

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041822\
 Data File : PD069175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2022 13:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/19/2022
 Supervised By :mohammad ahmed 04/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 04:18:52 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...	3.445	4.169	22497250	219.3E6	20.266	20.457
28)	SA Decachlor...	8.200	9.362	24706559	141.8E6	19.787	21.668
Target Compounds							
2)	A alpha-BHC	3.884	4.565	15581145	167.5E6	9.548	10.863
3)	MA gamma-BHC...	4.167	4.856	14587576	149.1E6	8.528	10.562
6)	B beta-BHC	4.418	5.019	7537490	70511865	10.842	11.477
12)	B 4,4'-DDE	5.605	6.544	417413	6926551	0.330m	0.641m#
14)	MA Endrin	5.996	6.924	59049766	426.4E6	48.839	47.013
16)	A 4,4'-DDD	6.124	7.036	3698052	42881333	3.393	4.978 #
17)	MA 4,4'-DDT	6.363	7.340	105.5E6	762.5E6	98.141	87.914
18)	B Endrin al...	6.439	7.253	1063526	6882951	1.152	0.996m
20)	A Methoxychlor	6.915	7.792	139.3E6	885.7E6	219.327	205.444
21)	B Endrin ke...	7.145	7.954	2854131	22521172	2.027	2.491

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041822\
Data File : PD069175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2022 13:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

