

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
 Data File : PD089400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 13:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/10/2025
 Supervised By : mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:42:33 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...	3.556	2.878	64868884	418.8E6	22.736	24.704
28)	SA Decachlor...	9.081	8.072	92313287	497.5E6	23.504	25.163
Target Compounds							
2)	A alpha-BHC	4.006	3.391	62798501	345.7E6	10.773	12.900
3)	MA gamma-BHC...	4.337	3.728	62610769	314.2E6	11.217	12.691
6)	B beta-BHC	4.523	4.024	25968681	136.6E6	11.766	12.715
12)	B 4,4'-DDE	6.201	5.374	786932	2303868	0.180m	0.101m#
14)	MA Endrin	6.581	5.788	238.7E6	1206.2E6	57.847	55.551
16)	A 4,4'-DDD	6.712	5.929	3984875	26213152	1.161	1.370
17)	MA 4,4'-DDT	7.028	6.183	448.8E6	2277.0E6	118.485	112.282
18)	B Endrin al...	6.923	6.256	1078046	14424720	0.352	0.942 #
20)	A Methoxychlor	7.500	6.753	537.5E6	2298.1E6	265.994	213.416
21)	B Endrin ke...	7.635	6.990	4611511	33310361	1.132m	1.542 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
Data File : PD089400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 13:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

