Electronic Supplementary Information for Dalton Transactions

Supporting Information for:

Mechanistic Aspects of the Protonation [FeFe]-Hydrogenase Subsite Analogues

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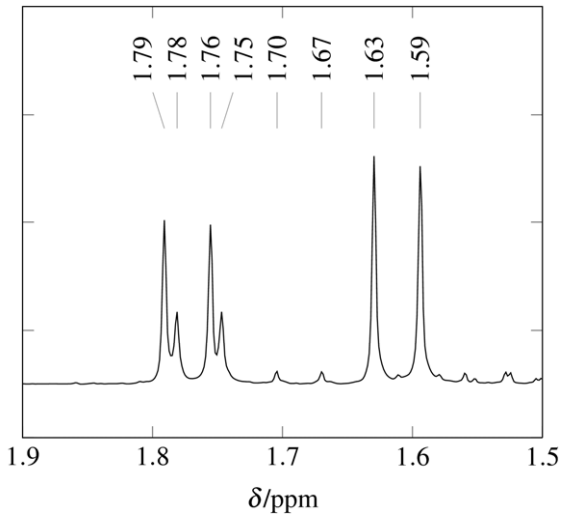

Figure S1. ^{1}H spectrum of reaction of **3** with $HBF_4{\cdot}Et_2O$ in d_3-MeCN after approximately six minutes. $[3]_0$ 40 mM, $[HBF_4{\cdot}Et_2O]_0$ 300 mM. Region for phosphorous-bound methyl groups.

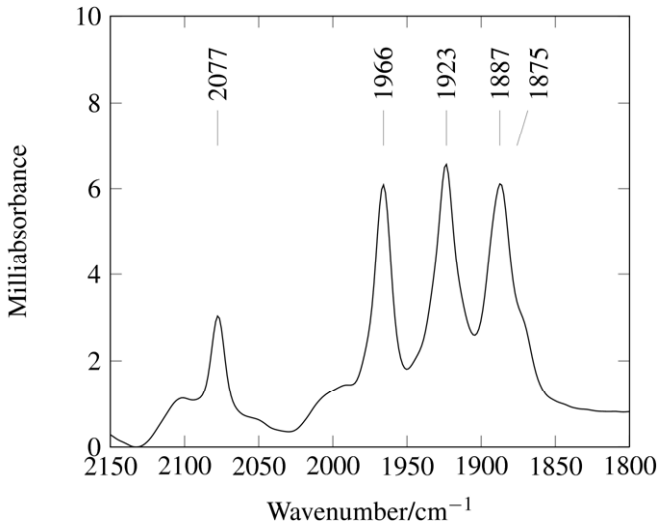

Figure S2. IR spectrum of $(NEt_4)[Fe_2(edt)(CO)_4(CN)_2]$ in MeCN.

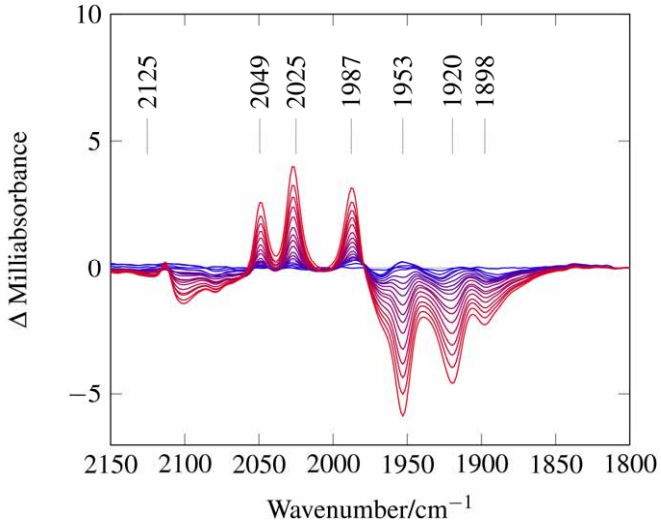

Figure S3. Difference spectrum for protonation of $(NEt_4)[Fe_2(edt)(CO)_4(CN)_2]$ as observed by stop-flow IR, in the time range 3.2 s (blue) to 157 s (red) *versus* a scan at 2.9 s.