

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121721\
 Data File : PL071506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2021 09:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2021
 Supervised By : mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:13:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.564	5.501	10538897	27551619	22.234	23.127
28)	SA Decachlor...	10.326	11.394	16210504	26129073	24.399	24.049
Target Compounds							
2)	A alpha-BHC	5.270	6.082	6742636	18633911	10.602	10.836
3)	MA gamma-BHC...	5.693	6.478	6369801	17276587	9.748	10.824
6)	B beta-BHC	6.076	6.736	3884272	9744419	13.603	12.174
12)	B 4,4'-DDE	7.562	8.500	116223	354223	0.213m	0.297 #
14)	MA Endrin	7.981	8.894	31501310	62228216	57.514	61.423
16)	A 4,4'-DDD	8.150	9.040	509147	1227967	1.082	1.391m#
17)	MA 4,4'-DDT	8.409	9.358	62328977	125.4E6	122.132	126.855
18)	B Endrin al...	8.485	9.269	219535	386040	0.516	0.512
20)	A Methoxychlor	9.005	9.846	86656000	155.2E6	267.541	309.102
21)	B Endrin ke...	9.230	9.997	898796	1167806	1.363	1.111m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121721\
Data File : PL071506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2021 09:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

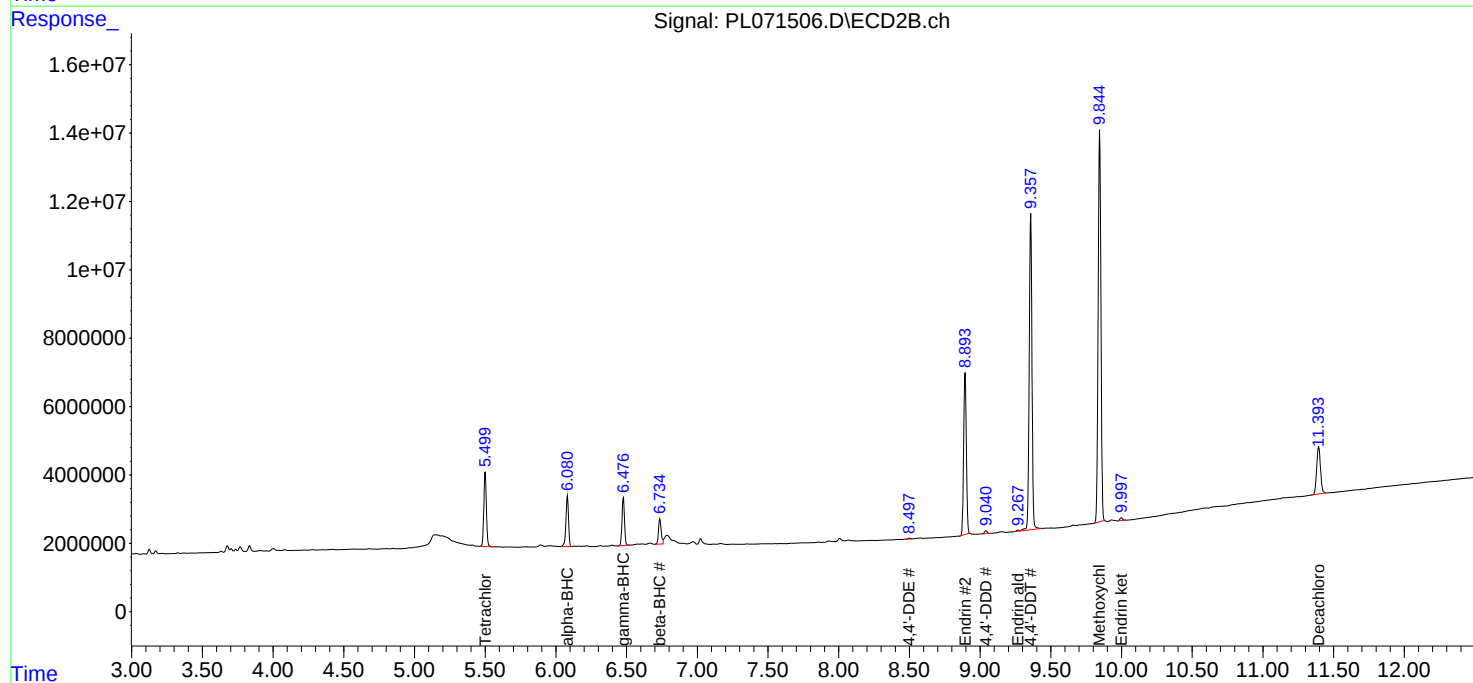
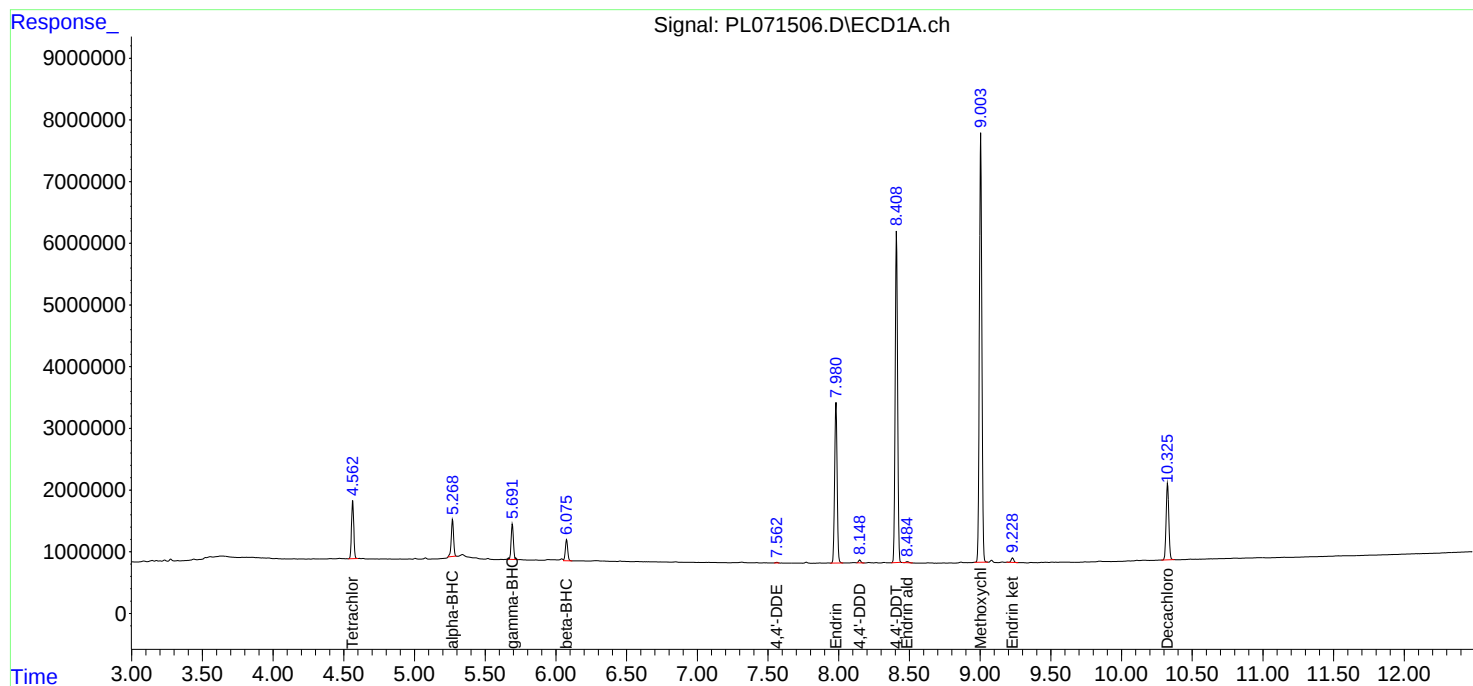
Instrument :
ECD_L
ClientSampleId :
PEM

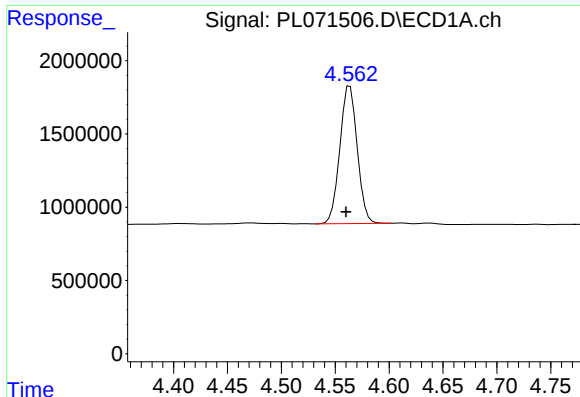
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 23:13:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





