

Supplementary Information for

Heterometallic cubane-type clusters $[M'Mo_3S_4]$ ($M' = Au, Ag$ and Cu): synthesis, structures and electrochemical properties

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S Fig. 1 Cyclic voltammogram of **1** with 1.0 mM cluster in a CH_3CN solution (0.05 M nBu_4NPF_6) and 1 equiv ferrocene at a scan rate of $100\text{ mV}\cdot\text{s}^{-1}$.

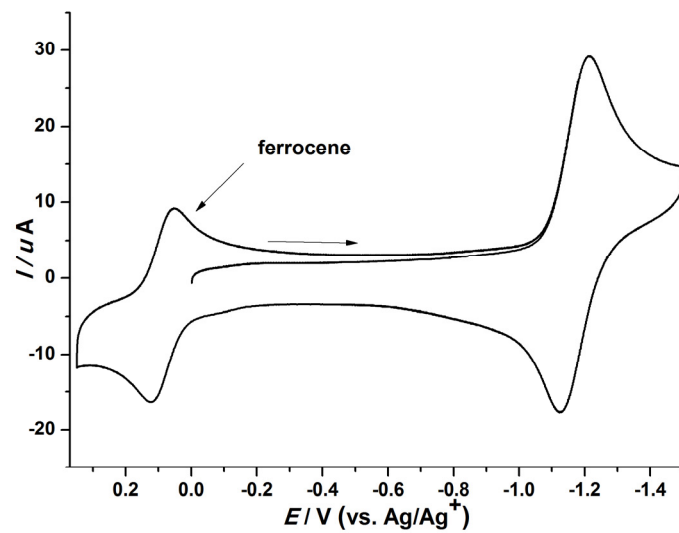
S Fig. 2 Cyclic voltammogram of **2a** with 1.0 mM cluster in a CH_3CN solution (0.05 M nBu_4NPF_6) and 1 equiv ferrocene at a scan rate of $100\text{ mV}\cdot\text{s}^{-1}$.

S Fig. 3 Cyclic voltammogram of **2b** with 1.0 mM cluster in a CH_3CN solution (0.05 M nBu_4NPF_6) and 1 equiv ferrocene at a scan rate of $100\text{ mV}\cdot\text{s}^{-1}$.

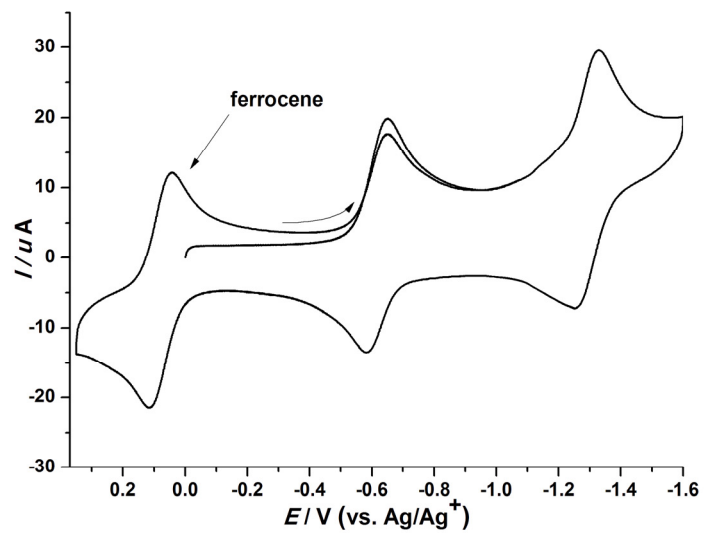
S Fig. 4 Cyclic voltammogram of **2c** with 1.0 mM cluster in a CH_3CN solution (0.05 M nBu_4NPF_6) and 1 equiv ferrocene at a scan rate of $100\text{ mV}\cdot\text{s}^{-1}$.

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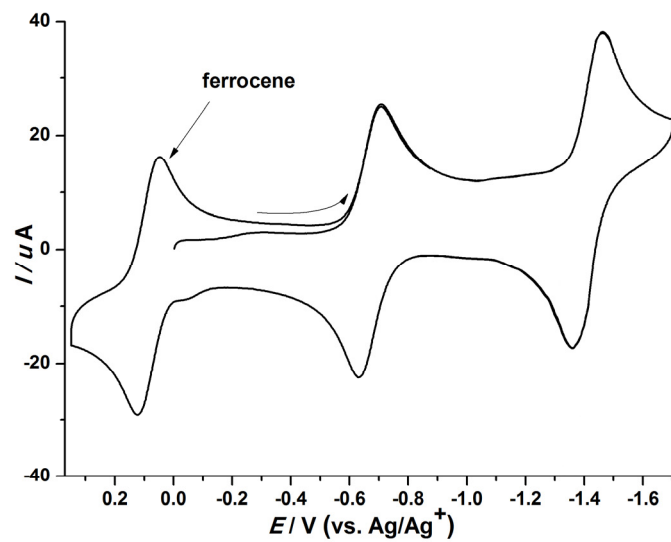
S Fig. 1



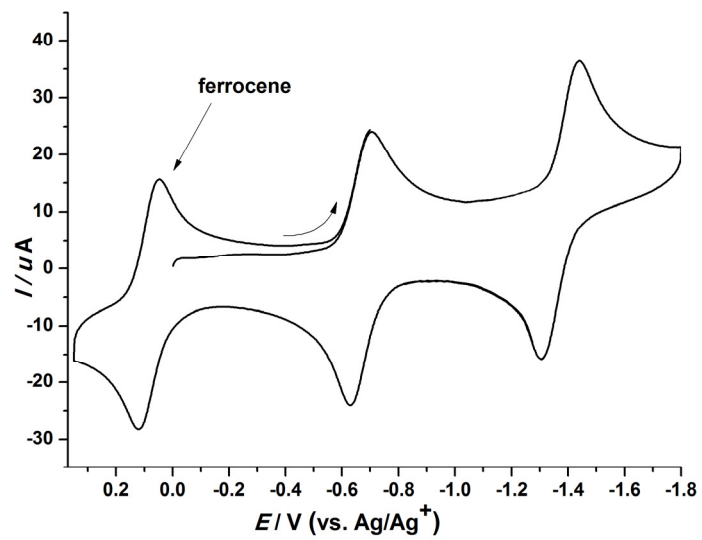
S Fig. 2



S Fig. 3



S Fig. 4



S Fig. 5

