

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
 Data File : PD088781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 09:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:48:58 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...	3.552	2.881	51387988	358.1E6	23.750	23.674
28)	SA Decachlor...	9.078	8.075	83062477	438.1E6	24.271	23.997
Target Compounds							
2)	A alpha-BHC	4.001	3.393	51786608	293.3E6	10.842	12.270
3)	MA gamma-BHC...	4.332	3.730	51561648	272.0E6	11.202	12.271
6)	B beta-BHC	4.517	4.026	21521486	104.1E6	11.935	10.681
14)	MA Endrin	6.578	5.791	205.9E6	1065.0E6	60.288	55.227
16)	A 4,4'-DDD	6.707	5.932	3807257	23688867	1.367m	1.362
17)	MA 4,4'-DDT	7.024	6.185	360.4E6	1963.4E6	115.425	108.254
18)	B Endrin al...	6.920	6.257	841833	10265583	0.327	0.737m#
20)	A Methoxychlor	7.497	6.756	438.2E6	2045.6E6	262.319	213.647
21)	B Endrin ke...	7.632	6.993	2713294	17175223	0.793m	0.888

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD053125\
Data File : PD088781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

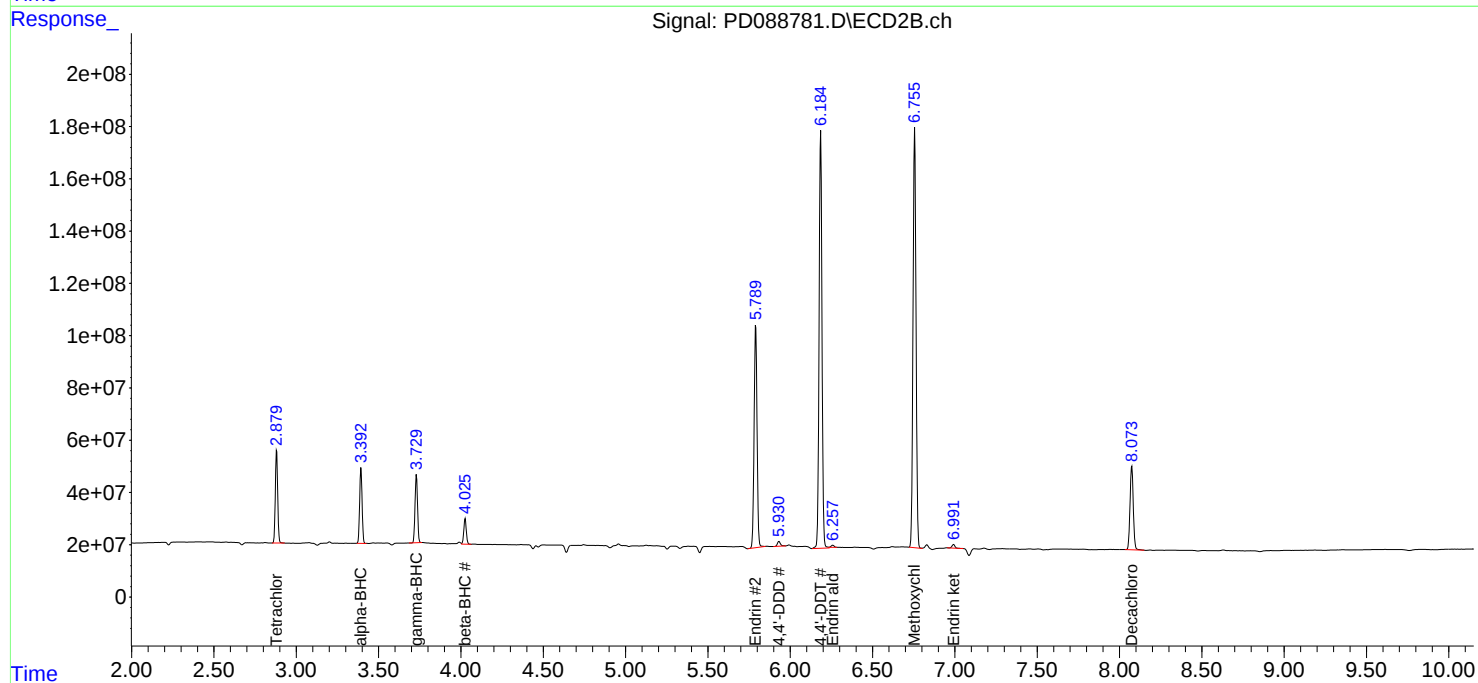
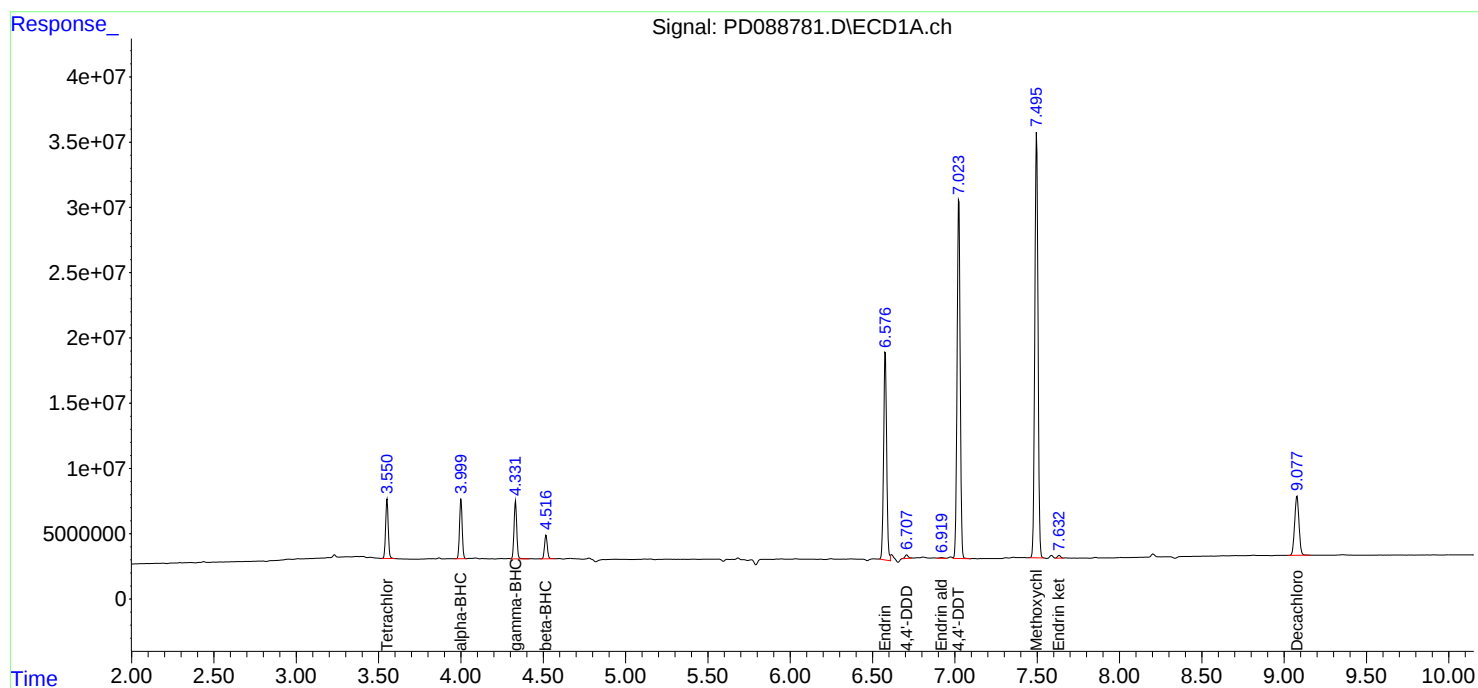
Instrument :
ECD_D
ClientSampleId :
PEM

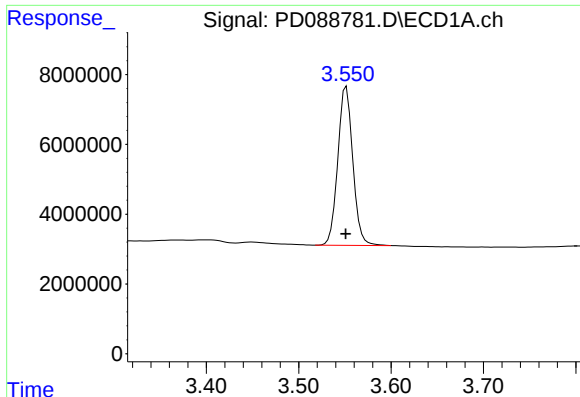
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:48:58 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





