

Supplementary data

Application of new N and S doped amorphous carbon in D- μ SPE and its combination with deep eutectic solvent-based DLLME for the extraction of some mycotoxins from soymilk

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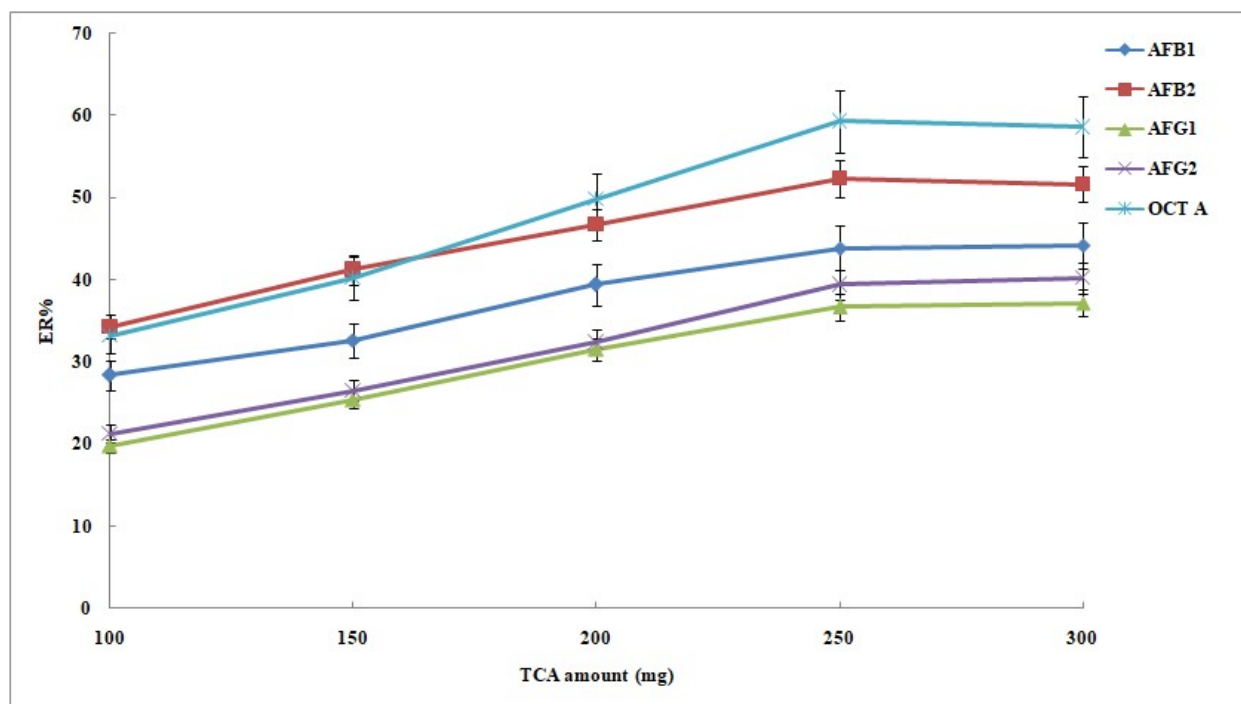


Fig. S1. Optimization TCA amount.

Extraction conditions: sample, 10 mL blank soymilk spiked with the analytes at a concentration of 15 ng/L (each analyte); sorbent amount, 250 mg; vortexing time, 2 min; elution solvent type (volume), ACN

(1.0 mL), desorption time, 2 min; extraction solvent type (volume) used in DLLME; ChCl: *p*-chlorophenol: alpha-terpineol DES (100 μ L); and centrifugation time (speed), 5 min (4000 rpm). The

error bars indicate minimum and maximum values of three determinations.