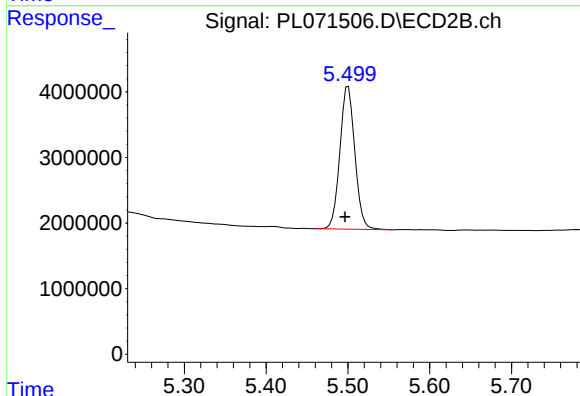
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: 0.004 min
Response: 10538897
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

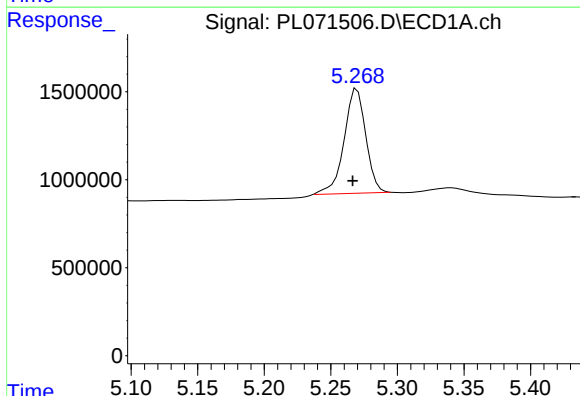
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



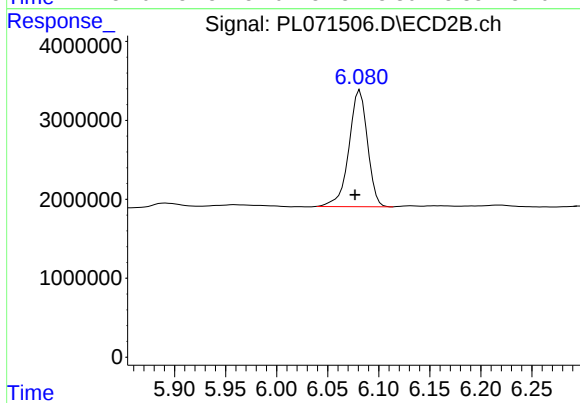
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.004 min
Response: 27551619
Conc: 23.13 ng/ml



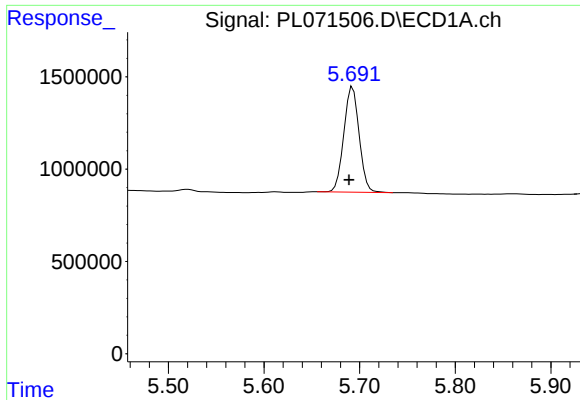
#2 alpha-BHC

R.T.: 5.270 min
Delta R.T.: 0.003 min
Response: 6742636
Conc: 10.60 ng/ml



#2 alpha-BHC

R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 18633911
Conc: 10.84 ng/ml



