

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 19:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:10:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 16:19:10 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...	5.647	4.652	11832108	29926289	23.304	21.804
28)	SA Decachlor...	11.647	10.403	11702588	25275342	26.205	24.625
Target Compounds							
2)	A alpha-BHC	6.231	5.354	7267725	17542768	10.623	10.424
3)	MA gamma-BHC...	6.629	5.775	7056502	17938673	10.932	10.856
6)	B beta-BHC	6.880	6.151	3555912	10546088	11.914	13.283
12)	B 4,4'-DDE	8.661	7.640	82702	258349	0.179m	0.220
14)	MA Endrin	9.065	8.060	26087446	60475914	63.217	57.252
16)	A 4,4'-DDD	9.194	8.224	387601	445292	0.857m	0.452m#
17)	MA 4,4'-DDT	9.524	8.486	54533624	125.0E6	114.743m	124.945
18)	B Endrin al...	9.434	8.564	152549	617101	0.419m	0.773 #
20)	A Methoxychlor	10.011	9.080	75273275	167.9E6	307.347	287.341
21)	B Endrin ke...	10.176	9.305	656181	1648973	1.280	1.479m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
Data File : PL074671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2022 19:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

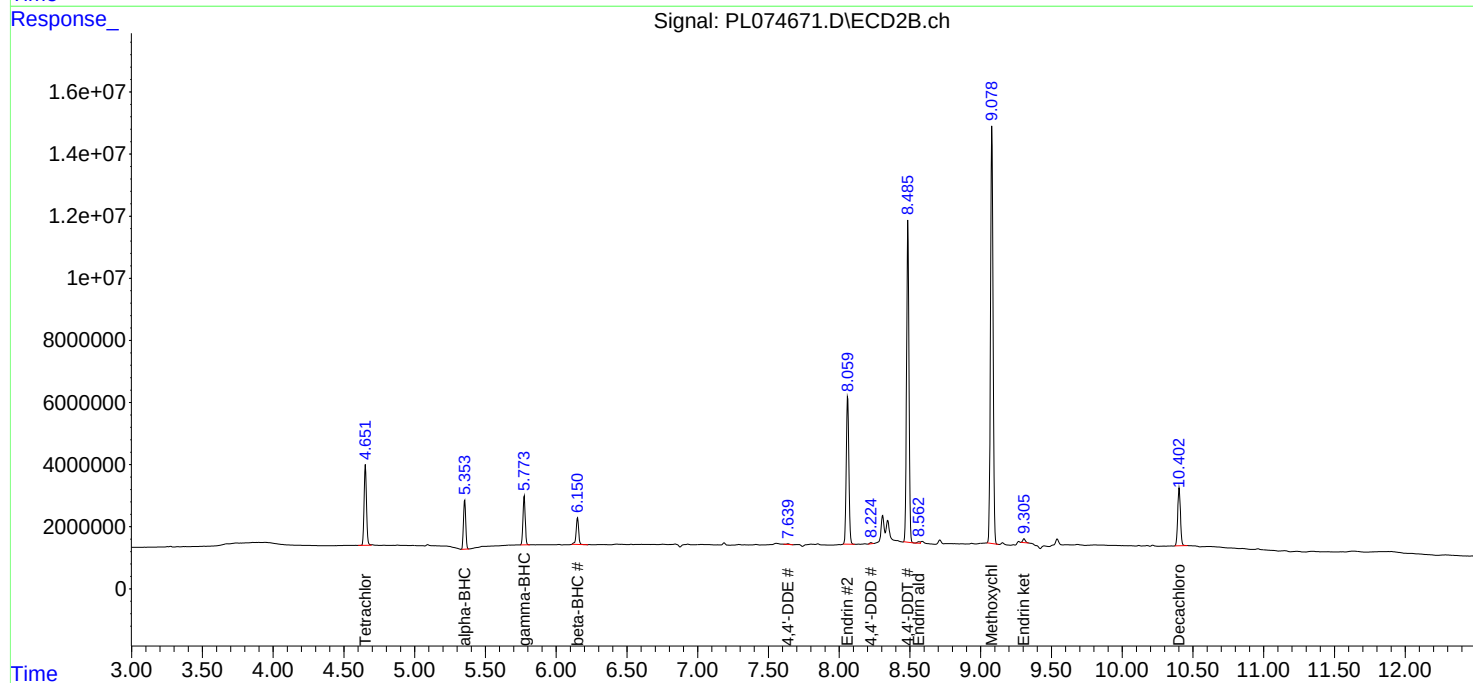
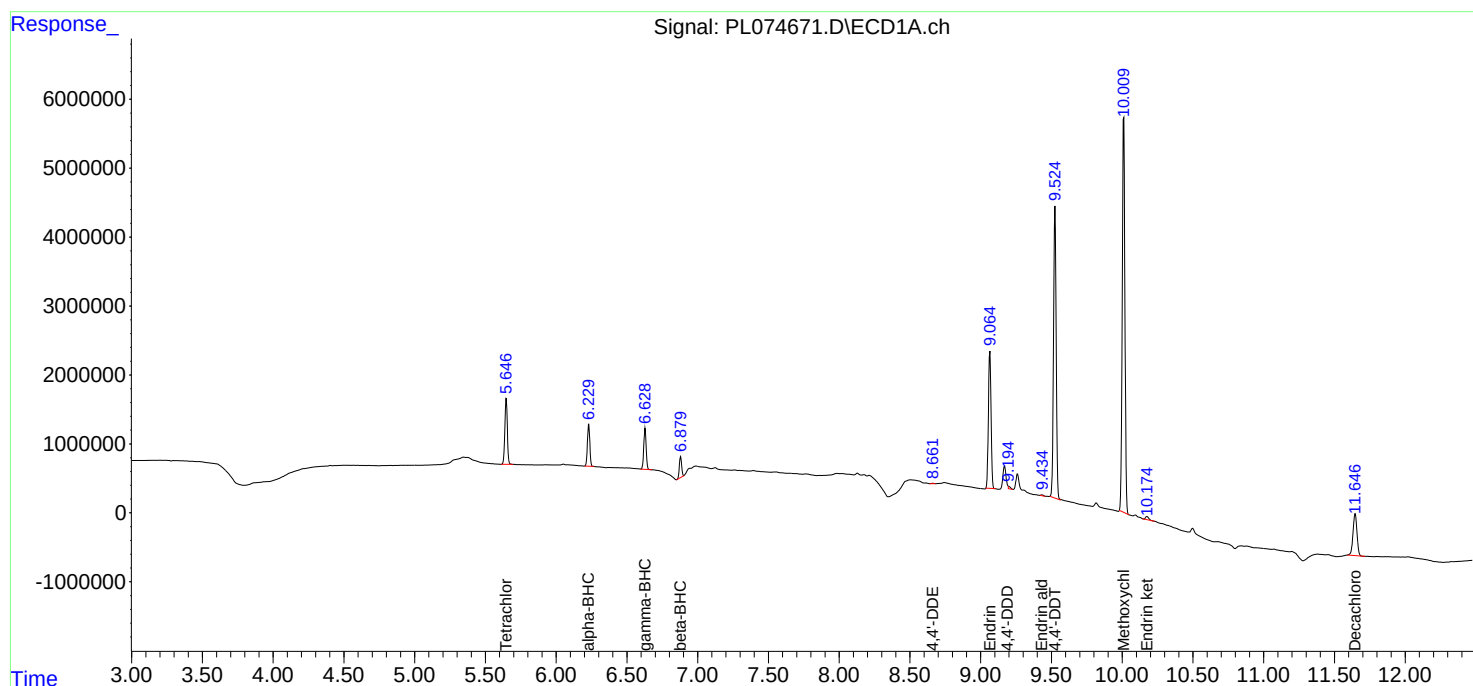
Instrument :
ECD_L
ClientSampleId :
PEM

