

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
 Data File : PD088573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 19:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 02:21:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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	115.3E6	771.0E6	57.724	52.727
28)	SA Decachlor...	9.075	8.075	160.7E6	760.0E6	48.592	41.128
Target Compounds							
2)	A alpha-BHC	4.001	3.395	260.8E6	1217.7E6	60.489	53.263
3)	MA gamma-BHC...	4.332	3.731	240.3E6	1100.6E6	57.384	51.101
4)	MA Heptachlor	4.931	4.085	215.7E6	1020.3E6	53.398	47.681
5)	MB Aldrin	5.273	4.371	233.9E6	1112.5E6	59.231	53.480
6)	B beta-BHC	4.516	4.027	93312159	483.7E6	57.480	52.264
7)	B delta-BHC	4.765	4.264	241.1E6	1113.4E6	58.452	52.367
8)	B Heptachlo...	5.692	4.875	203.1E6	969.4E6	56.824	51.309
9)	A Endosulfan I	6.076	5.249	190.0E6	857.6E6	56.249	47.609
10)	B gamma-Chl...	5.947	5.128	206.9E6	1038.4E6	57.129	51.164
11)	B alpha-Chl...	6.029	5.192	204.1E6	993.9E6	56.556	50.700
12)	B 4,4'-DDE	6.197	5.377	179.7E6	1036.9E6	54.494	52.649
13)	MA Dieldrin	6.348	5.515	202.1E6	1014.2E6	56.637	50.879
14)	MA Endrin	6.576	5.791	161.0E6	905.0E6	53.975	49.721
15)	B Endosulfa...	6.788	6.082	160.4E6	848.8E6	51.310	48.444
16)	A 4,4'-DDD	6.707	5.931	146.5E6	862.2E6	58.238	52.615
17)	MA 4,4'-DDT	7.023	6.186	118.6E6	682.2E6	42.711	40.089
18)	B Endrin al...	6.917	6.261	112.6E6	602.9E6	48.784	45.325
19)	B Endosulfa...	7.151	6.484	154.8E6	809.9E6	53.815	47.270
20)	A Methoxychlor	7.495	6.755	63495162	365.9E6	42.343	40.119m
21)	B Endrin ke...	7.632	6.994	158.8E6	844.3E6	51.452	45.139
22)	Mirex	8.116	7.187	112.6E6	652.2E6	47.936	44.004

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 19:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

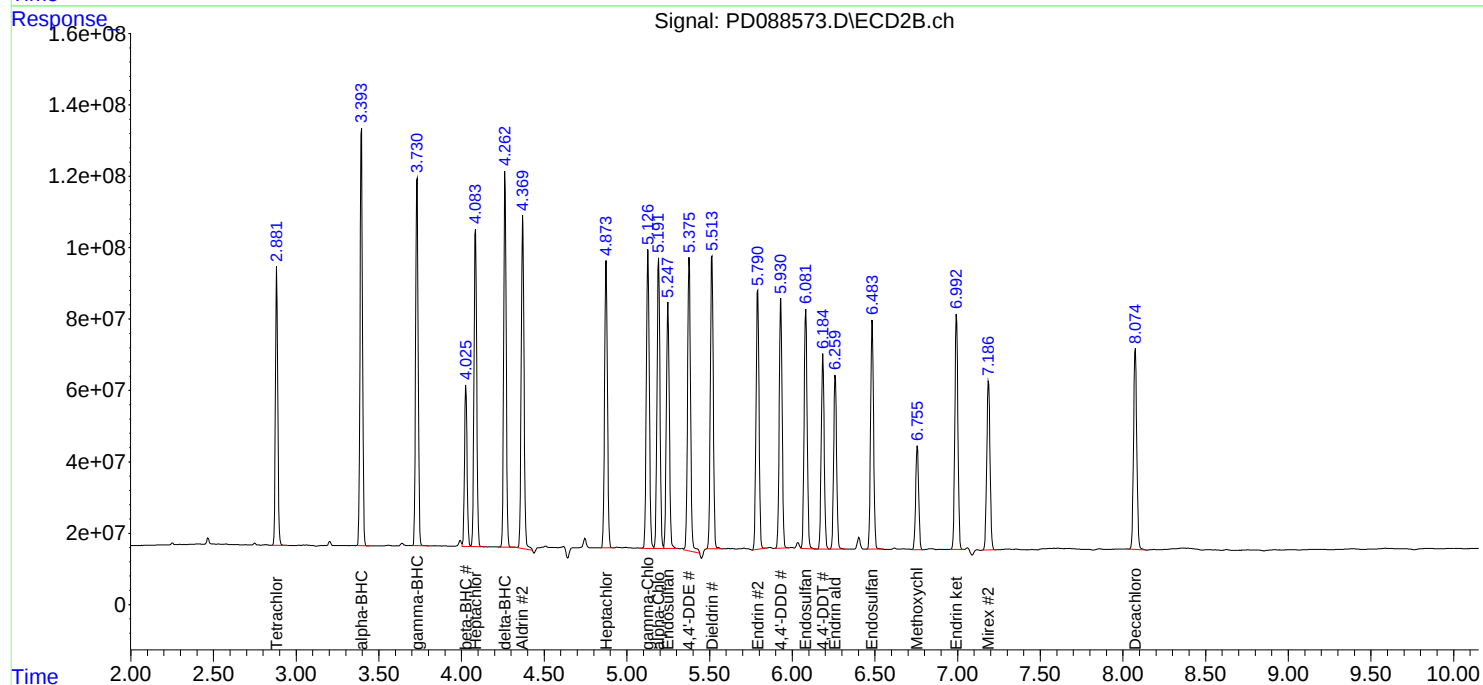
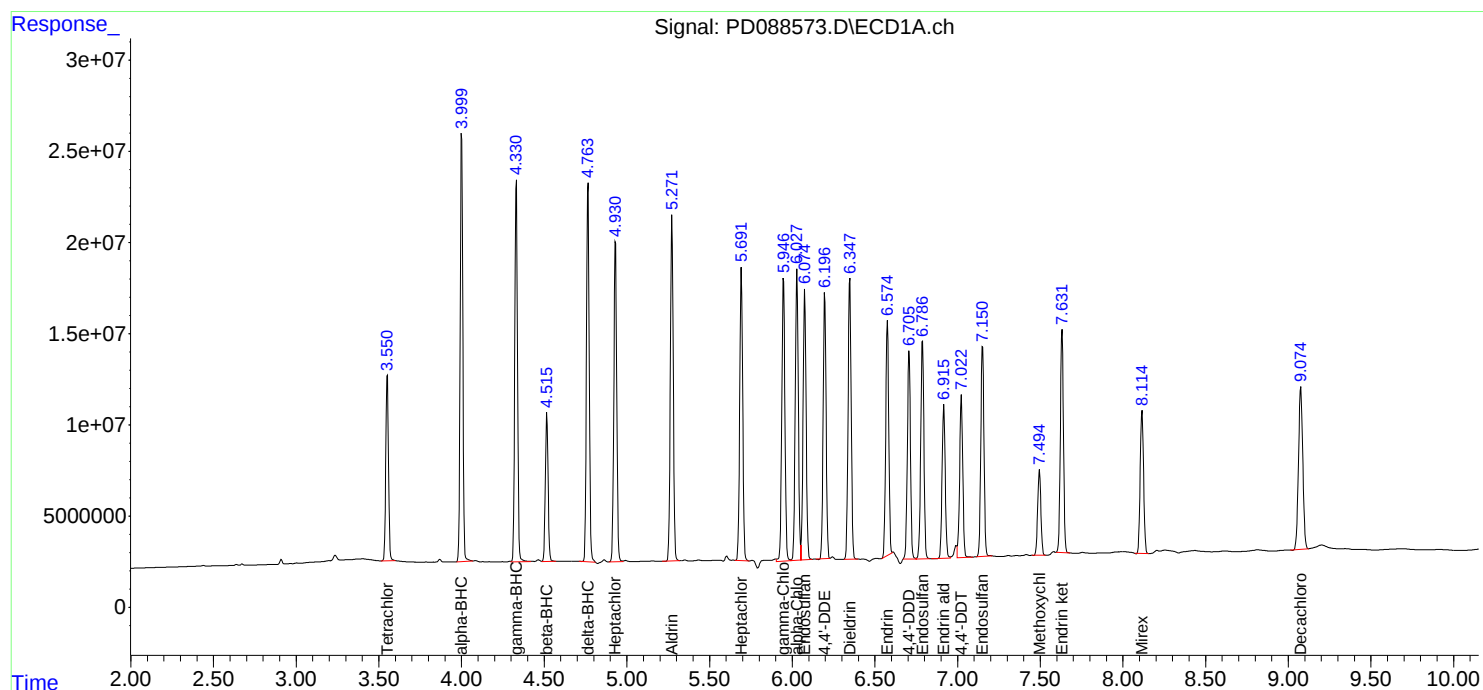
APPROVED

