

Synthesis, characterization and in vitro cancer cell growth inhibition evaluation of novel phosphatidylcholines with anisic and veratric acids

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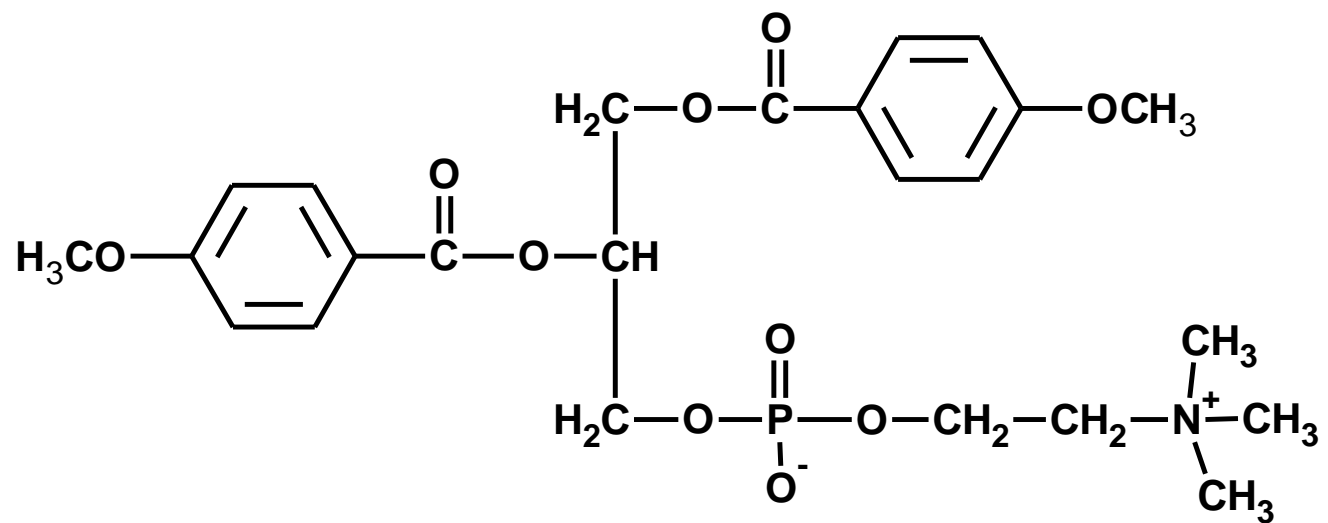
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1,2-dianisoyl-*sn*-glycero-3-phosphocholine (3a)

Figure S1: ^1H NMR spectrum of 3a.