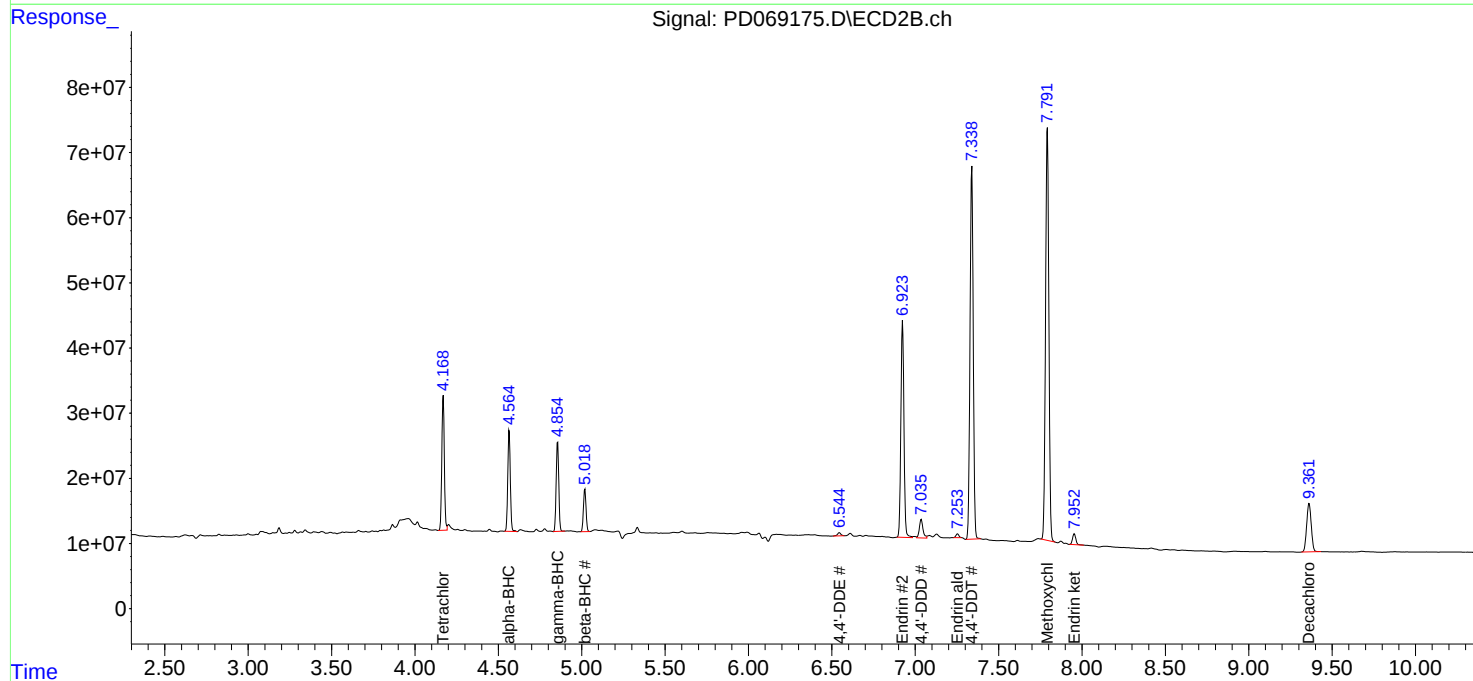
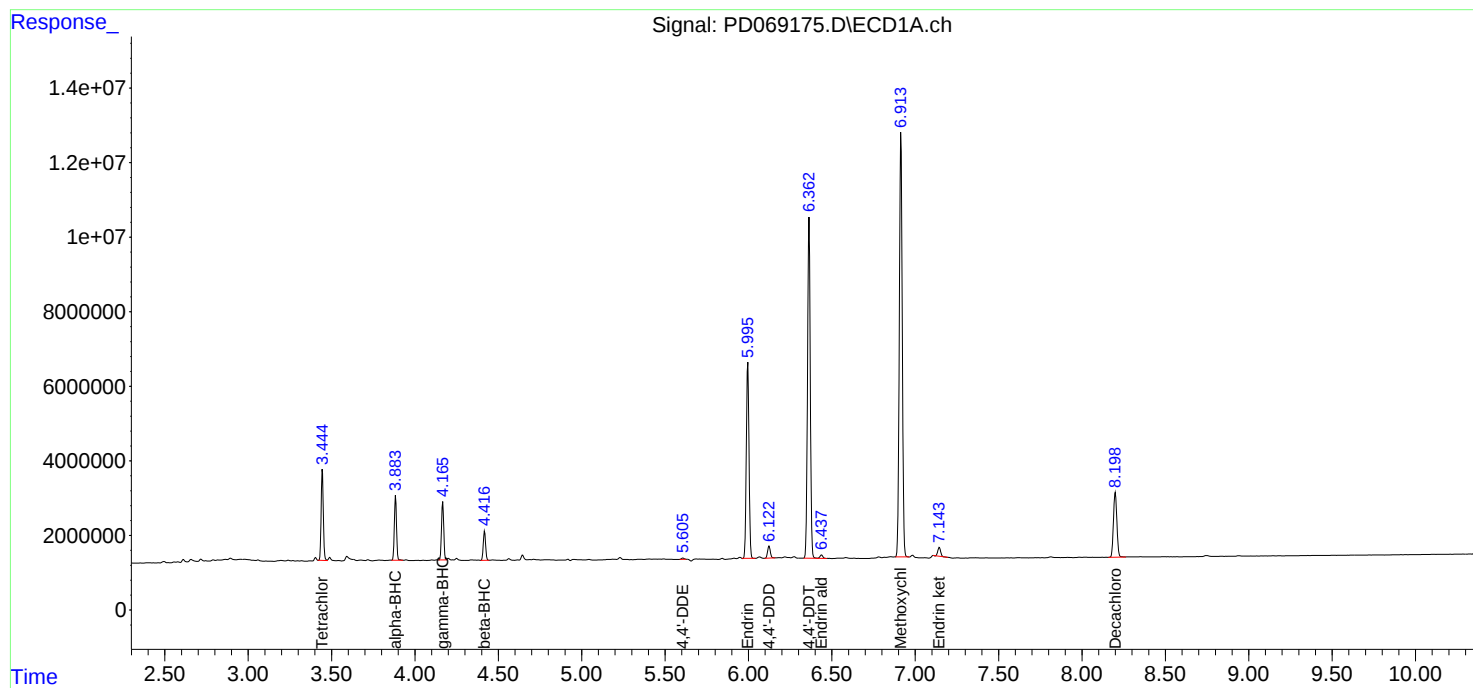
Instrument :
ECD_D
ClientSampleId :
PEM