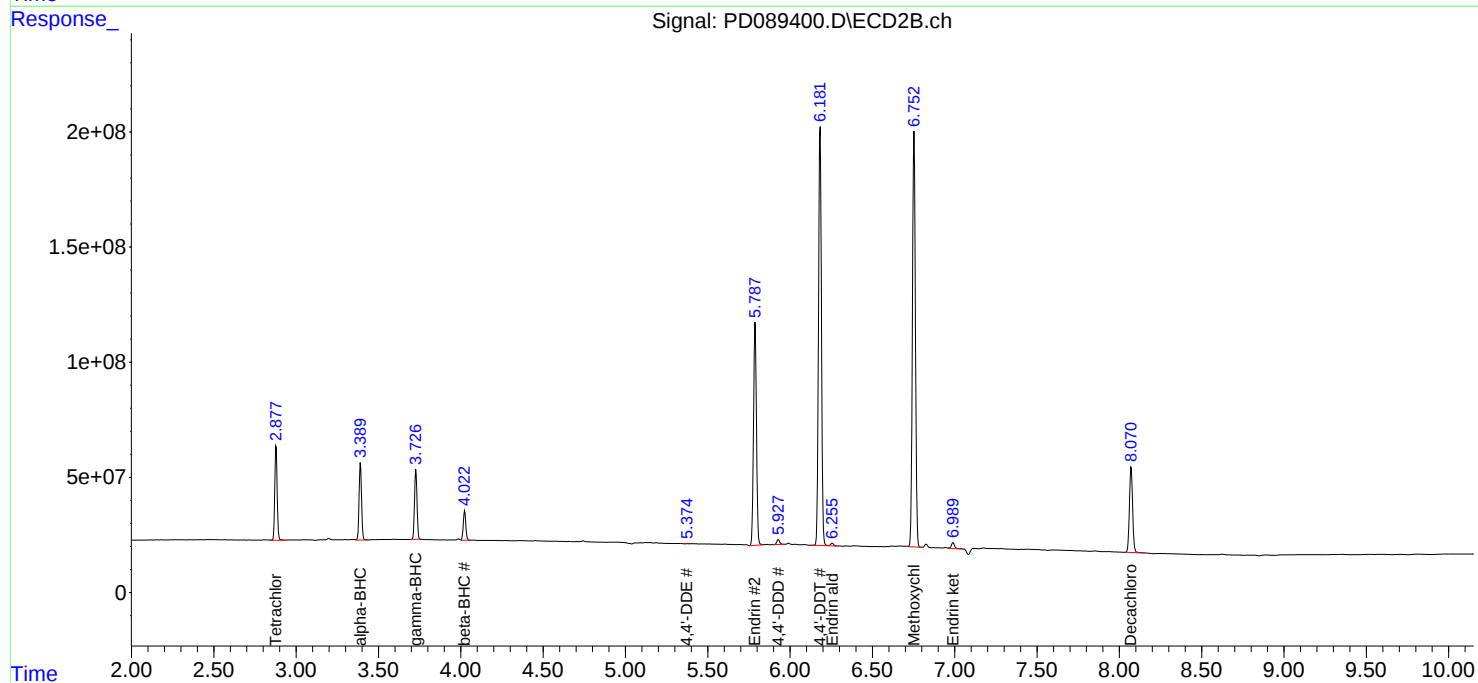
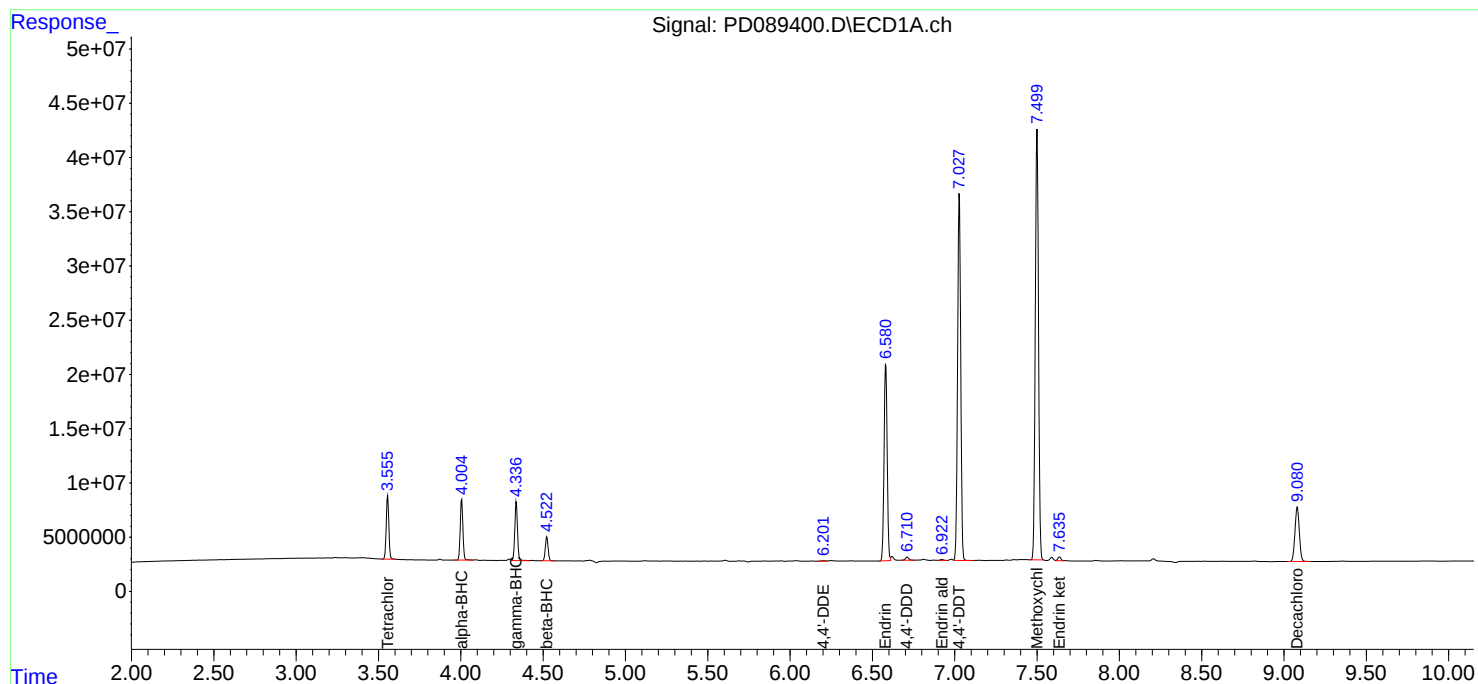
Instrument :
ECD_D
ClientSampleId :
PEM