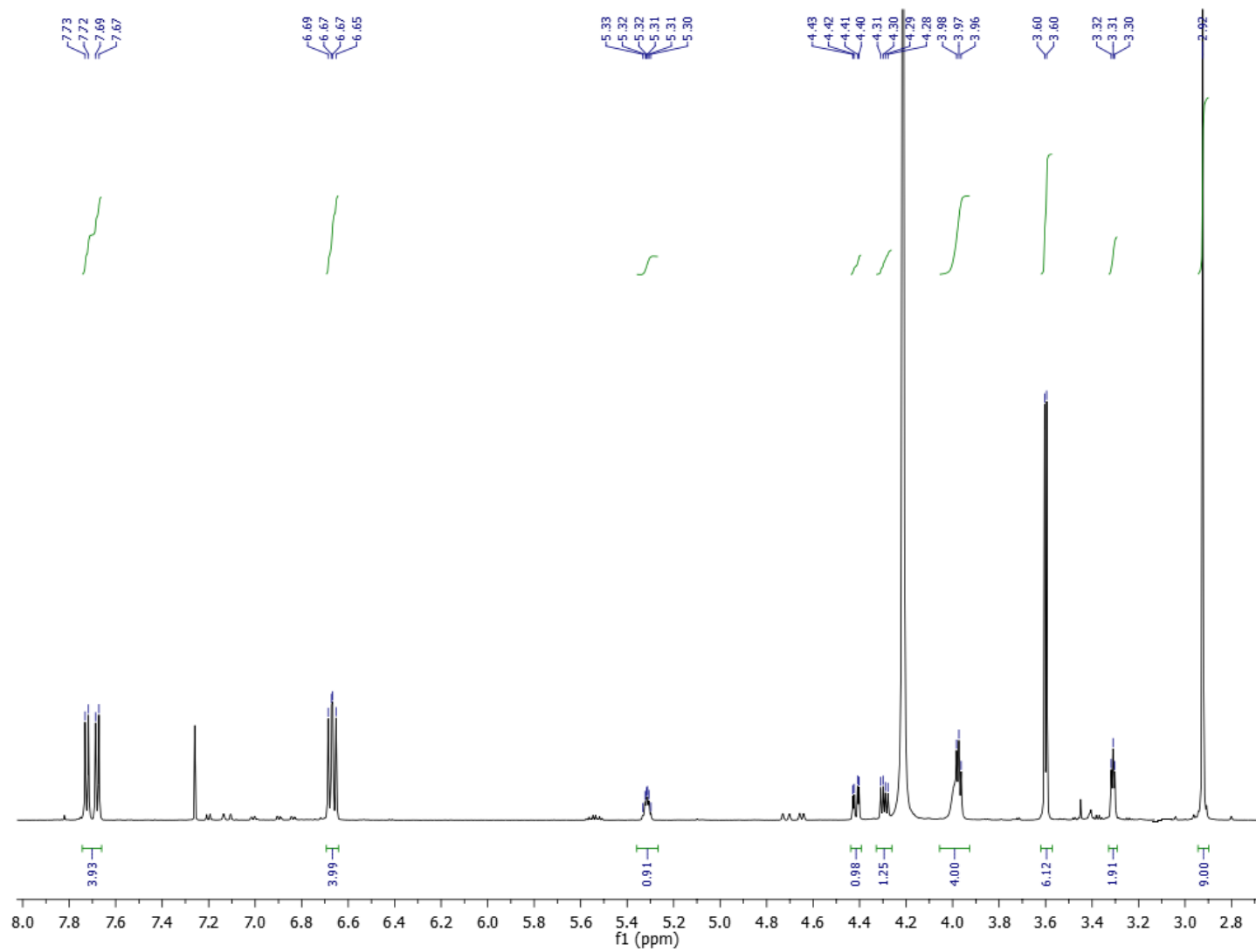


Figure S2: ^{13}C NMR spectrum of 3a.

