

# HPLC Application

ID No.: 22169

## Prednisolone/Prednisone Chromatogram\_QCH (1600 ng/mL)

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m Biphenyl 100  $\text{\AA}$ , LC Column 50 x 3.0 mm, Ea

**Dimensions:** 50 x 3 mm ID

**Order No:** 00B-4622-Y0

**Elution Type:** Gradient

**Eluent A:** 10 mM ammonium acetate in water

**Eluent B:** 10 mM ammonium acetate in MeOH

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0.01	60	40
	<b>2</b>	0.5	60	40
	<b>3</b>	2	10	90
	<b>4</b>	3	10	90
	<b>5</b>	3.01	60	40
	<b>6</b>	5	60	40

**Flow Rate:** 0.4 mL/min

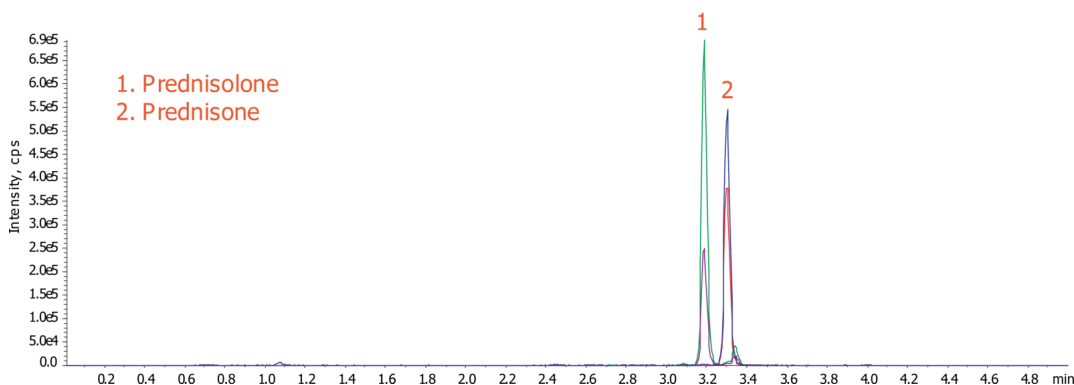
**Col. Temp.:** 40  $^{\circ}$ C

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

22169



Products used in this application:



### ANALYTES:

- 1** Cortisone  
Retention Time: 3.36 min
- 2** Cortisol  
Retention Time: 3.23 min
- 3** Prednisone  
Retention Time: 3.31 min
- 4** Prednisolone  
Retention Time: 3.19 min

