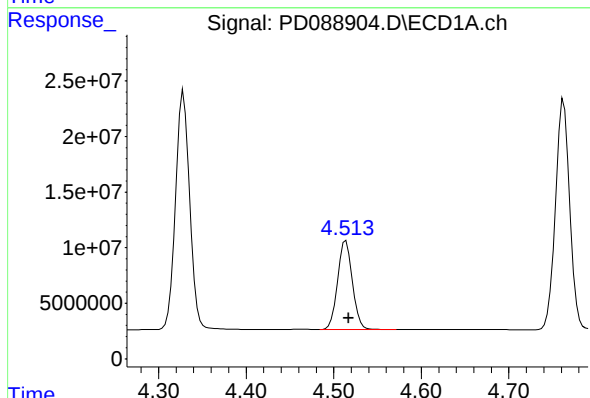
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



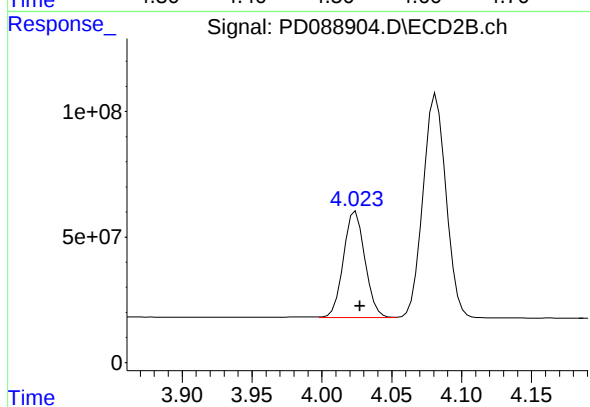
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.005 min
Response: 1041462409
Conc: 47.49 ng/ml



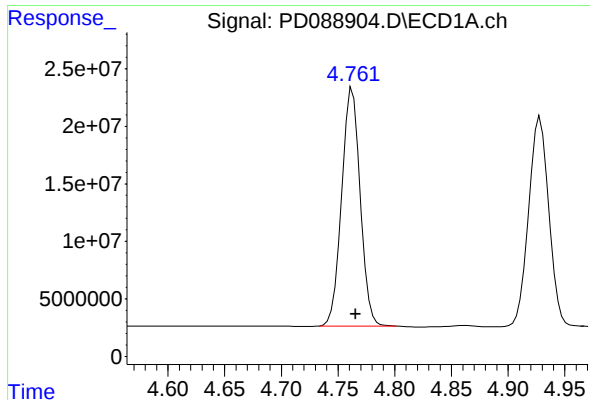
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 94421555
Conc: 52.36 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 454258832
Conc: 46.63 ng/ml



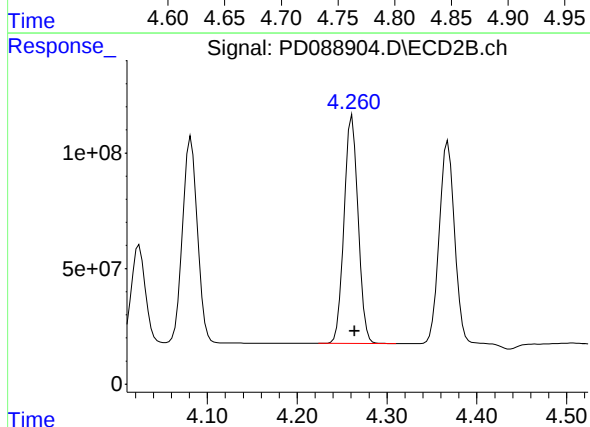
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 234642208
Conc: 55.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