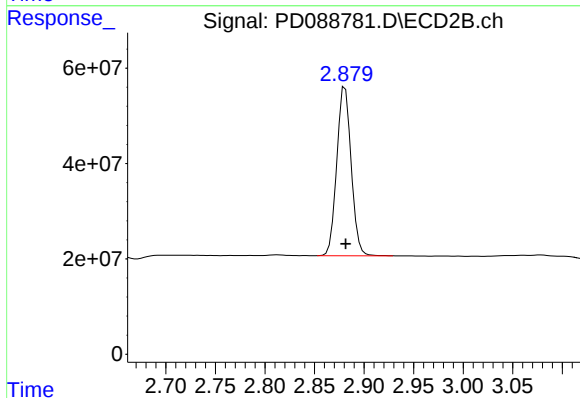
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 51387988
Conc: 23.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

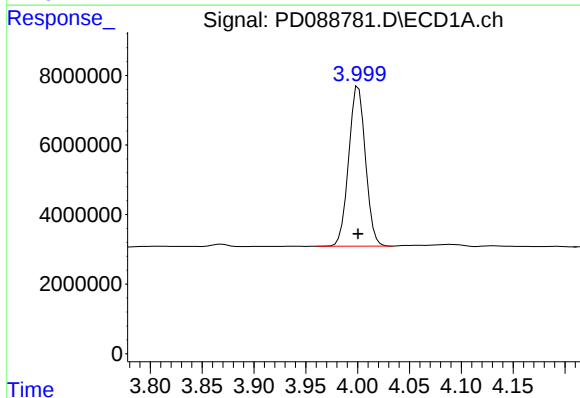
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



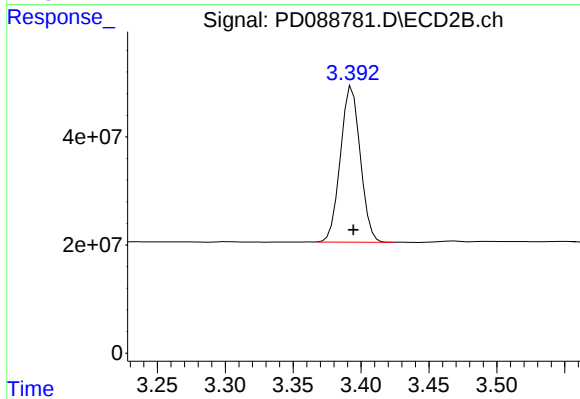
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 358108422
Conc: 23.67 ng/ml



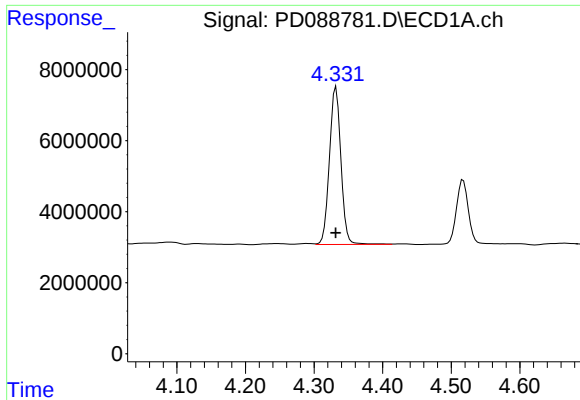
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 51786608
Conc: 10.84 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: -0.001 min
Response: 293289058
Conc: 12.27 ng/ml



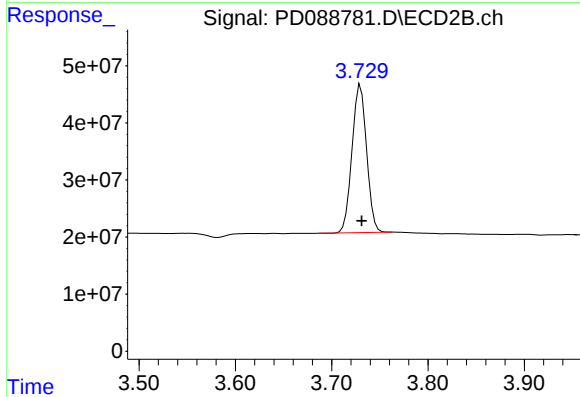
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 51561648
Conc: 11.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