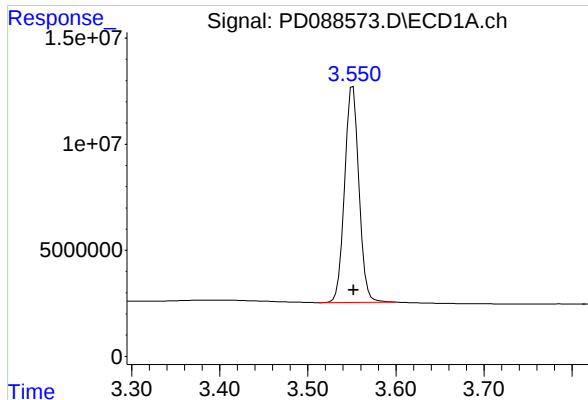
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:21:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





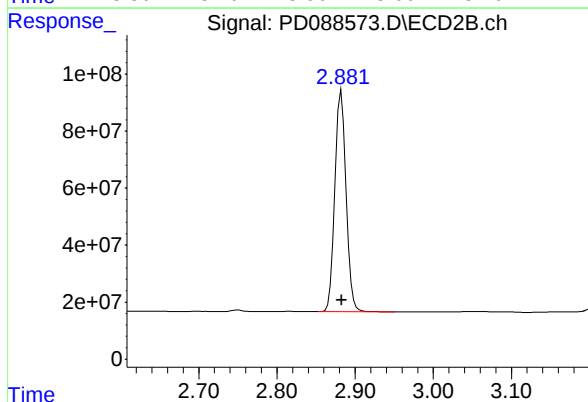
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 115297237
Conc: 57.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

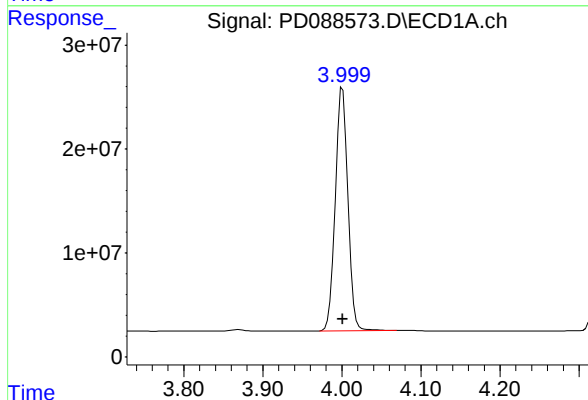
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



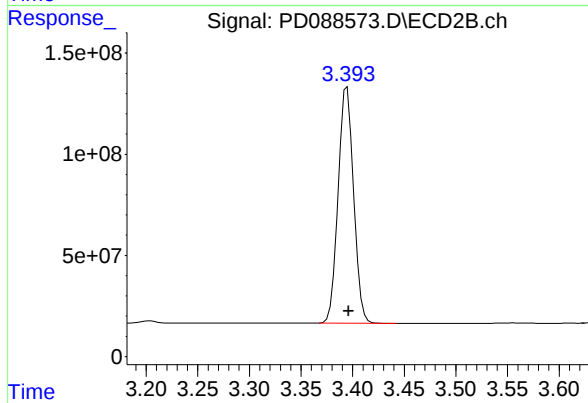
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 770954531
Conc: 52.73 ng/ml



