

HPLC Application

ID No.: 10764

Coenzyme A

Column: PhenoSphere-NEXT[™] 5 µm C18 120 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4308-E0

Elution Type: Gradient

Eluent A: Methanol/10 mM potassium phosphate, pH 6.5 (0:100)

Eluent B: Methanol/10 mM potassium phosphate, pH 6.5 (40:60)

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|--------------------------|-----------------|-------------------|--------------|--------------|
| | 1 | 0 | 70 | 30 |
| | 2 | 10 | 20 | 80 |
| | 3 | 15 | 20 | 80 |

Flow Rate: 0.8 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)

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

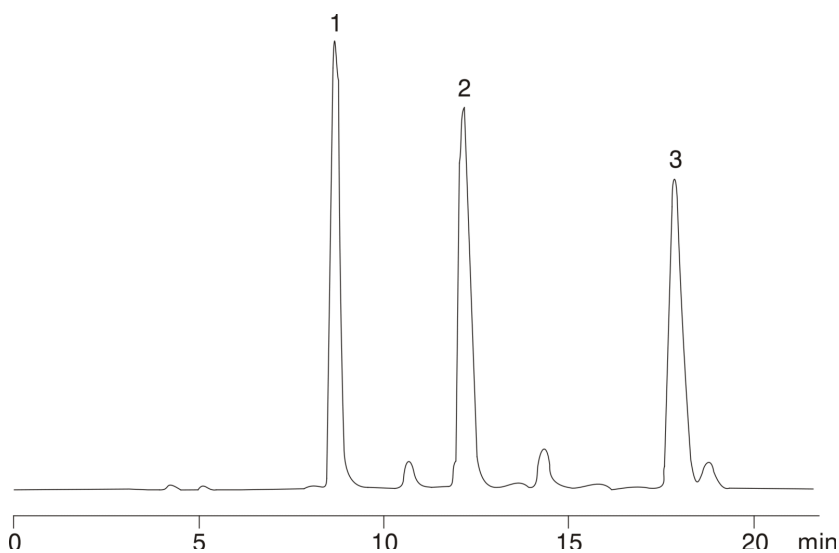
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

PhenoSphere[™]



ANALYTES:

- 1 Coenzyme A
- 2 (R)-3-Hydroxybutyryl-coenzyme A
- 3 Crotonyl-coenzyme A

