Table S1

Kinetic constants for the pseudo-first-order and pseudo-second-order rate equations.

	Pseudo-first-order			Pseudo-second-order		
	K_1(min^{-1})	Q_m(mg/g)	R^2	K_2(g·mg-1)	Q_m(mg/g)	R^2
MPMIPs	0.02	66.34	0.929	0.00049	30.58	0.346
MPNIPs	0.03	27.31	0.880	0.00050	23.64	0.280

Table S2

Adsorption isotherm constants for Langmuir and Freundlich equations.

	Langmuir			Freundlich		
	K_L(mL/mg)	Q_m(mg/g)	R^2	n	K_F	R^2
MPMIPs	2.94	47.86	0.986	0.53	34.77	0.908
MPNIPs	1.82	22.82	0.977	0.49	13.00	0.973

Table S3

The selectivity parameters of MPMIPs and MPNIPs.

		CGA	CA	FA	CMA
MPMIPs	Q (mg/g)	42.44	17.05	16.79	15.18
	K_d (mL/g)	38.06	14.62	14.39	12.98
	K		2.60	2.64	2.93
MPNIPs	Q (mg/g)	19.42	14.09	14.47	11.69
	K_d (mL/g)	17.42	12.09	12.41	9.99
	K		1.44	1.40	1.74
K'			1.81	1.86	1.53

K_d = binding amount/equilibrium concentration, $K = K_{d\,(\mathrm{CGA})}/K_{d\,(\mathrm{similar\ components})}$,

$K' = K_{MPMIPs}/K_{MPNIPs}$

Fig. S1. Wide-angle XRD patterns of Fe_3O_4@mSiO_2@MIPs (a) and MPMIPs (b).

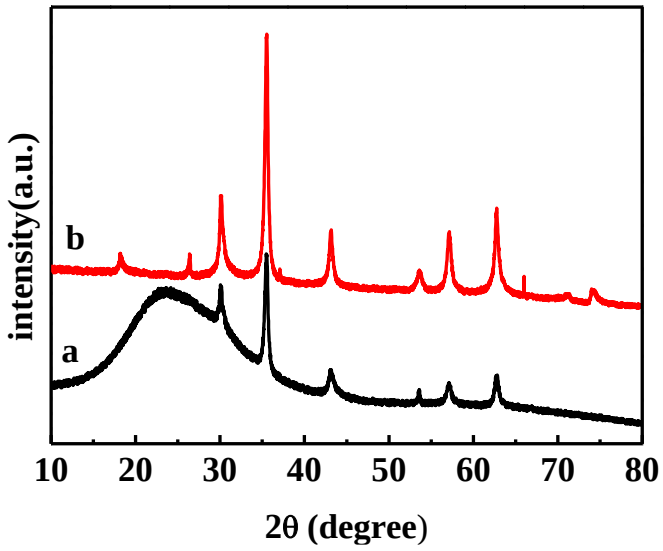

Fig. S2. TGA curve of Fe_3O_4@mSiO_2@MIPs (a), MPMIPs (b).