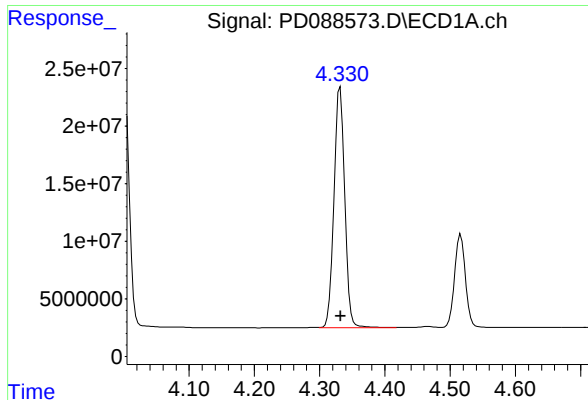
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 260829636
Conc: 60.49 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1217677244
Conc: 53.26 ng/ml



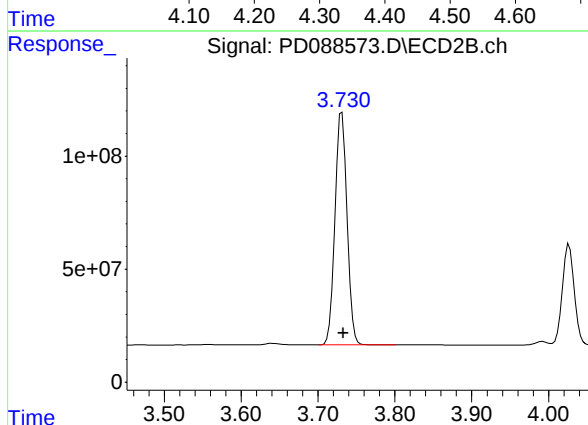
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 240294542
Conc: 57.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

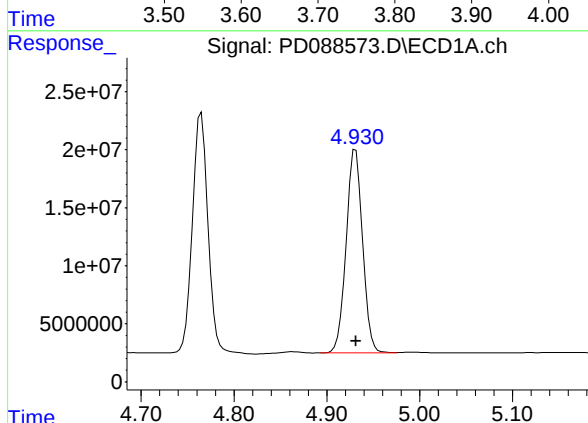
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



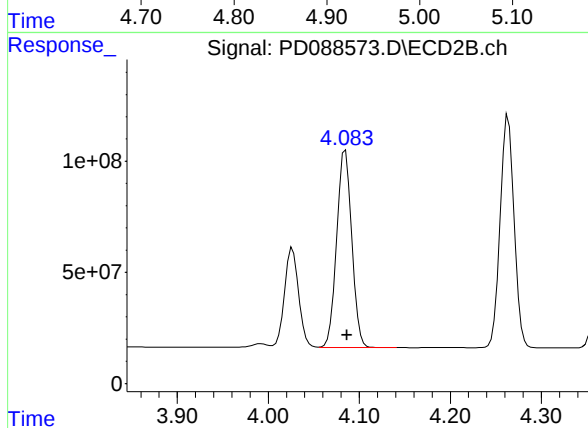
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1100649478
Conc: 51.10 ng/ml



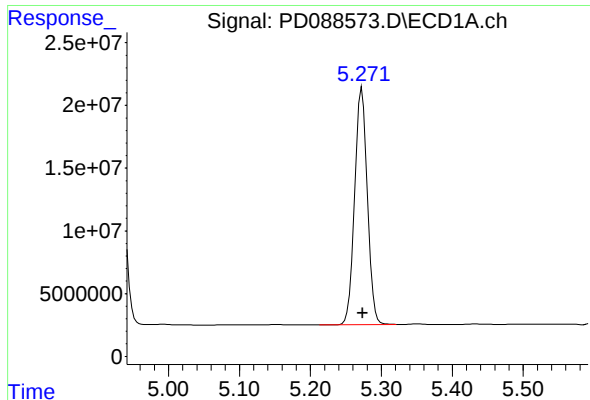
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 215673999
Conc: 53.40 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1020287532
Conc: 47.68 ng/ml



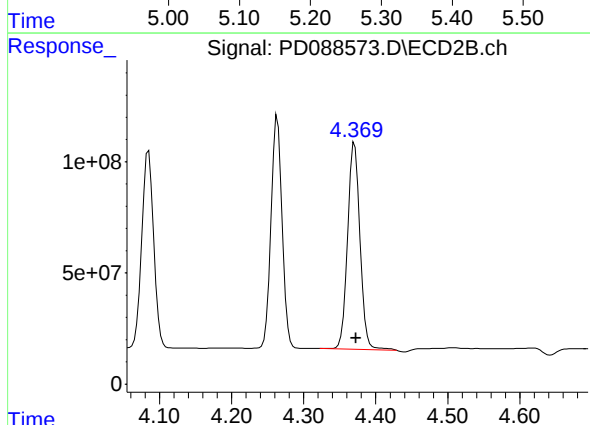
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 233939721
Conc: 59.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

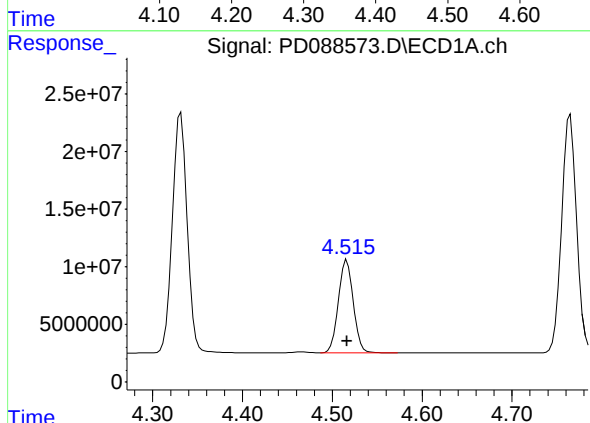
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



