

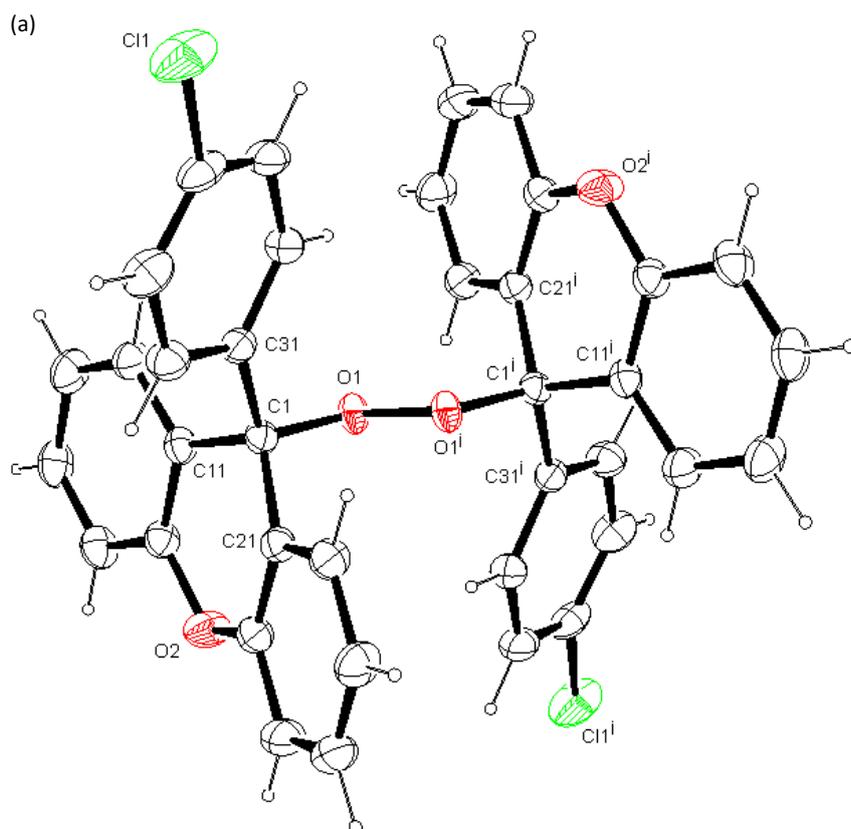
## SUPPLEMENTARY INFORMATION

### Extremely efficient host selectivity behaviour of stable di-(9-(*p*-chlorophenyl)xanthen-9-yl) peroxide towards *ortho*-xylene when crystallized from mixtures of the C<sub>8</sub>H<sub>10</sub> aromatic fraction of crude oil

