

HPLC Application

ID No.: 5511

Volatile Fatty Acids

Column: Rezex[™] ROA-Organic Acid H+ (8%), LC Column 300 x 7.8 mm, Ea

Dimensions: 300 x 7.8 mm ID

Order No: 00H-0138-K0

Elution Type: Isocratic

Eluent A: 0.013 N H₂SO₄, pH 3.0

Gradient	Step No.	Time (min)	Pct A
Profile:	1	0	100

Flow Rate: 0.6 mL/min

Col. Temp.: 35 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

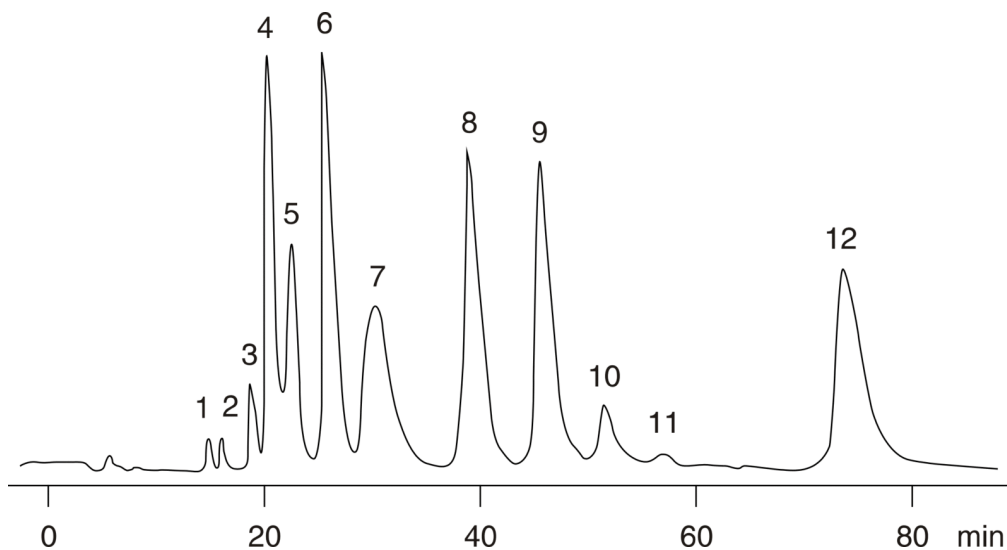
- SecurityGuard Cartridges, Carbo-H 4 x 3.0mm, 10/Pk Part No.: AJ0-4490
- Holder Part No.: KJ0-4282

REZEX[™]
HPLC COLUMNS for Carbohydrates, Oligosaccharides, and Organic Acid Analysis



Products used in this application:

REZEX[™]



Volatile Fatty Acids

ANALYTES:

- 1** Formic acid
- 2** Acetic acid
- 3** Propionic acid
- 4** Isobutyric acid
- 5** n-Butyric acid
- 6** unknown
- 7** Isovaleric acid
- 8** Valeric acid
- 9** Isocaproic acid
- 10** unknown
- 11** unknown
- 12** n-Caproic acid