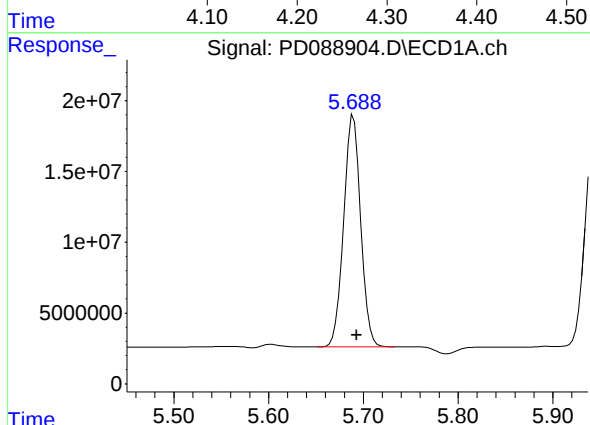
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



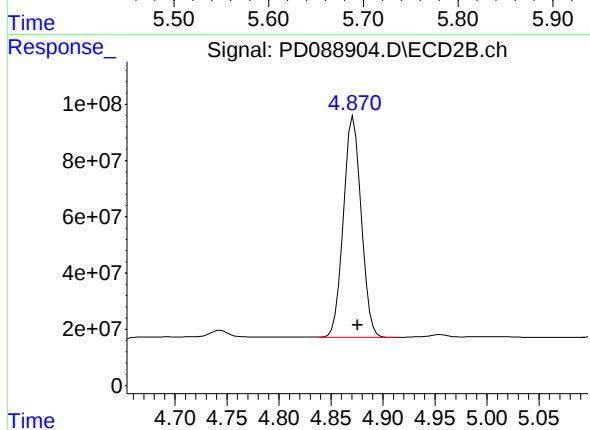
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1064786633
Conc: 47.76 ng/ml



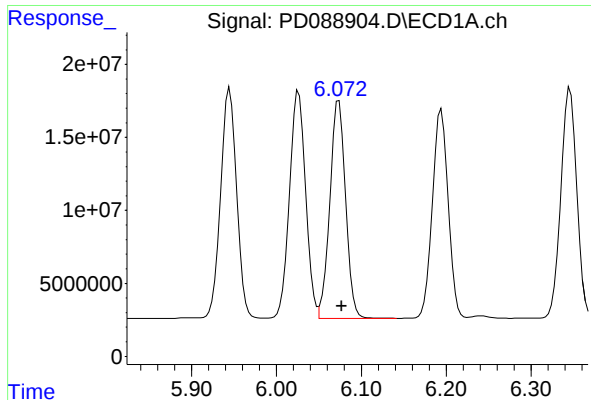
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 204140765
Conc: 51.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 935827397
Conc: 47.09 ng/ml



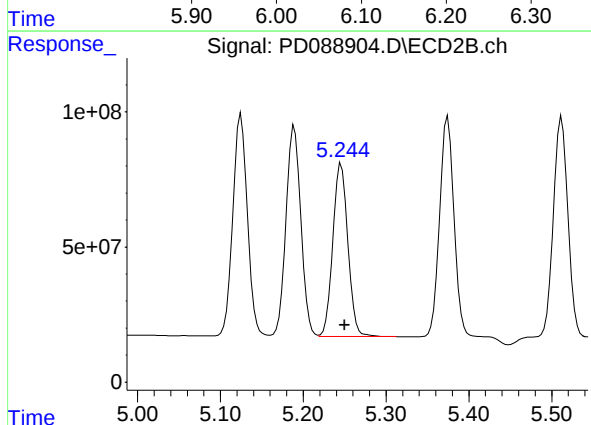
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 192174434
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

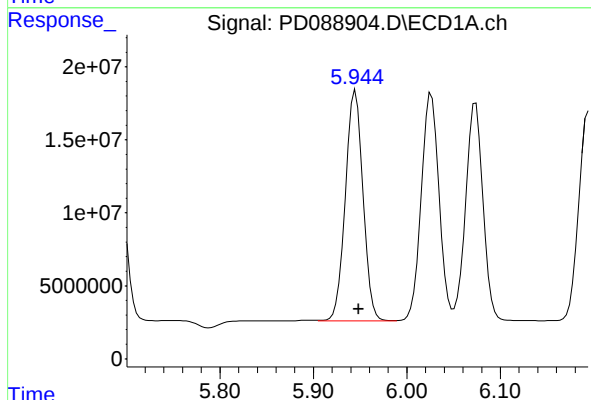
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



