

Supporting Information

Synthesis and Electron Transporting Properties of Methanofullerene-*o*-Carborane Dyads in Organic Field-Effect Transistors

Maengsun Eo,^a Hye Jin Bae,^a Minsaeng Hong,^c Youngkyu Do^{a,} Shinuk Cho,^{b,*} and Min Hyung Lee^{c,*}*

^a Department of Chemistry, KAIST, Daejeon 305–701, Republic of Korea. ^b Department of Physics and EHSRC, University of Ulsan, Ulsan 680–749, Republic of Korea ^c Department of Chemistry and EHSRC, University of Ulsan, Ulsan 680–749, Republic of Korea

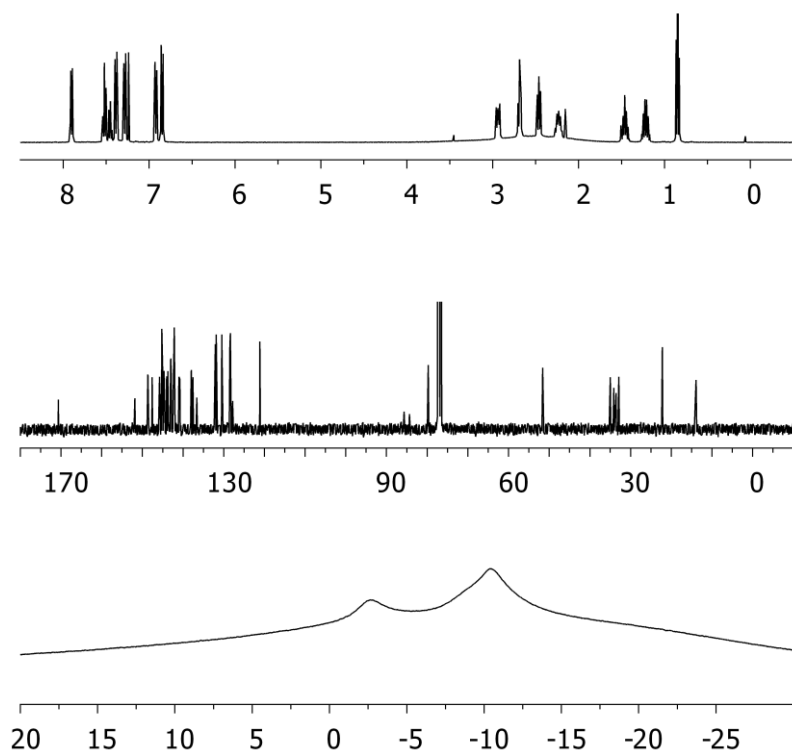


Figure S1. ^1H (top), ^{13}C (middle) and ^{11}B (bottom) NMR spectra of **PCB-Ph-CB**.

