

Fig. S1 Synthesis scheme of haptin.

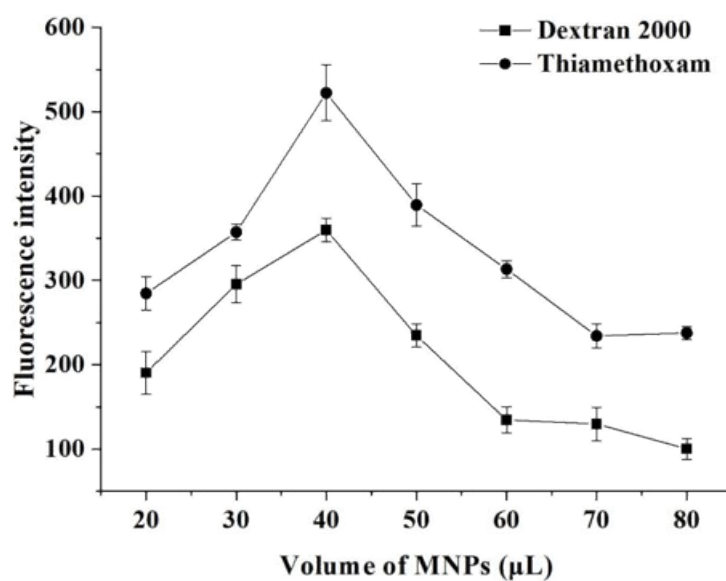


Fig. S2 Effects of different volume of antigen-conjugated MNPs on the multicolor UCFA.

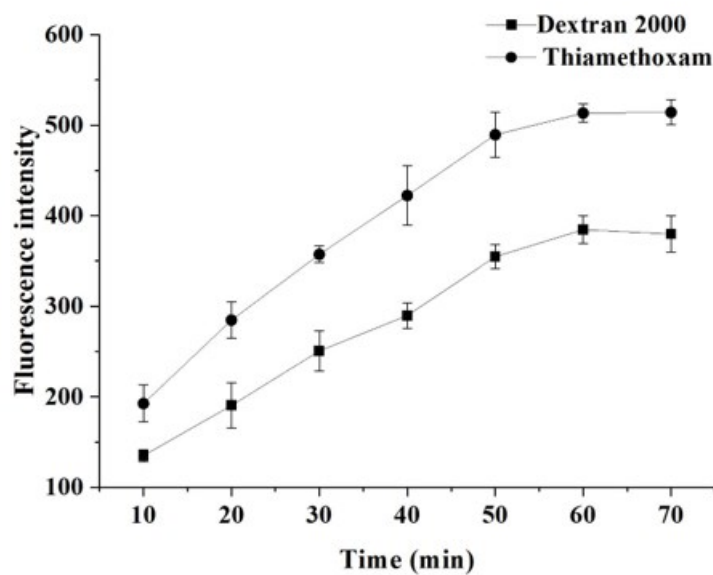


Fig. S3 The effect of different incubation time on the multicolor UCFA.