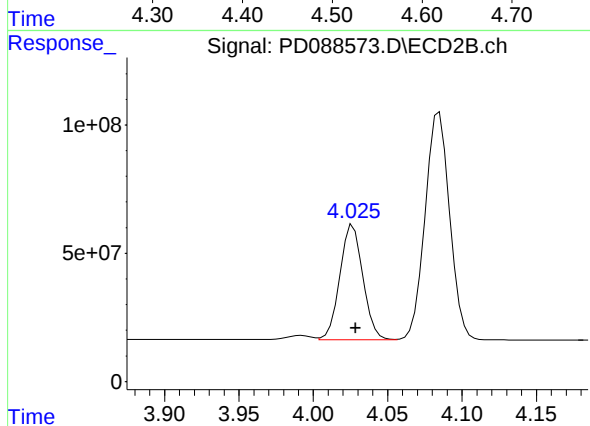
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 111252552
Conc: 53.48 ng/ml



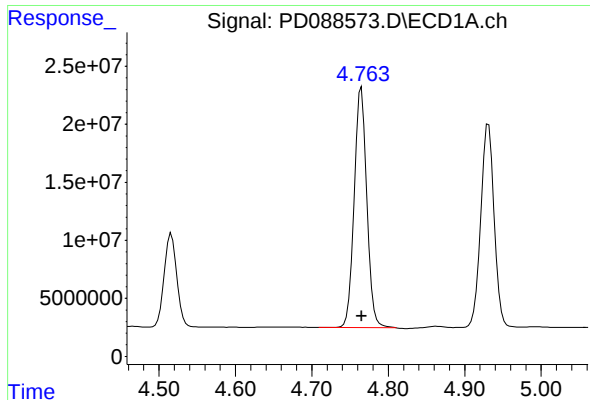
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 93312159
Conc: 57.48 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 483658374
Conc: 52.26 ng/ml



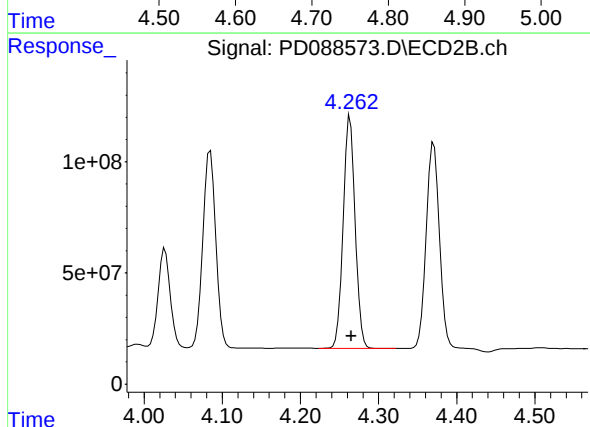
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 241113699
Conc: 58.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

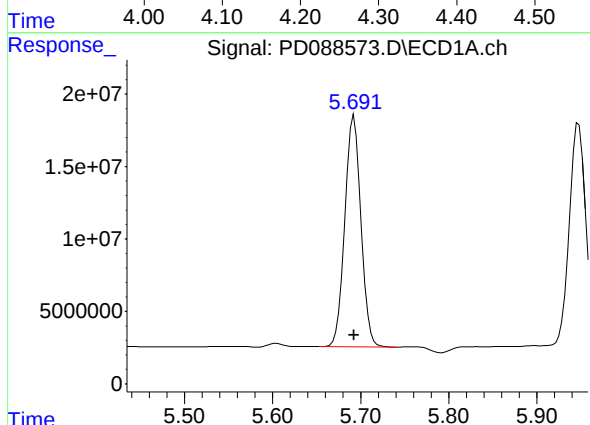
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



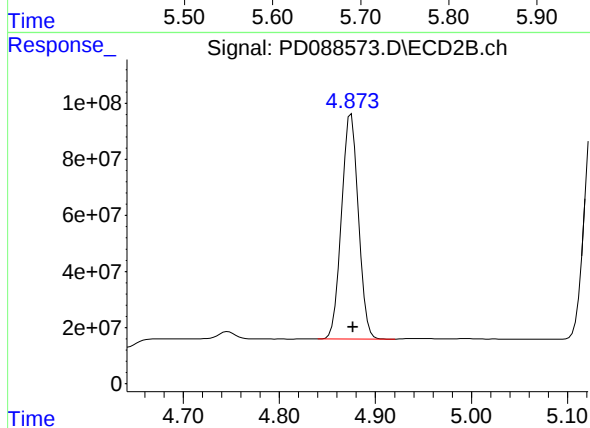
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 1113409617
Conc: 52.37 ng/ml



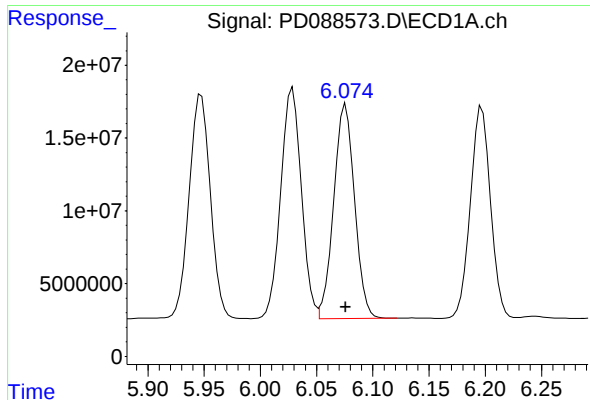
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 203086247
Conc: 56.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 969448265
Conc: 51.31 ng/ml



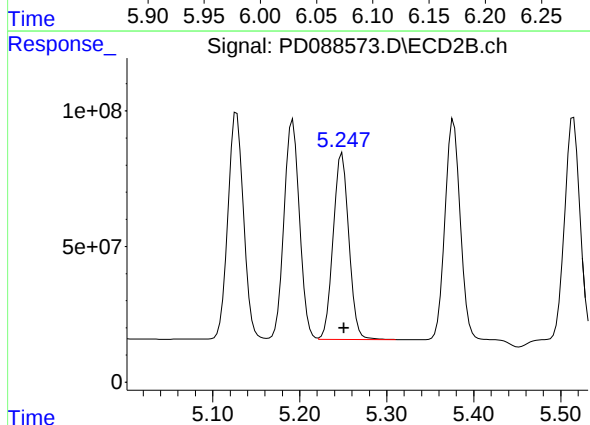
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 189961918
Conc: 56.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

