

# HPLC Application

ID No.: 14108

## 2-Hydroxyhexanoic acid

**Column:** Chirex® 3126 (D)-penicillamine, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-3126-E0

**Elution Type:** Isocratic

**Eluent A:** 2 mM Copper (II) sulfate in water

**Eluent B:** Isopropanol

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	85	15

**Flow Rate:** 1 mL/min

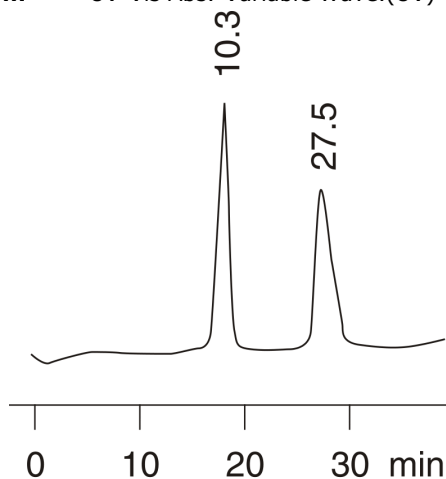
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)



Products used in this application:

**CHIREX**®



$$\alpha = 1.53$$

### ANALYTES:

- 1 2-Hydroxyhexanoic acid

Retention Time: 10.206 min

- 2 2-Hydroxyhexanoic acid

Retention Time: 27.54 min