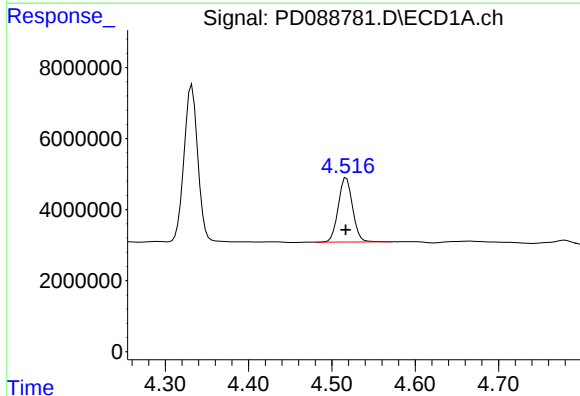
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



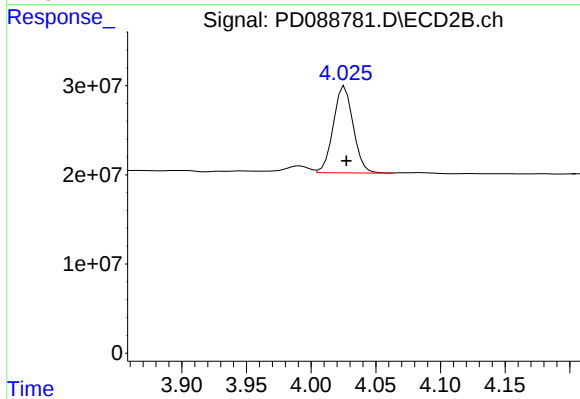
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.002 min
Response: 271987068
Conc: 12.27 ng/ml



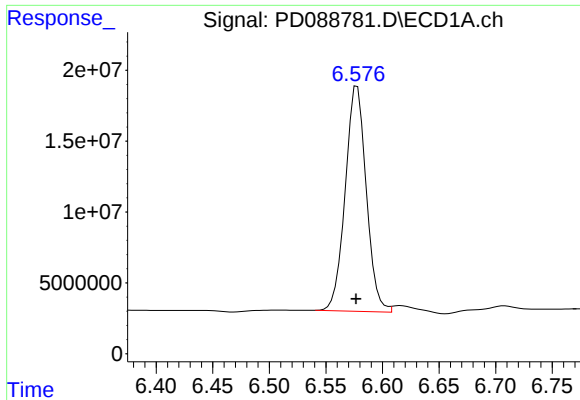
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 21521486
Conc: 11.94 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 104052651
Conc: 10.68 ng/ml



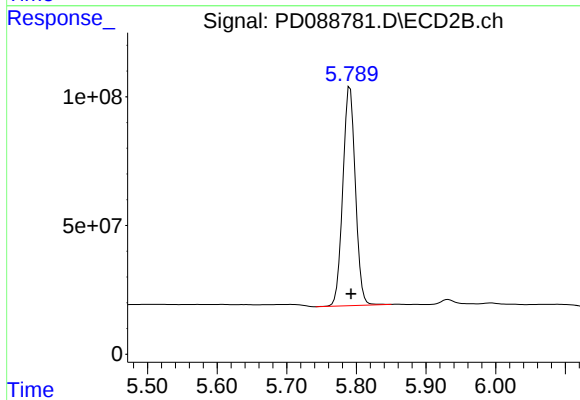
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.001 min
Response: 205893919
Conc: 60.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

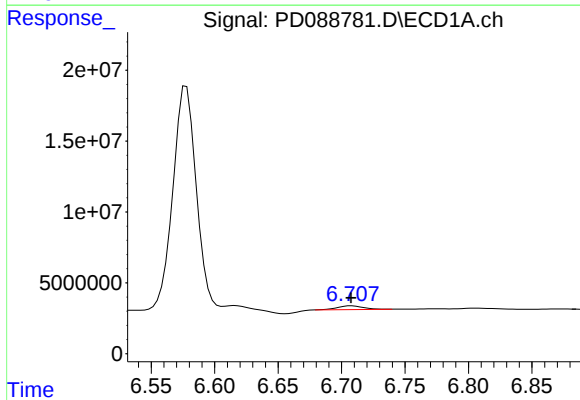
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



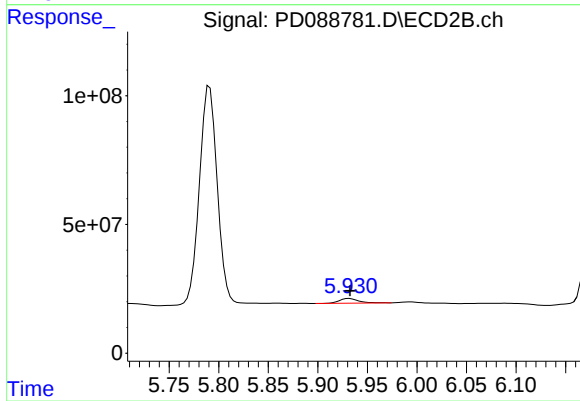
#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 1065000553
Conc: 55.23 ng/ml



