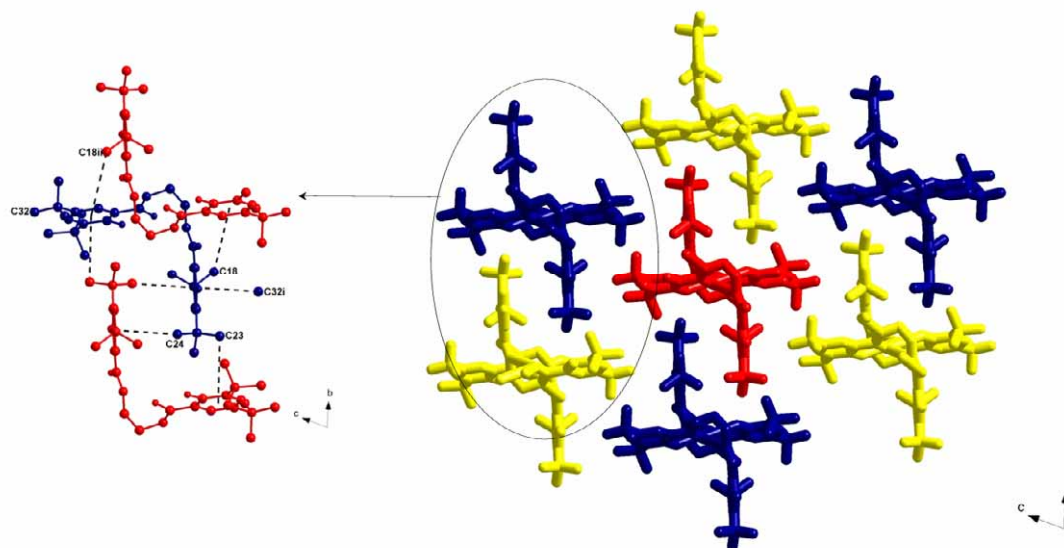
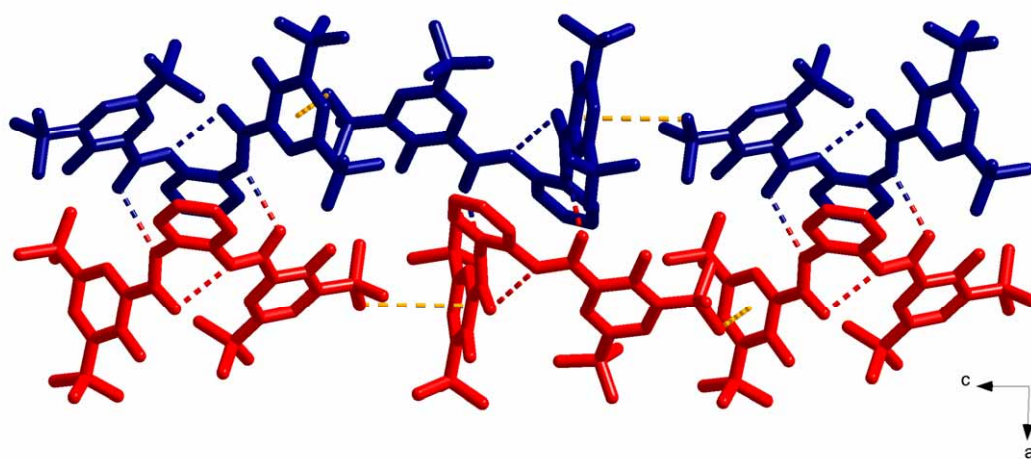