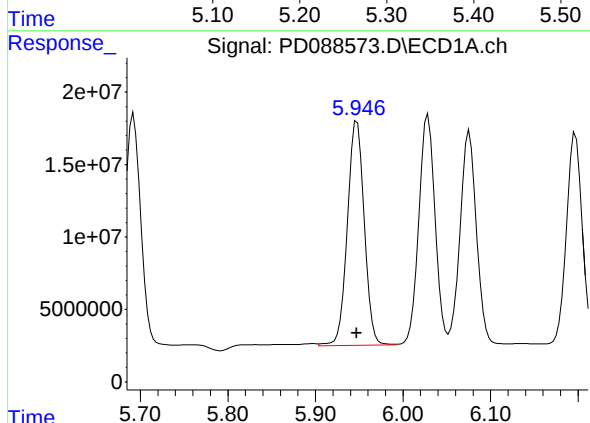
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



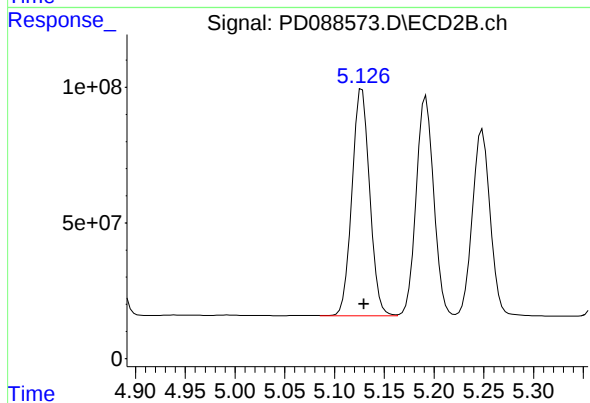
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 857555217
Conc: 47.61 ng/ml



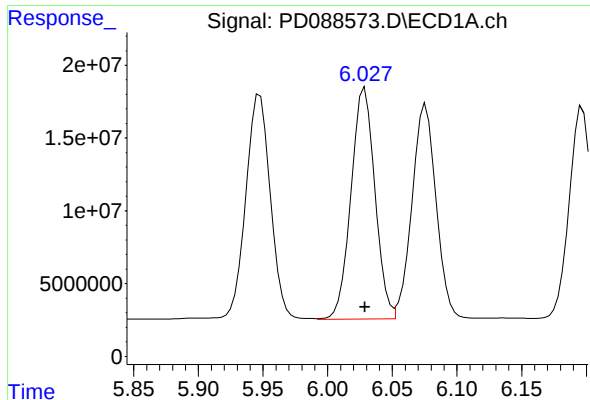
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 206925481
Conc: 57.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 1038429005
Conc: 51.16 ng/ml



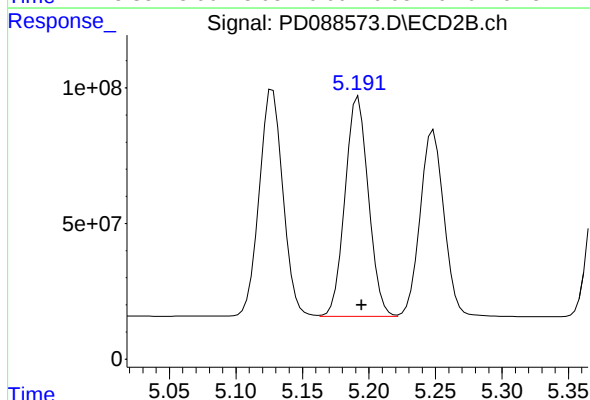
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 204143419
Conc: 56.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

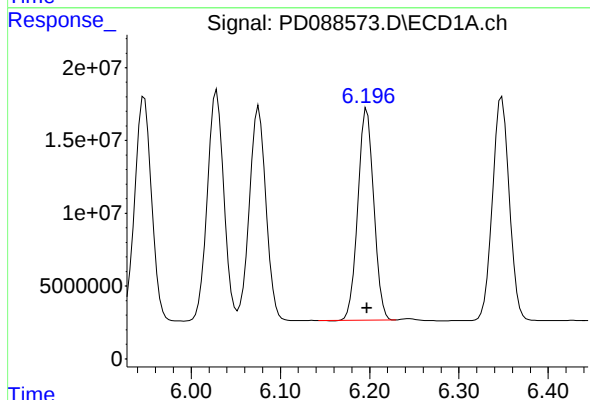
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



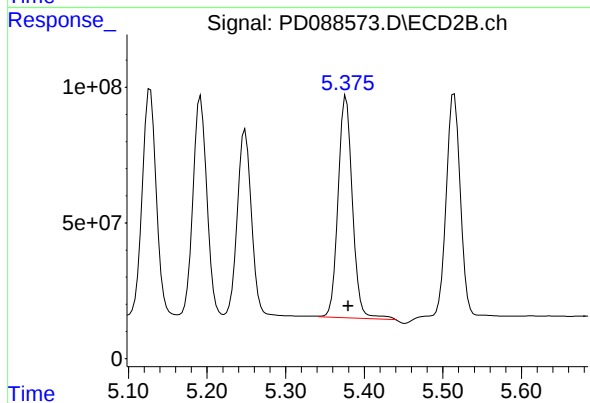
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 993869003
Conc: 50.70 ng/ml



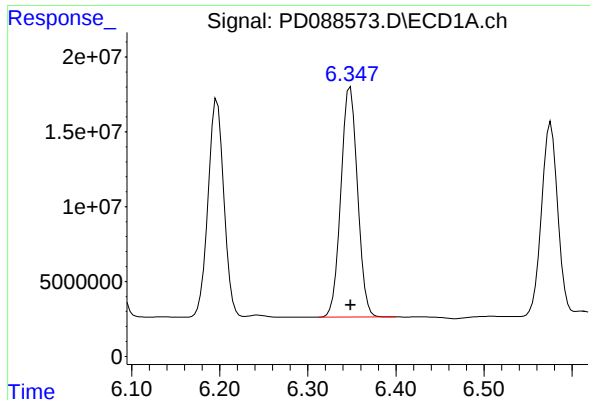
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 179734857
Conc: 54.49 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 1036863347
Conc: 52.65 ng/ml