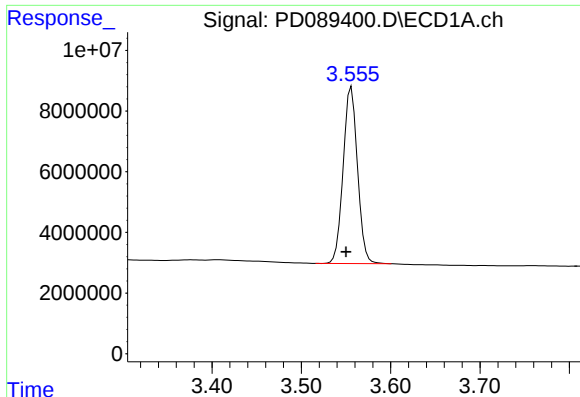
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:42:33 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





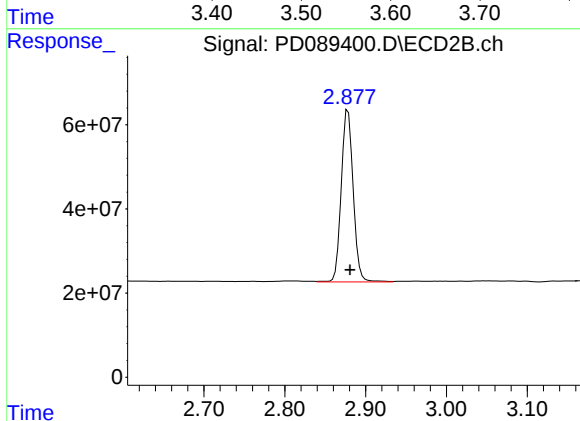
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 64868884
Conc: 22.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

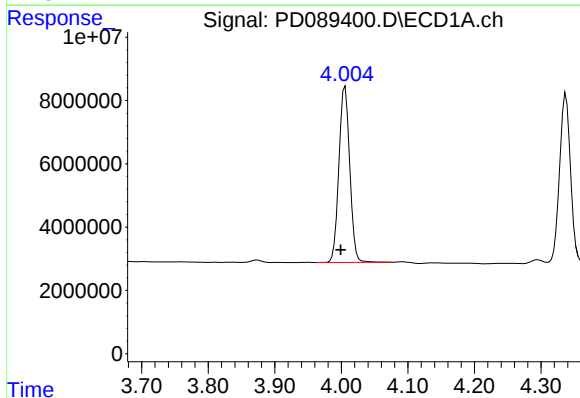
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



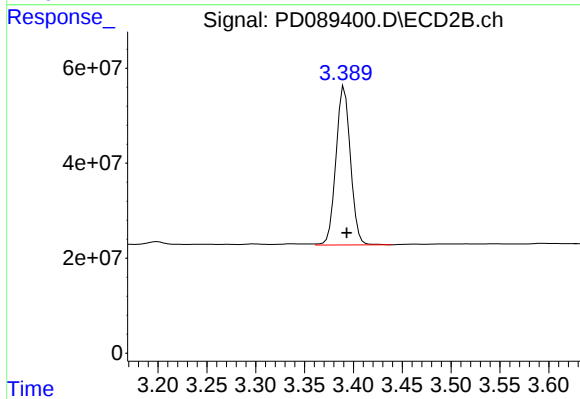
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.003 min
Response: 418805078
Conc: 24.70 ng/ml



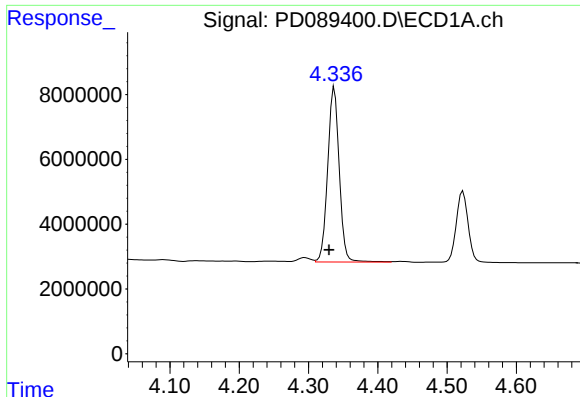
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 62798501
Conc: 10.77 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 345671027
Conc: 12.90 ng/ml



