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## Supplementary Information

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### Research paper / *Praca doświadczalna*

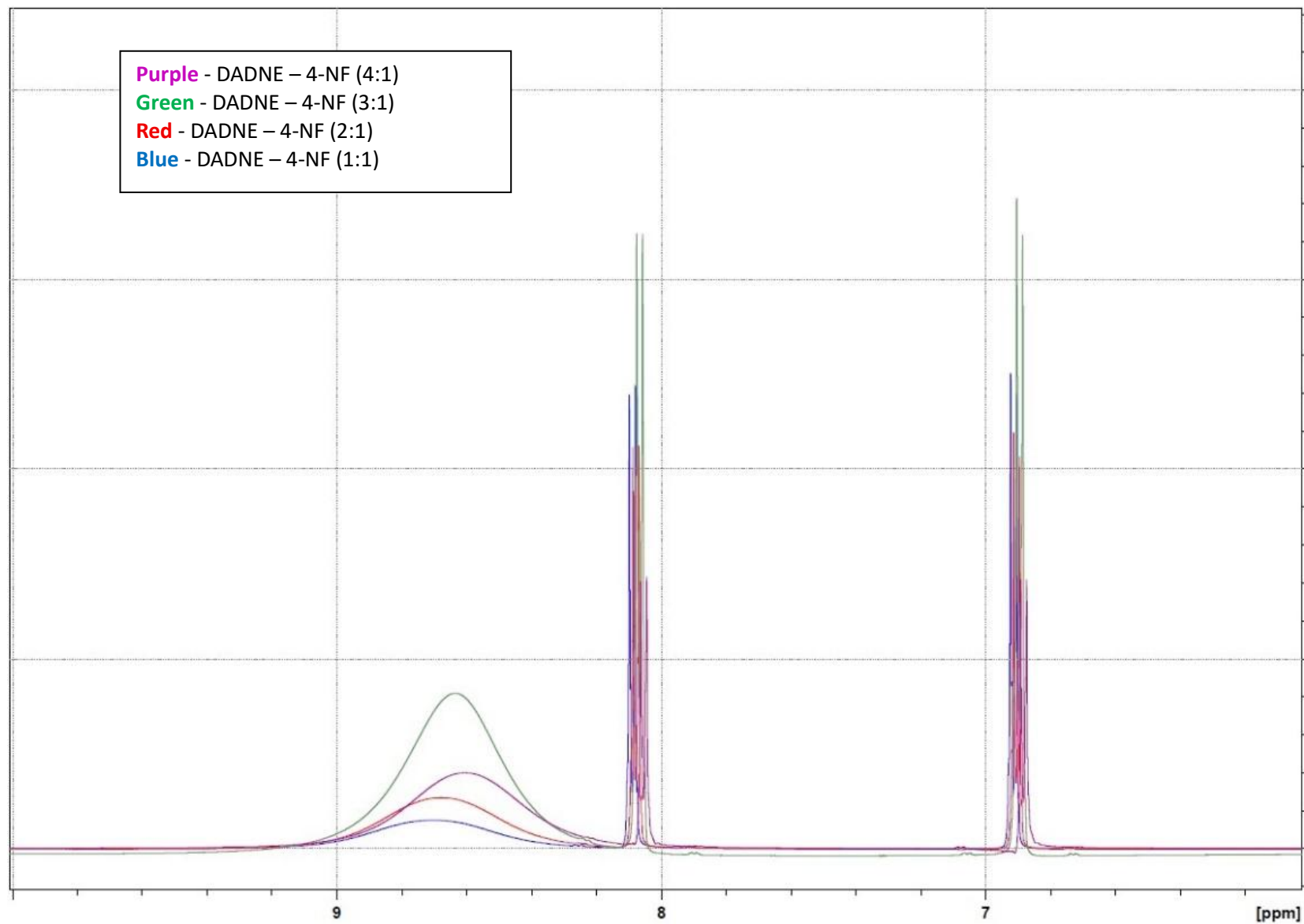