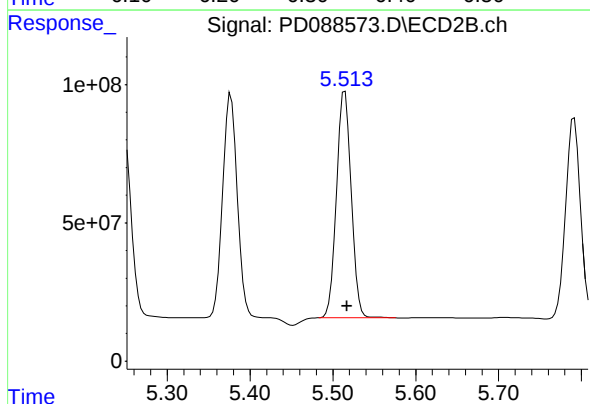
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 202107742
Conc: 56.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

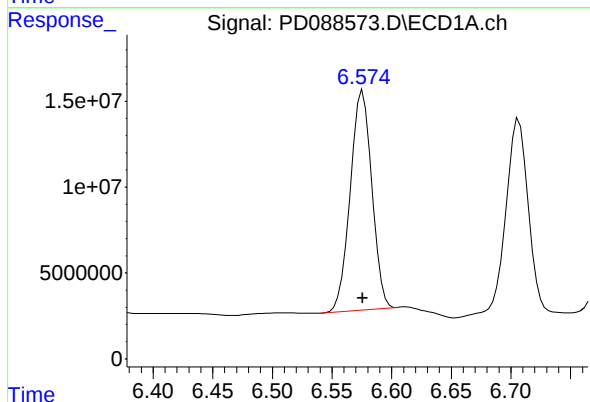
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



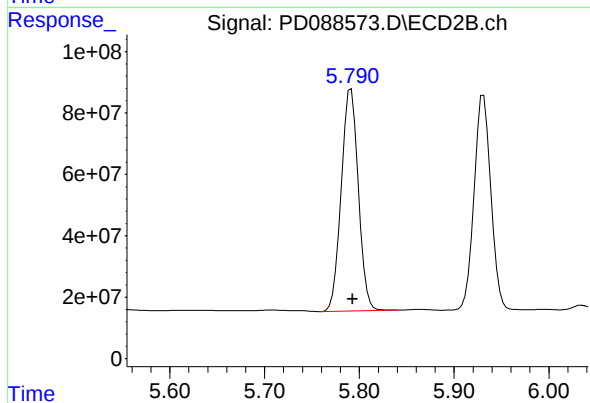
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 1014154997
Conc: 50.88 ng/ml



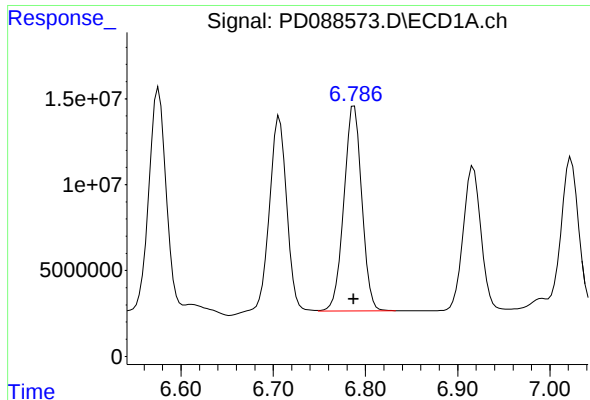
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 160984722
Conc: 53.98 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 905041760
Conc: 49.72 ng/ml



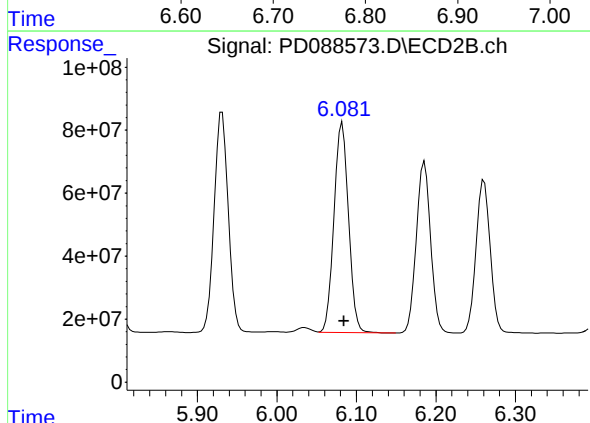
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 160404697
Conc: 51.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

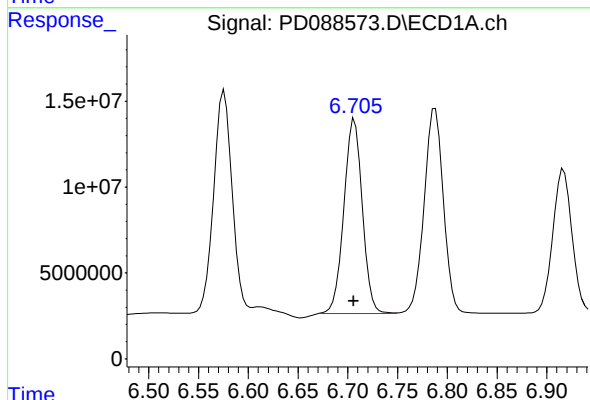
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



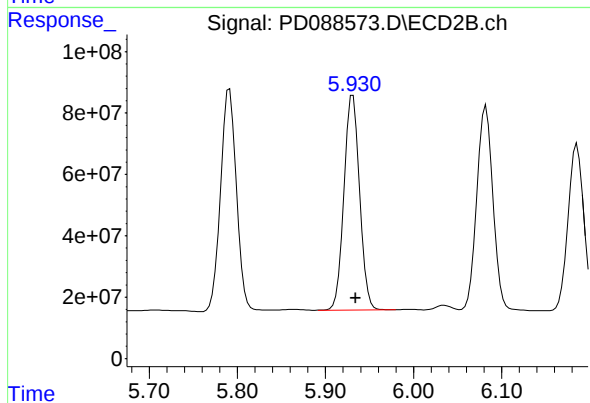
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 848819232
Conc: 48.44 ng/ml



