

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:50:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.881	53669144	342.4E6	18.811	20.196
28)	SA Decachlor...	9.072	8.071	69751872	341.6E6	17.759	17.278
Target Compounds							
2)	A alpha-BHC	3.999	3.393	50380963	283.9E6	8.643	10.595
3)	MA gamma-BHC...	4.330	3.728	50837015	254.1E6	9.108	10.263m
6)	B beta-BHC	4.516	4.025	21114096	107.4E6	9.566	9.993
12)	B 4,4'-DDE	6.193	5.374	659131	5365273	0.151	0.234m#
14)	MA Endrin	6.572	5.789	175.6E6	976.0E6	42.572m	44.948
16)	A 4,4'-DDD	6.704	5.929	22568861	111.7E6	6.576	5.841
17)	MA 4,4'-DDT	7.021	6.183	282.3E6	1485.5E6	74.532	73.252
18)	B Endrin al...	6.915	6.257	2694697	18199293	0.879	1.189 #
20)	A Methoxychlor	7.493	6.753	341.1E6	1641.0E6	168.786	152.396
21)	B Endrin ke...	7.629	6.990	7636554	61808940	1.875	2.861 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
Data File : PD089288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

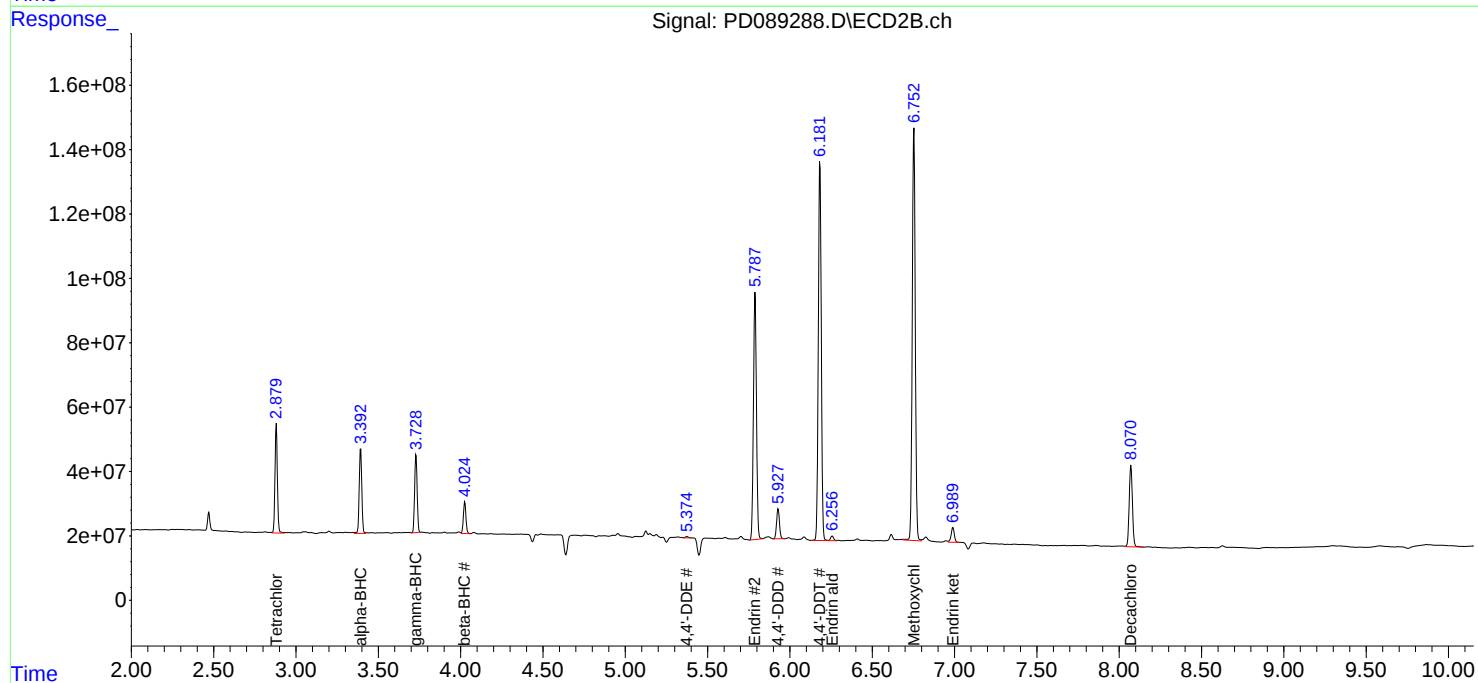
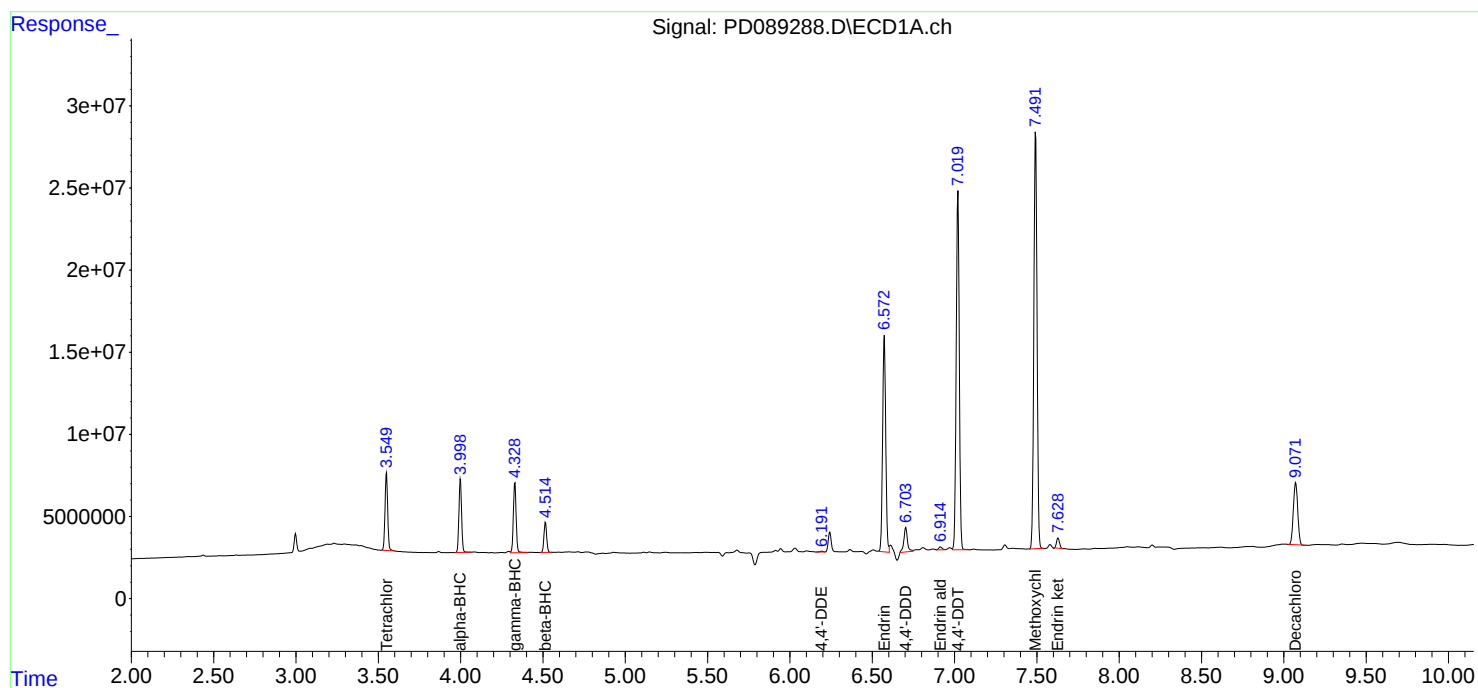
Instrument :
ECD_D
ClientSampleId :
PEM

