

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 15:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2025
 Supervised By : mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 01:42:18 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.879	126.0E6	735.2E6	58.227	48.605
28)	SA Decachlor...	9.074	8.072	181.1E6	926.6E6	52.913	50.757
Target Compounds							
2)	A alpha-BHC	3.998	3.392	263.8E6	1162.8E6	55.228	48.646
3)	MA gamma-BHC...	4.329	3.729	250.5E6	1077.8E6	54.419	48.625
4)	MA Heptachlor	4.929	4.082	245.8E6	1078.5E6	54.977	48.029
5)	MB Aldrin	5.271	4.367	238.7E6	1061.2E6	54.307	48.390m
6)	B beta-BHC	4.514	4.024	97293119	458.6E6	53.957	47.077
7)	B delta-BHC	4.763	4.261	243.7E6	1081.4E6	57.662	48.506
8)	B Heptachlo...	5.690	4.872	214.9E6	953.4E6	54.135	47.980
9)	A Endosulfan I	6.074	5.246	200.3E6	829.4E6	53.231	43.703
10)	B gamma-Chl...	5.945	5.125	213.6E6	1032.2E6	53.547	48.385
11)	B alpha-Chl...	6.026	5.190	214.6E6	990.9E6	53.554	48.046
12)	B 4,4'-DDE	6.195	5.373	193.4E6	1009.2E6	53.870	48.280m
13)	MA Dieldrin	6.346	5.512	214.6E6	1014.8E6	53.484	48.221
14)	MA Endrin	6.574	5.789	187.1E6	930.3E6	54.771	48.244
15)	B Endosulfa...	6.786	6.080	181.9E6	889.2E6	52.817	48.531
16)	A 4,4'-DDD	6.704	5.928	156.1E6	844.2E6	56.053	48.537
17)	MA 4,4'-DDT	7.021	6.183	168.8E6	898.6E6	54.054	49.545
18)	B Endrin al...	6.915	6.258	137.6E6	680.1E6	53.450	48.827
19)	B Endosulfa...	7.149	6.482	169.5E6	858.8E6	52.925	48.367
20)	A Methoxychlor	7.494	6.754	89599389	464.5E6	53.635	48.508
21)	B Endrin ke...	7.630	6.991	182.8E6	952.0E6	53.407	49.205
22)	Mirex	8.114	7.185	136.6E6	748.5E6	52.591	49.234

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 15:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

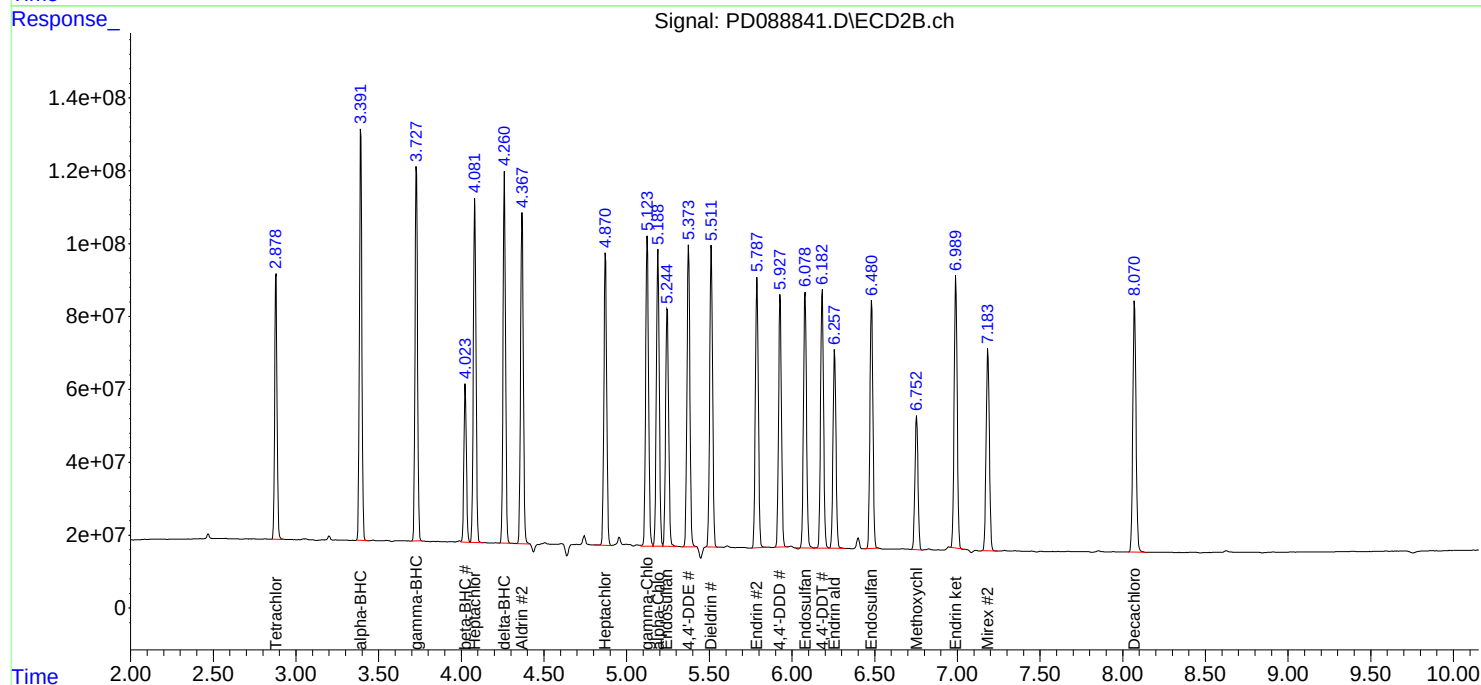
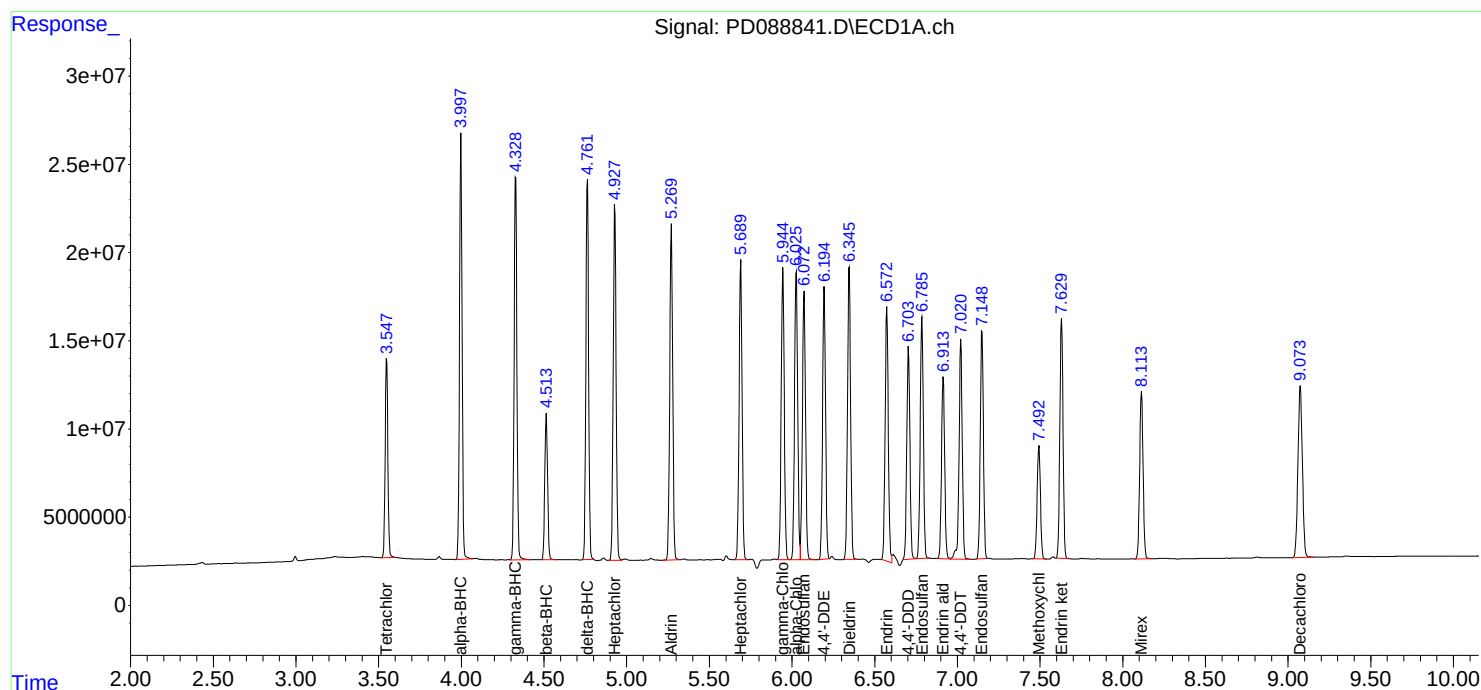
APPROVED