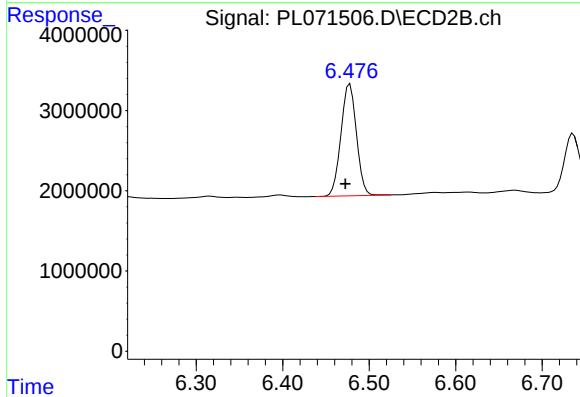
#3 gamma-BHC (Lindane)

R.T.: 5.693 min
Delta R.T.: 0.004 min
Response: 6369801
Conc: 9.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

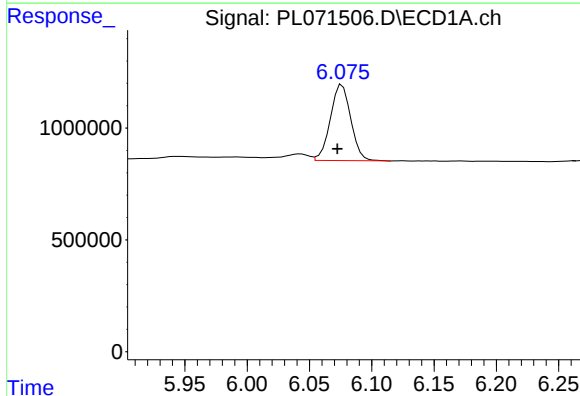
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



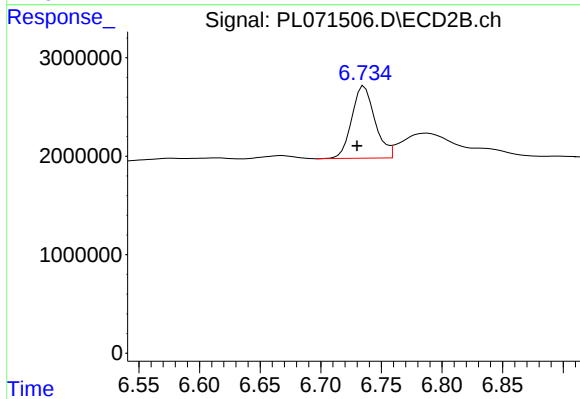
#3 gamma-BHC (Lindane)

R.T.: 6.478 min
Delta R.T.: 0.005 min
Response: 17276587
Conc: 10.82 ng/ml



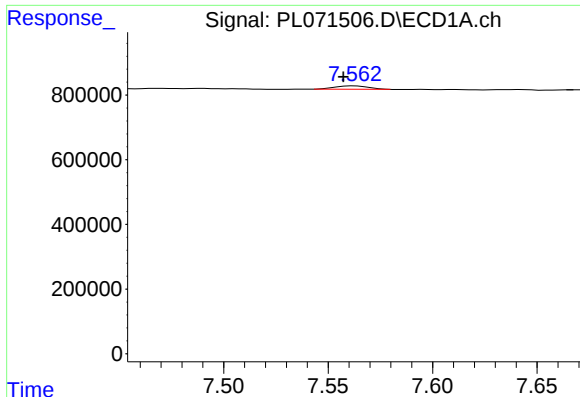
#6 beta-BHC

R.T.: 6.076 min
Delta R.T.: 0.004 min
Response: 3884272
Conc: 13.60 ng/ml



#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.006 min
Response: 9744419
Conc: 12.17 ng/ml



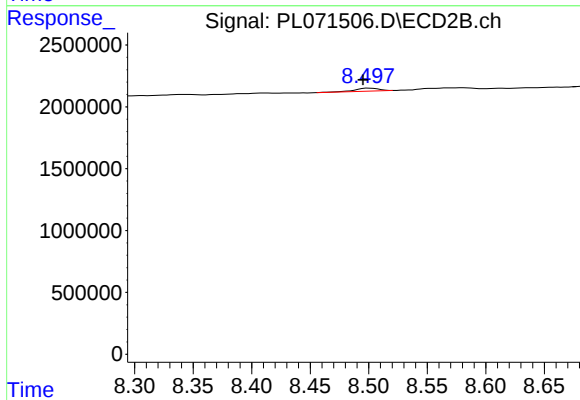
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: 0.004 min
Response: 116223
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

