

# HPLC Application

ID No.: 18508

## Steroids on Luna 3 $\mu$ m PFP(2) 50 x 2mm ID (in acetonitrile)

**Column:** Luna<sup>®</sup> 3  $\mu$ 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:** CH<sub>3</sub>CN

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

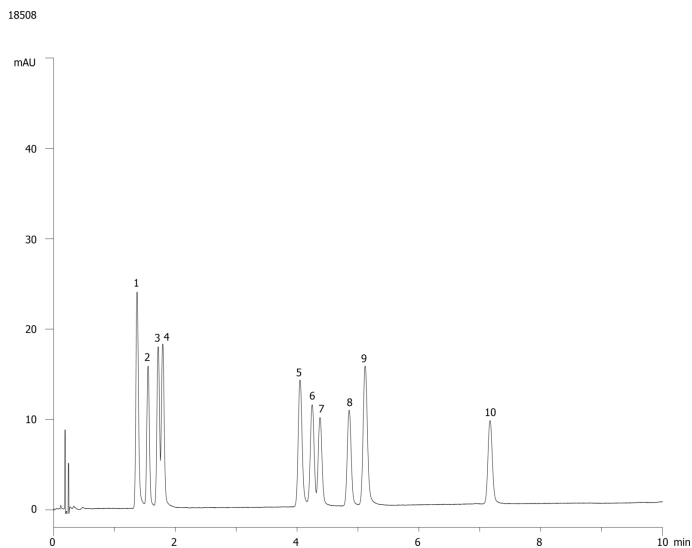
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (25 °C)

**Analyst Note:** SecurityGuard<sup>™</sup> 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

