

Supporting information

Thieno[3,2-b]thiophene Oligomers as p-Type Organic Semiconductors and their Supramolecular Bulk Self-Organization

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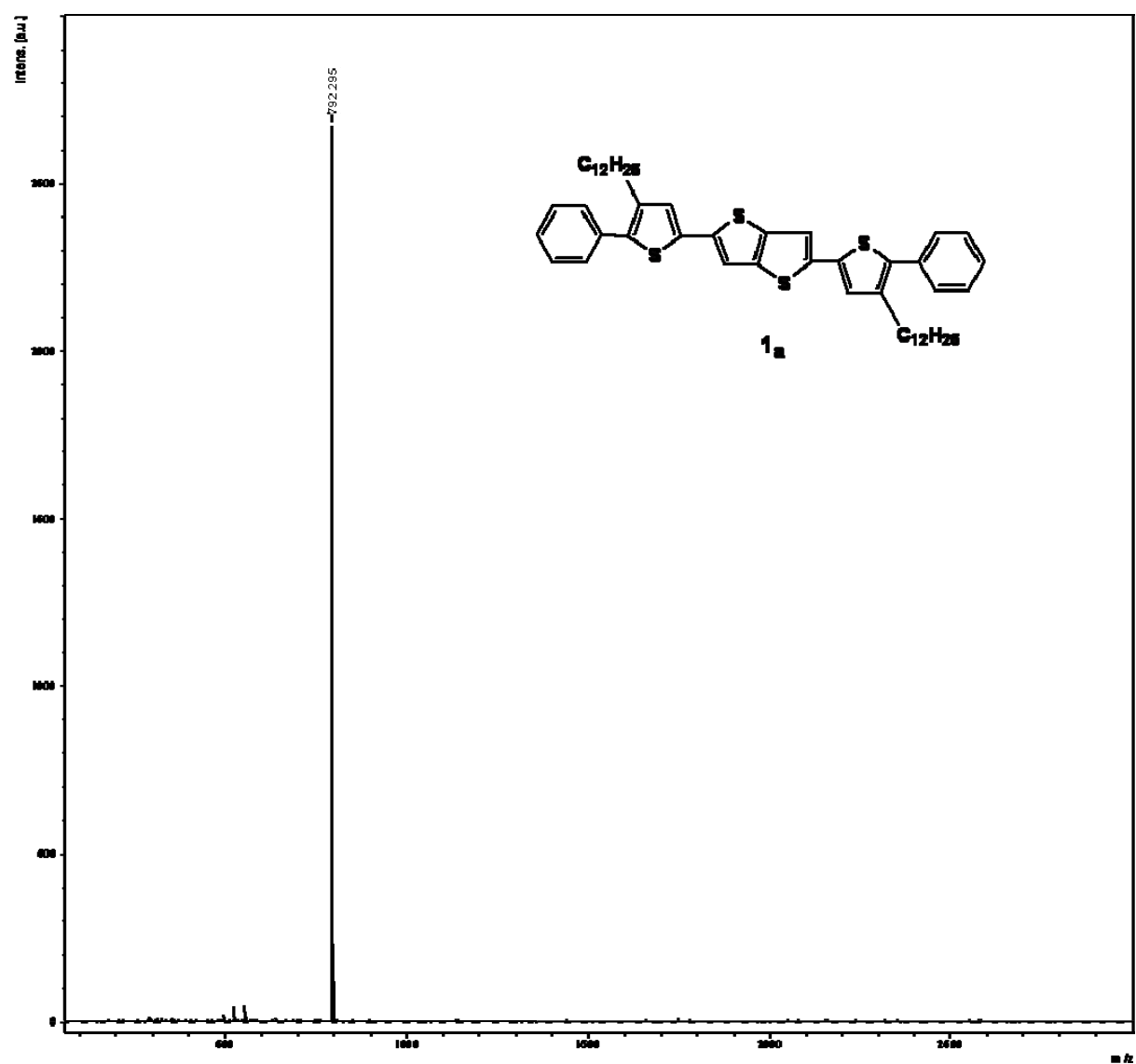