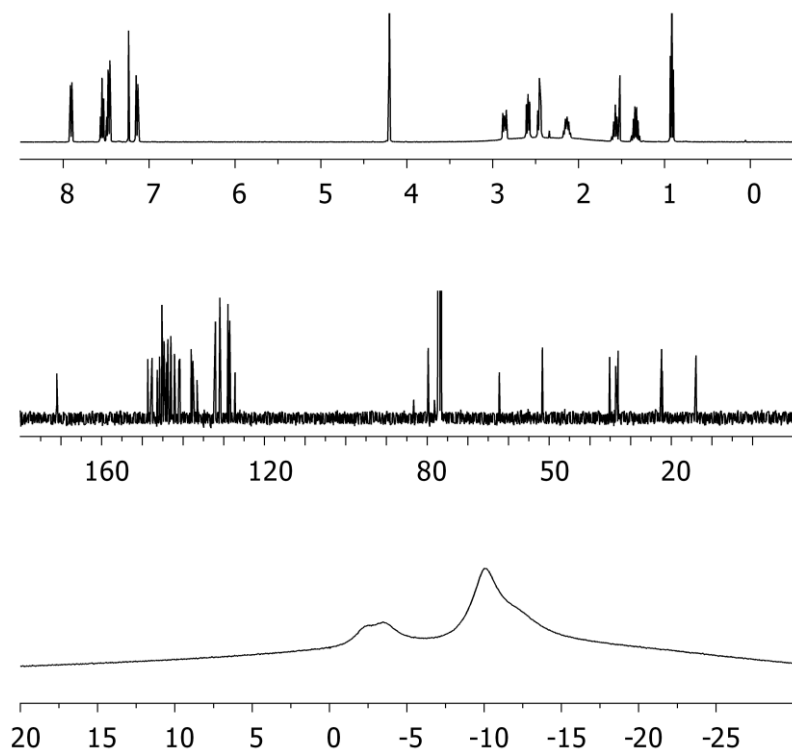


Figure S2. ^1H (top), ^{13}C (middle) and ^{11}B (bottom) NMR spectra of **PCB-C1-CB**.

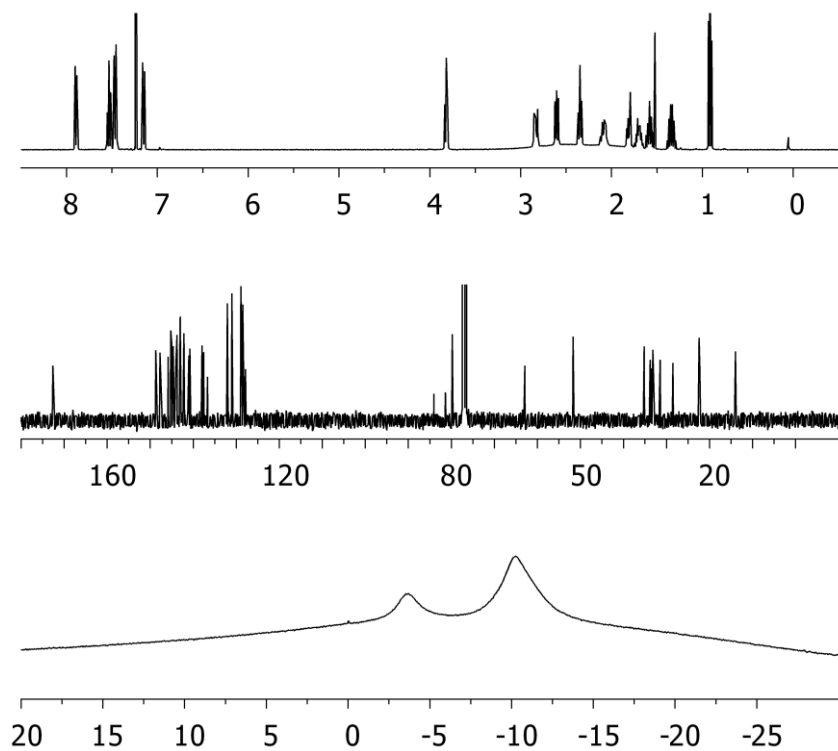


Figure S3. ^1H (top), ^{13}C (middle) and ^{11}B (bottom) NMR spectra of PCB-C3-CB.