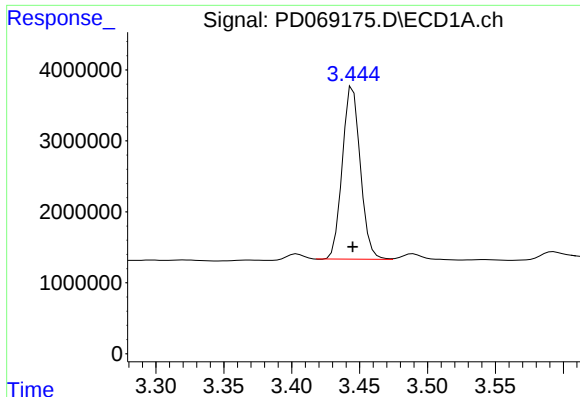
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/19/2022
Supervised By : mohammad ahmed 04/19/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 04:18:52 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





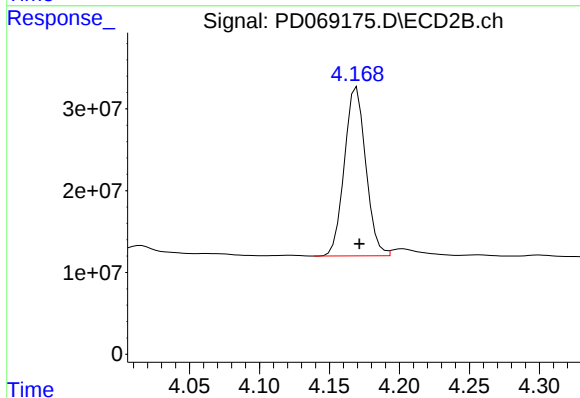
#1 Tetrachloro-m-xylene

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 22497250
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

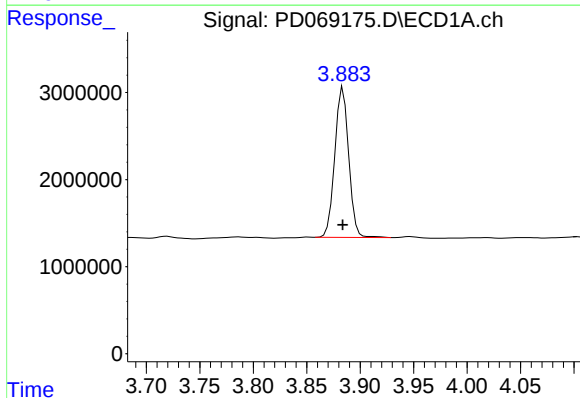
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



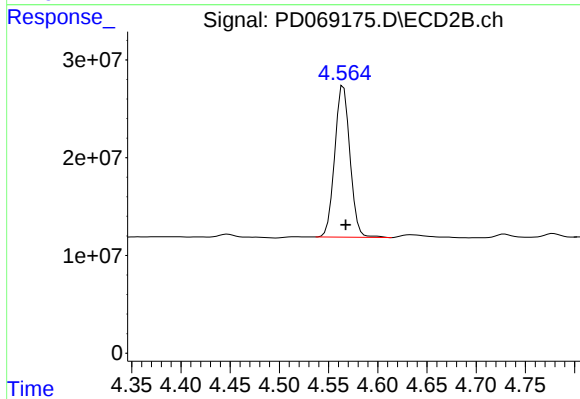
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: -0.002 min
Response: 219337735
Conc: 20.46 ng/ml



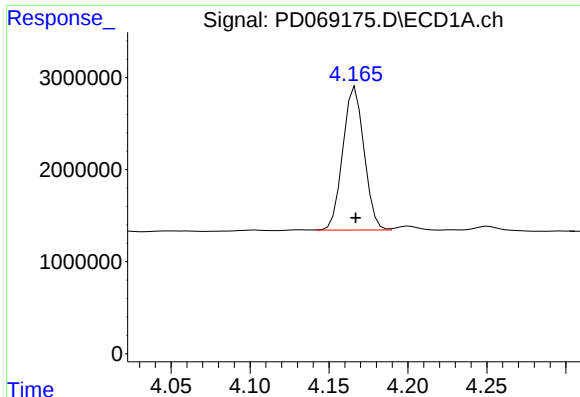
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 15581145
Conc: 9.55 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 167512346
Conc: 10.86 ng/ml



