

Gas Chromatography (GC)

Sample Requirement :-

1. Solid Sample - 1 gm.
2. Liquid Sample - 1 ml.

Detectors - FID / ECD / NPD / FPD.

With the Range of 65 Capillary Columns.

1. Method Development
2. Method Validation
3. Quantification
4. Organic Volatile Impurities



Agilent Technologies GC 7820A

Applications :-

1. % Purity of Organic Volatile Components.
2. Assay of Organic Component with comparison of Standard.
3. Analysis of Unknown compounds upto boiling point of 300 deg.



Send your Enquiries

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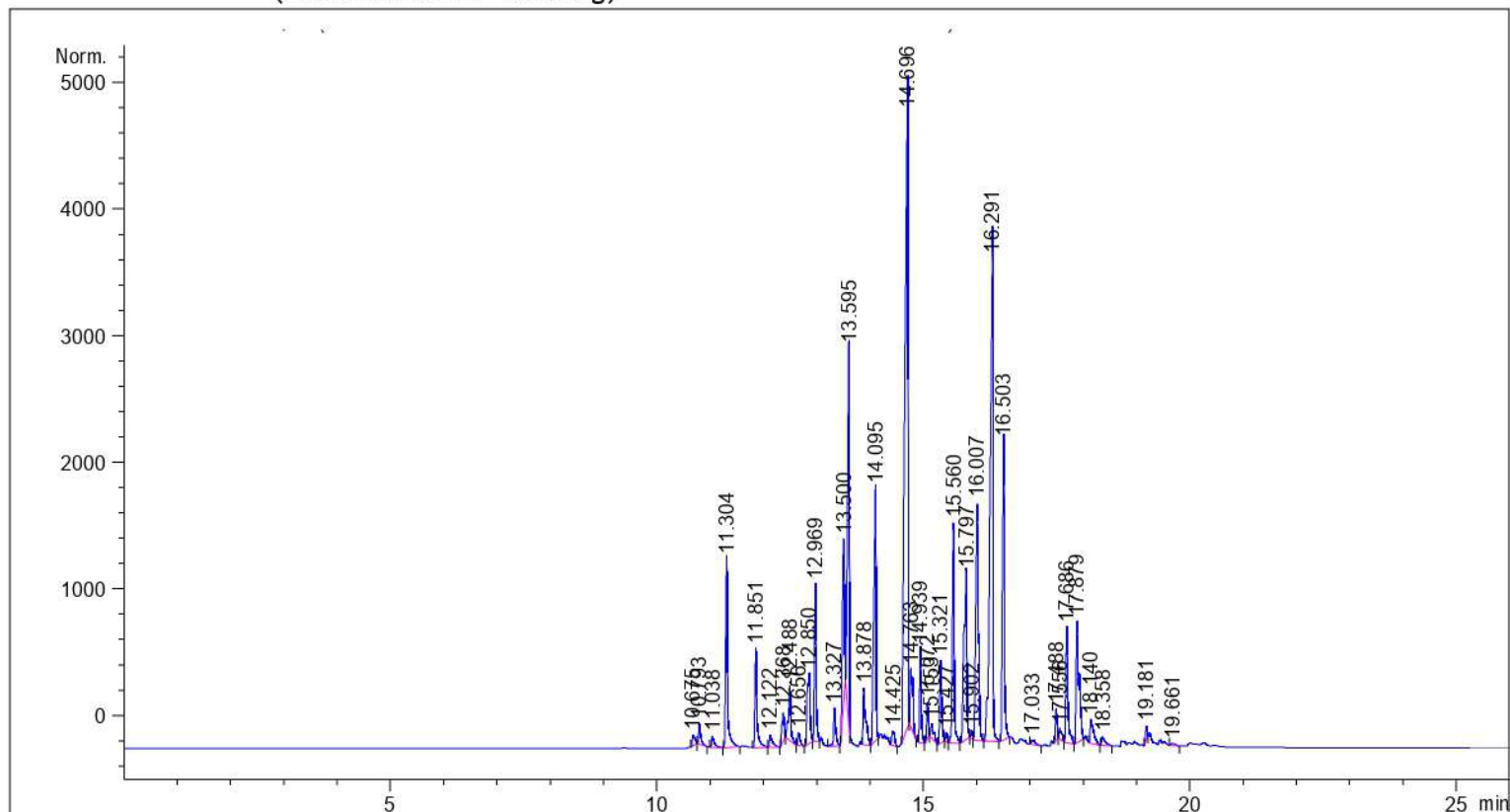
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```

=====
Acq. Operator   : adminstration
Sample Operator : adminstration
Acq. Instrument : GC_7820_Manual      Location :      - (F)
Injection Date  : 6/15/2022 5:22:28 PM
                                           Inj Volume : Manually
Acq. Method     : D:\CHEM32\1\METHODS-SJ\SOLVENTS.M
Last changed    : 6/15/2022 5:47:18 PM by adminstration
                  (modified after loading)
Analysis Method : D:\CHEM32\1\METHOD-KKK\NPG.M
Last changed    : 6/15/2022 5:57:23 PM by adminstration
                  (modified after loading)
    