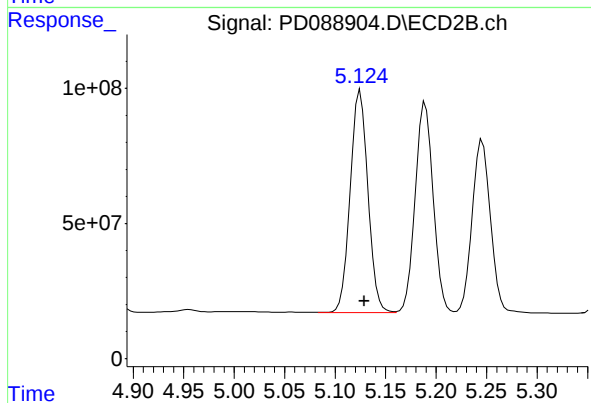
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 810092664
Conc: 42.68 ng/ml



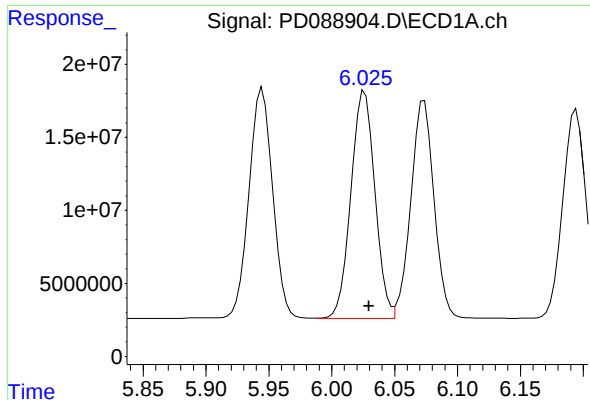
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 207042405
Conc: 51.90 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1007960233
Conc: 47.25 ng/ml



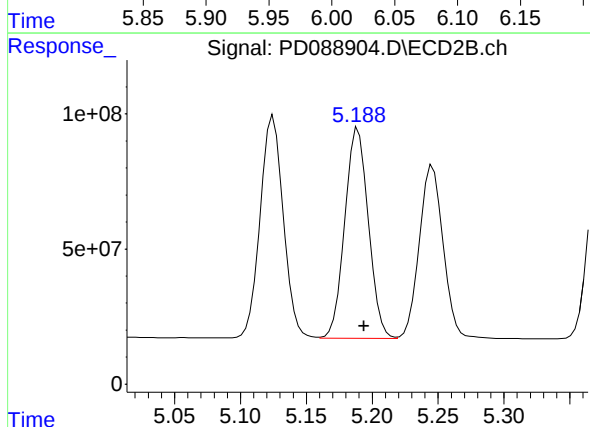
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 206413967
Conc: 51.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

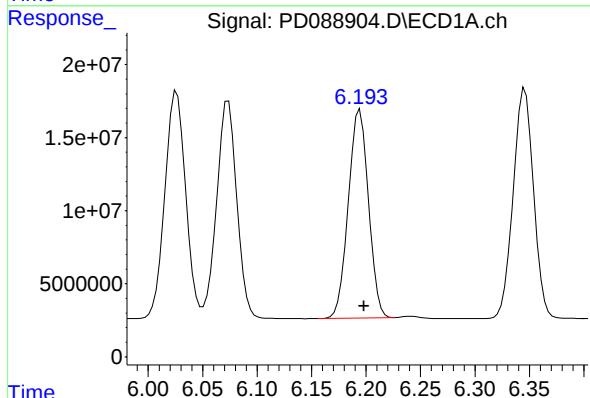
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



