

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
 Data File : PL071013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2021 10:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/18/2021
 Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:47:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.567	5.501	9825603	24669086	20.060	19.565
28)	SA Decachlor...	10.327	11.390	13579879	24881194	19.874	18.605
Target Compounds							
2)	A alpha-BHC	5.272	6.081	5723588	16783017	8.550	9.117
3)	MA gamma-BHC...	5.695	6.476	5852331	15738481	8.725	9.076
6)	B beta-BHC	6.077	6.733	3434464	8858770	10.573	10.339
12)	B 4,4'-DDE	7.564	8.498	113814	317471	0.195m	0.215m
14)	MA Endrin	7.982	8.892	27283703	57775695	48.122	49.880
16)	A 4,4'-DDD	8.149	9.038	1455439	3074745	2.864m	2.555
17)	MA 4,4'-DDT	8.411	9.355	52123688	112.0E6	94.775	88.788
18)	B Endrin al...	8.484	9.261	377925	543532	0.832	0.562m#
20)	A Methoxychlor	9.005	9.841	72275090	141.0E6	197.559m	208.359
21)	B Endrin ke...	9.229	9.994	1599153	1851311	2.236	1.290 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
Data File : PL071013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2021 10:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

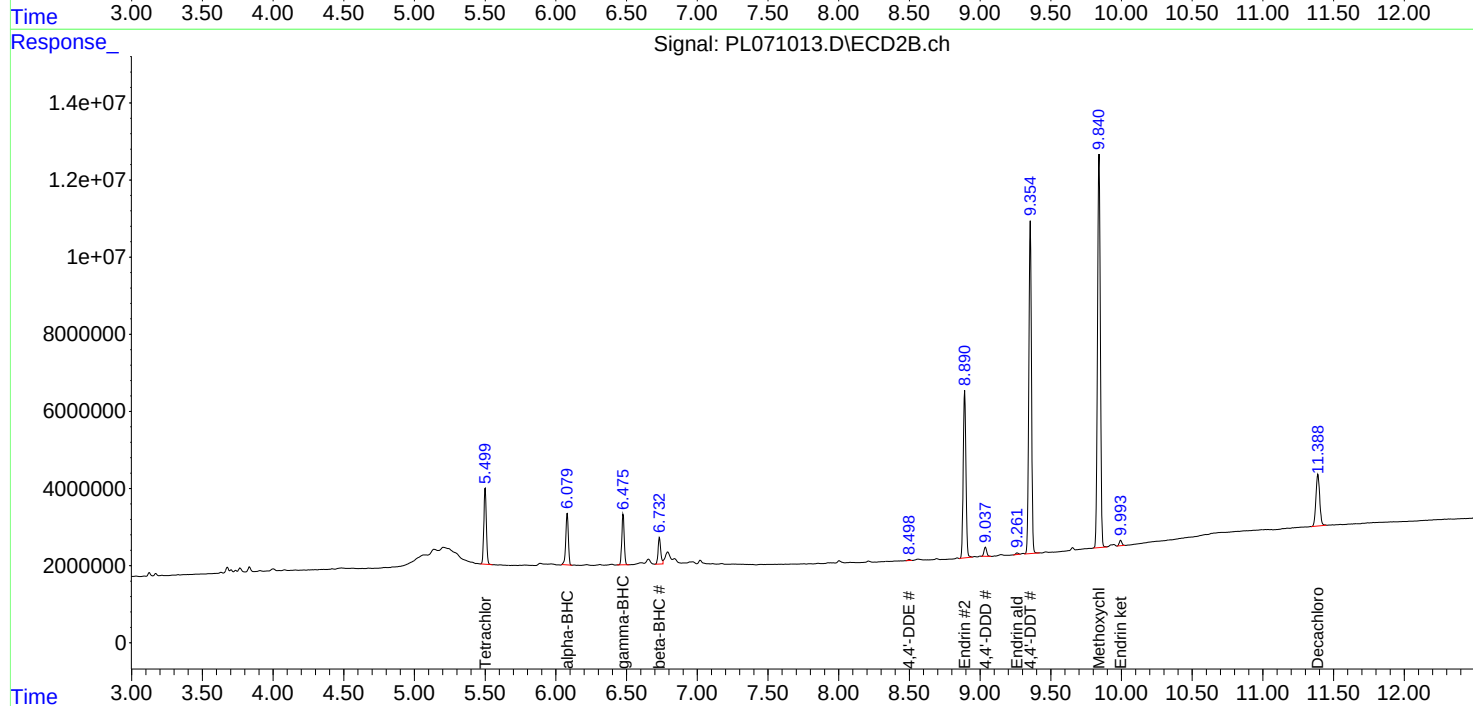
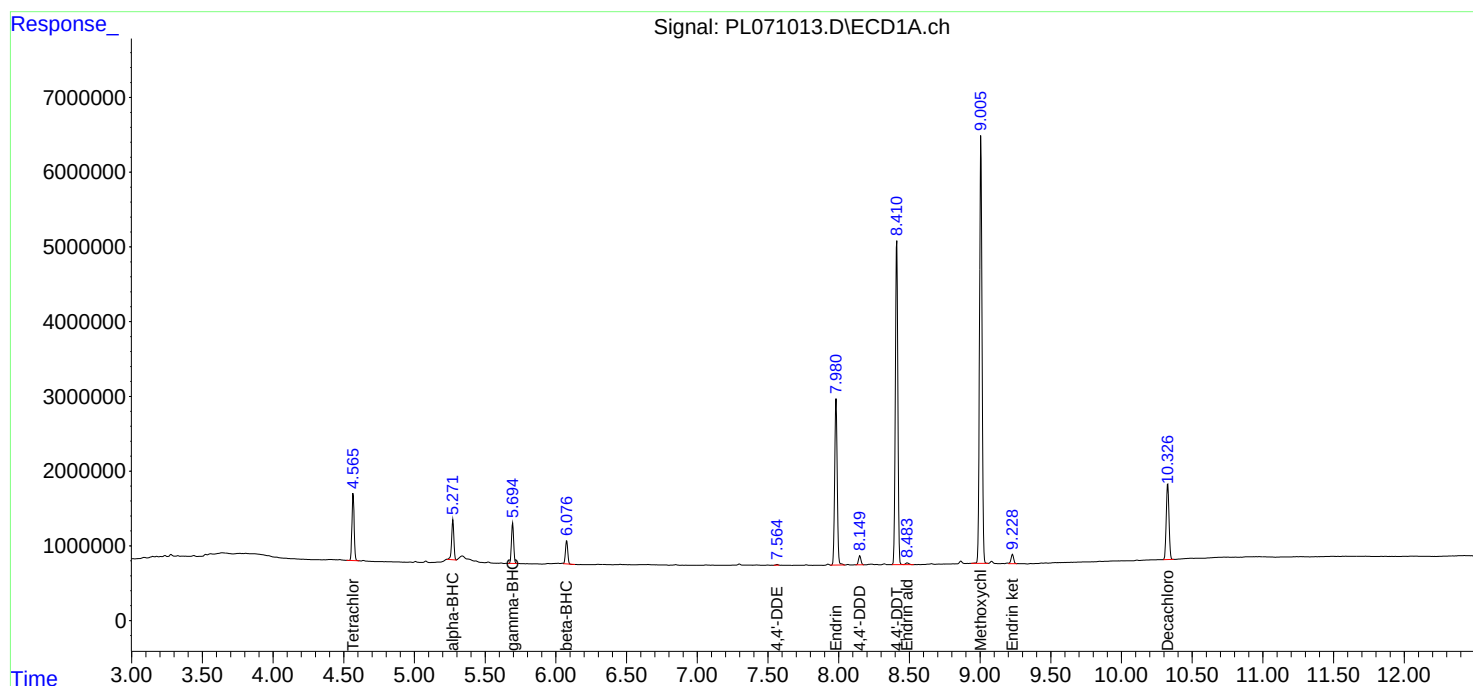
Instrument :
ECD_L
ClientSampleId :
PEM

