Electronic Supplementary Information

A Turn-on Fluorescent Sensor Based on Carbon Dots from Sophora Japonica Leaves for Detection of Glyphosate

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Figure S1

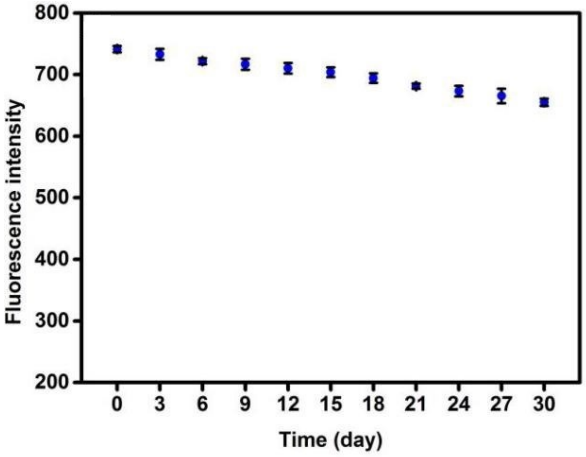

Figure S1 Stability of CDs with the time change.

Figure S2

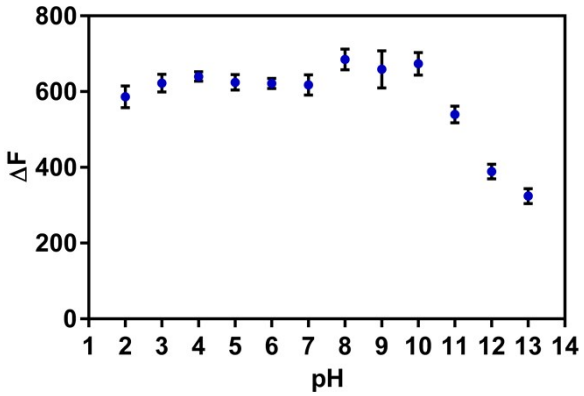

Figure S2. Fluorescence intensity of CDs with the pH change.

Figure S2

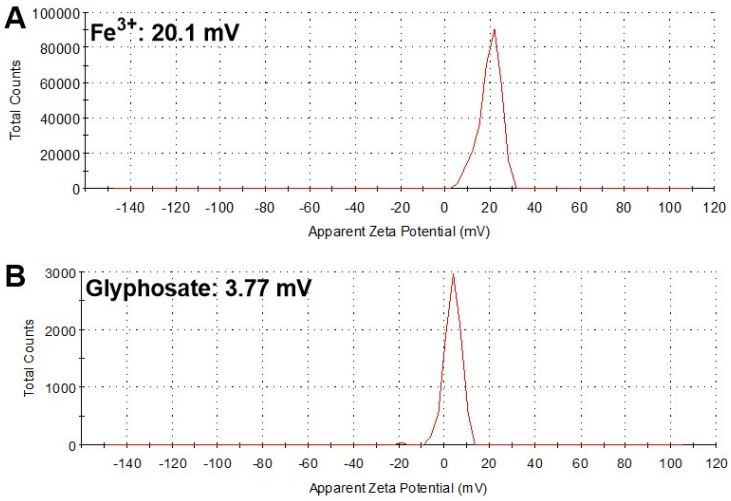

Figure S3 Zeta potentials of Fe^{3+} (A) and glyphosate (B).

Figure S4

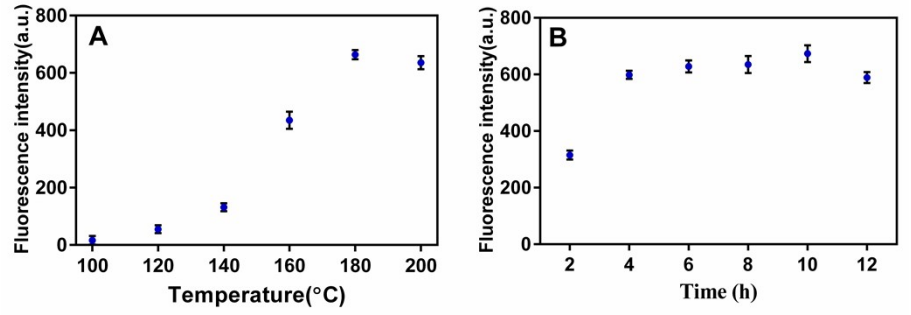

Figure S4. Fluorescence intensity of CDs with synthesis conditions change of temperature (A) and synthesis time (B).

Figure S5

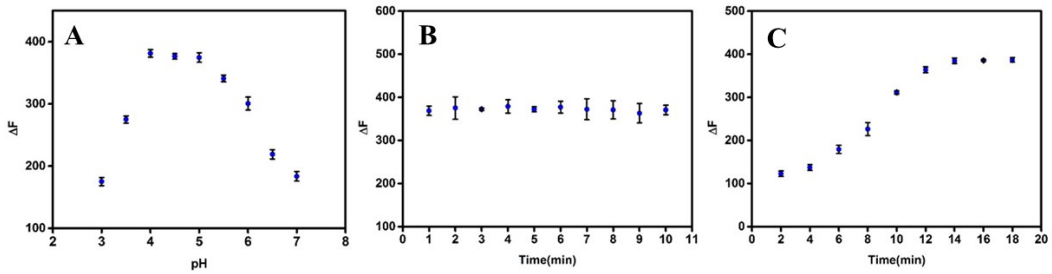

Figure S5 The influences of pH (A) , and the time of fluorescence quenching (B) and recovery (C) for the detection of glyphosate.

Figure S6

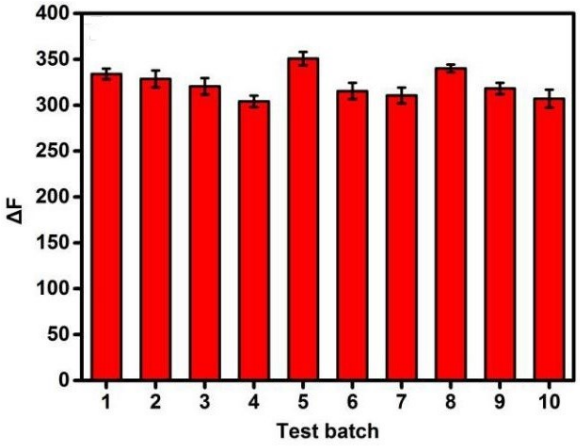

Figure S6 The reproducibility of the prepared CDs/Fe^{3+} sensor in analyzing glyphosate (16 ppm)