

HPLC Application

ID No.: 18508

Steroids on Luna 3 μ m PFP(2) 50 x 2mm ID (in acetonitrile)

Column: Luna[®] 3 μ m PFP(2) 100 Å, LC Column 50 x 2 mm, Ea

Dimensions: 50 x 2 mm ID

Order No: 00B-4447-B0

Elution Type: Gradient

Eluent A: Water

Eluent B: CH₃CN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 80 | 20 |
| | 2 | 10 | 50 | 50 |
| | 3 | 10.1 | 80 | 20 |
| | 4 | 12 | 80 | 20 |

Flow Rate: 0.8 mL/min

Col. Temp.: 25 °C

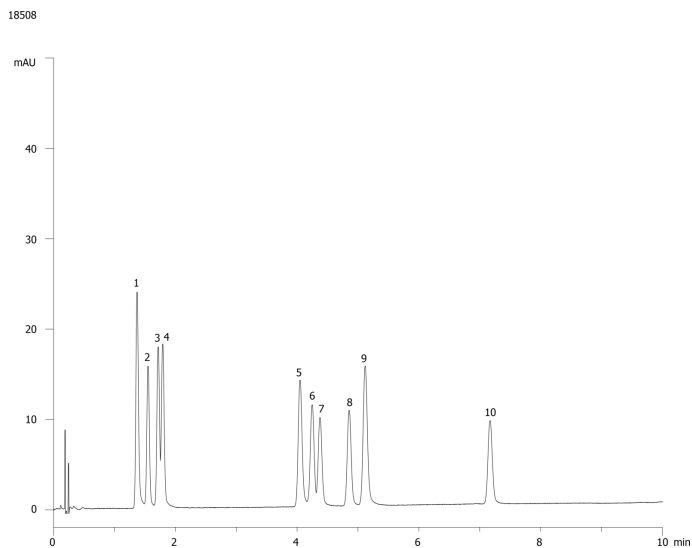
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (25 °C)

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

- SecurityGuard Cartridges, PFP 4 x 2.0mm ID, 10/Pk Part No.: AJ0-8326
- Holder Part No.: KJ0-4282



Products used in this application:



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ANALYTES:

- 1 Estriol
- 2 Hydrocortisone
- 3 Prednisone
- 4 Cortisone
- 5 Estradiol
- 6 Cortisone acetate
- 7 21-Hydroxyprogesterone
- 8 17-Hydroxyprogesterone
- 9 Estrone
- 10 Deoxycorticosterone

