

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 19:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:50:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.446	4.172	25250260	226.7E6	20.796	23.707
28)	SA Decachlor...	8.205	9.368	27545647	139.6E6	21.803	24.638
Target Compounds							
2)	A alpha-BHC	3.885	4.568	17872291	163.8E6	9.871	11.900
3)	MA gamma-BHC...	4.168	4.859	17234110	151.2E6	10.321	12.090
6)	B beta-BHC	4.419	5.022	8703281	71933157	11.689	13.103
12)	B 4,4'-DDE	5.608	6.549	655870	6997968	0.479m	0.755 #
14)	MA Endrin	5.999	6.927	67097188	374.6E6	50.935	48.409
16)	A 4,4'-DDD	6.127	7.039	5205840	43182878	4.415	5.847 #
17)	MA 4,4'-DDT	6.367	7.343	118.7E6	721.3E6	98.757	98.183
18)	B Endrin al...	6.442	7.257	2033877	14278434	2.049	2.359
20)	A Methoxychlor	6.917	7.795	155.2E6	833.0E6	223.924	228.522
21)	B Endrin ke...	7.147	7.957	4596934	28648717	3.123	3.697

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
Data File : PD068865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2022 19:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

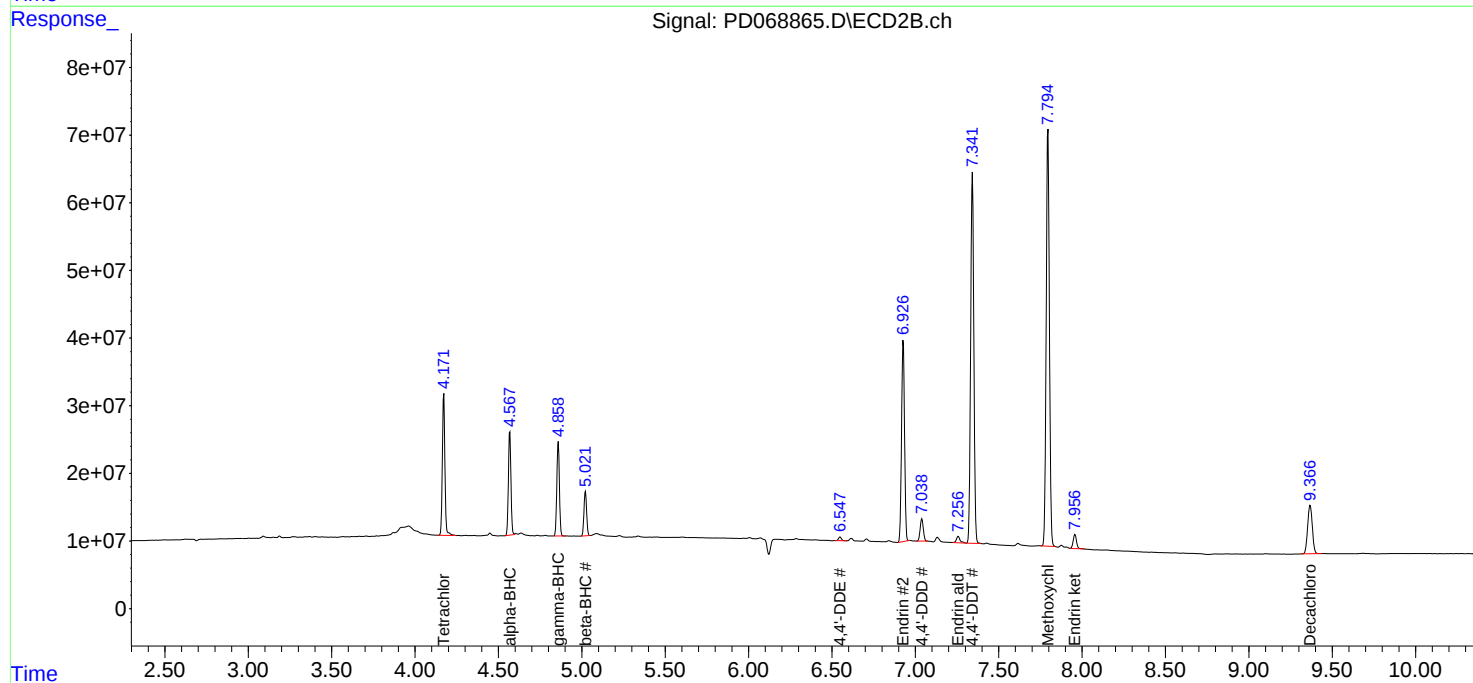
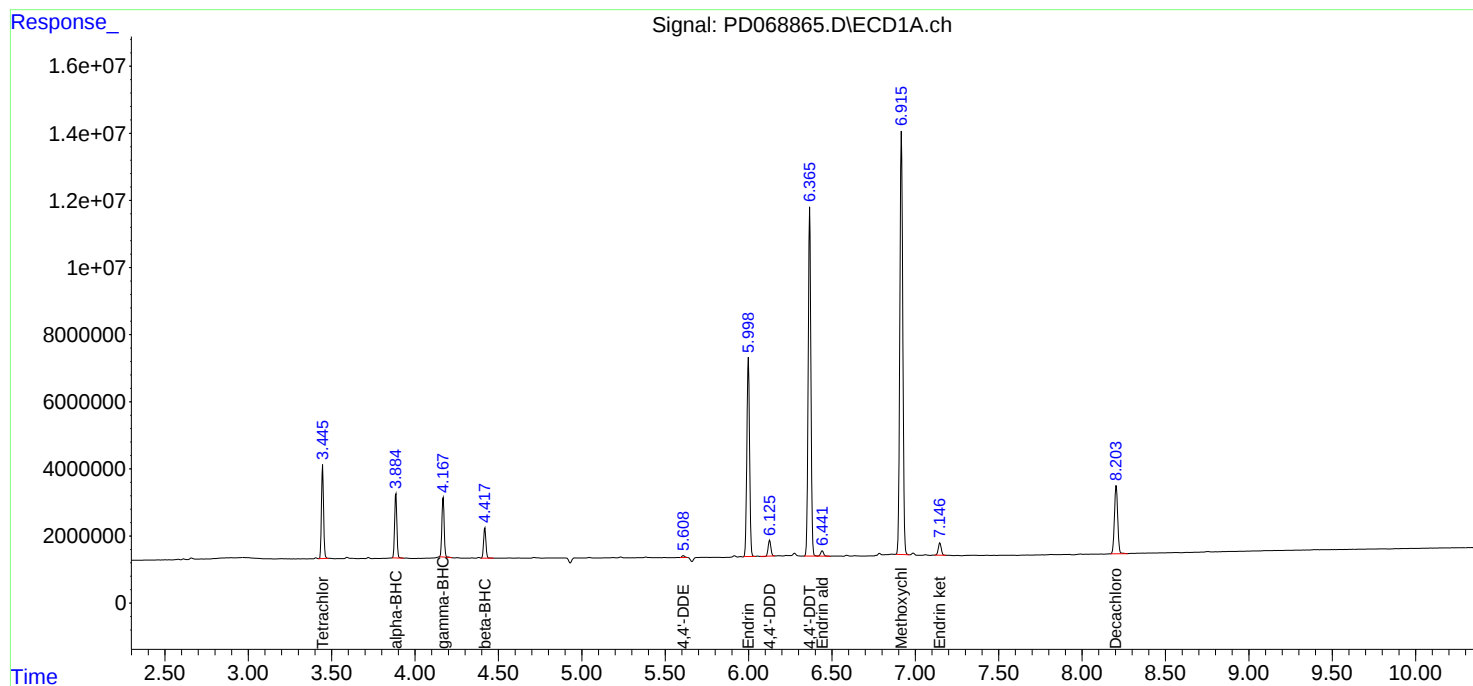
Instrument :
ECD_D
ClientSampleId :
PEM

