

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
 Data File : PD090005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/25/2025
 Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 01:52:16 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...	3.549	2.877	60979560	480.6E6	20.778	21.798
28)	SA Decachlor...	9.070	8.066	92909771	591.5E6	21.527	22.851
Target Compounds							
2)	A alpha-BHC	3.998	3.389	59835965	406.5E6	9.969	11.978
3)	MA gamma-BHC...	4.329	3.726	59379851	367.7E6	10.369	11.798
6)	B beta-BHC	4.515	4.021	24682619	154.9E6	11.004	11.624
14)	MA Endrin	6.573	5.784	223.4E6	1408.9E6	53.915	52.903
16)	A 4,4'-DDD	6.704	5.925	5529140	30914791	1.598	1.286
17)	MA 4,4'-DDT	7.020	6.178	407.4E6	2673.8E6	106.944	106.656
18)	B Endrin al...	6.915	6.252	1146081	15505195	0.400	0.900 #
20)	A Methoxychlor	7.492	6.748	490.5E6	2673.9E6	244.577	207.349
21)	B Endrin ke...	7.628	6.984	3859797	47325511	0.931m	1.776m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
Data File : PD090005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

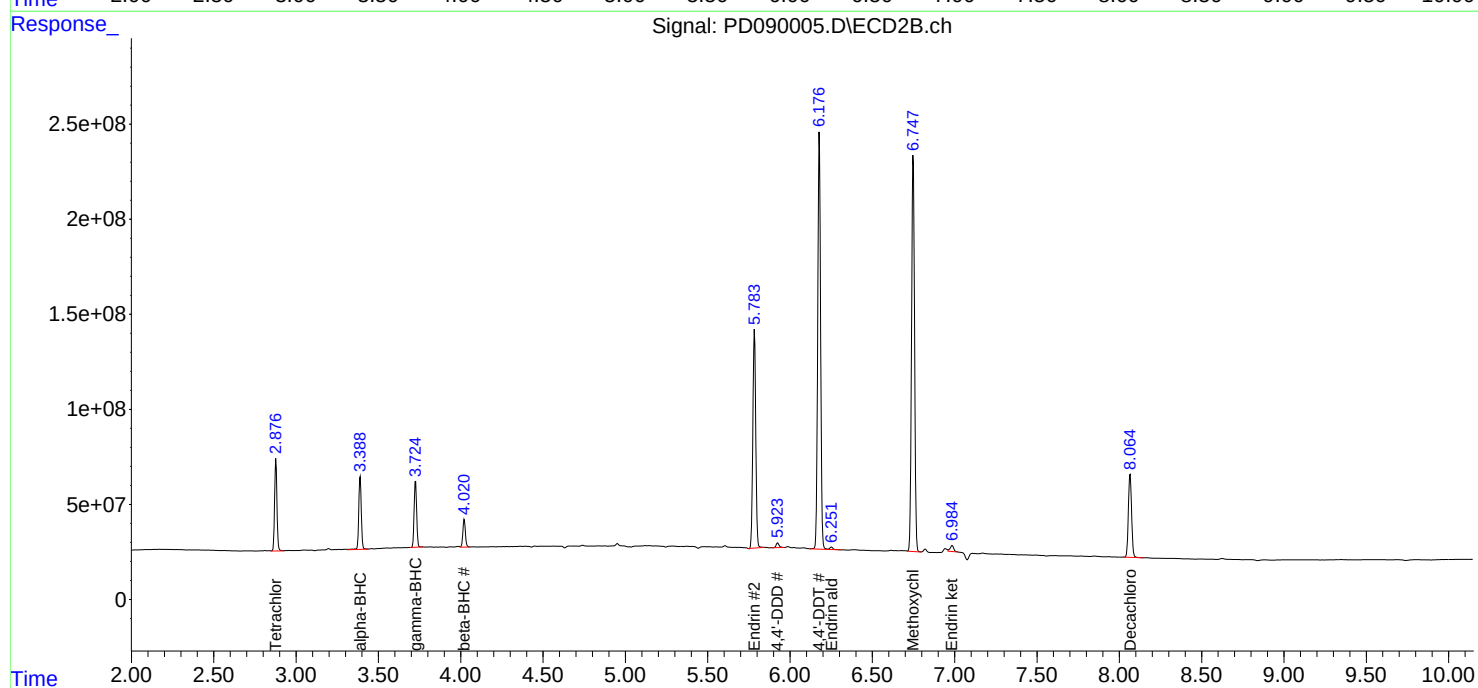
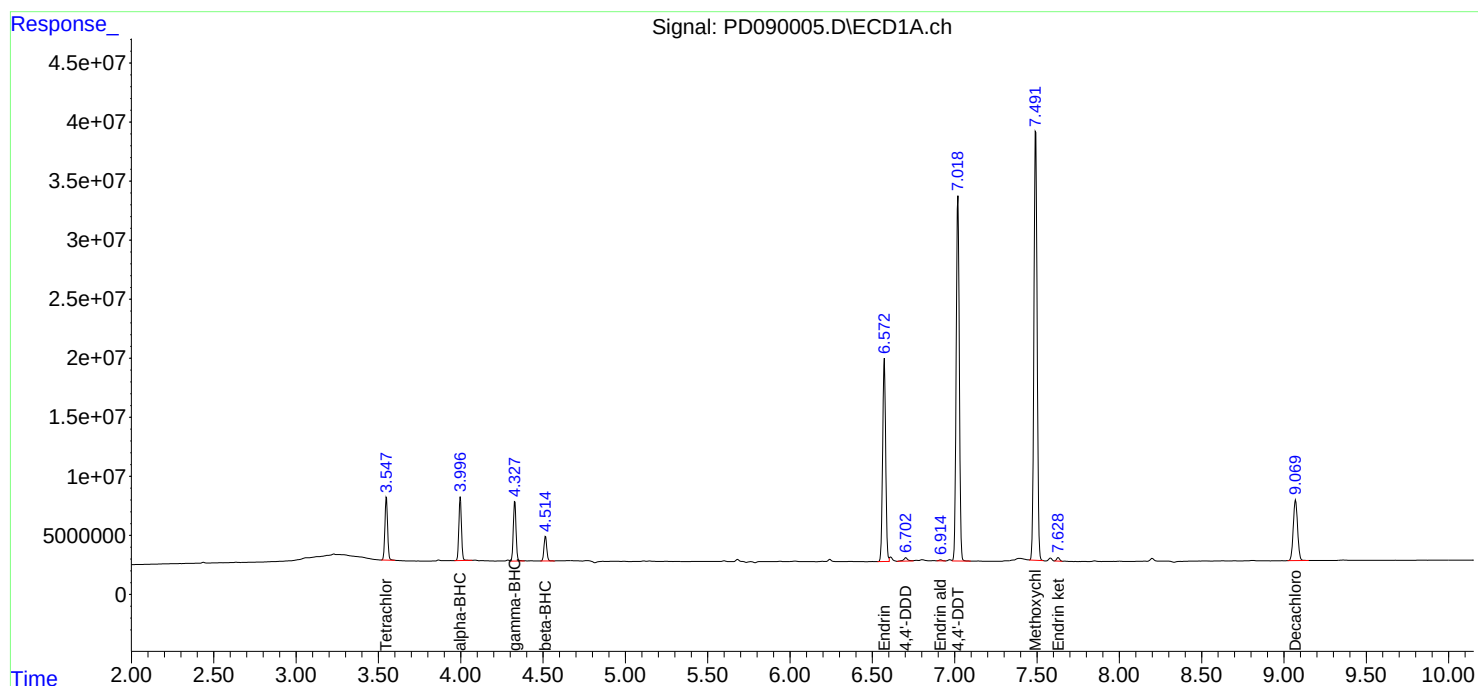
Instrument :
ECD_D
ClientSampleId :
PEM

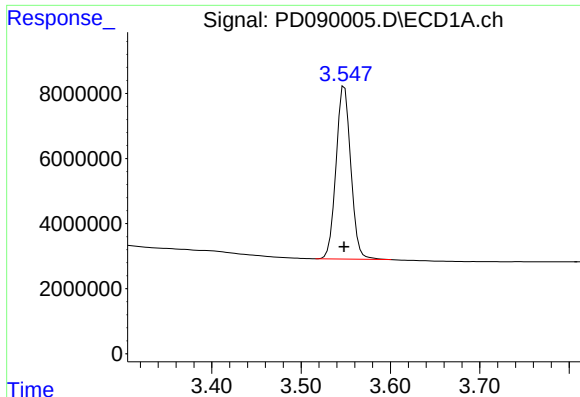
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 01:52:16 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





