

Supporting information

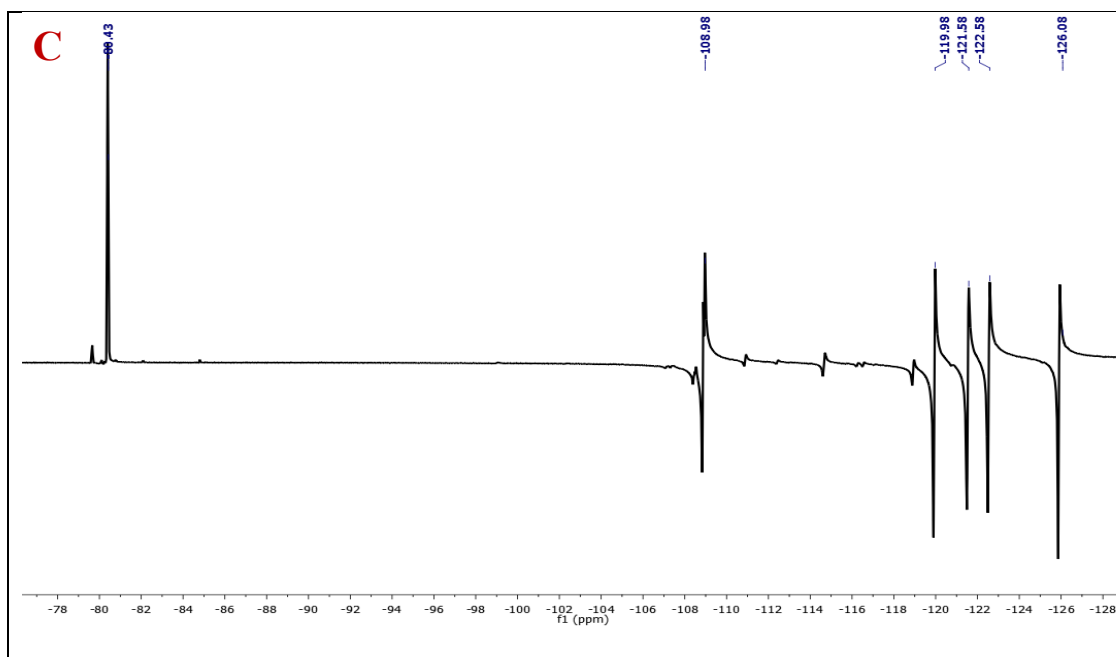
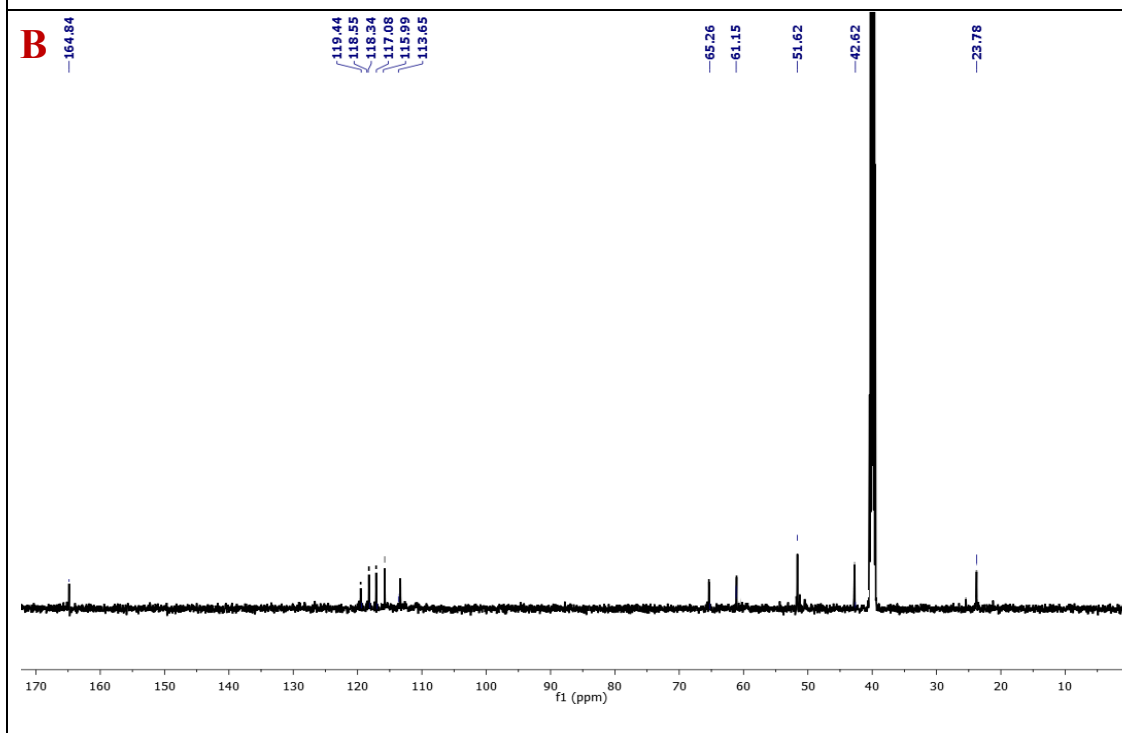
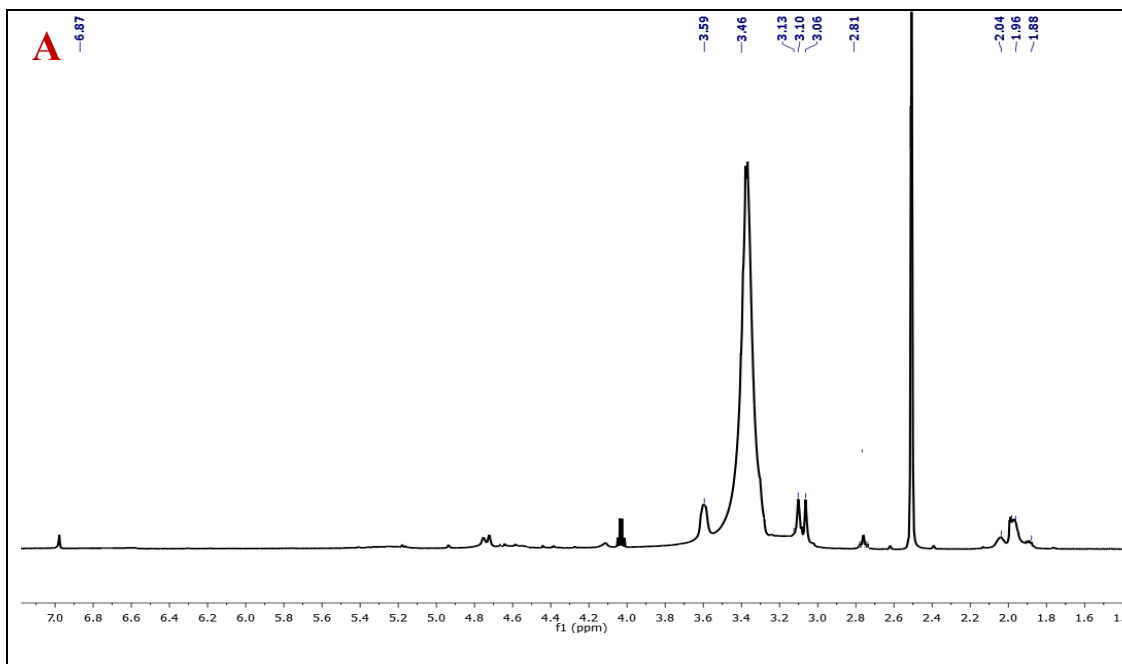


Figure S1. ^1H (A), ^{13}C (B) and