

## SUPPLEMENTARY MATERIAL

# [60]Fullerene-Perchlorotriphenylmethyde Anion Triads. Synthesis and Study of Photoinduced Intramolecular Electron-Transfer Processes.

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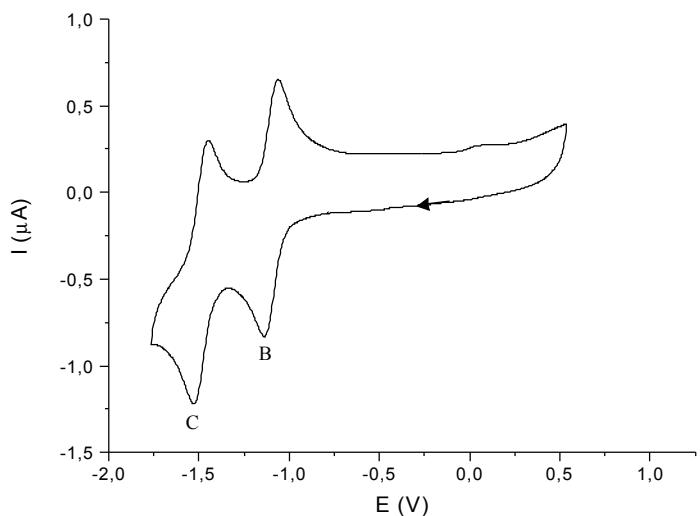
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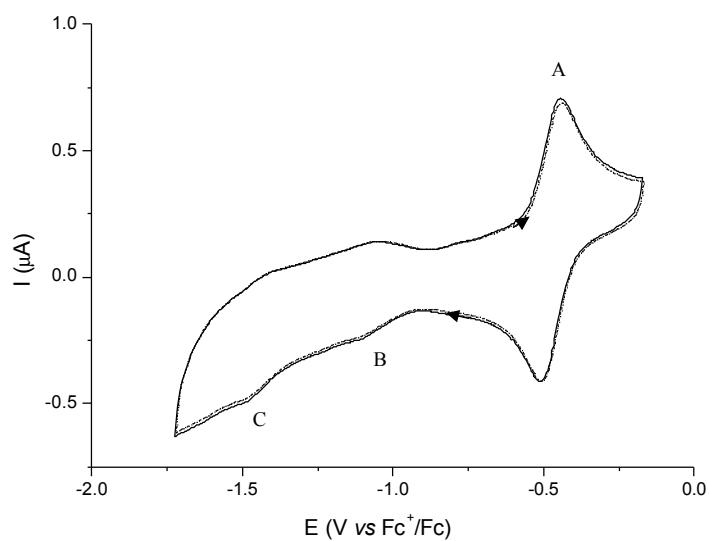
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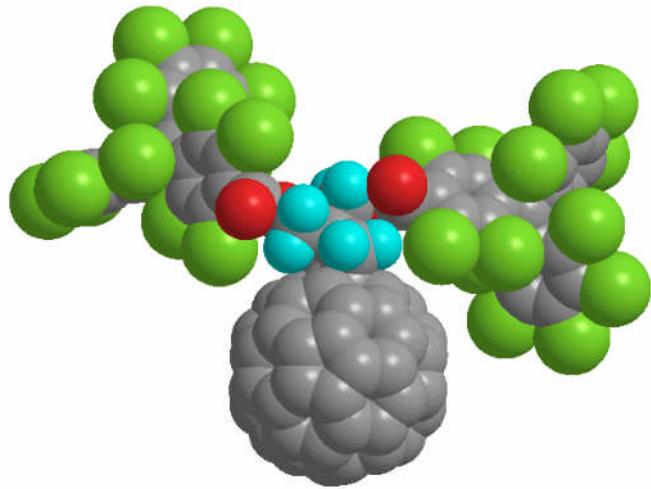
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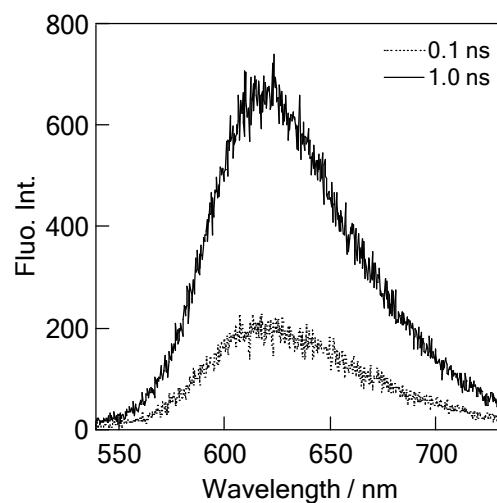
**Figure SI-1.** Cyclic voltammogram  $\text{vs} \text{Fc}^+/\text{Fc}$  of **5** ( $2.5 \cdot 10^{-4} \text{ M}$ ) in  $0.1 \text{ M}$  TBAHP/*o*-DCB:CH<sub>3</sub>CN (95:5); **B** and **C**, reduction peaks of the C<sub>60</sub> moiety.



