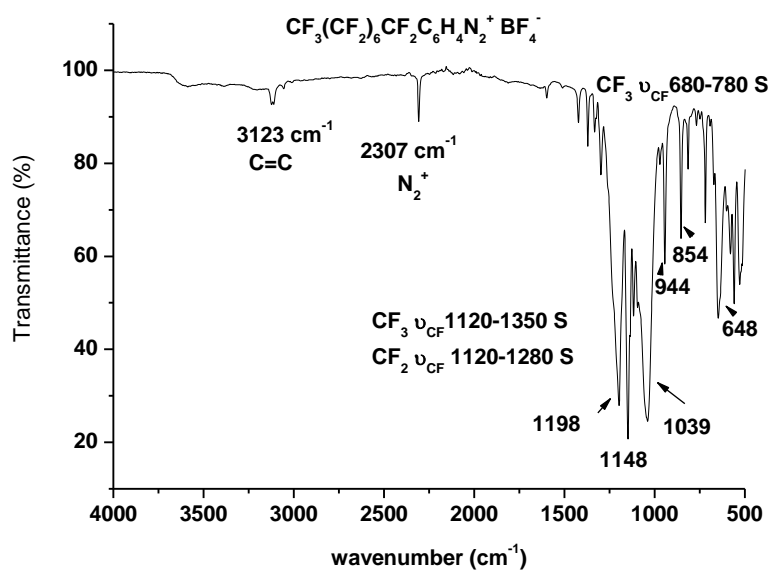


Electronic Supplementary Information



Supp Inf. Figure 1: IR spectrum of heptadecylfluorooctylbenzene diazonium tetrafluoroborate (HDFOBDT).

Supp. Inf. Table 1: Standard Potentials

Electrode	Potential vs Hydrogen electrode (V)
Gold Au /Au ³⁺ + 3e ⁻	+1,50
Platinum Pt /Pt ²⁺ + 2e ⁻	+1,20
Silver Ag /Ag ⁺ + e ⁻	+0,80
Copper Cu /Cu ²⁺ + 2e ⁻	+0,34
Stainless steel	0 (after few days)
Hydrogen 2H ⁺ /H ₂ + 2e ⁻	0
Lead Pb /Pb ²⁺ + 2e ⁻	-0,13
Nickel Ni /Ni ²⁺ + 2e ⁻	-0,26
Iron Fe /Fe ²⁺ + 2e ⁻	-0,447
Chrome Cr /Cr ³⁺ + 3e ⁻	-0,74
Zinc Zn /Zn ²⁺ + 2e ⁻	-0,76
Zirconium Zr/Zr ⁴⁺ + 4e ⁻	-1.45
Titane Ti /Ti ²⁺ + 2e ⁻	-1,63
Aluminium Al /Al ³⁺ + 3e ⁻	-1,66
Magnesium Mg /Mg ²⁺ + 2e ⁻	-2,37