F^{19} NMR(C) spectra of *N*-(3-(dimethylamino)propyl)-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonamide



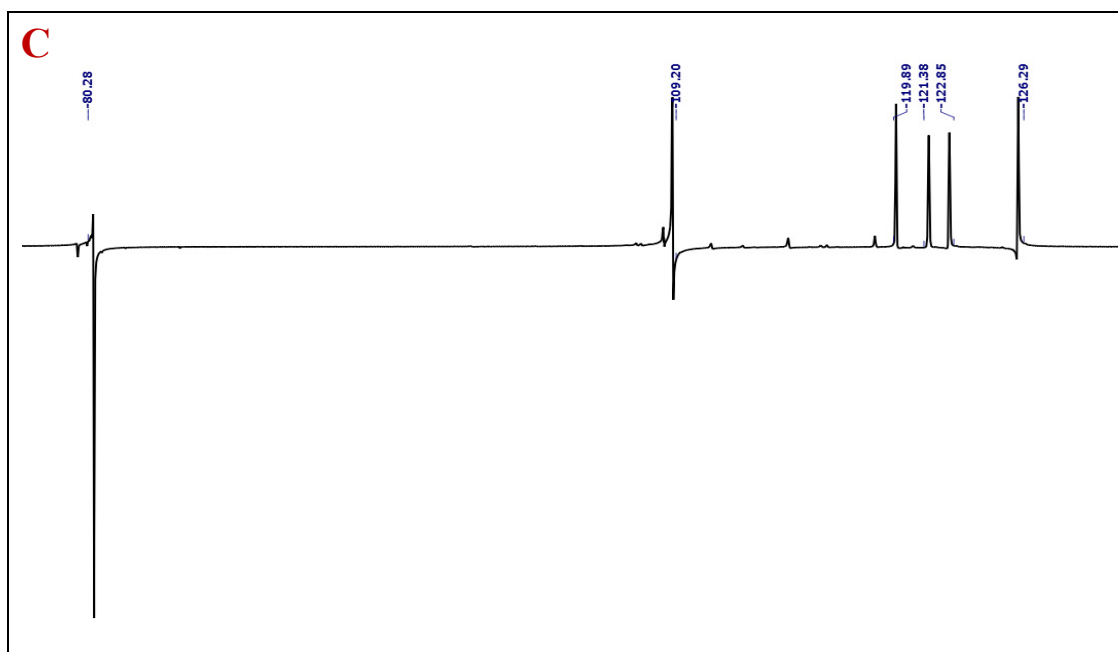