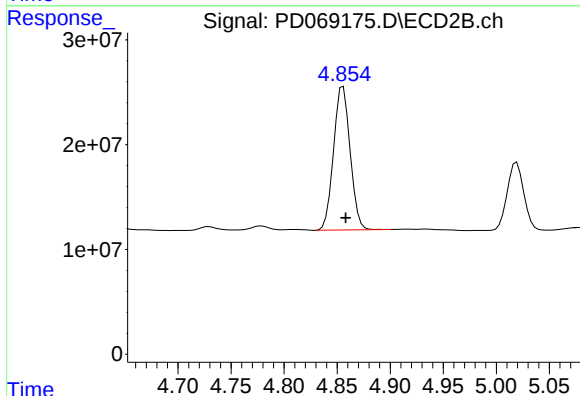
#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 14587576
Conc: 8.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

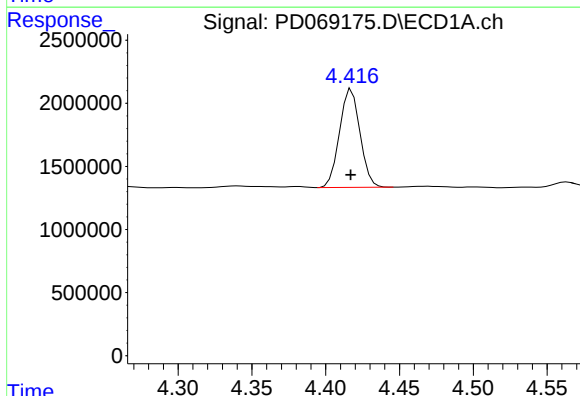
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



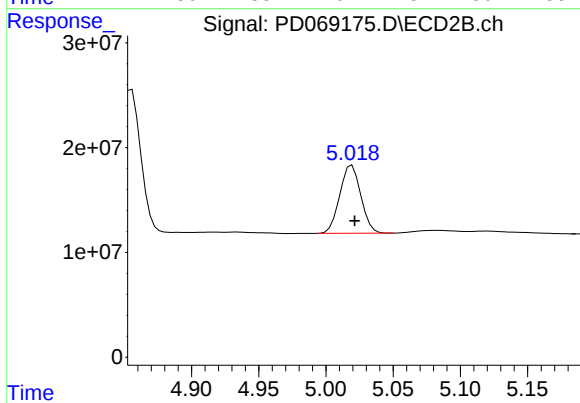
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 149134231
Conc: 10.56 ng/ml



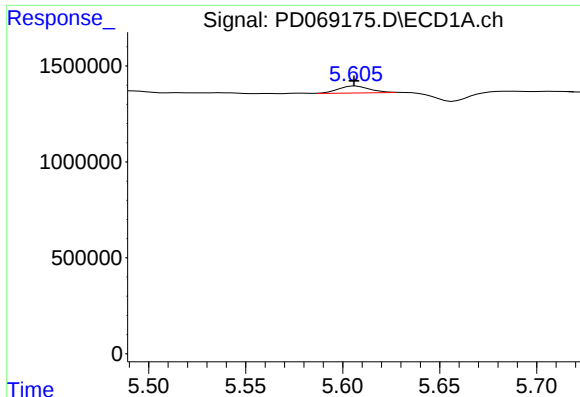
#6 beta-BHC

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 7537490
Conc: 10.84 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: -0.002 min
Response: 70511865
Conc: 11.48 ng/ml



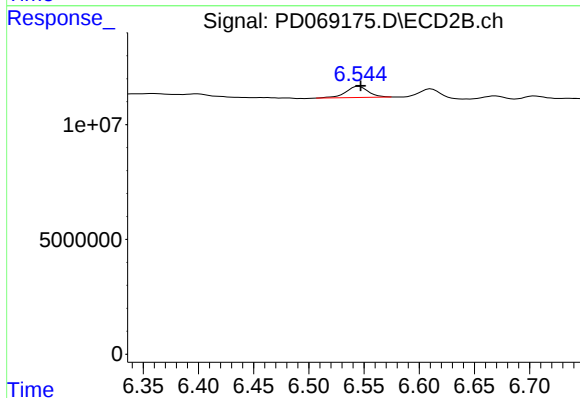
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 417413
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

