

## Supplementary Information

# High sensitive simultaneous electrochemical determination of hydroquinone, catechol and resorcinol based on carbon dots/reduced graphene oxide composite modified electrode

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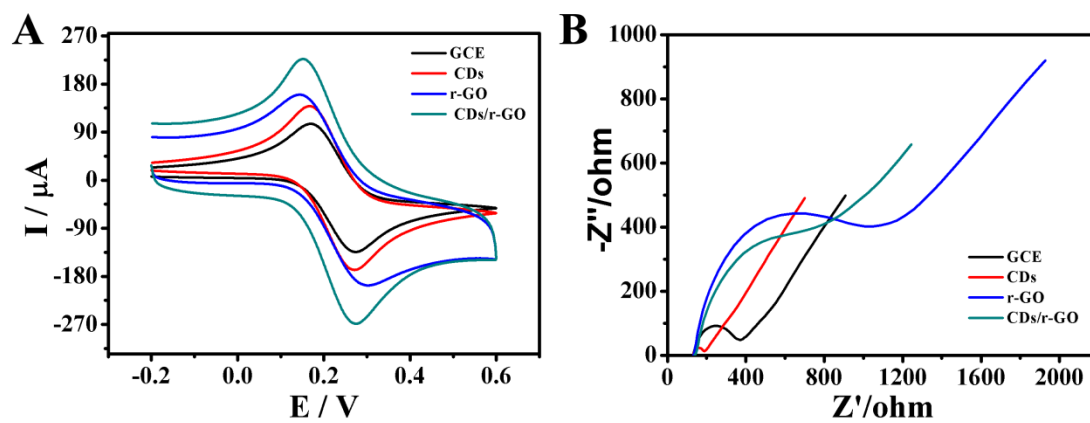
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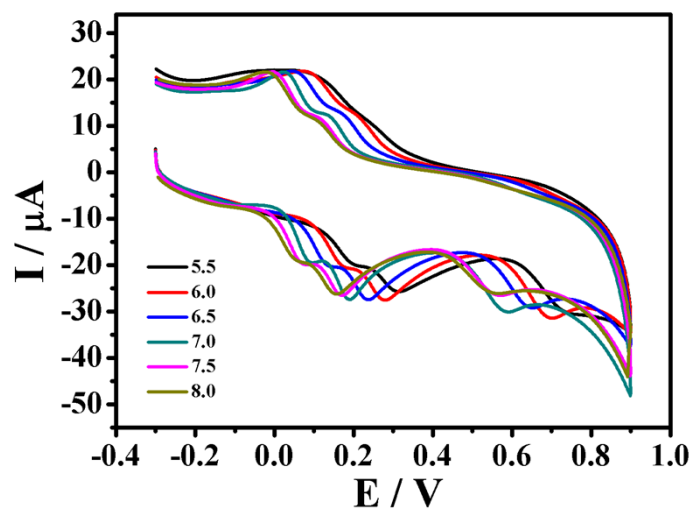
**Fig. S1.** CV (A) and EIS (B) of 1.0 mM  $[\text{Fe}(\text{CN})_6]^{3-/4-}$  and 0.1 M KCl solution recorded on the GCE, r-GO/GCE, CDs/GCE and CDs/r-GO/GCE.

**Fig. S2.** The oxidation peak current of 0.2 mM HQ, CC and RC on the CDs/r-GO/GCE at different pH ( 5.5, 6.0, 6.5, 7.0, 7.5, 8.0,) (scan rate:  $0.1 \text{ V s}^{-1}$ ).

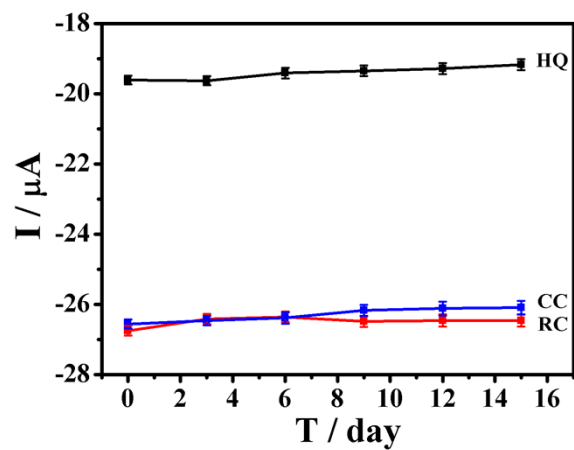
**Fig. S3.** Stability of 0.2 mM HQ, CC and RC on the CDs/r-GO/GCE at ambient conditions over two weeks



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**Fig. S3.** Stability of 0.2 mM HQ, CC and RC on the CDs/r-GO/GCE at ambient conditions over two weeks