

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 09:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:49:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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...	3.439	3.968	37524905	177.7E6	20.112	21.956
28)	SA Decachlor...	8.166	9.022	23889402	114.9E6	20.676	21.335
Target Compounds							
2)	A alpha-BHC	3.876	4.361	28407098	125.1E6	9.291	11.339
3)	MA gamma-BHC...	4.158	4.646	30662299	110.7E6	10.153	11.112
6)	B beta-BHC	4.406	4.823	13060657	56308560	10.456	12.093
12)	B 4,4'-DDE	5.583	6.302	768916	3050561	0.330m	0.387m
14)	MA Endrin	5.973	6.671	96583413	323.3E6	46.150	46.973
16)	A 4,4'-DDD	6.098	6.798	2299637	10623314	1.227	1.563 #
17)	MA 4,4'-DDT	6.337	7.095	190.5E6	641.0E6	99.054	88.373
18)	B Endrin al...	6.414	7.010	4660374	12116339	3.015	2.130 #
20)	A Methoxychlor	6.885	7.557	220.1E6	776.2E6	213.110	190.527
21)	B Endrin ke...	7.116	7.706	8641475	28415551	3.960	3.379

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
Data File : PD066623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2021 09:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

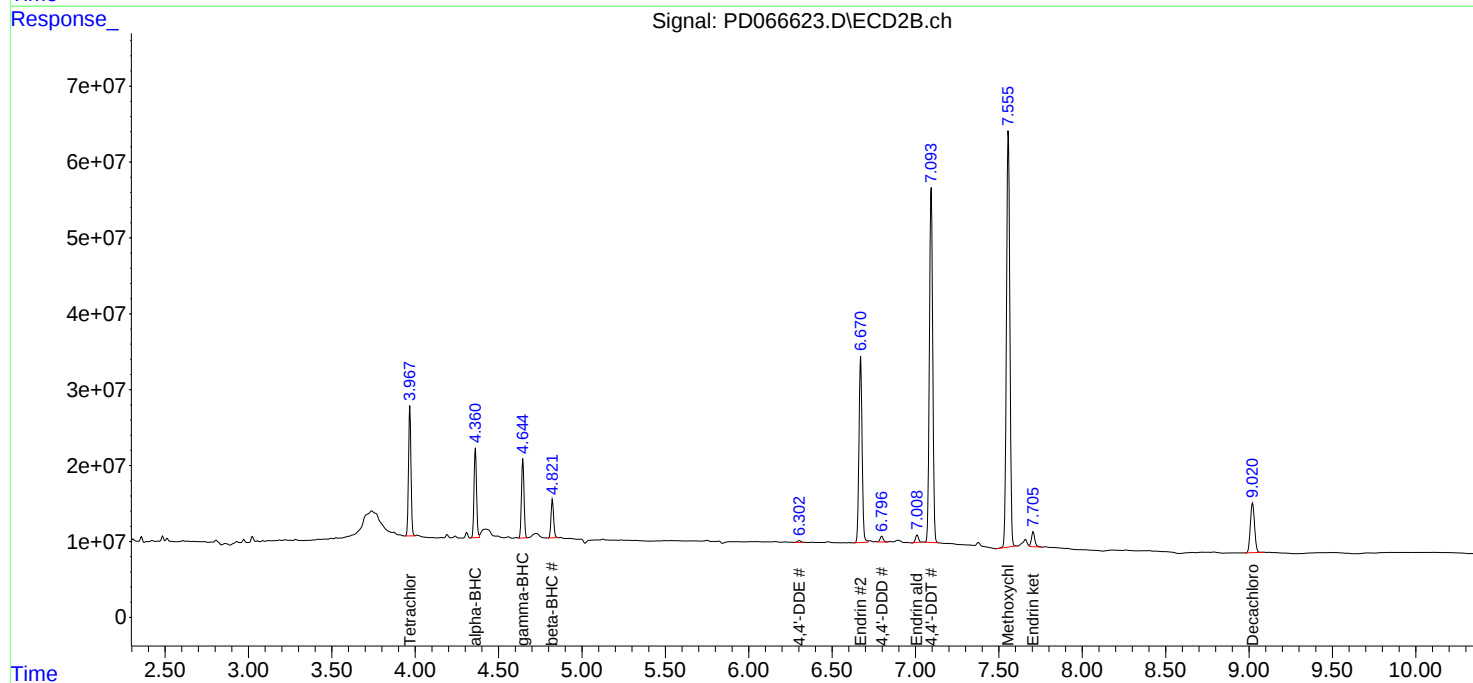
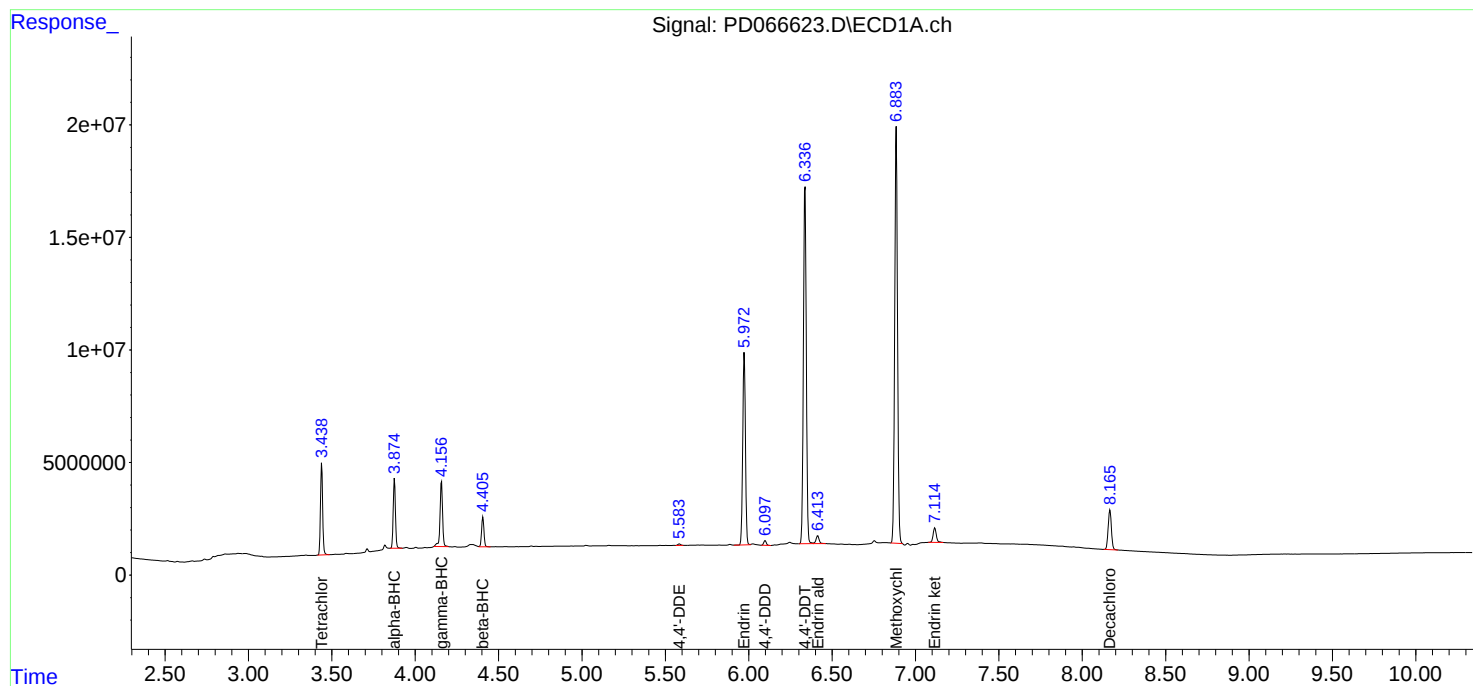
Instrument :
ECD_D
ClientSampleId :
PEM

