

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
 Data File : PD069505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2022 10:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2022
 Supervised By : mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 18:04:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 18 13:40:55 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.443	4.171	25659311	240.7E6	23.115	22.453
28)	SA Decachlor...	8.196	9.364	29471498	157.9E6	23.603	24.122
Target Compounds							
2)	A alpha-BHC	3.882	4.567	18092791	174.7E6	11.088	11.331
3)	MA gamma-BHC...	4.165	4.858	22008604	163.0E6	12.866	11.543
6)	B beta-BHC	4.415	5.021	9081506	76410159	13.063	12.437
12)	B 4,4'-DDE	5.603	6.545	864712	6403079	0.683	0.593m
14)	MA Endrin	5.993	6.926	73573013	485.0E6	60.851	53.476
16)	A 4,4'-DDD	6.121	7.036	1421418	15262156	1.304	1.772m#
17)	MA 4,4'-DDT	6.361	7.340	133.8E6	883.0E6	124.435	101.806
18)	B Endrin al...	6.435	7.254	736808	4203268	0.798	0.608m
20)	A Methoxychlor	6.911	7.793	176.4E6	1034.2E6	277.760	239.904
21)	B Endrin ke...	7.141	7.955	1628016	11443620	1.156	1.266

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
Data File : PD069505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2022 10:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