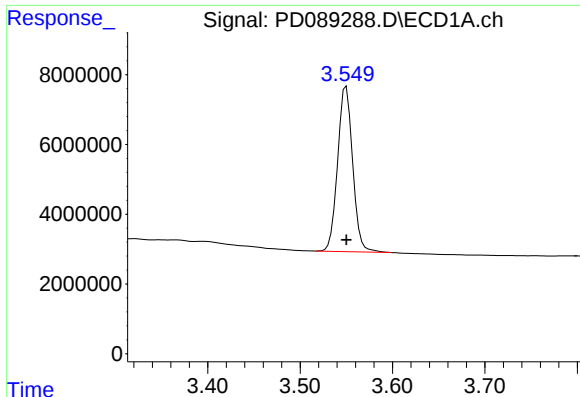
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/02/2025
Supervised By : mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





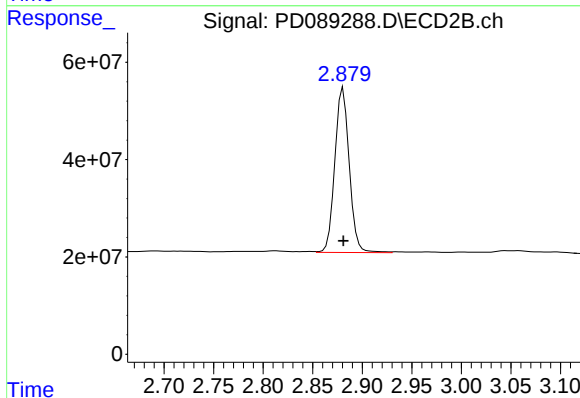
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 53669144
Conc: 18.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

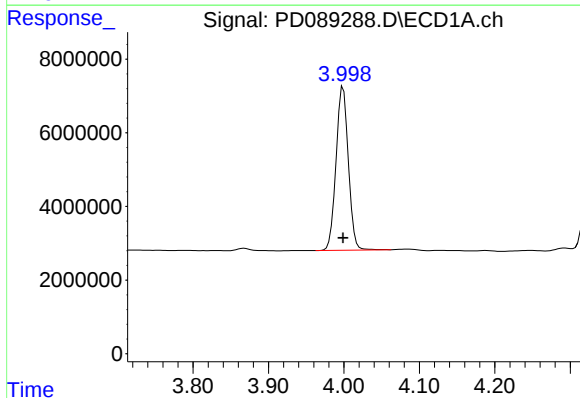
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



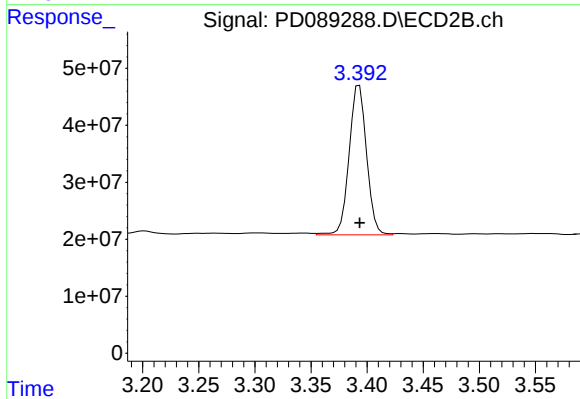
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 342379402
Conc: 20.20 ng/ml



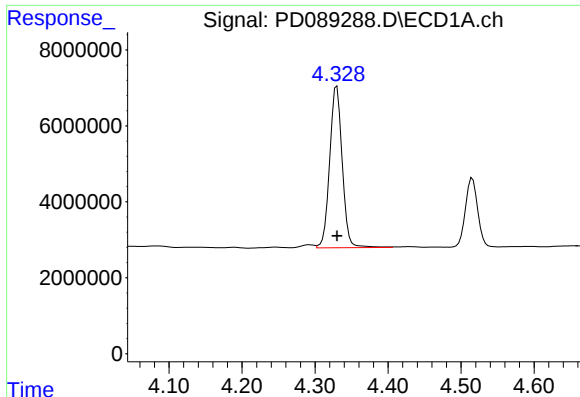
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 50380963
Conc: 8.64 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 283917067
Conc: 10.60 ng/ml



