

Comparison of Converted and Unconverted GHB on Rtx-BAC1

Peaks

1. GBL
2. AMGB (IS)

Column Rtx-BAC1, 30 m, 0.32 mm ID, 1.80 μ m (cat.# 18003)

Sample
Conc.: 50 μ g/mL GHB, GBL, and AMGB (IS) in urine
A: Unconverted
B: Converted with sulfuric acid

Injection

Inj. Vol.: 1000 μ L headspace-syringe split (split ratio 10:1)
Liner: 1 mm Split (cat.# 20972)
Inj. Temp.: 200 $^{\circ}$ C

Headspace-Syringe

Sample Temp.: 100 $^{\circ}$ C
Sample Equil. Time: 10 min

Oven

Oven Temp.: 50 $^{\circ}$ C (hold 3 min) to 150 $^{\circ}$ C at 20 $^{\circ}$ C/min (hold 7 min)

Carrier Gas He, constant flow

Flow Rate: 1.0 mL/min

Detector FID @ 240 $^{\circ}$ C

Make-up Gas

Flow Rate: 40 mL/min