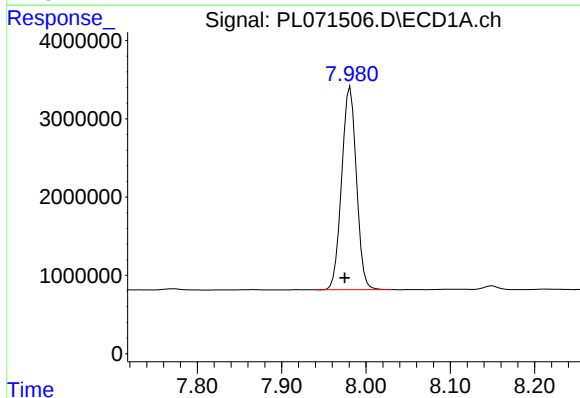
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



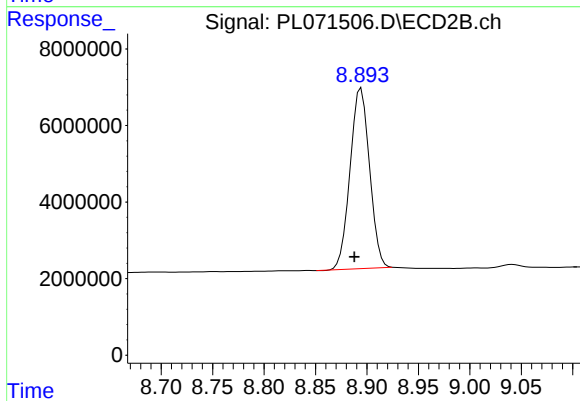
#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 354223
Conc: 0.30 ng/ml



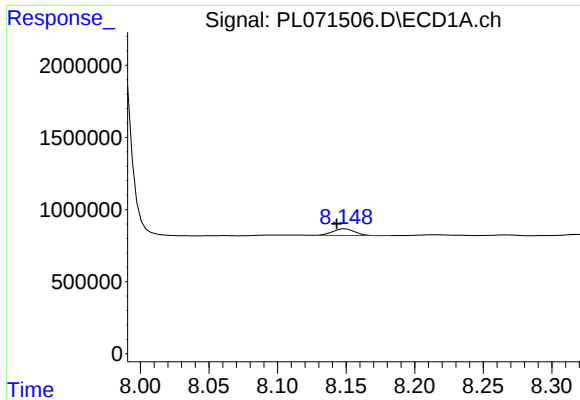
#14 Endrin

R.T.: 7.981 min
Delta R.T.: 0.007 min
Response: 31501310
Conc: 57.51 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 62228216
Conc: 61.42 ng/ml



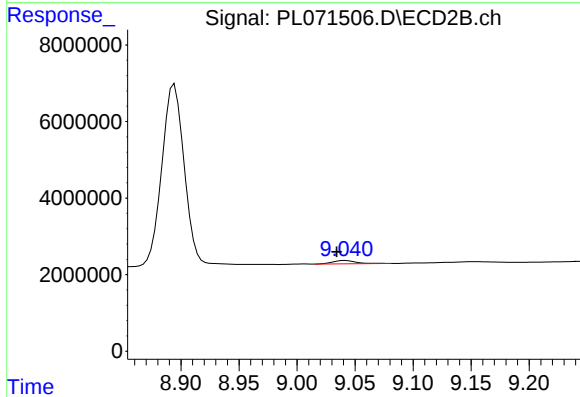
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: 0.007 min
Response: 509147
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

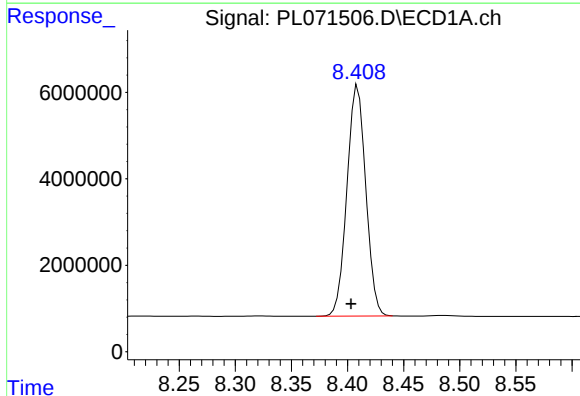
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