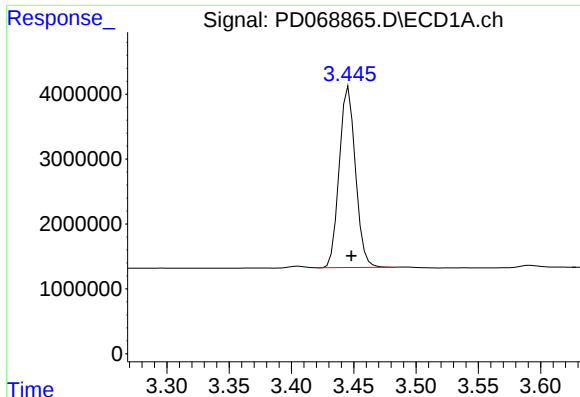
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/31/2022
Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 02:50:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 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





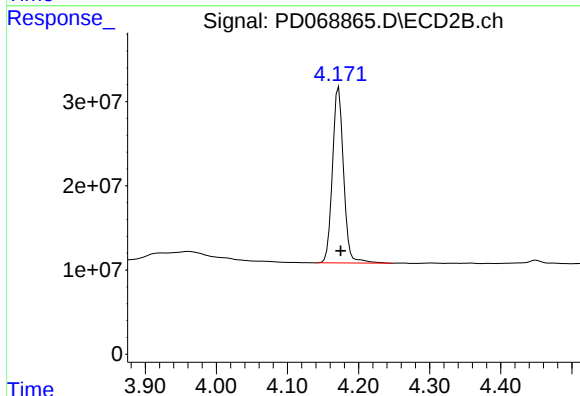
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 25250260
Conc: 20.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

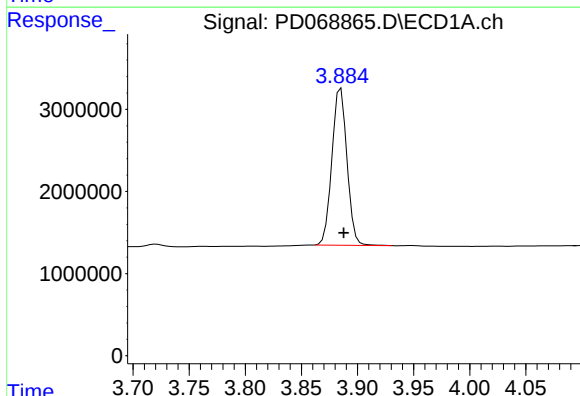
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



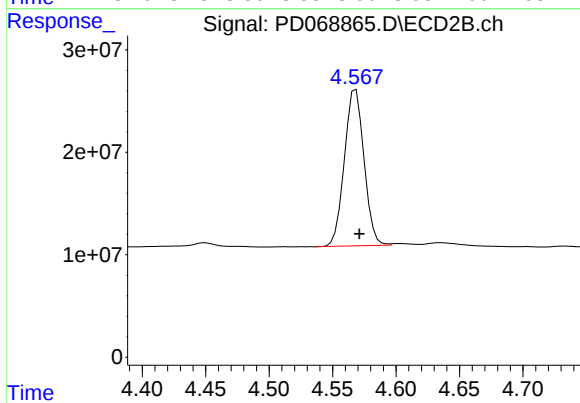
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 226657791
Conc: 23.71 ng/ml



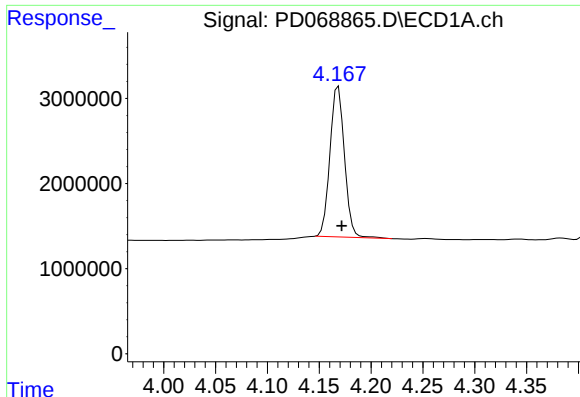
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 17872291
Conc: 9.87 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 163775329
Conc: 11.90 ng/ml