Figure S1. MALDI-TOF-MS (dithranol) of **1a**, $M = 972.295$

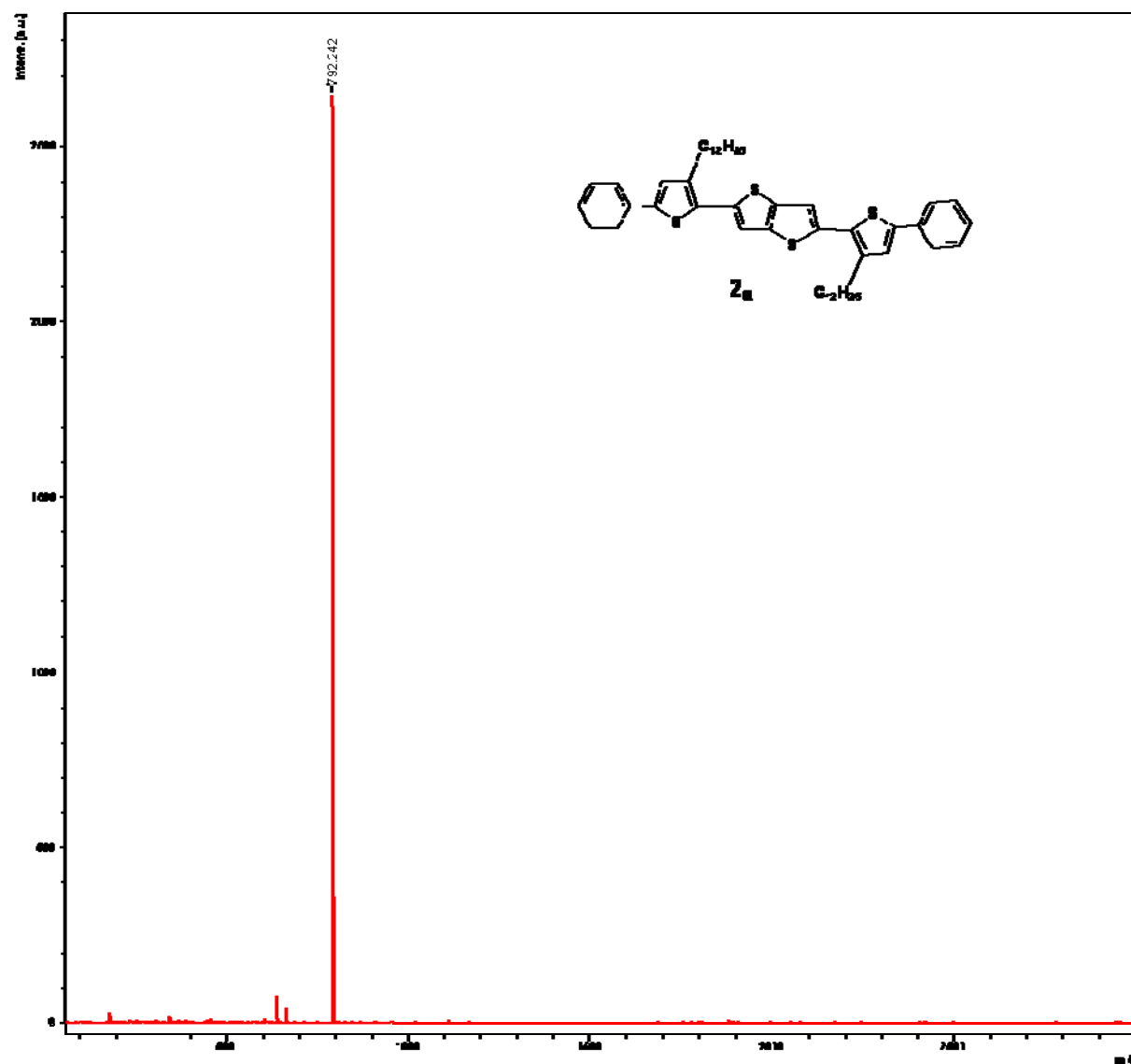


Figure S2. MALDI-TOF-MS (dithranol) of **2a** $M = 972.242$

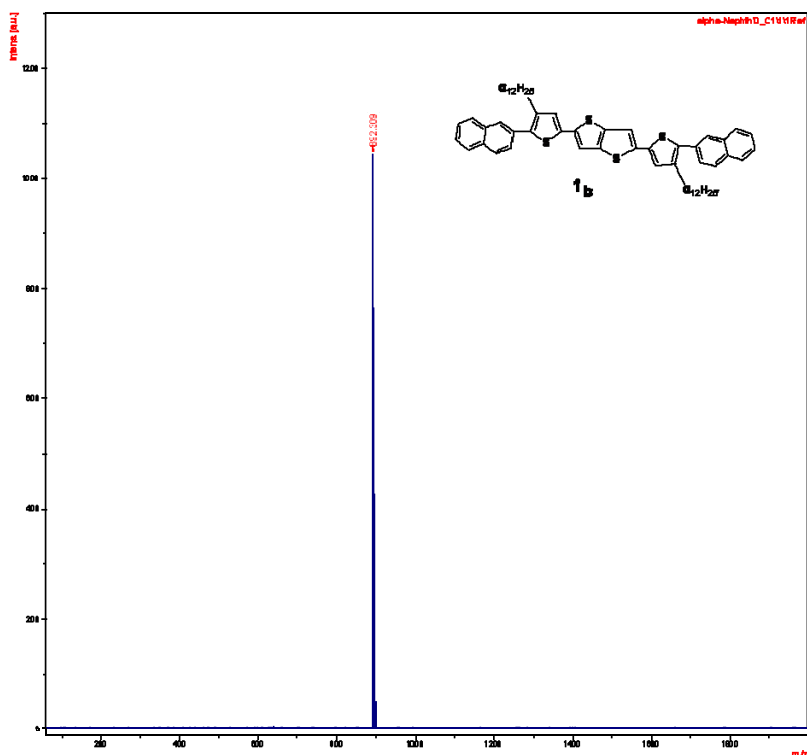


Figure S3. MALDI-TOF-MS (dithranol) of **1b**, $M = 892.309$