## Study of interactions between nitrophenols and 1,1-diamino-2,2-dinitroethene

## *Badanie oddziaływań nitrofenoli z 1,1-diamino-2,2-dinitroetenem*

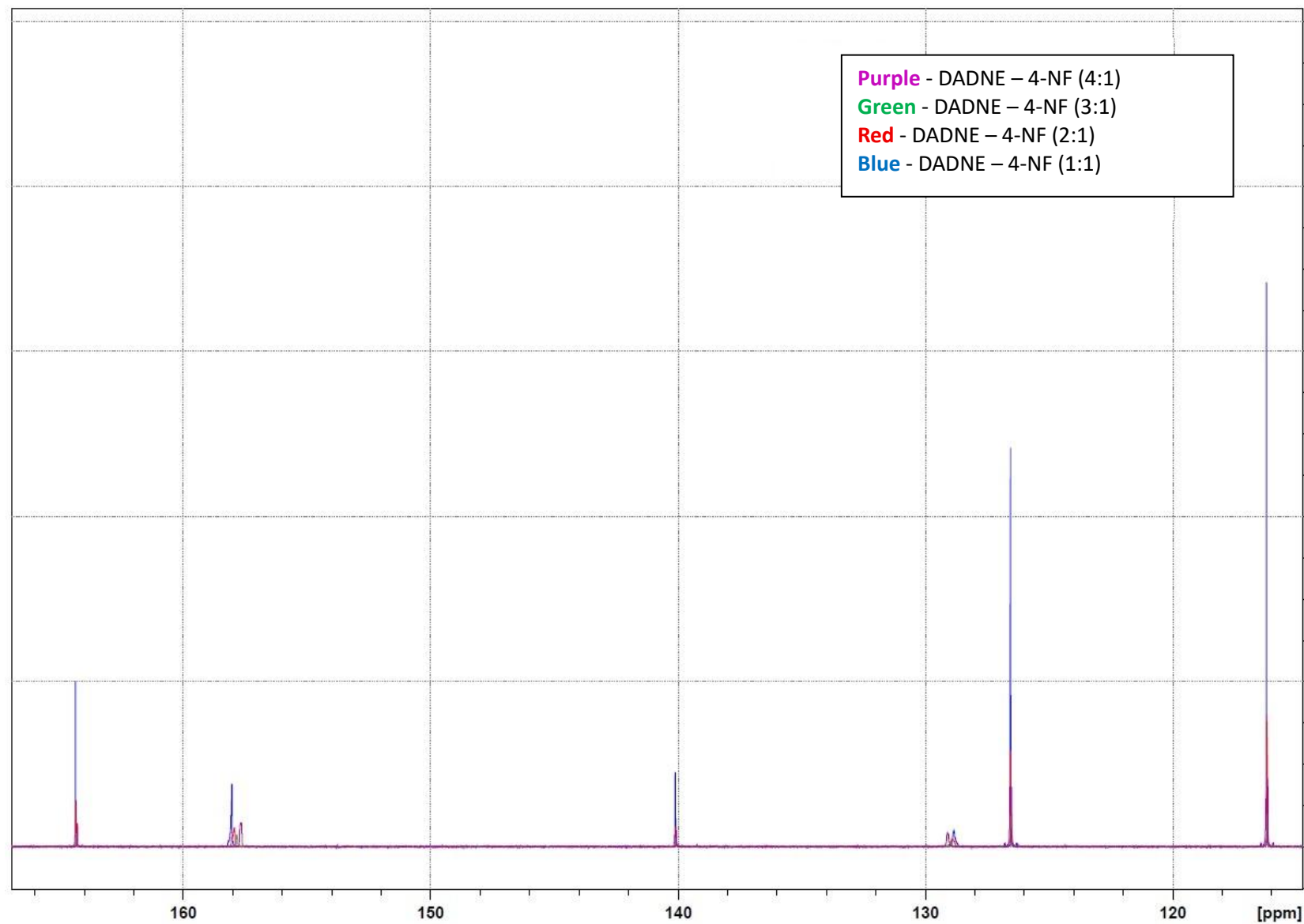
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