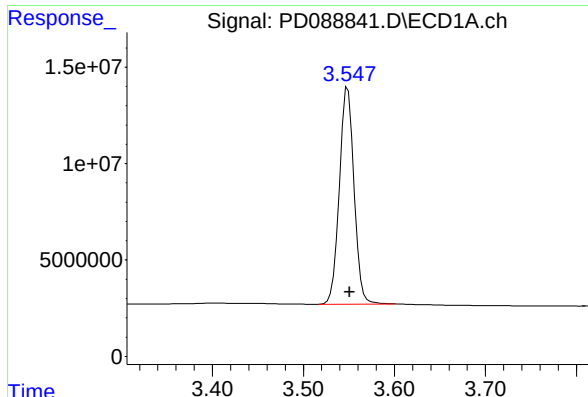
Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 01:42:18 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





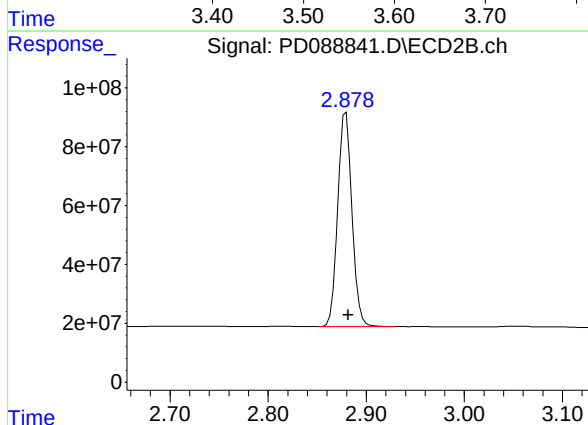
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 125988125
Conc: 58.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

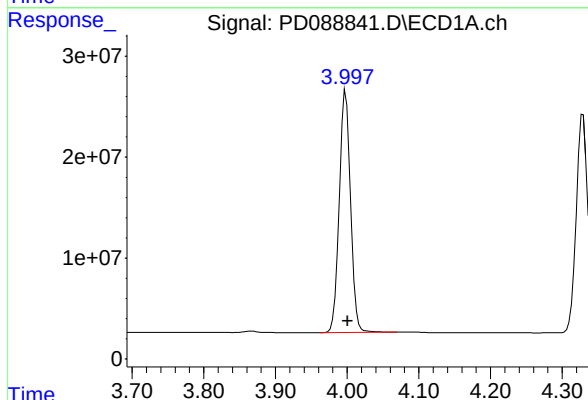
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



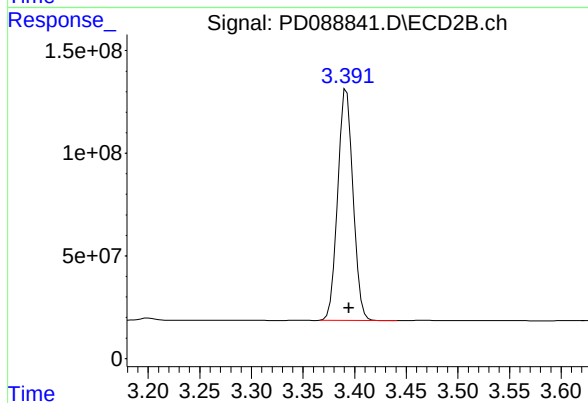
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 735243844
Conc: 48.61 ng/ml



