

Supporting Information

Glutathione Surface Molecularly Imprinted Polymer from CLX1180 via Three Modes Polymerization for Selective Adsorption of Glutathione

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Figure S1. FTIR spectra of (a) LX1180; (b) CLX1180.

Table S1. The TOF analysis of GSH-SMIP.

Figure S2. The polymerism of NMBA under the different condition (The test tube numbers were corresponding Table S2 terms).

Figure S3. The phenomenon of polymerism under GSH, CLX1180 and NMBA at Nitrogen atmosphere and standing for 24 h at 4 °C and (a) not added tempo; (b) added tempo.

Figure S4. The relationship of adsorption capacity (q) and adsorption time (t) of GSH-MIP.

Figure S5. The effect of initial GSH concentration on the adsorption capacity of GSH-MIP.

Figure S6. Retention time of (a) GSH and (b) L-cy; (c) Standard curves of the relationship between peak area and concentration of GSH and L-cy.

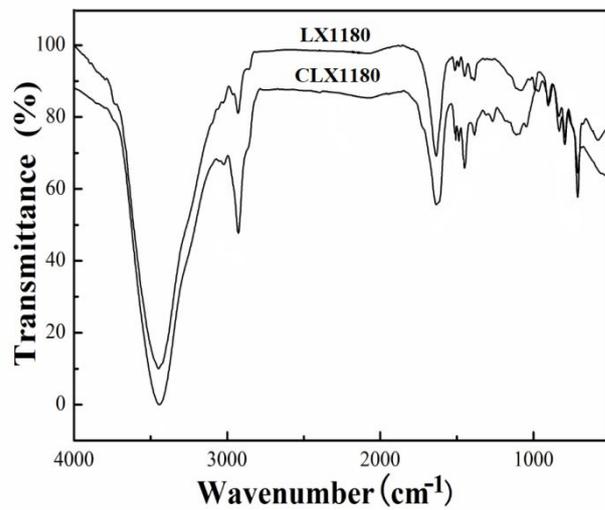
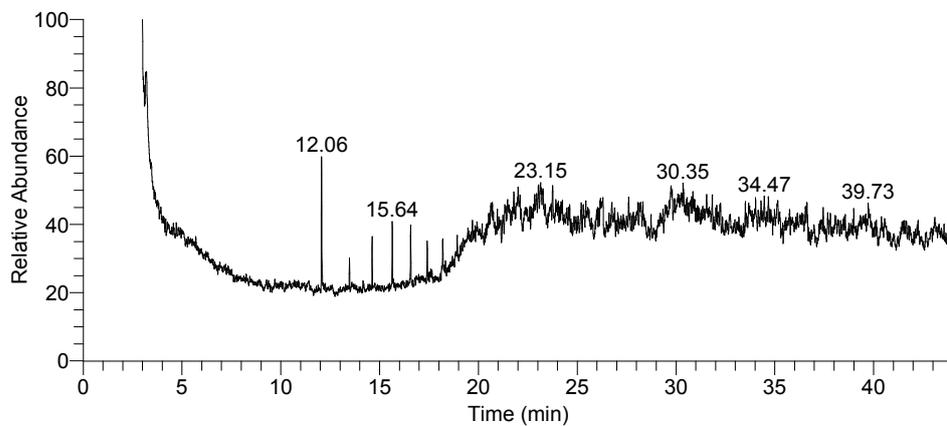


Figure S1. FTIR spectra of (a) LX1180; (b) CLX1180.

Table S1. The TOF analysis of GSH-SMIP.

RT: 0.00 - 44.02 SM: 7G



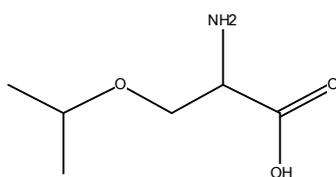
NL:
7.70E5
TIC F: MS
ding150601
-01

Compound Structure

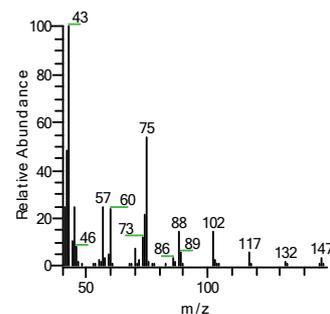
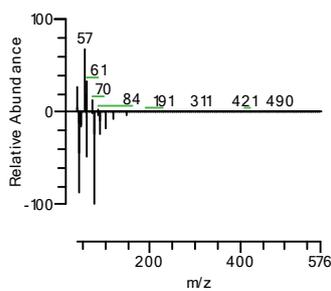
Delta