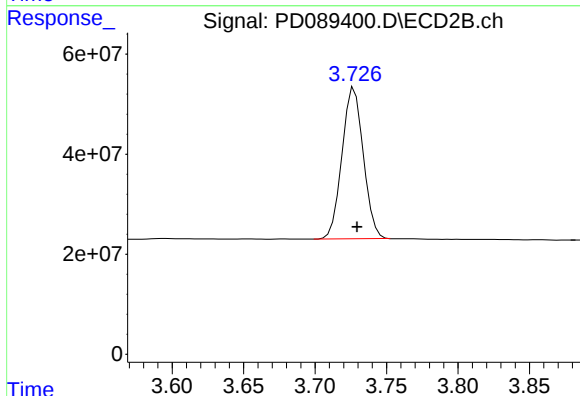
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.007 min
Response: 62610769
Conc: 11.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

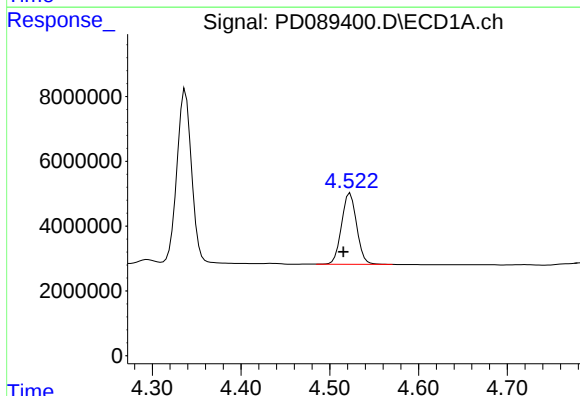
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



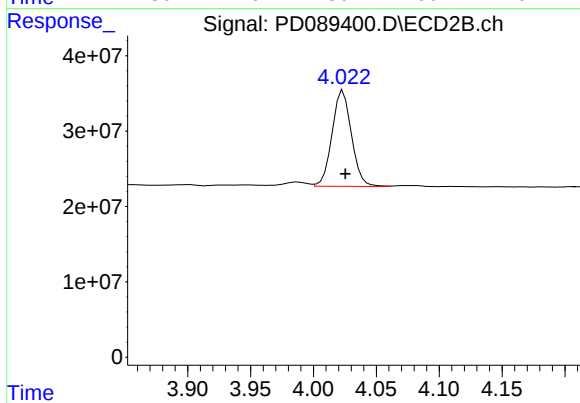
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 314183974
Conc: 12.69 ng/ml



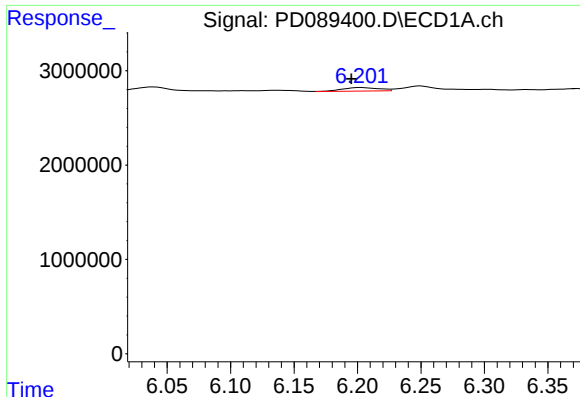
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.008 min
Response: 25968681
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 136636320
Conc: 12.71 ng/ml



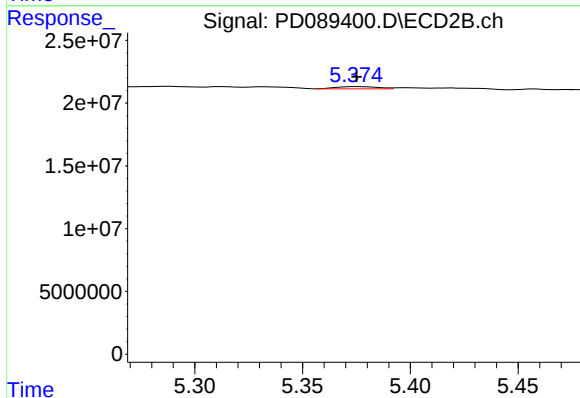
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.006 min
Response: 786932
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

