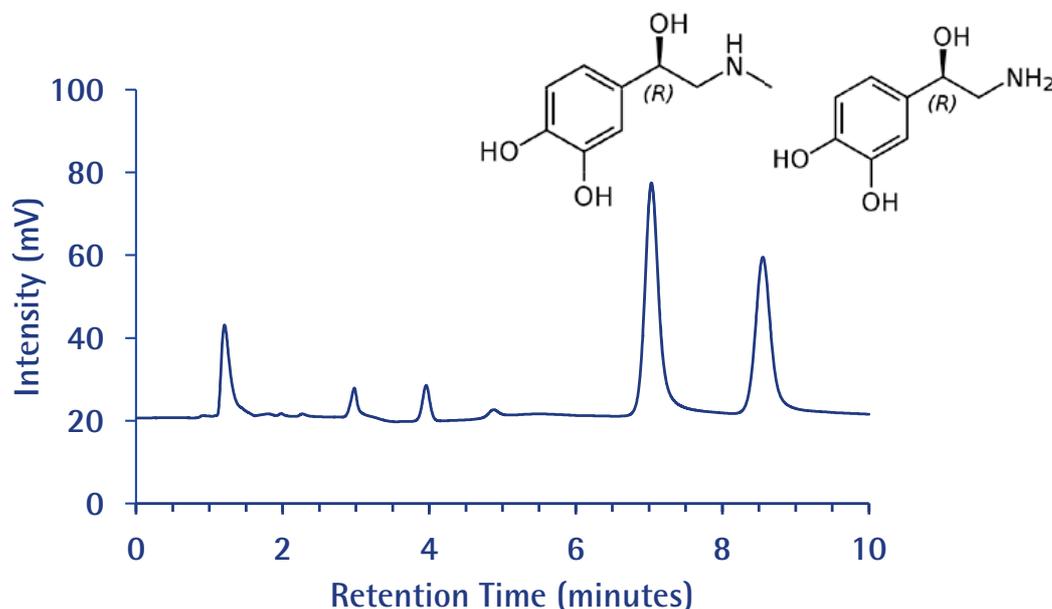


Adrenaline and Noradrenaline

SeQuant® ZIC®-HILIC

Chromatographic Conditions

Column:	SeQuant® ZIC®-HILIC (3.5 µm, 100 Å) 100x2.1 mm	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. Total ionic strength: 8 mM	
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