

# HPLC Application

ID No.: 24276

## TCAs on Kinetex 2.6µ Polar C18, 50x2.1mm (100 ng/mL)

**Column:** Kinetex® 2.6 µm Polar C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4759-AN

**Elution Type:** Gradient

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

**Eluent B:** 0.1% formic acid in methanol

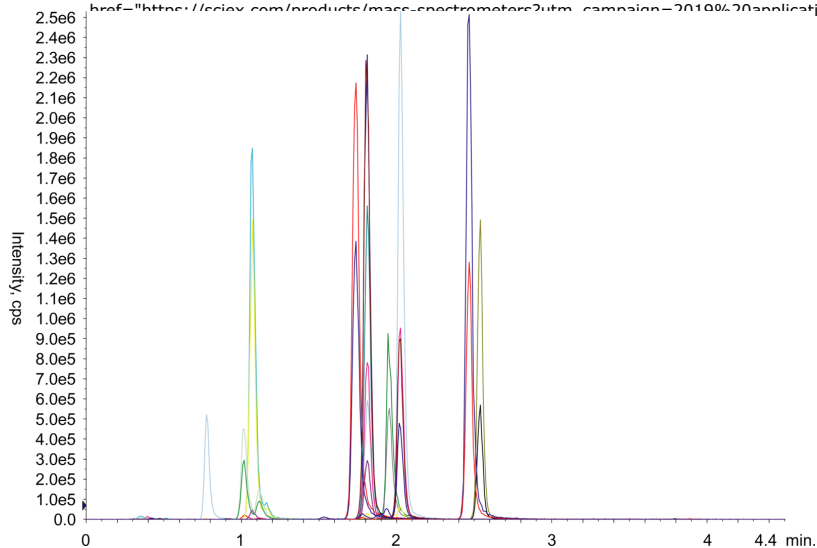
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	55	45
	2	2	35	65
	3	2.5	5	95
	4	3	5	95
	5	3.1	55	45
	6	4.5	55	45

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 40 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (600 °C)

**Detector Info:**



### ANALYTES:

- 1 Nortriptyline**  
Retention Time: 2.03 min
- 2 Protriptyline**  
Retention Time: 1.81 min
- 3 Desmethyldoxepin**  
Retention Time: 1.07 min
- 4 Desipramine**  
Retention Time: 1.81 min
- 5 Amitriptyline**  
Retention Time: 1.95 min
- 6 Doxepin**  
Retention Time: 1.01 min
- 7 Imipramine**  
Retention Time: 1.74 min
- 8 N-Desmethylclomipramine**  
Retention Time: 2.54 min

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Clomipramine

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