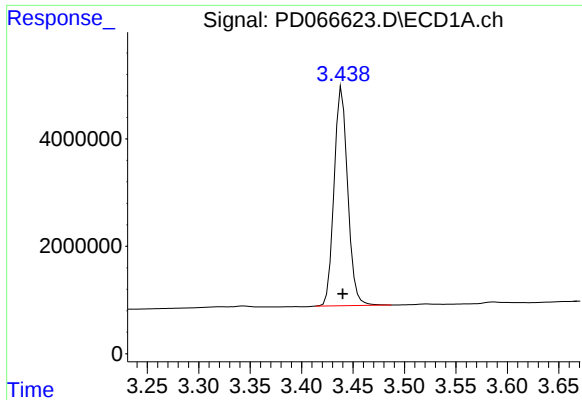
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/01/2021
Supervised By : mohammad ahmed 11/01/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:49:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
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





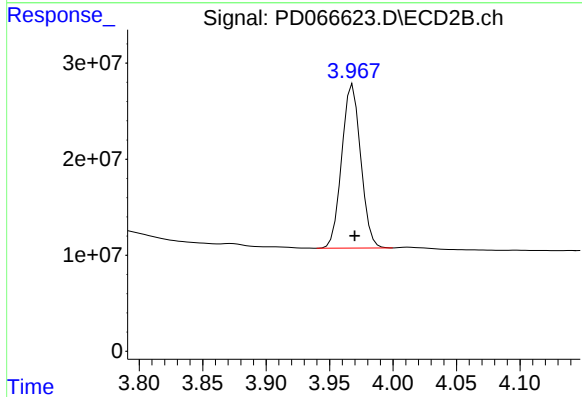
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 37524905
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

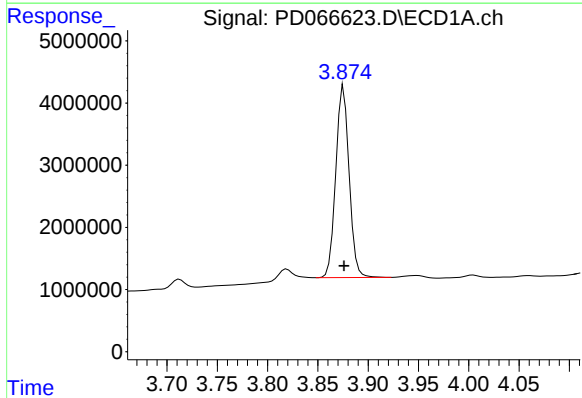
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



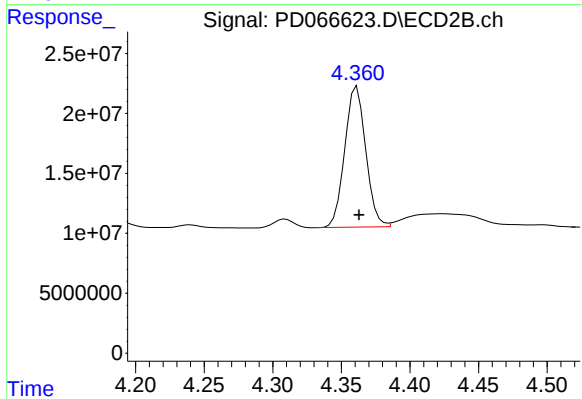
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 177674189
Conc: 21.96 ng/ml



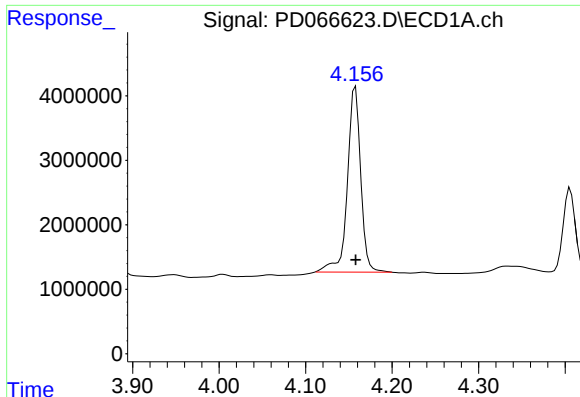
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 28407098
Conc: 9.29 ng/ml



