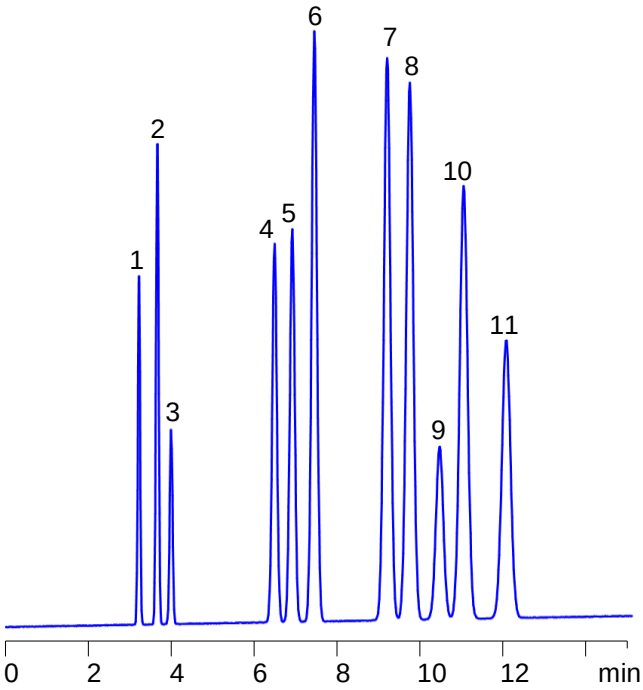
Take Control of Your HILIC Separations with Amaze TCH. HPLC Separation of Nucleobases and Nucleotides.



1. Thymine
2. Uracil
3. Thymidine
4. Uridine
5. Adenine
6. Adenosine
7. Cytosine
8. Inosine
9. Guanine
10. Cytidine
11. Guanosine

Column:	Amaze TCH
Dimensions:	4.6 x 150 mm, 3.0 um, 100A
Method:	ACN from 92% to 70% in 15 min, 10 mM AmAc pH 5
Detection:	255 nm
Sample:	0.2-0.5 mg/ml
Injection:	2 uL

Application Notes

We are developing a new surface modification strategy with an emphasis on mixed-mode interaction. Amaze TCH is HILIC/cation- and anion-exchange column like no other column on the market. Retention time and selectivity is controlled by the amount of ACN, buffer pH, and buffer concentration. The pH of the mobile phase can be used as a very effective tool to control the ionization state of the stationary phase and ionizable analytes. Both cation- and anion-exchange interactions on the surface can significantly affect your separation at various pH. Unique selectivity along with the ability to separate and elute polar compounds with mobile phases with low buffer concentrations make this column a "Must Have Tool" for your HPLC research and development needs. See more at www.helixchrom.com