

Supplementary Material

Single-Step Hydrolysis and Derivatization of Homocysteine Thiolactone Using Zone Fluidics: Simultaneous Analysis of Mixtures with Homocysteine Following Separation by Fluorosurfactant-Modified Gold Nanoparticles

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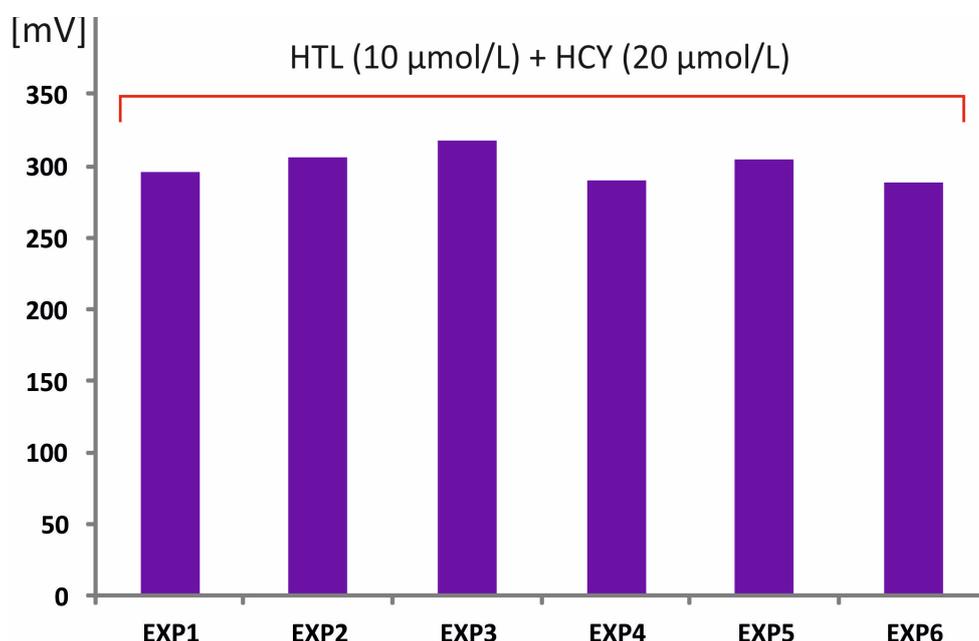


Figure S1. Repeatability of the removal of Homocysteine in the presence of Homocysteine thiolactone (six independent experiments, EXP1-EXP6).

Table S1. Composition of the artificial urine matrix.

Species	Amount concentration (mmol L⁻¹)
Lactic acid	1.1
Citric acid	2.0
Sodium bicarbonate	25
Urea	170
Calcium chloride	2.5
Sodium chloride	90
Magnesium sulfate	2.0
Sodium sulfate	10
Potassium hydrogen phosphate	7.0
di-Potassium hydrogen phosphate	7.0
Ammonium chloride	25