Figure 1S. Nitrogen ENDOR is shown for Fe(OEP)(NO) (A) and $^{14}$NO-Cyt c′ (B) at an amagnetic field of 1.178 T. Adiabatic rapid passage; $T = 2$ K; microwave power = 0.22 nW, 100 kHz field modulation = 2 G ptp (A) and 5 G (B), a system time constant = 160 ms, radio frequency power ~ 20 W, radio frequency sweep rate = 2 MHz/s, overall signal averaging time = 500 s, $\nu_{\text{EPR}} = 34.10$ GHz. RF was pulsed with a 100/900 μs duty cycle.
Supporting Information

Figure 2S. Nitrogen ENDOR is shown for 6-coordinated $^{14}$NO-Cyt $c'$ (A) and $^{14}$NO-Mb (B) at magnetic field of 1.227 T ($g = 1.985$). Adiabatic rapid passage; T = 2 K; microwave power = 0.22 nW, 100 kHz field modulation = 5 G p.t.p., a system time constant = 160 ms, radio frequency power ~ 20 W, radio frequency sweep rate = 2 MHz/s, overall signal averaging time = 500 s, $\nu_{EPR} = 34.10$ GHz. RF was pulsed with a 100/900 $\mu$s duty cycle.