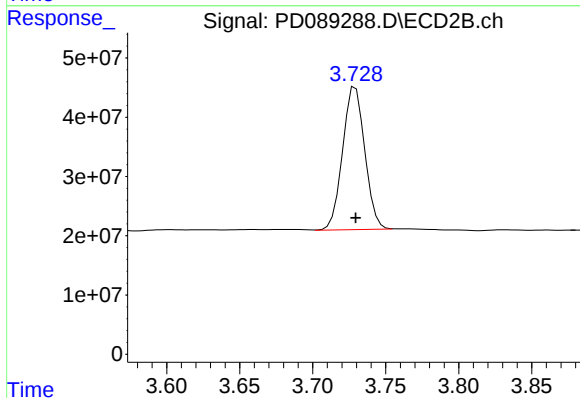
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 50837015
Conc: 9.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

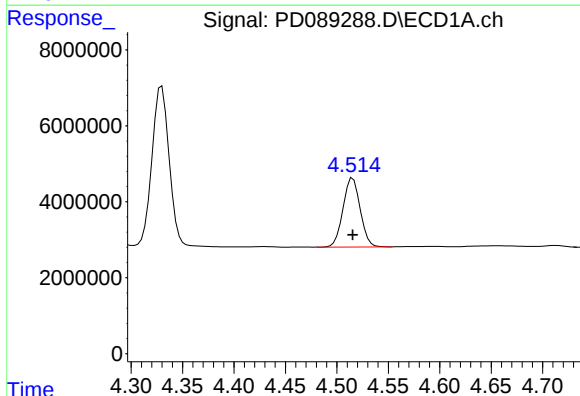
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



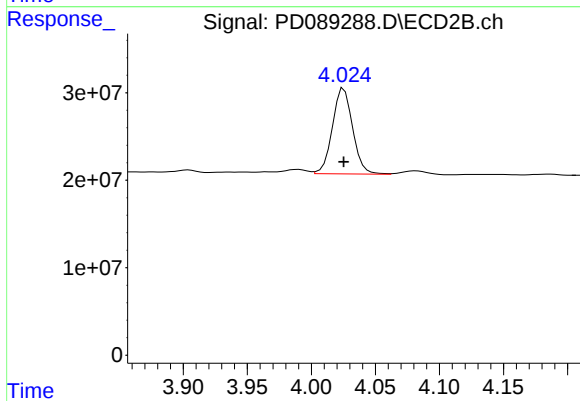
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 254079692
Conc: 10.26 ng/ml m



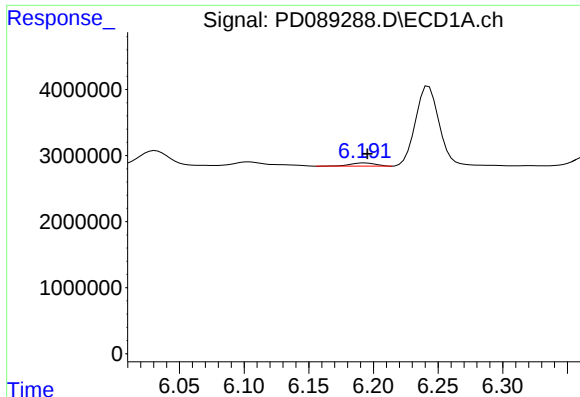
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 21114096
Conc: 9.57 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 107386289
Conc: 9.99 ng/ml



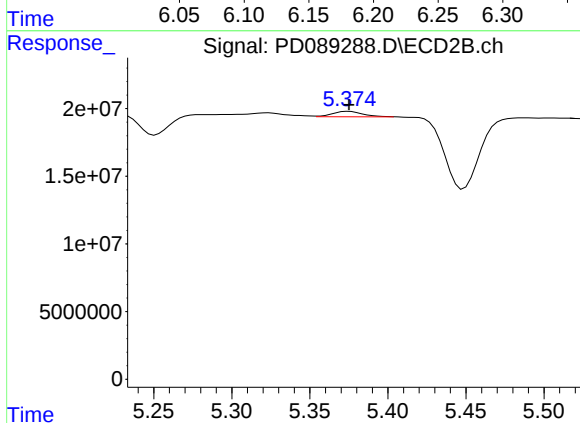
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 659131
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