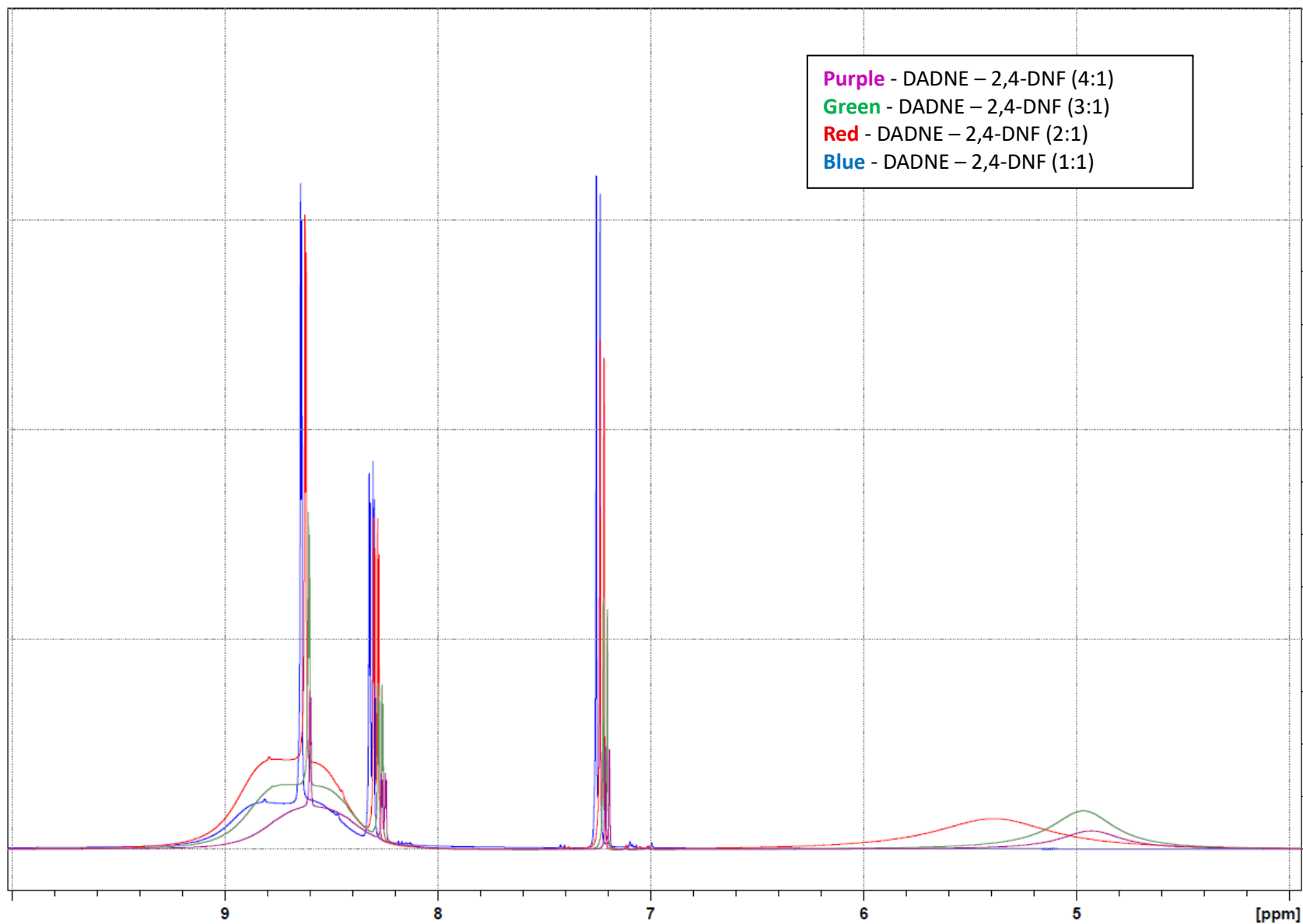
*E-mail: [mateusz.szala@wat.edu.pl](mailto:mateusz.szala@wat.edu.pl)*



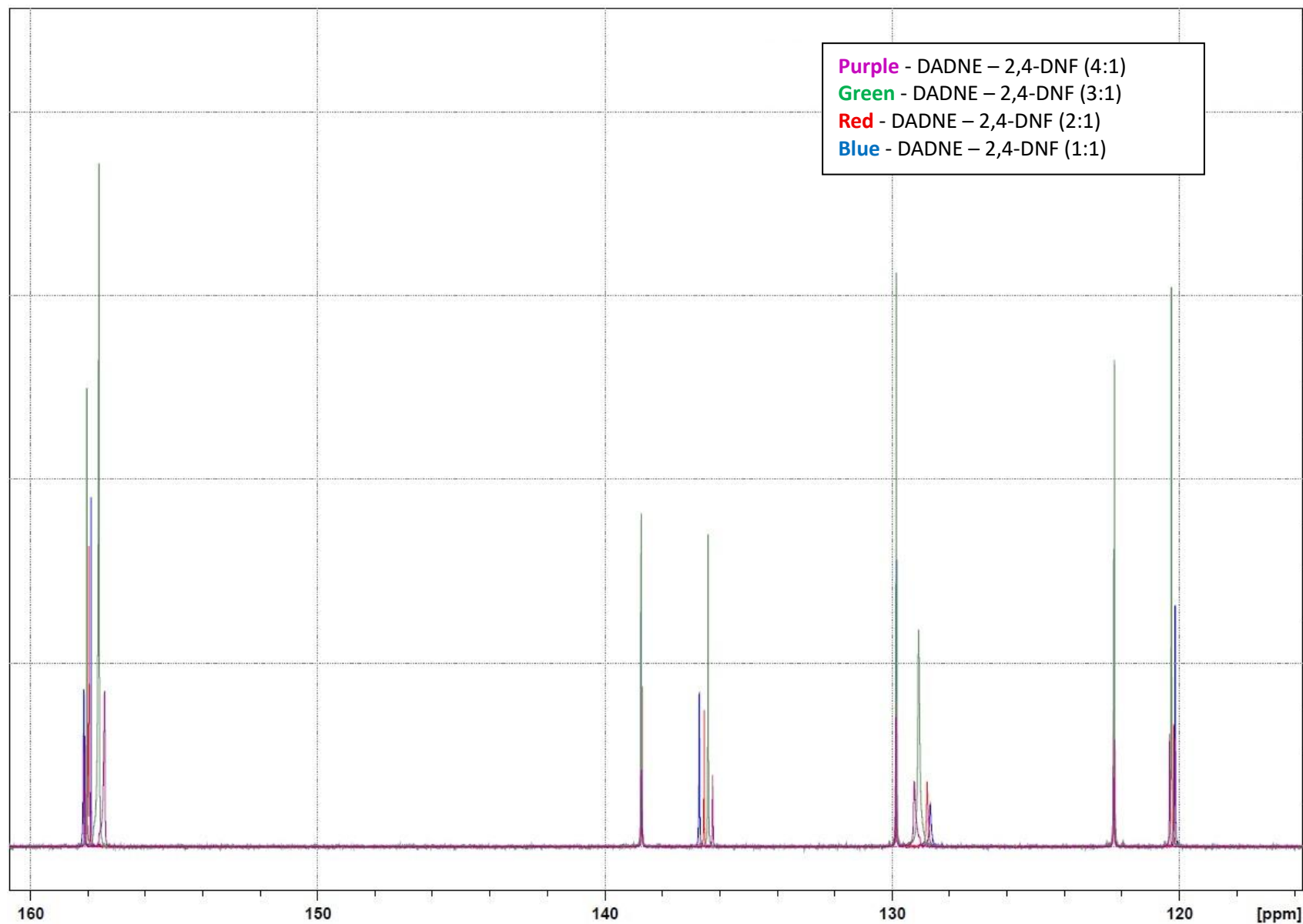
**Figure S1.** Summary of <sup>1</sup>H NMR spectra of the