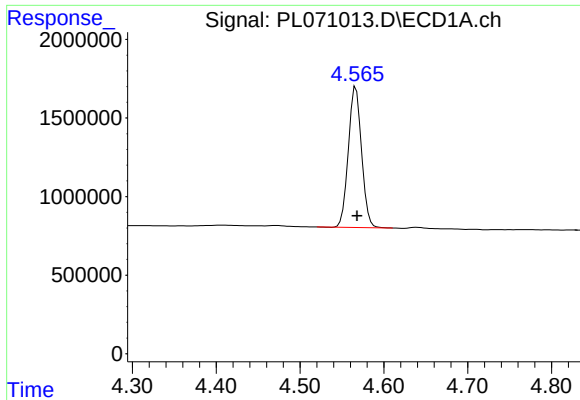
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 00:47:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
Quant Title : GC Extractables
QLast Update : Thu Nov 04 19:28:07 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





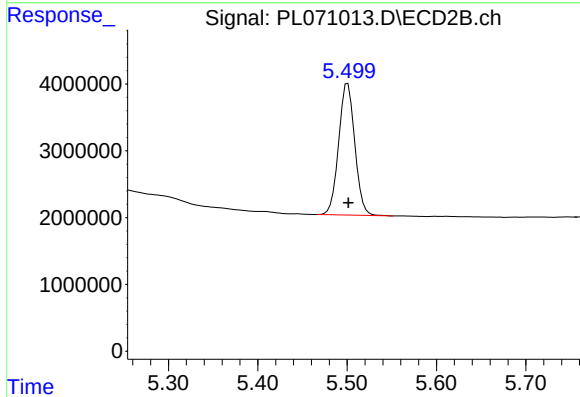
#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 9825603
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

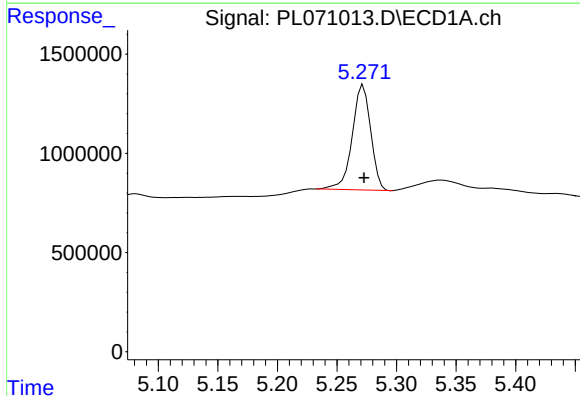
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



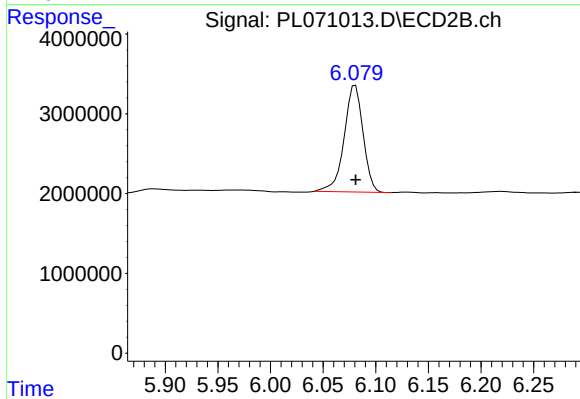
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 24669086
Conc: 19.57 ng/ml



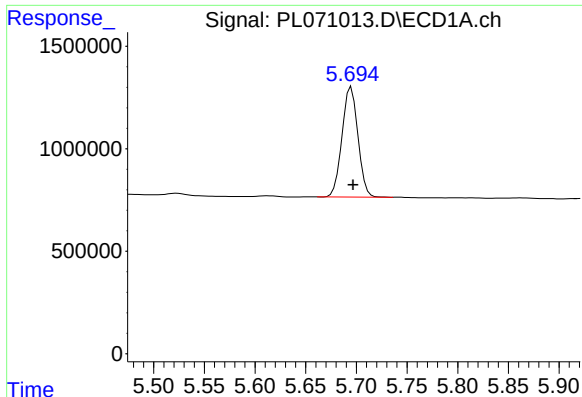
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 5723588
Conc: 8.55 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 16783017
Conc: 9.12 ng/ml