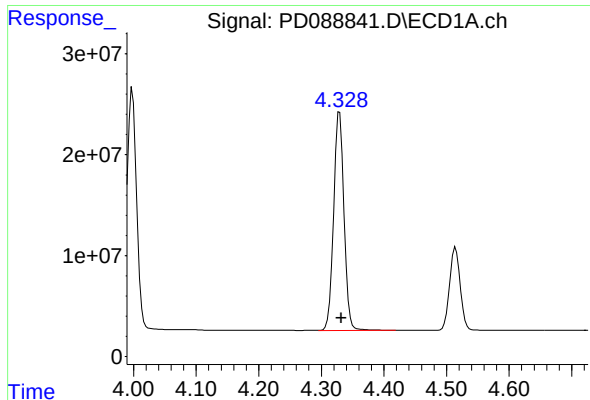
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 263801381
Conc: 55.23 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 1162816789
Conc: 48.65 ng/ml



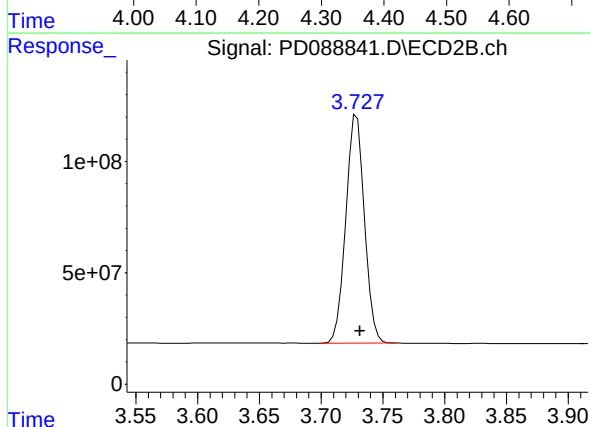
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 250473568
Conc: 54.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

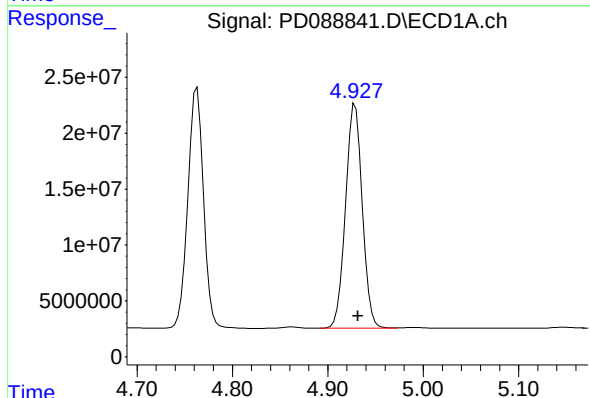
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



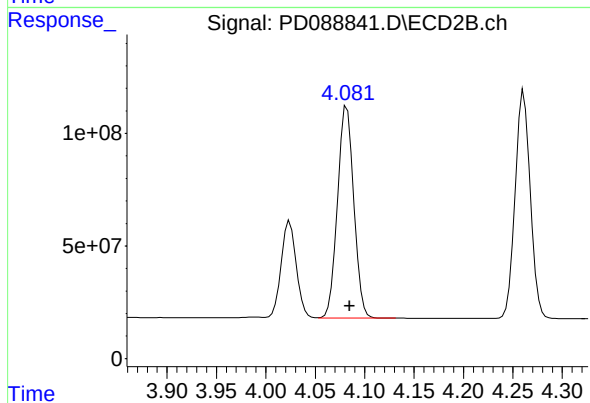
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.003 min
Response: 1077799224
Conc: 48.62 ng/ml



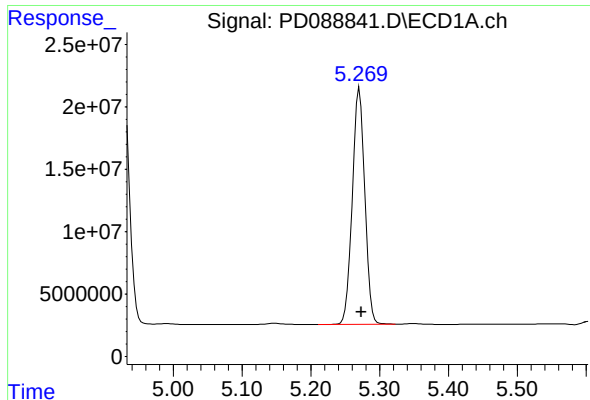
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 245814463
Conc: 54.98 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1078488825
Conc: 48.03 ng/ml



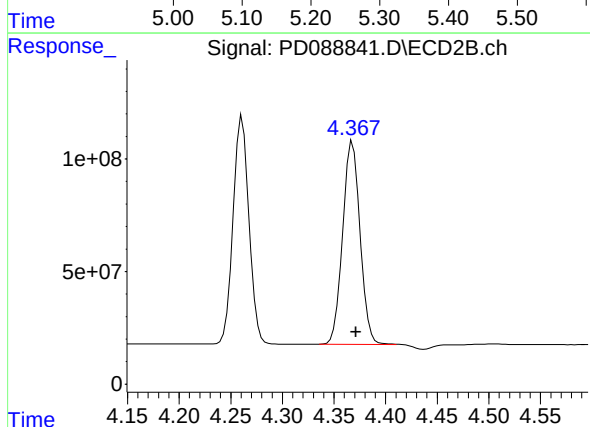
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 238652952
Conc: 54.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

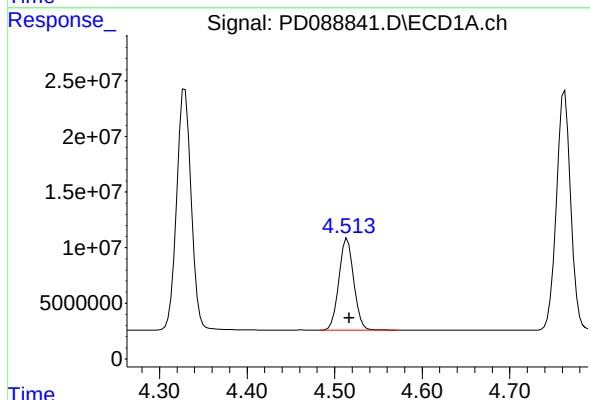
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