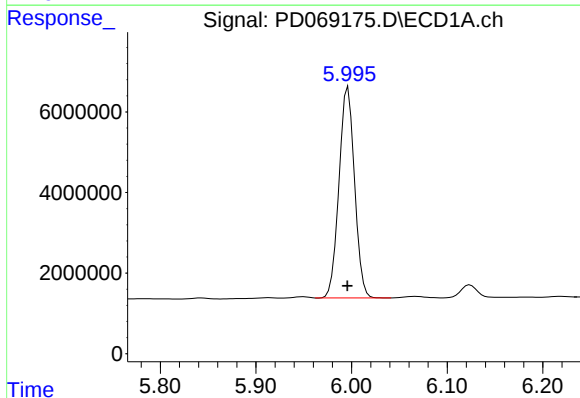
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



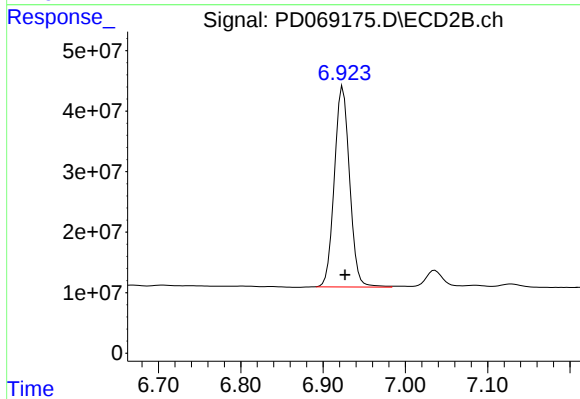
#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 6926551
Conc: 0.64 ng/ml m



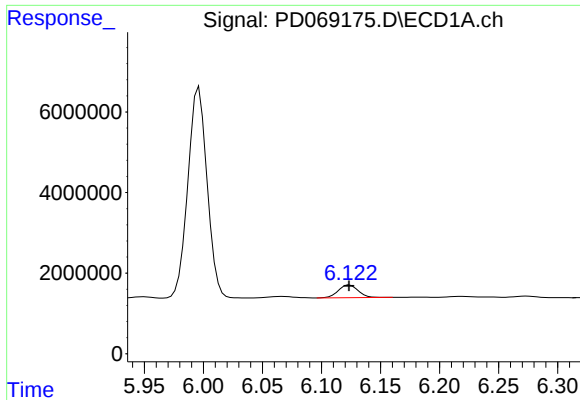
#14 Endrin

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 59049766
Conc: 48.84 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: -0.003 min
Response: 426419043
Conc: 47.01 ng/ml



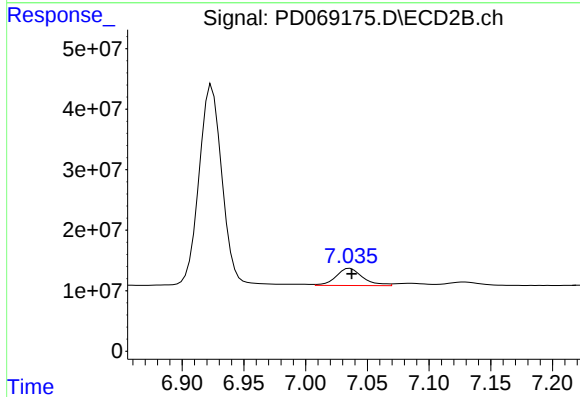
#16 4,4'-DDD

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 3698052
Conc: 3.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

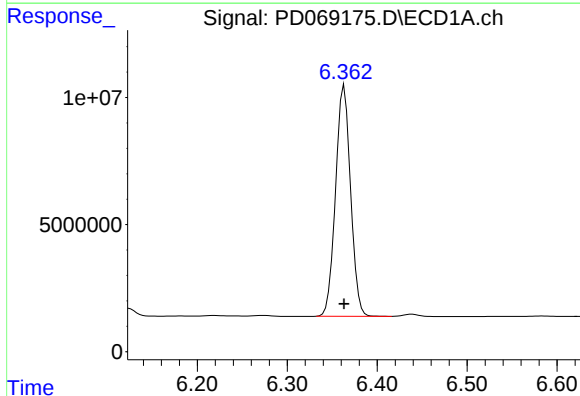
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