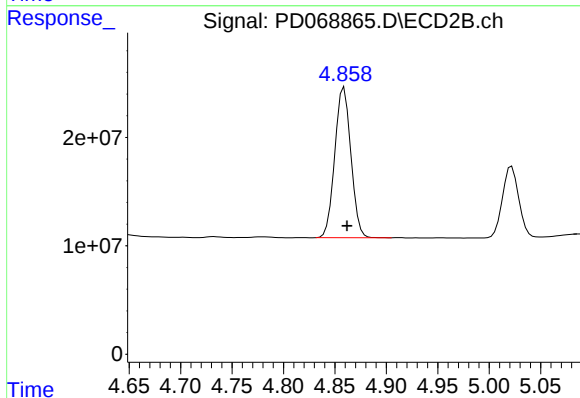
#3 gamma-BHC (Lindane)

R.T.: 4.168 min
Delta R.T.: -0.003 min
Response: 17234110
Conc: 10.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

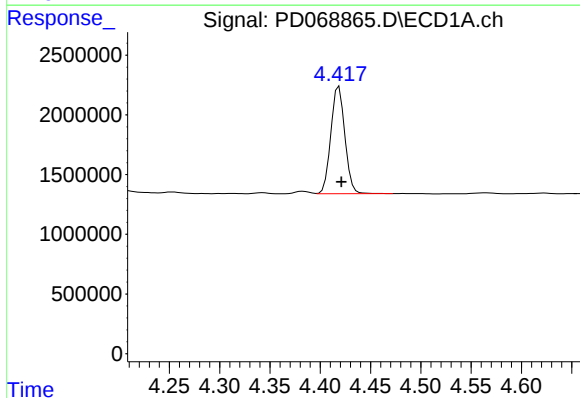
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



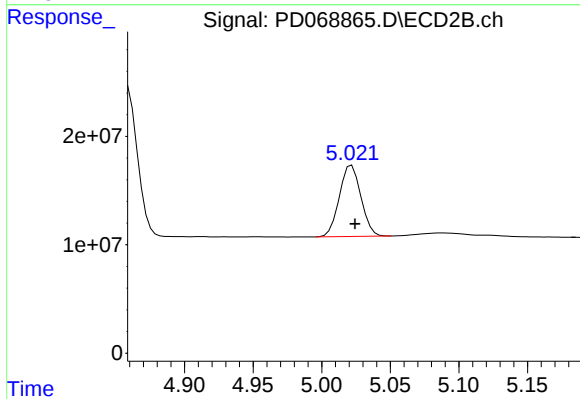
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 151165430
Conc: 12.09 ng/ml



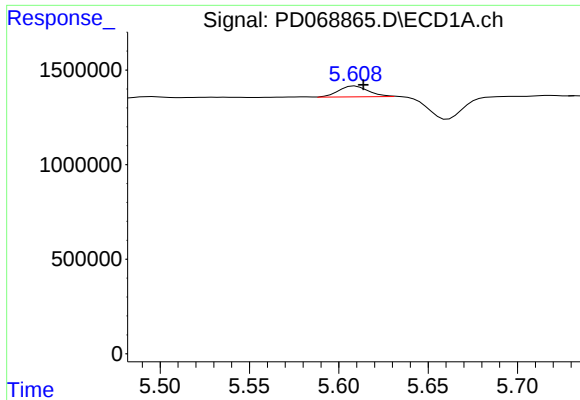
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 8703281
Conc: 11.69 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 71933157
Conc: 13.10 ng/ml



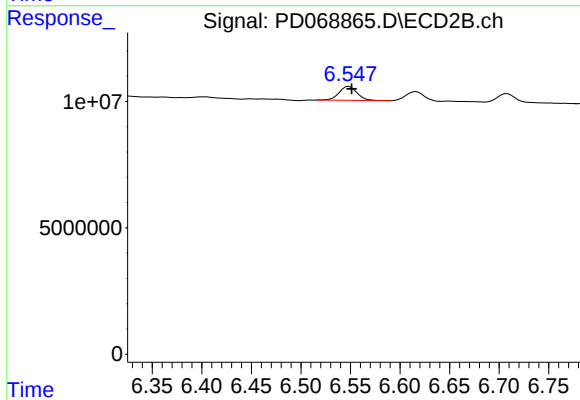
#12 4,4'-DDE

R.T.: 5.608 min
Delta R.T.: -0.006 min
Response: 655870
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