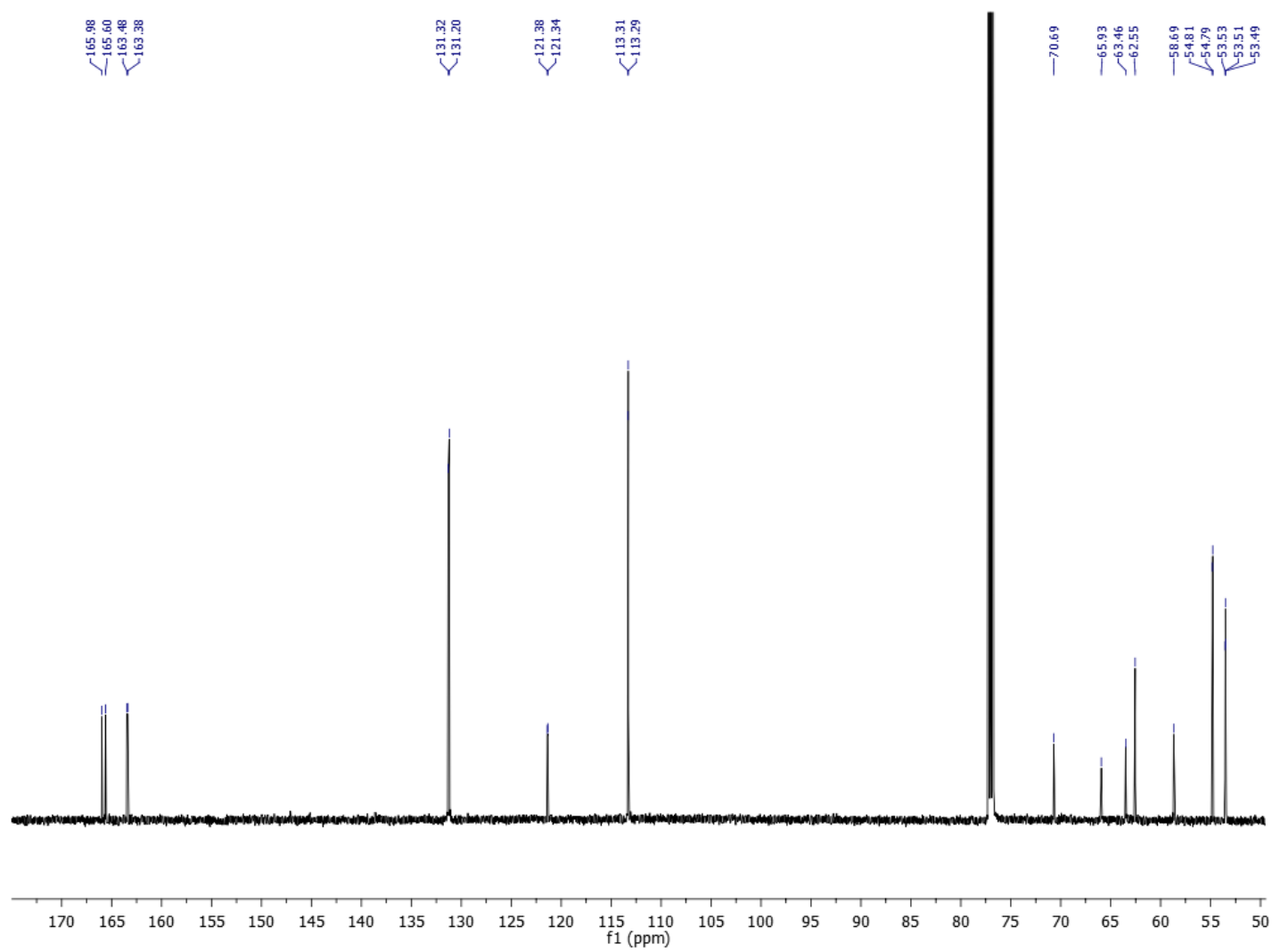


Figure S3: ^{31}P NMR spectrum of 3a.

