

HPLC Application

ID No.: 26508

Steroid mix on Luna Omega 3 µm C18 150x4.6mm (Batch 2) using Agilent 1260 UHPLC System

Column: Luna® Omega 3 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4784-E0

Elution Type: Gradient

Eluent A: 0.1% Formic Acid in Water

Eluent B: 0.1% Formic Acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	1.5	80	20
	3	16.5	55	45
	4	19.5	55	45
	5	22.5	80	20
	6	25	80	20

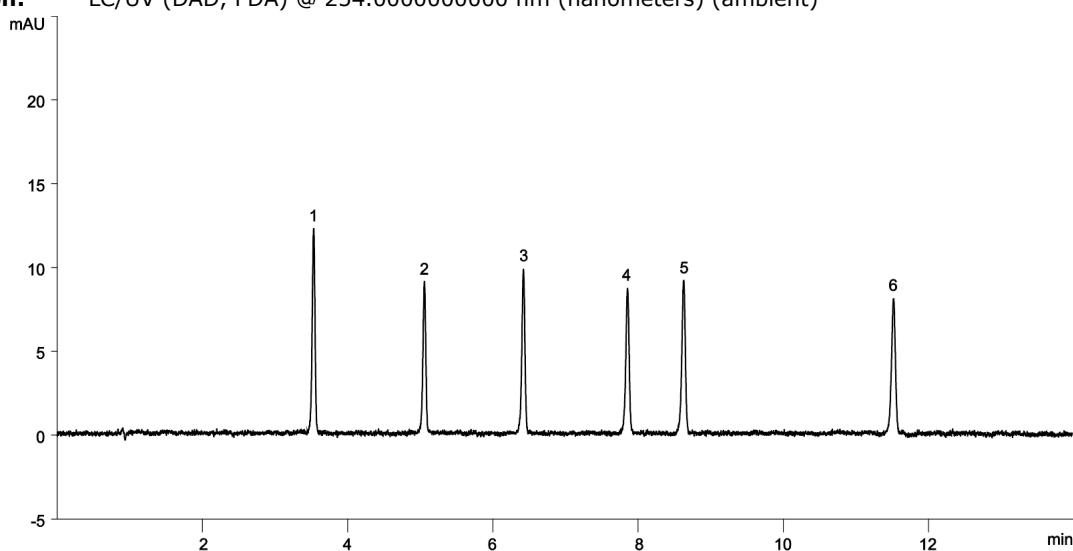
Flow Rate: 2 mL/min

Col. Temp.: 30 °C

Detection: LC/UV (DAD, PDA) @ 254.000000000 nm (nanometers) (ambient)



Products used in this application:



ANALYTES:

- 1** Hydrocortisone
Retention Time: 3.546 min
- 2** Dexamethasone
Retention Time: 5.076 min
- 3** 11-alpha-hydroxyprogesterone
Retention Time: 6.444 min
- 4** 21-hydroxyprogesterone
Retention Time: 7.882 min
- 5** 17-alpha-hydroxyprogesterone
Retention Time: 8.659 min
- 6** Progesterone
Retention Time: 11.557 min