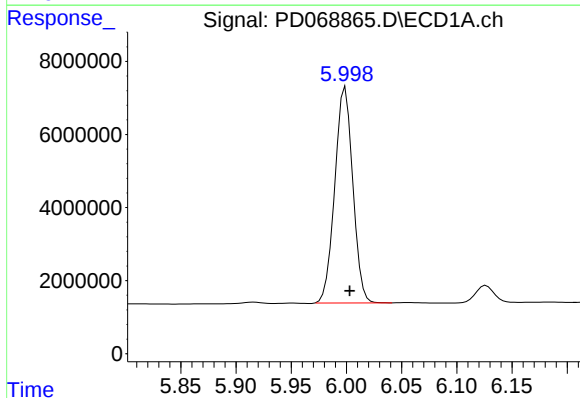
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



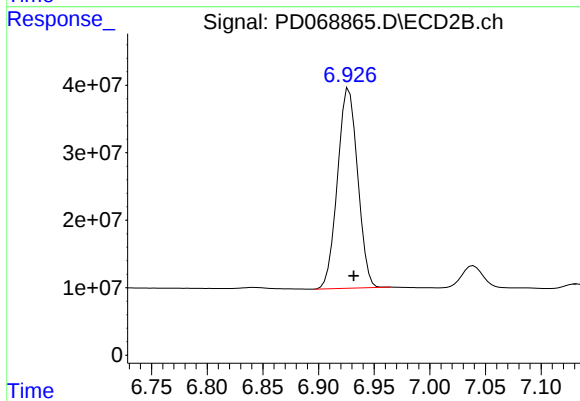
#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 6997968
Conc: 0.76 ng/ml



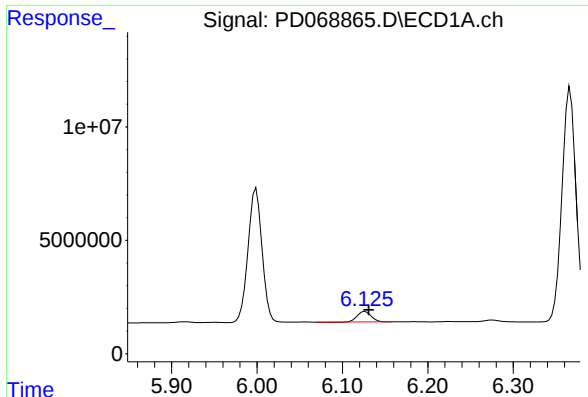
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 67097188
Conc: 50.93 ng/ml



#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 374565084
Conc: 48.41 ng/ml



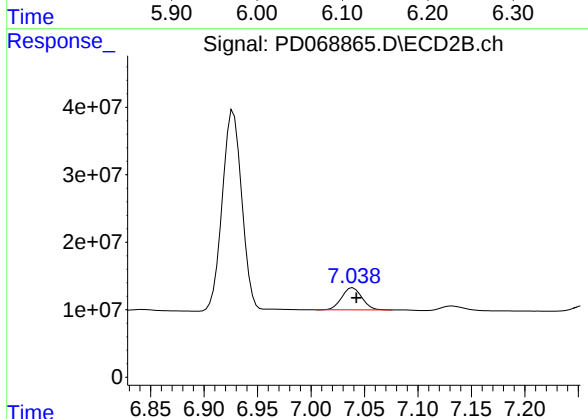
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 5205840
Conc: 4.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

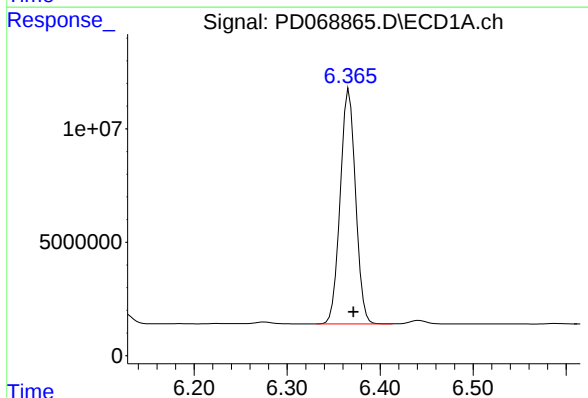
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