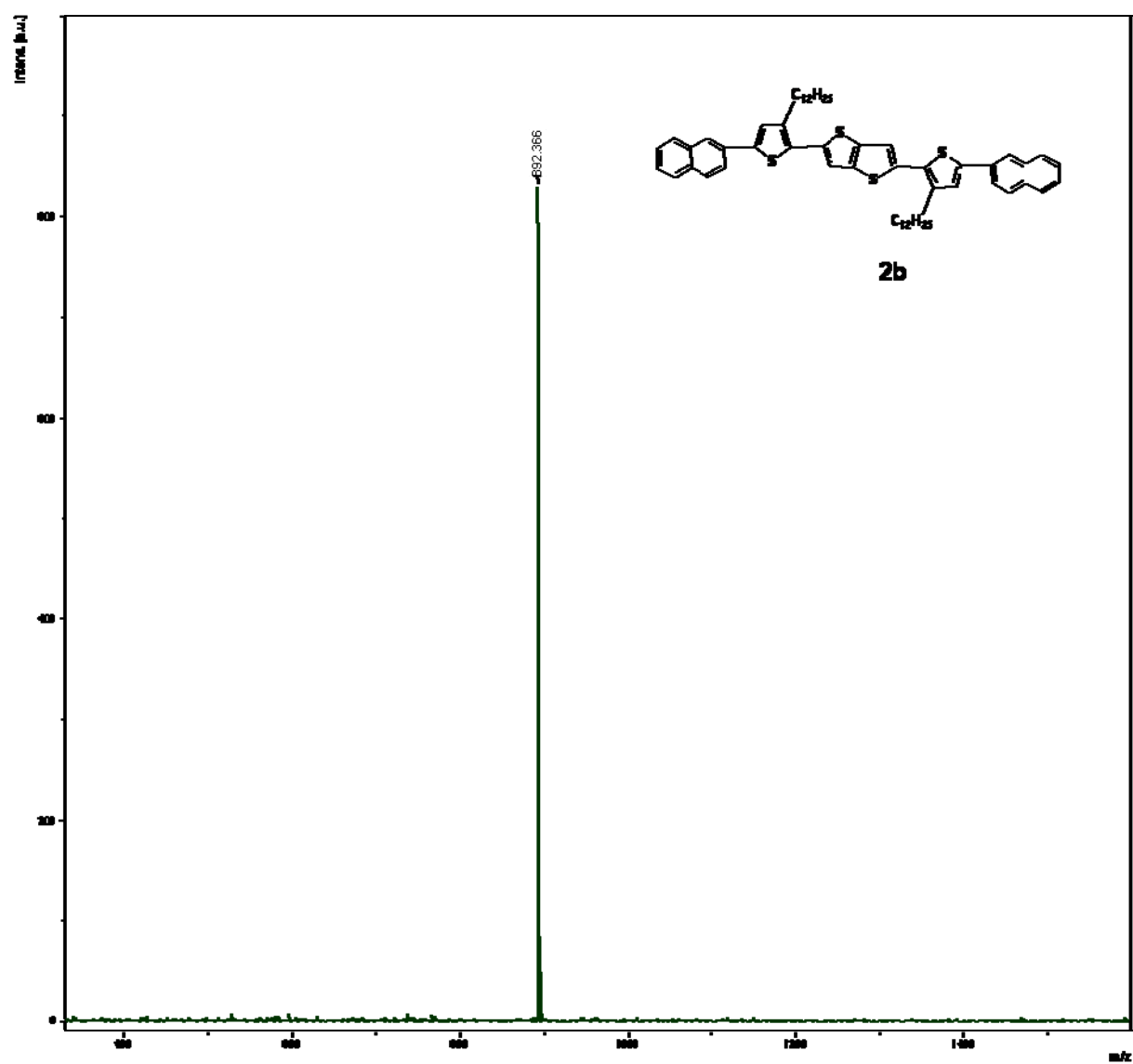


Figure S4. MALDI-TOF-MS (dithranol) of **2b** $M = 892.366$

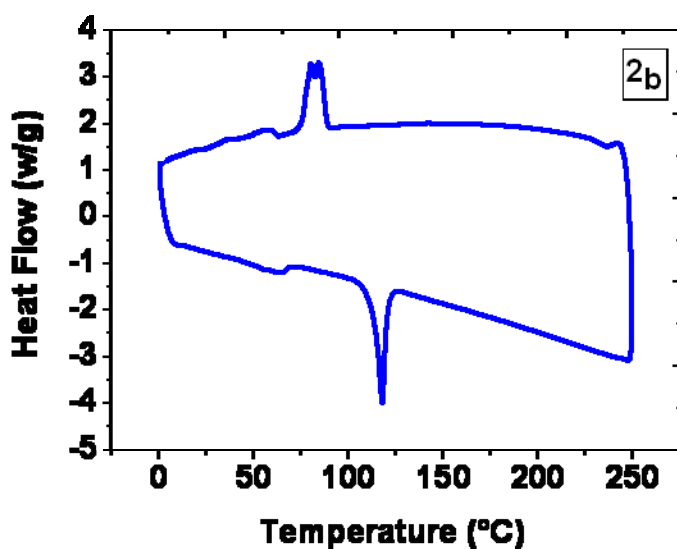
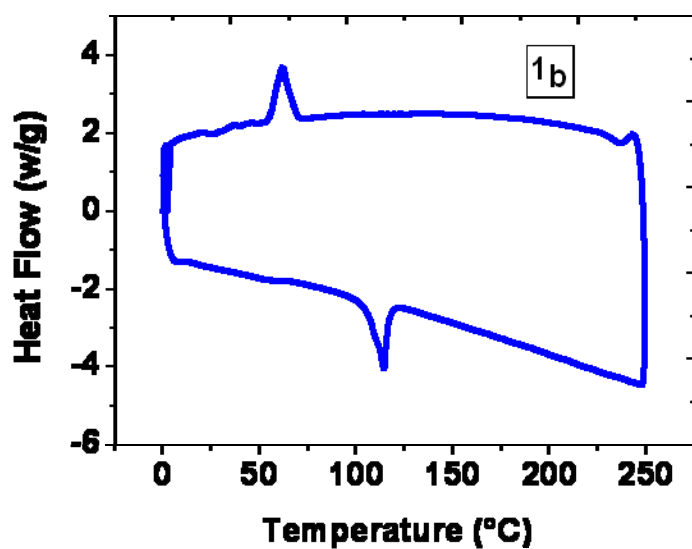


Figure S5. DSC scans for **1b** and **2b** at a rate of 10 °C/min. The heating/cooling

