

Supplementary Information

Table: Gradients and intercepts for the calibration curves appearing in Figures 3 and 4 of the main publication.

Composition	Gradient	Intercept
ln (I(Ethanol)/I(Methanol)) calibration - varying methanol concentration (Figure 3a)		
8 % v/v Ethanol	-0.370 ± 0.044	4.97 ± 0.80
11 % v/v Ethanol	-0.317 ± 0.010	5.87 ± 0.20
14 % v/v Ethanol	-0.309 ± 0.016	7.31 ± 0.29
ln (I(Ethanol)/I(Methanol)) calibration - varying ethanol concentration (Figure 3b)		
14 % v/v Methanol	0.571 ± 0.007	-4.954 ± 0.068
18 % v/v Methanol	0.642 ± 0.042	-6.89 ± 0.47
22 % v/v Methanol	0.664 ± 0.012	-8.30 ± 0.12
ln (I(Methanol)/I(Water)) calibration - varying methanol concentration (Figure 4a)		
8 % v/v Ethanol	1.01 ± 0.15	-18.4 ± 2.7
11 % v/v Ethanol	0.971 ± 0.024	-16.14 ± 0.47
14 % v/v Ethanol	0.81 ± 0.11	-12.0 ± 2.1
ln (I(Ethanol)/I(Water)) calibration - varying ethanol concentration (Figure 4b)		
14 % v/v Methanol	1.42 ± 0.15	-16.6 ± 1.6
18 % v/v Methanol	1.315 ± 0.025	-14.40 ± 0.32
22 % v/v Methanol	1.275 ± 0.082	-11.30 ± 0.92