

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2022 18:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2022
 Supervised By : mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 02:09:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.639	5.486	7649847	40714941	23.676	22.835
28)	SA Decachlor...	10.406	11.333	12418166	42668157	23.880	24.157
Target Compounds							
2)	A alpha-BHC	5.346	6.050	4603127	25705149	10.969	10.208
3)	MA gamma-BHC...	5.770	6.440	4672262	25430305	11.140	10.743
6)	B beta-BHC	6.148	6.677	2826934	12493235	13.835m	11.085
12)	B 4,4'-DDE	7.643	8.463	151157	586420	0.414	0.294 #
14)	MA Endrin	8.061	8.845	23396561	102.0E6	57.594	60.199
16)	A 4,4'-DDD	8.225	8.987	1199289	5542932	3.714m	3.603m
17)	MA 4,4'-DDT	8.488	9.308	43332380	195.3E6	117.229	110.178
18)	B Endrin al...	8.561	9.203	465642	938547	1.439	0.727m#
20)	A Methoxychlor	9.083	9.788	60900262	245.1E6	245.300	254.832
21)	B Endrin ke...	9.309	9.929	1352772	4541741	2.769	2.624

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
Data File : PL074559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2022 18:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

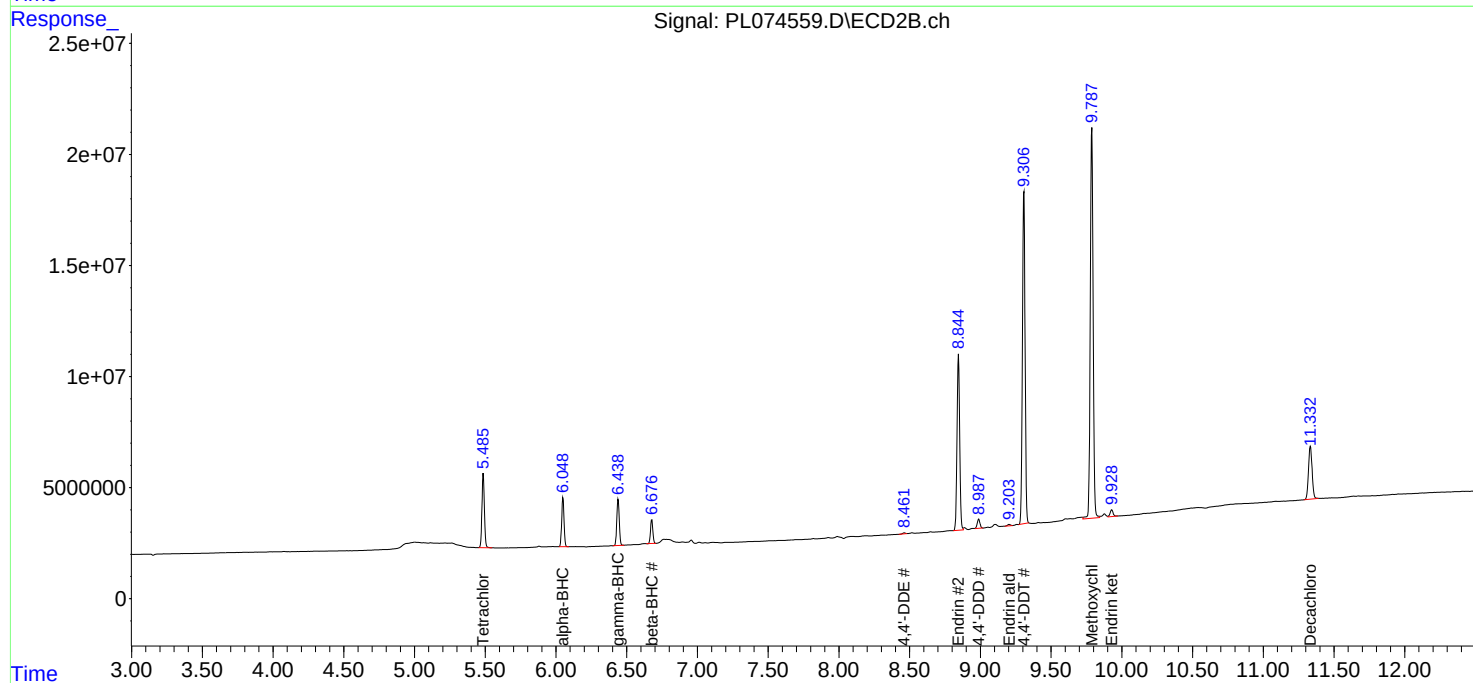
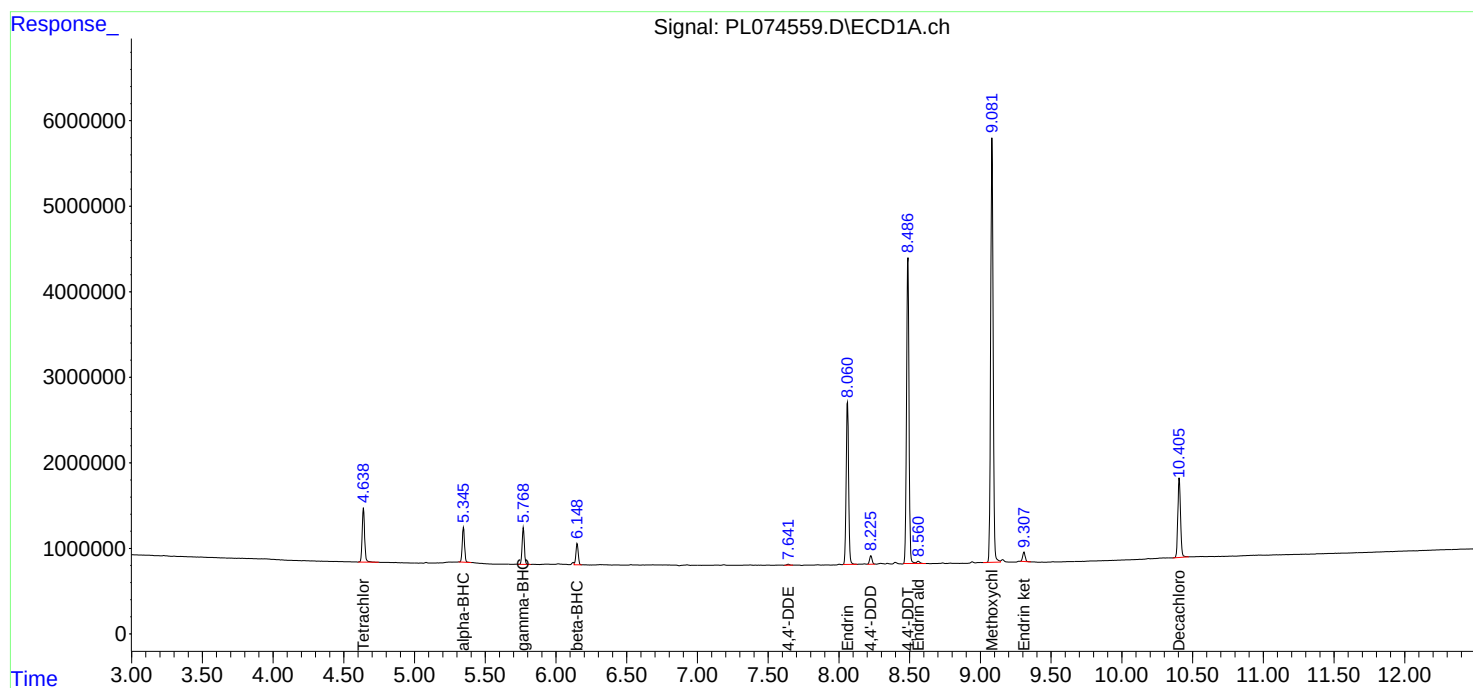
Instrument :
ECD_L
ClientSampleId :
PEM

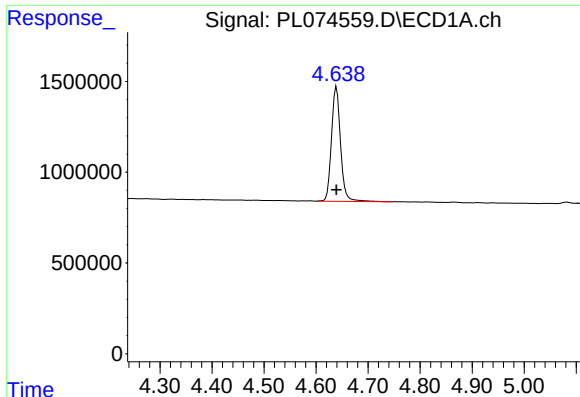
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/06/2022
Supervised By : mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 02:09:17 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 2022
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





