Supporting Information

Title: Investigations on Synthesis, Structure, and Properties of New Butterfly [2Fe2Se] Cluster Complexes Relevant to Active Sites of Some Hydrogenases

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To submitted: Organometallics

Contents: Electrochemical Data of [(μ-SCH₂)₂CH₂(OH)]Fe₂(CO)₆(C)
Electrochemical Data of [(µ-SCH₂)₂CH₂(OH)]Fe₂(CO)₆ (C)

(All potentials are versus Fc/Fc⁺ in 0.1 M n-Bu₄NPF₆/MeCN).

<table>
<thead>
<tr>
<th>compound</th>
<th>$E_{pc}(V)$</th>
<th>$E_{pa}(V)$</th>
<th>$E_{pc}(V)$</th>
<th>$E_{pa}(V)$</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>−1.61, −1.51</td>
<td>−2.16</td>
<td>+0.76</td>
<td></td>
</tr>
</tbody>
</table>

**Figure 11**. Cyclic voltammograms of C (1 mM) in 0.1 M n-Bu₄NPF₆/MeCN under N₂ at a scan rate of 100 mV s⁻¹.