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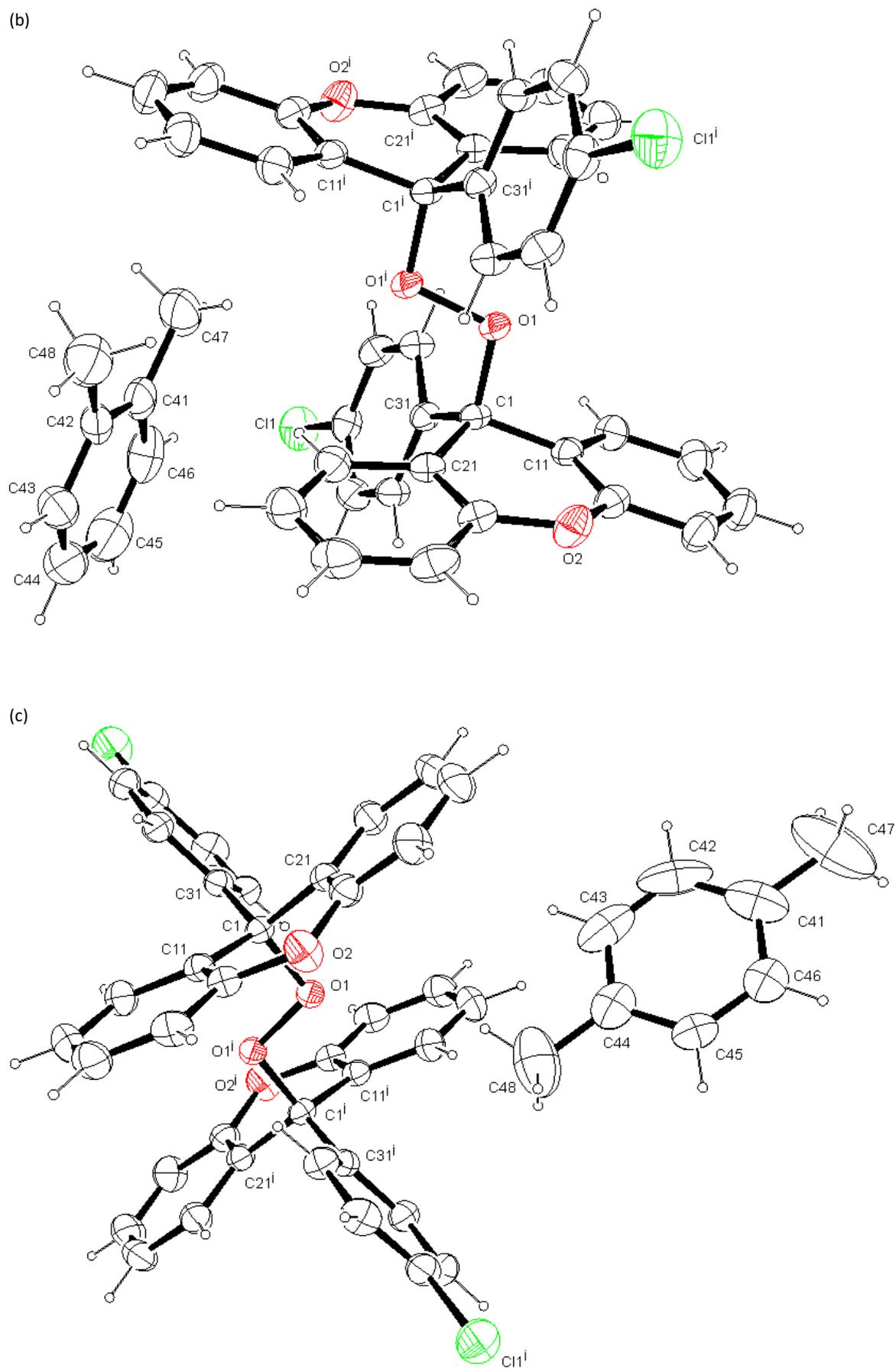
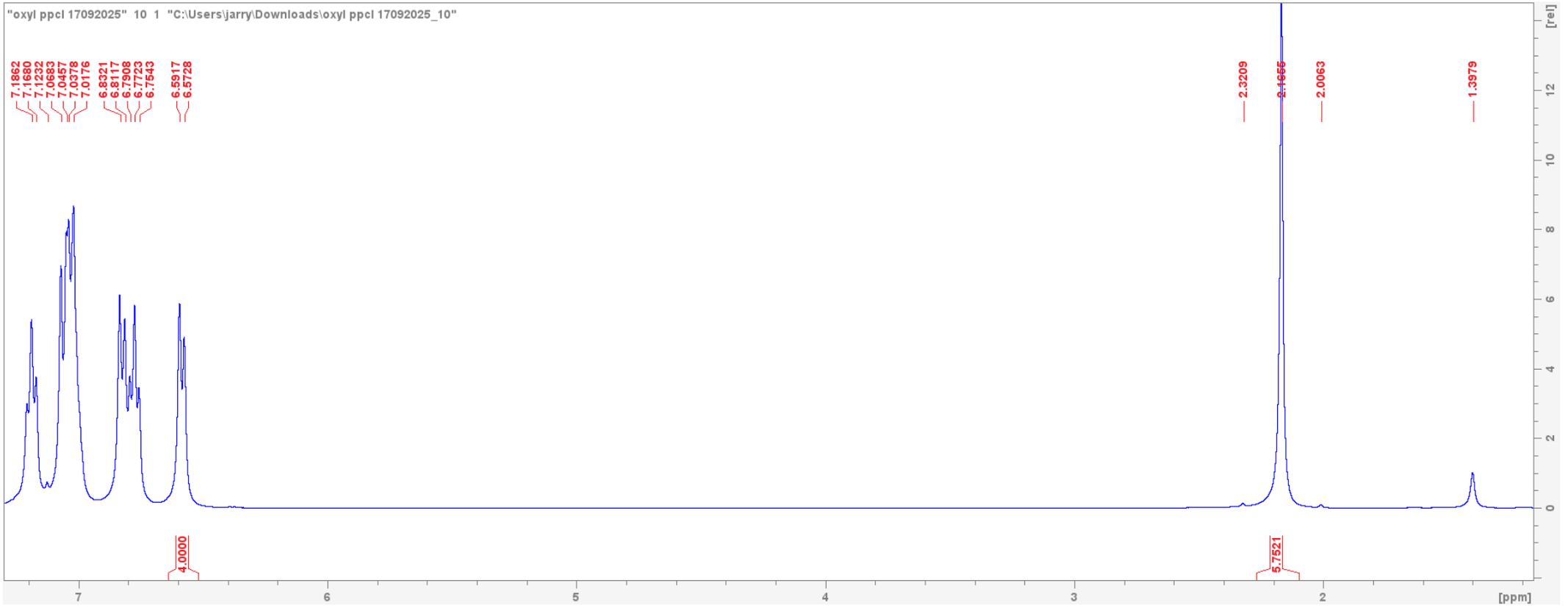


