

HPLC Application

ID No.: 14689

Steroids on HyperClone 5u C8

Column: HyperClone[™] 5 µm MOS (C8) 120 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4359-E0

Elution Type: Isocratic

Eluent A: 0.1% H₃PO₄

Eluent B: MeOH

Eluent C: CH₃CN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B | Pct C |
|-------------------|----------|------------|-------|-------|-------|
| | 1 | 0 | 54 | 11 | 35 |

Flow Rate: 1 mL/min

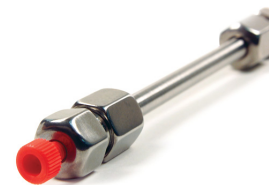
Col. Temp.: ambient

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

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

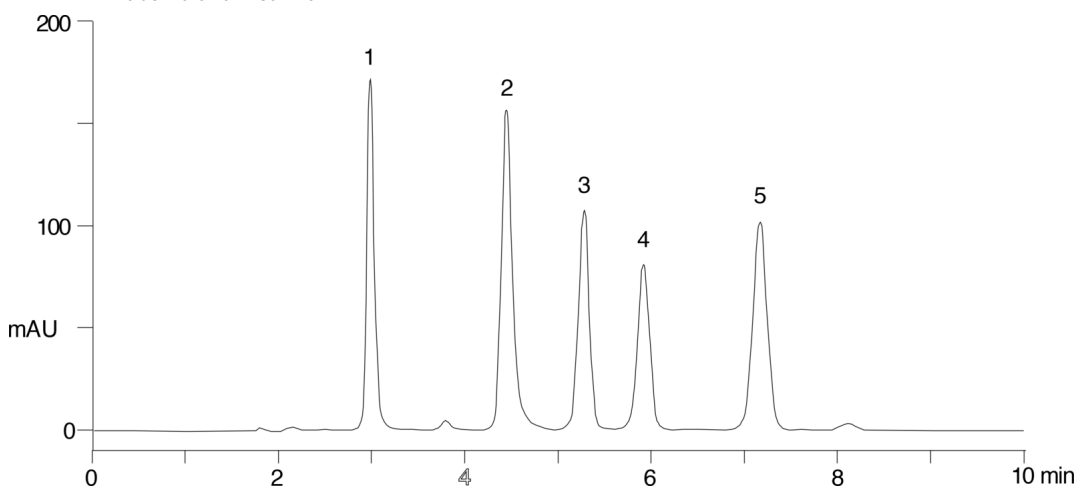
- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282



Products used in this application:

HyperClone[™]



ANALYTES:

- 1 Hydrocortisone
- 2 Corticosterone
- 3 11-alpha-Hydroxyprogesterone
- 4 Cortisone acetate
- 5 11-Ketoprogesterone

