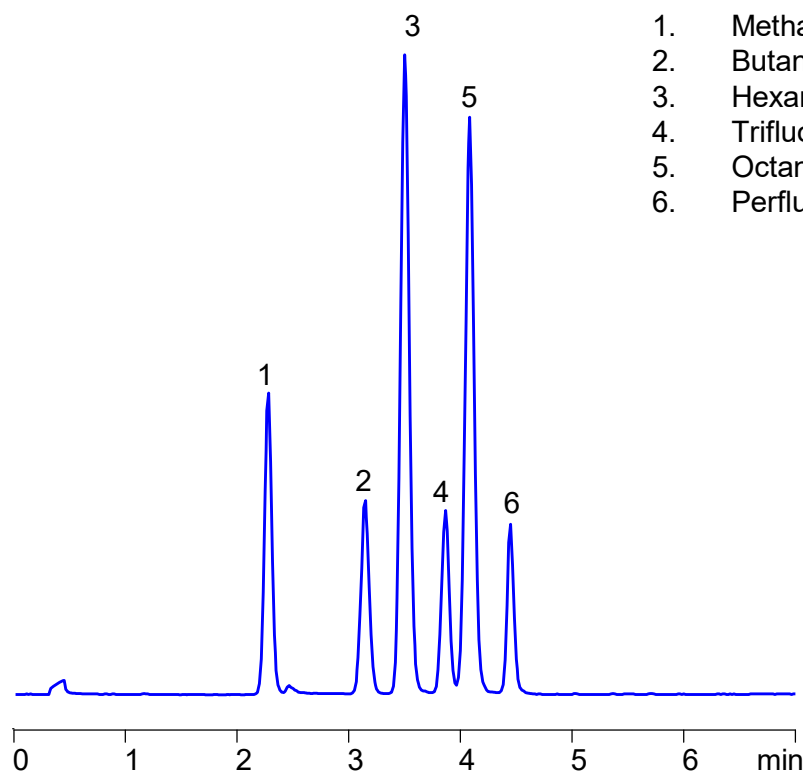


## HPLC Analysis of Alkylsulfonic and Fluorinated Alkylsulfonic Acids on Amaze HA Mixed-Mode Column



1. Methanesulfonic acid
2. Butanesulfonic acid
3. Hexanesulfonic acid
4. Trifluoromethanesulfonic acid
5. Octanesulfonic acid
6. Perfluorobutanesulfonic acid

**Column:** Amaze HA  
**Dimensions:** 3.0 x 50 mm, 3 um, 100A  
**Mobile phase:** ACN from 55% to 85% in 4 min, 2 min hold, 20 mM AmFm pH 3  
**Flow rate:** 0.6 ml/min  
**Detection:** ELSD, 40°C

### Gradient table

**A:** Water. **B:** Acetonitrile, **C:** 200 mM ammonium formate pH 3

Time	A, %	B, %	C, %
0.00	35	55	10
4.00	5	85	10
6.00	5	85	10
6.01	35	55	10
<b>Total run time 10 minutes</b>			