Electronic Supplementary Material (ESI) for New Journal of Chemistry

SUPPORTING INFORMATION

1D coordination polymer built on asymmetric $\mu_{1,1,3}$-azide bridge: from unusual topology to magnetic properties and Cu(II)/Cu(I) redox reversibility

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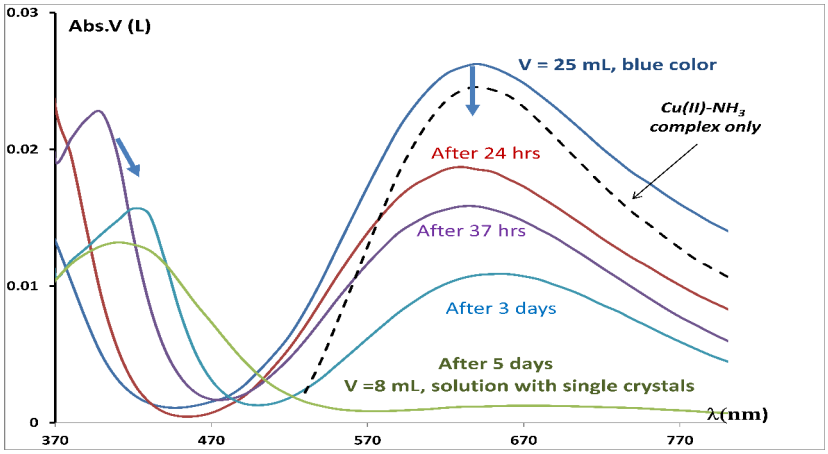

Figure S1 : Visible spectra during the formation of azide-Cu(II) complex (mixture of NaN_3, Cu(II) salt, excess of NH_3,H_2O 25% in methanol): solid line : spectra at different times. The green spectrum is identical at solid complex solubilized in solvent. Dashed line: Cu(II)-NH_3 complex in methanol.

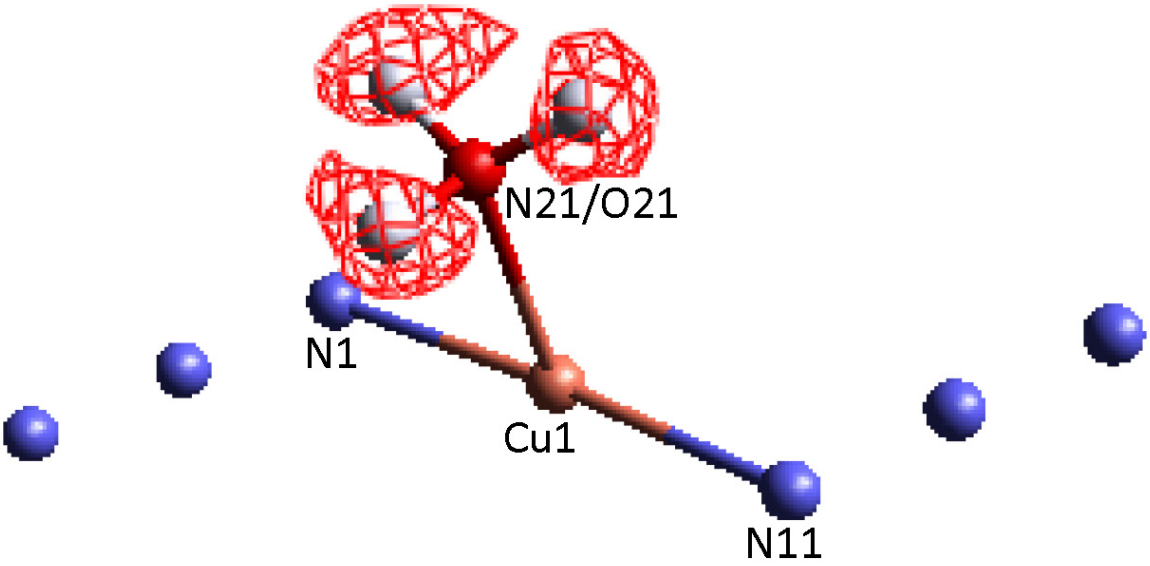

Figure S2: difference-map plot (occupancy of represented hydrogen atoms is equal to 0 in that case) showing (i) three potential positions for hydrogen atoms belonging to coordinated solvent molecules (H_2O/NH_3 statistical disorder) and (ii) that reported hydrogen atoms sites are reasonable. Red lines represent the positive electronic residual