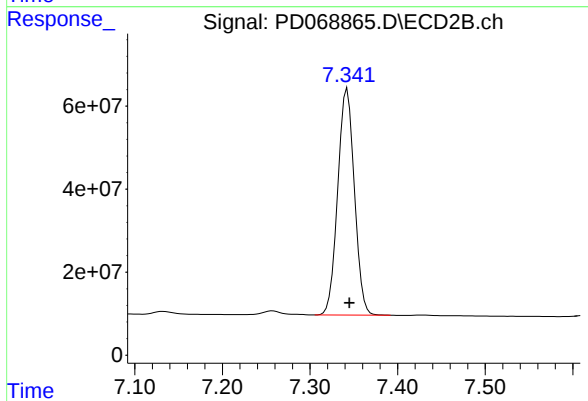
#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 43182878
Conc: 5.85 ng/ml



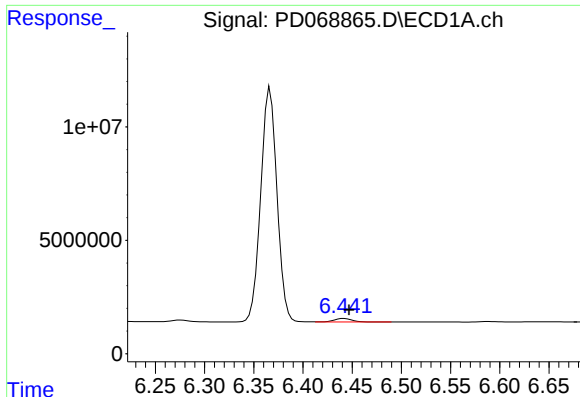
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 118703140
Conc: 98.76 ng/ml



#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: -0.002 min
Response: 721328170
Conc: 98.18 ng/ml



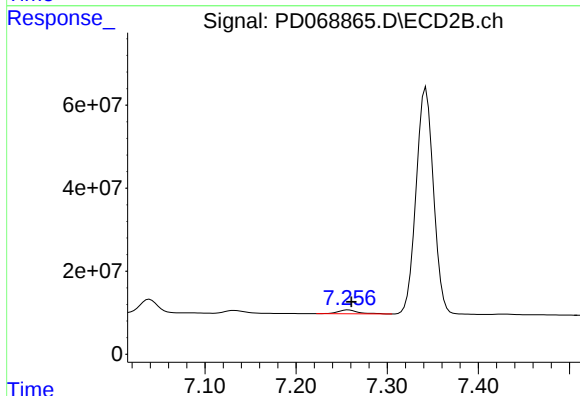
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: -0.005 min
Response: 2033877
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

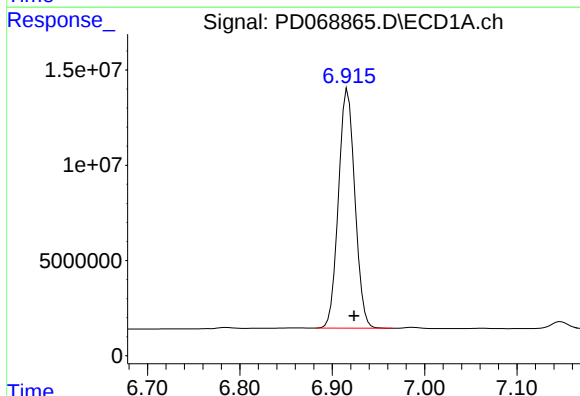
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