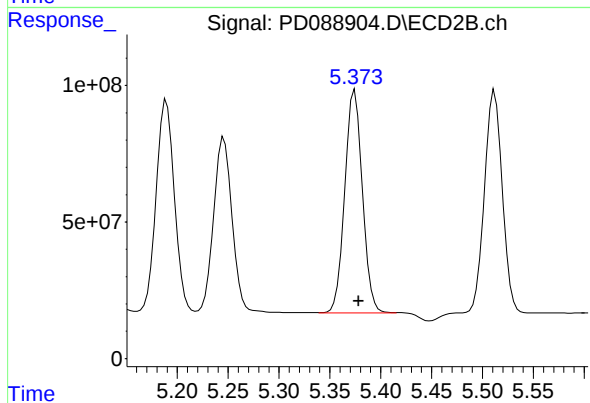
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 969596141
Conc: 47.01 ng/ml



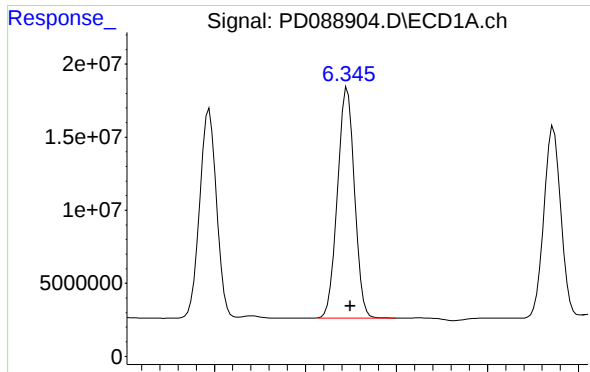
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 183783121
Conc: 51.20 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 983467369
Conc: 47.05 ng/ml m



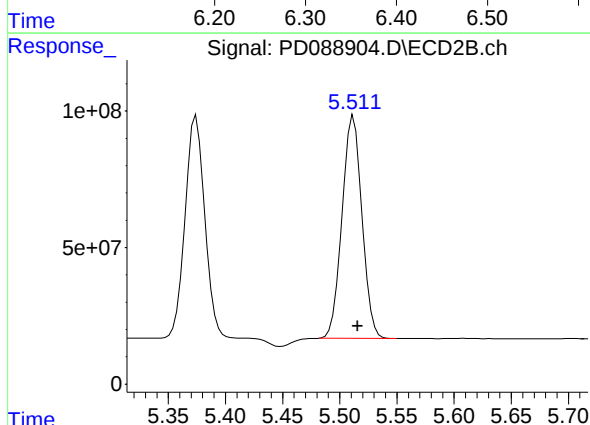
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 204501355
Conc: 50.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

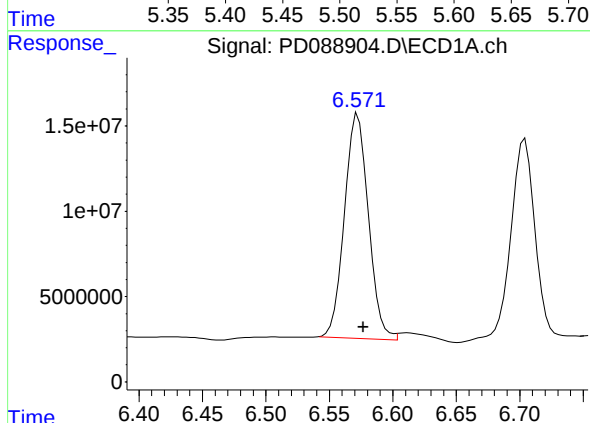
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



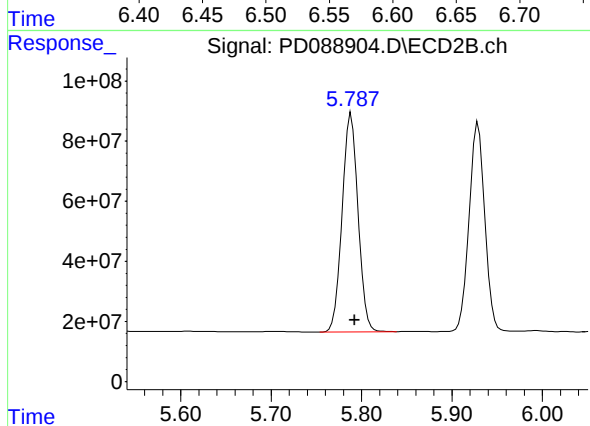
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 990590651
Conc: 47.07 ng/ml