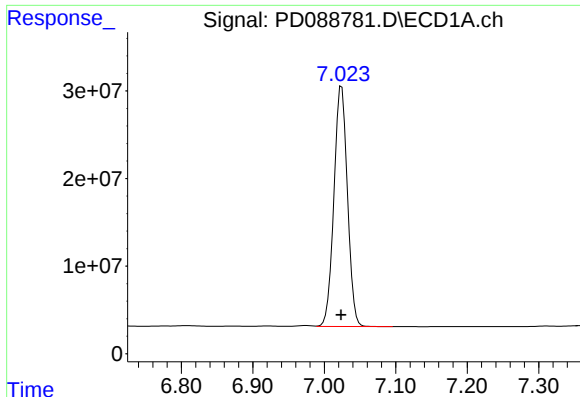
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 3807257
Conc: 1.37 ng/ml m



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 23688867
Conc: 1.36 ng/ml



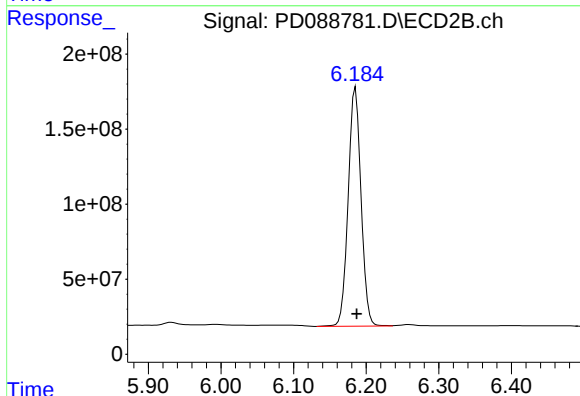
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 360361530
Conc: 115.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

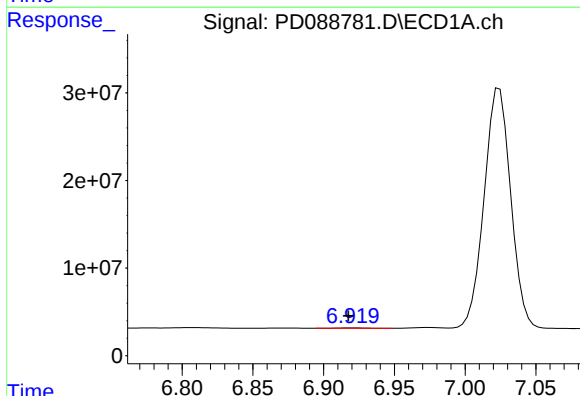
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



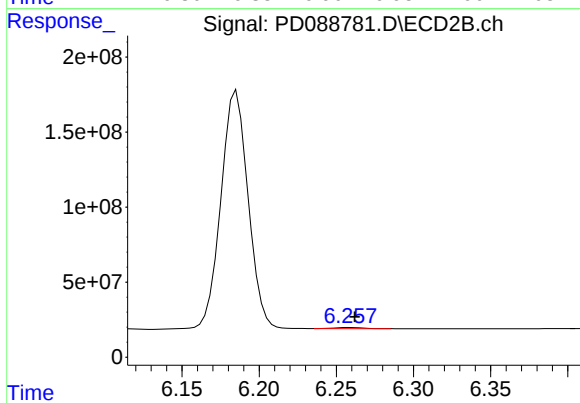
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 1963433744
Conc: 108.25 ng/ml



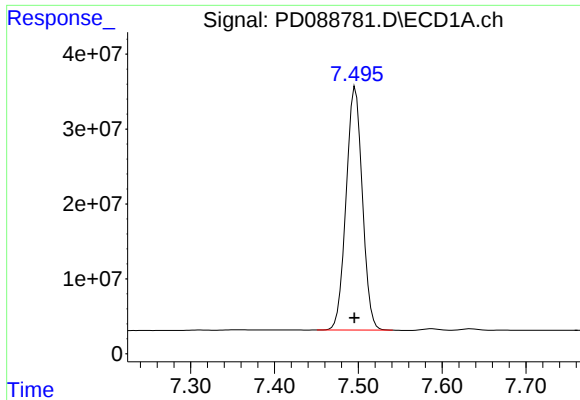
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 841833
Conc: 0.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 10265583
Conc: 0.74 ng/ml m