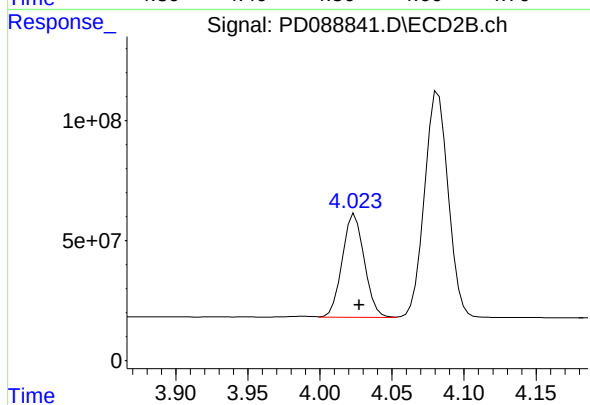
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.005 min
Response: 1061196625
Conc: 48.39 ng/ml



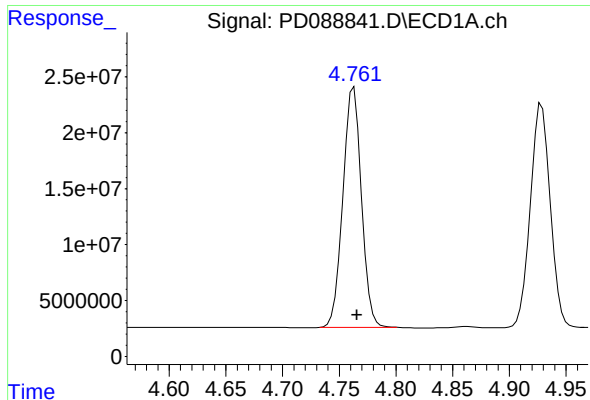
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 97293119
Conc: 53.96 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 458619077
Conc: 47.08 ng/ml



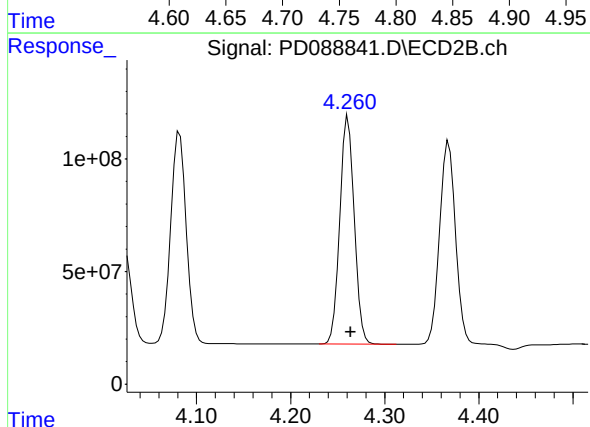
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 243686625
Conc: 57.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

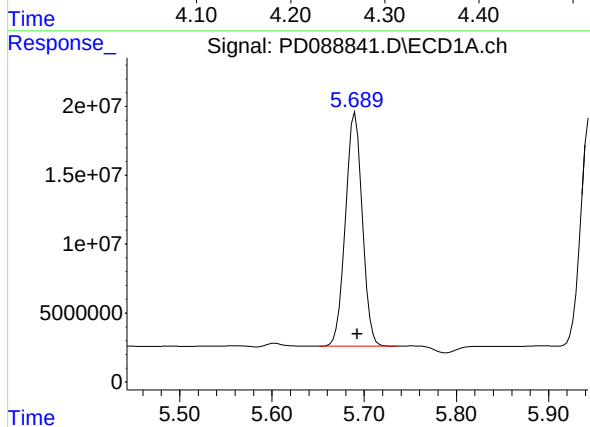
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



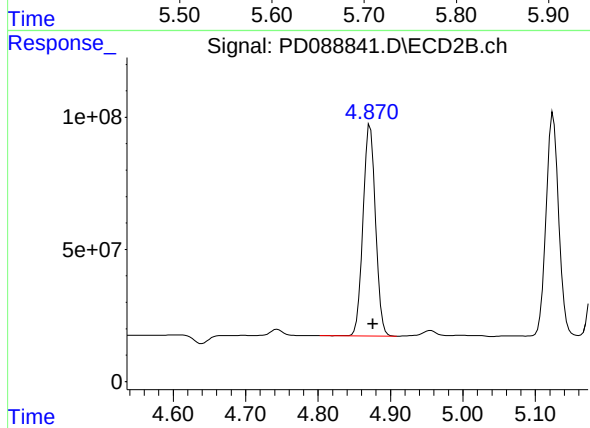
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1081392923
Conc: 48.51 ng/ml



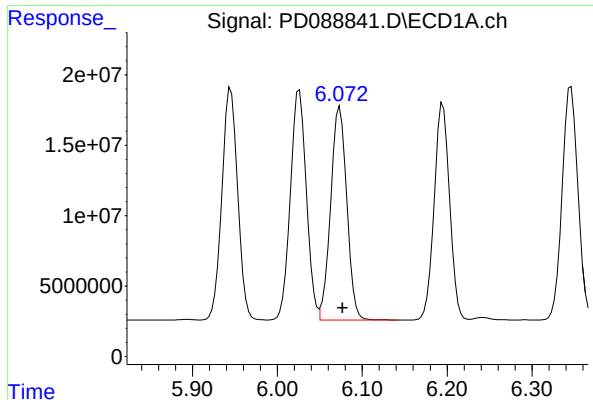
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 214876671
Conc: 54.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 953420836
Conc: 47.98 ng/ml



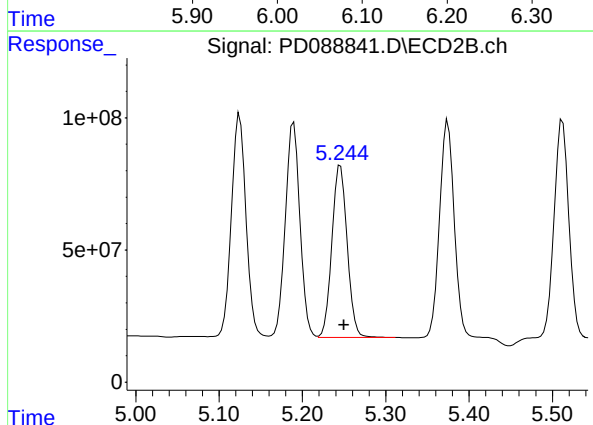
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 200303478
Conc: 53.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

