

Table S1 Plate numbers, N, of AS in various t_m , W_b and σ were base line peak width and standard deviation of the peak.

t_m / sec	W_b / mm	σ / mm ^a	Distance / mm	N ^b
6	0.92	0.23	2.1	80
18	1.08	0.27	5.3	380
30	1.08	0.27	8.8	1100
42	1.33	0.33	12.2	1300
54	1.58	0.40	15.5	1500

^a $\sigma = W_b / 4$, ^b $N = (\text{Distance} / \sigma)^2$

Table S2 Plate numbers, N, of DB in various t_m , W_b and σ were base line peak width and standard deviation of the peak.

t_m / sec	W_b / mm	σ / mm ^a	Distance / mm	N ^b
6	0.83	0.21	3	200
18	1.08	0.27	8.1	900
30	1.25	0.31	13.3	1800
42	1.75	0.44	18.6	1800
54	1.92	0.48	23.7	2400

^a $\sigma = W_b / 4$, ^b $N = (\text{Distance} / \sigma)^2$