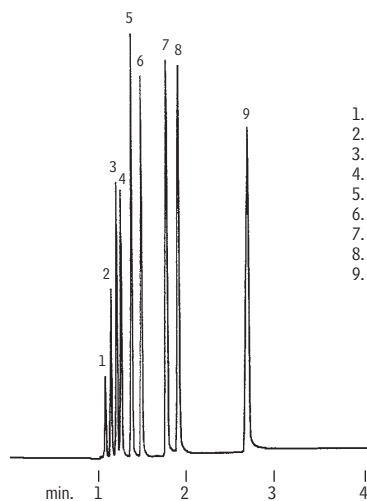


Fatty Acids (Free)

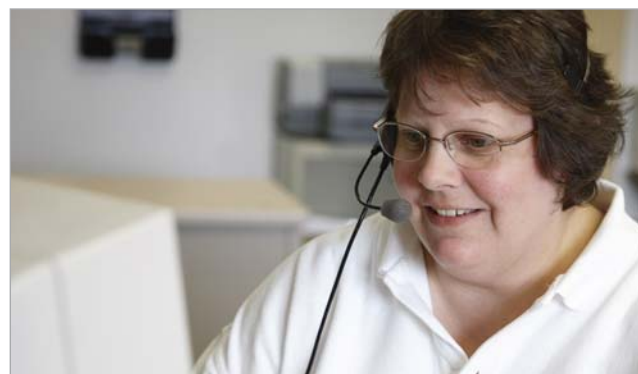
Rtx®-200

No derivatization
needed!

GC_CH00282

Column: Rtx®-200, 30m, 0.25mm ID, 0.25 μ m (cat.# 15023)
 Sample: 0.8 μ L split injection of a free fatty acid standard
 Conc.: approximately 10 to 20ng/ μ L
 Oven temp.: 90°C
 Inj./det. temp.: 250°C
 Carrier gas: hydrogen
 Linear velocity: 40cm/sec. (flow rate: 1.4cc/min.)
 FID sensitivity: 4 x 10¹¹ AFS
 Split vent: 40cc/min.

1. acetic acid
2. propionic acid
3. isobutyric acid
4. *n*-butyric acid
5. isovaleric acid
6. *n*-valeric acid
7. isocaproic acid
8. caproic acid
9. heptanoic acid



Paula Zuchowski, Customer Service

Restek Customer Service

In the U.S.

Call: 800-356-1688 (ext. 3) or 814-353-1300 (ext. 3)

Monday–Friday 8:00 a.m.–6:00 p.m. ET

Fax: 814-353-1309—24-hours a day

Online: www.restek.com—24-hours a day

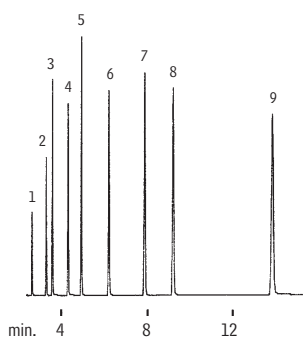
Outside the U.S.

Contact your Restek representative:

Refer to our list on pages 4-5 or visit our website at
www.restek.com

Fatty Acids (Free)

Stabilwax®-DA

No derivatization
needed!

GC_CH00280

Column: Stabilwax®-DA, 30m, 0.25mm ID, 0.25 μ m
 (cat.# 11023)
 Sample: 1.0 μ L split injection of a free acid standard
 Conc.: approximately 10 to 20ng/ μ L
 Oven temp.: 145°C
 Inj./det. temp.: 250°C
 Carrier gas: hydrogen
 Linear velocity: 40cm/sec.
 FID sensitivity: 2 x 10¹¹ AFS
 Split ratio: 50:1

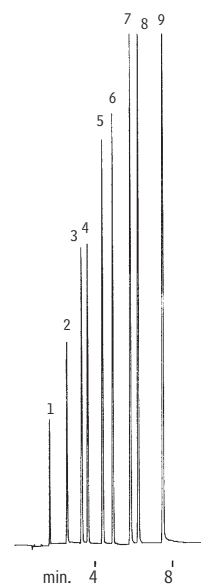
1. acetic acid
2. propionic acid
3. isobutyric acid
4. *n*-butyric acid
5. isovaleric acid
6. *n*-valeric acid
7. isocaproic acid
8. caproic acid
9. heptanoic acid

Fatty Acids (Free)

Rtx®-1

No derivatization
needed!

1. acetic acid
2. propionic acid
3. isobutyric acid
4. *n*-butyric acid
5. isovaleric acid
6. *n*-valeric acid
7. isocaproic acid
8. caproic acid
9. heptanoic acid



GC_CH00281

Column: Rtx®-1, 30m, 0.53mm ID, 5.0 μ m (cat.# 10179)
 Sample: 0.2 μ L injection of a 10–20ng/ μ L free fatty acid
 standard in water.
 Inj.: direct injection using a Uniliner® inlet liner
 Oven temp.: 60°C to 180°C @ 15°C/min.
 Inj./det. temp.: 250°C
 Carrier gas: hydrogen
 Linear velocity: 50cm/sec. (flow rate: 6cc/min.)
 FID sensitivity: 4 x 10¹¹ AFS