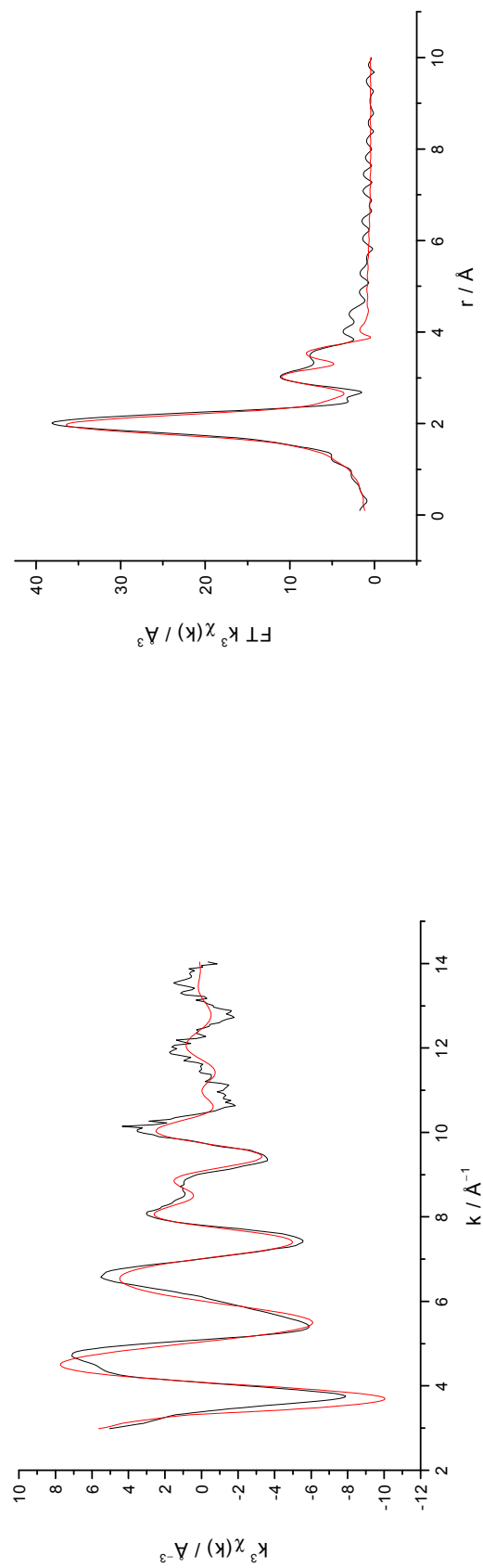


Supplementary information

Figure S1: Phase-shifted Fourier transform of **1** (left) and EXAFS spectrum of **P-1** (right)



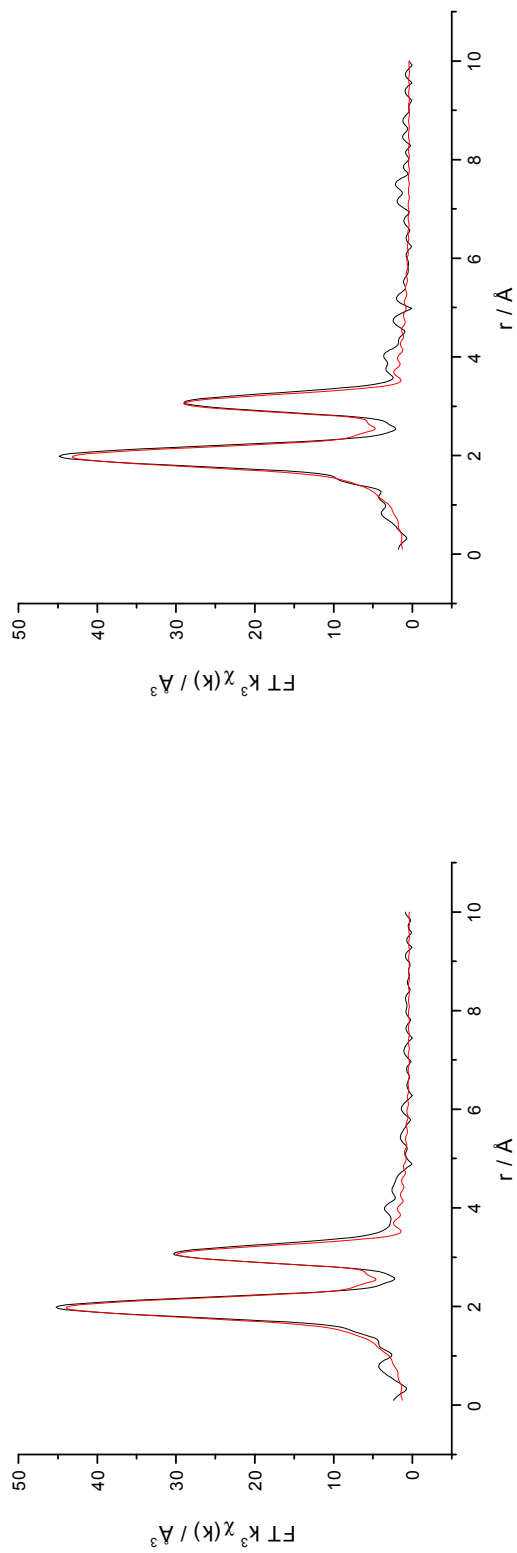
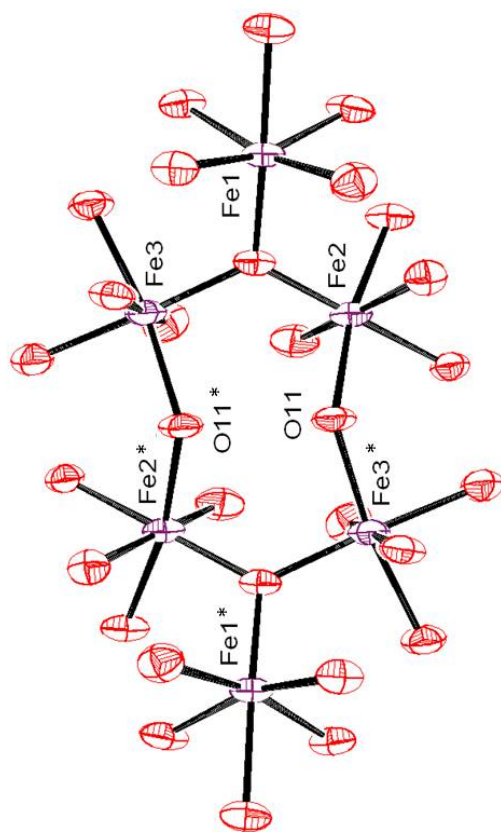