mixtures of 4-NF and DADNE at a molar ratio of 1:1-1:4



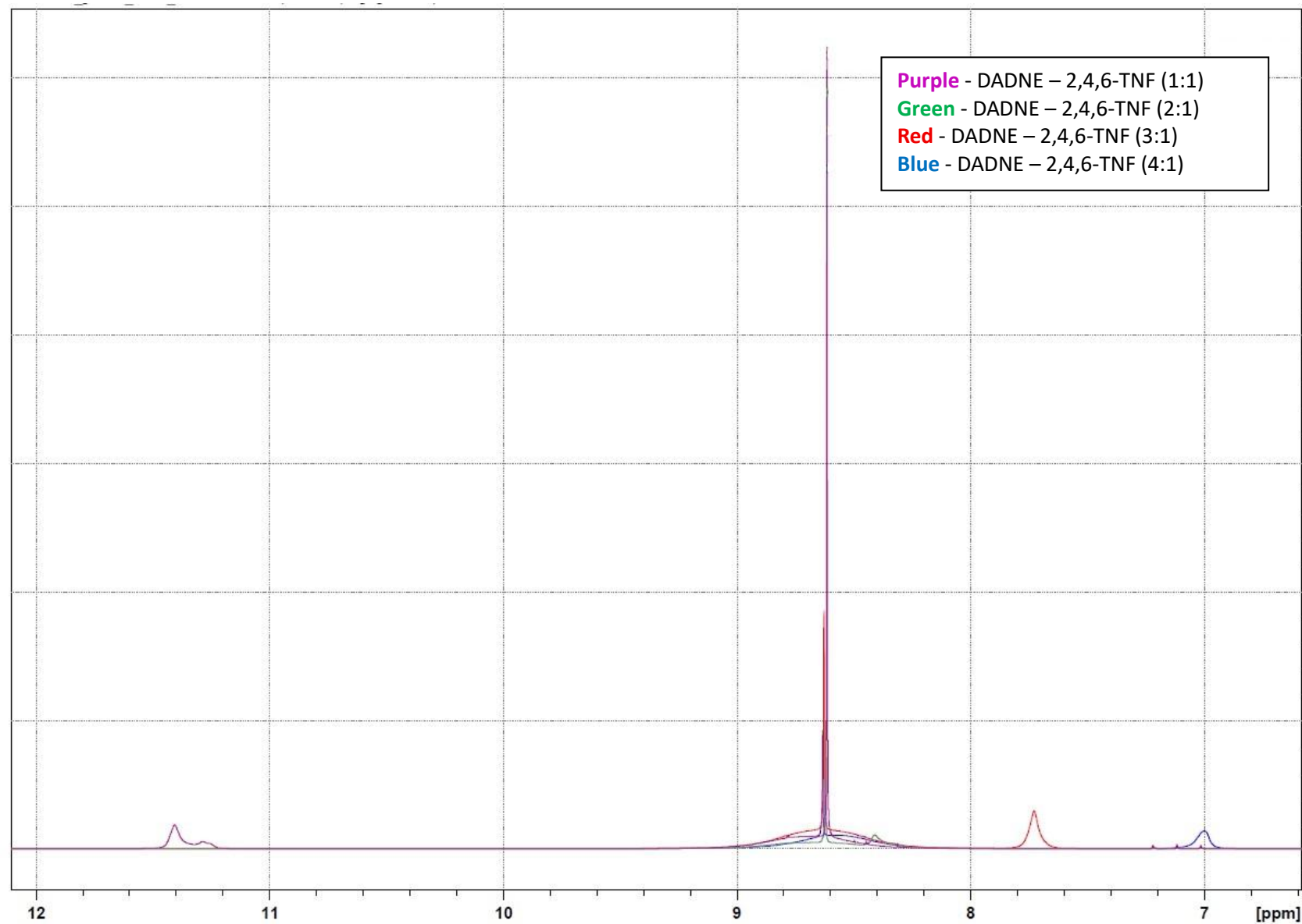
**Figure S2.** Summary of  $^{13}\text{C}$  NMR spectra of the mixtures of 4-NF and DADNE at a molar ratio of 1:1-1:4



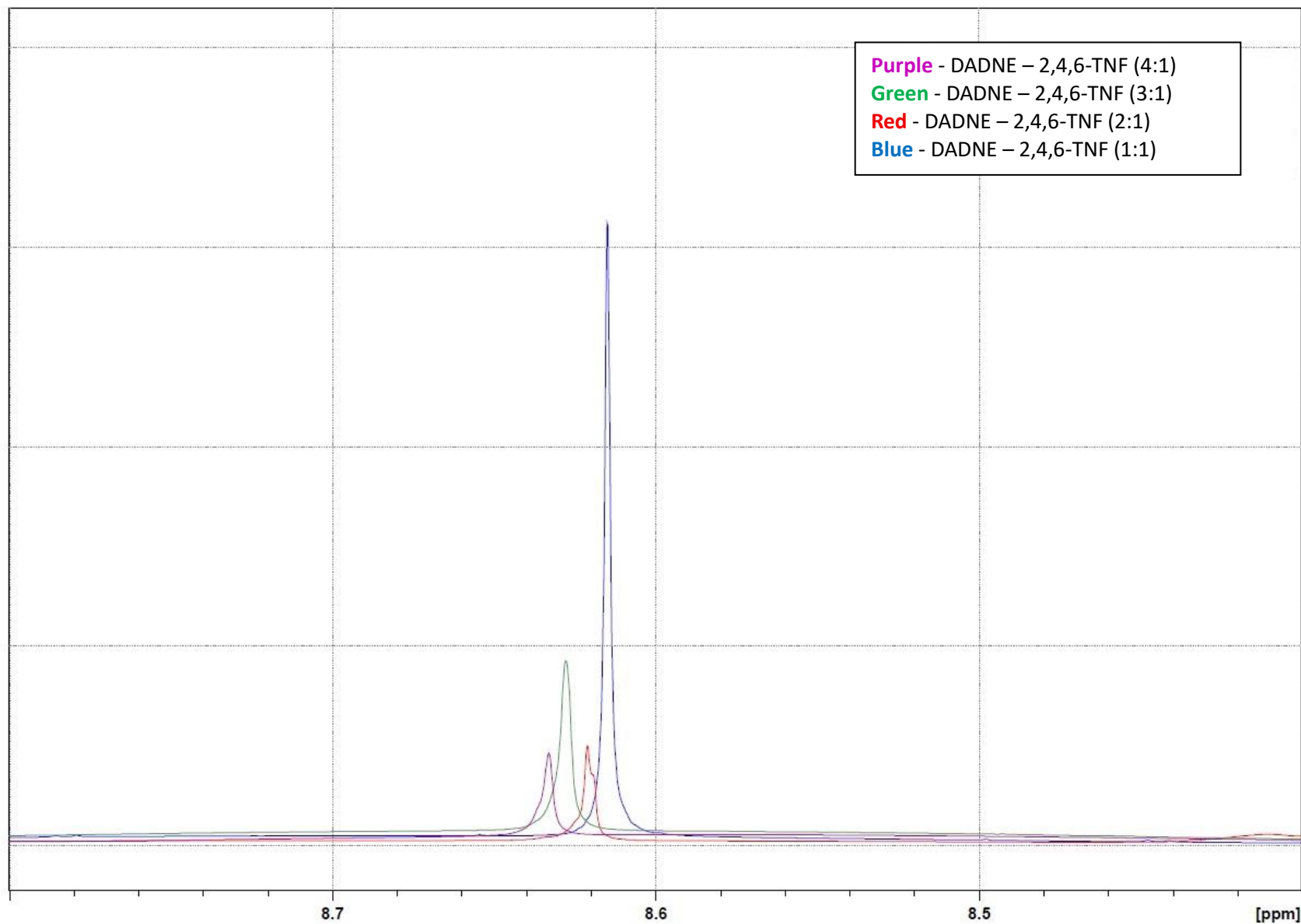
