

Supporting Information

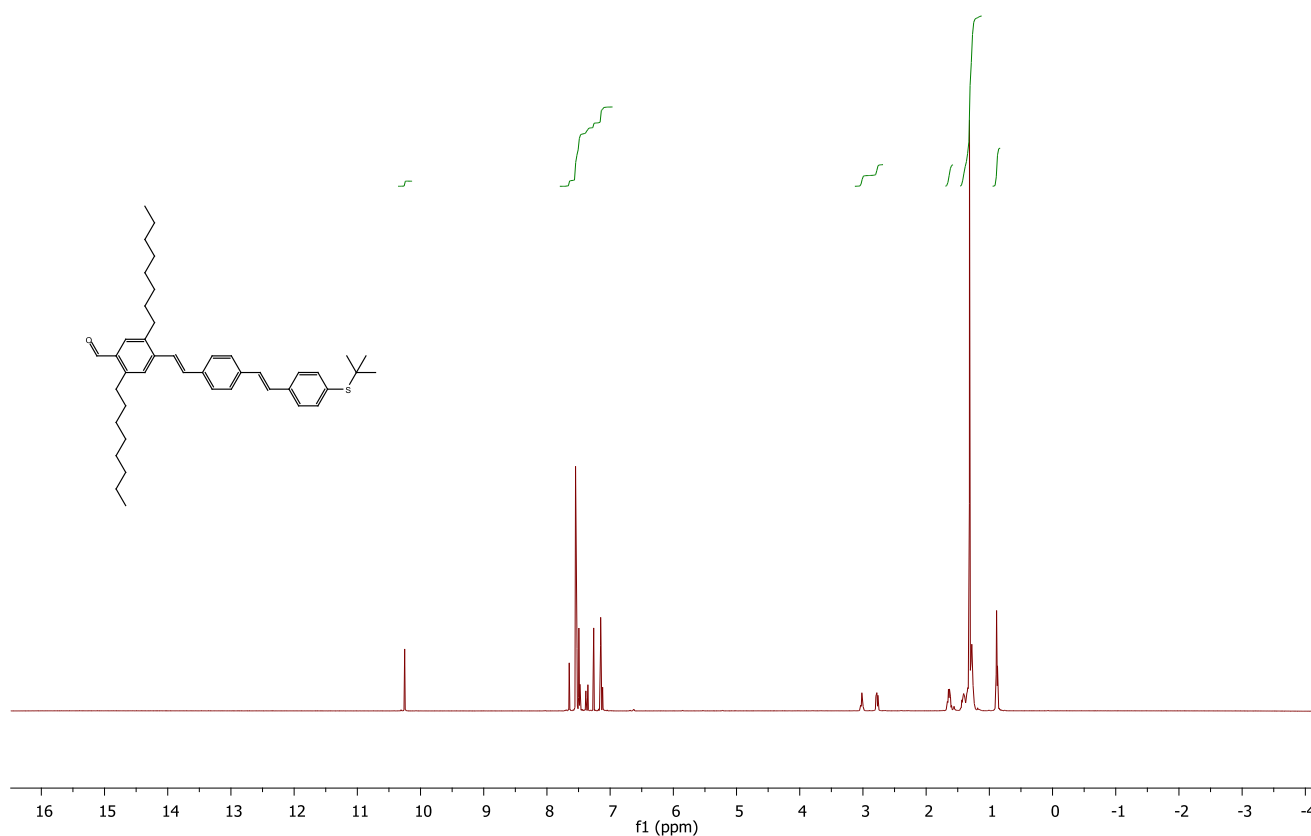
The Challenge of Synthesizing Oligomers for Molecular Wires