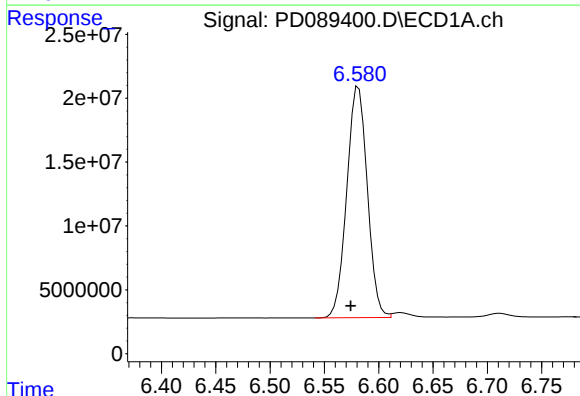
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



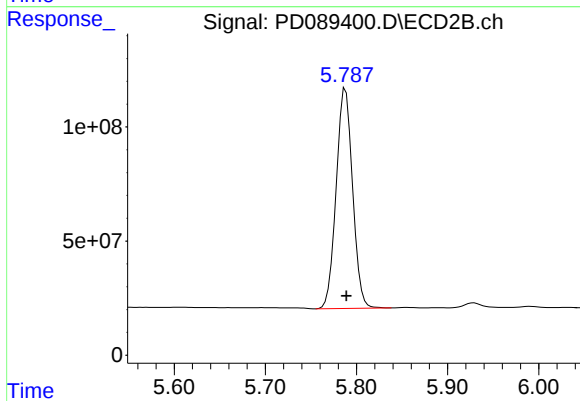
#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 2303868
Conc: 0.10 ng/ml m



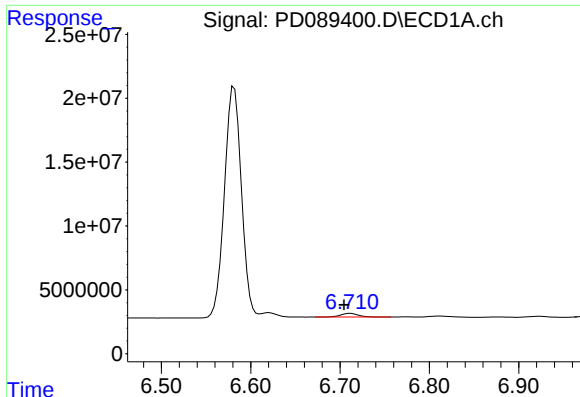
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.007 min
Response: 238652758
Conc: 57.85 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1206232395
Conc: 55.55 ng/ml



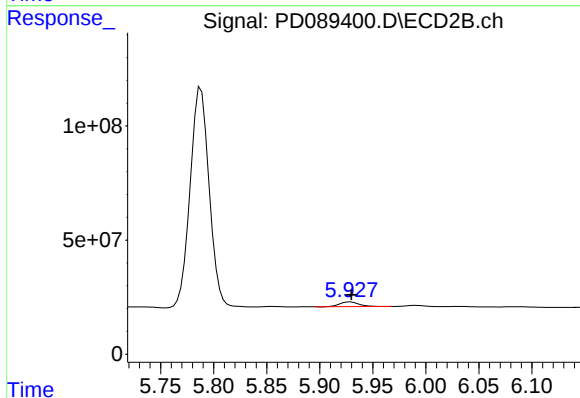
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.007 min
Response: 3984875
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

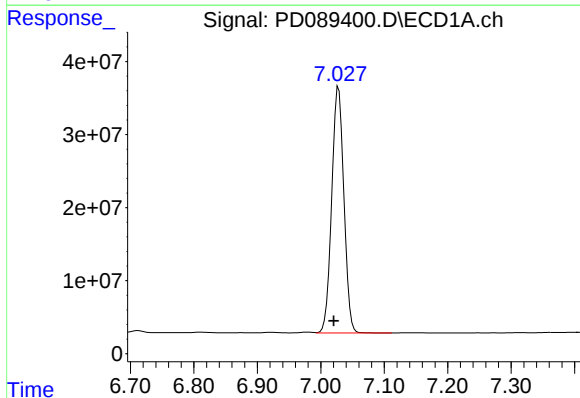
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