**Figure S3.** Summary of <sup>1</sup>H NMR spectra of the mixtures of 2,4-DNF and DADNE at a molar ratio of 1:1-1:4



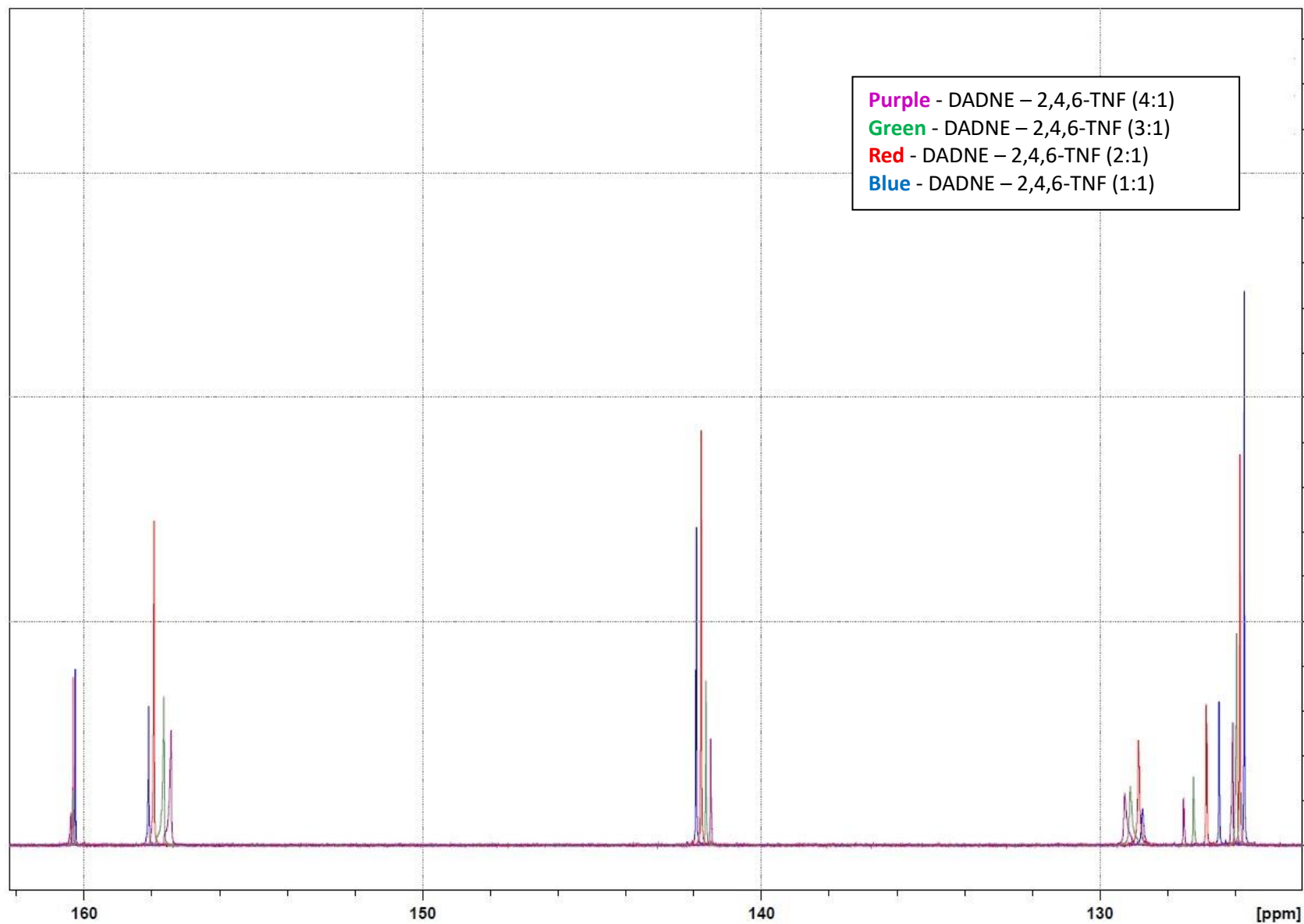
**Figure S4.