

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
 Data File : PD088938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 22:32:27 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...	3.548	2.879	57091825	354.7E6	26.386	23.447
28)	SA Decachlor...	9.071	8.071	82107981	433.3E6	23.992	23.732
Target Compounds							
2)	A alpha-BHC	3.997	3.391	54056728	288.0E6	11.317	12.046
3)	MA gamma-BHC...	4.329	3.728	53858289	270.1E6	11.701	12.187
6)	B beta-BHC	4.514	4.024	22939914	119.6E6	12.722	12.277
12)	B 4,4'-DDE	6.194	5.374	739100	2883061	0.206m	0.138m#
14)	MA Endrin	6.573	5.788	200.7E6	1010.5E6	58.757	52.399
16)	A 4,4'-DDD	6.704	5.929	10778960	68219837	3.870	3.922
17)	MA 4,4'-DDT	7.020	6.183	352.9E6	1828.2E6	113.024	100.797
18)	B Endrin al...	6.915	6.257	1637440	15201526	0.636	1.091 #
20)	A Methoxychlor	7.492	6.753	427.3E6	1889.2E6	255.758	197.314
21)	B Endrin ke...	7.629	6.990	5552468	46304778	1.622	2.393 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061325\
Data File : PD088938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 09:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

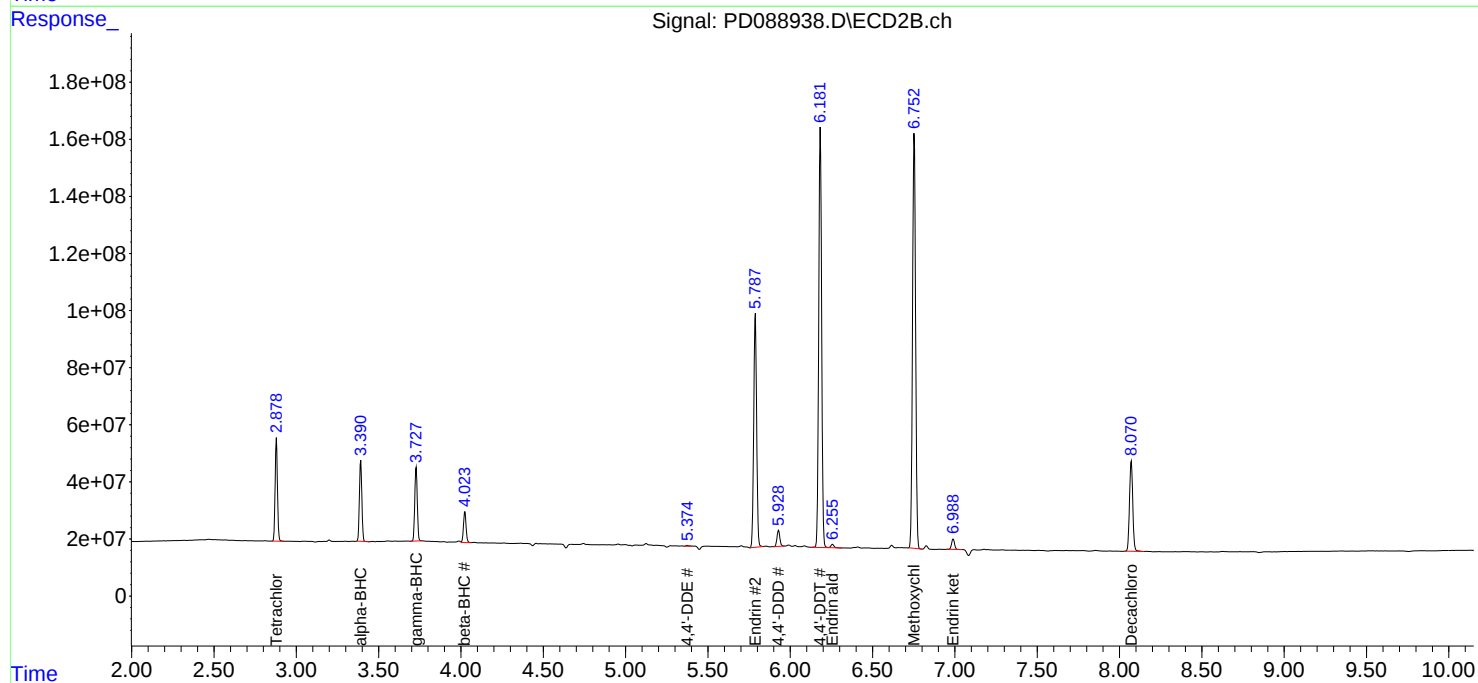
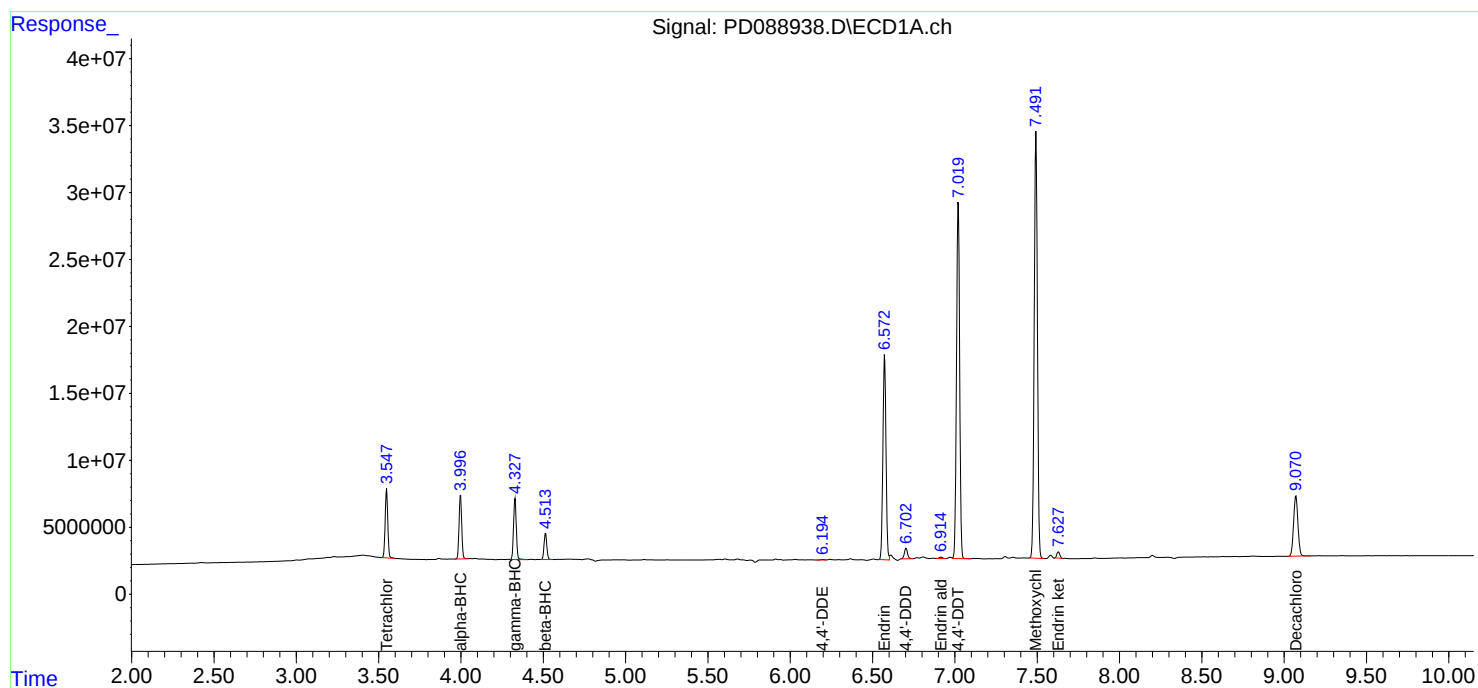
Instrument :
ECD_D
ClientSampleId :
PEM

