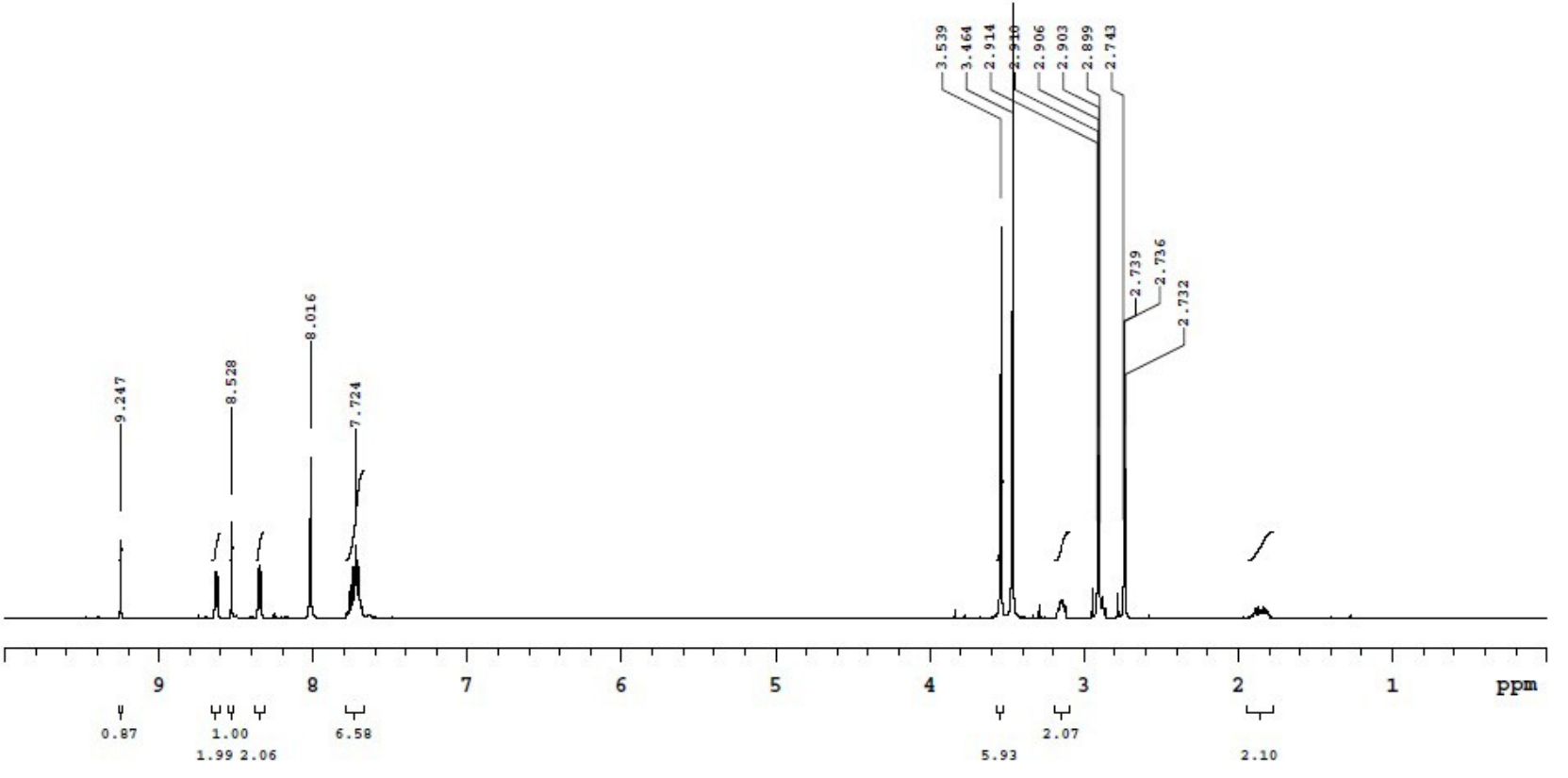This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2018