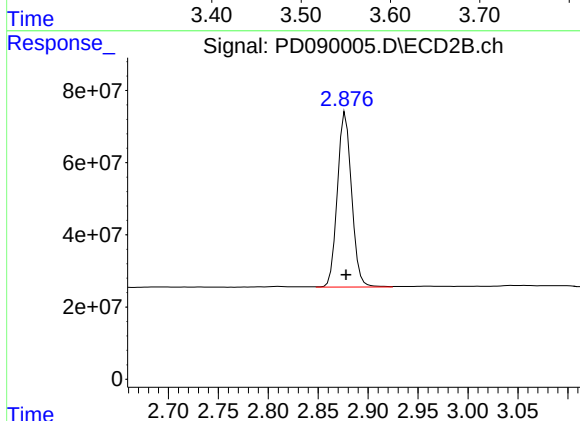
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 60979560
Conc: 20.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

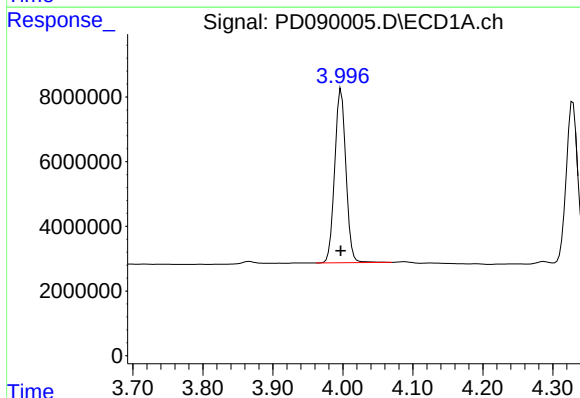
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



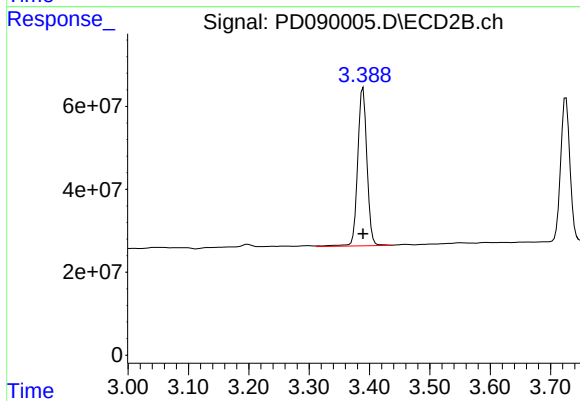
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 480647904
Conc: 21.80 ng/ml



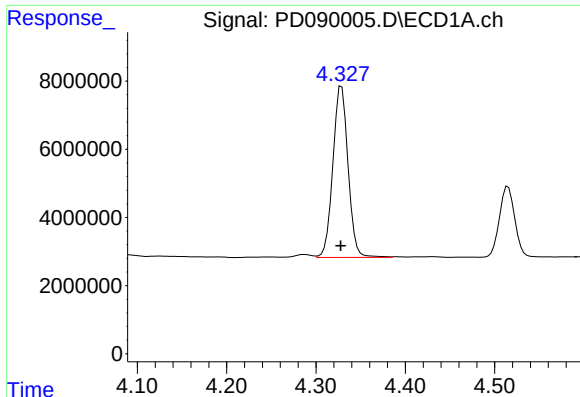
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 59835965
Conc: 9.97 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 406529213
Conc: 11.98 ng/ml



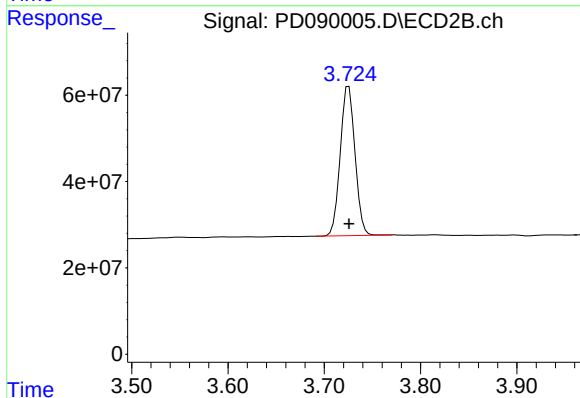
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 59379851
Conc: 10.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