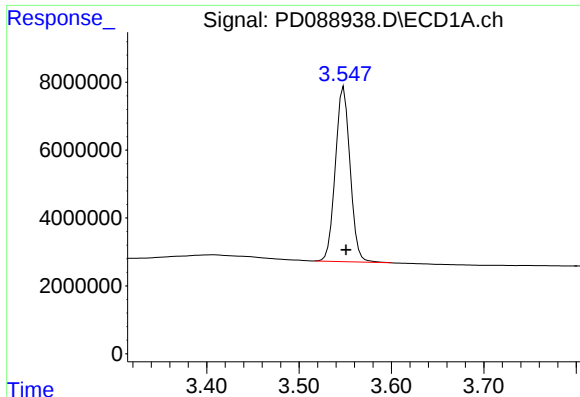
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 22:32:27 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





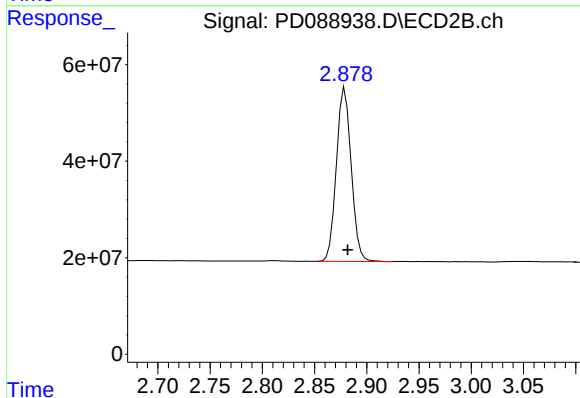
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 57091825
Conc: 26.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

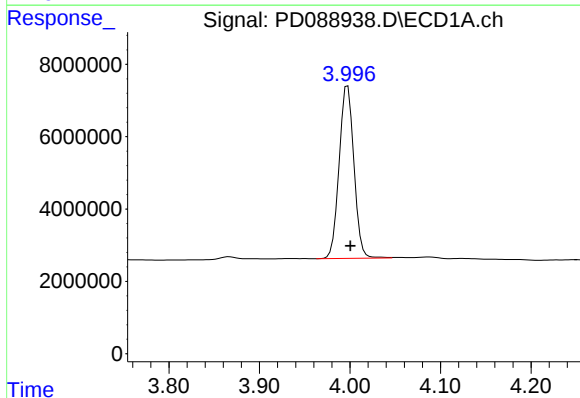
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



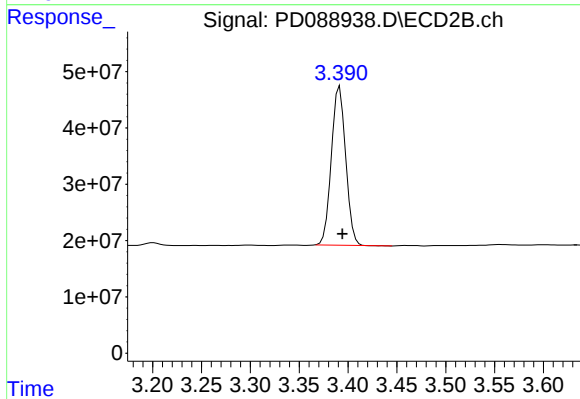
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 354685044
Conc: 23.45 ng/ml



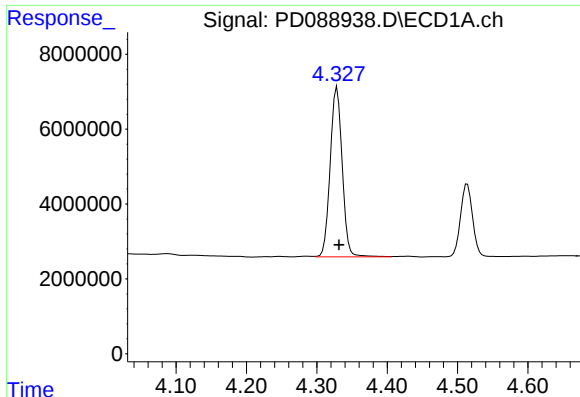
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 54056728
Conc: 11.32 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 287952932
Conc: 12.05 ng/ml



