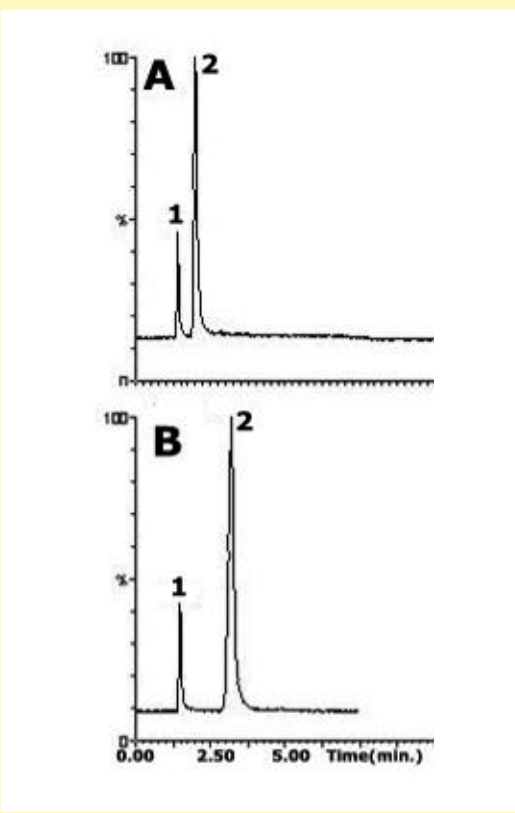
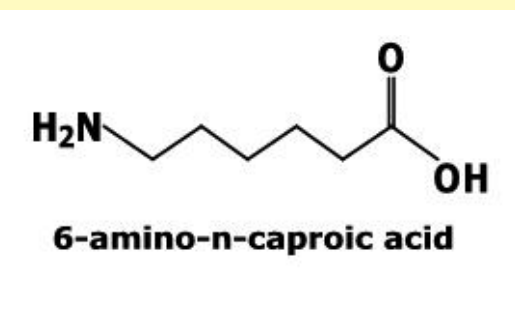


Cogent™
Bidentate C18
 with TYPE-C Silica™



Note: Mobile phase with 0.1% formic acid can be used in the UV detection of 6-amino-n-caproic acid at 206 nm.

Retain Highly Polar Compounds
Analysis of Amino-Caproic Acid
by a Simple LC-MS Method

Method Conditions

- Column:** Cogent Bidentate C18, 4µm, 100A.
Catalog No.: 40018-75P
Dimensions: 4.6 x 75 mm
Mobile phase: A: 70:30 acetonitrile/DI water 0.1% formic acid
 B: 80:20 acetonitrile/DI water 0.1% formic acid
Flow rate: 0.5 mL/minute
Injection Volume: 2 µL
Peaks: 1. Uracil m/z 112
 2. 6-amino-n-caproic acid m/z 132
Detection: Atmospheric Pressure Chemical Ionization in positive mode:APCI+. Single Ion Monitoring

Discussion

6-amino-n-caproic acid is an active pharmaceutical ingredient used in massive thrombolysis and proteolysis secondary to metastatic carcinoma of the prostate. It is also a potent in vitro inhibitor of fibrinolysis. After oral administration 6-amino-n-caproic acid enhances the uptake of labeled fibrinogen in both the Walker and Murphy tumors. The drug is also used in treatment of ulcers and many other diseases. Chromatograms presented (A and B) show the retention of this basic molecule using a simple isocratic LC-MS method and a Cogent Bidentate C18 column under Aqueous Normal Phase conditions. Observe that when the concentration of acetonitrile increases the retention of 6-amino-n-caproic acid also increases.

For more information visit www.MTC-USA.com

Cat. No.	Description
40018-75P	Cogent Bidentate C18 HPLC Column, 100Å, 4mm, 4.6 x 75 mm, Standard End Fittings.



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