#2 alpha-BHC

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 125099788
Conc: 11.34 ng/ml



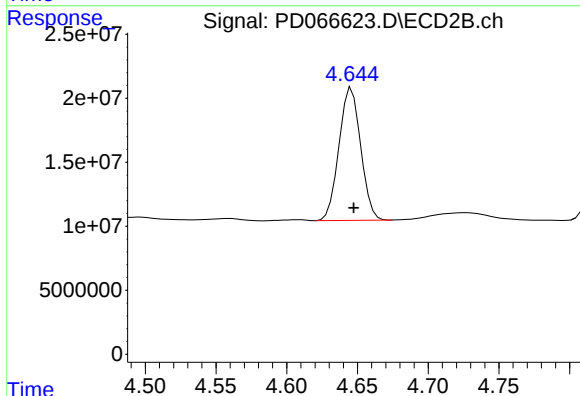
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 30662299
Conc: 10.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

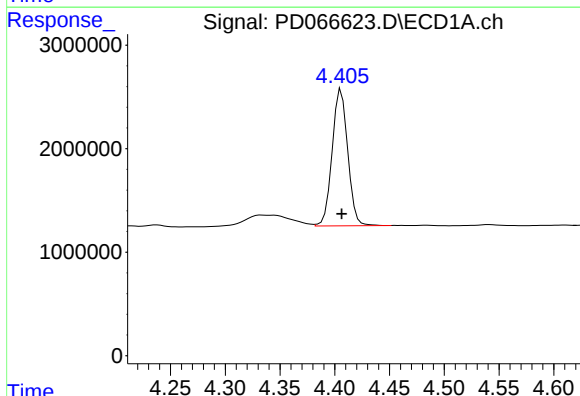
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



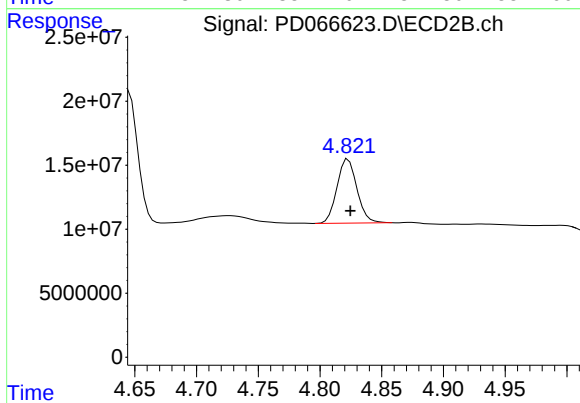
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 110737718
Conc: 11.11 ng/ml



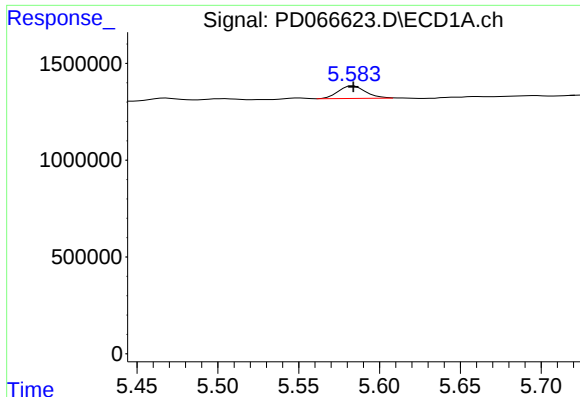
#6 beta-BHC

R.T.: 4.406 min
Delta R.T.: 0.000 min
Response: 13060657
Conc: 10.46 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 56308560
Conc: 12.09 ng/ml



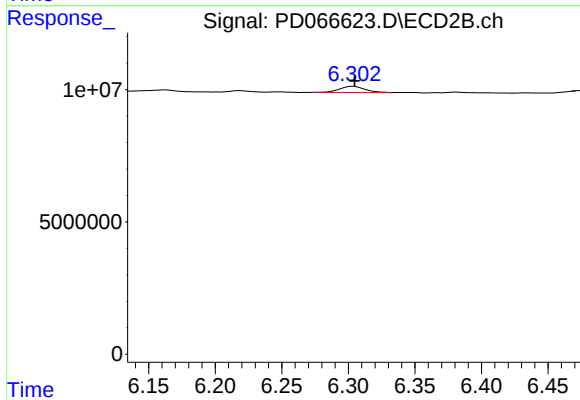
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: -0.001 min
Response: 768916
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