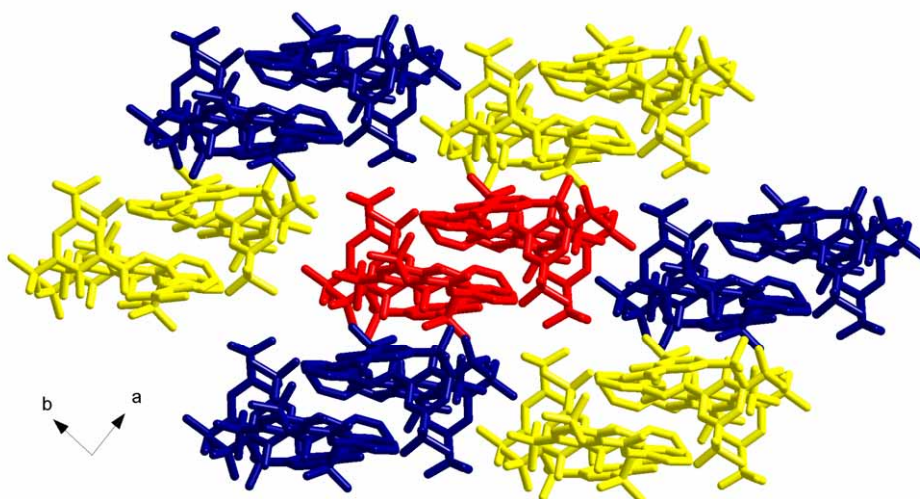
## Supplementary Section



**Figure S1.** Perspective view, along the *a*-axis, of the crystal packing of **1**, each chain being connected to six-adjacent ones through C-H $\cdots$  $\pi$  interactions.

