

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081925\
 Data File : PD089993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 13:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 07:13:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.548	2.877	56455628	443.9E6	19.236	20.133
28)	SA Decachlor...	9.070	8.065	90455105	543.2E6	20.958	20.983
Target Compounds							
2)	A alpha-BHC	3.997	3.389	54740003	369.6E6	9.120	10.890
3)	MA gamma-BHC...	4.328	3.725	54744592	336.3E6	9.559	10.790
6)	B beta-BHC	4.515	4.021	23200931	146.5E6	10.344	10.987
14)	MA Endrin	6.572	5.783	204.5E6	1318.4E6	49.342	49.504
16)	A 4,4'-DDD	6.702	5.924	3157799	28039732	0.913m	1.166 #
17)	MA 4,4'-DDT	7.019	6.177	373.1E6	2442.8E6	97.923	97.441
18)	B Endrin al...	6.915	6.251	1127528	15947749	0.393	0.926 #
20)	A Methoxychlor	7.492	6.748	455.1E6	2612.5E6	226.901	202.587
21)	B Endrin ke...	7.627	6.983	3540955	46735627	0.854m	1.754m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081925\
Data File : PD089993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

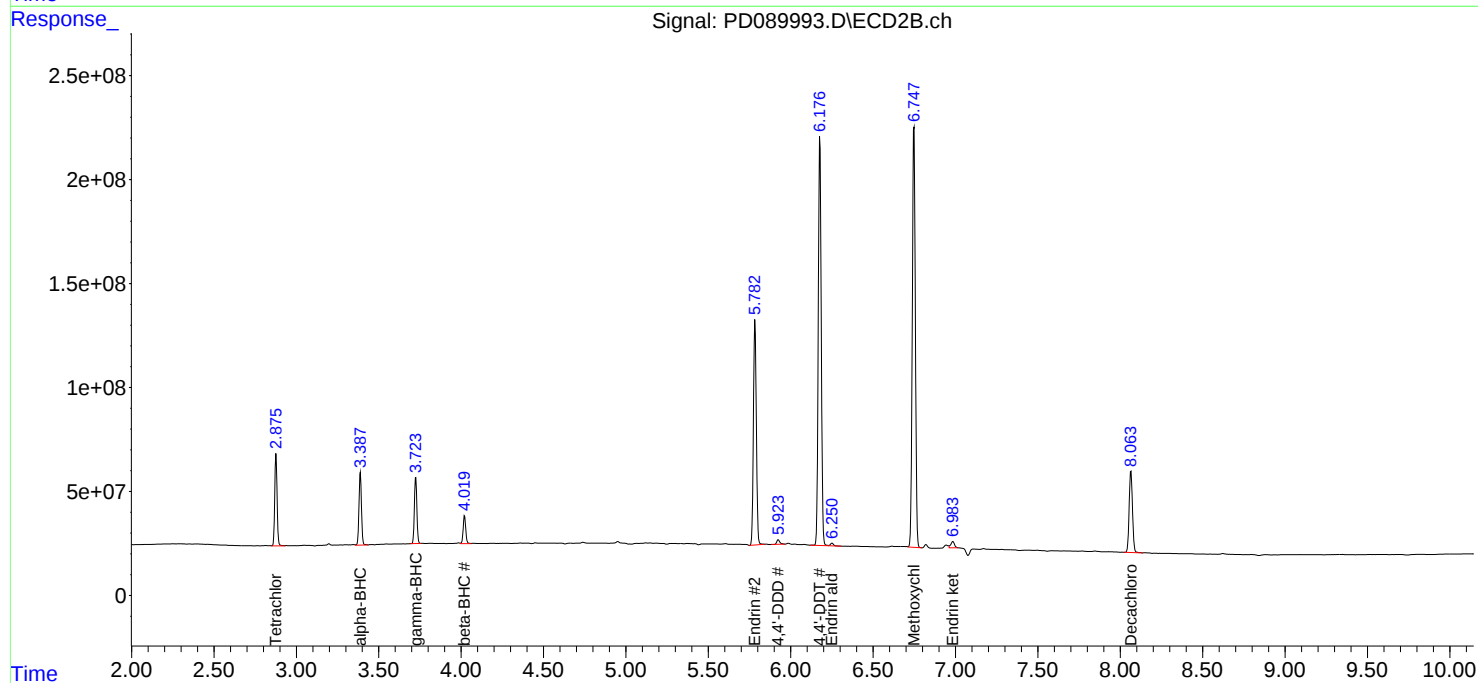
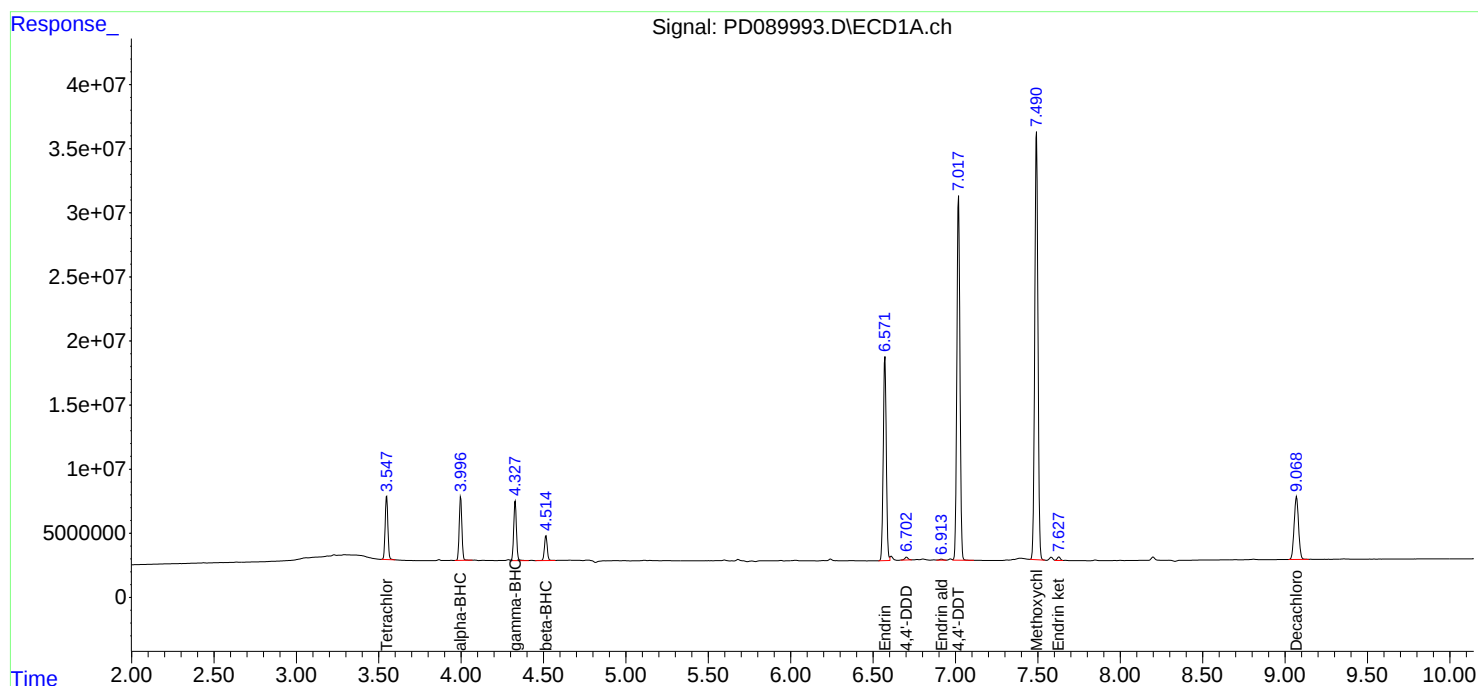
Instrument :
ECD_D
ClientSampleId :
PEM

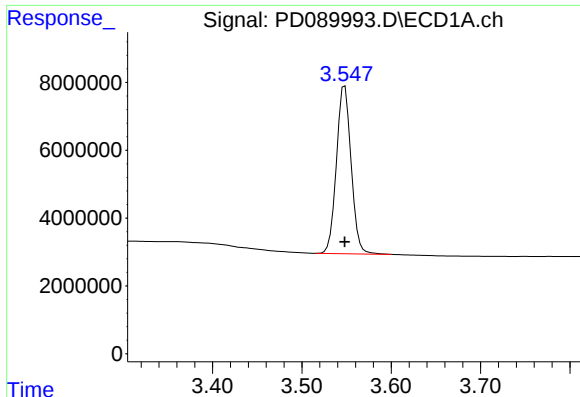
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/20/2025
Supervised By : mohammad ahmed 08/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