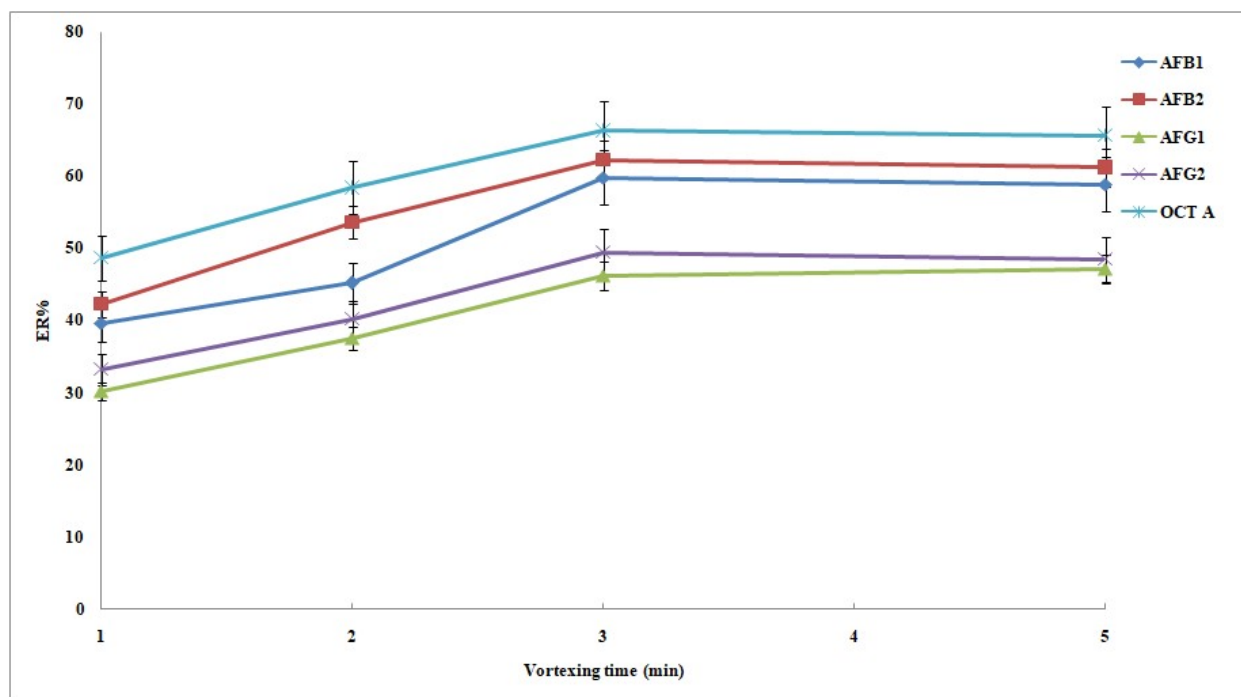


Fig. S2. Optimization of vortexing time.

Extraction conditions: are the same as those used in Fig. S1, except 3 min were selected for vortexing time.