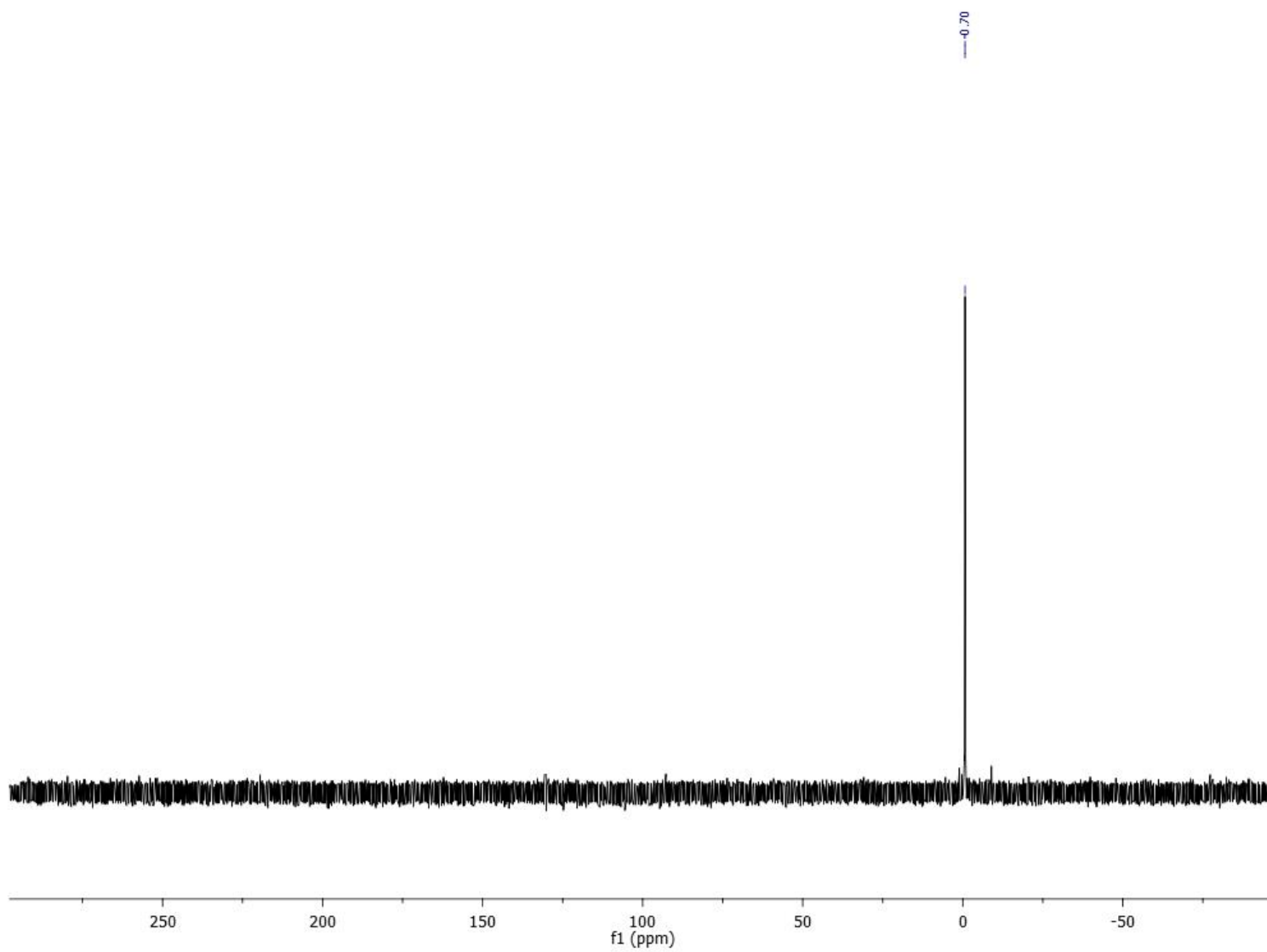


Figure S4: $^1\text{H} - ^1\text{H}$ COSY spectrum of 3a.