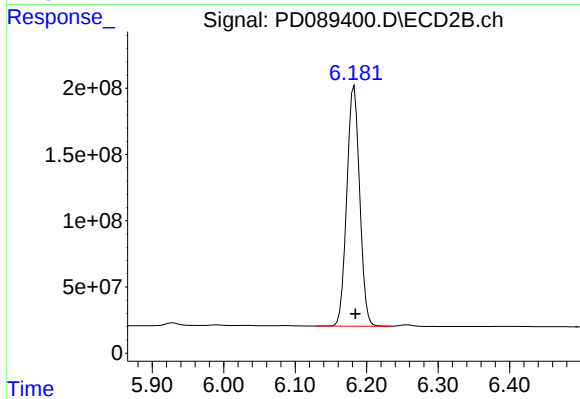
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 26213152
Conc: 1.37 ng/ml



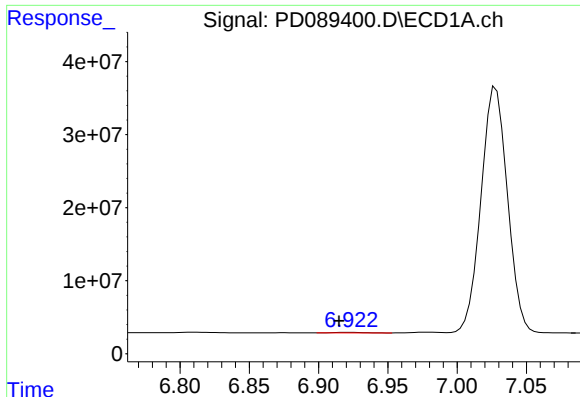
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.008 min
Response: 448845863
Conc: 118.49 ng/ml



#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 2276997131
Conc: 112.28 ng/ml



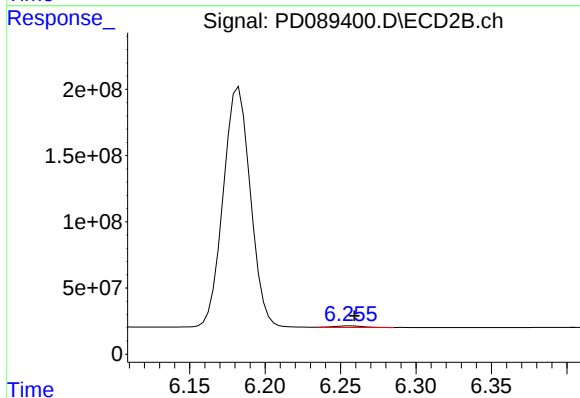
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.008 min
Response: 1078046
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

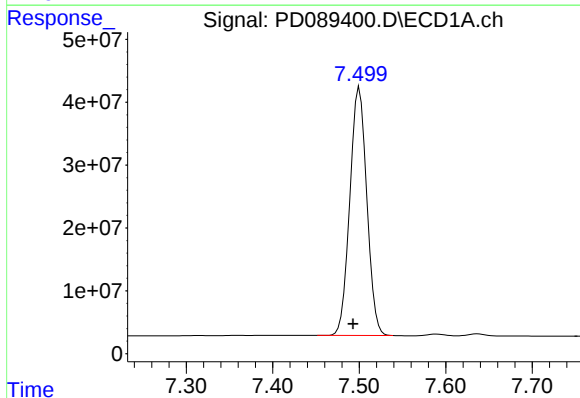
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



