

Supplementary Table S1: Gradient elution mobile phases consisted of 0.1% formic acid in water (phase A) and 0.1% formic acid in acetonitrile (phase B).

Time	Phase A, %	Phase B, %
3.0	50	50
10.0	30	70
29.5	27	73
30.0	10	90
35.0	10	90
35.5	50	50
40	50	50