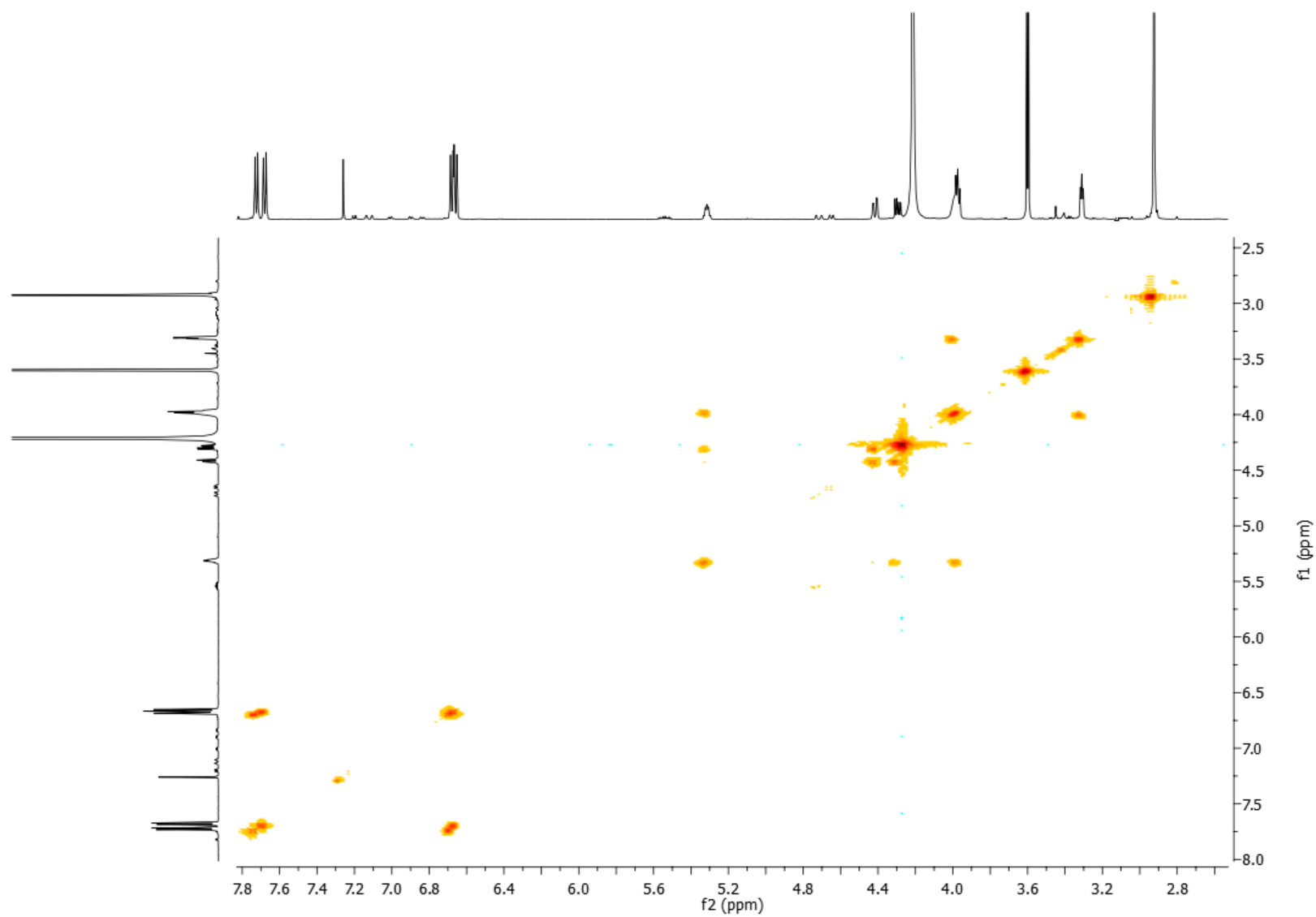
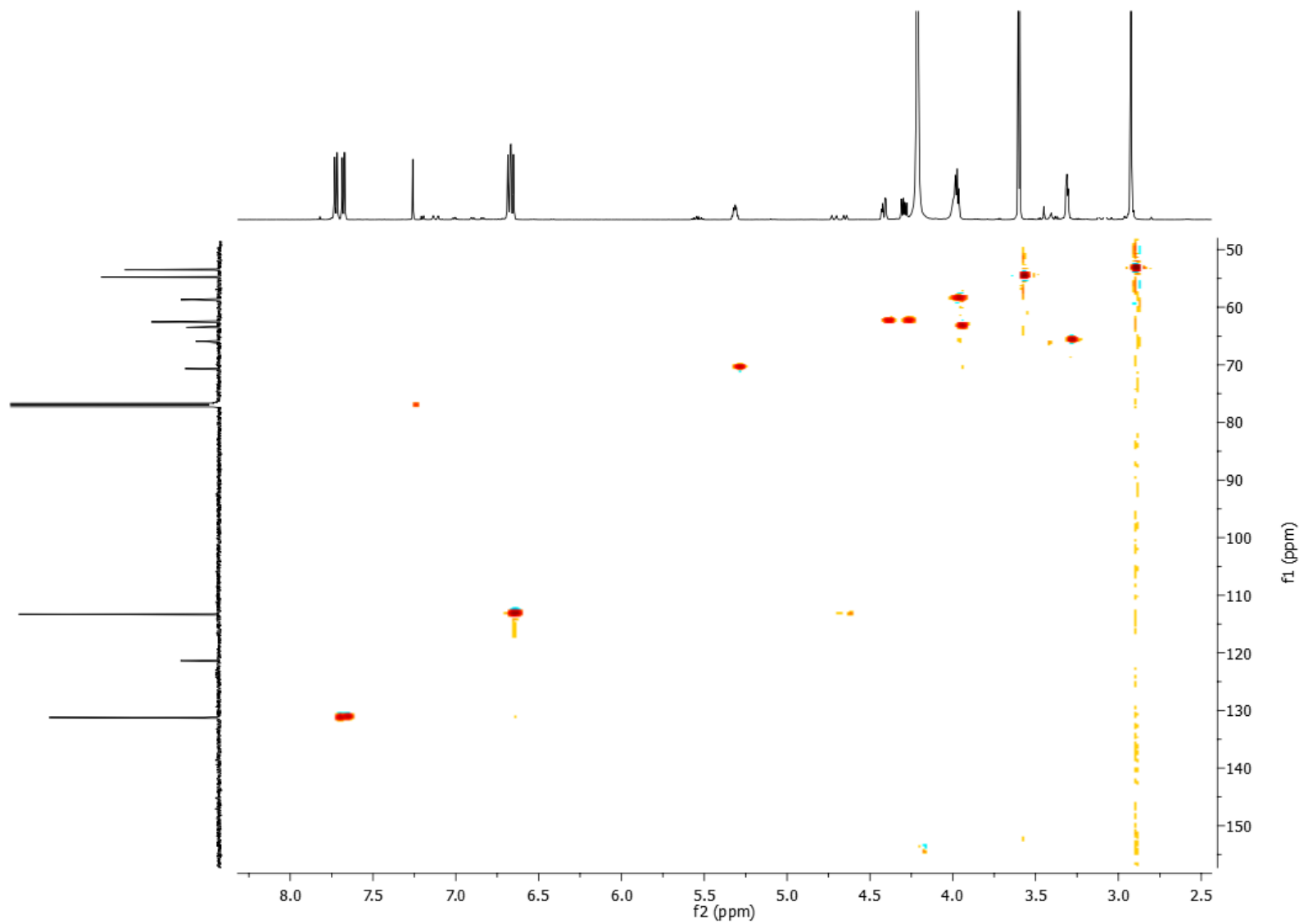