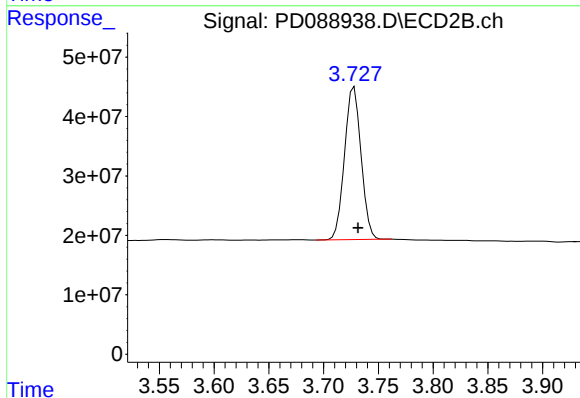
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 53858289
Conc: 11.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

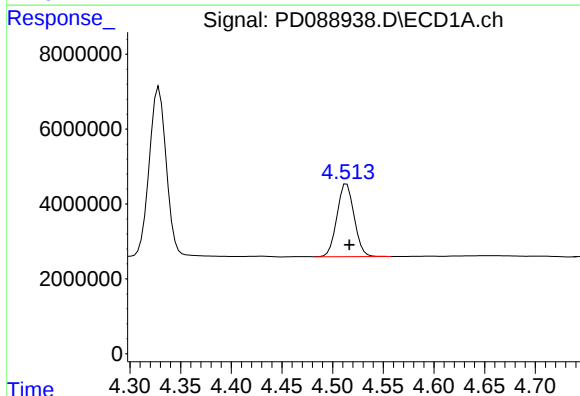
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



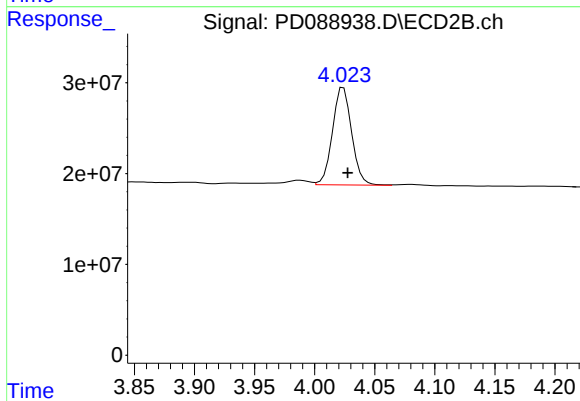
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 270135267
Conc: 12.19 ng/ml



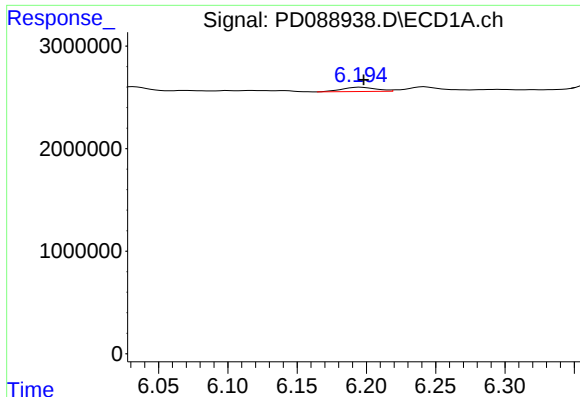
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 22939914
Conc: 12.72 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 119604906
Conc: 12.28 ng/ml



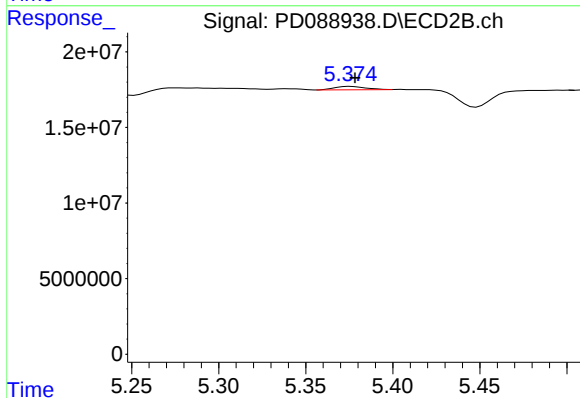
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 739100
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