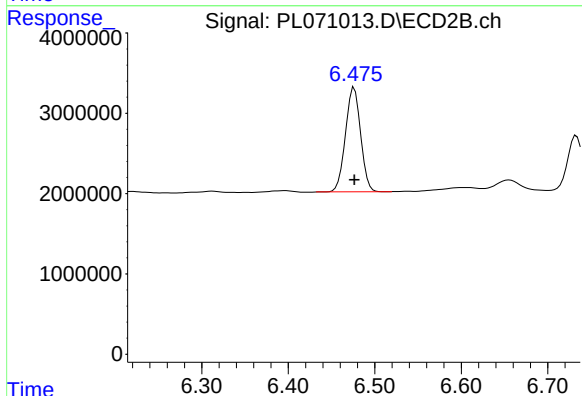
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 5852331
Conc: 8.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

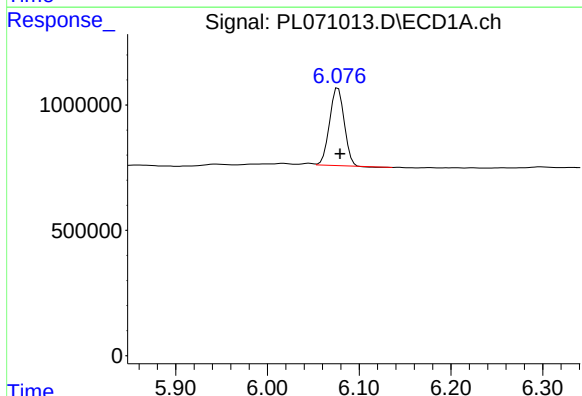
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



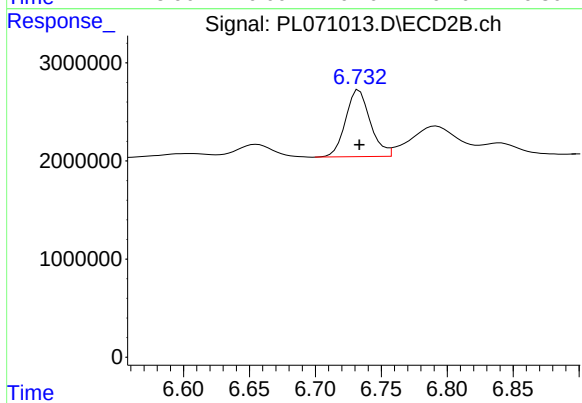
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 15738481
Conc: 9.08 ng/ml



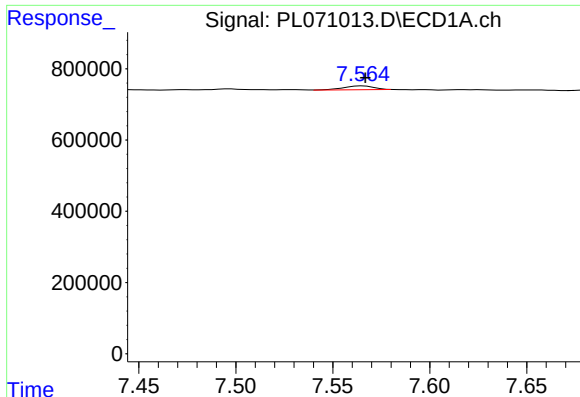
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 3434464
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 8858770
Conc: 10.34 ng/ml



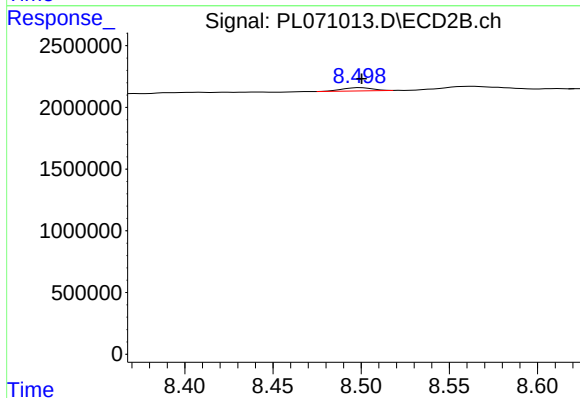
#12 4,4'-DDE

R.T.: 7.564 min
Delta R.T.: -0.003 min
Response: 113814
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

