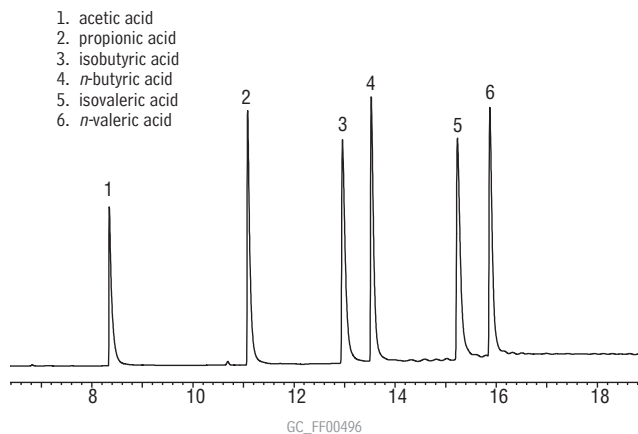


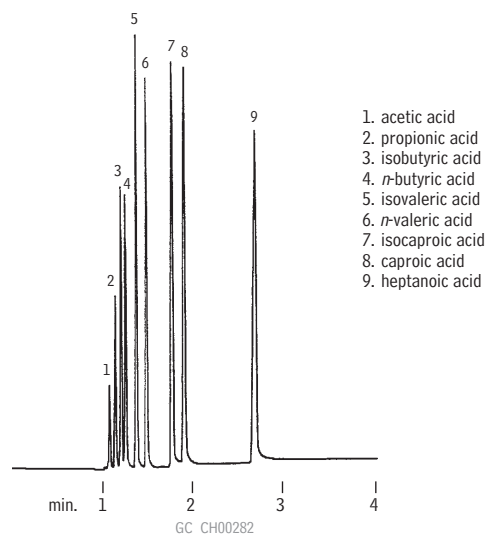
Fatty Acids (Free) Rt™-QPLOT



1. acetic acid
2. propionic acid
3. isobutyric acid
4. *n*-butyric acid
5. isovaleric acid
6. *n*-valeric acid

Column: Rt™-QPLOT, 30m, 0.32mm ID, 10 μ m (cat.# 19718)
 Sample: fatty acids mix
 Conc.: 5% of each compound in water
 Sample size: 0.5 μ L
 Inlet liner: 3mm split w/glass wool (cat.# 20936-202.1)
 Oven temp.: 75°C to 240°C @ 10°C/min. (hold 15 min.)
 Injector: split @ 240°C
 Carrier gas: hydrogen (constant pressure mode)
 Head pressure: 12.0psi
 Column flow rate: 1.1cc/min. @ 100°C
 Split ratio: 100:1
 Detector: FID @ 240°C
 Make-up gas flow: 40cc/min.

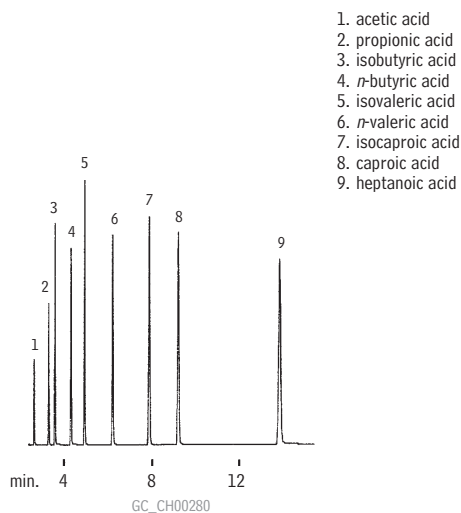
Fatty Acids (Free) Rtx®-200



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

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 10⁻¹¹ AFS
 Split vent: 40cc/min.

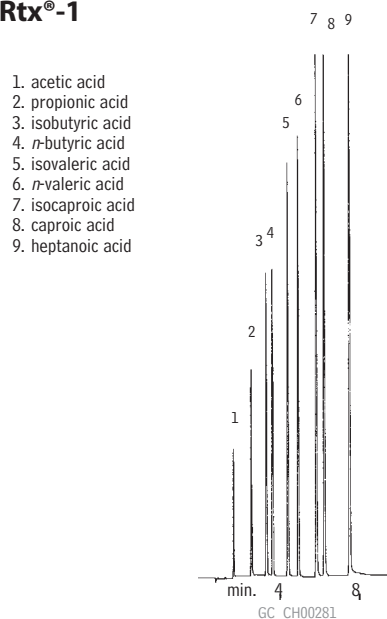
Fatty Acids (Free) Stabilwax®-DA



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

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 10⁻¹¹ AFS
 Split ratio: 50:1

Fatty Acids (Free) Rtx®-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

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 10⁻¹¹ AFS