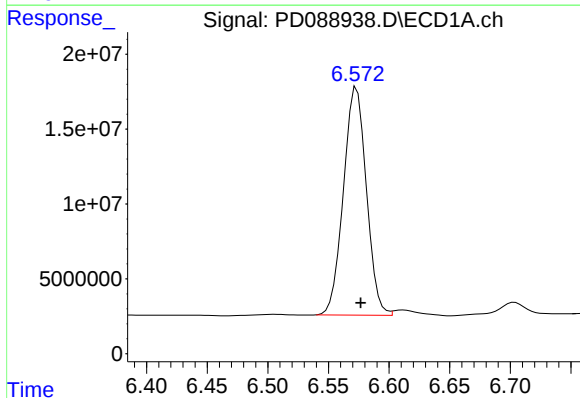
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



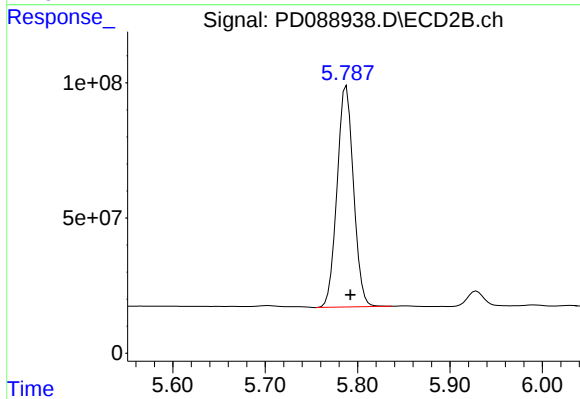
#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 2883061
Conc: 0.14 ng/ml m



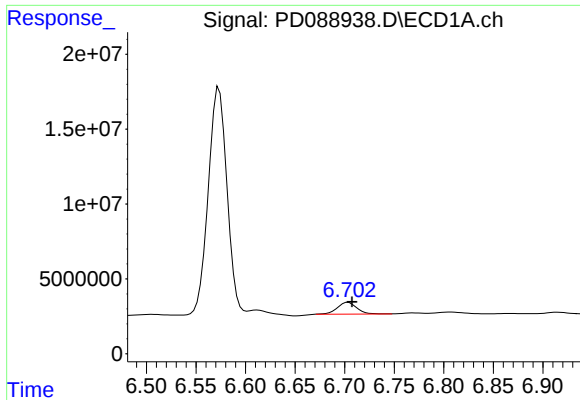
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 200667182
Conc: 58.76 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 1010465472
Conc: 52.40 ng/ml



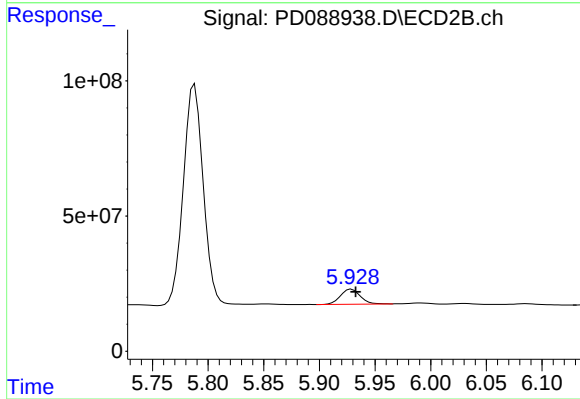
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 10778960
Conc: 3.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