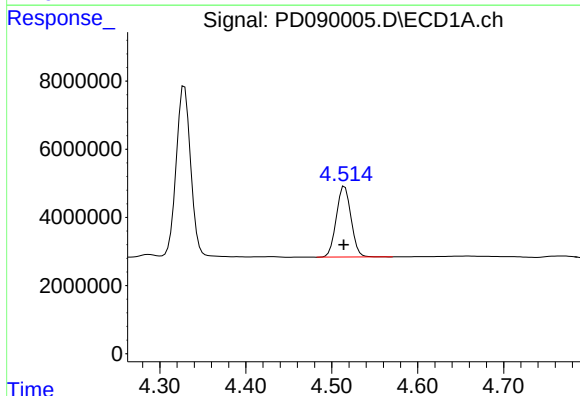
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



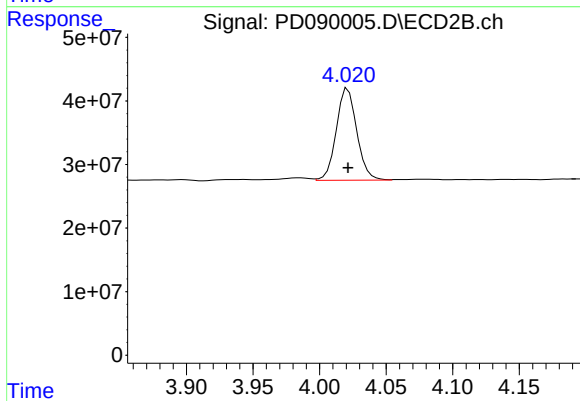
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 367741423
Conc: 11.80 ng/ml



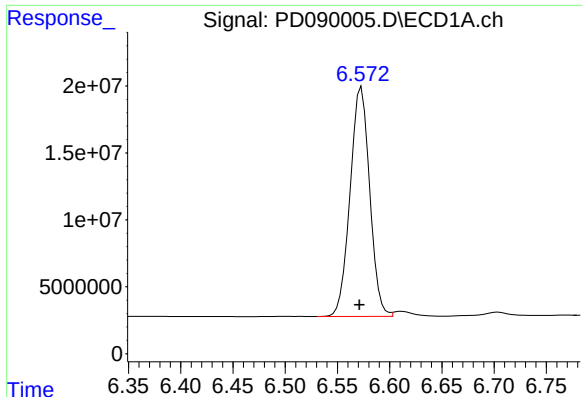
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 24682619
Conc: 11.00 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 154945754
Conc: 11.62 ng/ml



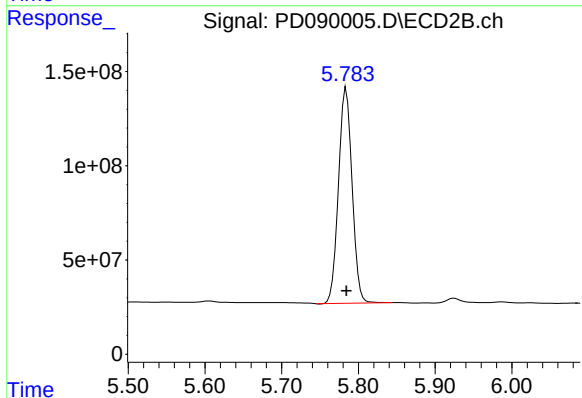
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 223398931
Conc: 53.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

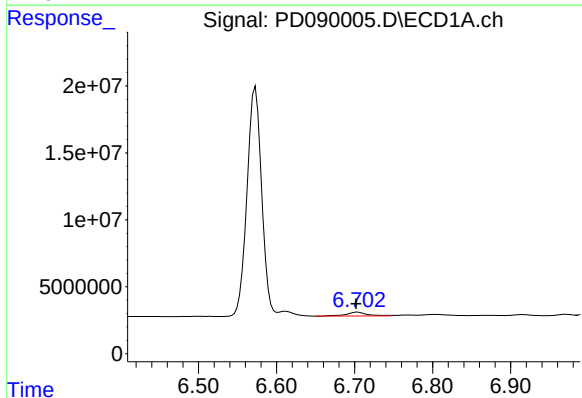
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



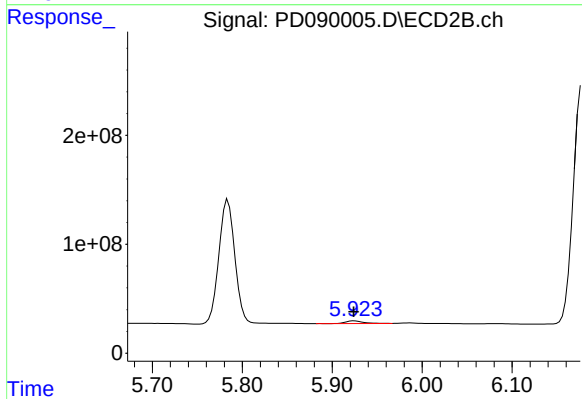
#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1408913915
Conc: 52.90 ng/ml



