

Electronic Supplementary Data

Schiff base modified Pt electrode as sensor for detecting Al(III) and Pb(II)

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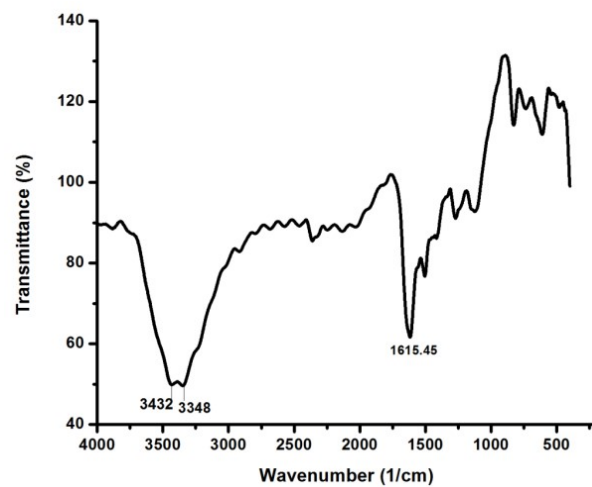


Fig. S1 – FT-IR spectrum of PPDA-AcFc in KBr.

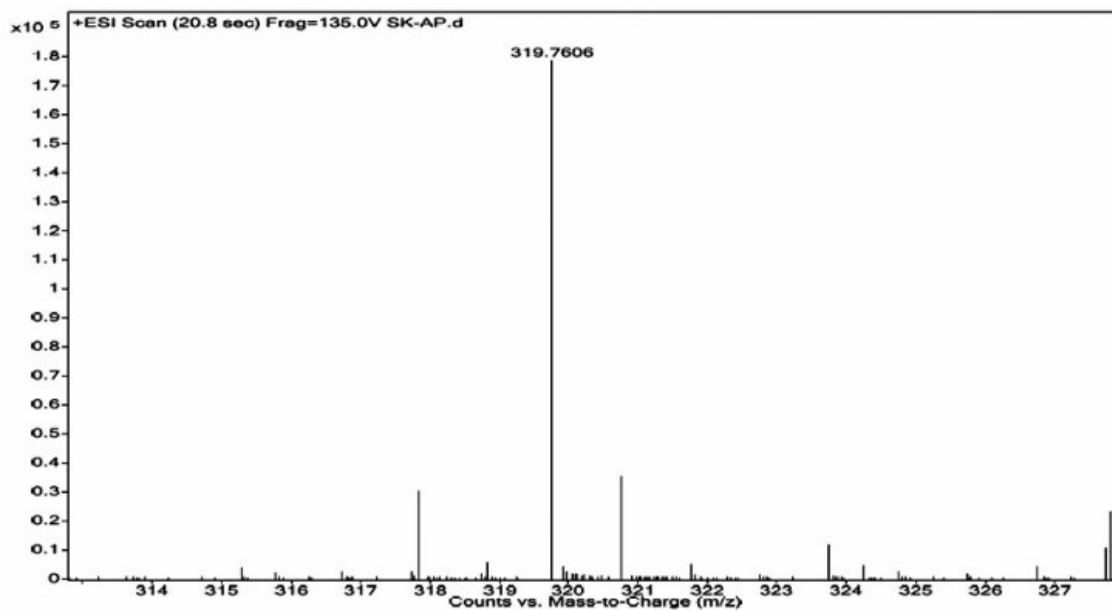


Fig. S2 – HRMS spectrum of PPDA-AcFc.

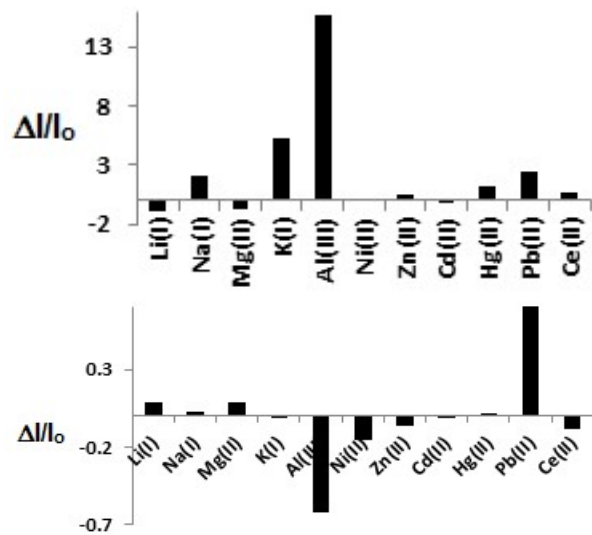


Fig. S3 – Bar diagram of normalised current ($\Delta I/I_0$) obtained from square wave voltammogram for PPDA-AcFc/Pt electrode in water containing 0.1 M NaNO_3 as supporting electrolyte in presence of 10^{-3} M different metal ions at (A) +0.230 V and (B) -0.120 V versus Ag/AgCl.