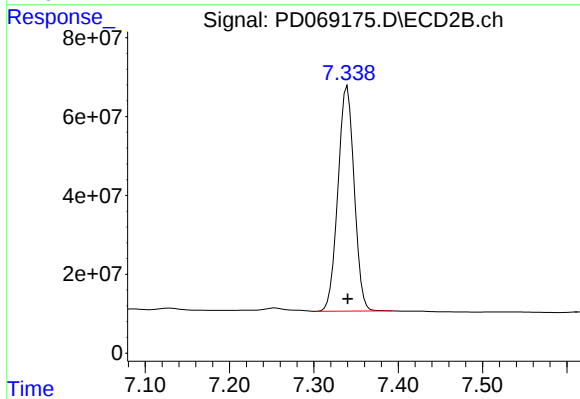
#16 4,4'-DDD

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 42881333
Conc: 4.98 ng/ml



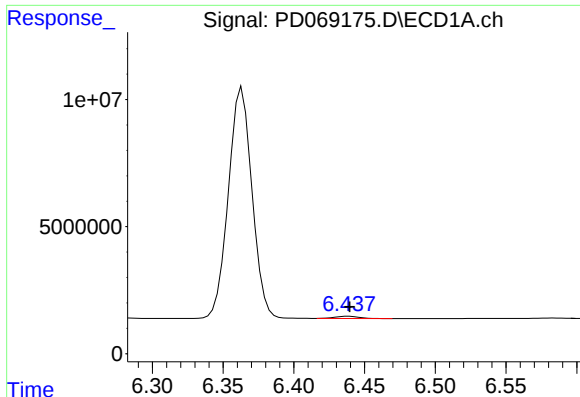
#17 4,4'-DDT

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 105517558
Conc: 98.14 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 762542373
Conc: 87.91 ng/ml



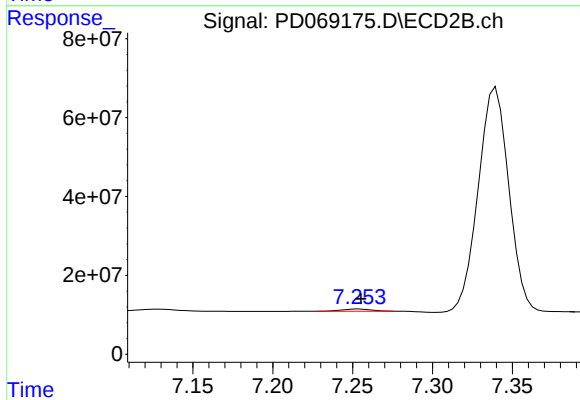
#18 Endrin aldehyde

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 1063526
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

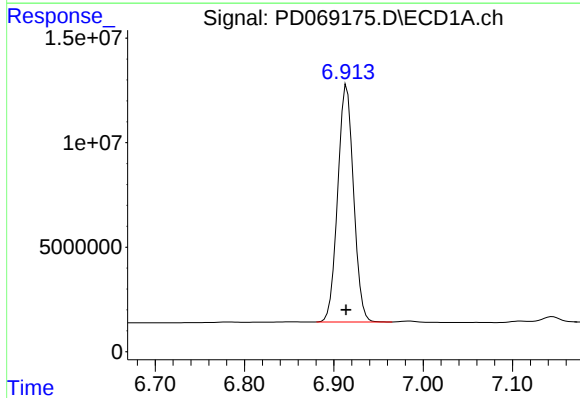
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