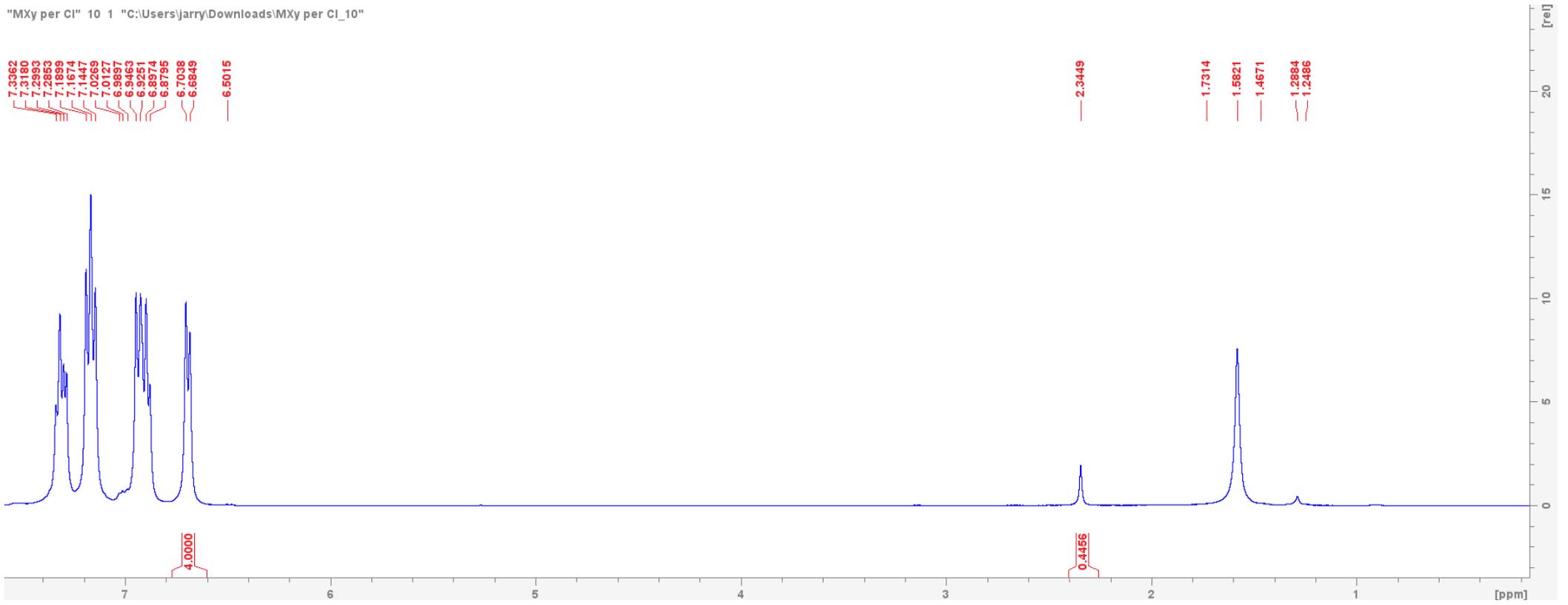
Figure S1 ORTEP diagrams for (a) guest-free H, (b) H-o-Xy and (c) H-2(p-Xy).