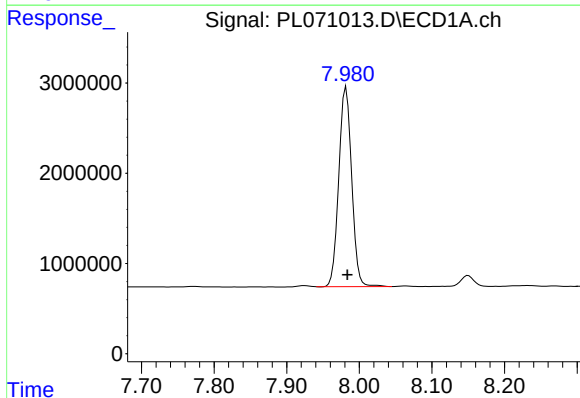
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



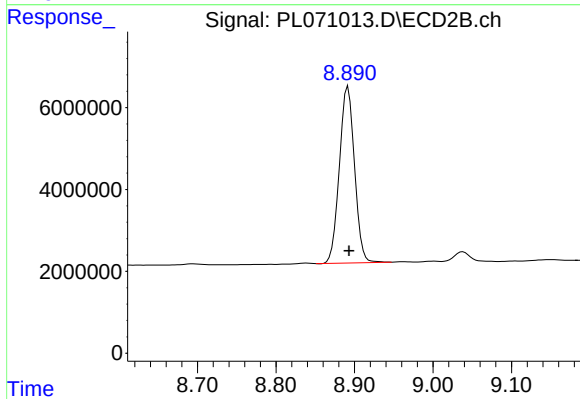
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 317471
Conc: 0.22 ng/ml m



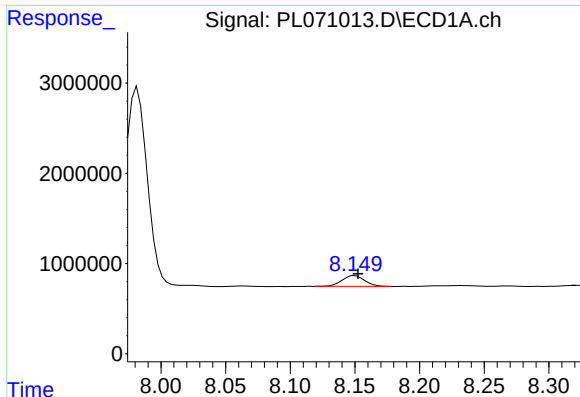
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 27283703
Conc: 48.12 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: -0.001 min
Response: 57775695
Conc: 49.88 ng/ml



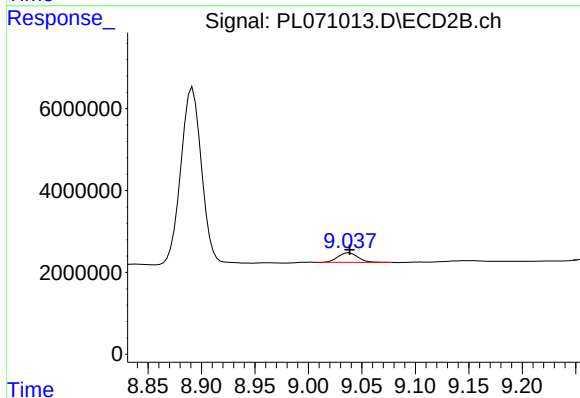
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: -0.004 min
Response: 1455439
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

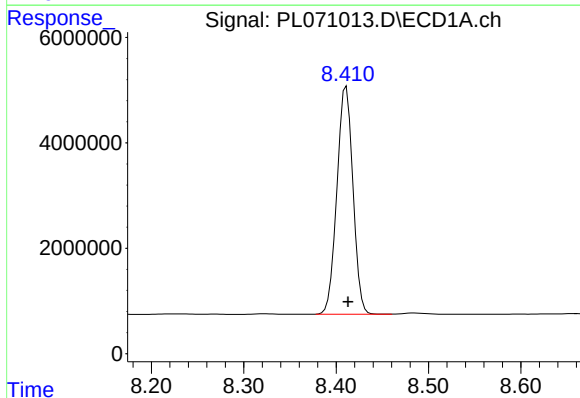
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