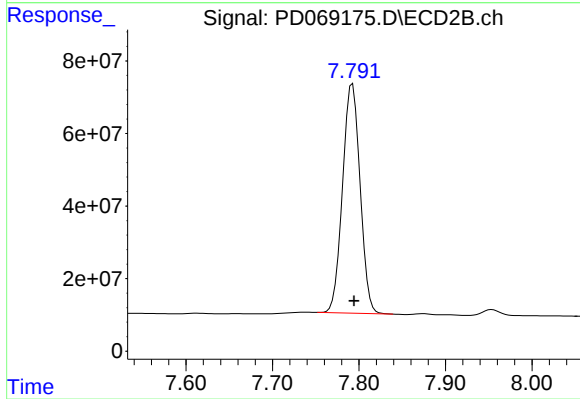
#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: -0.003 min
Response: 6882951
Conc: 1.00 ng/ml m



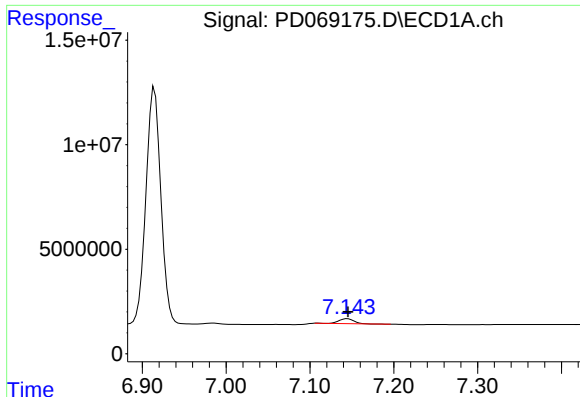
#20 Methoxychlor

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 139327266
Conc: 219.33 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 885689367
Conc: 205.44 ng/ml



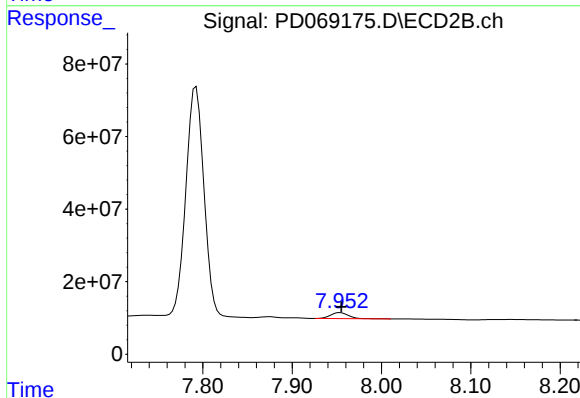
#21 Endrin ketone

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 2854131
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

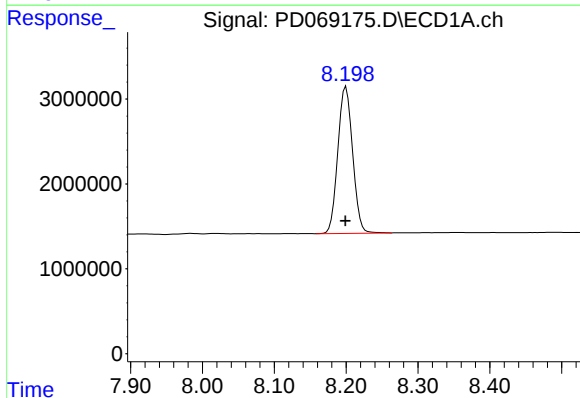
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



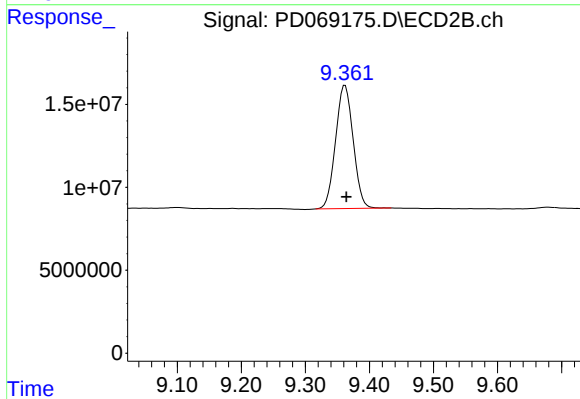
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: -0.001 min
Response: 22521172
Conc: 2.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 24706559
Conc: 19.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: -0.002 min
Response: 141792955
Conc: 21.67 ng/ml