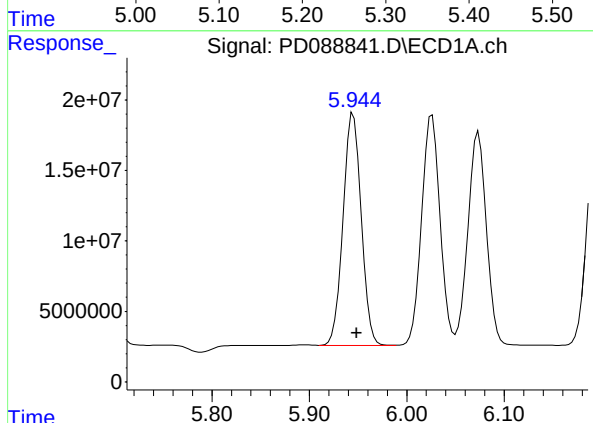
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



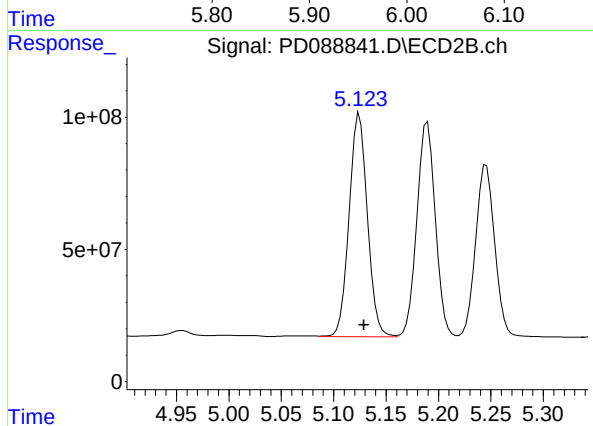
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 829406569
Conc: 43.70 ng/ml



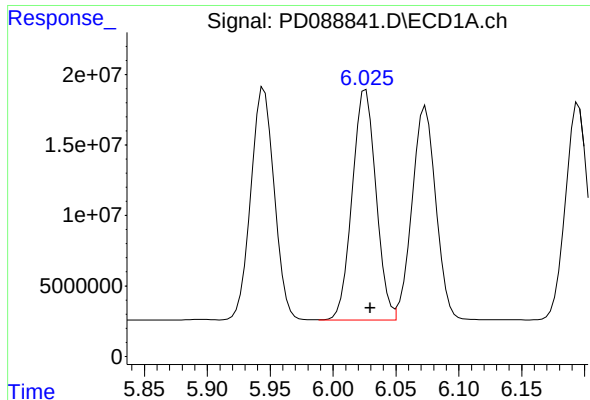
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 213595353
Conc: 53.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1032156834
Conc: 48.39 ng/ml



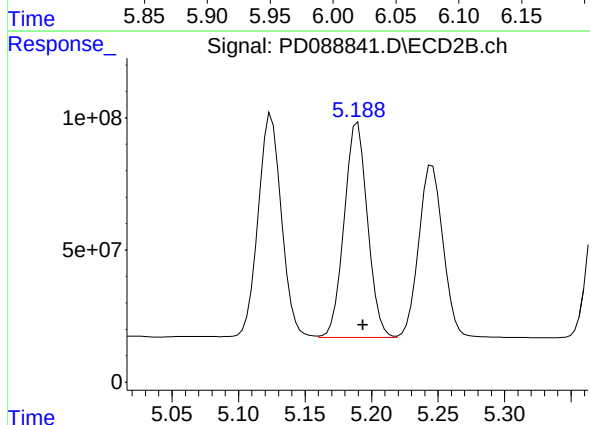
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 214550367
Conc: 53.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

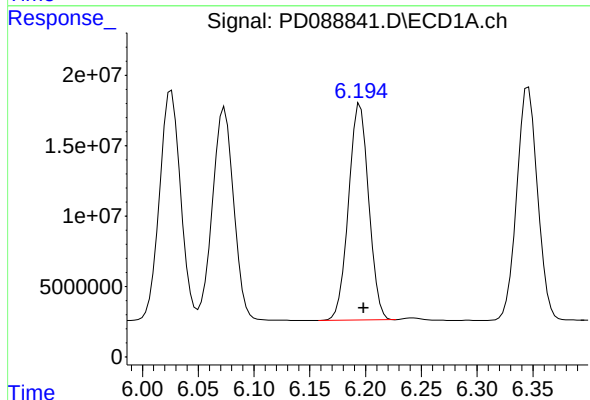
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



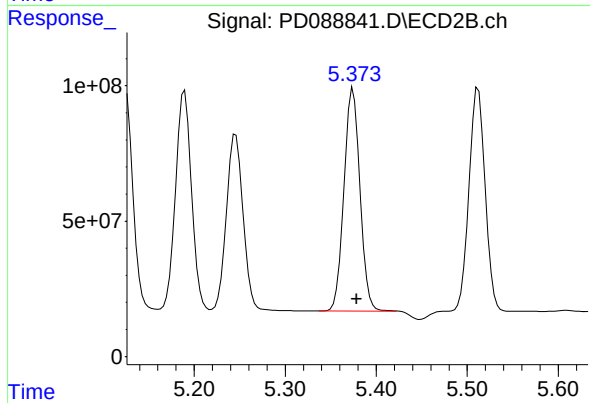
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 990933806
Conc: 48.05 ng/ml



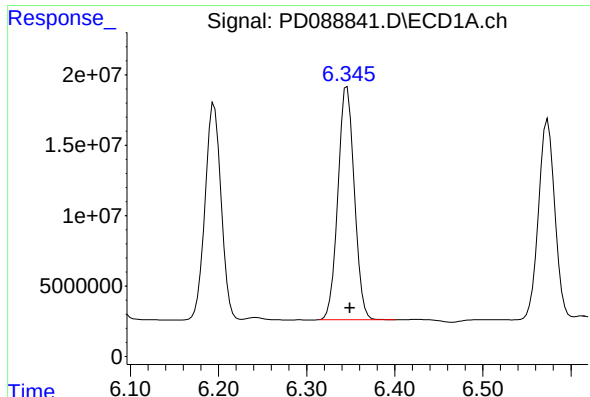
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 193358328
Conc: 53.87 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 1009177876
Conc: 48.28 ng/ml m