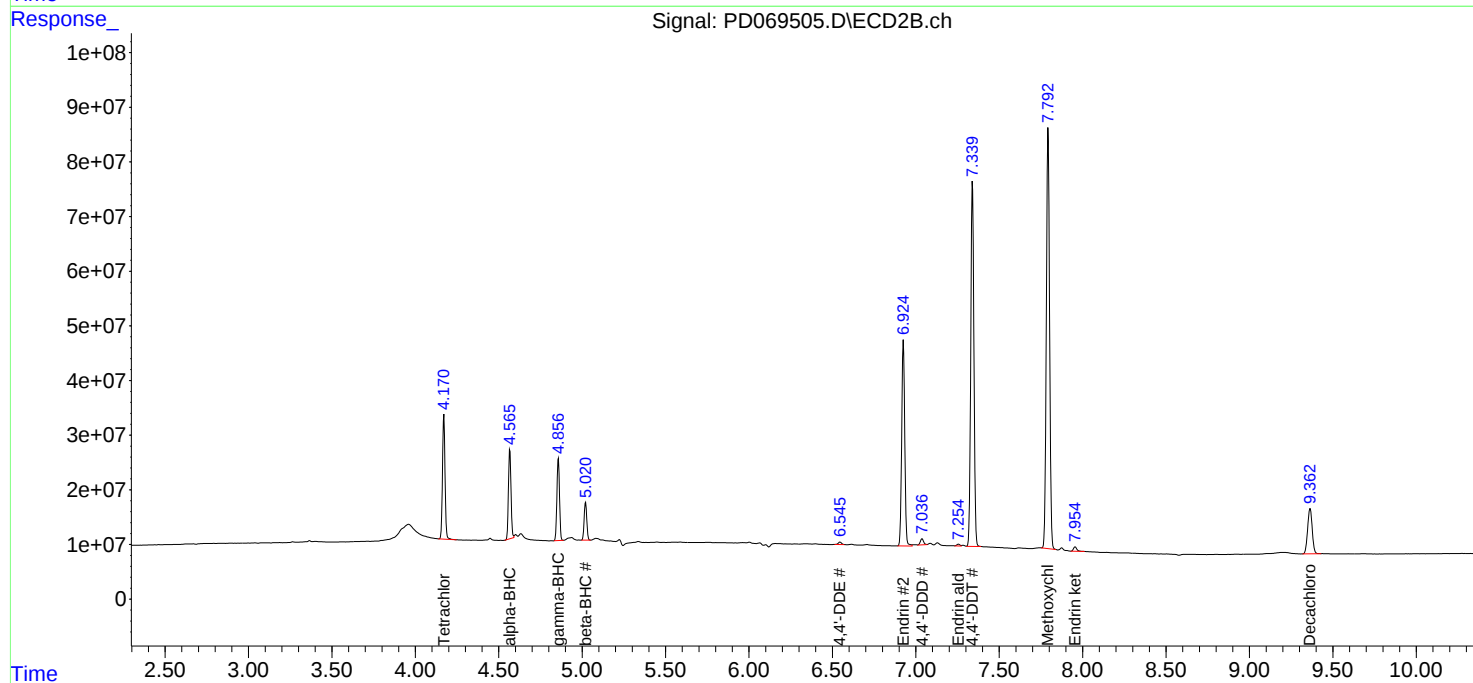
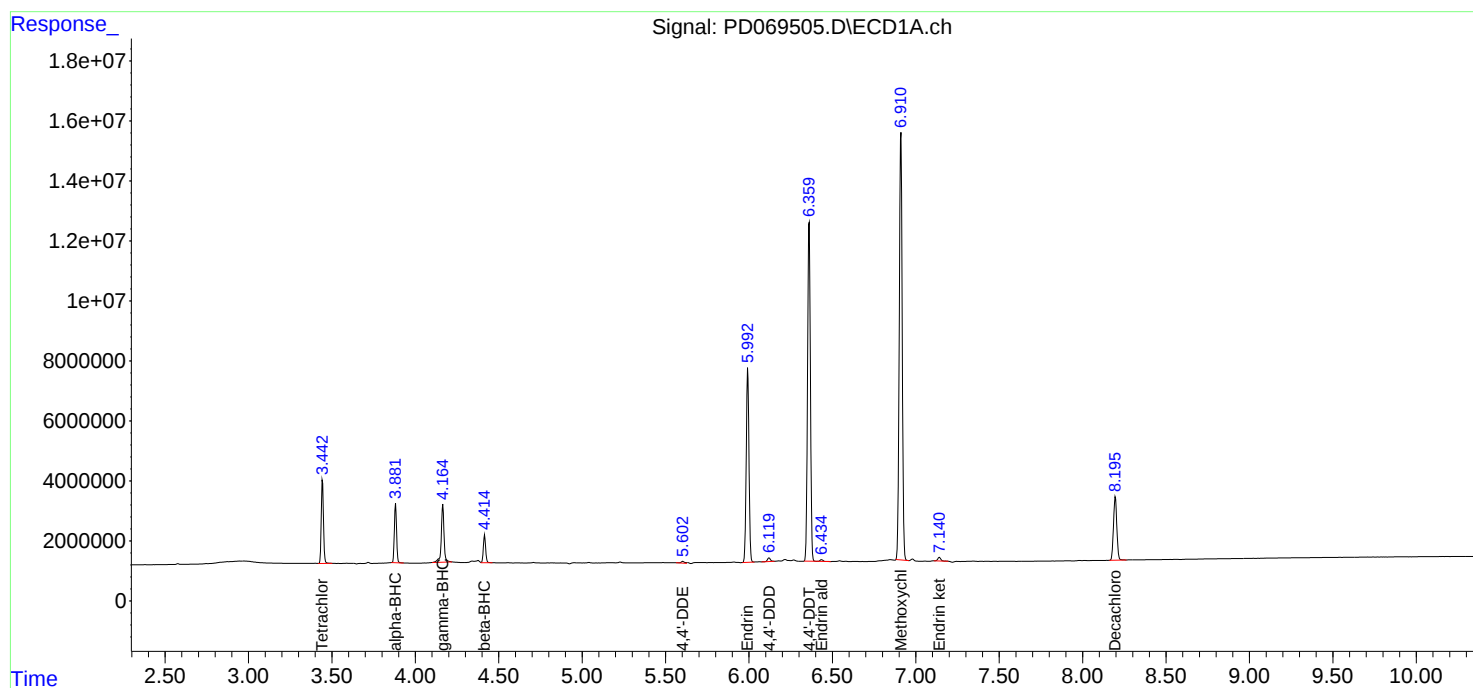
Instrument :
ECD_D
ClientSampleId :
PEM