```



=====
Area Percent Report
 =====

```

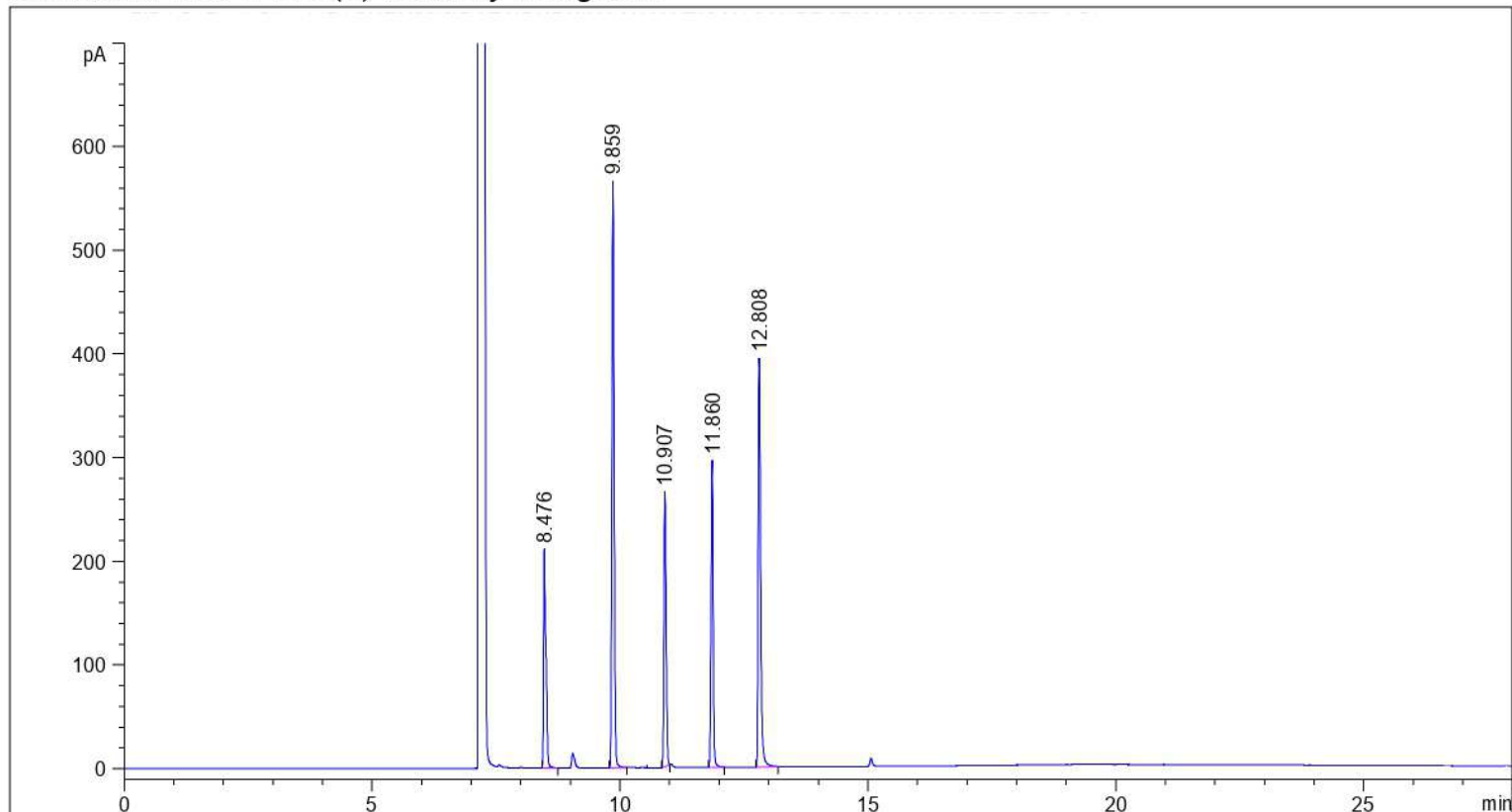
Sorted By      :      Signal
Multiplier     :      1.0000
Dilution       :      1.0000
Sample Amount: :      1.00000 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
    
```

Signal 1: FID1 B, Back Signal

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	10.675	BB	0.0486	268.55157	77.15067	0.27830
2	10.793	BB	0.0400	389.56601	142.02777	0.40371
3	11.038	BB	0.0524	278.11368	76.43673	0.28821
4	11.304	BB	0.0405	3497.27271	1336.08643	3.62428
5	11.851	BB	0.0406	1843.50635	703.06903	1.91046

```

=====
Acq. Operator   : adminstration
Sample Operator : adminstration
Acq. Instrument : GC_7820_Manual      Location :      - (F)
Injection Date  : 8/18/2021 11:04:23 AM
                                           Inj Volume : Manually
Acq. Method     : D:\CHEM32\1\METHOD-KKK\FREE MONOMER CONTENT.M
Last changed    : 3/24/2021 6:31:53 PM by adminstration
Analysis Method : D:\CHEM32\1\METHOD-KKK\TRICLOSAN.M
Last changed    : 8/18/2021 11:47:08 AM by adminstration
                  (modified after loading)
Additional Info  : Peak(s) manually integrated
    
```



=====
Area Percent Report
 =====

```

Sorted By      :      Signal
Multiplier     :      1.0000
Dilution       :      10.0000
Sample Amount: :      1.00000 [ng/ul] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs
    
```

Signal 1: FID1 B, Back Signal

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	8.476	BB	0.0466	701.87567	212.14944	12.75020
2	9.859	BB	0.0461	1753.74609	566.07526	31.85838
3	10.907	BB	0.0467	812.36224	265.18845	14.75729
4	11.860	BB	0.0466	878.95508	296.57129	15.96701
5	12.808	BB	0.0521	1357.87976	395.47440	24.66711