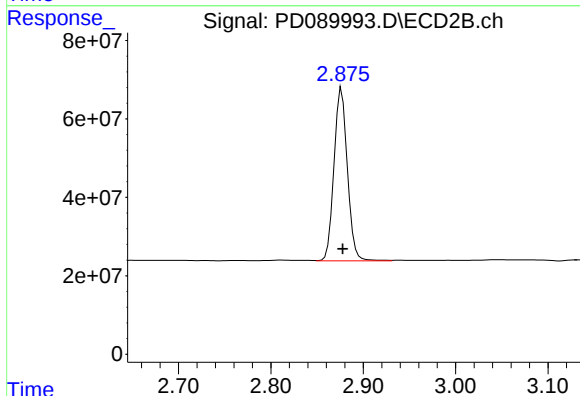
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 56455628
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

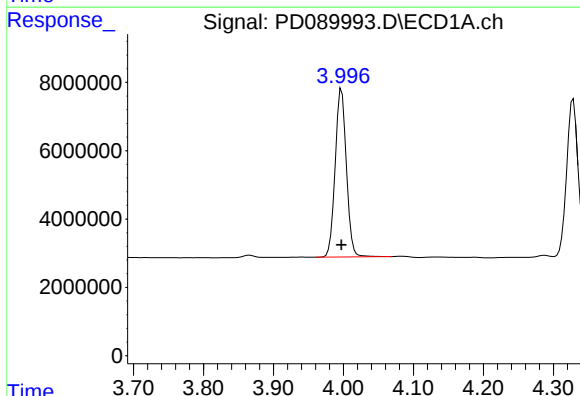
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



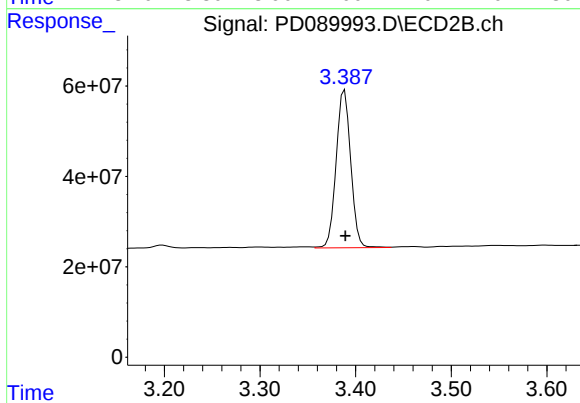
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 443937160
Conc: 20.13 ng/ml



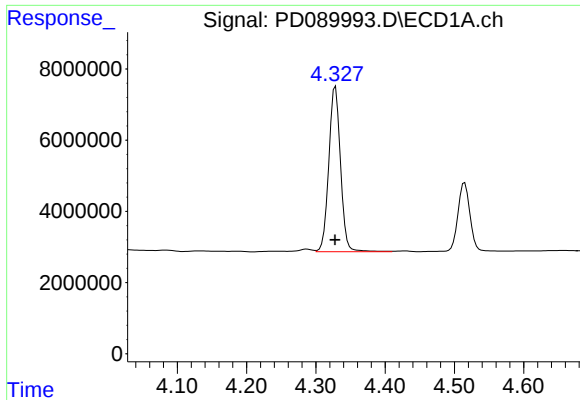
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 54740003
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: -0.001 min
Response: 369578119
Conc: 10.89 ng/ml



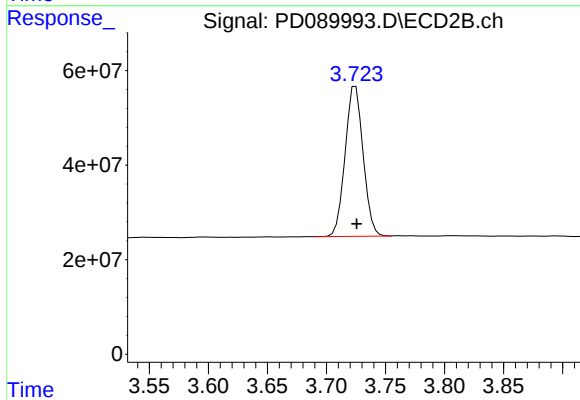
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 54744592
Conc: 9.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

