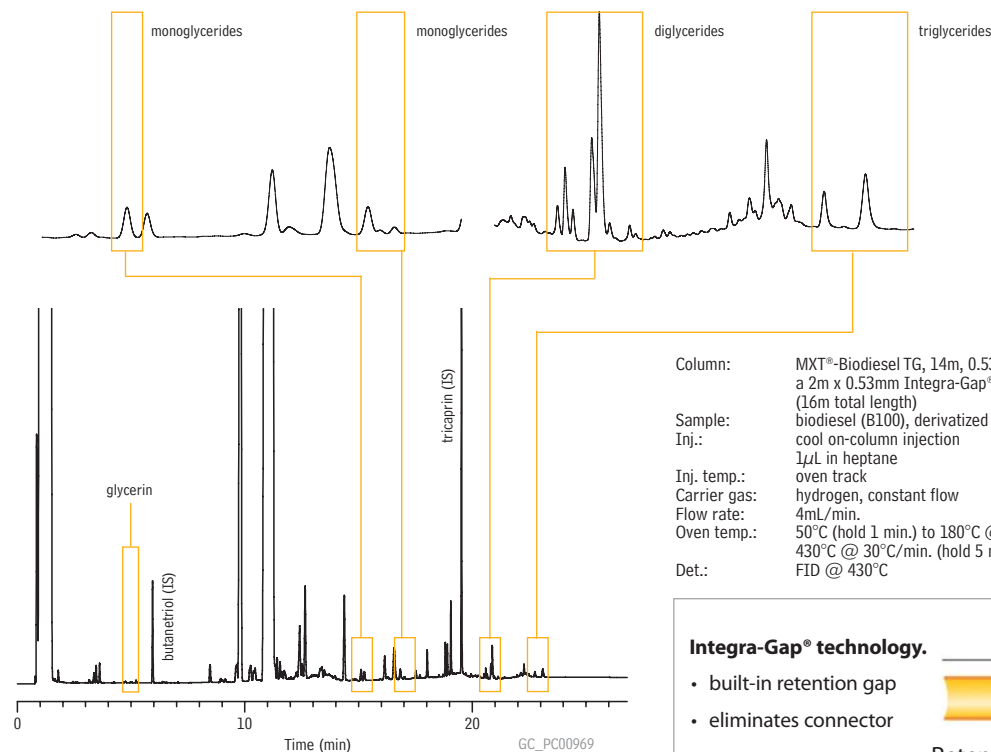


Total Glycerin in Biodiesel

MXT®-Biodiesel TG

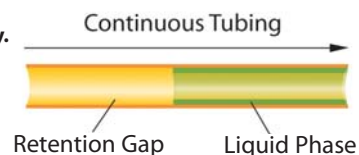


**The best solution
for analyzing total
glycerin in biodiesel!**

Column: MXT®-Biodiesel TG, 14m, 0.53mm ID, 0.16 μ m (cat.# 70289) with a 2m x 0.53mm Integra-Gap® retention gap (16m total length)
 Sample: biodiesel (B100), derivatized
 Inj.: cool on-column injection
 Inj. temp.: oven track
 Carrier gas: hydrogen, constant flow
 Flow rate: 4mL/min.
 Oven temp.: 50°C (hold 1 min.) to 180°C @ 15°C/min. to 230°C @ 7°C/min. to 430°C @ 30°C/min. (hold 5 min.)
 Det.: FID @ 430°C

Integra-Gap® technology.

- built-in retention gap
- eliminates connector

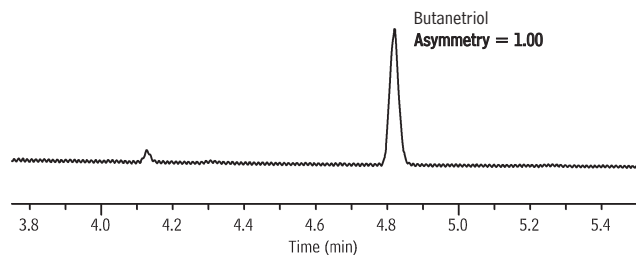


Biodiesel Oil (B100)

Rtx®-Biodiesel TG

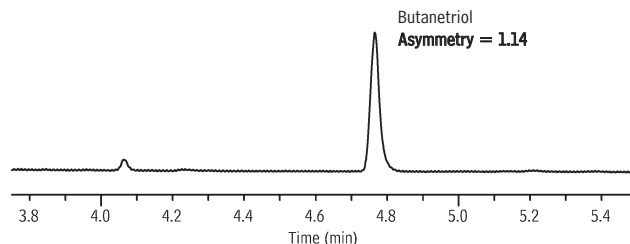
A. Rtx®-Biodiesel TG

with Alumaseal® connector and
2 meters of 0.53mm ID Hydroguard® tubing



B. Rtx®-Biodiesel TG

with Universal Press-Tight® Connector and
2 meters of 0.53mm ID Hydroguard® tubing



GC_PC00905

Columns: A. Rtx®-Biodiesel TG, 10m, 0.32mm ID, 0.10 μ m connected to 2m x 0.53mm Hydroguard® tubing using Alumaseal® connector
 B. Rtx®-Biodiesel TG, 10m, 0.32mm ID, 0.10 μ m connected to 2m x 0.53mm Hydroguard® tubing using Universal Press-Tight® connector
 Sample: biodiesel (B100) with butanetriol at 12.5ppm (12.5ng on-column)
 Inj.: 1 μ L, cool on-column injection
 Inj. temp.: oven track mode
 Carrier gas: hydrogen, constant flow 4cc/min.
 Linear velocity: 79cm/sec.
 Oven temp.: 50°C (hold 1min.) to 180°C @ 15°C/min. to 230°C @ 7°C/min. to 380°C @ 30°C/min. (hold 5 min.)
 Det.: FID @ 380°C