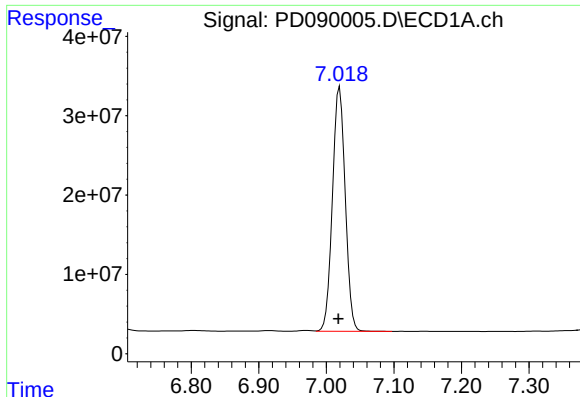
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 5529140
Conc: 1.60 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 30914791
Conc: 1.29 ng/ml



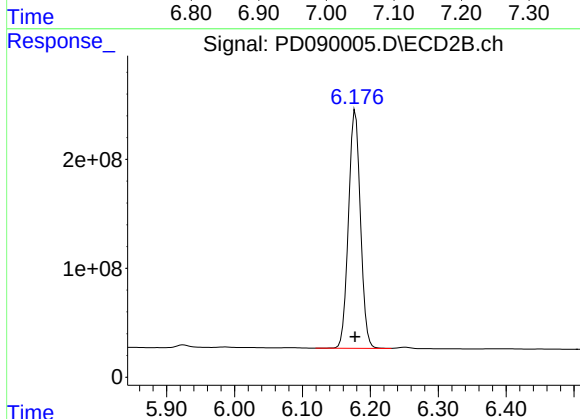
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 407430407
Conc: 106.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

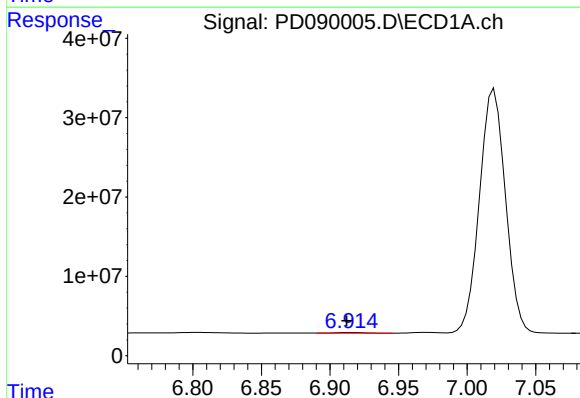
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



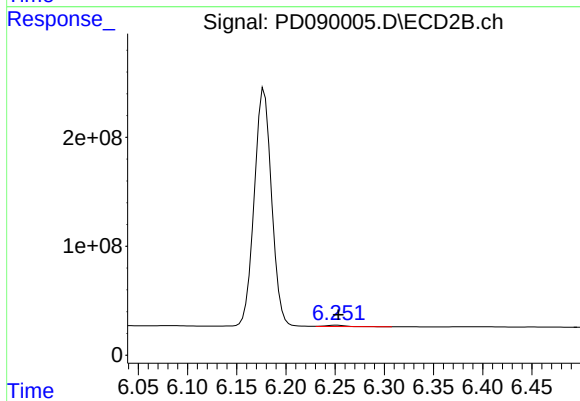
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 2673843847
Conc: 106.66 ng/ml



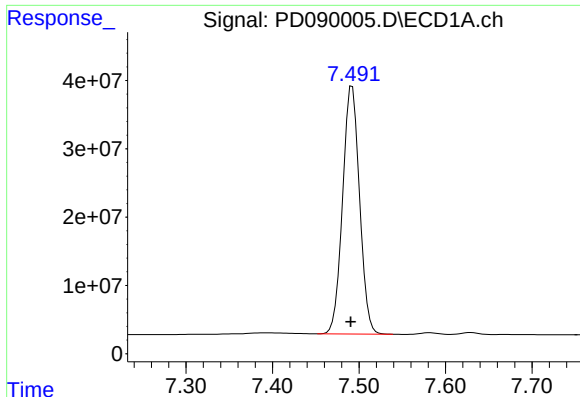
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1146081
Conc: 0.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 15505195
Conc: 0.90 ng/ml



