Supporting Information

Pentanuclear Complexes with Unusual Structural Topologies from the Initial Use of two Aliphatic Amino-Alcohol Ligands in Fe Chemistry

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**Fig. S1.** A partially labelled representation of the molecular structure of 2. Colour code: Fe, green; O, red; N, blue; C, grey. H atoms are omitted for clarity.
Table S1. Selected interatomic distances (Å) for complex 2

<table>
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<th>Bond</th>
<th>Distance (Å)</th>
<th>Bond</th>
<th>Distance (Å)</th>
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<tbody>
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<td>Fe1····Fe2</td>
<td>2.970(1)</td>
<td>Fe3 - O4</td>
<td>2.015(2)</td>
</tr>
<tr>
<td>Fe1····Fe4</td>
<td>3.269(1)</td>
<td>Fe3 - O6</td>
<td>2.051(2)</td>
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<td>1.988(2)</td>
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<td>Fe4 – O17</td>
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<td>Fe4 – O18</td>
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**Fig. S2.** A partially labelled representation of the molecular structure of 3. Colour code: Fe, green; O, red; N, blue; C, grey. H atoms are omitted for clarity.
Table S2. Selected interatomic distances (Å) for complex 3·1.3MeCN·H₂O

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Fig. S3. A partially labelled representation of the molecular structure of 4. Colour code: Fe, green; O, red; N, blue; C, grey. H atoms are omitted for clarity.
**Table S3.** Selected interatomic distances (Å) for complex $4\cdot0.3\text{H}_2\text{O}$

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