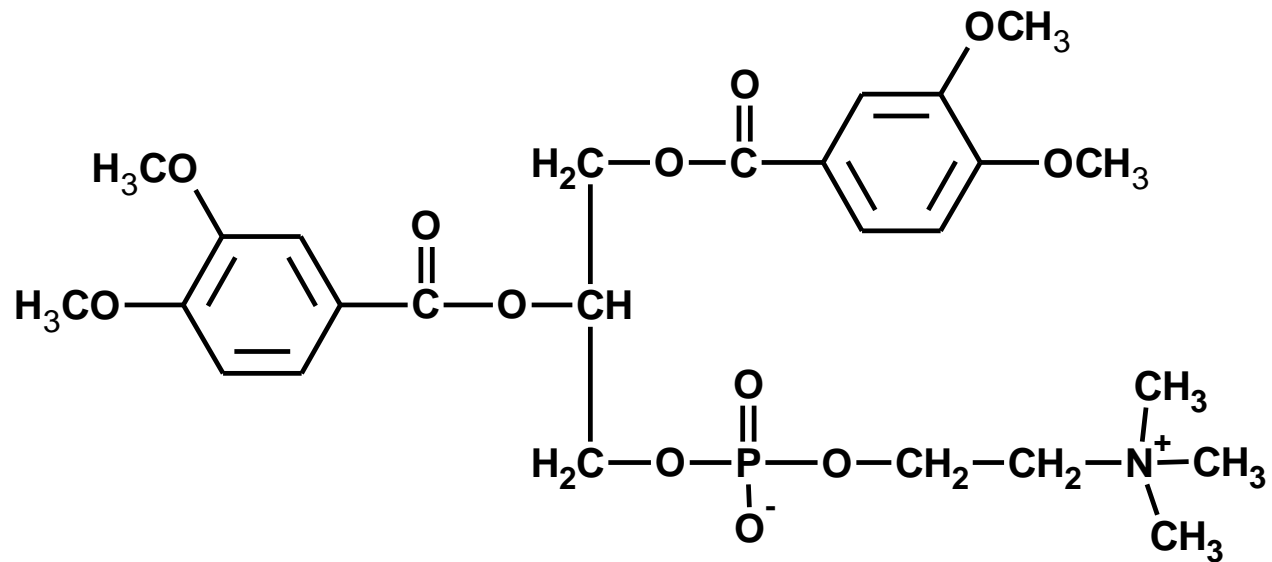