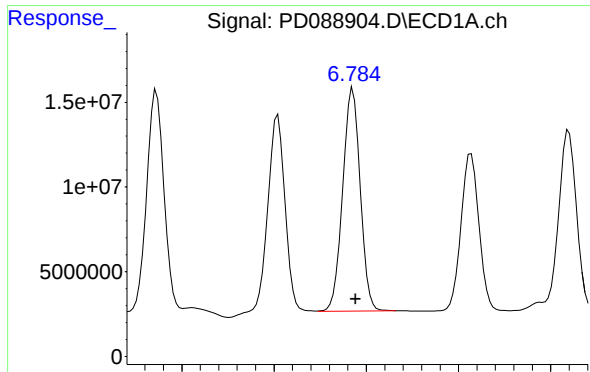
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 173104283
Conc: 50.69 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 891375006
Conc: 46.22 ng/ml



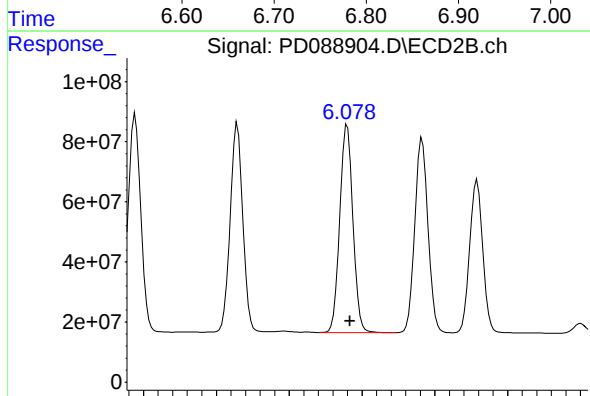
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 173459703
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

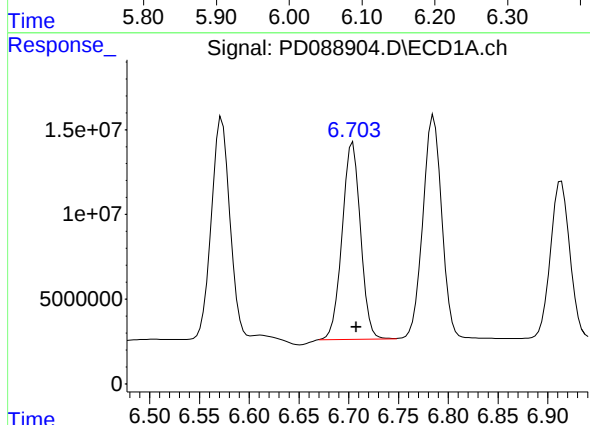
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



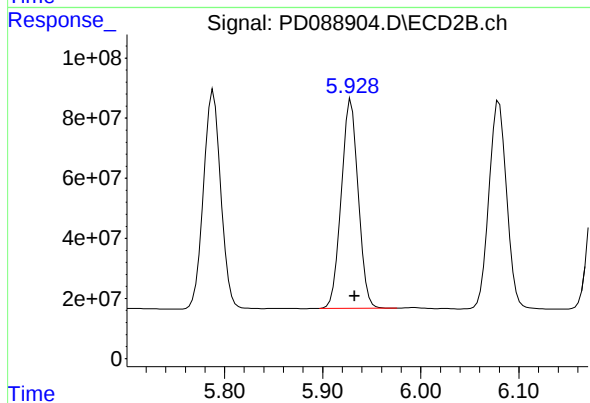
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 867728966
Conc: 47.36 ng/ml



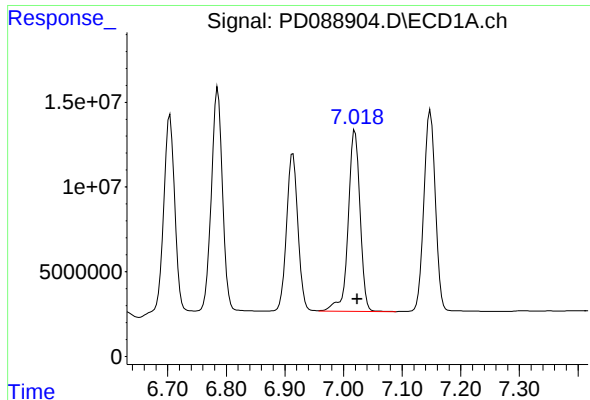
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 149919905
Conc: 53.83 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 835281630
Conc: 48.03 ng/ml