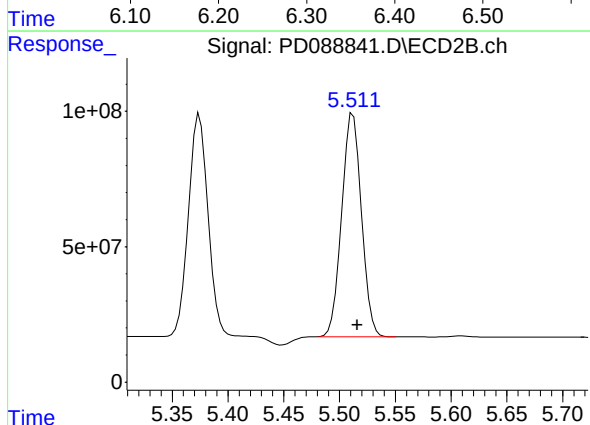
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 214561455
Conc: 53.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

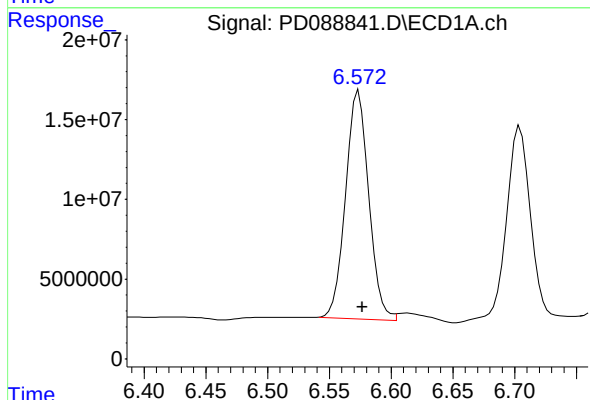
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



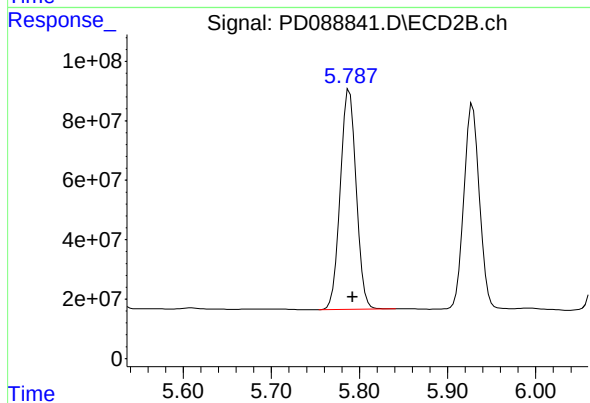
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 1014756007
Conc: 48.22 ng/ml



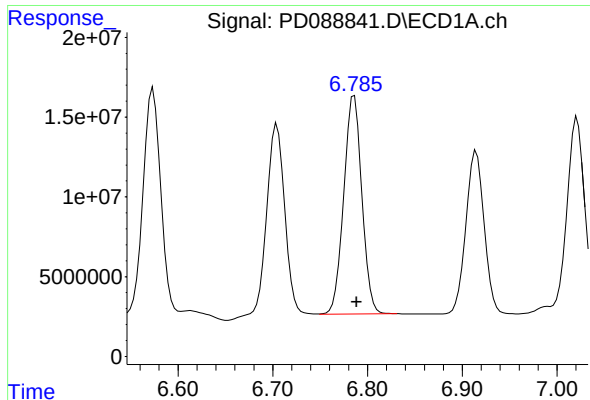
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 187051452
Conc: 54.77 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 930328606
Conc: 48.24 ng/ml



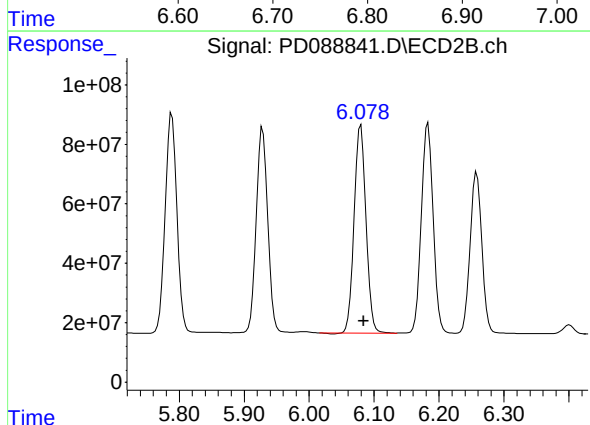
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 181878649
Conc: 52.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

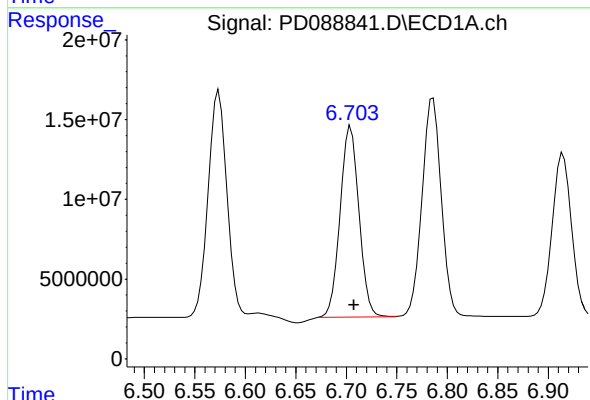
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



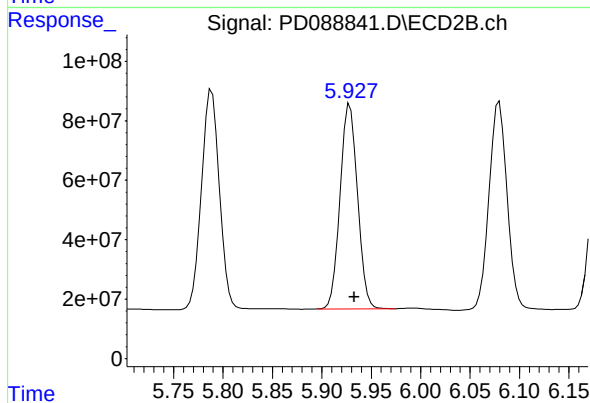
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 889182968
Conc: 48.53 ng/ml