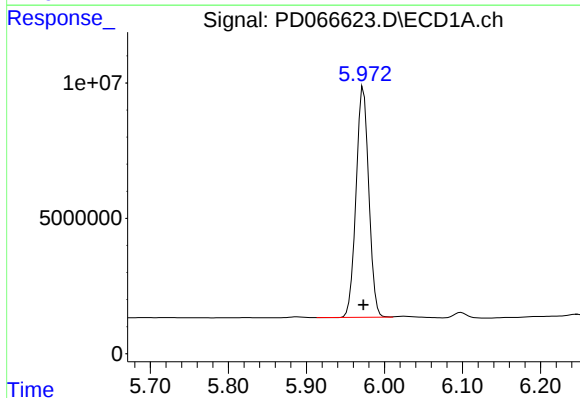
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



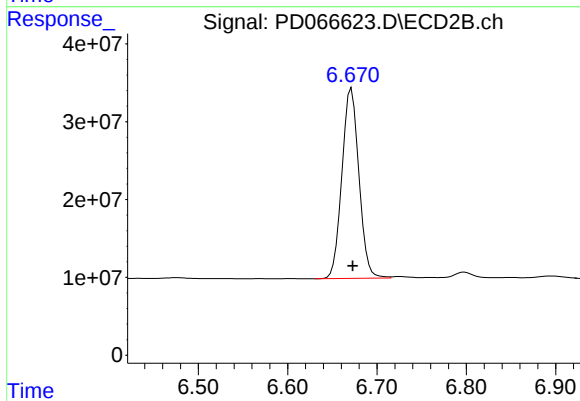
#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 3050561
Conc: 0.39 ng/ml m



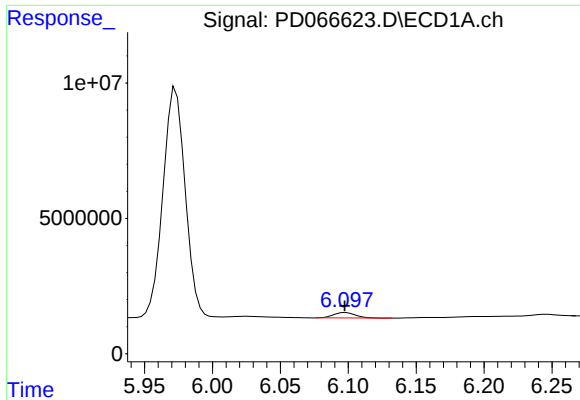
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 96583413
Conc: 46.15 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 323294880
Conc: 46.97 ng/ml



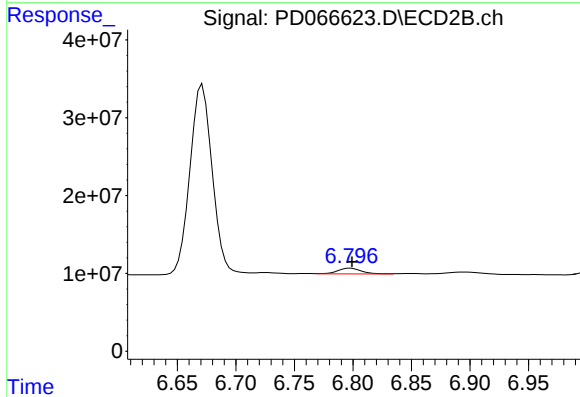
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 2299637
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

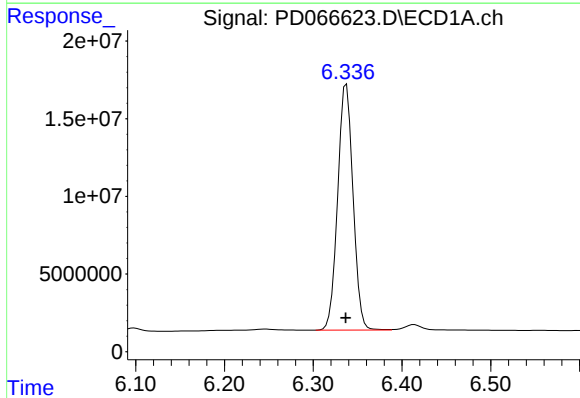
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



