

# HPLC Application

ID No.: 20767

## Paroxetine impurities using Kinetex 5u C18 250x4.6mm

**Column:** Kinetex<sup>®</sup> 5 $\mu$ m C18 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4601-E0

**Elution Type:** Gradient

**Eluent A:** TFA/Water/THF 5/900/100

**Eluent B:** TFA/Acetonitrile/THF 5/900/100

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	40	20	80

**Flow Rate:** 1.5 mL/min

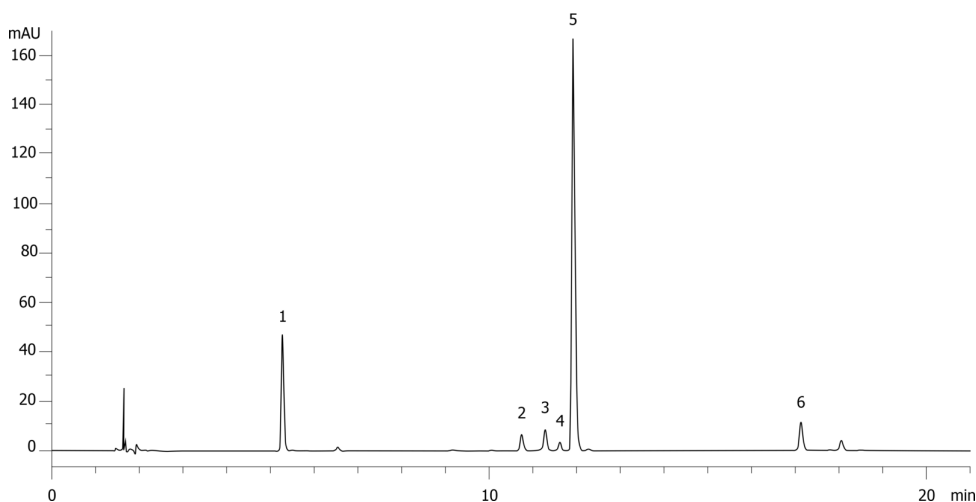
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 295 nm (ambient)

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Products used in this application:



### ANALYTES:

- 1 Impurity A
- 2 Impurity B
- 3 Impurity C
- 4 unidentified
- 5 Paroxetine
- 6 Impurity E