** Summary of  $^{13}\text{C}$  NMR spectra of the mixtures of 2,4-DNF and DADNE at a molar ratio of 1:1-1:4



**Figure S5.** Summary of  $^1\text{H}$  NMR spectra of the mixtures of 2,4,6-TNF and DADNE at a molar ratio of 1:1-1:4

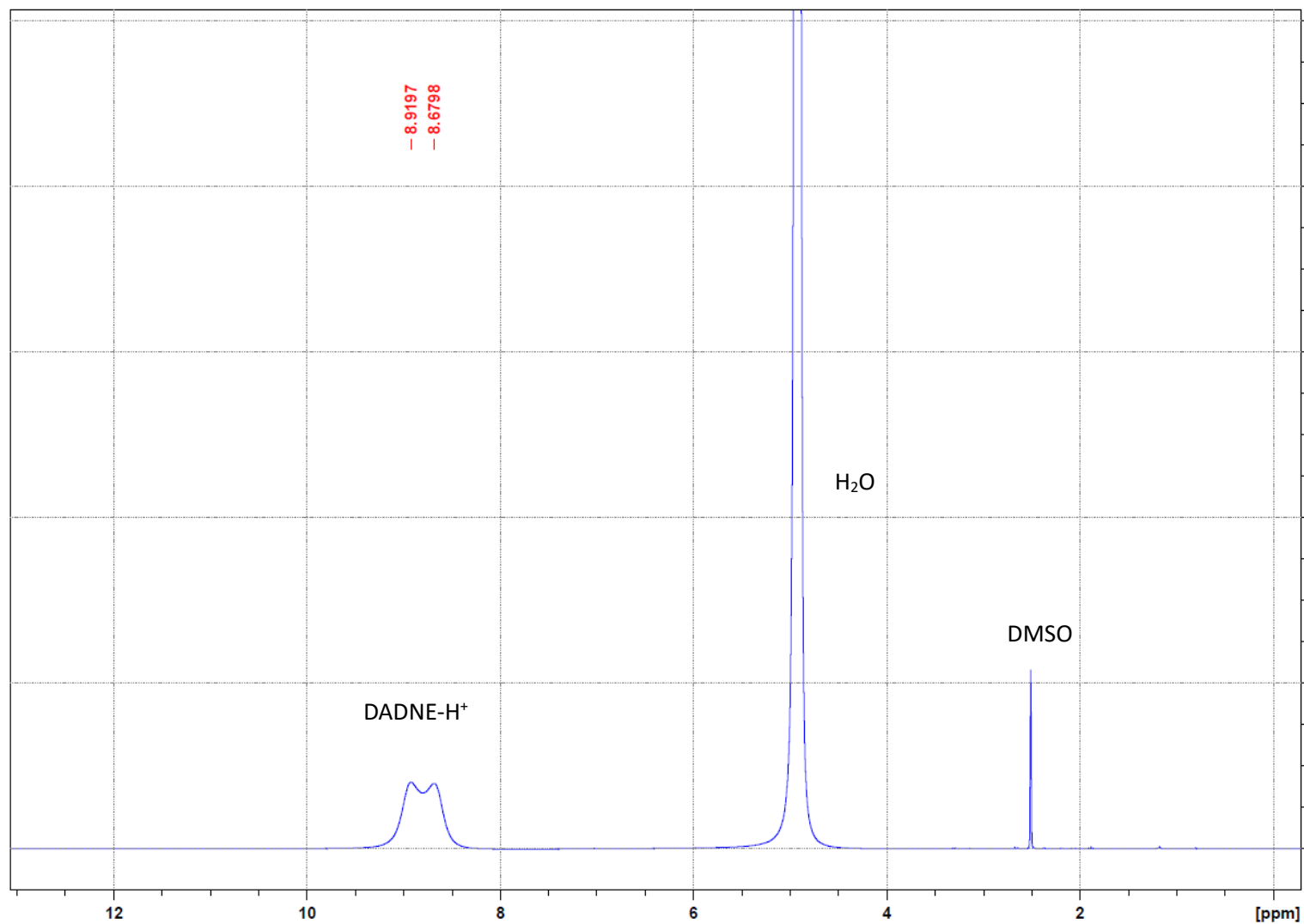


**Figure S6.** Summary of <sup>1</sup>H NMR spectra of the mixtures of 2,4,6-TNF and DADNE at a molar ratio of 1:1-1:4



**Figure S7.** Summary of  $^{13}\text{C}$  NMR spectra of the mixtures of 2,4,6-TNF and DADNE at a molar ratio of 1:1-1:4





**Figure S8.** Summary of  $^1\text{H}$  NMR spectra of the DADNE solution (in DMSO) spiked with diluted  $\text{H}_2\text{SO}_4$

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