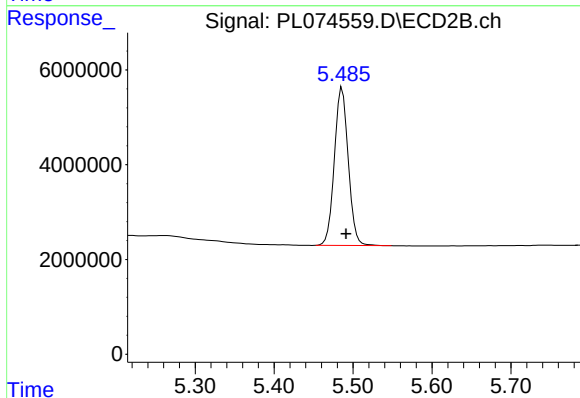
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 7649847
Conc: 23.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

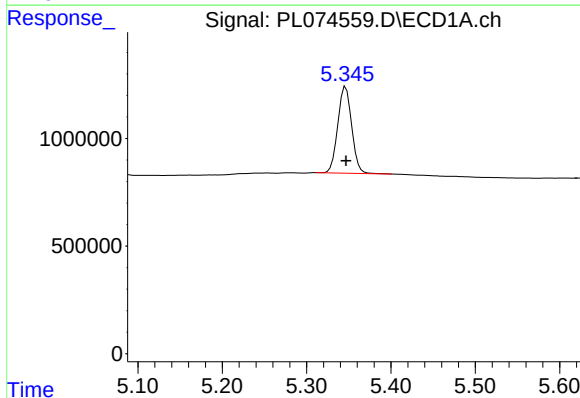
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



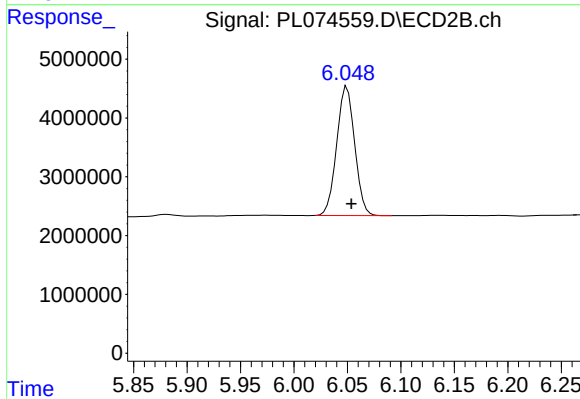
#1 Tetrachloro-m-xylene

R.T.: 5.486 min
Delta R.T.: -0.005 min
Response: 40714941
Conc: 22.84 ng/ml



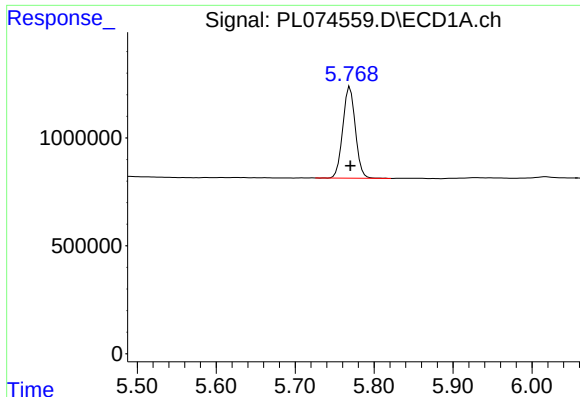
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 4603127
Conc: 10.97 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 25705149
Conc: 10.21 ng/ml



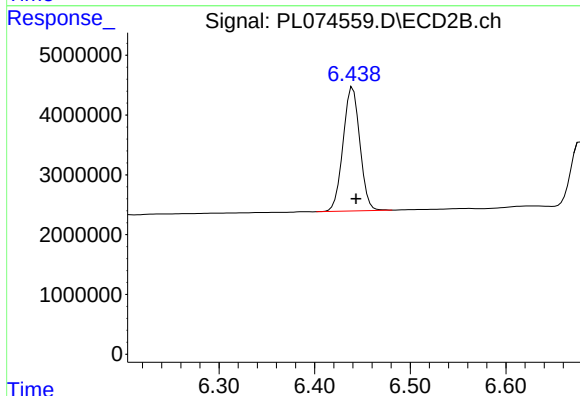
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 4672262
Conc: 11.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