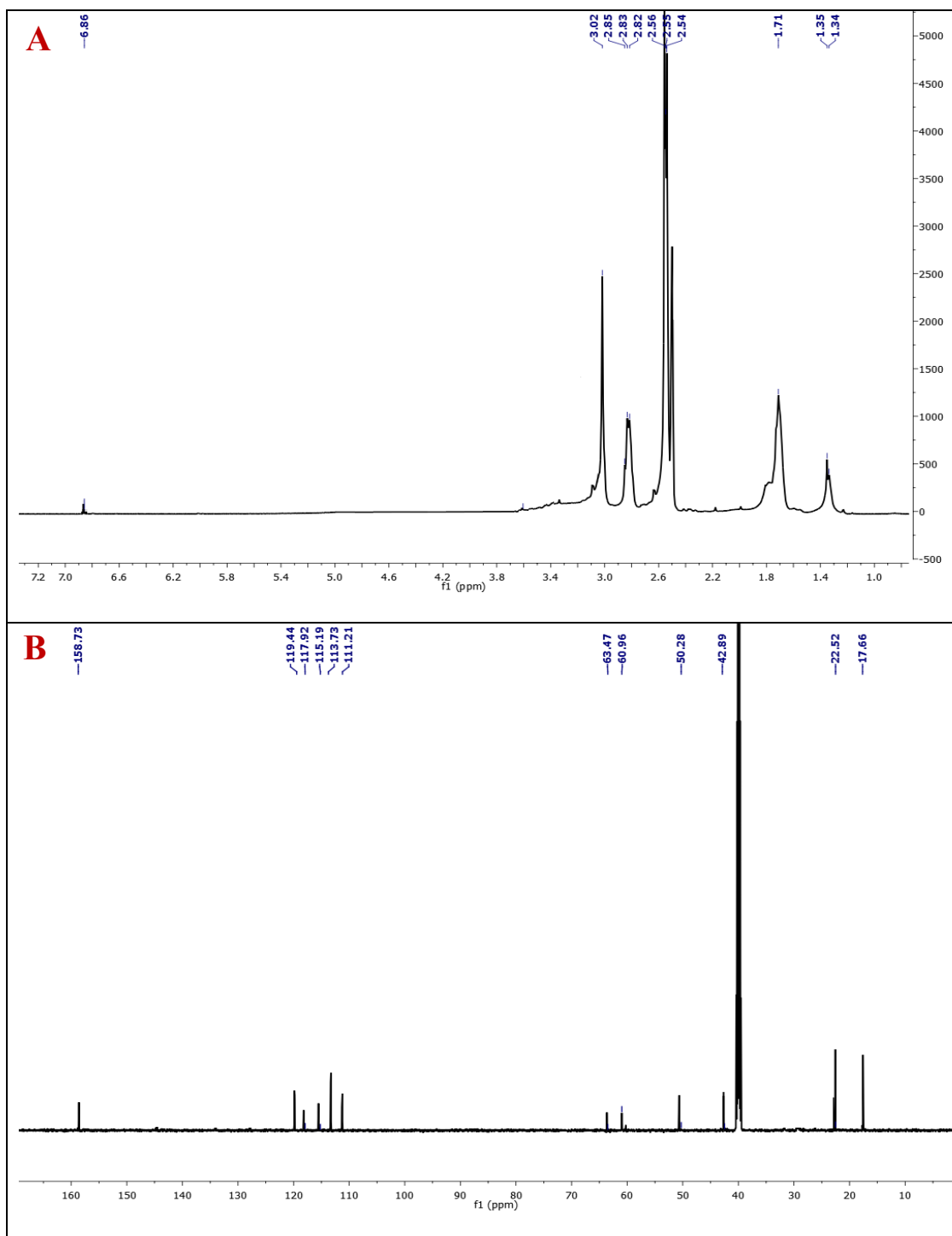


Figure S2. 1H (A), ^{13}C (B) and F^{19} NMR(C) spectra of N^I, N^I, N^4, N^4 -tetramethyl- N^I, N^4 -bis(3-((perfluorohexyl)sulfonamido)propyl)butane-1,4-diaminium