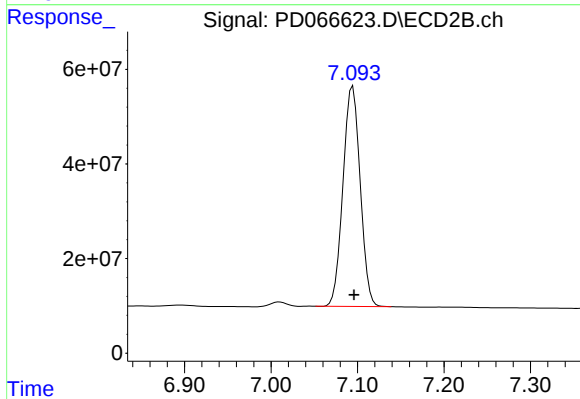
#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 10623314
Conc: 1.56 ng/ml



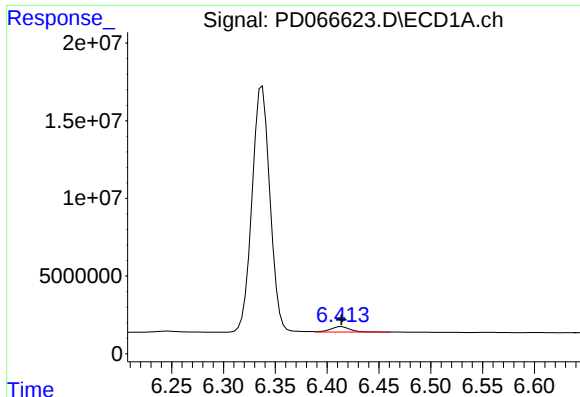
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 190527645
Conc: 99.05 ng/ml



#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 640972640
Conc: 88.37 ng/ml



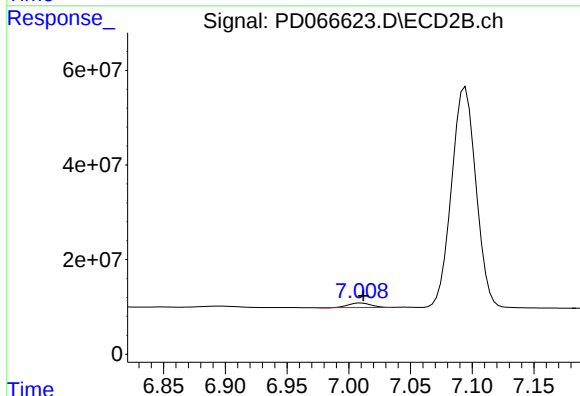
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 4660374
Conc: 3.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

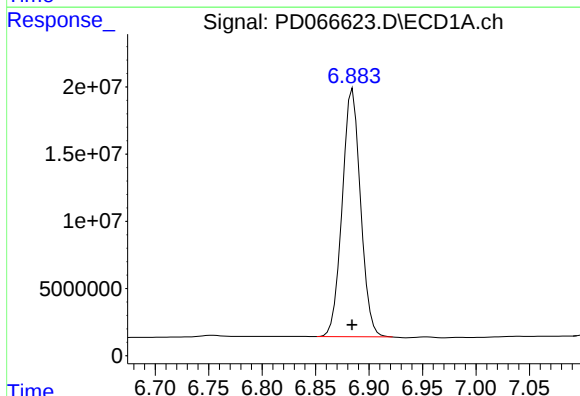
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



