Cortisol in Urine by LC-MS/MS

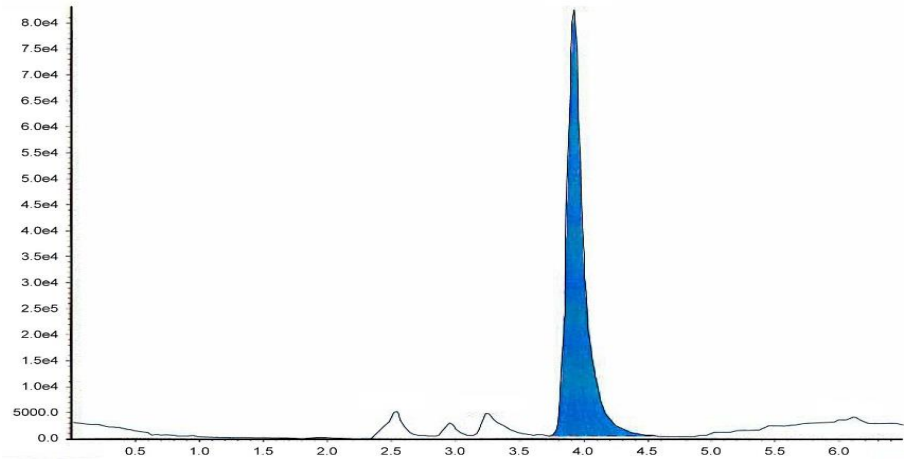
ACE®
Ultra-inert
UHPLC & HPLC Columns

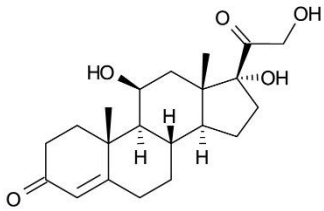
Application #AN2680

Conditions

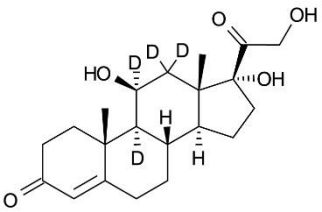
Column:	ACE Excel 2 C18
Dimensions:	100 x 2.1 mm
Part Number:	EXL-101-1002U
Mobile Phase:	4 mM ammonium acetate in H_2O/0.2% (v/v) formic acid in MeOH (71.5:28.5 v/v)
Flow Rate:	0.7 mL/min
Injection:	50 µL
Temperature:	50 °C
Detection:	Applied Biosystems 5000 MS/MS APCI in positive ion mode
Sample:	BioRad Liquichek Urine Quality Control standard (16 nmol/L cortisol)

1



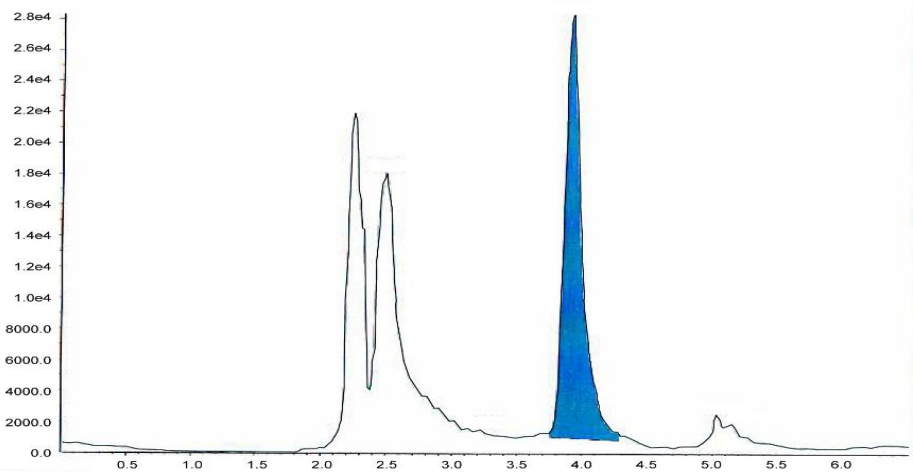


1. Cortisol
(*m/z* 363.5 → 121.3)



2. Cortisol-d4 (IS)
(*m/z* 367.3 → 331.3)

2



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