Electronic Supplementary Material (ESI) for Analytical Methods.

Supplementary information

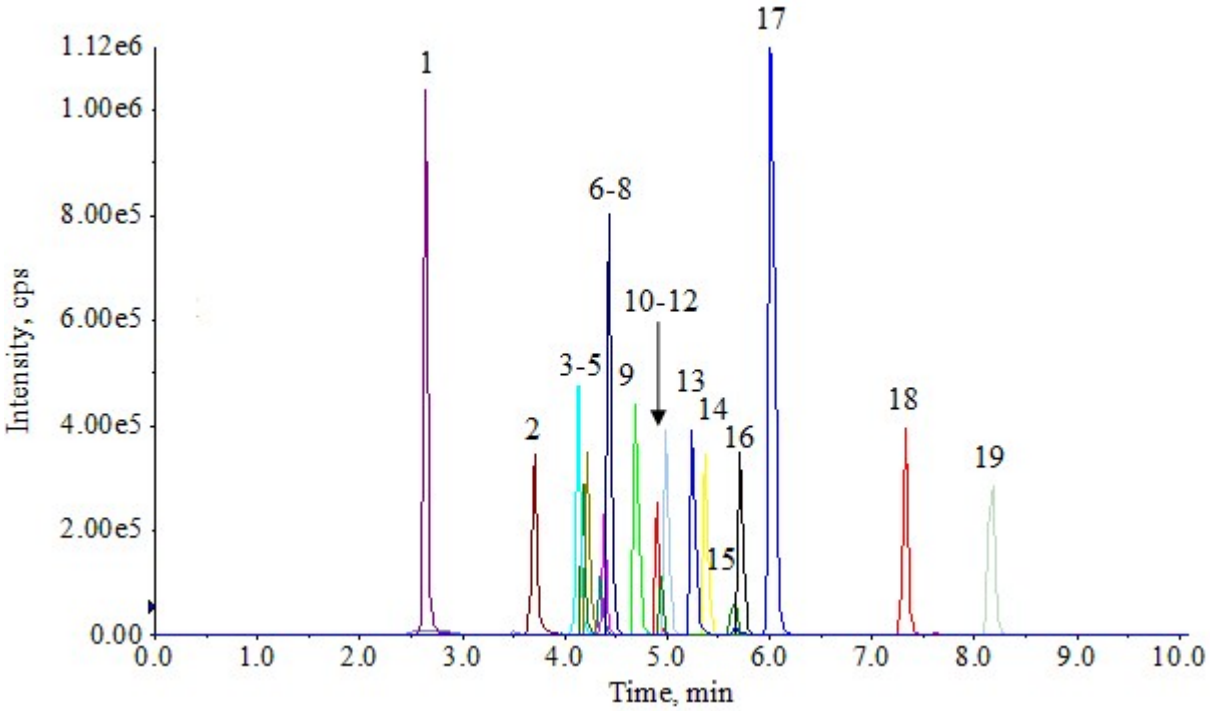

Fig. S1 MRM chromatograms of 19 allergenic disperse dyes (the peak numbers are the same as in Table 1)

Table S1 Matrix effect of allergenic disperse dyes in textiles without and with N-Mag-COFs Mag-dSPE procedure

Allergenic disperse dyes	Added/ ($\mu g \cdot kg^{-1}$)	Mean matrix effect [a] without Mag-dSPE procedure (%, *n*=6)	Mean matrix effect [a] with Mag-dSPE procedure (%, *n*=6)	Mean recovery [b] with Mag-dSPE procedure (%, *n*=6)
Basic red 9	0.3	49.2	91.9	105
Disperse blue 7	0.3	58.6	93.2	90.7
Disperse blue 1	0.3	65.3	80.6	82.3
Disperse blue 3	0.3	52.9	92.7	91.2
Disperse red 11	0.3	50.2	89.1	85.3
Disperse blue 102	0.8	61.8	96.3	98.4
Disperse yellow 9	0.8	50.2	72.4	72.7
Disperse red 17	0.3	53.1	102	108
Disperse blue 106	0.3	55.6	93.1	90.2
Disperse orange 3	0.3	61.9	87.2	82.6
Disperse brown 1	0.8	53.3	82.9	87.3
Disperse yellow 3	0.3	54.7	91.1	96.2
Disperse red 1	0.3	62.2	82.4	87.1
Disperse orange 11	0.3	63.8	91.6	93.8
Disperse yellow 39	3.0	52.1	85.3	95.0
Disperse yellow 49	0.3	50.9	93.3	90.1
Disperse blue 124	0.3	56.8	92.8	91.6
Disperse orange 37	0.3	60.7	86.2	89.3
Disperse orange 1	0.3	52.1	92.8	97.2

[a] Expressed as (the mean peak area of analyte spiked after extraction/the mean peak area of the neat analyte standard) ×100%.

[b] Analytes were determined using the corresponding calibration curves.