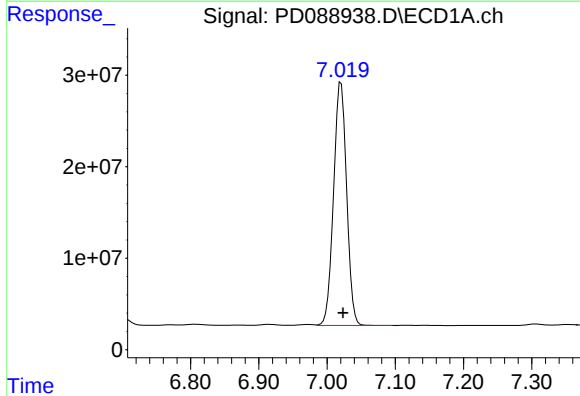
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



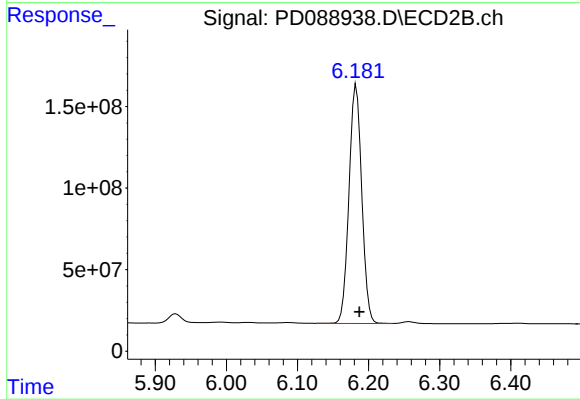
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 68219837
Conc: 3.92 ng/ml



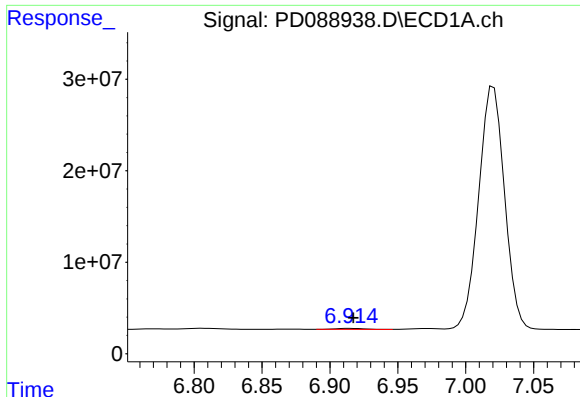
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 352865736
Conc: 113.02 ng/ml



#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1828186488
Conc: 100.80 ng/ml



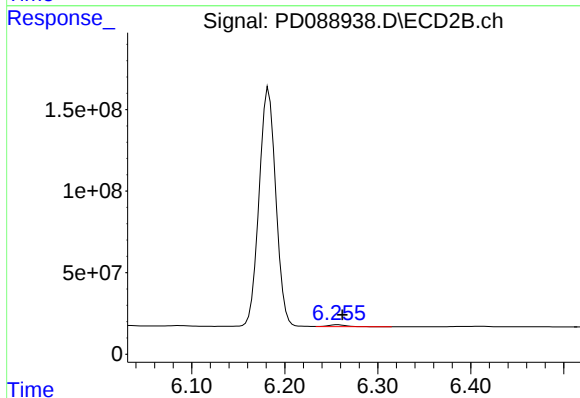
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 1637440
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

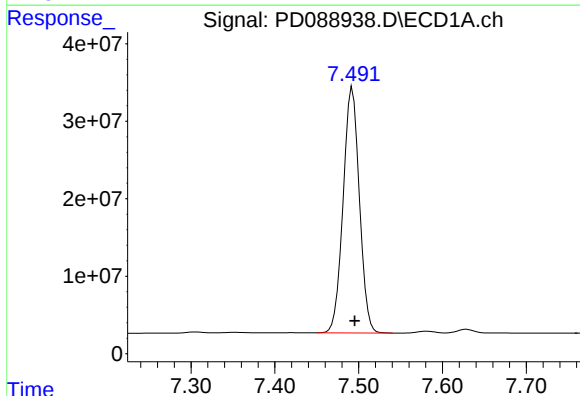
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