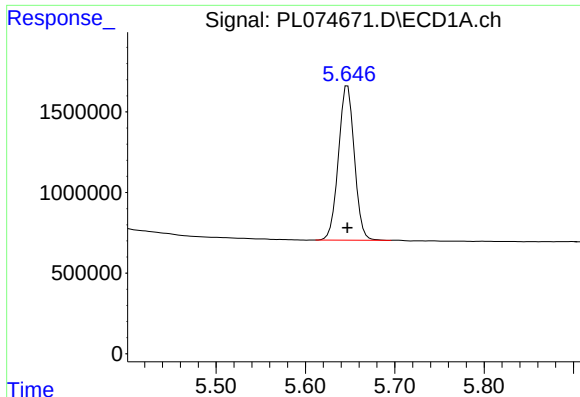
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:10:20 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
QLast Update : Wed May 11 16:19:10 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





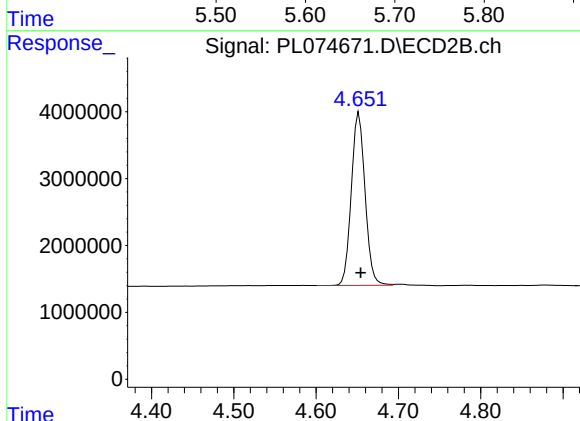
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 11832108
Conc: 23.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

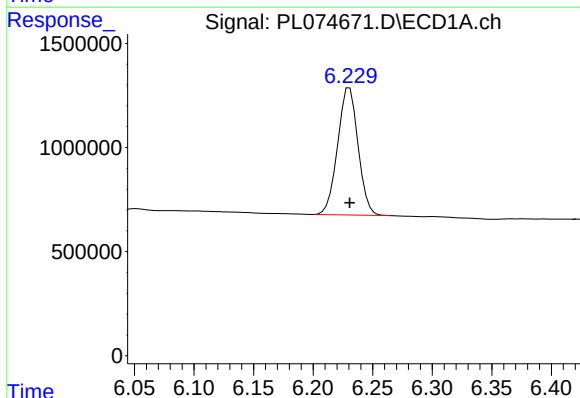
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



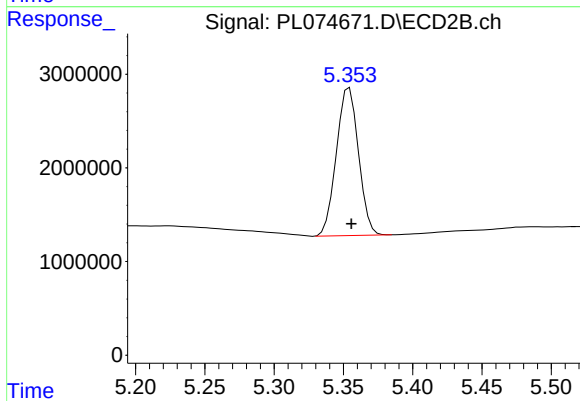
#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 29926289
Conc: 21.80 ng/ml



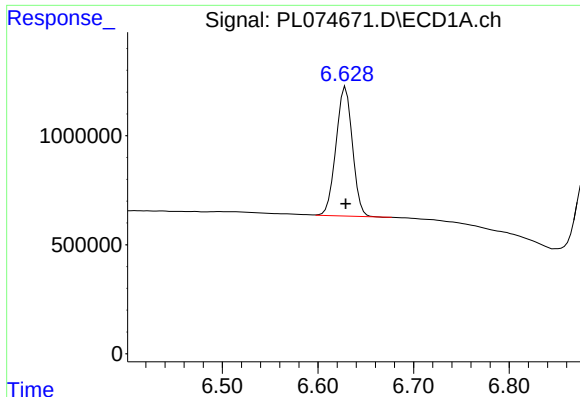
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 7267725
Conc: 10.62 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.002 min
Response: 17542768
Conc: 10.42 ng/ml



