

# HPLC Application

ID No.: 15648

## Steroids on Onyx C18 (3 columns coupled)

**Column:** Onyx<sup>™</sup> Monolithic C18, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** CH0-7643

**Elution Type:** Gradient

**Eluent A:** Water

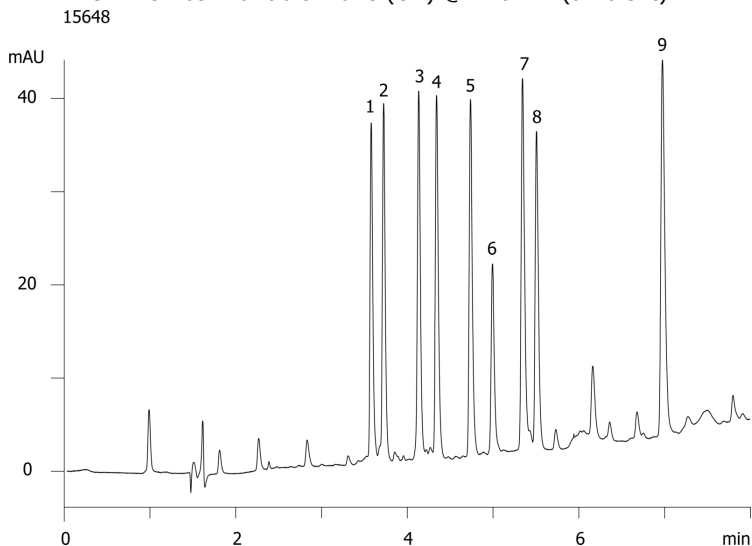
**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	7	10	90

**Flow Rate:** 3 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)



### ANALYTES:

- 1** Prednisolone  
Retention Time: 3.579 min
- 2** Cortisone  
Retention Time: 3.723 min
- 3** Betamethasone  
Retention Time: 4.132 min
- 4** Corticosterone  
Retention Time: 4.341 min
- 5** 11-Hydroxyprogesterone  
Retention Time: 4.736 min
- 6** Estradiol  
Retention Time: 4.992 min
- 7** 11-Ketoprogesterone  
Retention Time: 5.343 min
- 8** Estrone  
Retention Time: 5.505 min
- 9** Progesterone  
Retention Time: 6.974 min



Products used in this application:

