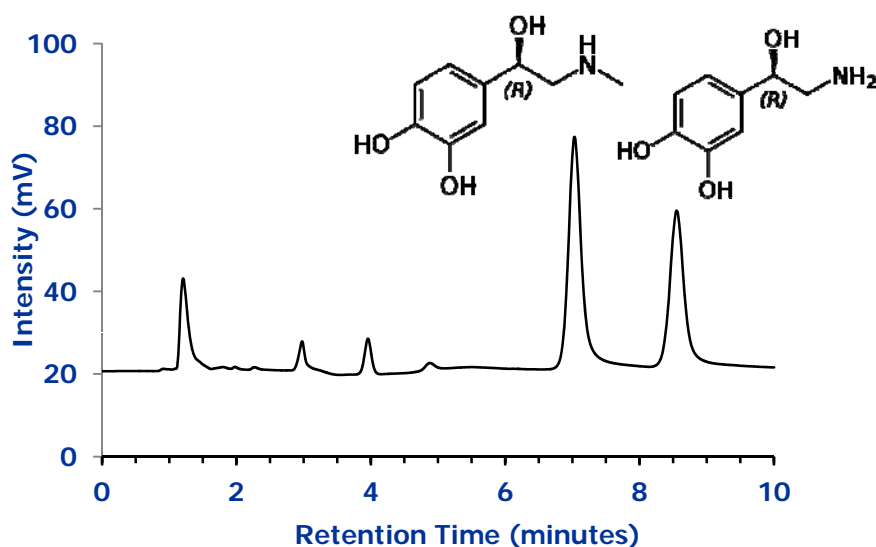


# Separation of Adrenaline and Noradrenaline

## ZIC®-HILIC

### Chromatographic Conditions

Column:	SeQuant® ZIC®-HILIC, 100 x 2.1 mm, 3.5 µm, 100 Å	1.50441.0001
Injection:	2 µL	
Detection:	UV @ 210 nm	
Cell:	Micro-flow cell (2.5 µl)	
Flow Rate:	0.20 mL/min	
Mobile Phase (v/v):	Buffer: 40 mM ammonium acetate in water, pH 6.8 Mix acetonitrile and buffer by volume 80:20.	
Temperature:	Ambient	
Diluent:	Mobile phase	
Sample:	25 µg/mL (25 ppm) Noradrenaline and 25 µg/mL (25 ppm) Adrenaline	
Pressure Drop:	56 Bar (806 psi)	



### Chromatographic Data

No.	Compound	Time	Tailing Factor	Retention Factor (k')	Resolution
1	void volume	1.0	-	-	-
2	Adrenaline (A)	7.0	1.2	6.0	-
3	Noradrenaline (NA)	8.6	1.2	7.6	4.2