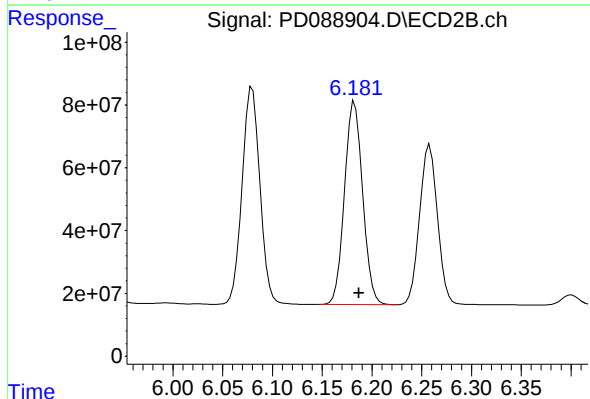
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 150094683
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

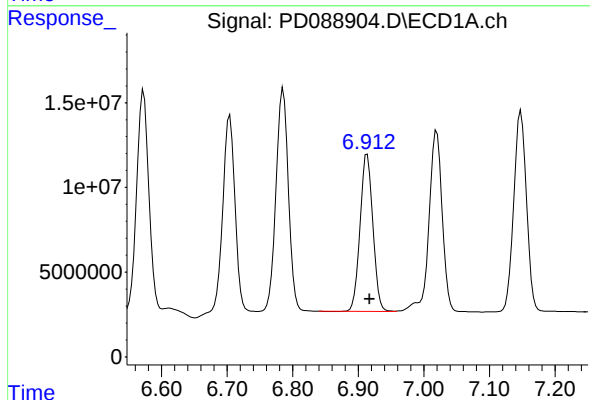
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



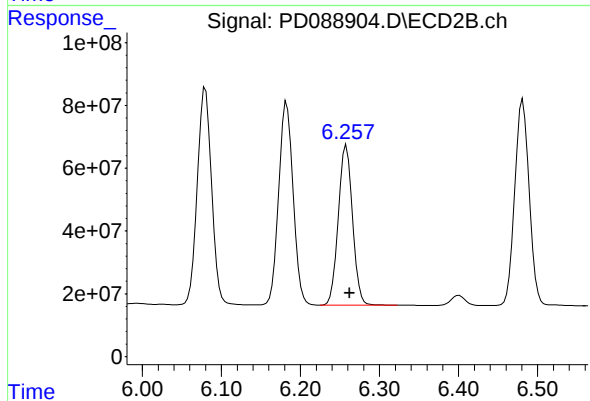
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 823303112
Conc: 45.39 ng/ml



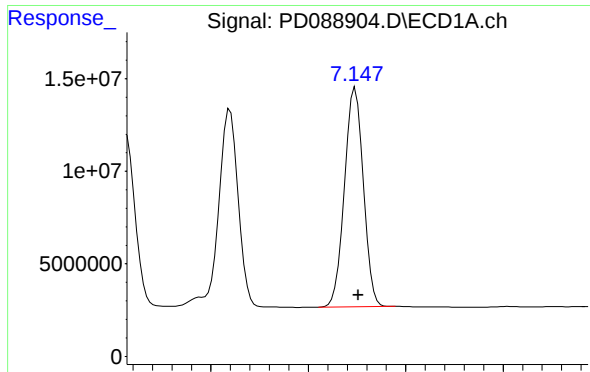
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 126093073
Conc: 48.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 637562056
Conc: 45.77 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.003 min
Response: 159385227
Conc: 49.76 ng/ml

Instrument :