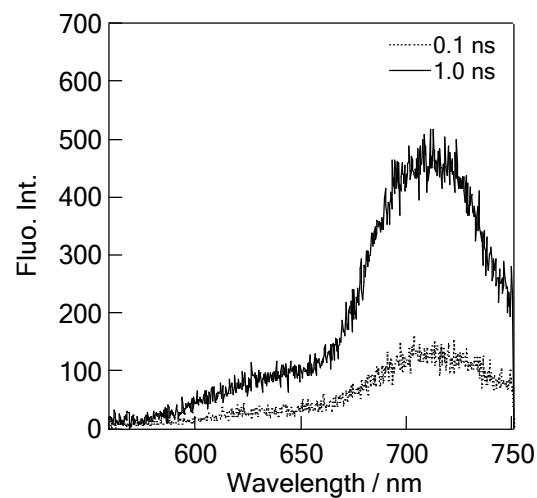
**Figure SI-2.** Cyclic voltammogram  $\text{vs} \text{Fc}^+/\text{Fc}$  of **1** ( $2.5 \cdot 10^{-4} \text{ M}$ ) in  $0.1 \text{ M}$  TBAHP/*o*-DCB:CH<sub>3</sub>CN (95:5); **A**, oxidation potential of PMT anion, **B** and **C**, reduction peaks of the C<sub>60</sub> moiety.



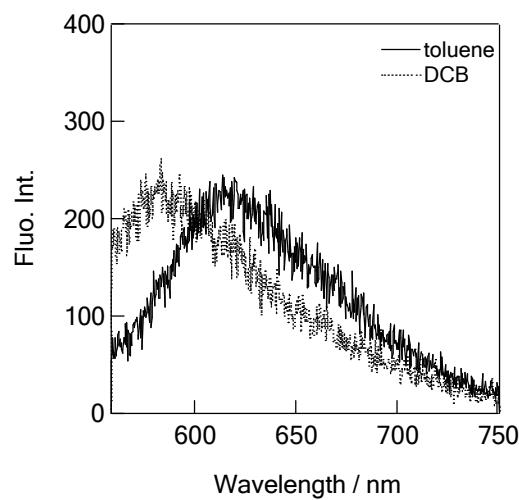
**Figure SI-3.** Optimized structures of  $\text{C}_{60}-(\text{PTM})_2$  **1**; C = gray, Cl = green, O = red, and blue = H.



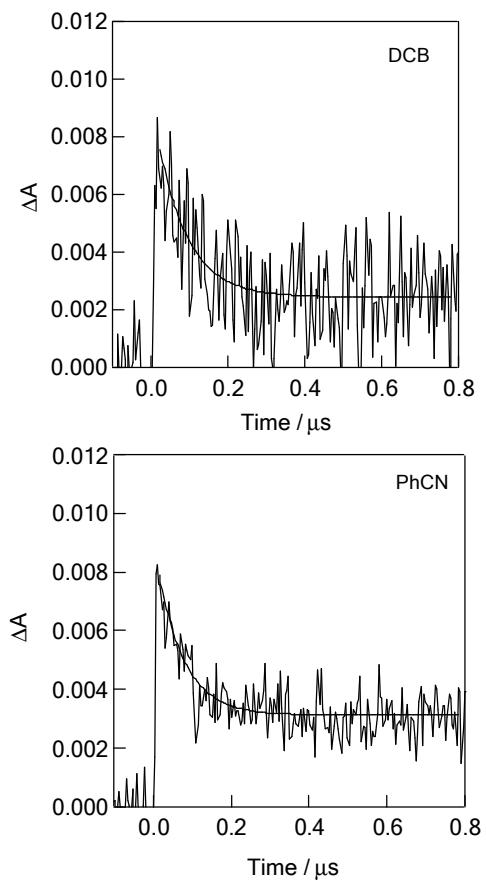
**Figure SI-4.** Time-resolved fluorescence spectra of  $(\text{PTM}^-)$  in *o*-DCB.



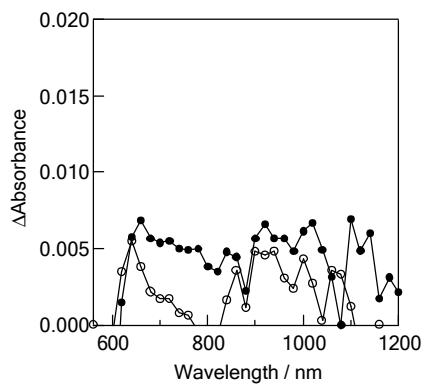
**Figure SI-5.** Time-resolved fluorescence spectra of  $\text{C}_{60}-(\text{PTMH})_2$  in toluene.



**Figure SI-6.** Time-resolved fluorescence spectra of  $\text{C}_{60}-(\text{PTM}^-)_2$ .



**Figure SI-7.** Absorption-time profiles of the transient species of  $\text{C}_{60}(\text{PTM}^-)_2$  at 1020 nm in *o*-DCB and PhCN.



**Figure SI-8.** Nanosecond transient absorption spectra of 0.10 mM  $\text{C}_{60}(\text{PTM}^-)_2$  observed by 355 nm laser irradiation at 100 ns (●) and 1000 ns (○) in PhCN.