(a)



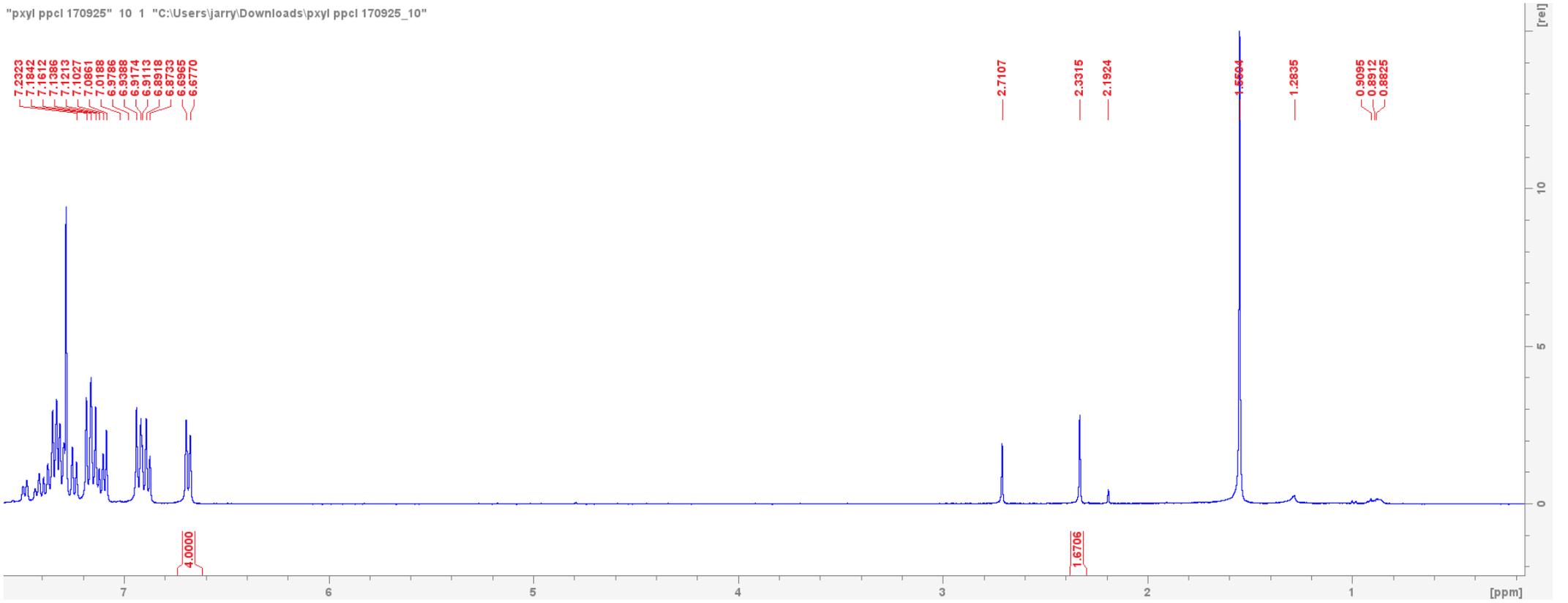
(b)