ECD_D

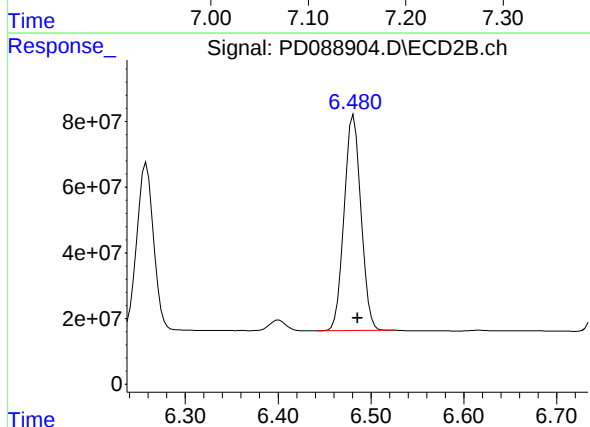
ClientSampleId :

PSTDCCC050

Manual Integrations

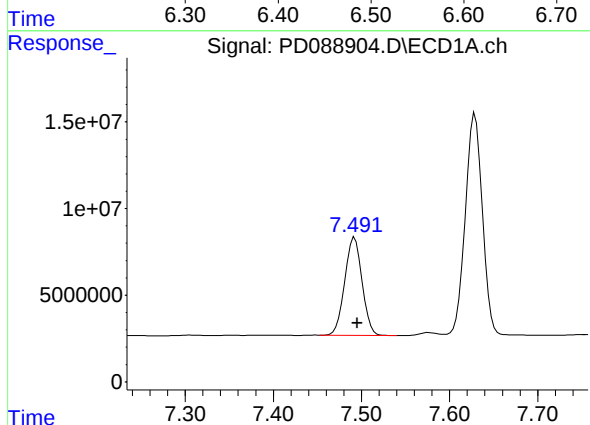
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



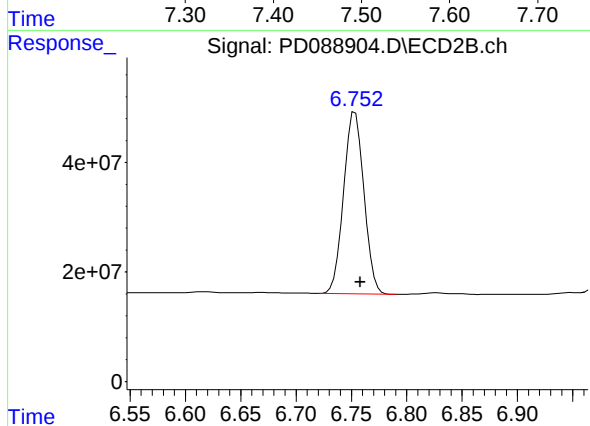
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 828666892
Conc: 46.67 ng/ml



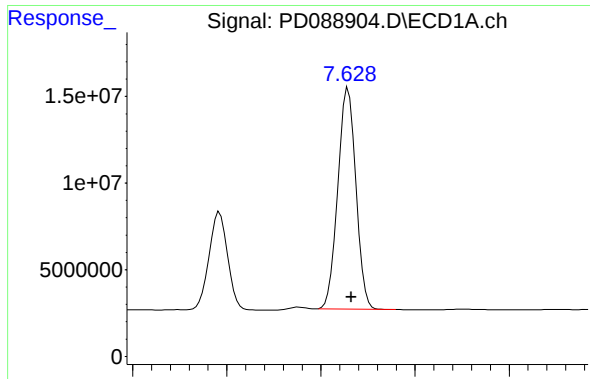
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 77165608
Conc: 46.19 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 425356356
Conc: 44.42 ng/ml



