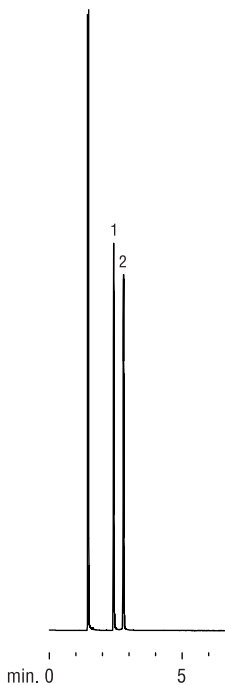
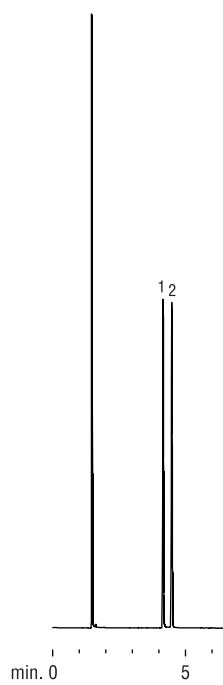


Glycols
Rtx®-BAC1 & Rtx®-BAC2

Rtx®-BAC1



Rtx®-BAC2



1. ethylene glycol
2. propylene glycol

Columns: Rtx®-BAC1, 30m, 0.32mm ID, 1.8 μ m (cat.# 18003)
Rtx®-BAC2, 30m, 0.32mm ID, 1.2 μ m (cat.# 18002)

Inj.: 0.5 μ L split injection
Conc.: 1%
Solvent: methanol
Oven temp.: 100°C to 240°C @ 5°C/min. (hold 5 min.)
Inj. temp.: 240°C
Inj. mode: 100:1 split
Inlet liner: 4mm single gooseneck (cat.# 20798)
Septa purge: 5.0cc/min.
Carrier gas: helium, constant pressure
Pressure: 12psi
Linear velocity: 37cm/sec.
Column flow rate: 2.1mL/min.
Det.: FID @ 240°C
Make-up gas flow: 40cc/min.

GC_EV00474

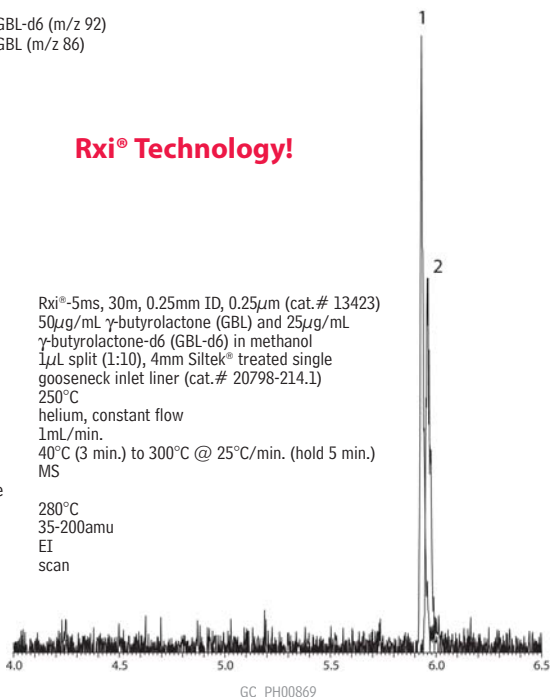
γ -butyrolactone and γ -butyrolactone-d6
Rxi®-5ms

1. GBL-d6 (m/z 92)
2. GBL (m/z 86)

Rxi® Technology!

Column: Rxi®-5ms, 30m, 0.25mm ID, 0.25 μ m (cat.# 13423)
Sample: 50 μ g/mL γ -butyrolactone (GBL) and 25 μ g/mL γ -butyrolactone-d6 (GBL-d6) in methanol
Inj.: 1 μ L split (1:1.0), 4mm Siltek® treated single gooseneck inlet liner (cat.# 20798-214.1)

Inj. temp.: 250°C
Carrier gas: helium, constant flow
Flow rate: 1mL/min.
Oven temp.: 40°C (3 min.) to 300°C @ 25°C/min. (hold 5 min.)
Det: MS
Transfer line temp.: 280°C
Scan range: 35-200amu
Ionization: EI
Mode: scan



GC_PH00869

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