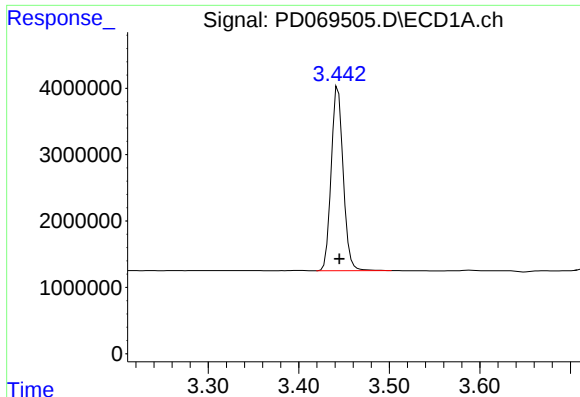
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/11/2022
Supervised By : mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 18:04:56 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





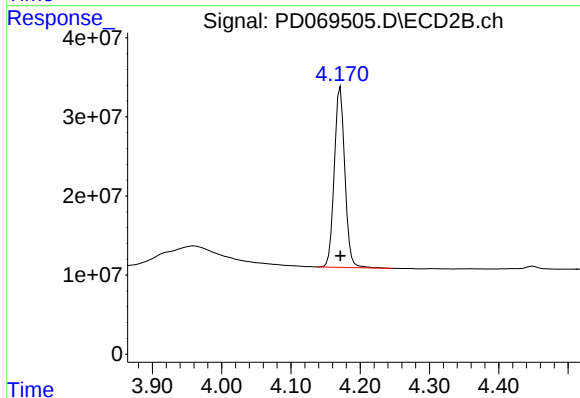
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 25659311
Conc: 23.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

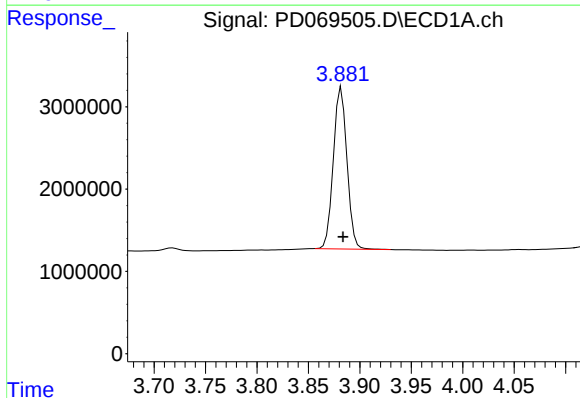
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



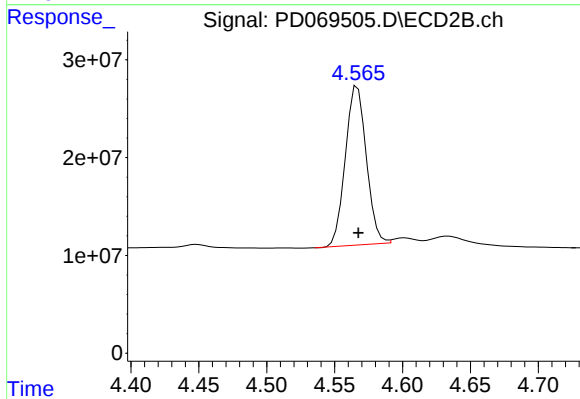
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 240733297
Conc: 22.45 ng/ml