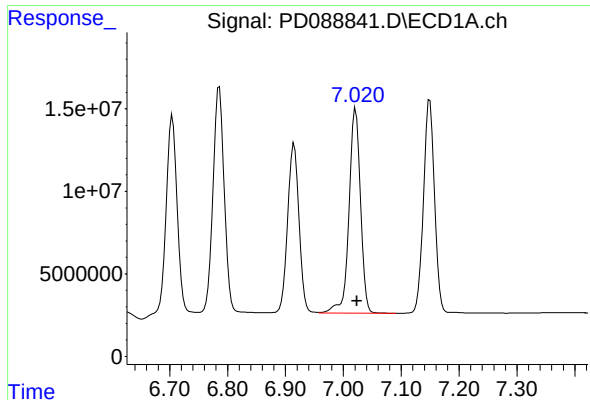
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 156112040
Conc: 56.05 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 844169637
Conc: 48.54 ng/ml



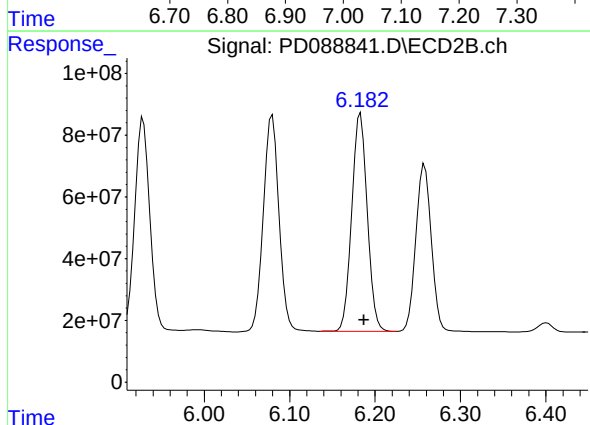
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 168758832
Conc: 54.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

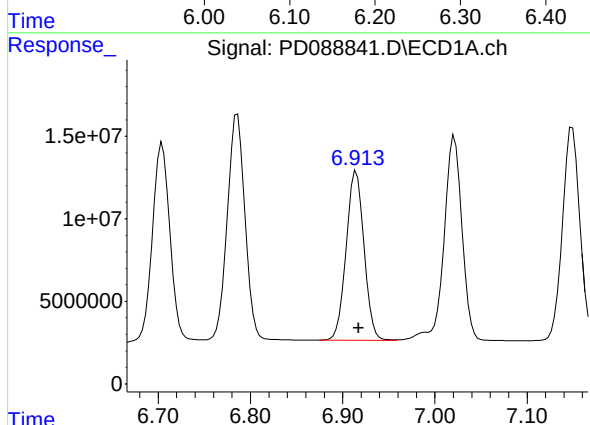
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



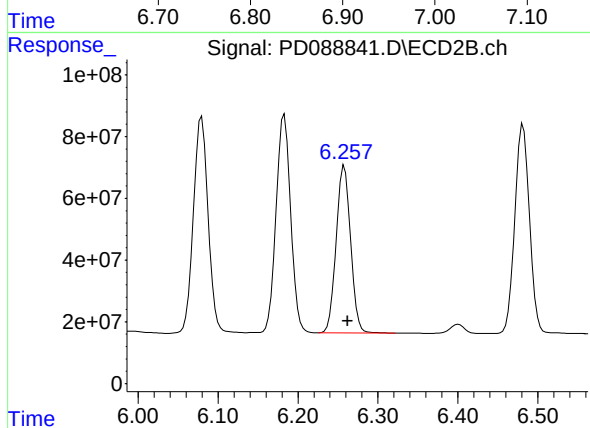
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 898611109
Conc: 49.54 ng/ml



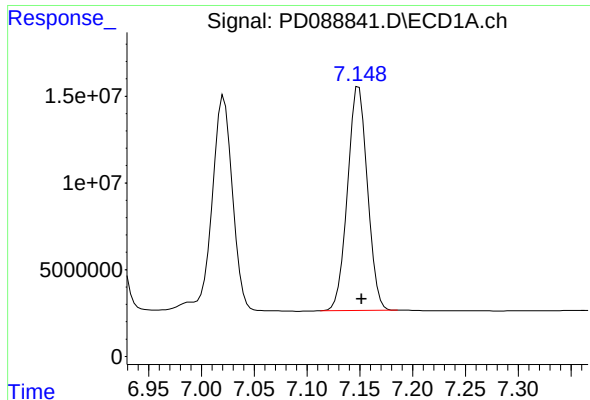
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 137612080
Conc: 53.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 680096139
Conc: 48.83 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 169523727
Conc: 52.93 ng/ml

Instrument :

ECD_D

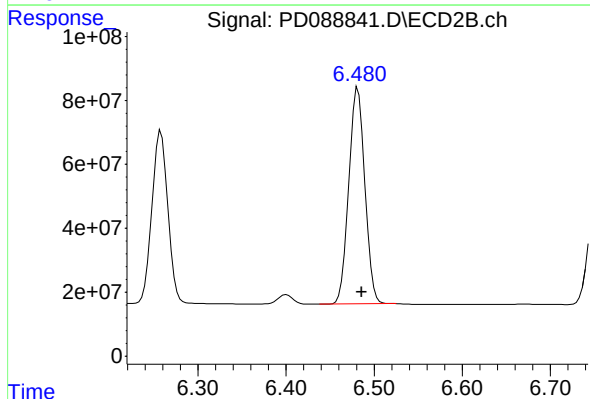
ClientSampleId :

PSTDCCC050

Manual Integrations

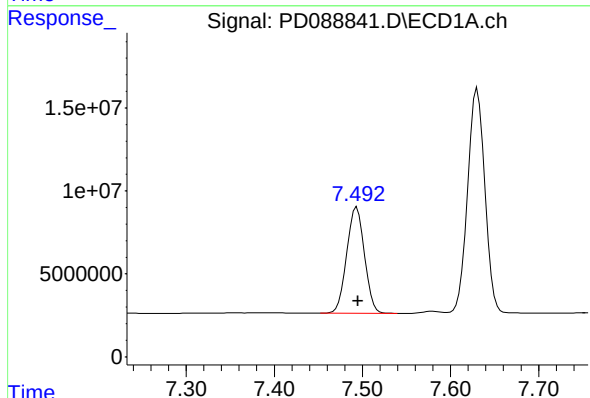
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



