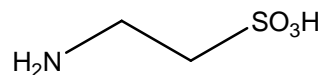


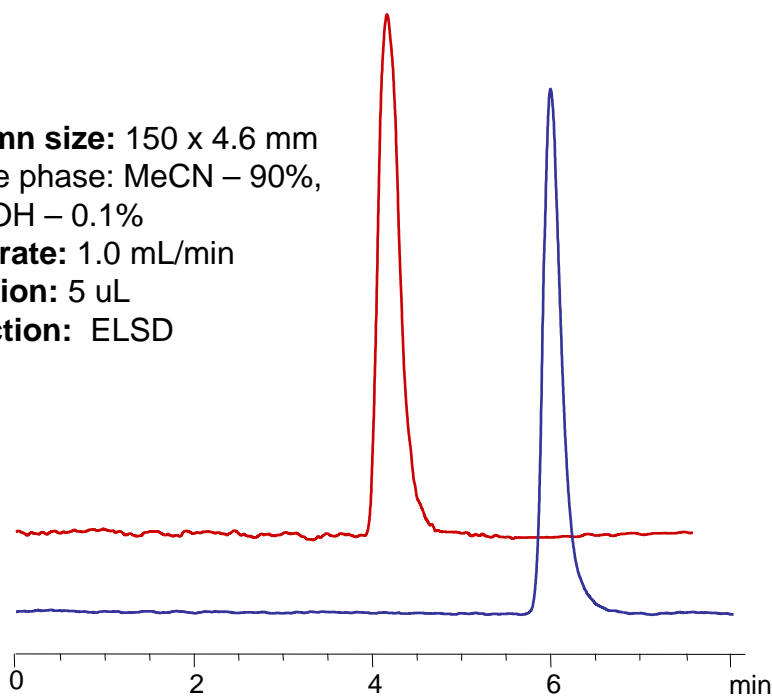
Taurine is zwitterionic molecule which posses no charge to be retained by ion-exchange mechanism. The molecule is very polar and can not be retained by reverse phase mechanism either. The only retention possible is polar-polar interaction. To obtain this type of interaction the high concentration of MeCN in the mobile phase requires. Any Primesep column offers this type of interaction, but specific selectivity and small difference in retention typically observed as result of difference in structure of polar group of Primesep columns.

It is important to remember that sample diluent should be as close to the mobile phase as possible. Typical sample preparation includes dissolution of the sample in small water amount following dilution with MeCN to desirable concentration.

Taurine (2-aminoethanesulfonic acid)



Column size: 150 x 4.6 mm
Mobile phase: MeCN – 90%,
 HCOOH – 0.1%
Flow rate: 1.0 mL/min
Injection: 5 uL
Detection: ELSD



Column:
Primesep A

Column:
Primesep D