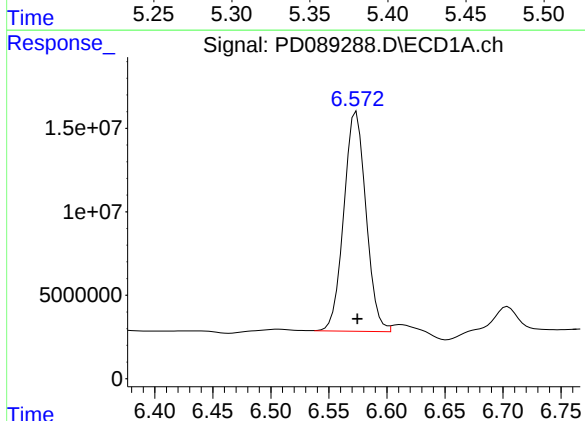
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



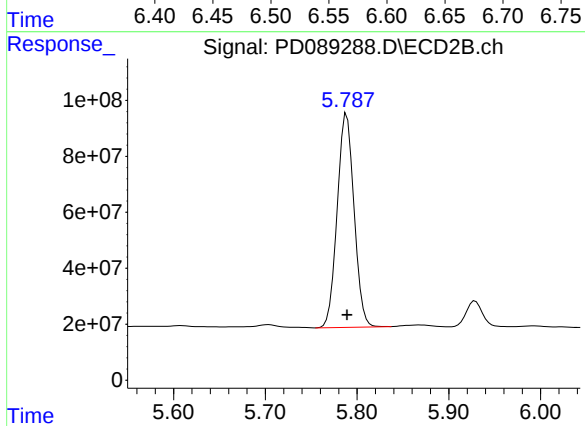
#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 5365273
Conc: 0.23 ng/ml m



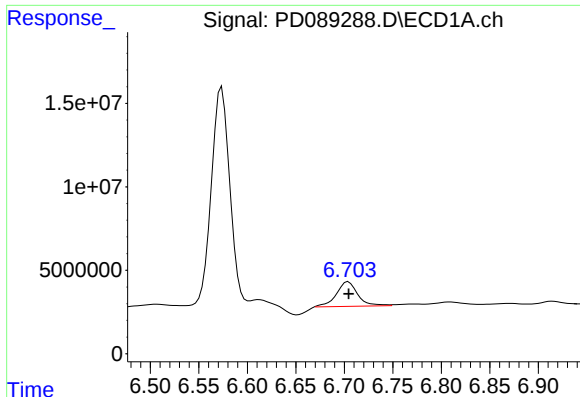
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 175633745
Conc: 42.57 ng/ml m



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 976002766
Conc: 44.95 ng/ml



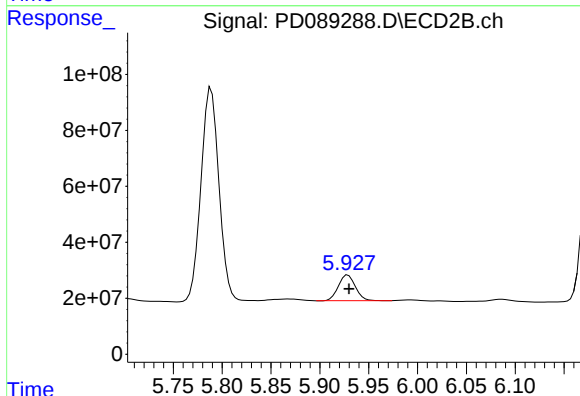
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 22568861
Conc: 6.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