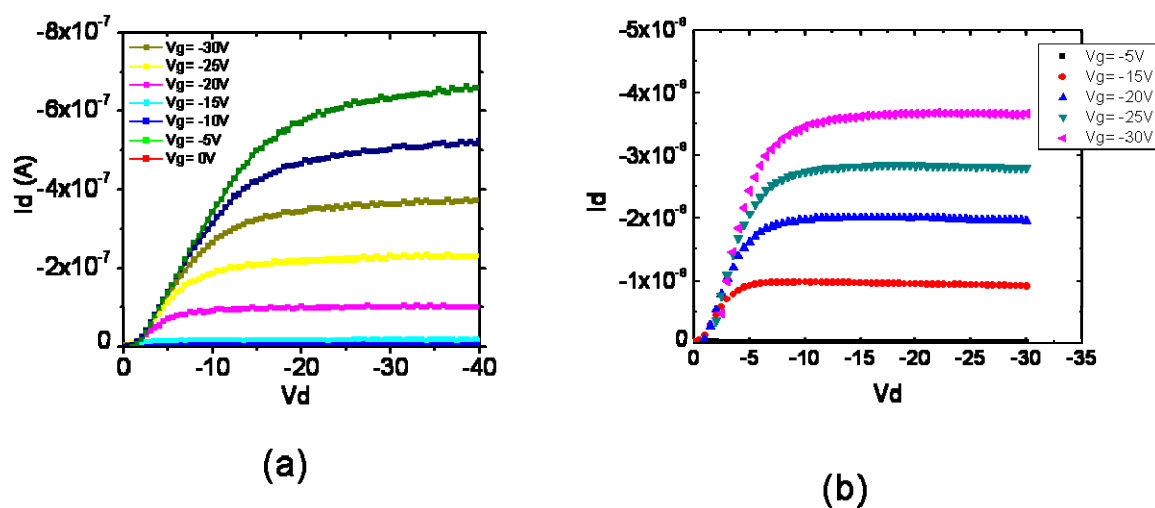


Figure S6. Output and transfer characteristics of **1a** for a bottom-contact device (a) with $W = 30 \mu\text{m}$ and $L = 11120 \mu\text{m}$ and a top-contact device (b) with $W = 150 \mu\text{m}$ and $L = 500 \mu\text{m}$