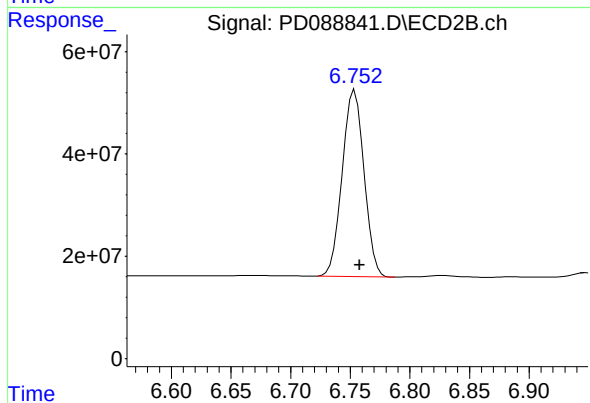
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 858806816
Conc: 48.37 ng/ml



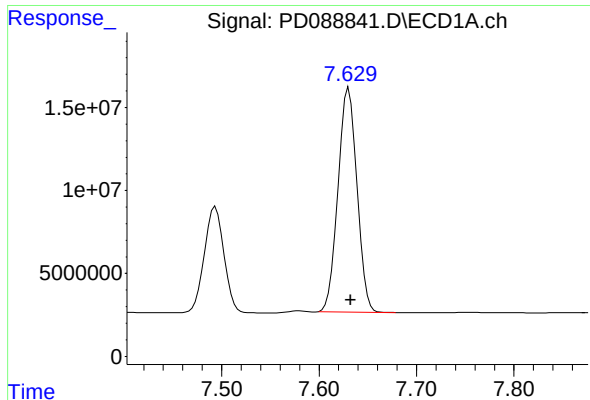
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 89599389
Conc: 53.63 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 464458460
Conc: 48.51 ng/ml



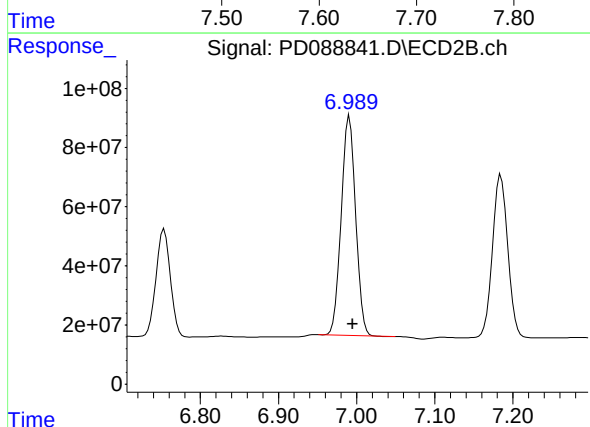
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 182819090
Conc: 53.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

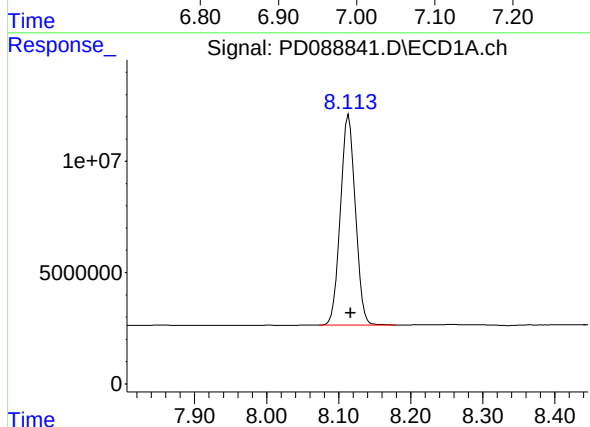
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



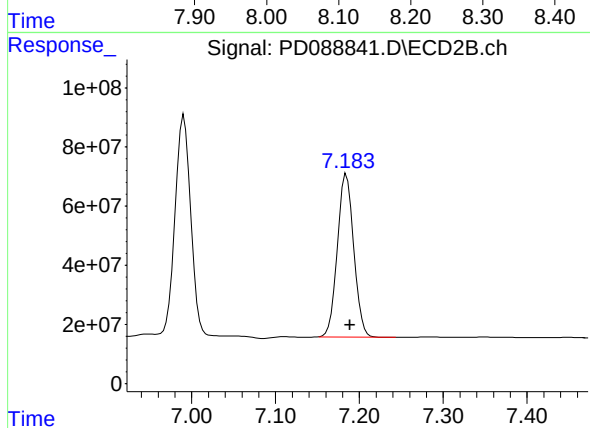
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 951991984
Conc: 49.21 ng/ml



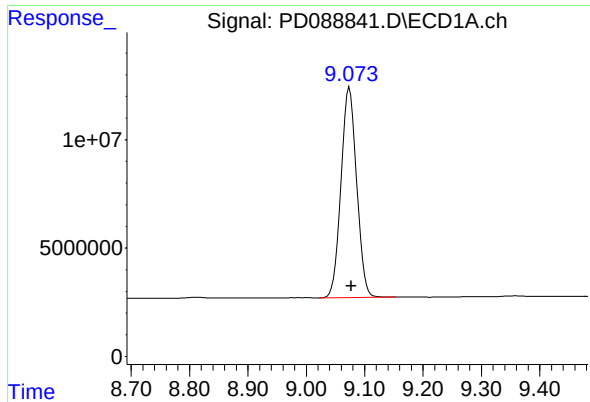
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 136646504
Conc: 52.59 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 748470965
Conc: 49.23 ng/ml



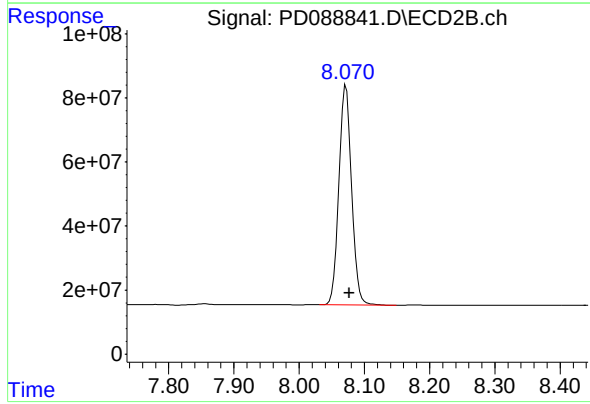
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.003 min
Response: 181086485
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 926641716
Conc: 50.76 ng/ml