Supporting information for:

‘Access to new magnetic cores in Fe(III) and Fe(III)/Cu(II) spin clusters’

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**Figure S1.** Reduced magnetisation \((M/N\mu_B)\) vs \(H/T\) for complex 1 in the field and temperature ranges 0.5-5 Tesla and 2-7 K. The solid lines correspond to a fit of the data with \(S=5\), \(g=1.96\) and \(D=-0.19\) cm\(^{-1}\).

**Figure S2.** Reduced magnetisation \((M/N\mu_B)\) vs \(H/T\) for complex 2 in the field and temperature ranges 1-4 Tesla and 2-5 K. The solid lines correspond to a fit of the data with \(S=4\), \(g=1.96\) and \(D=-0.24\) cm\(^{-1}\).