Hit Spectrum

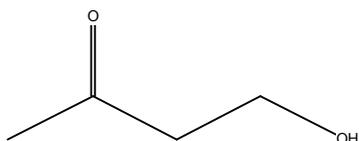
3-Isopropoxy alanine



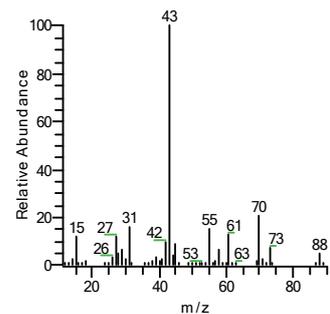
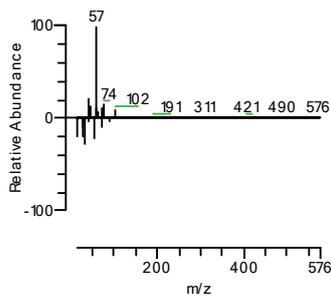
Raw data - Library entry



2-Butanone, 4-hydroxy-
2-Butanone, 4-hydroxy-



Raw data - Library entry



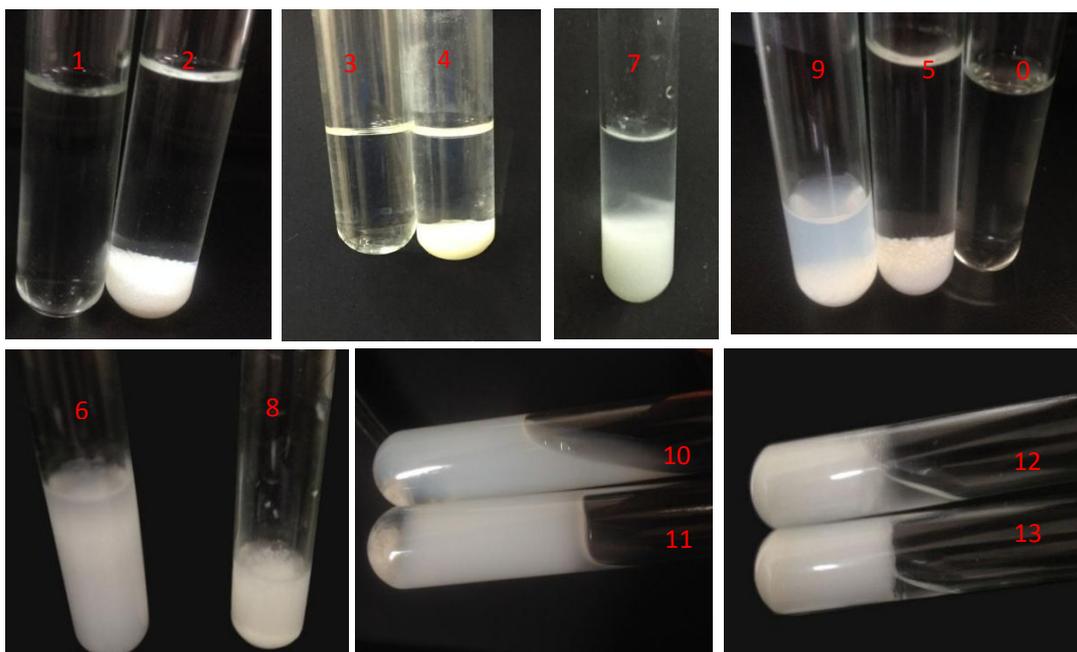


Figure S2. The polymerism of NMBA under the different condition (The test tube numbers were corresponding **Table S2** terms).