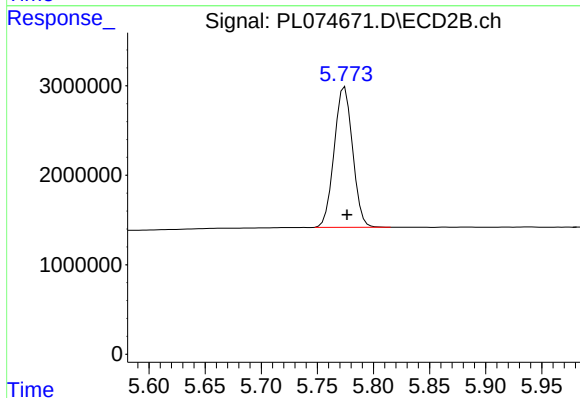
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 7056502
Conc: 10.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

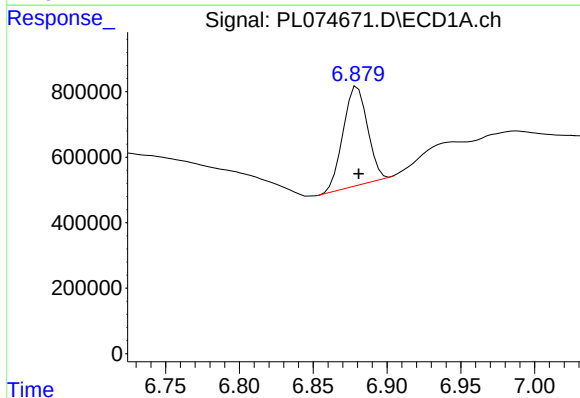
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



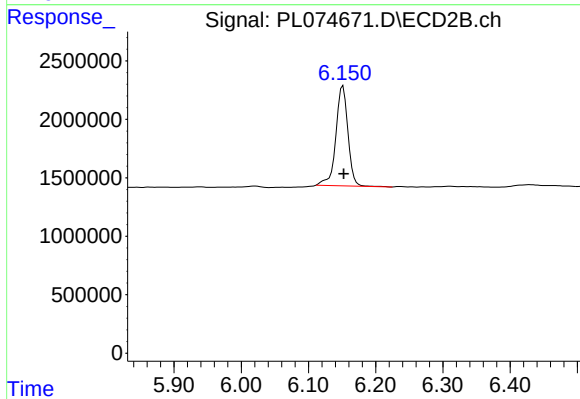
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 17938673
Conc: 10.86 ng/ml



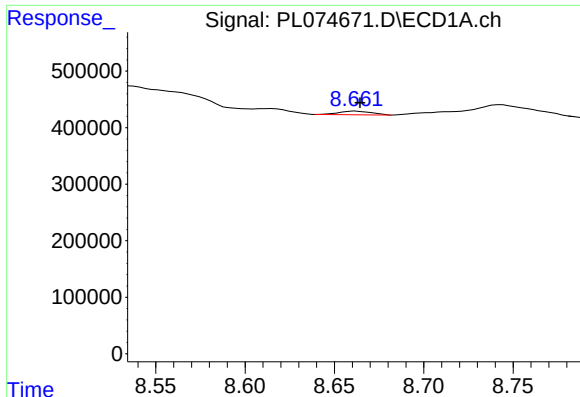
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 3555912
Conc: 11.91 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.001 min
Response: 10546088
Conc: 13.28 ng/ml



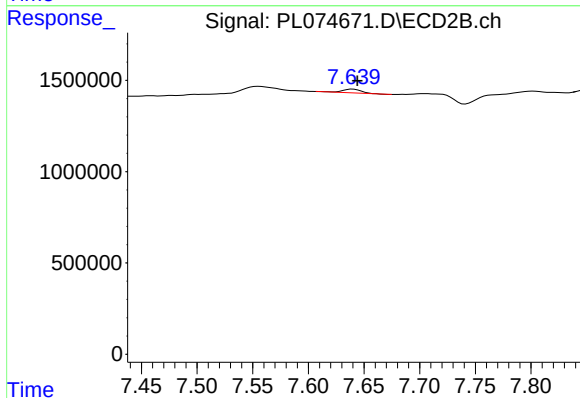
#12 4,4'-DDE

R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 82702
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