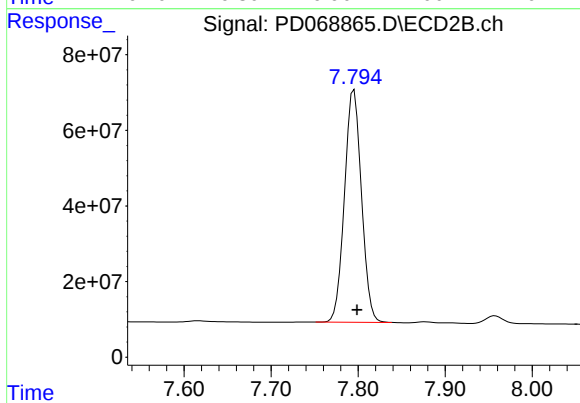
#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.004 min
Response: 14278434
Conc: 2.36 ng/ml



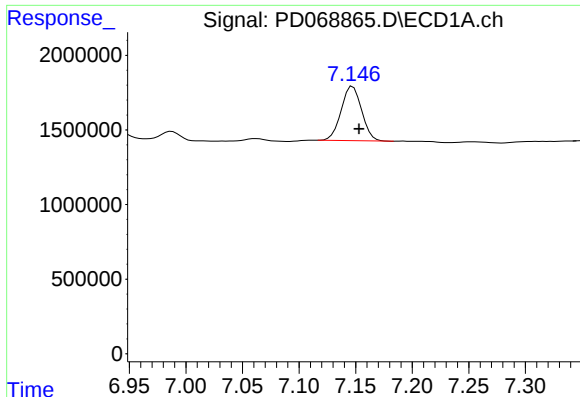
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 155185154
Conc: 223.92 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 833027302
Conc: 228.52 ng/ml



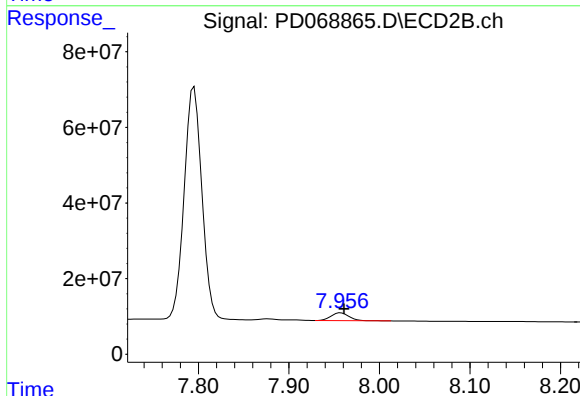
#21 Endrin ketone

R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 4596934
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

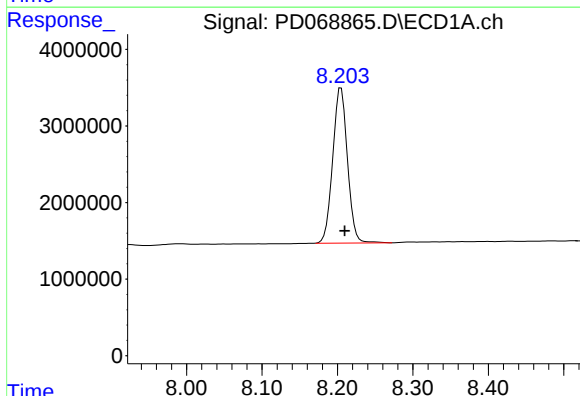
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



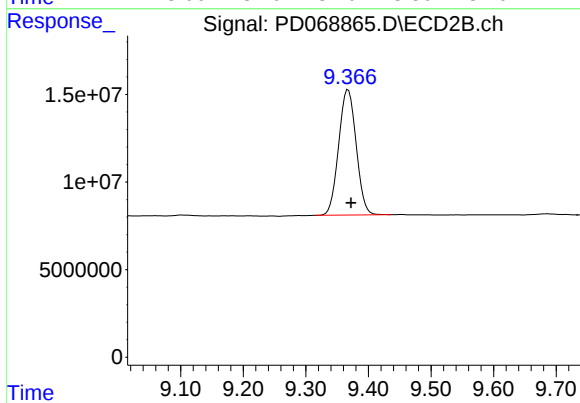
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 28648717
Conc: 3.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 27545647
Conc: 21.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.005 min
Response: 139617439
Conc: 24.64 ng/ml