

Electronic Supplementary Materials (ESI) for New Journal of chemistry

Supporting information for

**A Combined UV-Visible with Fluorescence Detection Method Based
on Unlabeled Aptamer and AuNPs for the Sensitive Detection of
Acetamiprid**

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Determination conditions of the HPLC:

Chromatographic column: C18 column (4.6 mm × 250 mm, 5 μm).

Temperature: 35°C

Mobile phase: acetonitrile : water = 3:7

Wavelength: 245 nm

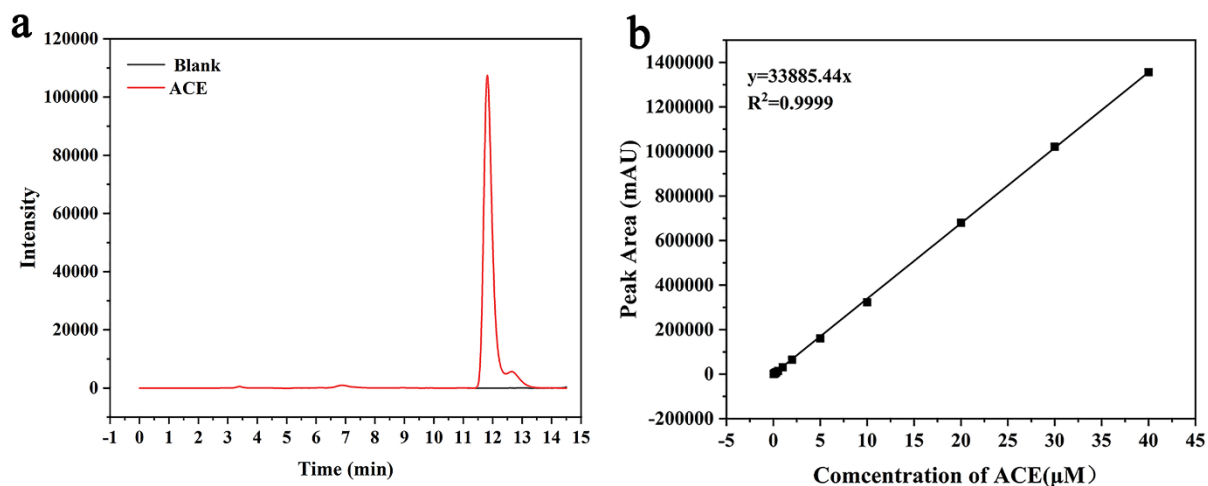


Fig. S1 a Emergence time diagram for the determination of acetaminiprid using HPLC; b Standard curve for the determination of acetaminiprid using HPLC

Table S1 Detection of added-acetaminiprid in real samples using HPLC

Added (μM)	Detected (μM)	Recovery (%)	RSD (%)
10	9.80	98	1.78
20	19.9	99.5	2.60
30	29.8	99.3	3.54
0.1	0.0889	88.9	14.5
0.15	0.135	90.0	3.64
0.2	0.176	88.0	0.89