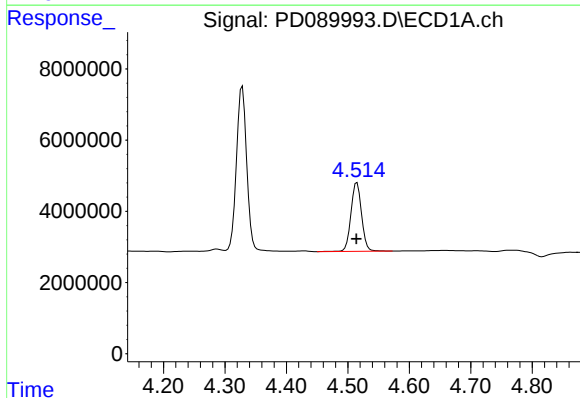
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



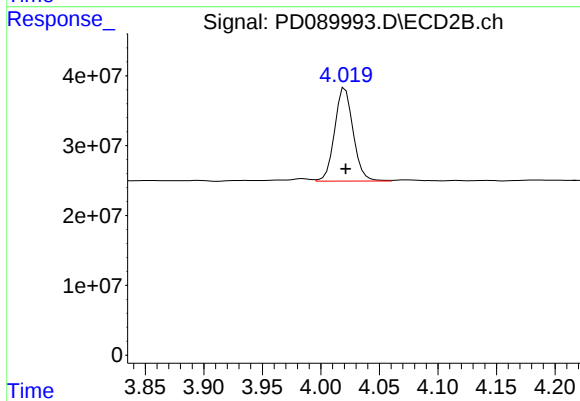
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 336343703
Conc: 10.79 ng/ml



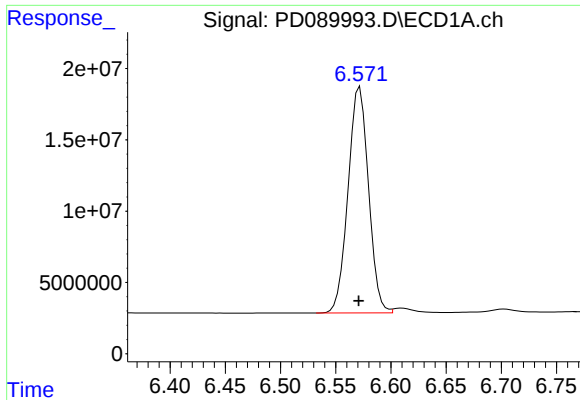
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 23200931
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 146462087
Conc: 10.99 ng/ml



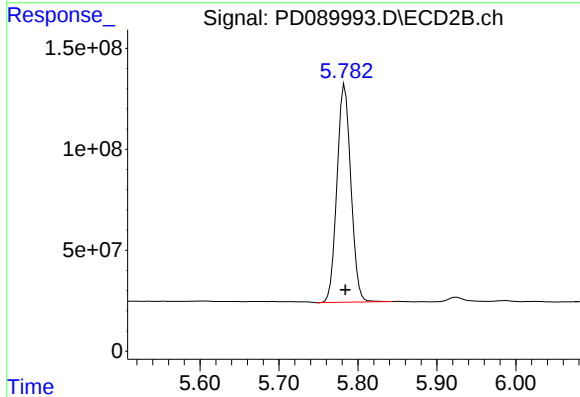
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 204451105
Conc: 49.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

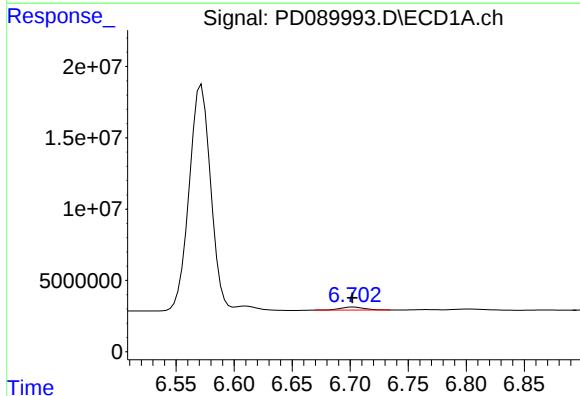
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



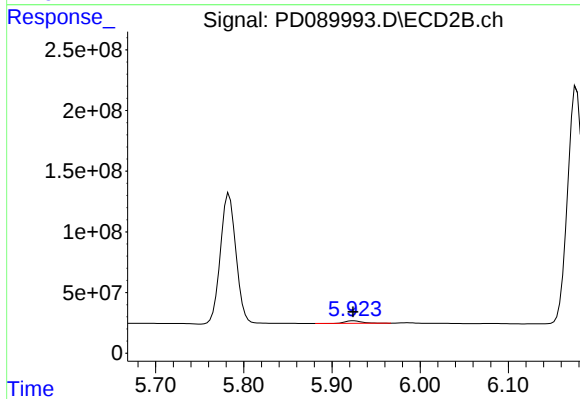
#14 Endrin

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 1318412009
Conc: 49.50 ng/ml