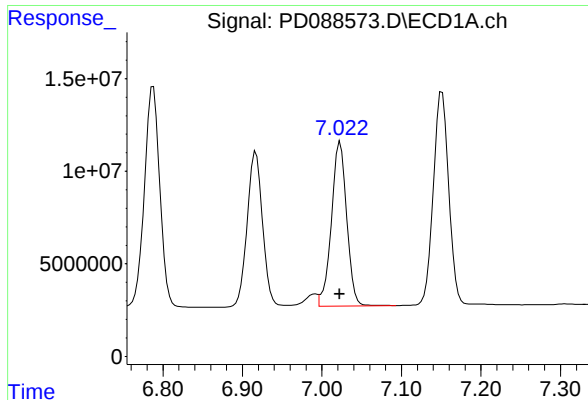
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 146465081
Conc: 58.24 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 862164221
Conc: 52.62 ng/ml



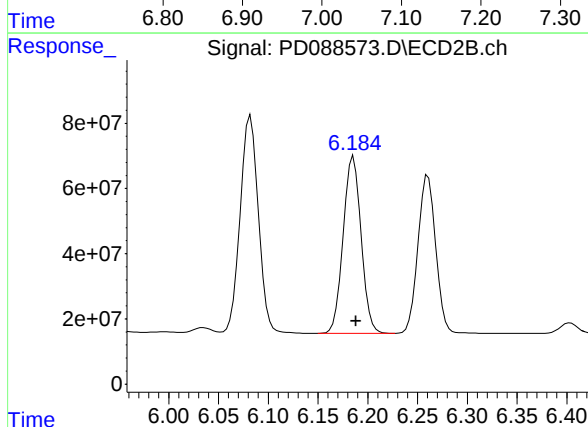
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 118630511
Conc: 42.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

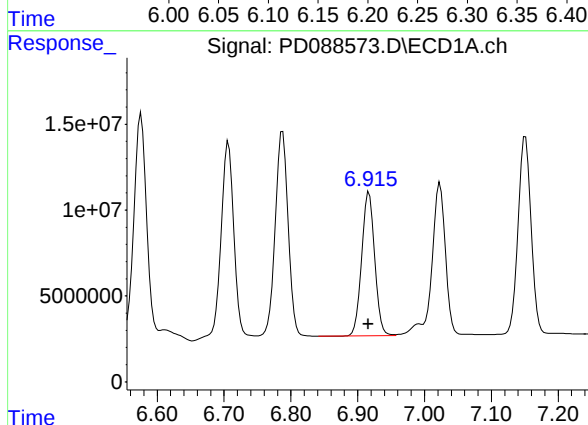
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



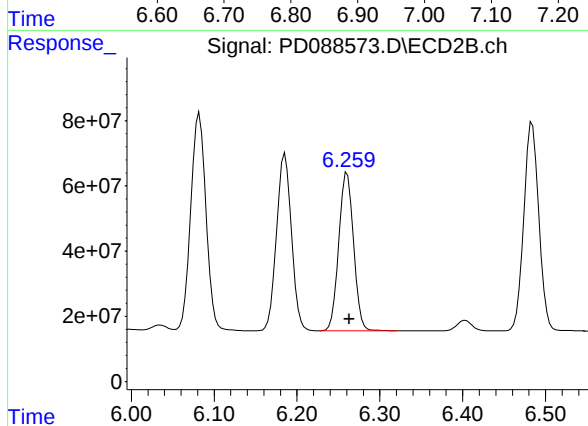
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 682182076
Conc: 40.09 ng/ml



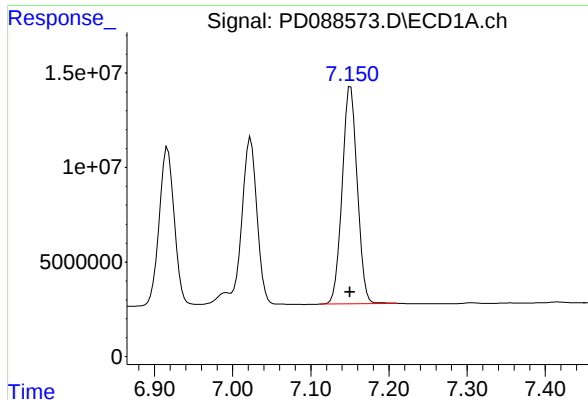
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 112592132
Conc: 48.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 602860184
Conc: 45.32 ng/ml



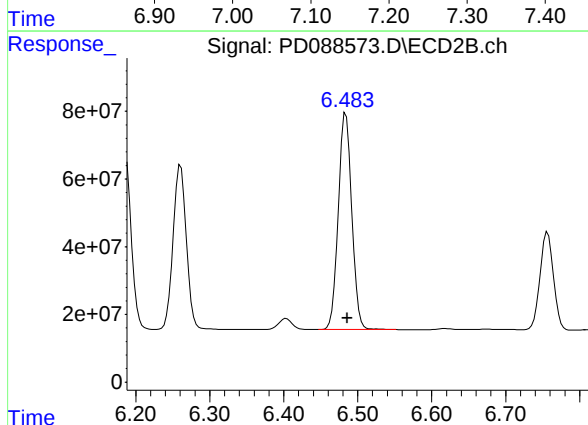
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 154762679
Conc: 53.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

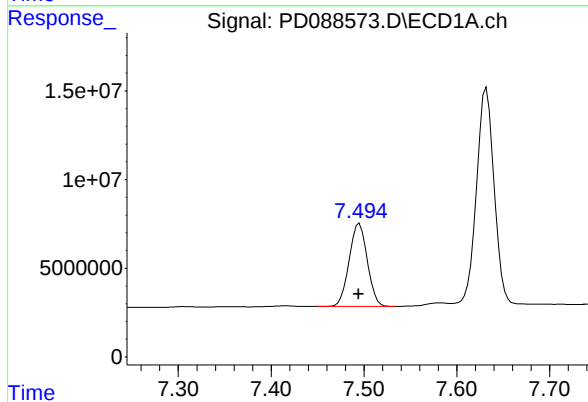
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