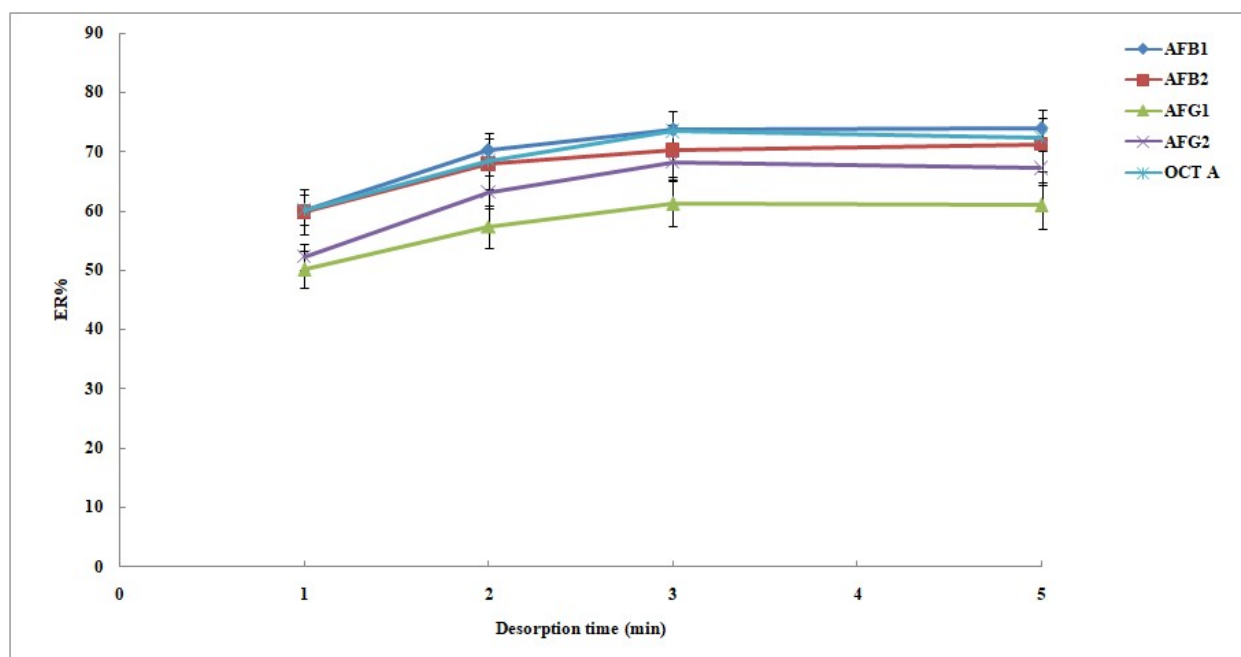


Fig. S3. Optimization of desorption time.

Extraction conditions: are the same as those used in Fig. S2 except 150 mg and 3 min were selected for the sorbent amount and vortexing time, respectively.

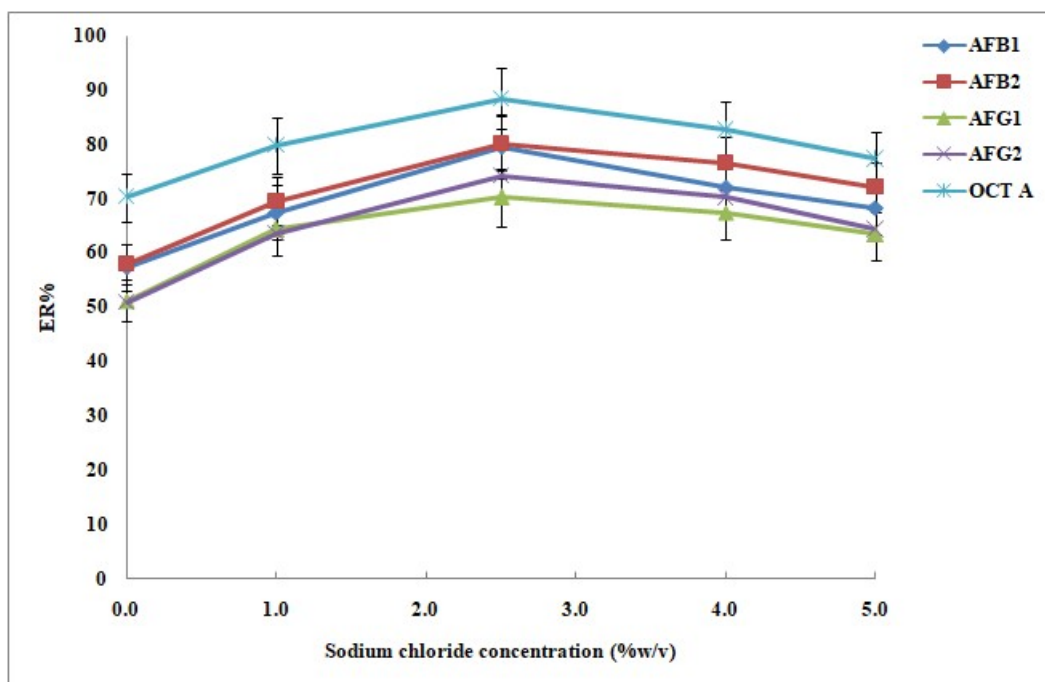


Fig. S4. Salt addition effect.

Extraction conditions: are the same as those used in Fig. S2, except 3 min was selected as the desorption time.