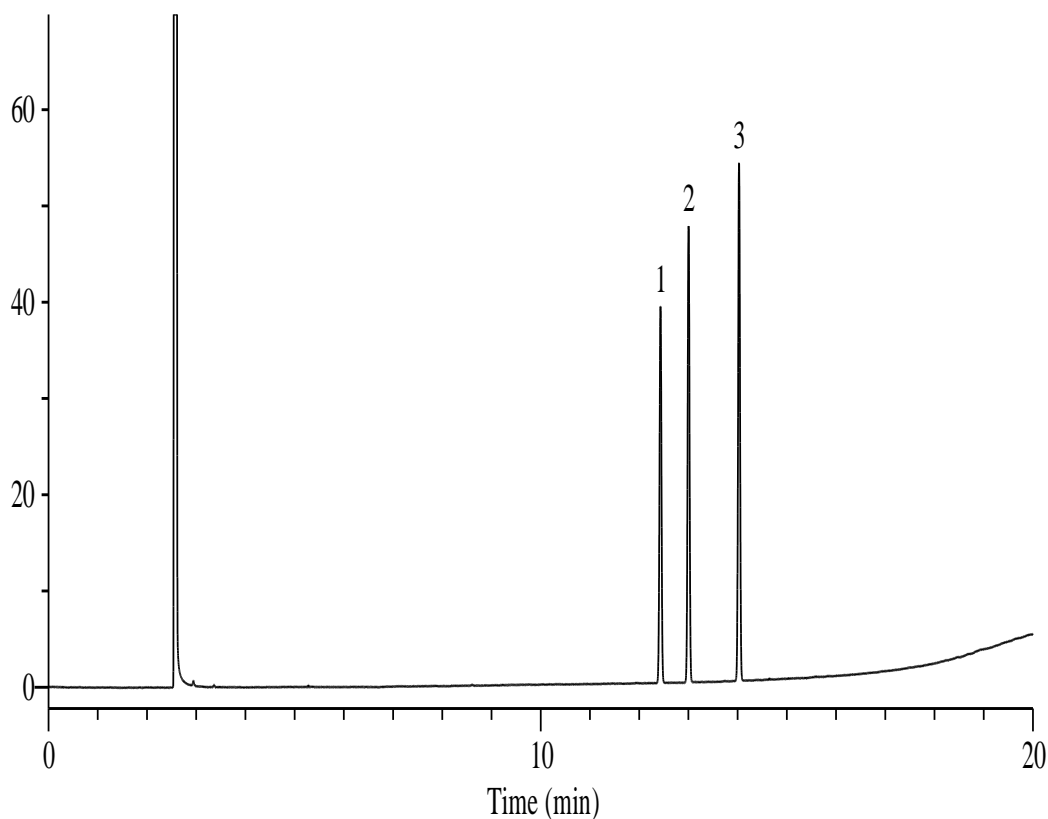


γ -Butyrolacton & Pyrrolidones



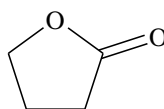
Conditions

System : GC/FID
Column : InertCap Pure-WAX
 0.32 mm I.D. x 30 m df = 0.5 μ m
Col. Cat. No. : 1010-68244
Col. Temp. : 50 $^{\circ}$ C - 10 $^{\circ}$ C/min - 240 $^{\circ}$ C (2 min hold)
Carrier Gas : He 50 kPa
Injection : Split flow 180 mL/min
 240 $^{\circ}$ C
Detection : FID Range 10^0
 240 $^{\circ}$ C
Sample Size : 1 mg/mL in Acetone
 1 μ L

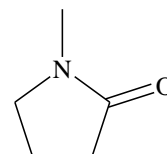
Analyte

1. γ -Butyrolactone
 2. N-Methyl-2-pyrrolidone(NMP)
 3. N-Vinyl-2-pyrrolidone(NVP)

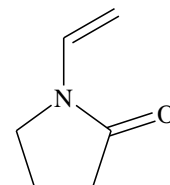
Chemical Structure



1. γ -Butyrolactone



2. N-Methyl-2-Pyrrolidone
(NMP)



3. N-Vinyl-2-Pyrrolidone
(NVP)