

Colorimetric Strips for Visual Lead Ion Recognition Utilizing Polydiacetylenes Embedded Nanofibers

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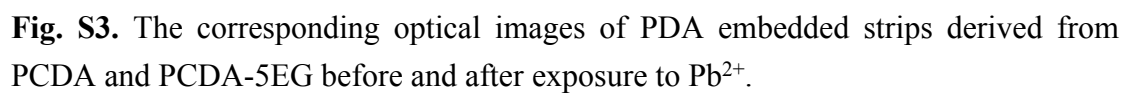
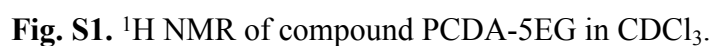
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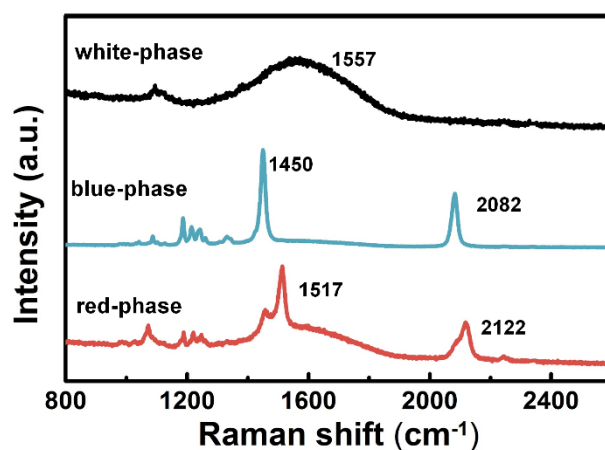


Fig. S4. Raman spectra of PDA-1/PAN-6 strip before UV polymerization (white-phase), after UV polymerization (blue-phase), and after incubation with 4 μM Pb^{2+} (red-phase).

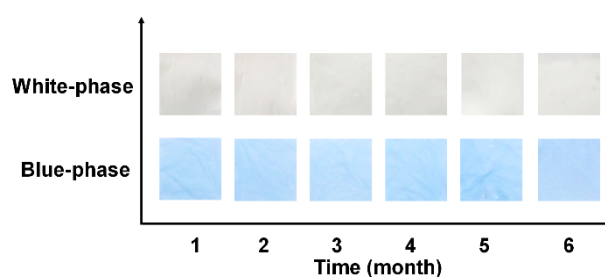


Fig. S5. Optical images showing the stability of white and blue-phase nanofibers within 6 months.

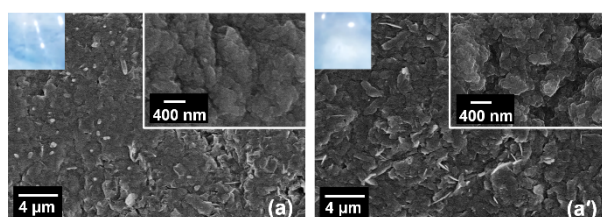


Fig. S6. FE-SEM images of casting film based strip before (a) and after (a') incubated with 4 μM Pb^{2+} . Insets show the corresponding optical images.