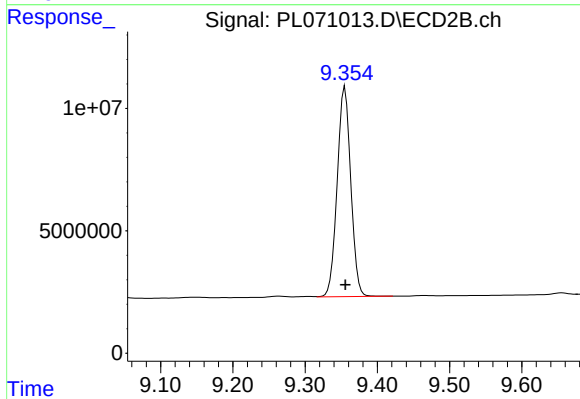
#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 3074745
Conc: 2.55 ng/ml



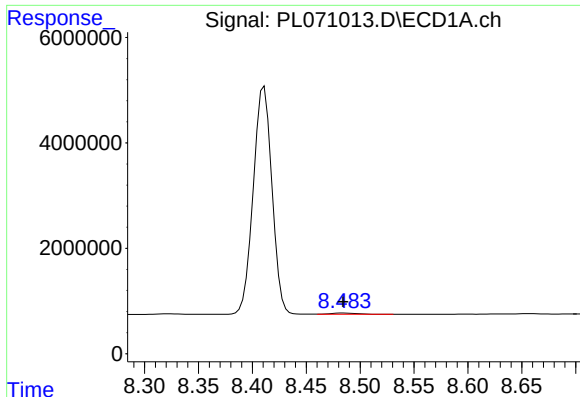
#17 4,4'-DDT

R.T.: 8.411 min
Delta R.T.: -0.002 min
Response: 52123688
Conc: 94.77 ng/ml



#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 112012176
Conc: 88.79 ng/ml



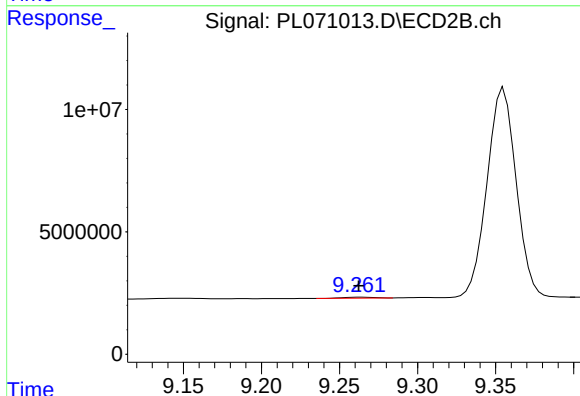
#18 Endrin aldehyde

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 377925
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

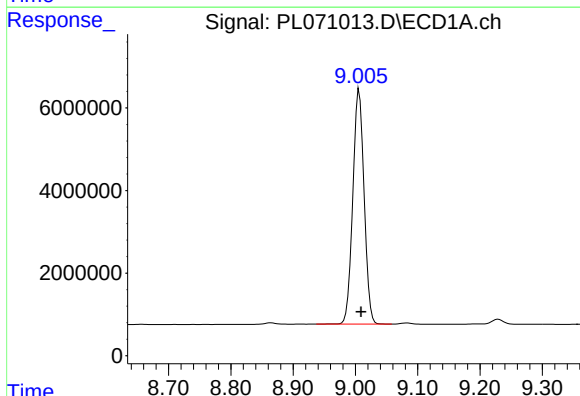
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



