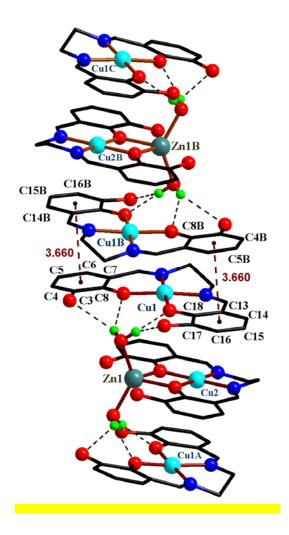
## **Electronic Supplementary Information**

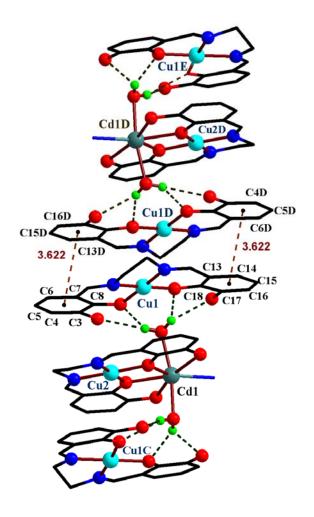
For

Syntheses and crystal structures of dinuclear, trinuclear  $[2\times1+1\times1]$  and tetranuclear  $[2\times1+1\times2]$  copper(II)- $\mathbf{d}^{10}$  complexes ( $\mathbf{d}^{10}\Rightarrow\mathbf{Z}\mathbf{n}^{II}$ ,  $\mathbf{C}\mathbf{d}^{II}$ ,  $\mathbf{H}\mathbf{g}^{II}$  and  $\mathbf{A}\mathbf{g}^{I}$ ) derived from N,N'-ethylenebis(3-ethoxysalicylaldimine)

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**Fig. S1** Perspective view of **1** demonstrating the one-dimensional polymeric self-assembly resulted due to  $\pi$ - $\pi$  stacking interactions. Hydrogen atoms, except those of water molecules, are omitted. The perchlorate anions and the ethoxy carbon atoms are also not shown for clarity. Symmetry code: A, -x, y, 0.5-z; B, -x, -y, 1-z; C, x, -y, 0.5+z.



**Fig. S2** Perspective view of **2** demonstrating the one-dimensional polymeric self-assembly resulted due to  $\pi$ - $\pi$  stacking interactions. Hydrogen atoms, except those of water molecules, are omitted. The perchlorate anions and the ethoxy carbon atoms are also not shown for clarity. Symmetry code: C, -x, y, 1.5-z; D, 0.5-x, 1.5-y, 2-z; E, 0.5+x, 1.5-y, 0.5+z.