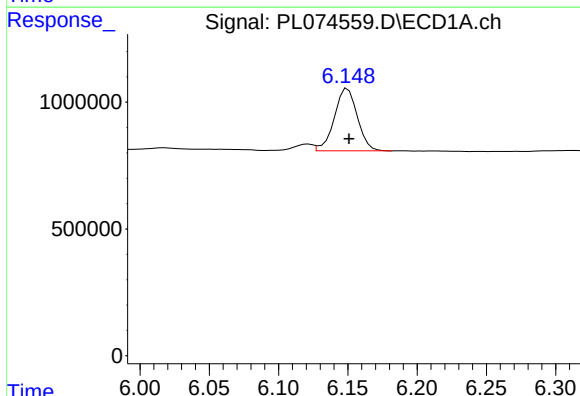
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



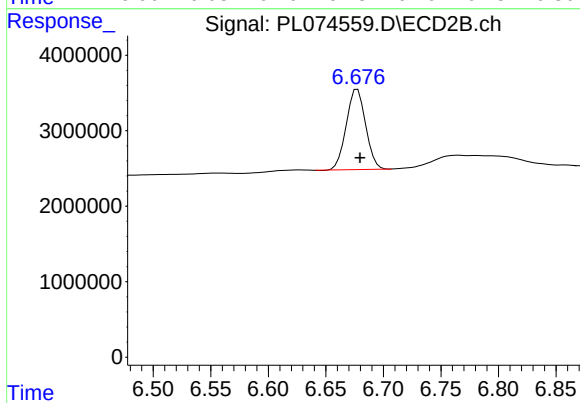
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 25430305
Conc: 10.74 ng/ml



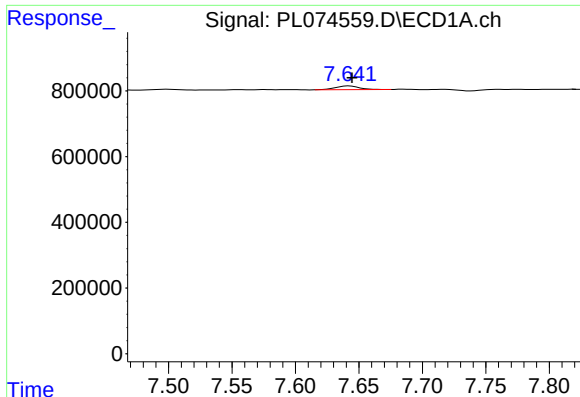
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 2826934
Conc: 13.84 ng/ml m



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 12493235
Conc: 11.09 ng/ml



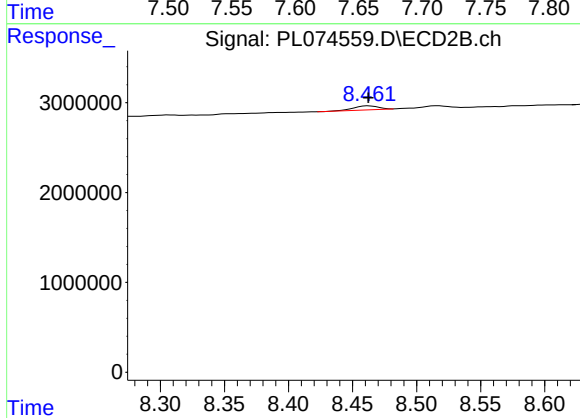
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 151157
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



#12 4,4'-DDE

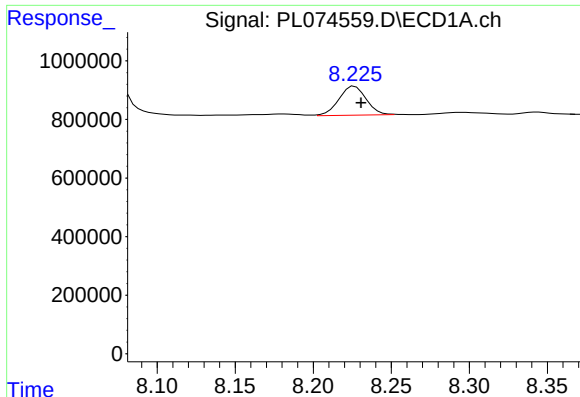
R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 586420
Conc: 0.29 ng/ml

#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 23396561
Conc: 57.59 ng/ml

#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 101956680
Conc: 60.20 ng/ml