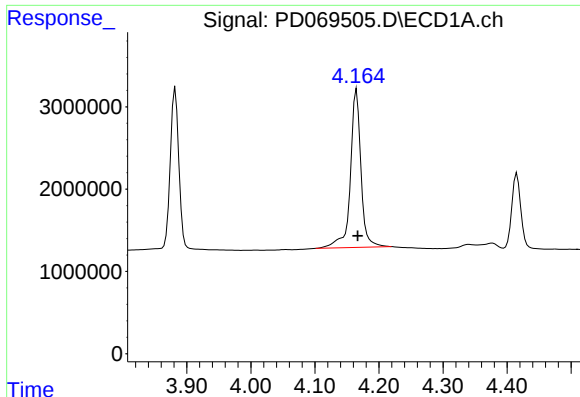
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.002 min
Response: 18092791
Conc: 11.09 ng/ml



#2 alpha-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 174728483
Conc: 11.33 ng/ml



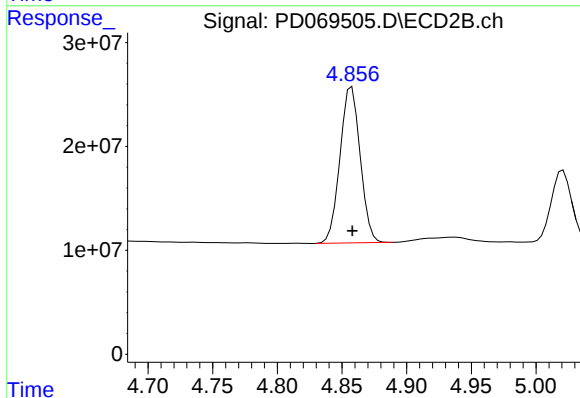
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 22008604
Conc: 12.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

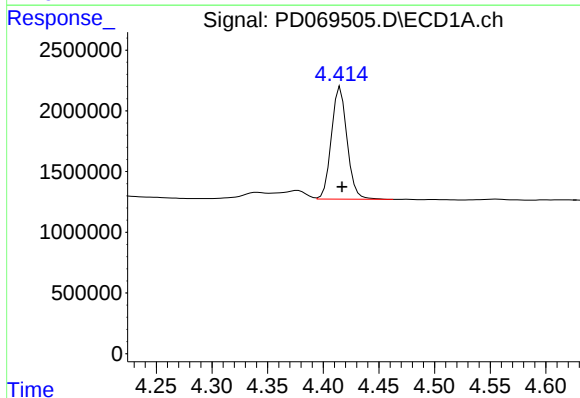
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



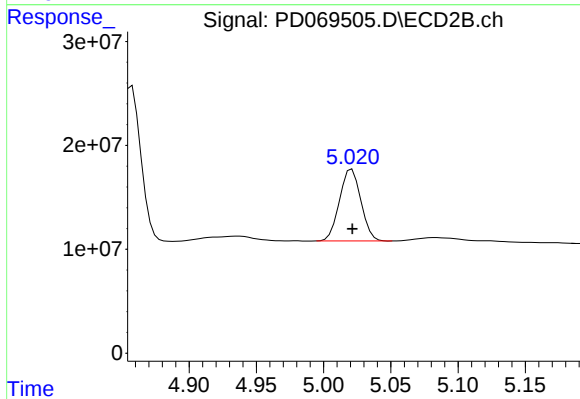
#3 gamma-BHC (Lindane)

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 162997234
Conc: 11.54 ng/ml



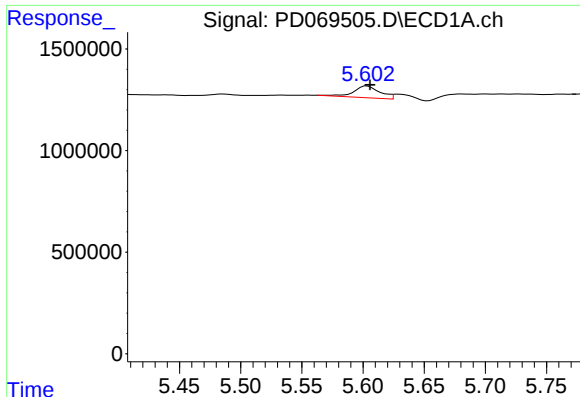
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 9081506
Conc: 13.06 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 76410159
Conc: 12.44 ng/ml