iodide (**3a**, FSG6-2).



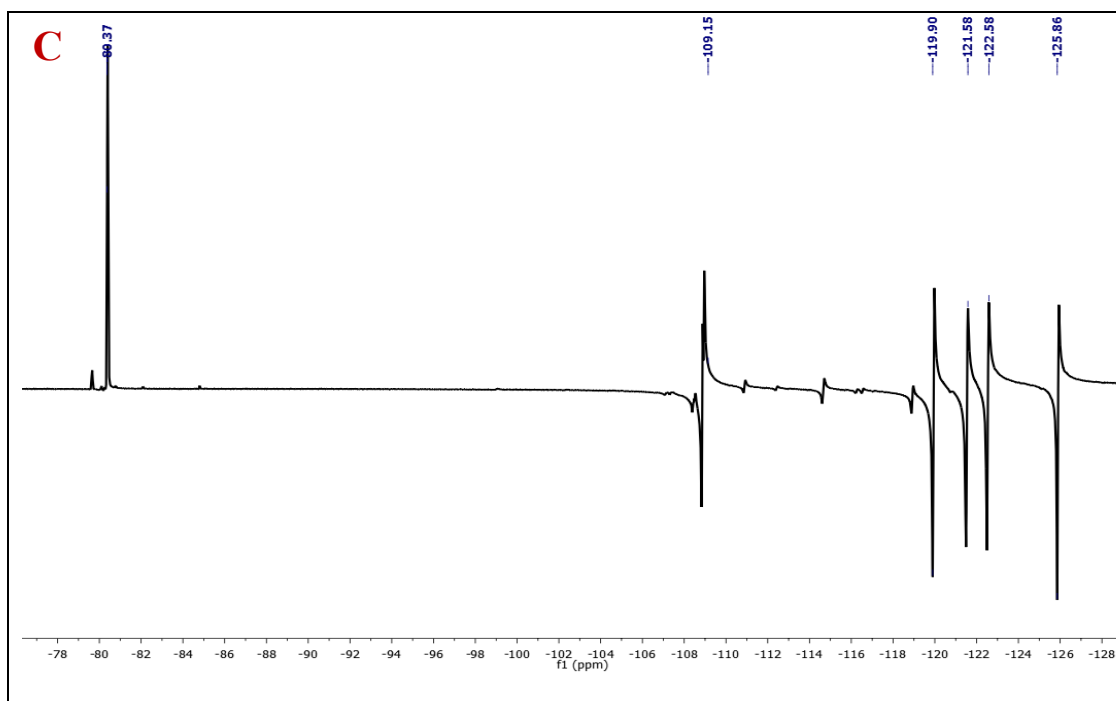
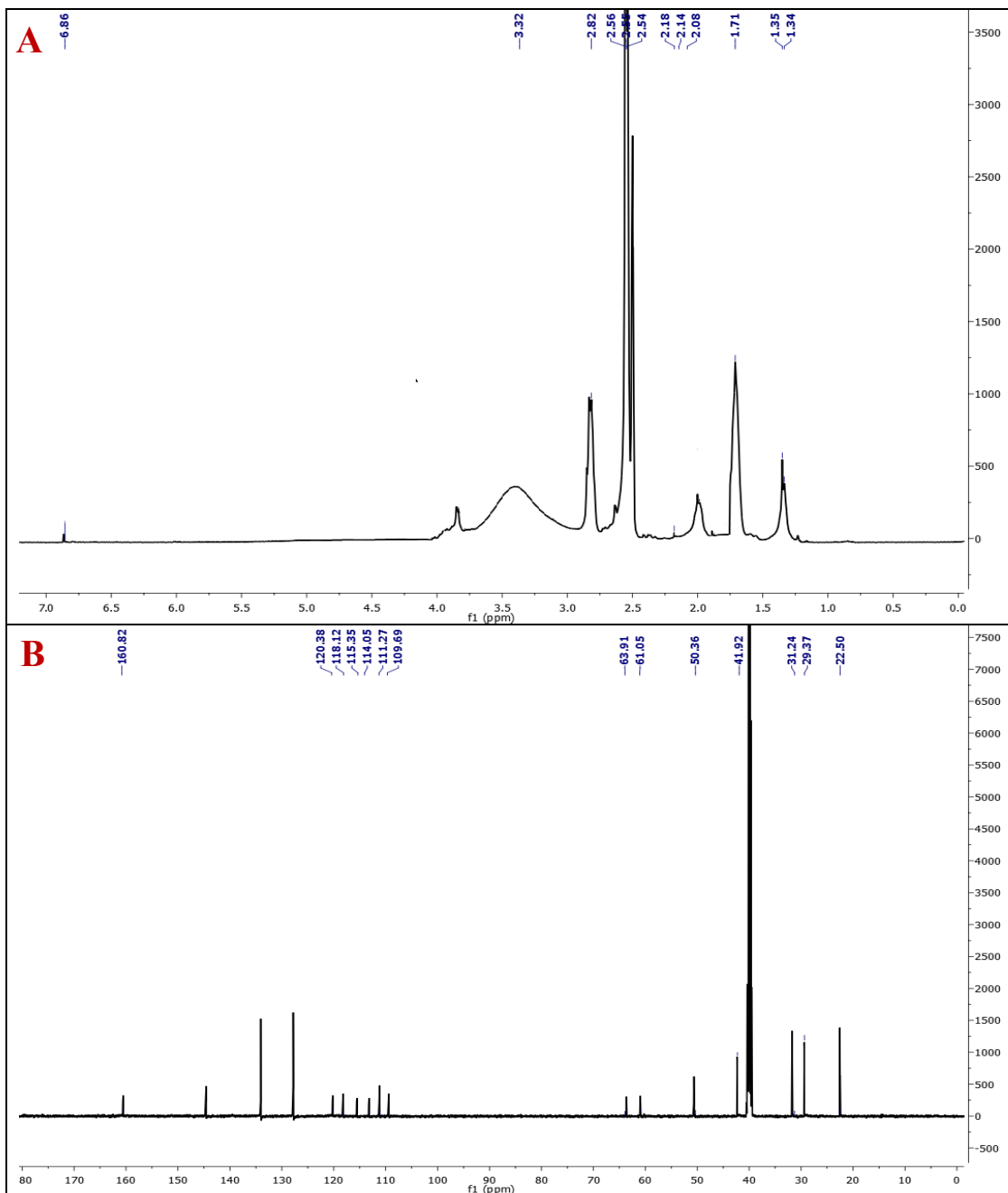


Figure S3. ^1H (A), ^{13}C (B) and F^{19} NMR(C) spectra of