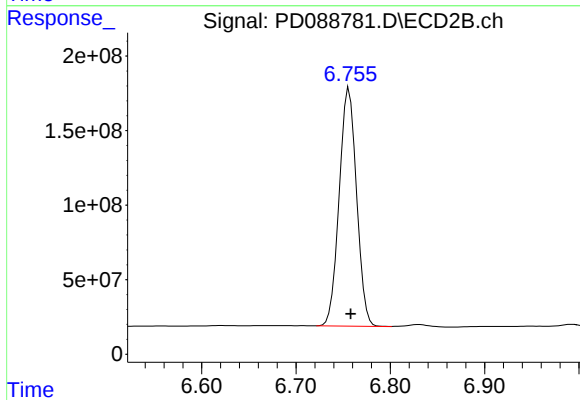
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.001 min
Response: 438217338
Conc: 262.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

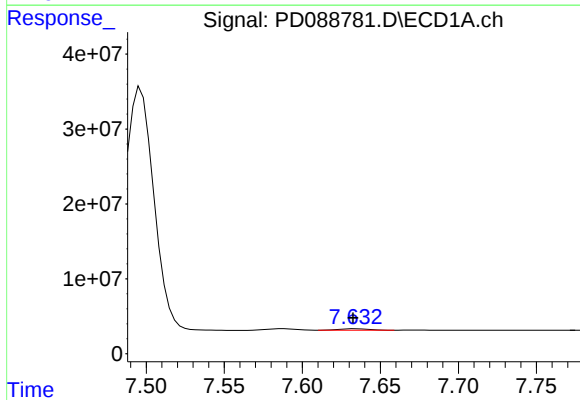
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



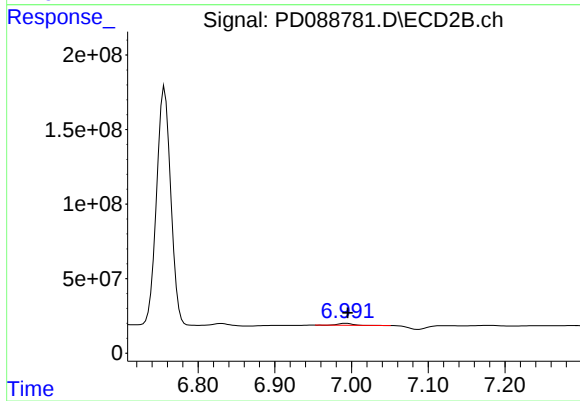
#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 2045624911
Conc: 213.65 ng/ml



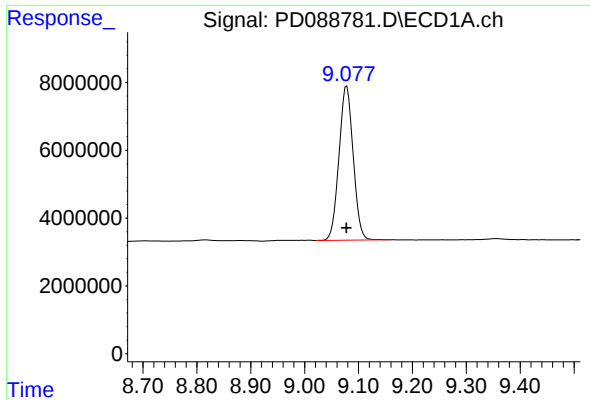
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 2713294
Conc: 0.79 ng/ml m



#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 17175223
Conc: 0.89 ng/ml



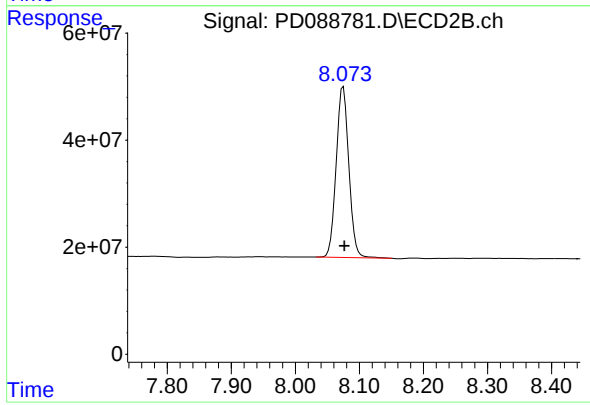
#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 83062477
Conc: 24.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 438101861
Conc: 24.00 ng/ml