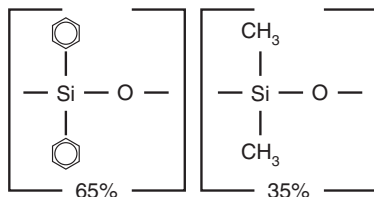




Rtx®-65TG Structure

save **money!**

Get six columns for the price of five.

Call 800-356-1688, ext. 4, or your Restek representative for details!

crossbond® **technology**

reduces bleed, prolongs column lifetime, and allows rejuvenation through solvent rinsing.

please **note**

Triglycerides are often injected via on-column injection. Use 0.53 mm retention gaps and appropriate connectors.

- Vu2 Union® (see page 289)
- MXT®-Union Connector Kits for Fused Silica (see page 292)

Triglycerides in Foods Analysis

Rtx®-65TG Columns (fused silica)

(high polarity phase; Crossbond® 65% diphenyl/35% dimethyl polysiloxane)

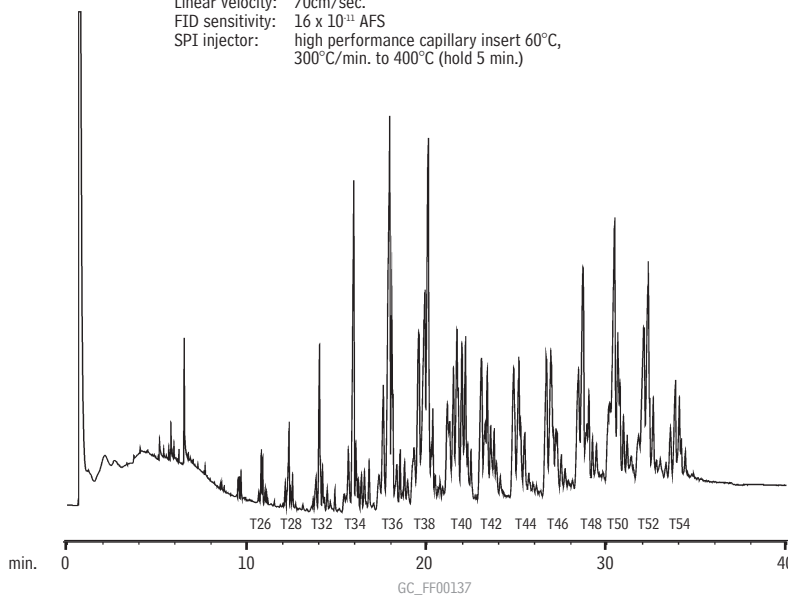
- Application-specific columns, specially tested for triglycerides.
- Stable to 370 °C.

The Rtx®-65TG phase resolves triglycerides by degree of unsaturation as well as by carbon number. Because of the chemistry required to achieve 370 °C thermal stability, an Rtx®-65TG column should not be used for the analyses of polar compounds.

ID	df	temp. limits	15-Meter	30-Meter
0.25mm	0.10µm	40 to 370°C	17005	17008
0.32mm	0.10µm	40 to 370°C	17006	17009
0.53mm	0.10µm	40 to 370°C	17007	17010

Sharp resolution of butter triglycerides on an Rtx®-65TG column.

Column: Rtx®-65TG, 30m, 0.25mm ID, 0.10µm (cat.# 17008)
 Sample: 0.2µL cold on-column injection of 1% butterfat in isooctane
 Oven temp.: 80°C (hold 1 min.) to 240°C @ 30°C/min. to 360°C @ 4°C/min. (hold 5 min.)
 Det. temp.: 380°C
 Carrier gas: hydrogen
 Linear velocity: 70cm/sec.
 FID sensitivity: 16 x 10¹¹ AFS
 SPI injector: high performance capillary insert 60°C, 300°C/min. to 400°C (hold 5 min.)



Solutions For Your Foods, Flavors & Fragrances Analyses

Improved best-in-class GC columns • Standards • Industry experts at your service.

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