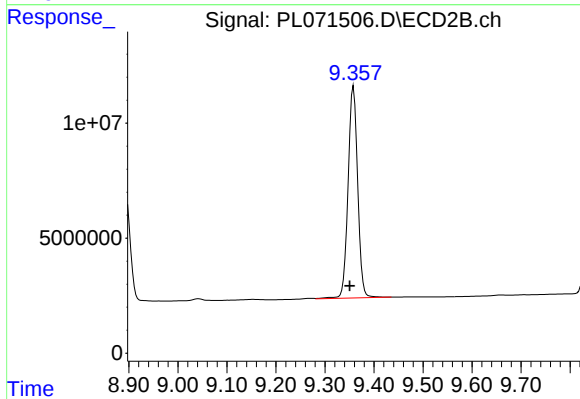
#16 4,4'-DDD

R.T.: 9.040 min
Delta R.T.: 0.006 min
Response: 1227967
Conc: 1.39 ng/ml m



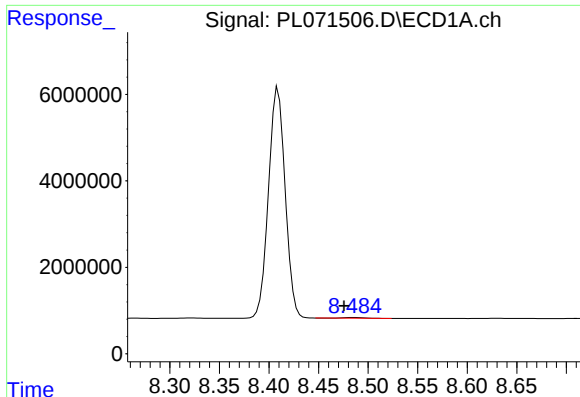
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: 0.006 min
Response: 62328977
Conc: 122.13 ng/ml



#17 4,4'-DDT

R.T.: 9.358 min
Delta R.T.: 0.007 min
Response: 125440735
Conc: 126.85 ng/ml



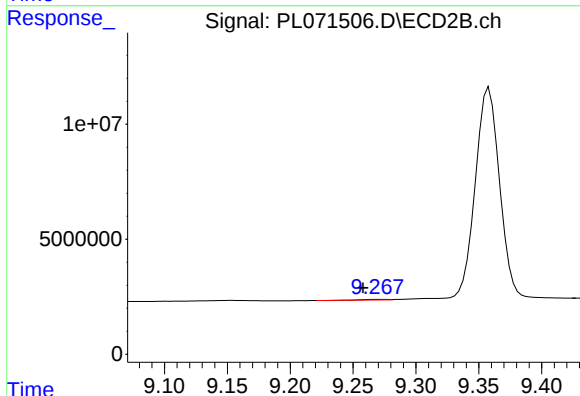
#18 Endrin aldehyde

R.T.: 8.485 min
Delta R.T.: 0.009 min
Response: 219535
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

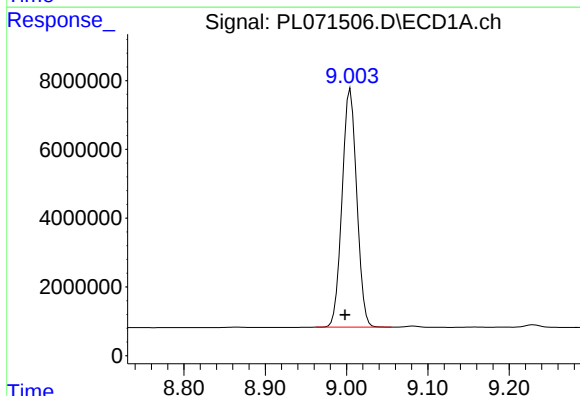
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



