

Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

A novel toolbox for *E. coli* lysis monitoring

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Table S1 Overview of process parameters to intentionally trigger cell lysis

Experiment ID	Changed parameter	Mode of change	Detail
Run1	-	-	pH constant at 7.2
Run2	pH	Ramp	pH 7.2-5.7 in 24h
Run3			pH 7.2-8.7 in 24h

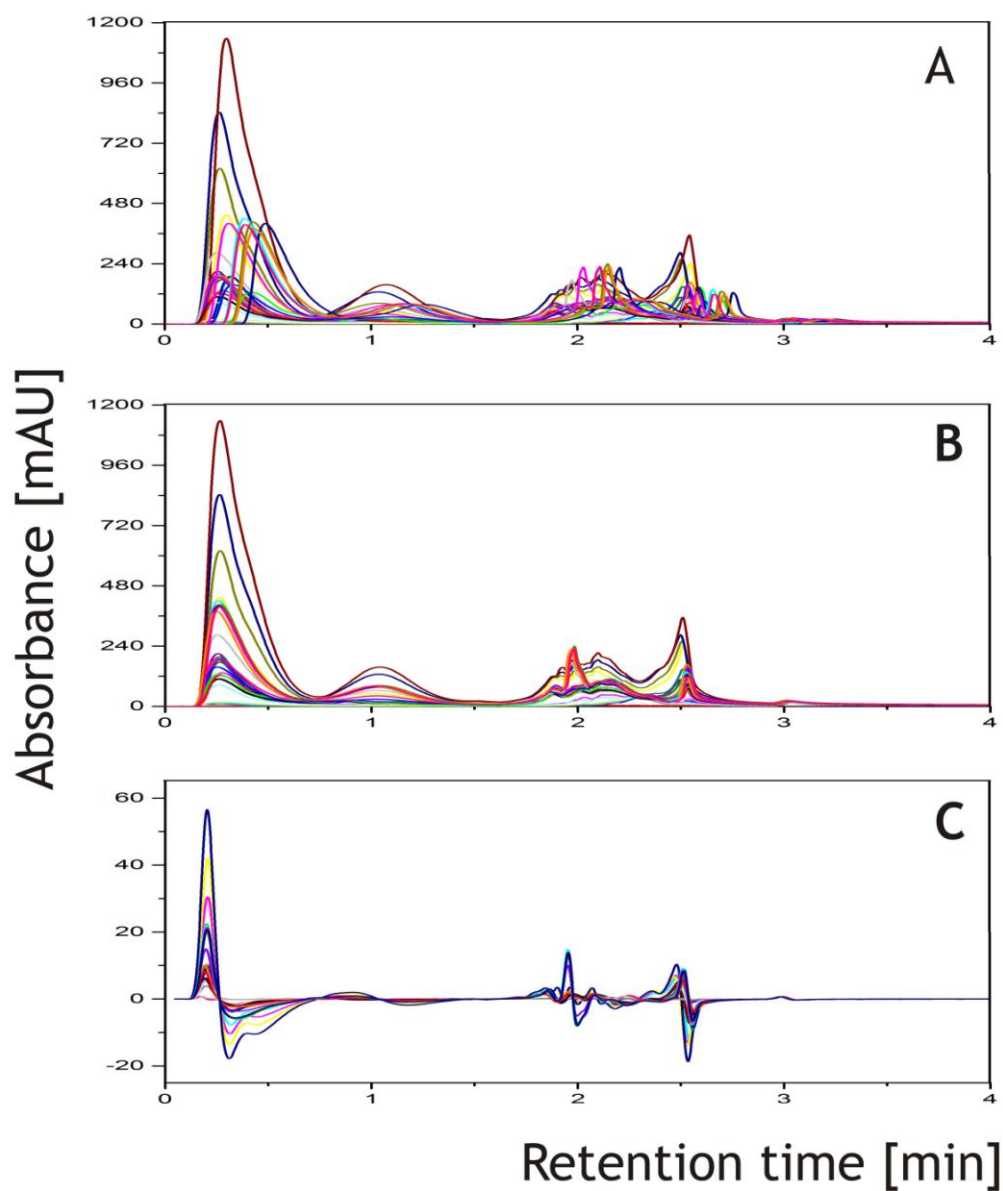


Fig. S1 Preprocessing of UV chromatographic data at 260 nm for chromatogram fingerprinting; 2A, chromatographic raw data from UV detector; 2B, aligned chromatographic data to avoid shifts in retention time; 2C, first order derivative of aligned chromatographic data for baseline correction