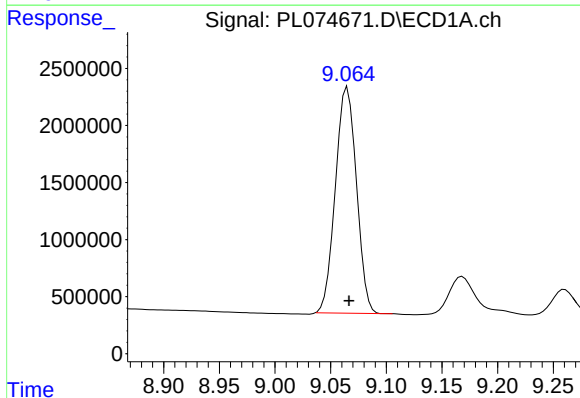
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



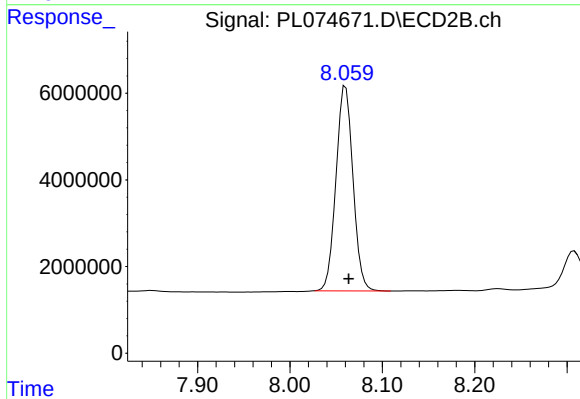
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 258349
Conc: 0.22 ng/ml



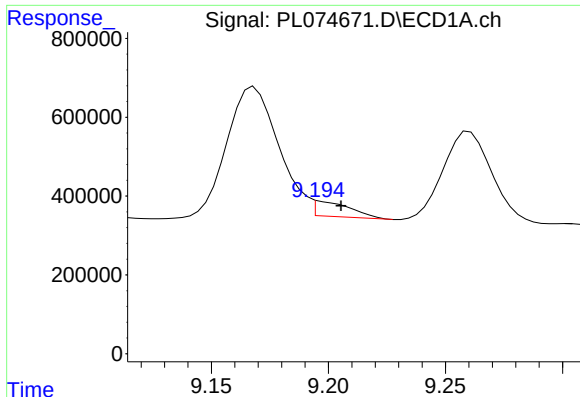
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 26087446
Conc: 63.22 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 60475914
Conc: 57.25 ng/ml



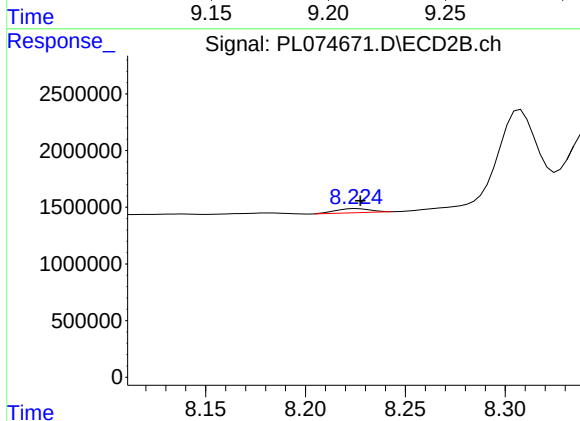
#16 4,4'-DDD

R.T.: 9.194 min
Delta R.T.: -0.011 min
Response: 387601
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

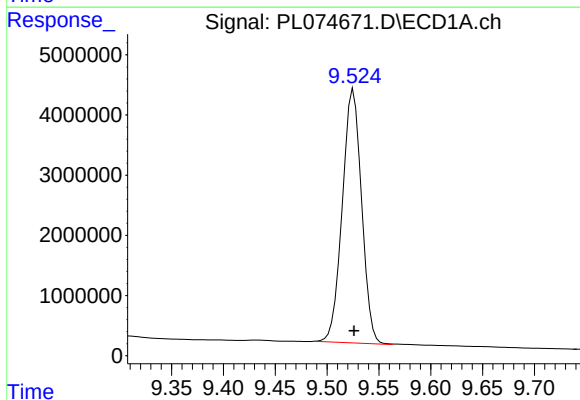
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