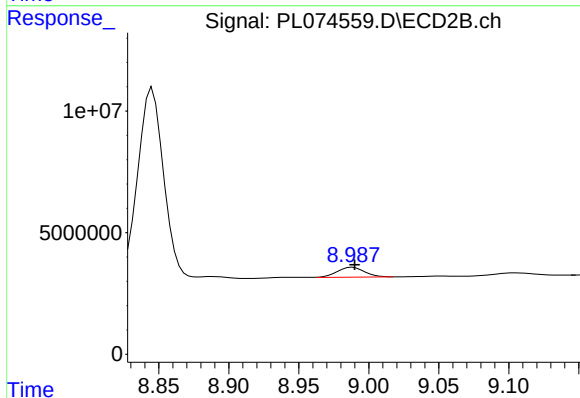
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 1199289
Conc: 3.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

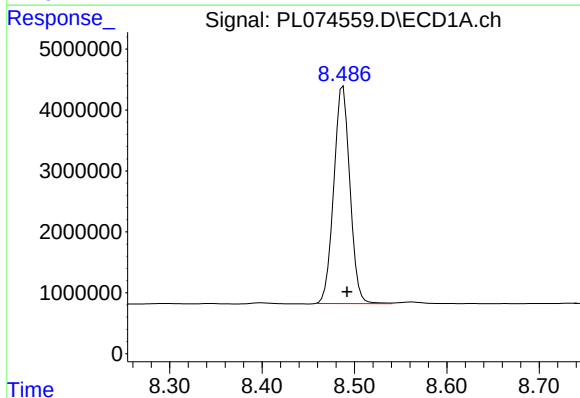
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



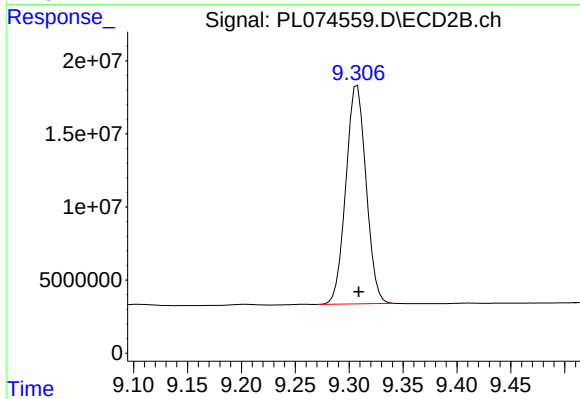
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 5542932
Conc: 3.60 ng/ml m



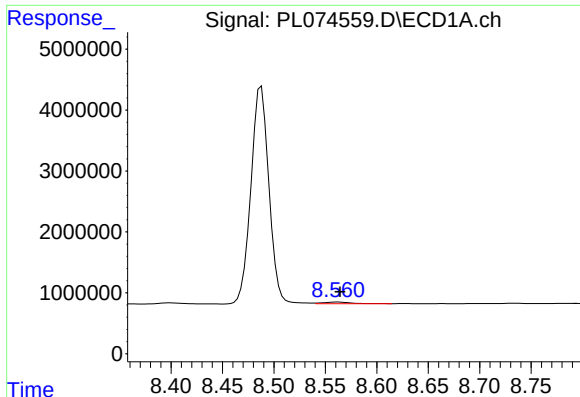
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.004 min
Response: 43332380
Conc: 117.23 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 195309591
Conc: 110.18 ng/ml



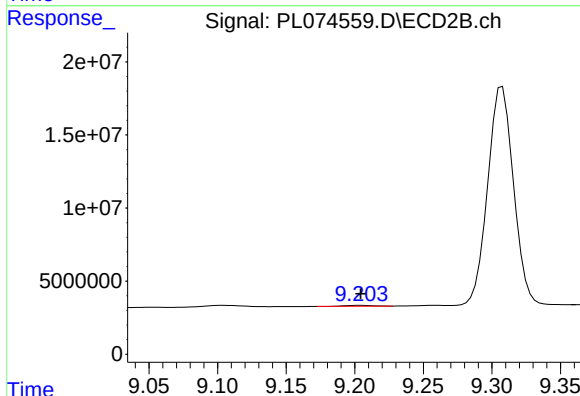
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 465642
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

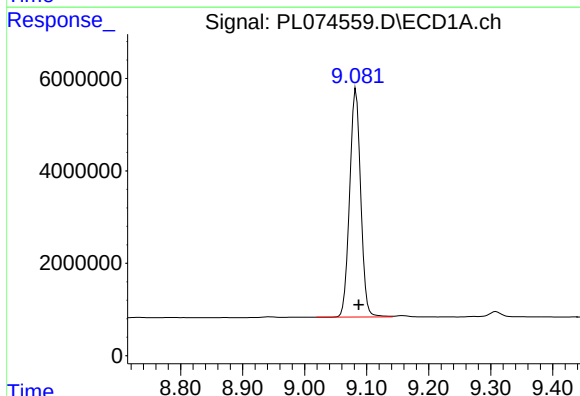
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