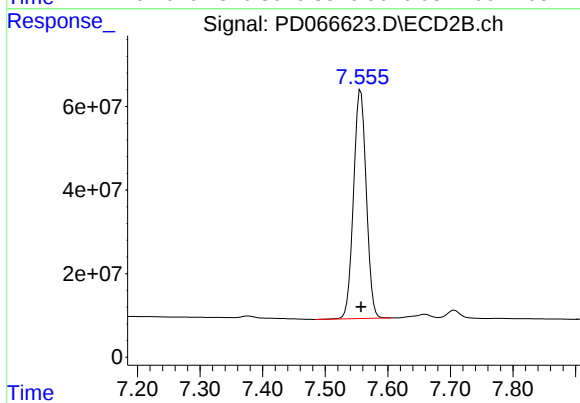
#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 12116339
Conc: 2.13 ng/ml



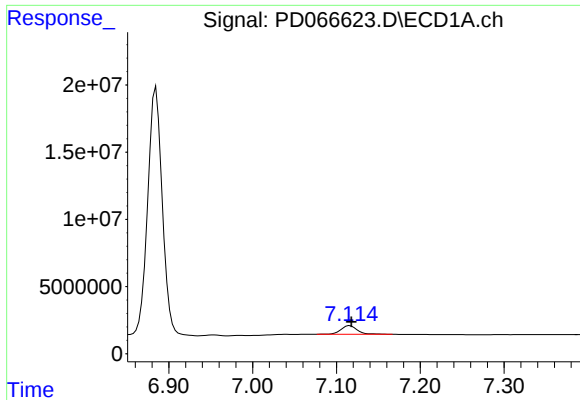
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 220077176
Conc: 213.11 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 776164670
Conc: 190.53 ng/ml



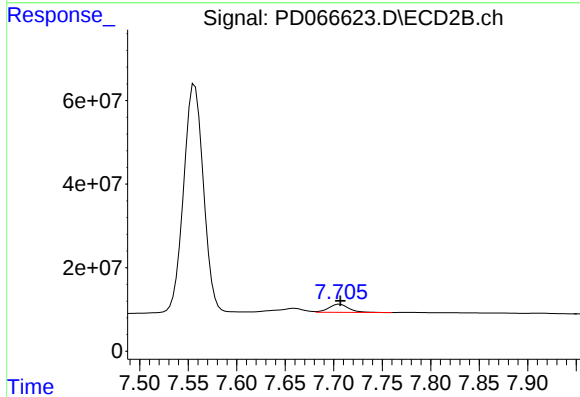
#21 Endrin ketone

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 8641475
Conc: 3.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

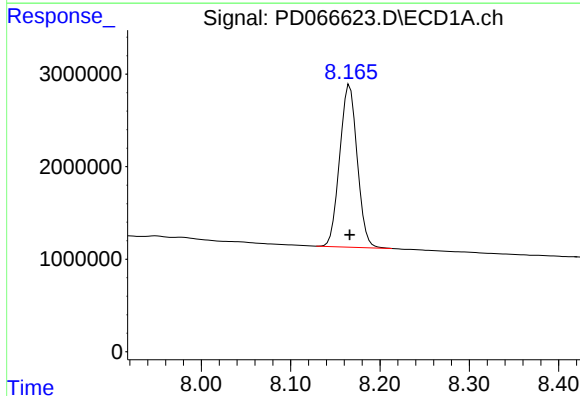
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



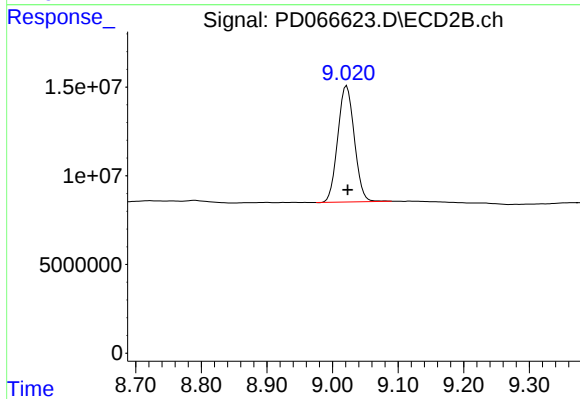
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 28415551
Conc: 3.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 23889402
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: -0.001 min
Response: 114918533
Conc: 21.33 ng/ml