

Supplementary Material

Molecularly imprinted polymer based monolith pipette tip for solid-phase extraction of 2,4- dichlorophenoxyacetic acid in aqueous sample

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Fig.S1. Photo of PT-SPE connects with pipettor.

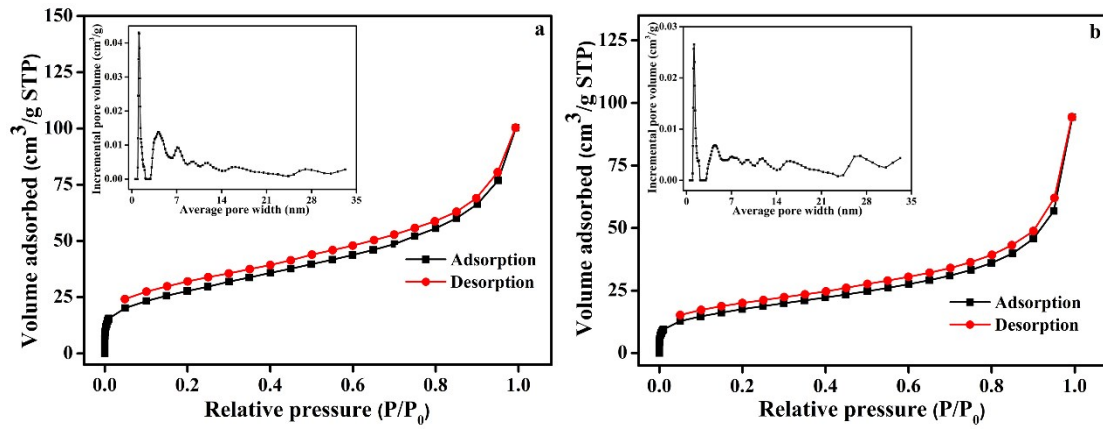


Fig.S2. (a) Nitrogen adsorption and desorption isotherms of the HDPE+MIPs mixture and (b) co-sintered monolith of the powder mixtures.

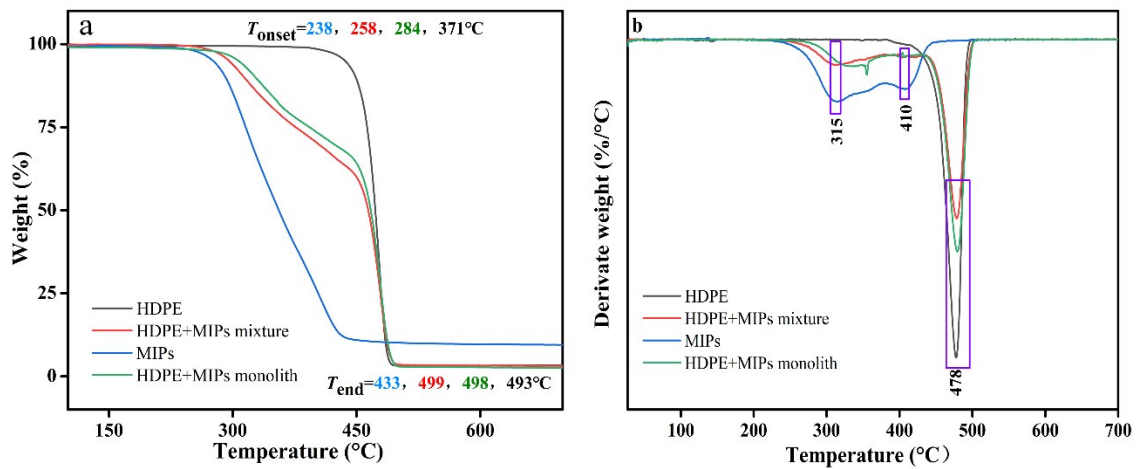


Fig.S3. (a) TG and Derivate TG for the MIPs, HDPE, HDPE+MIPs mixture and HDPE+MIPs monolith.

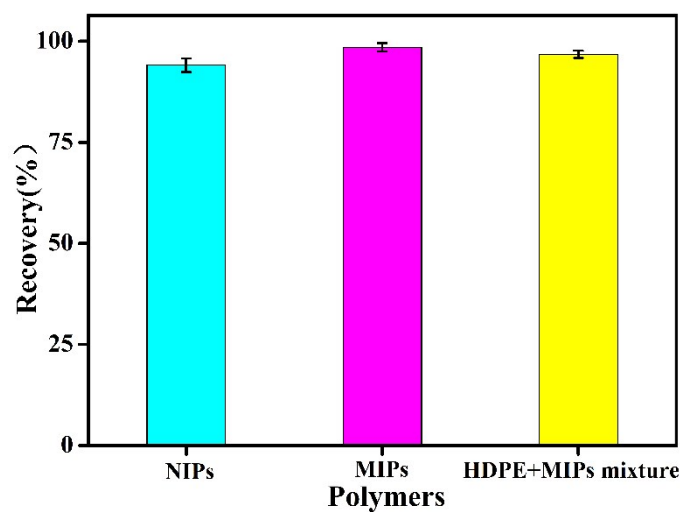


Fig.S4. Recovery obtained with different polymers

Table S1 PT-SPE procedure.

Action	Solvent	Volume (mL)	Flow-rate (mL/min)
Condition	MeOH-H ₂ O	3.0	1.0
Loading	MeOH-H ₂ O	10.0	1.0
Washing	H ₂ O	3.0	1.0
Elution	Me/Ac	0.2	0.05