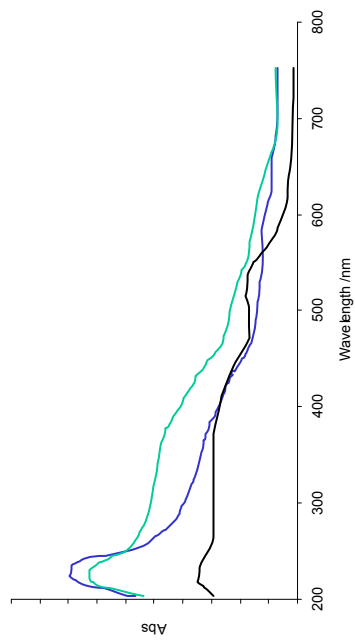
Figure S2: The EXAFS analysis (phase-shifted Fourier transforms) of left) **2** and right) **E-2**. Red line is theoretical fit, black line is experiment.

Figure S3. ORTEP (50% probability ellipsoids) of iron-oxo-hydroxo core (i.e. carbon/hydrogen atoms of vinylbenzoate ligands, solvent and hydrogens removed for clarity) of **3**, note that the centre of the cluster sits on a crystallographic 2-fold axis. 50% of the atoms in this unit depicted by the asterisk are generated by: $x, -y+1/2, -z+1/2$

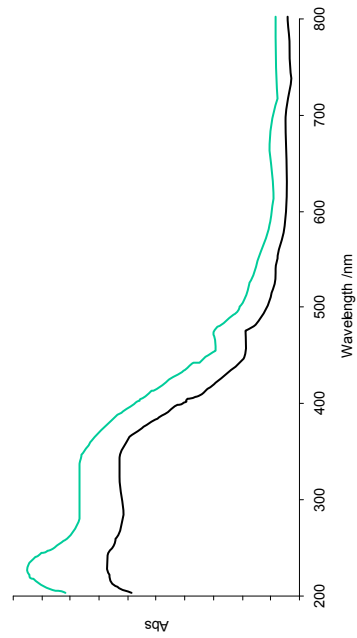


Supplementary Information:

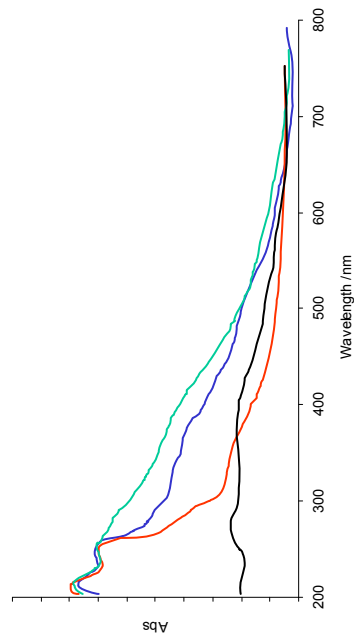
DRUV spectra



Black = 1
Green = E1
Blue = E1 + acid



Black = 2
Green = E2



Black = 3
Green = E3
Blue = ER3
Red = E3 + acid