

# HPLC Application

ID No.: 19310

## TCA's UV Kinetex 1.7 $\mu$ m C18 50x2.1mm Acquity UPLC

**Column:** Kinetex<sup>®</sup> 1.7  $\mu$ m C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4475-AN

**Elution Type:** Gradient

**Eluent A:** Water with 0.05% formic acid

**Eluent B:** Acetonitrile with 0.05% formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	2	60	40
	3	3	5	95
	4	3.1	70	30
	5	4.5	70	30

**Flow Rate:** 0.6 mL/min

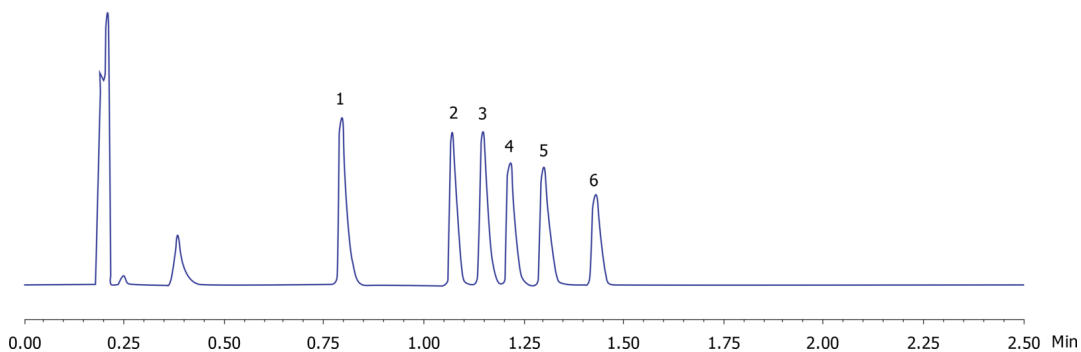
**Col. Temp.:** ambient

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

**Detector Info:** 20Hz  
19310



Products used in this application:



### ANALYTES:

- 1** Doxepin  
Retention Time: 0.79 min
- 2** Desipramine  
Retention Time: 1.07 min
- 3** Imipramine  
Retention Time: 1.15 min
- 4** Nortriptyline  
Retention Time: 1.21 min
- 5** Amitriptyline  
Retention Time: 1.3 min
- 6** Trimipramine  
Retention Time: 1.43 min