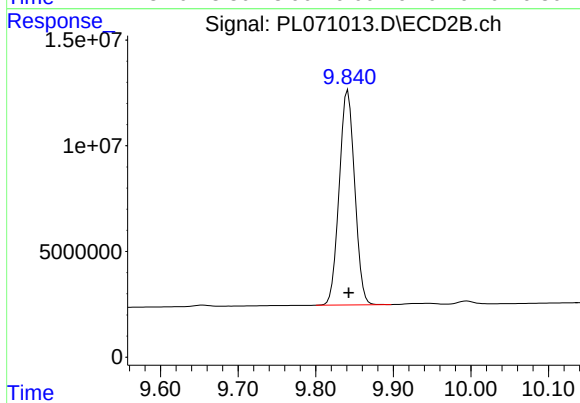
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 543532
Conc: 0.56 ng/ml m



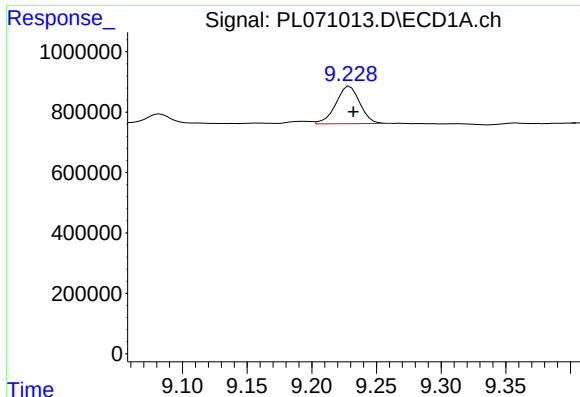
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.004 min
Response: 72275090
Conc: 197.56 ng/ml m



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.000 min
Response: 141017577
Conc: 208.36 ng/ml



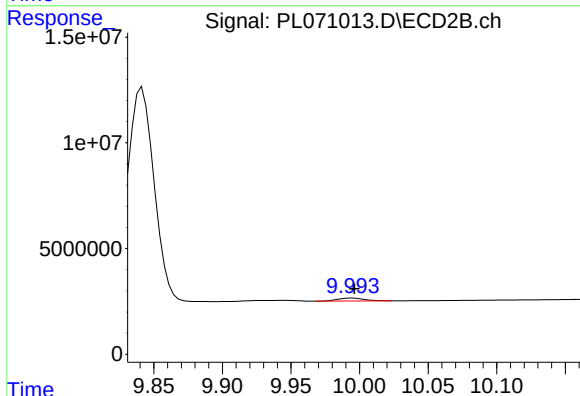
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: -0.003 min
Response: 1599153
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

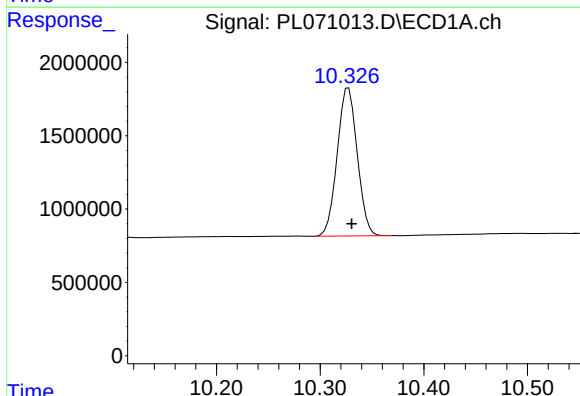
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



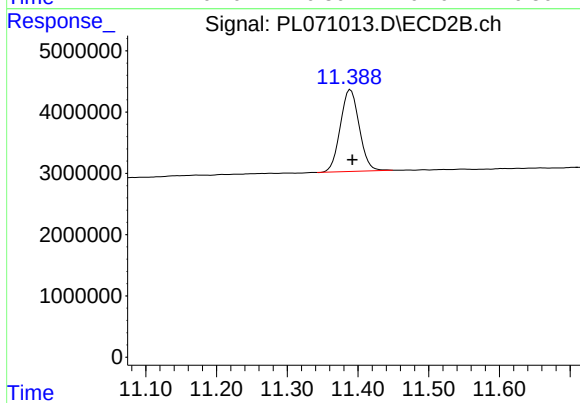
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.002 min
Response: 1851311
Conc: 1.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 13579879
Conc: 19.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 24881194
Conc: 18.60 ng/ml