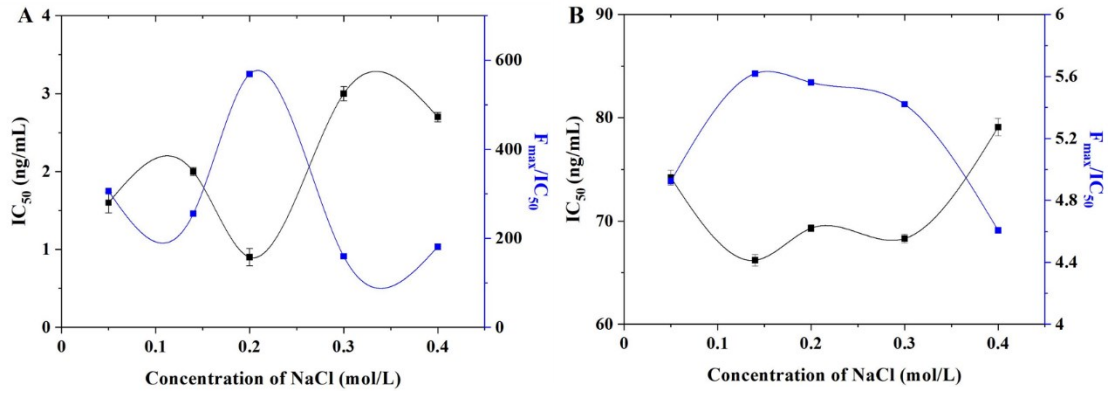


Fig. S4 Effect of concentration of NaCl on the sensitivity of the multicolor UCFIA: (A) thiamethoxam, (B) dextran 2000.

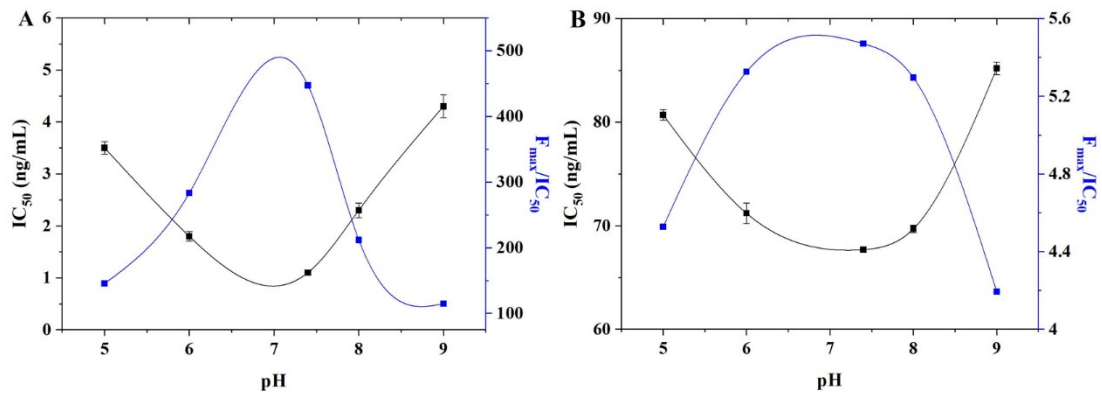


Fig. S5 Effect of pH on the sensitivity of the multicolor UCFIA: (A) thiamethoxam, (B) Dextran 2000.

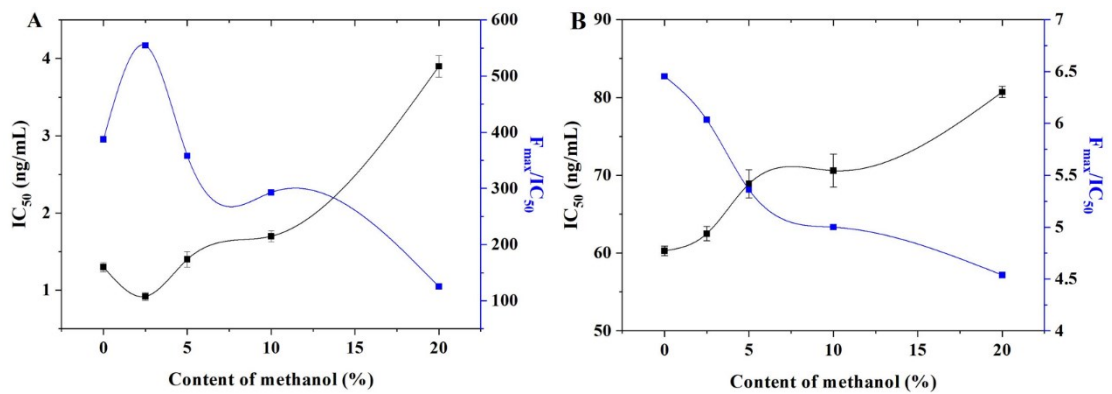


Fig. S6 Effect of methanol content on the sensitivity of the multicolor UCFIA: (A) thiamethoxam, (B) Dextran 2000.