Table 1 Operational program of the sequential injection system.

Step	Flow-rate (μL/min)	Time (s)	Function
1	0.37	25	Rinsing of extraction channel and recess array by CH_3CN.
2	0.37	25	Displacement of CH_3CN by CPPO octanone solution in extraction channel and recess array.
3	0.18	900	Displacement of CPPO octanone solution by BRB solution in extraction channel. Continuous extraction of BRB from sample solution into CPPO octanone solution trapped in recess array.
4	0	2	Water rinsing of probe tip.
5	0.37	30	Displacement of BRB solution from extraction channel by imidazol solution.
6	0.58	25	Introduction of H_2O_2 acetonitrile solution; mixing of H_2O_2, imidazol, BRB and CPPO in the extraction channel initiating CL reaction.

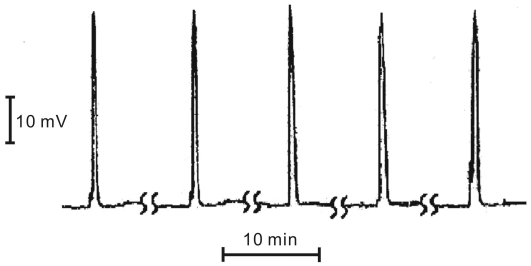

Fig. 3 Typical recordings of repetitively sampling 10^{-7} M BRB aqueous solution to show the repeatability of the system.

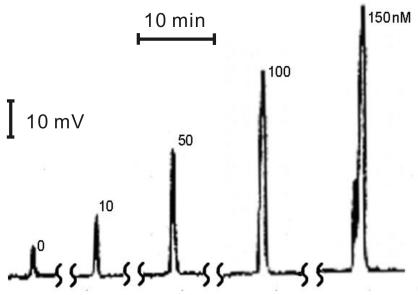

Fig. 4 Typical recordings of sequentially sampling 0, 10, 50, 100, 150 nM BRB aqueous solution to show the linear relationship between signal intensity and BRB concentration.