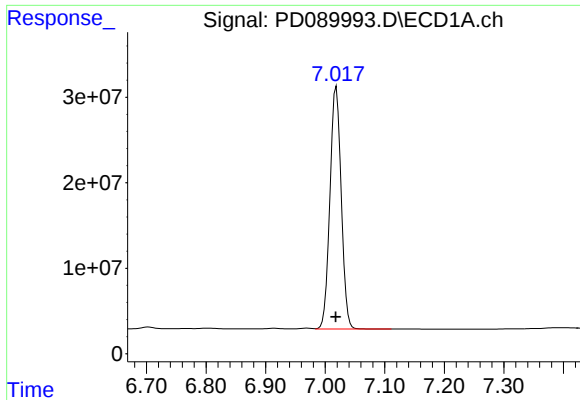
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 3157799
Conc: 0.91 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 28039732
Conc: 1.17 ng/ml



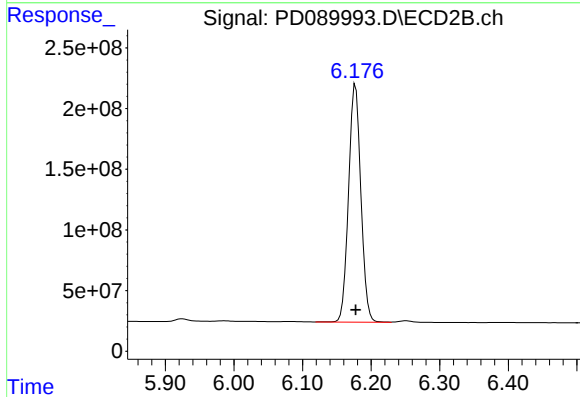
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 373059498
Conc: 97.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

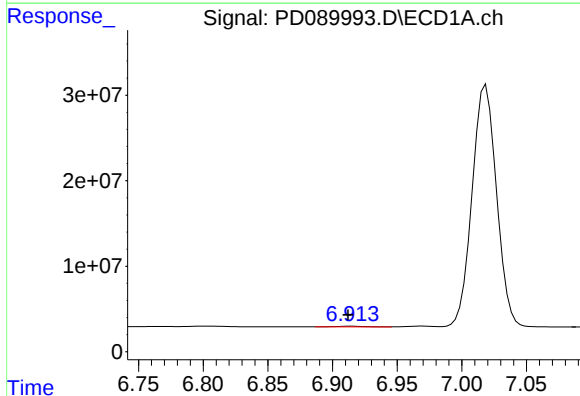
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



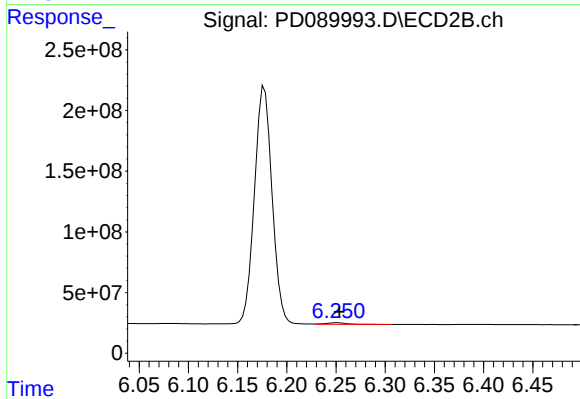
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2442815074
Conc: 97.44 ng/ml



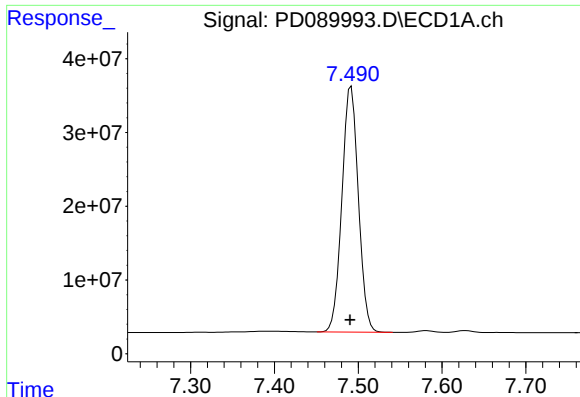
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1127528
Conc: 0.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 15947749
Conc: 0.93 ng/ml



