

Table S3 Analytical performance data for pyrethroids by FE-LPME using DES in tea beverages

| Pyrethroid | Linear range ($\mu\text{g L}^{-1}$) | Linearity equation | R ² | RSD | Enrichment factors | LOD ($\mu\text{g L}^{-1}$) | Recovery |
|---------------|--|--------------------|----------------|-------|--------------------|------------------------------|----------|
| Deltamethrin | 2.0-500 | y=1.4651x-0.7521 | 0.9995 | 2.31% | 101 | 0.56 | 87.5% |
| Transfluthrin | 2.5-500 | y=1.6748x+3.9623 | 0.9990 | 2.79% | 103 | 0.67 | 96.7% |
| Bifenthrin | 3.0-500 | y=2.7923x+1.4365 | 0.9997 | 2.13% | 106 | 0.87 | 89.1% |
| Fenpropathrin | 4.5-500 | y=2.3285x+1.7324 | 0.9988 | 1.89% | 102 | 1.25 | 95.3% |

RSD: relative standard deviation;

LOD: limit of detection;

Spiked level for evaluating RSD and Recovery: 5 $\mu\text{g L}^{-1}$, 20 $\mu\text{g L}^{-1}$ and 100 $\mu\text{g L}^{-1}$