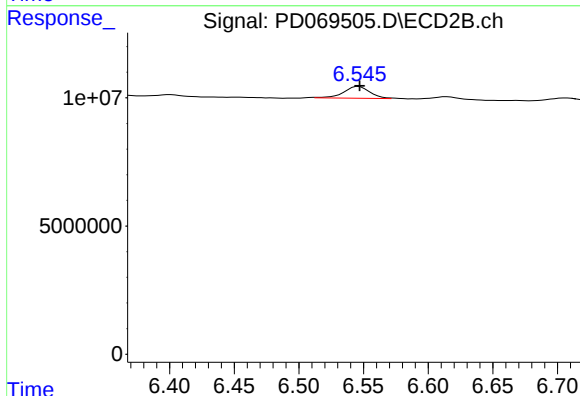
#12 4,4'-DDE

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 864712
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



#12 4,4'-DDE

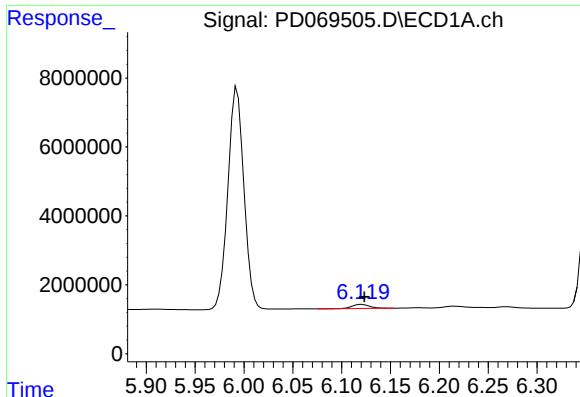
R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 6403079
Conc: 0.59 ng/ml m

#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 73573013
Conc: 60.85 ng/ml

#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 485038824
Conc: 53.48 ng/ml



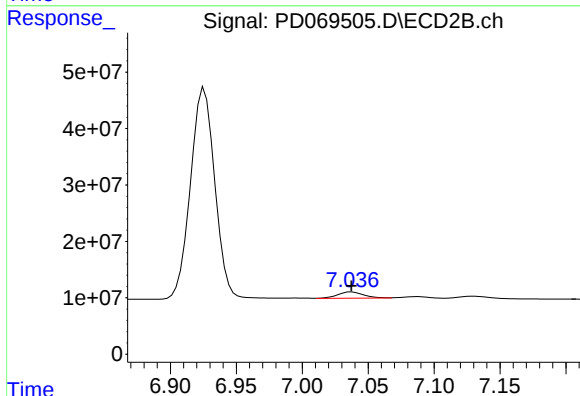
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 1421418
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

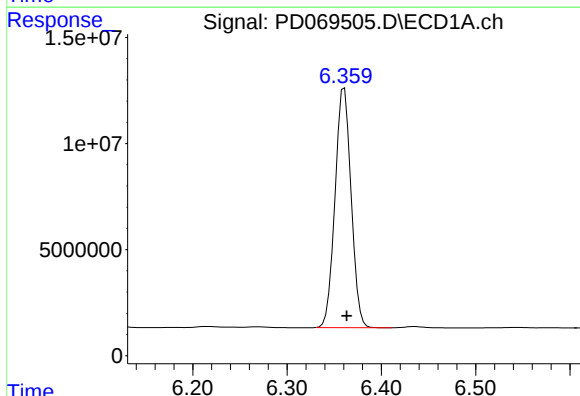
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