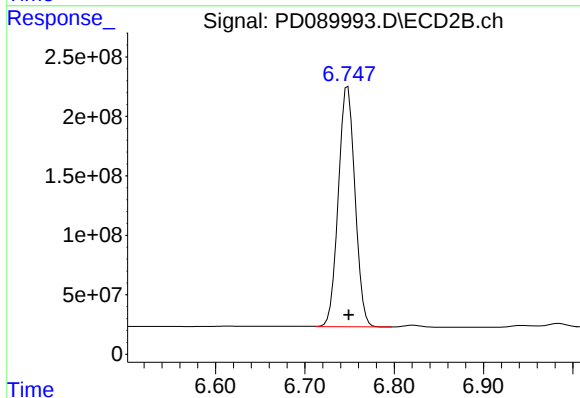
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.001 min
Response: 455077424
Conc: 226.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

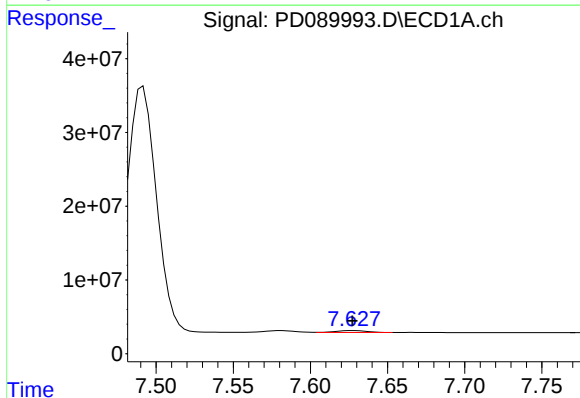
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



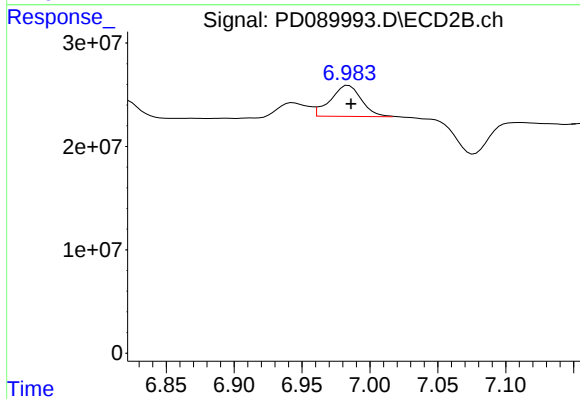
#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 2612518864
Conc: 202.59 ng/ml



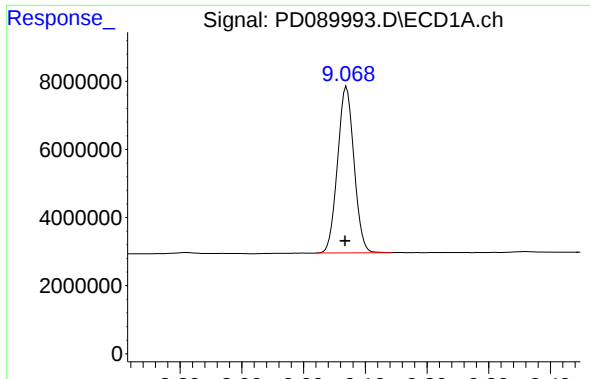
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 3540955
Conc: 0.85 ng/ml m



#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 46735627
Conc: 1.75 ng/ml m



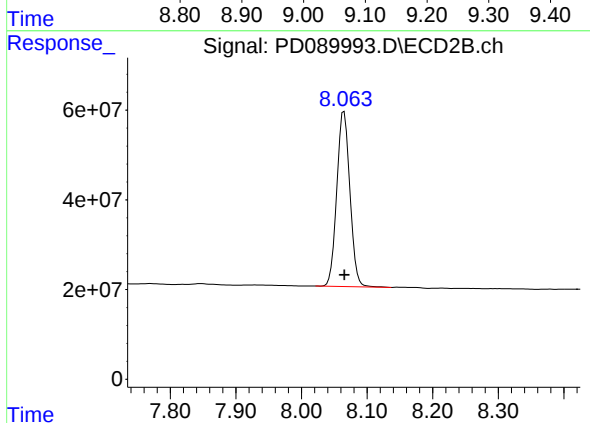
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 90455105
Conc: 20.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/22/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 543169196
Conc: 20.98 ng/ml