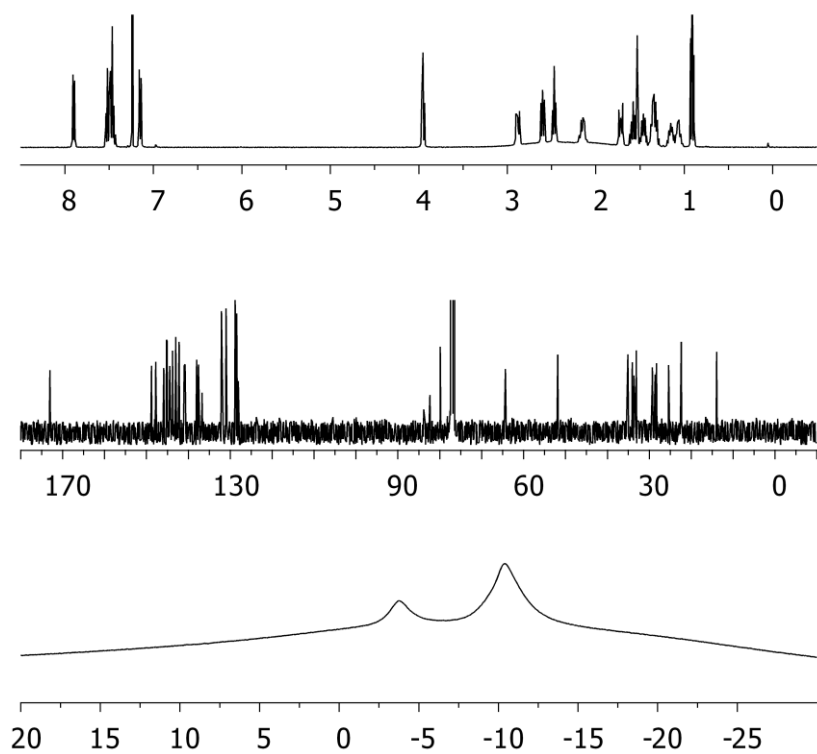


Figure S4. ^1H (top), ^{13}C (middle) and ^{11}B (bottom) NMR spectra of PCB-C6-CB.

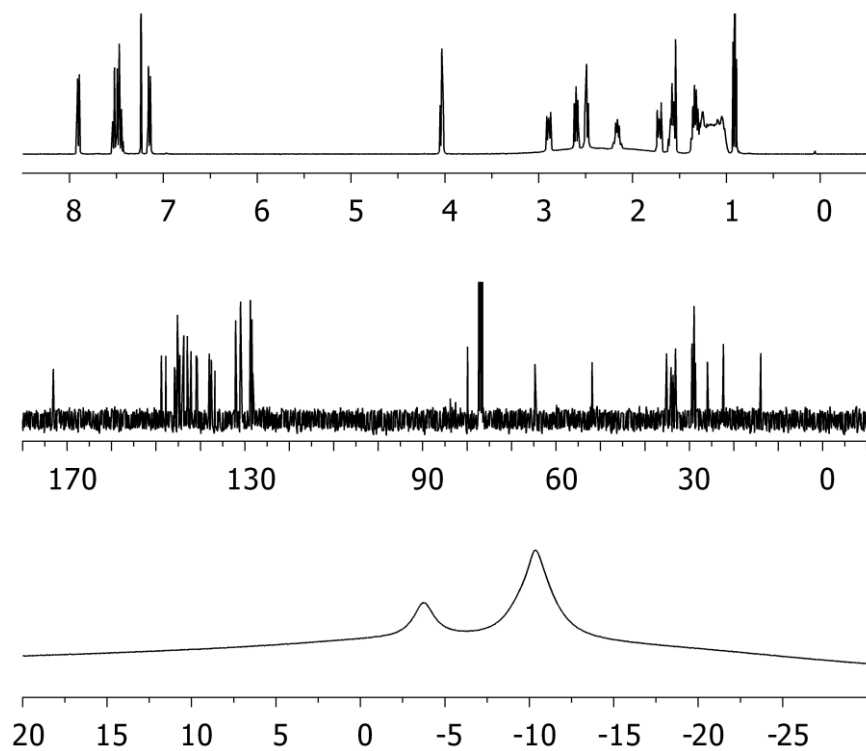


Figure S5. ^1H (top), ^{13}C (middle) and ^{11}B (bottom) NMR spectra of PCB-C11-CB.