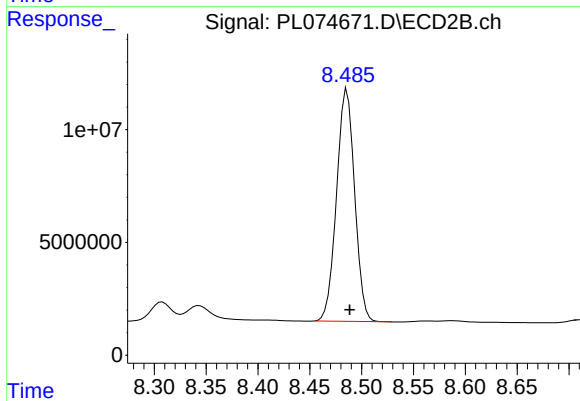
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.003 min
Response: 445292
Conc: 0.45 ng/ml m



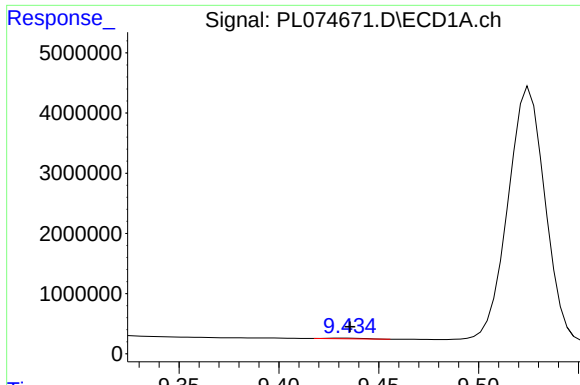
#17 4,4'-DDT

R.T.: 9.524 min
Delta R.T.: -0.002 min
Response: 54533624
Conc: 114.74 ng/ml m



#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.003 min
Response: 125009000
Conc: 124.94 ng/ml



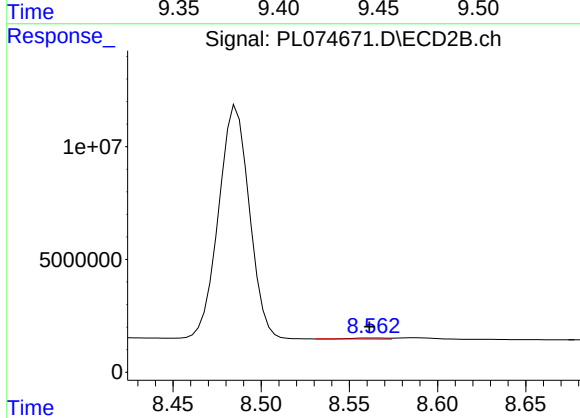
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.001 min
Response: 152549
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

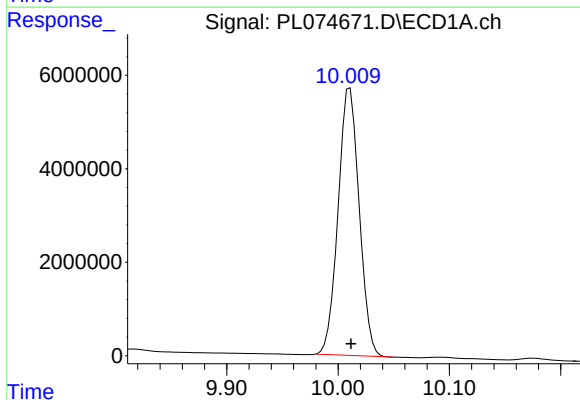
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



