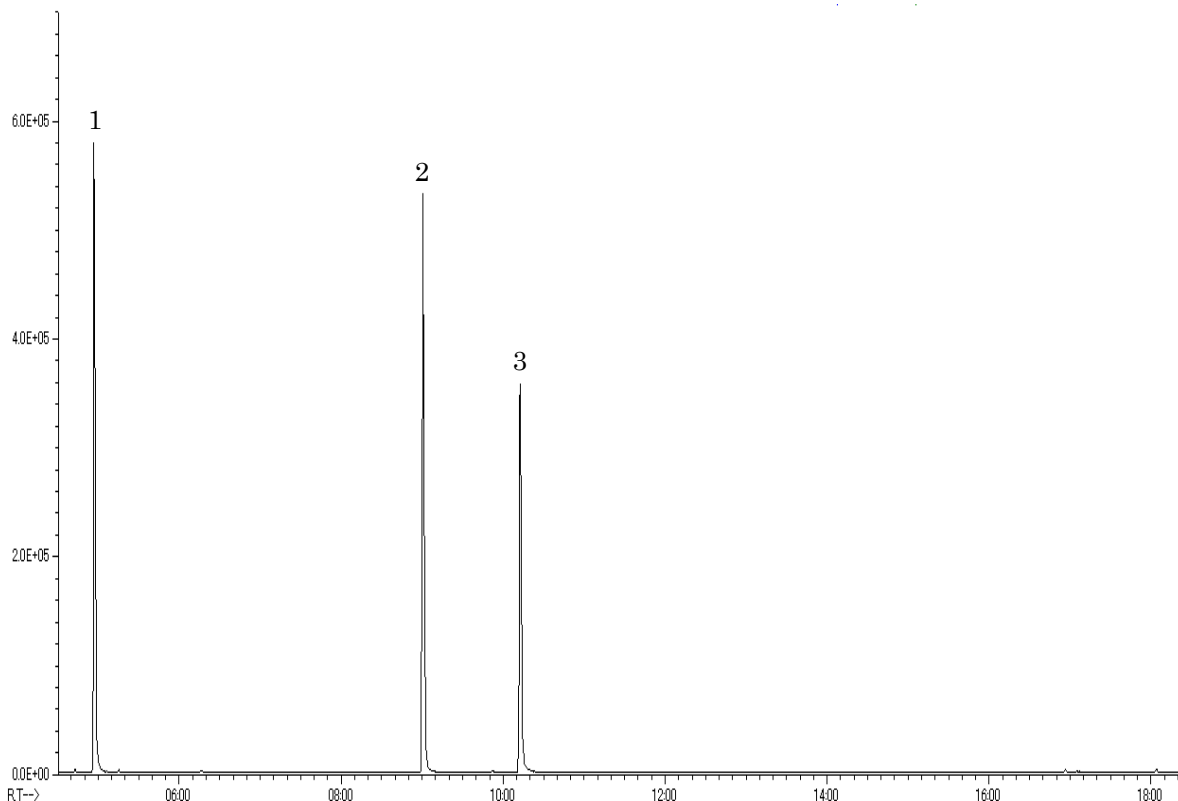


InertSearch™ for GC

InertCap® Applications

Tobacco

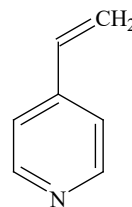
Data No. GA207-0904



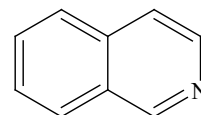
Conditions

System : GC-MS
Column : InertCap 5MS
0.25 mm I.D. x 30 m df = 0.25 µm
Col. Temp. : 60 °C (1 min hold) - 10 °C/min
- 280 °C (7 min hold)
Carrier Gas : He 36.5 cm/sec
Injection : Splitless 1 min Vent flow 50 mL/min
250 °C
Detection : MS Scan (m/z = 45 - 500)
Interface Temp. 280 °C
Sample Size : 10 µg/mL in IPA
1.0 µL
Analyte : 1. 4-Vinylpyridine
2. Isoquinoline
3. Nicotine

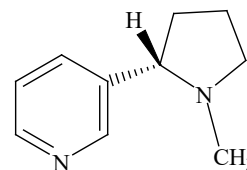
Chemical Structure



1. 4-Vinylpyridine



2. Isoquinoline



3. Nicotine

Structures are created using Chemistry 4-D Draw which is provided by ChemInnovation Software, Inc.