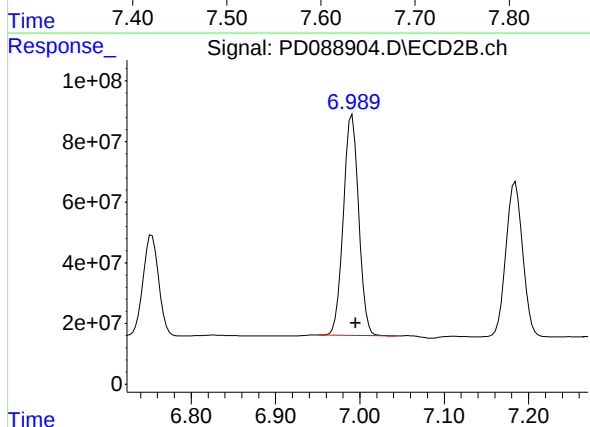
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 170860833
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

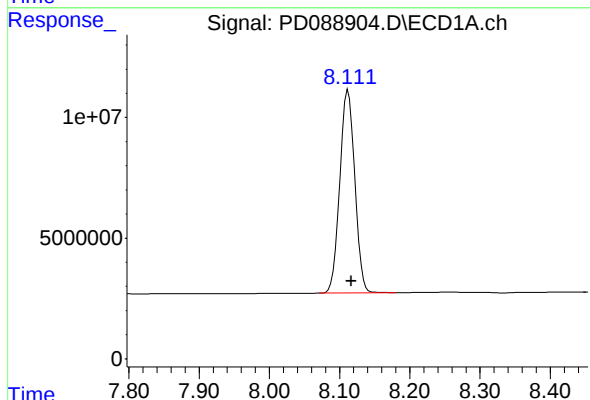
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



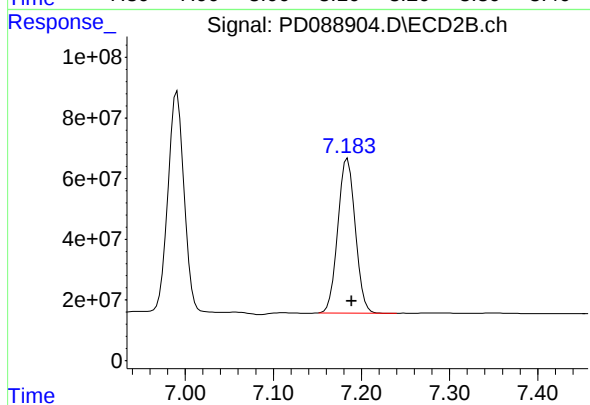
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 918194677
Conc: 47.46 ng/ml



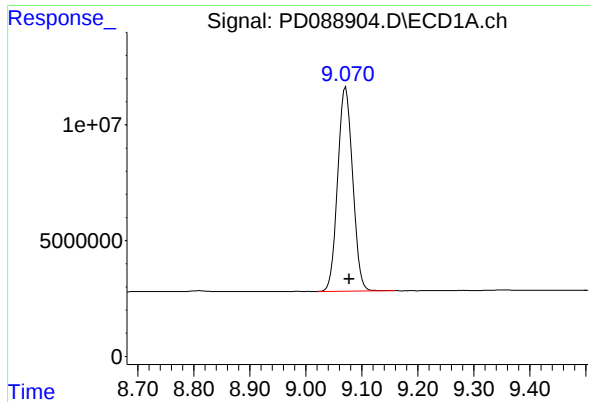
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 124826902
Conc: 48.04 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 701273040
Conc: 46.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 163991386
Conc: 47.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

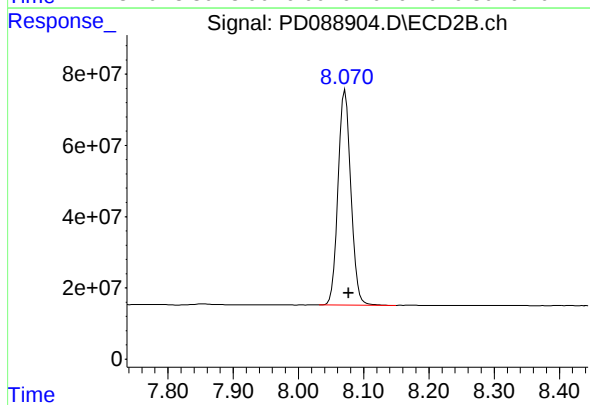
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 824416671
Conc: 45.16 ng/ml