Supplementary data

Determination of benzoylurea insecticides in environmental water and honey samples using ionic-liquid-mingled air-assisted liquid–liquid microextraction based on solidification of floating organic droplets

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**Fig S1.** Devices used for ILAALLME-SFOD

**Fig S2.** Effect of centrifugation speed on extraction efficiency. Extraction conditions: analyte concentration, 50 μg L⁻¹; 1-dodecanol volume, 30 μL; IL volume, 10 μL; extraction temperature, 45°C; number of extraction cycles, 10; centrifugation time, 15 min; no salt. The error bars correspond to the relative standard deviation of the mean recovery for n = 3 replicates.
Fig S3. Effect of centrifugation time on extraction efficiency. Extraction conditions: analyte concentration, 50 μg L\(^{-1}\); 1-docane volume, 30 μL; IL volume, 10 μL; extraction temperature, 45°C; number of extraction cycles, 10; centrifugation speed, 4500 rpm; no salt. The error bars correspond to the relative standard deviation of the mean recovery for \(n = 3\) replicates.
**Fig S4.** Effect of the number of extraction cycles on the extraction efficiency.

Extraction conditions: analyte concentration, $50 \mu g \text{ L}^{-1}$; 1-dodecanol volume, 30 μL; IL volume, 10 μL; extraction temperature, 45°C; centrifugation time, 12 min; centrifugation speed, 4500 rpm. The error bars correspond to the relative standard deviation of the mean recovery for $n = 3$ replicates.