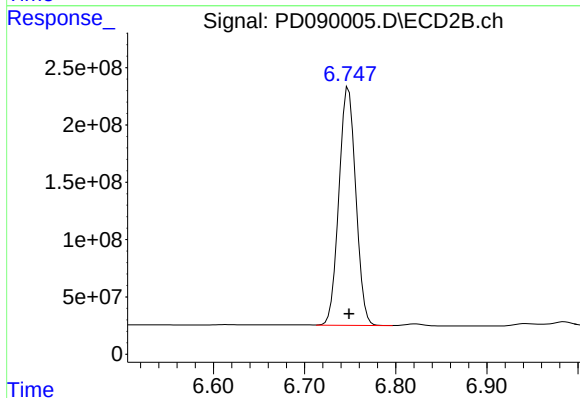
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 490528800
Conc: 244.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

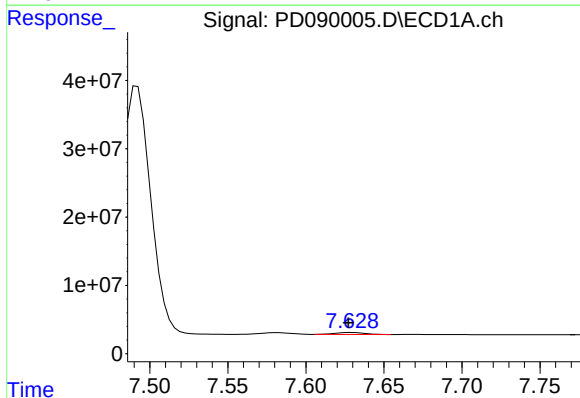
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



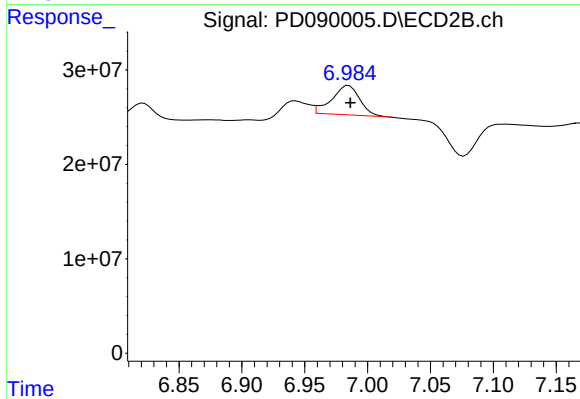
#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 2673926762
Conc: 207.35 ng/ml



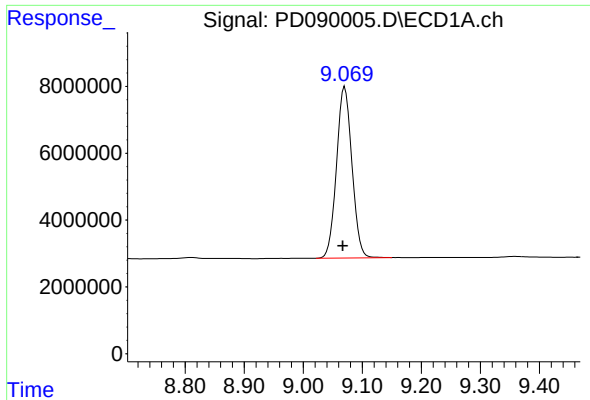
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 3859797
Conc: 0.93 ng/ml m



#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 47325511
Conc: 1.78 ng/ml m



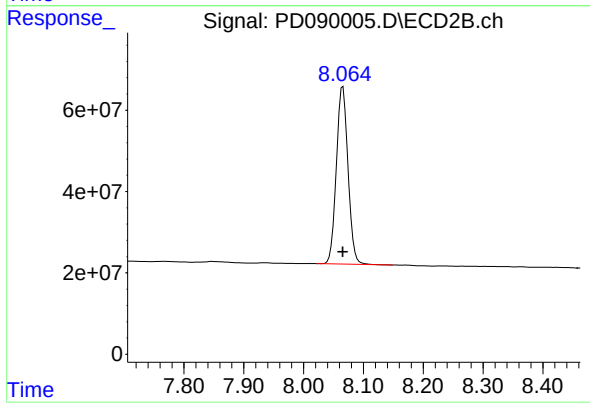
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 92909771
Conc: 21.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 591522490
Conc: 22.85 ng/ml