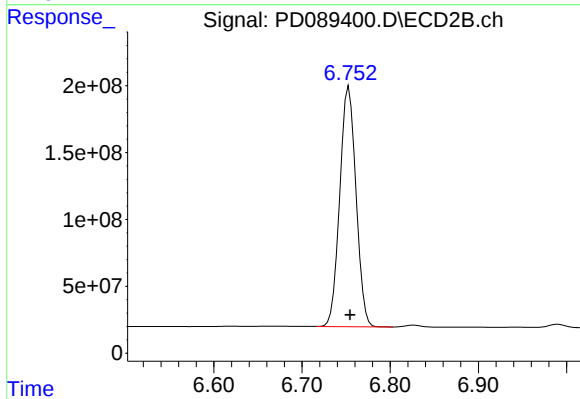
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 14424720
Conc: 0.94 ng/ml



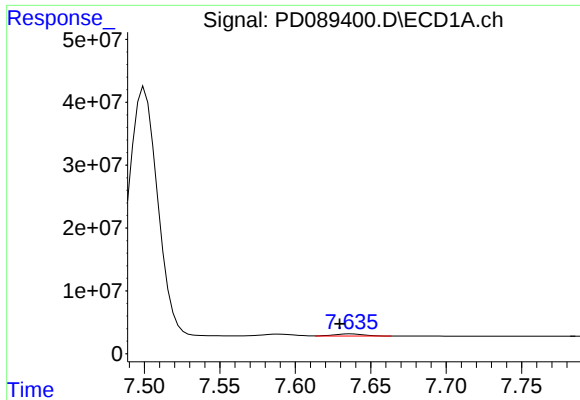
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.008 min
Response: 537475126
Conc: 265.99 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 2298084911
Conc: 213.42 ng/ml



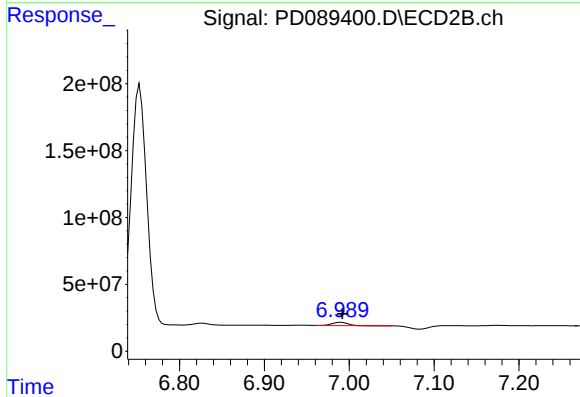
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: 0.006 min
Response: 4611511
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

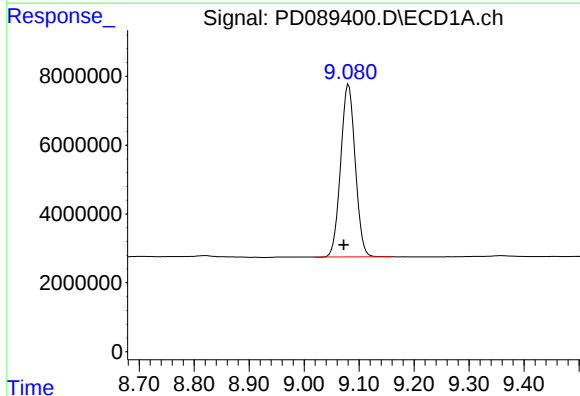
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



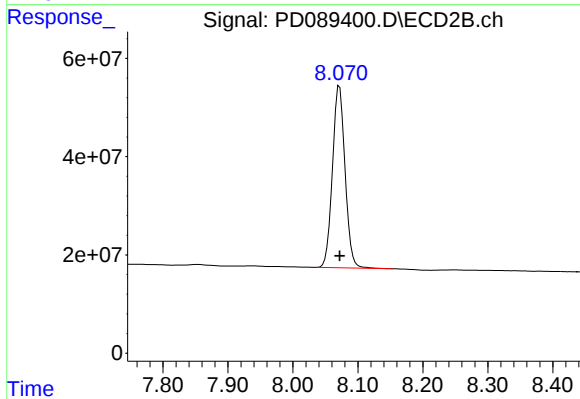
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 33310361
Conc: 1.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.009 min
Response: 92313287
Conc: 23.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 497466544
Conc: 25.16 ng/ml