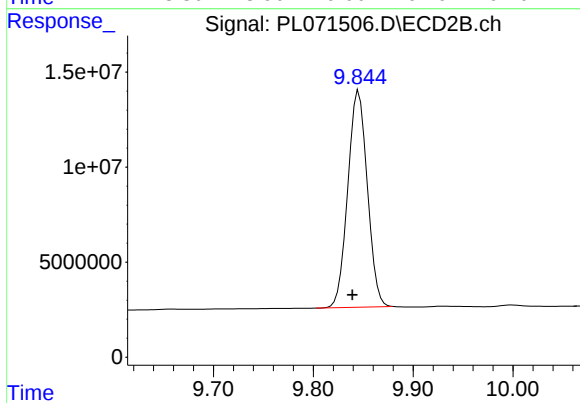
#18 Endrin aldehyde

R.T.: 9.269 min
Delta R.T.: 0.011 min
Response: 386040
Conc: 0.51 ng/ml



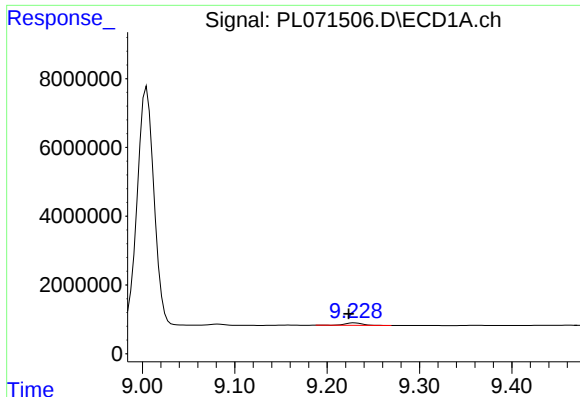
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: 0.006 min
Response: 86656000
Conc: 267.54 ng/ml



#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.006 min
Response: 155160444
Conc: 309.10 ng/ml



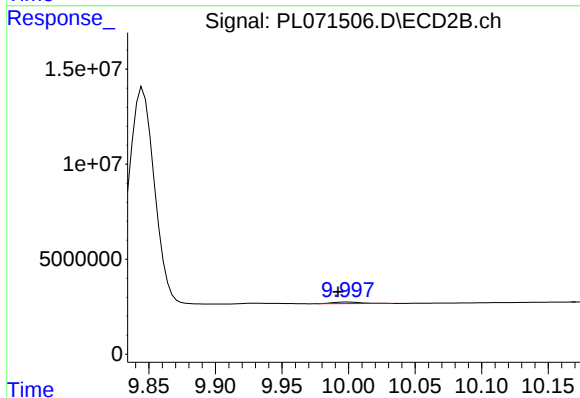
#21 Endrin ketone

R.T.: 9.230 min
Delta R.T.: 0.006 min
Response: 898796
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

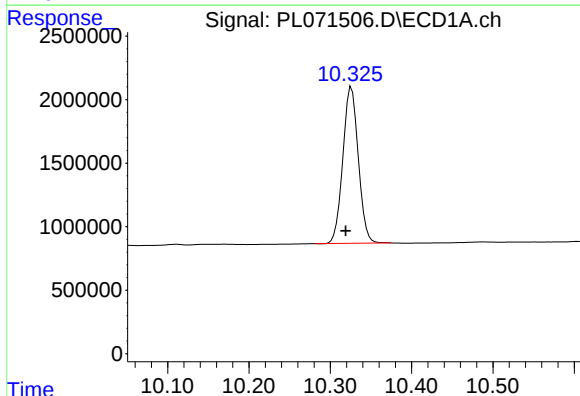
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



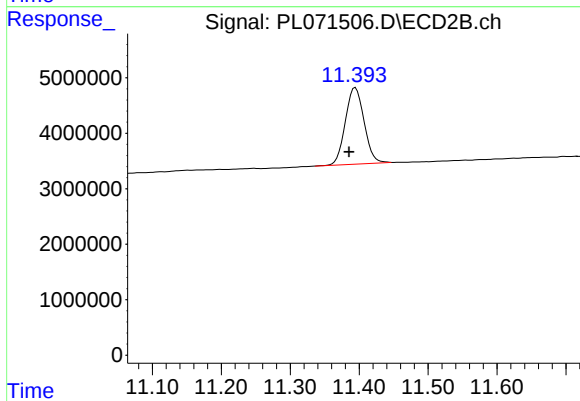
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.005 min
Response: 1167806
Conc: 1.11 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: 0.007 min
Response: 16210504
Conc: 24.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.394 min
Delta R.T.: 0.009 min
Response: 26129073
Conc: 24.05 ng/ml