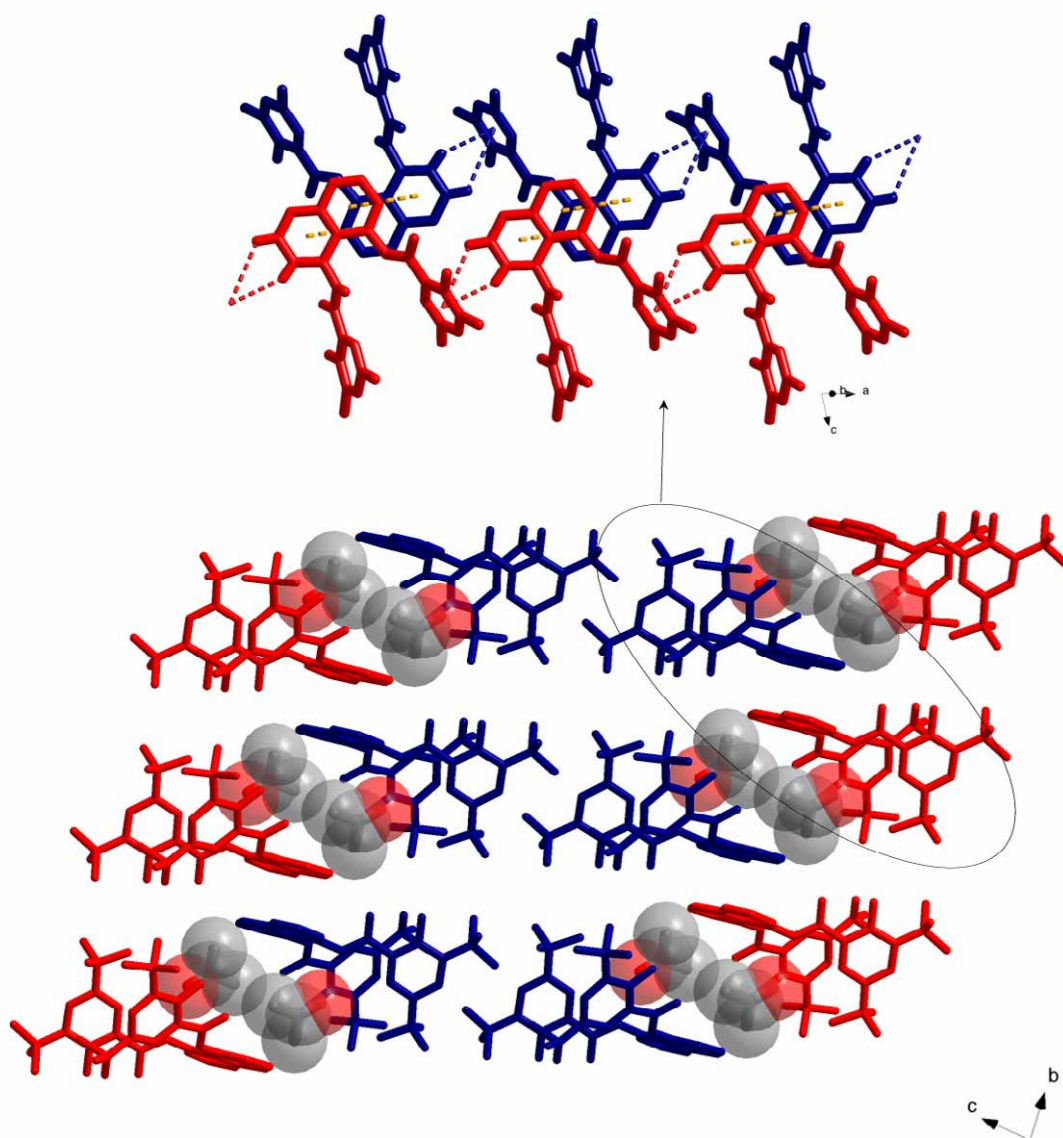


(a)

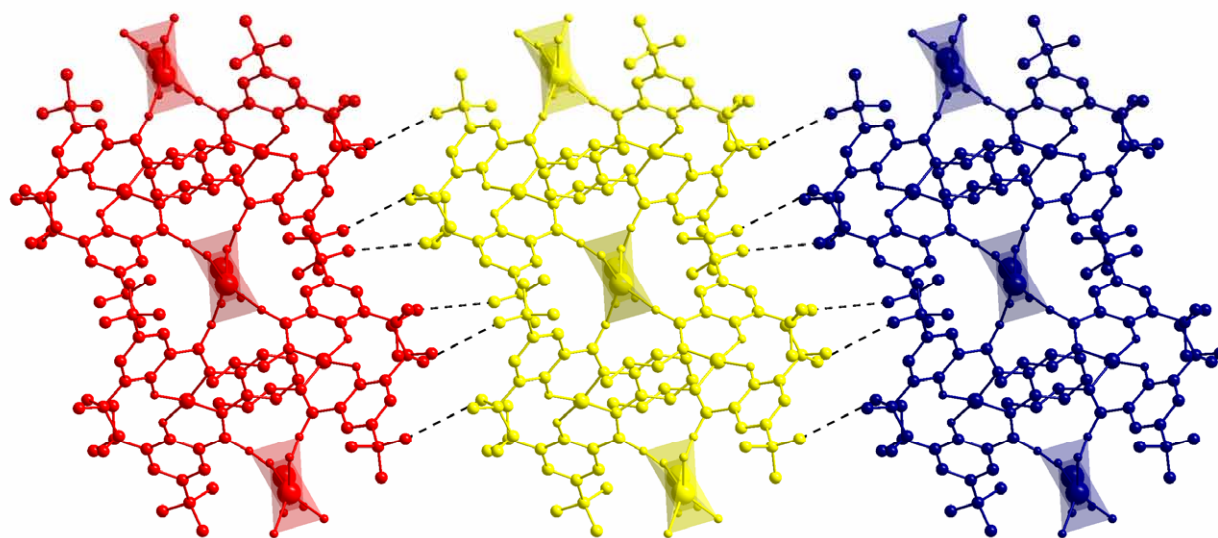


(b)

**Figure S2.** (a) Perspective view, along the  $b$ -axis of the one alternating chain in **3** showing the interactions between  $L^3H_4$  molecules: hydrogen bonds (Red/blue broken lines) and C-H... $\pi$  interactions (yellow broken lines). (b) Perspective view, along the  $c$ -axis, of the three-dimensional structure of **3**, each chain being surrounded by six other ones.



**Figure S3.** (a) Perspective view of the alternating L<sup>4</sup>H<sub>4</sub> chains growing along the *a*-axis showing the interactions within the chain:  $\pi \cdots \pi$  (yellow broken lines) and C-H $\cdots \pi$  (red and blue dotted lines). (b) Perspective view, along the *a*-axis, of the crystal packing in 4.



**Figure S4.** Perspective view, along the *b*-axis, of the crystal packing in **5**. Black broken lines represents  $\text{CH}_3 \cdots \text{CH}_3$  hydrophobic interactions.