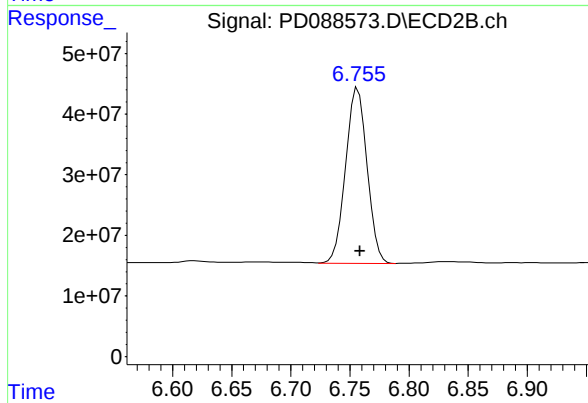
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 809893270
Conc: 47.27 ng/ml



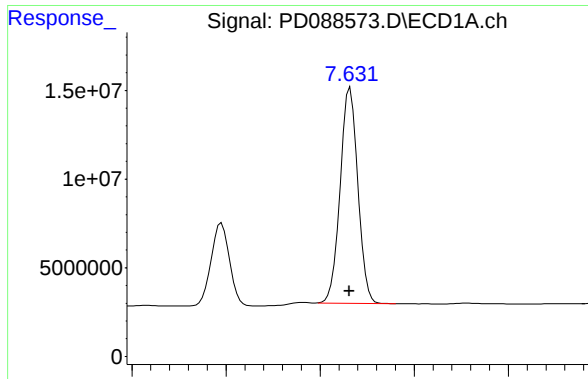
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 63495162
Conc: 42.34 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 365931893
Conc: 40.12 ng/ml m



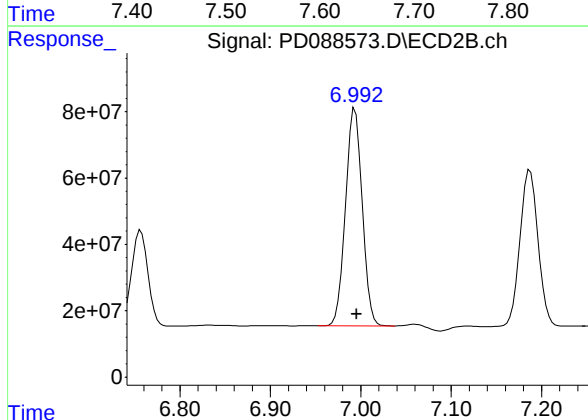
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 158811903
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

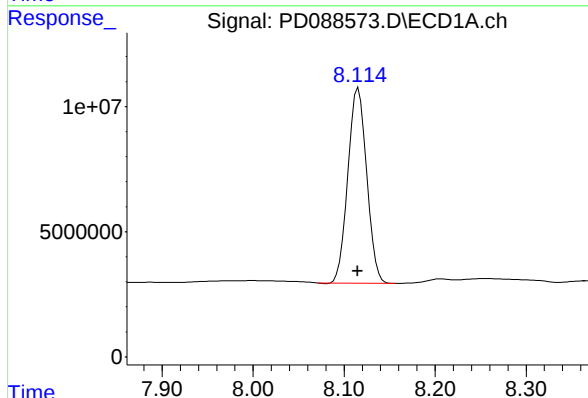
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



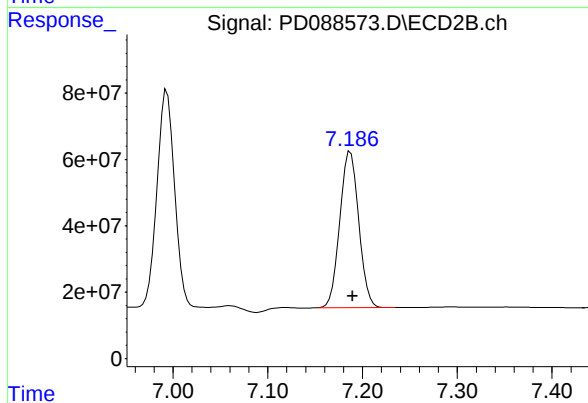
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 844280216
Conc: 45.14 ng/ml



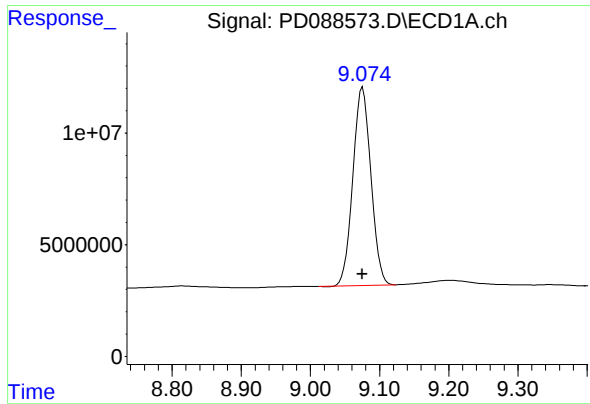
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 112568164
Conc: 47.94 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 652188709
Conc: 44.00 ng/ml



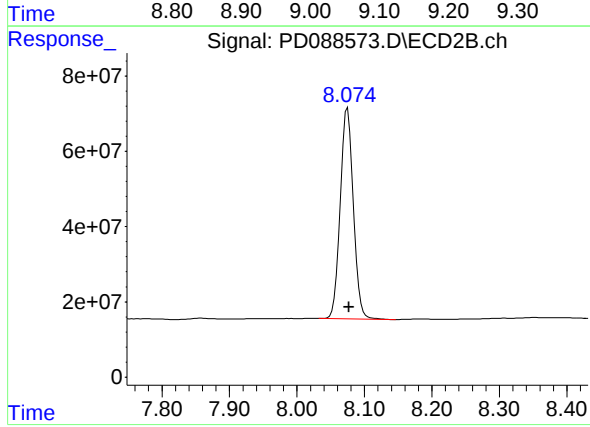
#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 160748737
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 760020389
Conc: 41.13 ng/ml