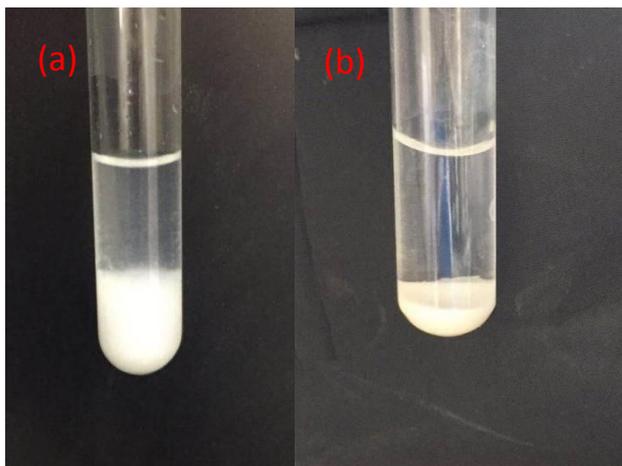


Figure S3. The phenomenon of polymerism under GSH, CLX1180 and NMBA at Nitrogen atmosphere and standing for 24 h at 4 °C and (a) not added TEMPO; (b) added TEMPO.

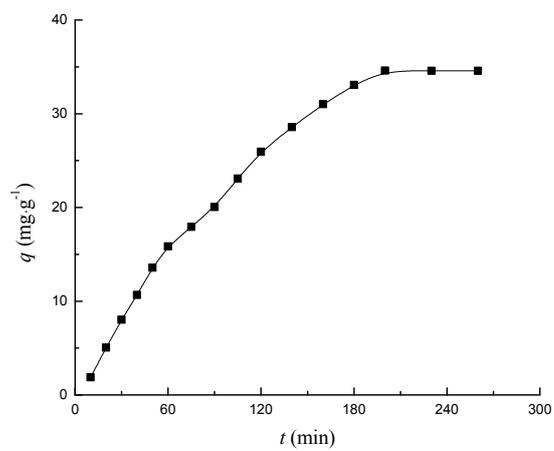


Figure S4. The relationship of adsorption capacity (q) and adsorption time (t).

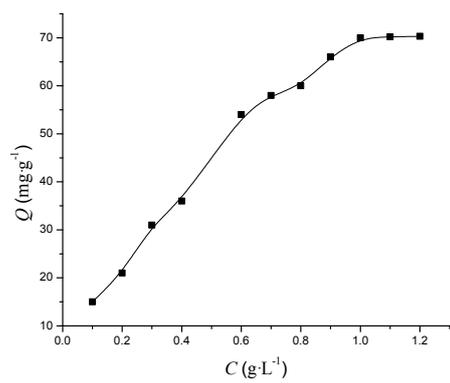


Figure S5. The effect of initial GSH concentration on the adsorption capacity of GSH-MIP.

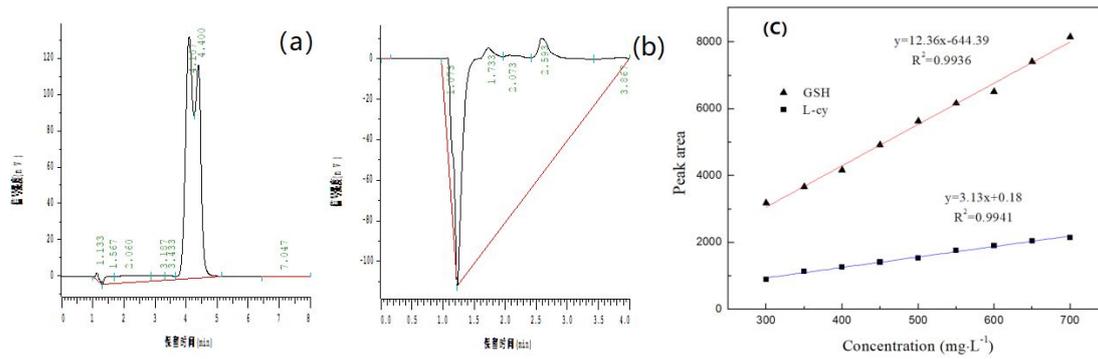


Figure S6. Retention time of (a) GSH and (b) L-cy; (c) Standard curves of the relationship between peak area and concentration of GSH and L-cy.