Roar S øndergaard and Frederik C. Krebs *

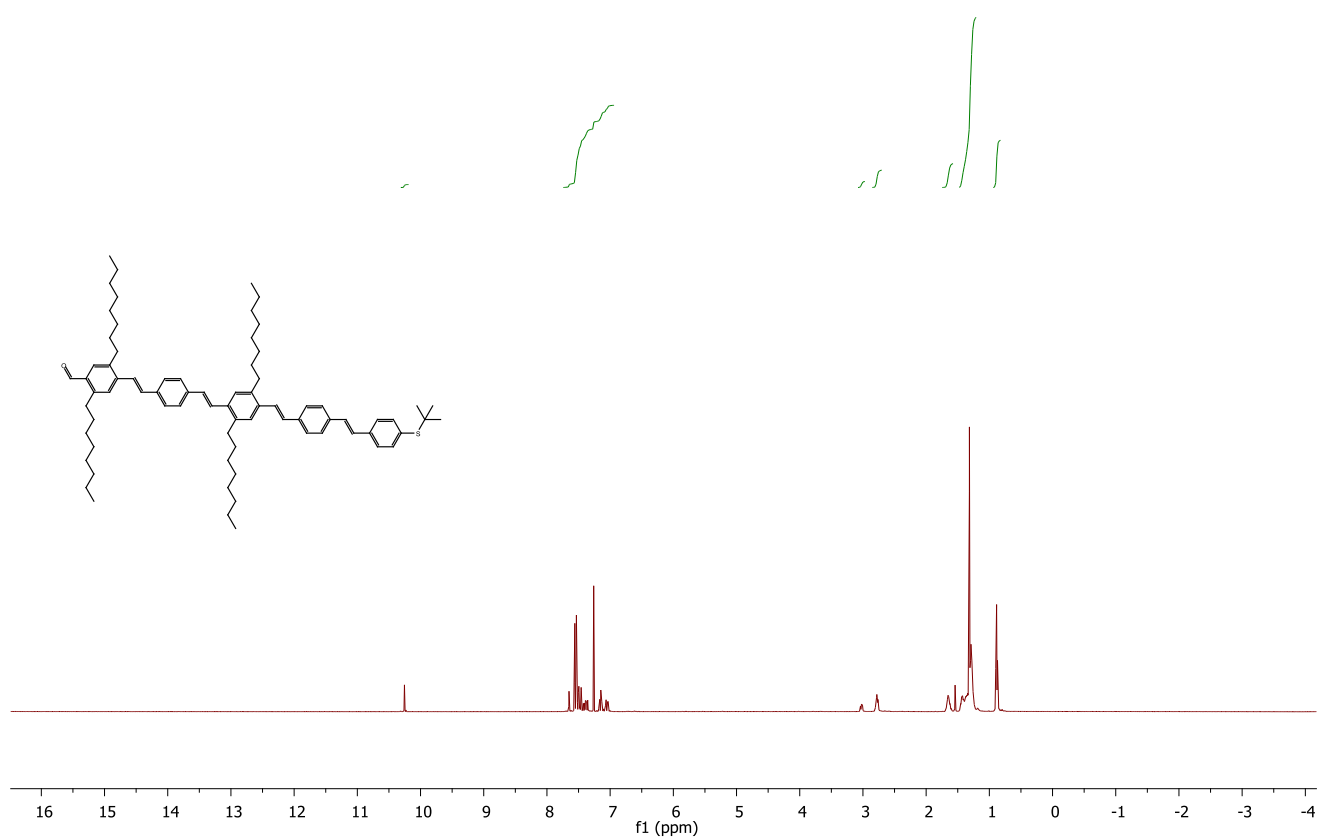
Ris ø National Laboratory for Sustainable Energy, Technical University of Denmark, Frederiksborgvej 399, DK-4000 Roskilde, Denmark; E-Mail: rosq@risoe.dtu.dk; frkr@risoe.dtu.dk

NMR:

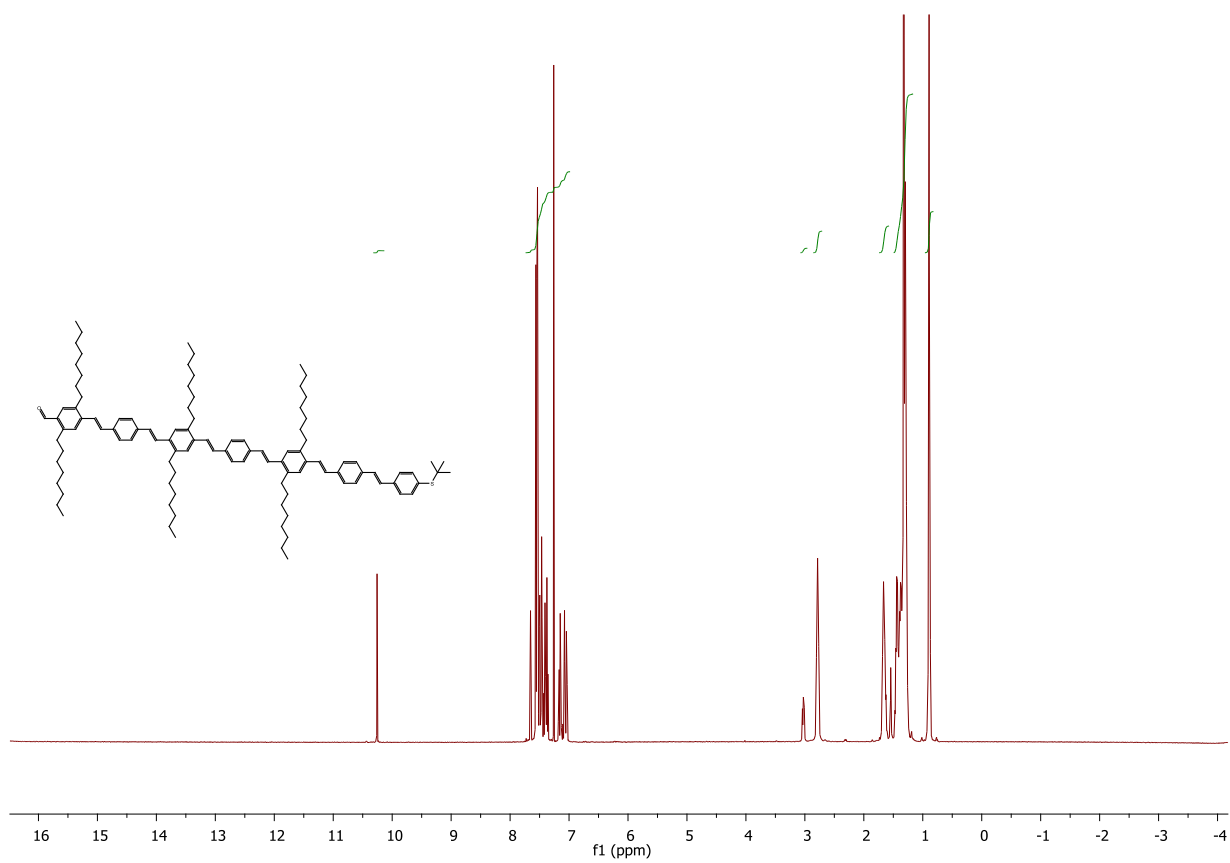
Compound 7:



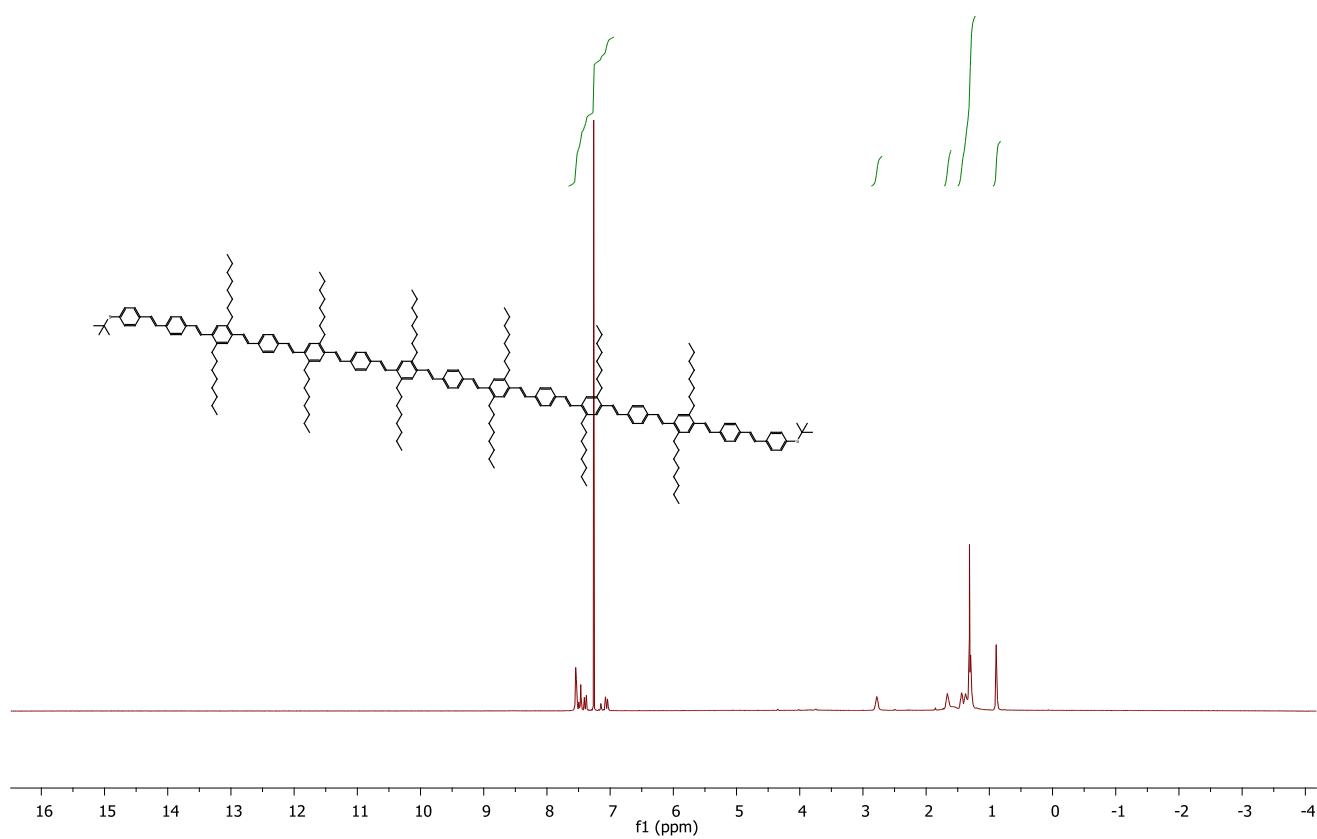
Compound **8**:



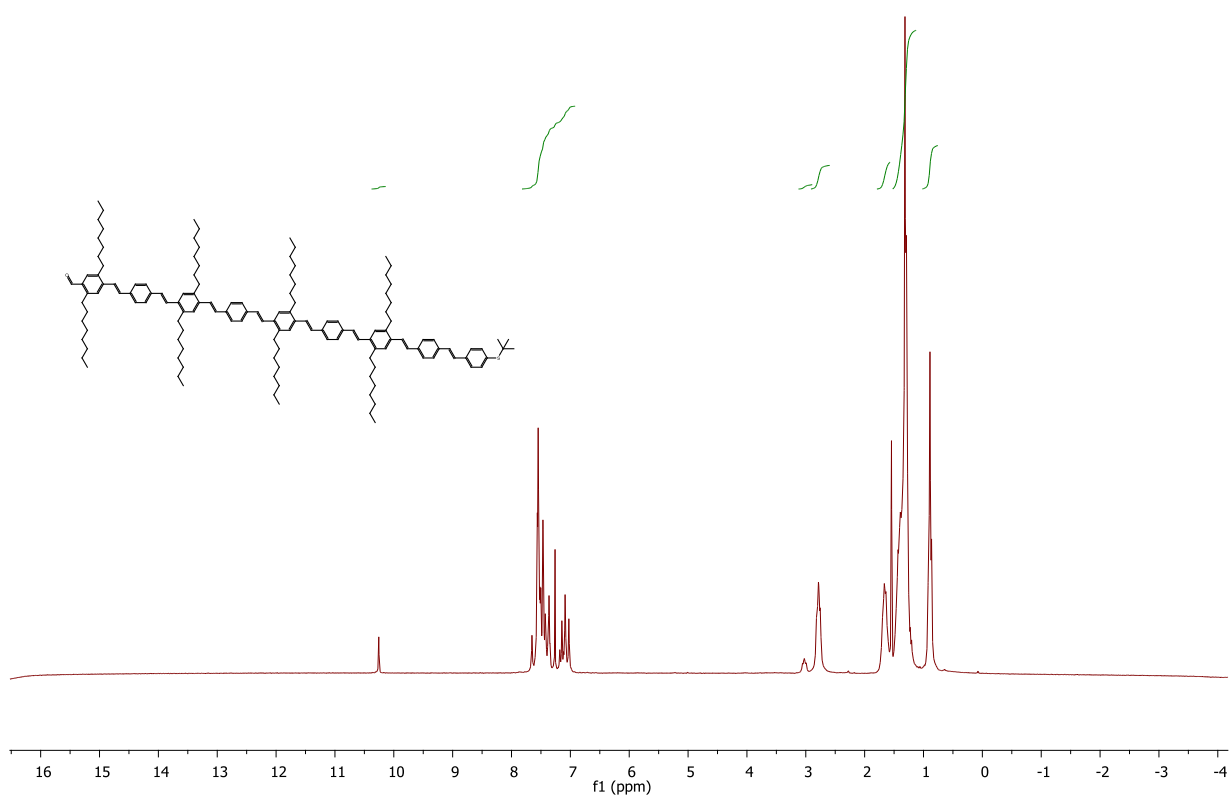
Compound **9**:



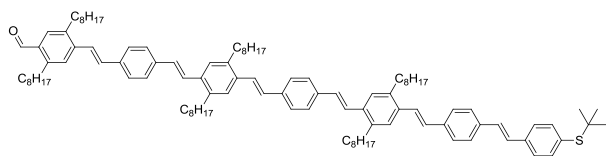
Compound 10:



Compound 11:



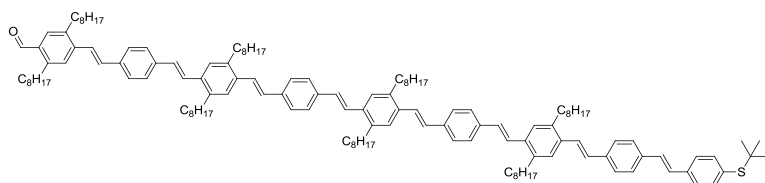
Size Exclusion Chromatography:



Compound 9

Chemical Formula: C₁₀₇H₁₄₆OS

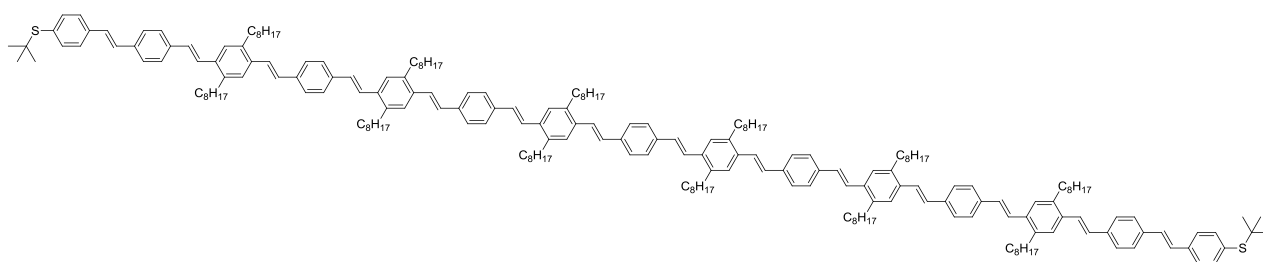
Molecular Weight: 1480,37



Compound 11

Chemical Formula: C₁₃₉H₁₉₀OS

Molecular Weight: 1909,06



Compound 10

Chemical Formula: C₂₂₂H₂₉₈S₂

Molecular Weight: 3030,87

S-1. Chemical structure and SEC chromatogram's of the compound 9 (black) 11 (purple) and 10 (turquoise).