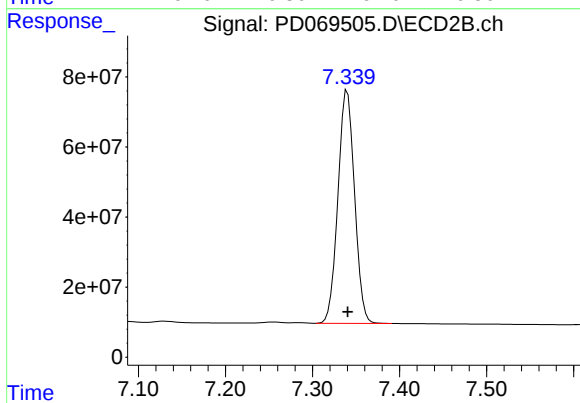
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 15262156
Conc: 1.77 ng/ml m



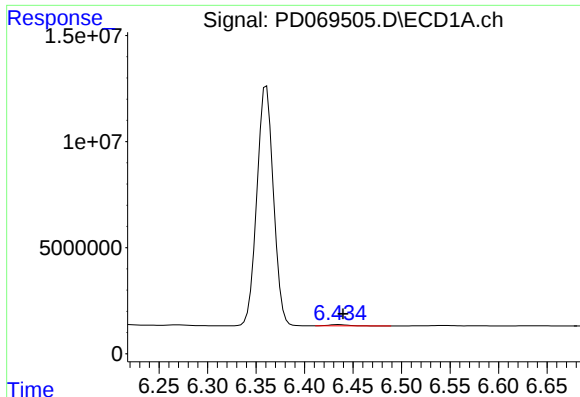
#17 4,4'-DDT

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 133788267
Conc: 124.43 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 883038657
Conc: 101.81 ng/ml



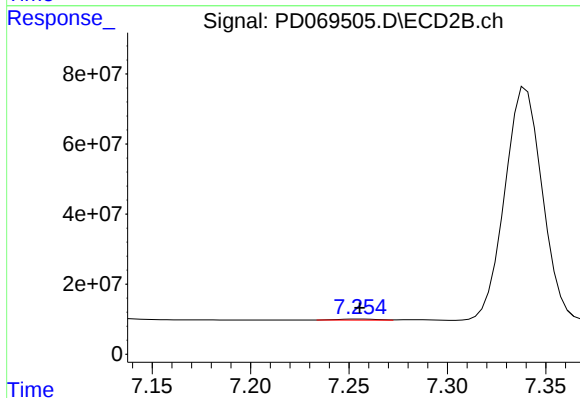
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 736808
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

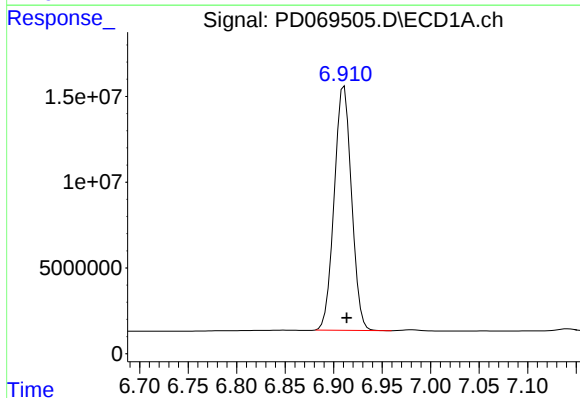
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



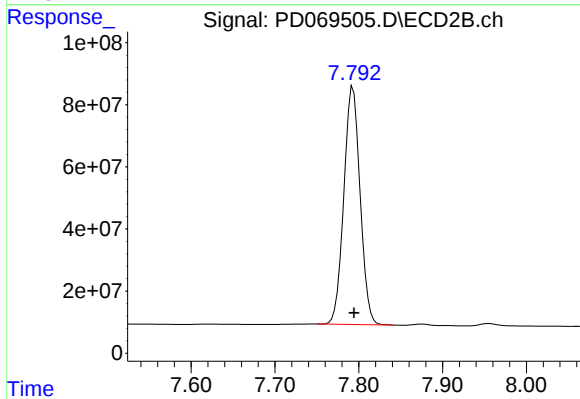
#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: -0.001 min
Response: 4203268
Conc: 0.61 ng/ml m