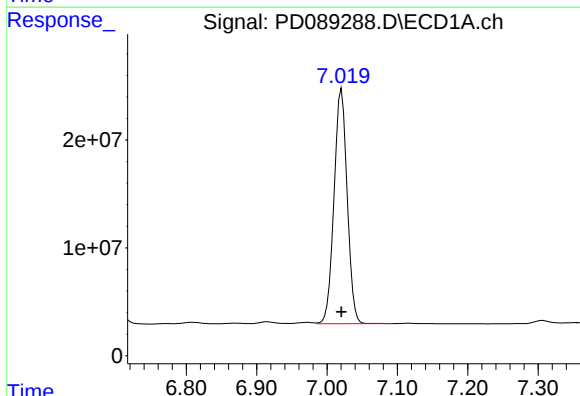
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



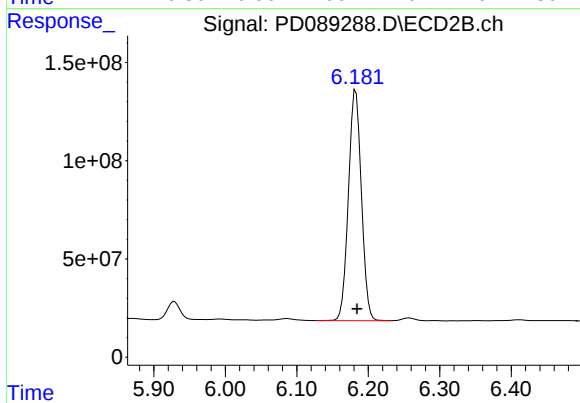
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 111742392
Conc: 5.84 ng/ml



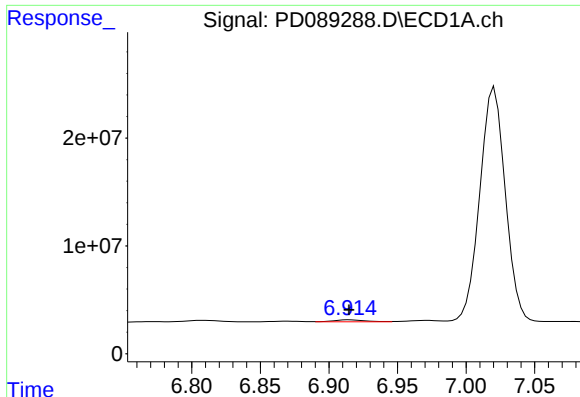
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 282343091
Conc: 74.53 ng/ml



#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 1485498279
Conc: 73.25 ng/ml



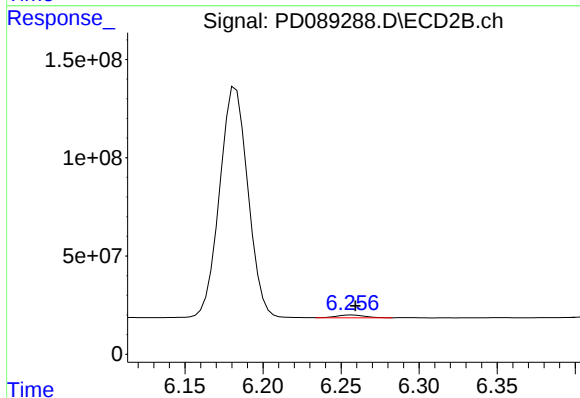
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 2694697
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

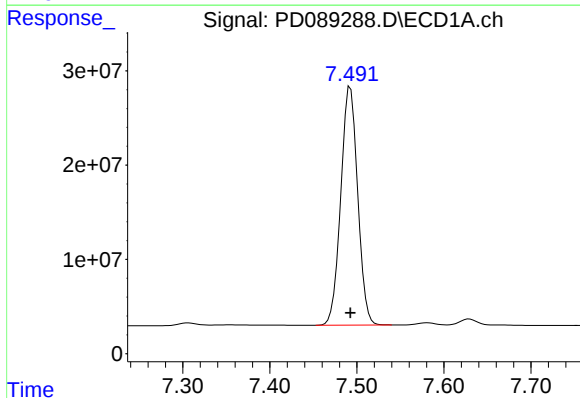
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



