

Supplementary Material

Table S1: Equivalent analytes final mass concentrations in the single point calibration standards

Gemini surfactant	Calibration standard final mass concentration	
	Methods A's ($\mu\text{g/mL}$)	Methods B's (ng/mL)
16-7N(G-K)-16	3.86	580.34
16-7N(G-C ₆ -K ₃)-16	2.81	422.90
16-7N(G-C ₁₁ -K ₃)-16	5.91	887.87
16-7N(G-K _{d4})-16	1.94	388.47
16-7N(G-C ₆ -K _{d4} -K ₂)-16	1.4137	282.73
16-7N(G-C ₁₁ -K _{d4} -K ₂)-16	2.9676	593.52

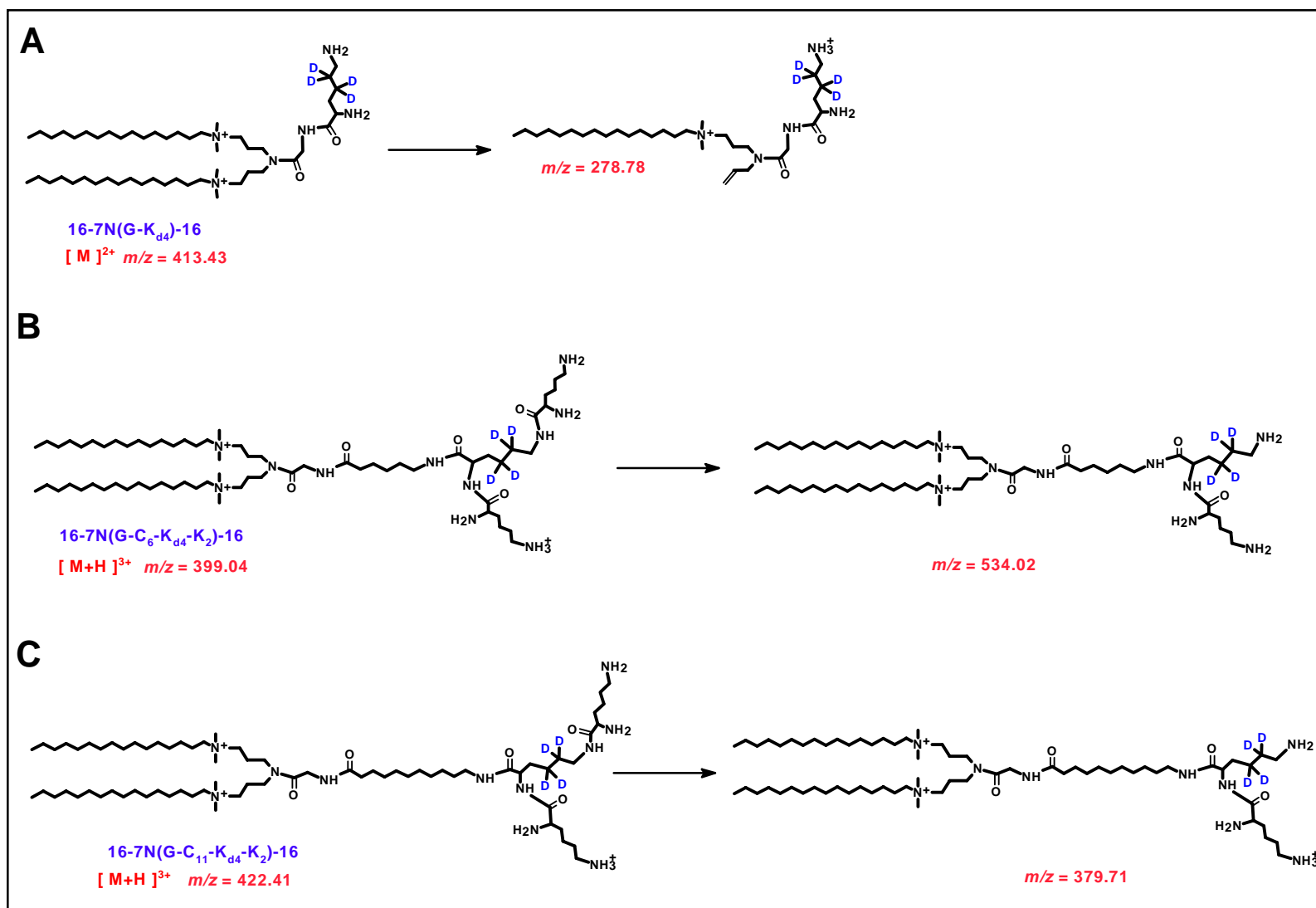


Figure S1: Chemical structure of the internal standards' precursor ion and the monitored product ion of 16-7N(G-K_{d4})-16 (A), 16-7N(G-C₆-K_{d4}-K₃)-16 (B) and 16-7N(G-C₁₁-K_{d4}-K₃)-16.