N^l, N^l, N^d, N^d -tetramethyl- N^l, N^d -bis(3-((perfluorohexyl)sulfonamido)propyl)butane-1,4-diaminium iodide (**3b**, FSG6-4)



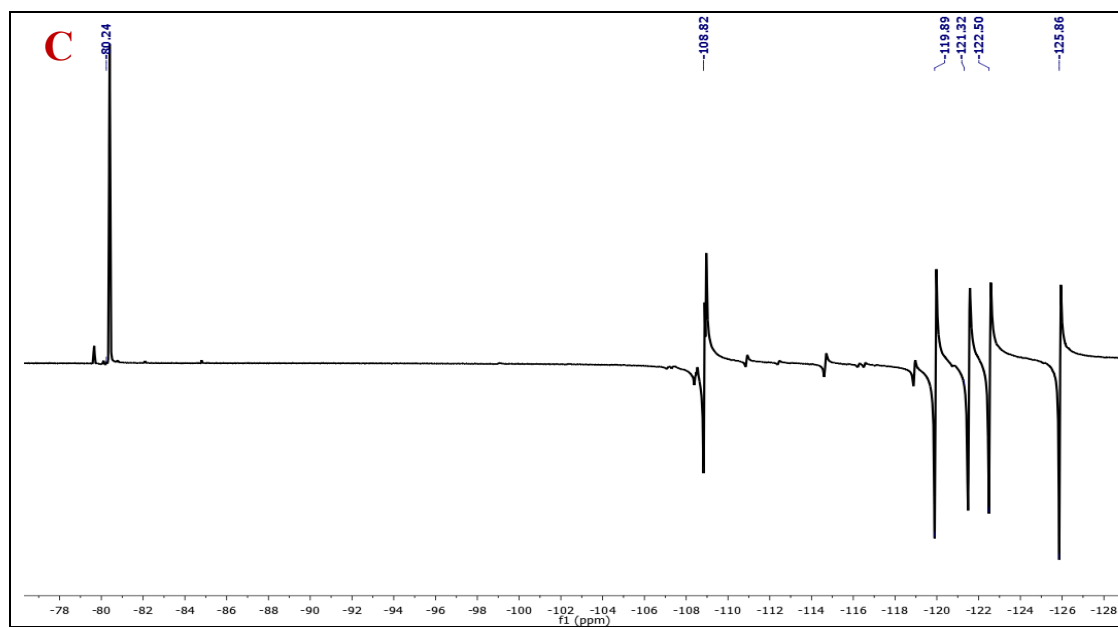


Figure S4. ^1H (A), ^{13}C (B) and F^{19} NMR(C) spectra of N^l, N^l, N^6, N^6 -tetramethyl- N^l, N^6 -bis(3-((perfluorohexyl)sulfonamido)propyl)hexane-1,6-diaminium iodide (**3c**, **FSG6-6**).