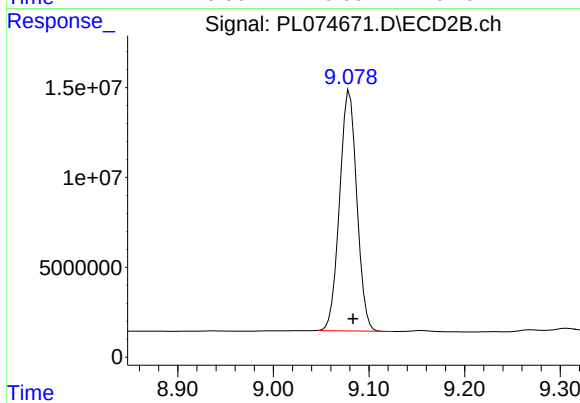
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 617101
Conc: 0.77 ng/ml



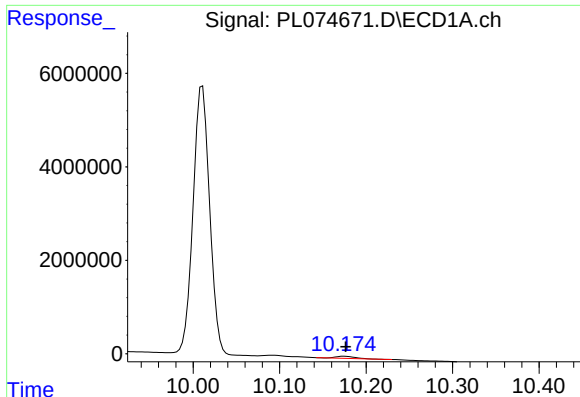
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.001 min
Response: 75273275
Conc: 307.35 ng/ml



#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 167920080
Conc: 287.34 ng/ml



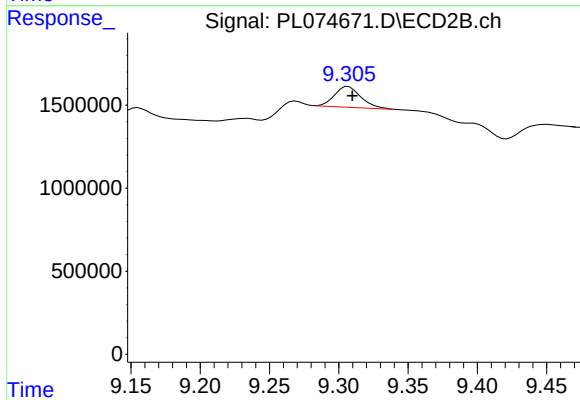
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.001 min
Response: 656181
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

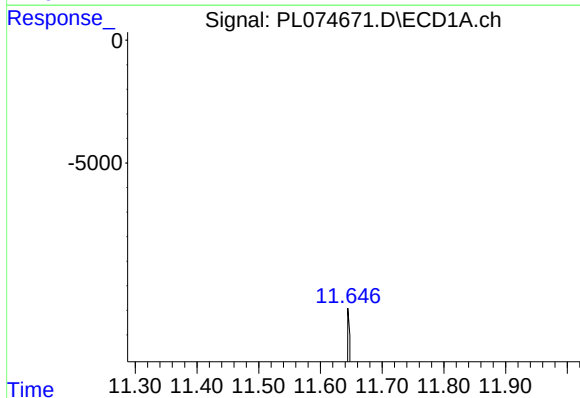
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



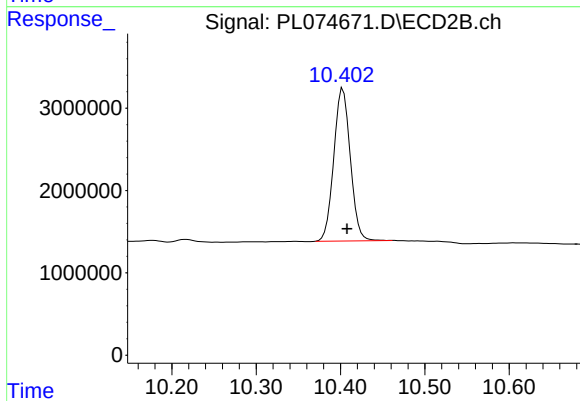
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 1648973
Conc: 1.48 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.647 min
Delta R.T.: -0.003 min
Response: 11702588
Conc: 26.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 25275342
Conc: 24.62 ng/ml