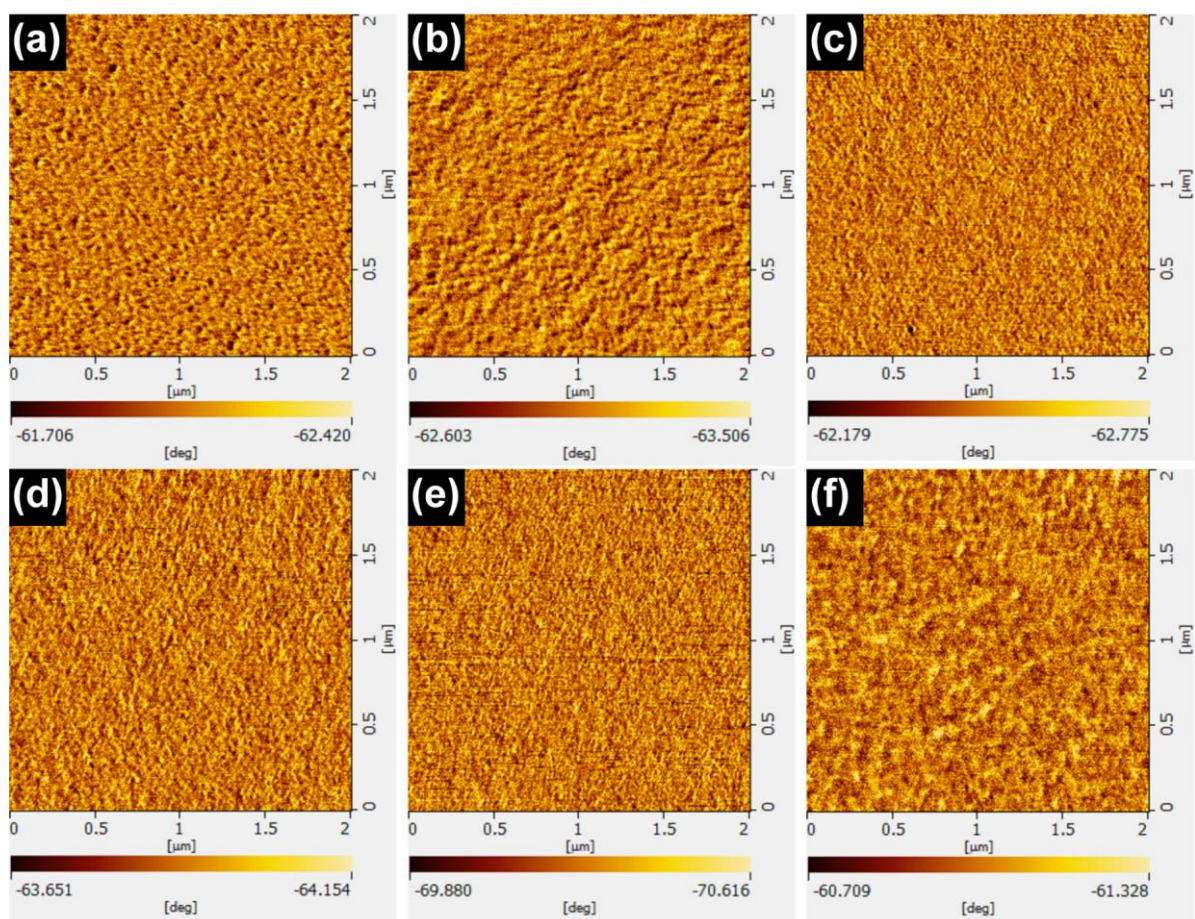


Figure S6. AFM phase images of thin films of (a) **PCB-Ph-CB**, (b) **PCB-C1-CB**, (c) **PCB-C3-CB**, (d) **PCB-C6-CB**, (e) **PCB-C11-CB**, and (f) physical blend of PCBM and 1-(4-*n*-BuC₆H₄)-2-Me-1,2-*closo*-C₂B₁₀H₁₀.