"MXy per Cl" 10 1 "C:\Users\jarry\Downloads\MXy per Cl\_10"



(c)

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(d)

"eb ppcl 190925" 10 1 "C:\Users\jarry\Downloads\eb ppcl 190925\_10"

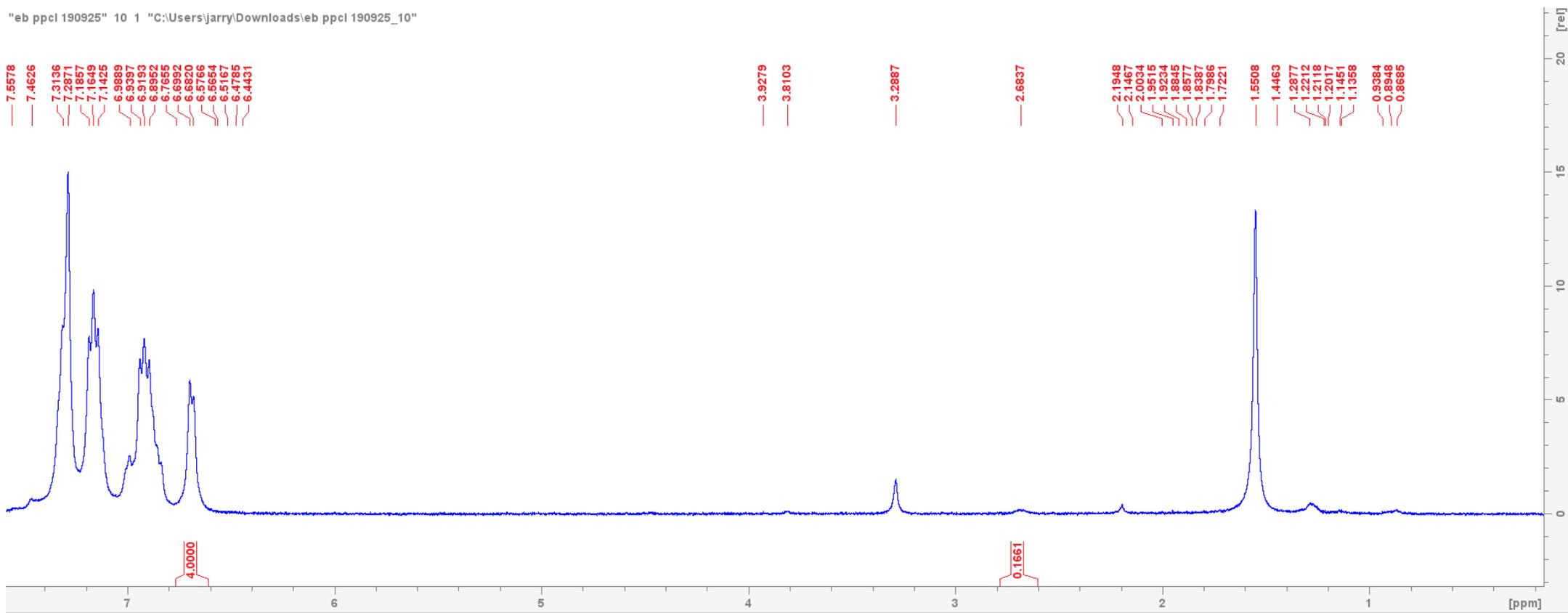


Figure S2 <sup>1</sup>H-NMR spectra for (a) H-*o*-Xy, (b) H (no inclusion from *m*-Xy), (c) 4(H)-*p*-Xy and (d) H (no inclusion from EB).