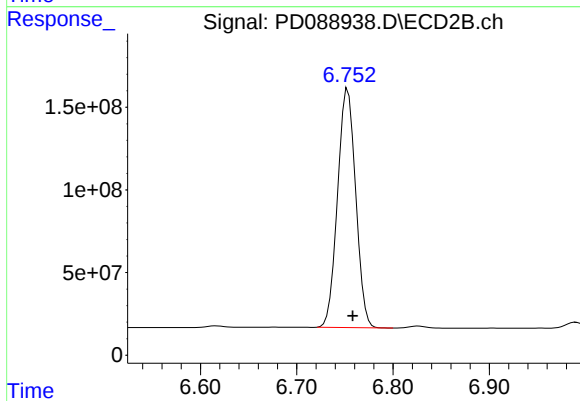
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 15201526
Conc: 1.09 ng/ml



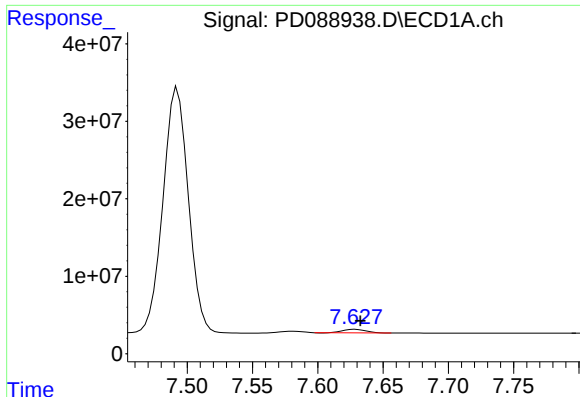
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 427258259
Conc: 255.76 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 1889236461
Conc: 197.31 ng/ml



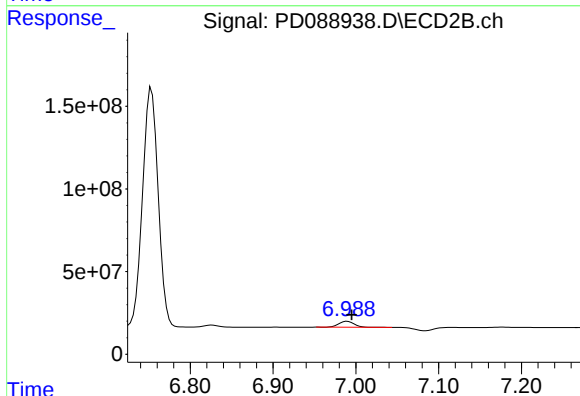
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 5552468
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

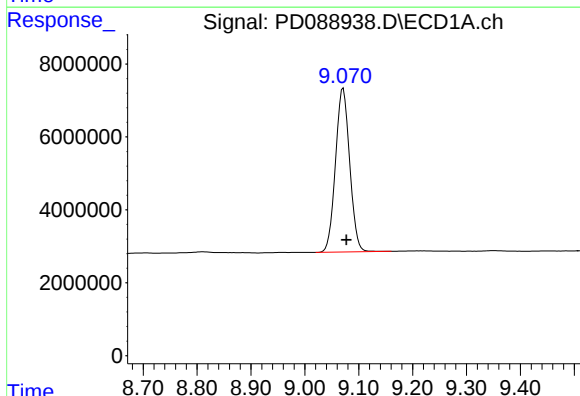
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



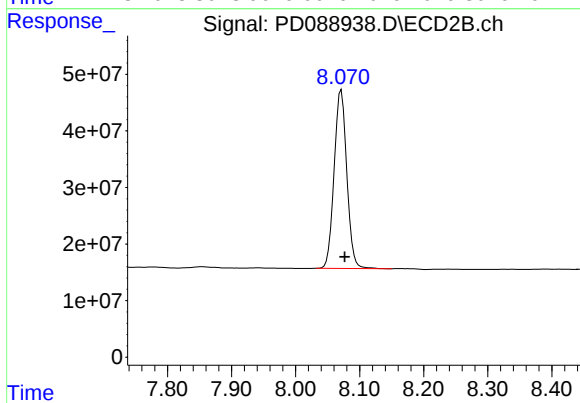
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 46304778
Conc: 2.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 82107981
Conc: 23.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 433259123
Conc: 23.73 ng/ml