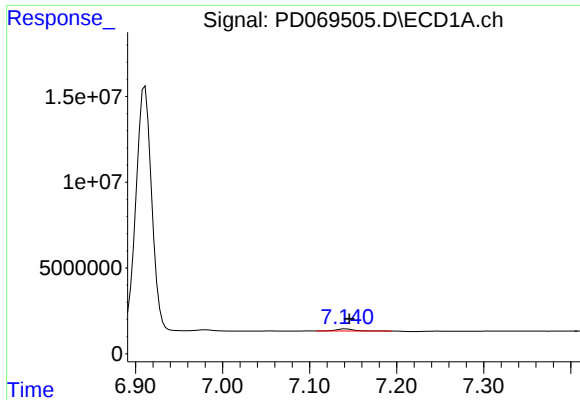
#20 Methoxychlor

R.T.: 6.911 min
Delta R.T.: -0.003 min
Response: 176447259
Conc: 277.76 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: -0.001 min
Response: 1034247785
Conc: 239.90 ng/ml



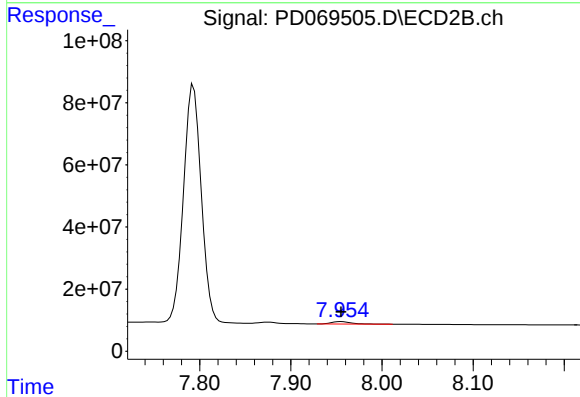
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: -0.004 min
Response: 1628016
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

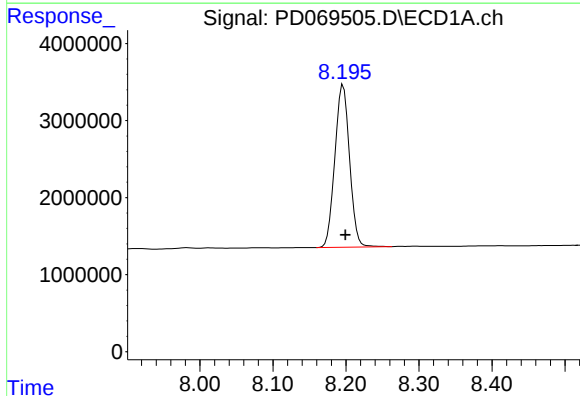
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



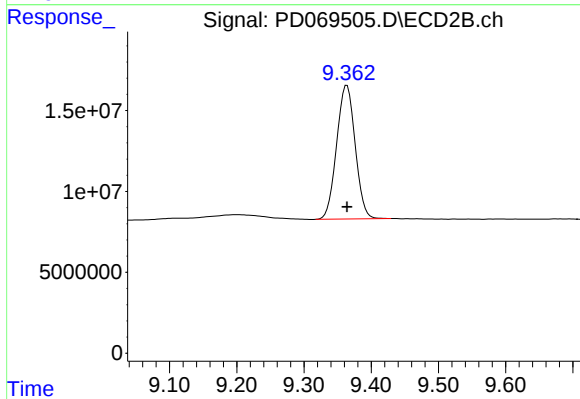
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 11443620
Conc: 1.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 29471498
Conc: 23.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.000 min
Response: 157853492
Conc: 24.12 ng/ml