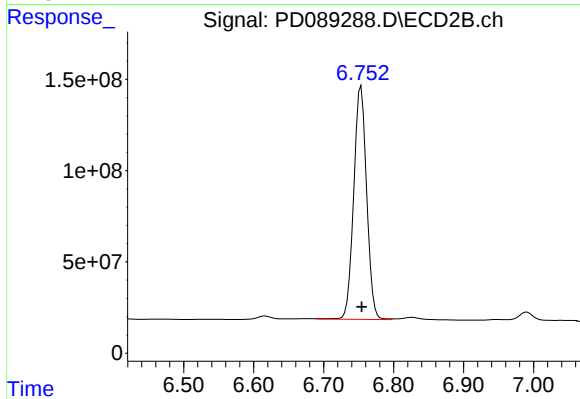
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 18199293
Conc: 1.19 ng/ml



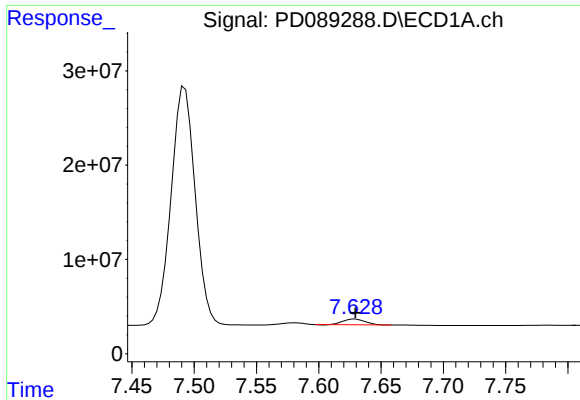
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 341053754
Conc: 168.79 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 1641013049
Conc: 152.40 ng/ml



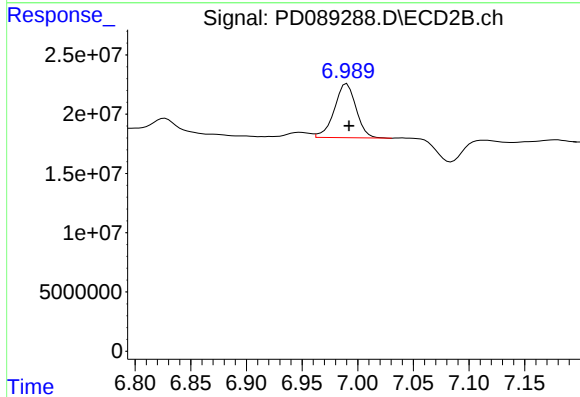
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 7636554
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

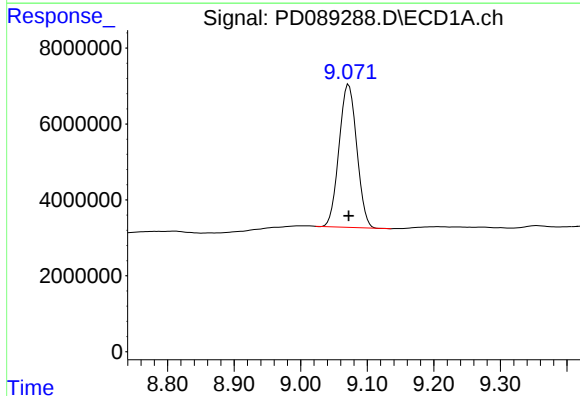
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



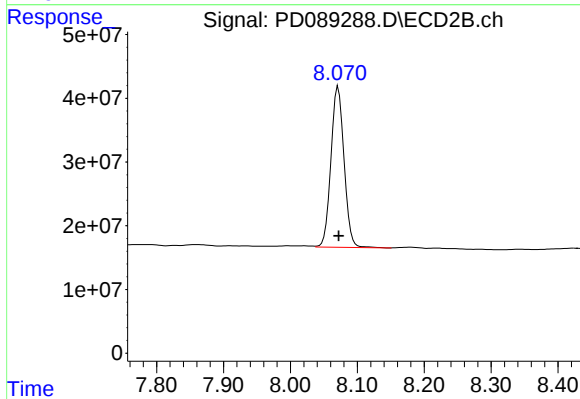
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 61808940
Conc: 2.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 69751872
Conc: 17.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 341577559
Conc: 17.28 ng/ml