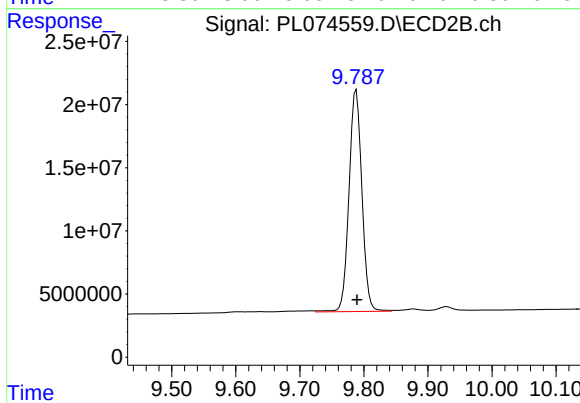
#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 938547
Conc: 0.73 ng/ml m



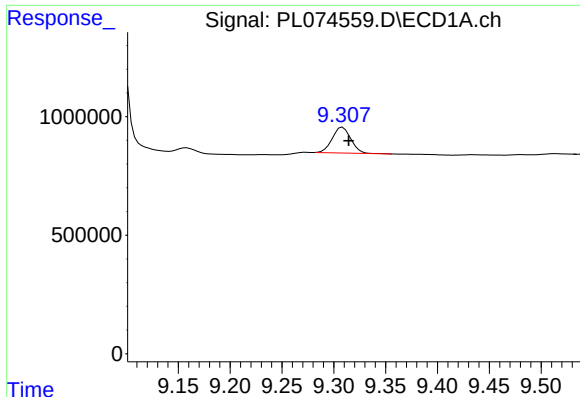
#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: -0.005 min
Response: 60900262
Conc: 245.30 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 245108940
Conc: 254.83 ng/ml



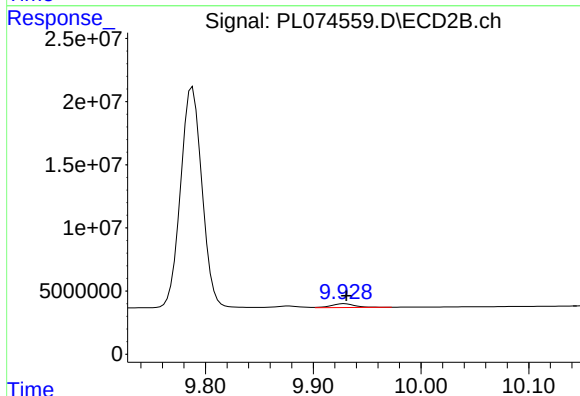
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 1352772
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

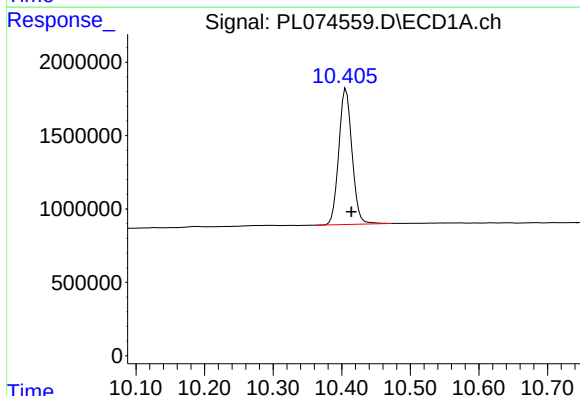
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



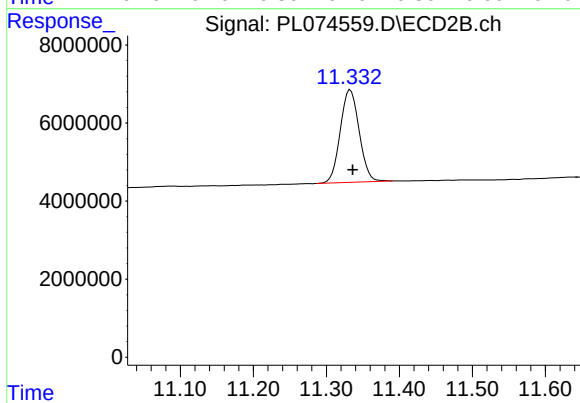
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 4541741
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.008 min
Response: 12418166
Conc: 23.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 42668157
Conc: 24.16 ng/ml