Figure S5: HSQC spectrum of 3a.





1,2-diveratroyl-*sn*-glycero-3-phosphocholine (3b)

Figure S6: ^1H NMR spectrum of 3b.

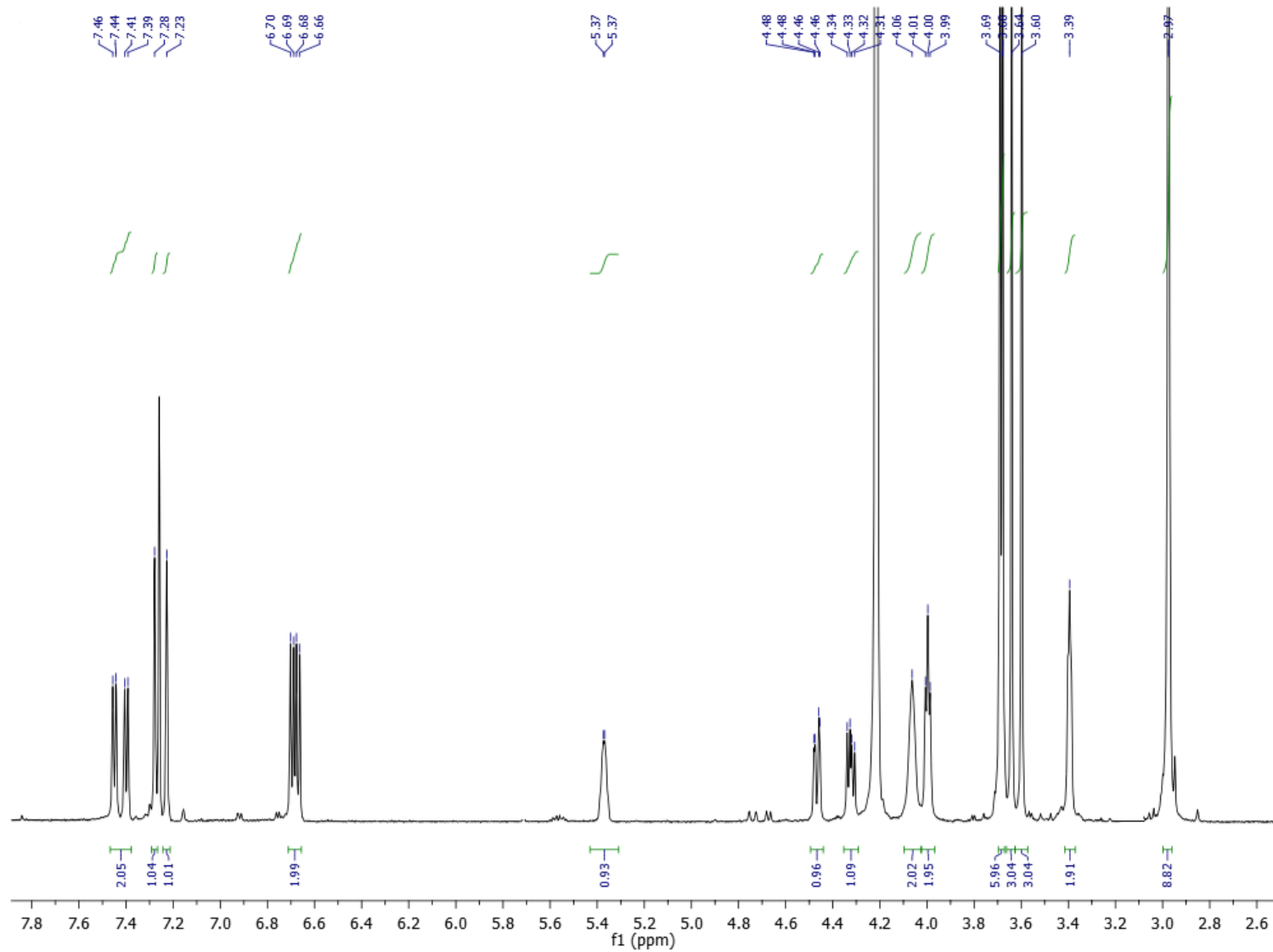


Figure S7: ^{13}C NMR spectrum of 3b.

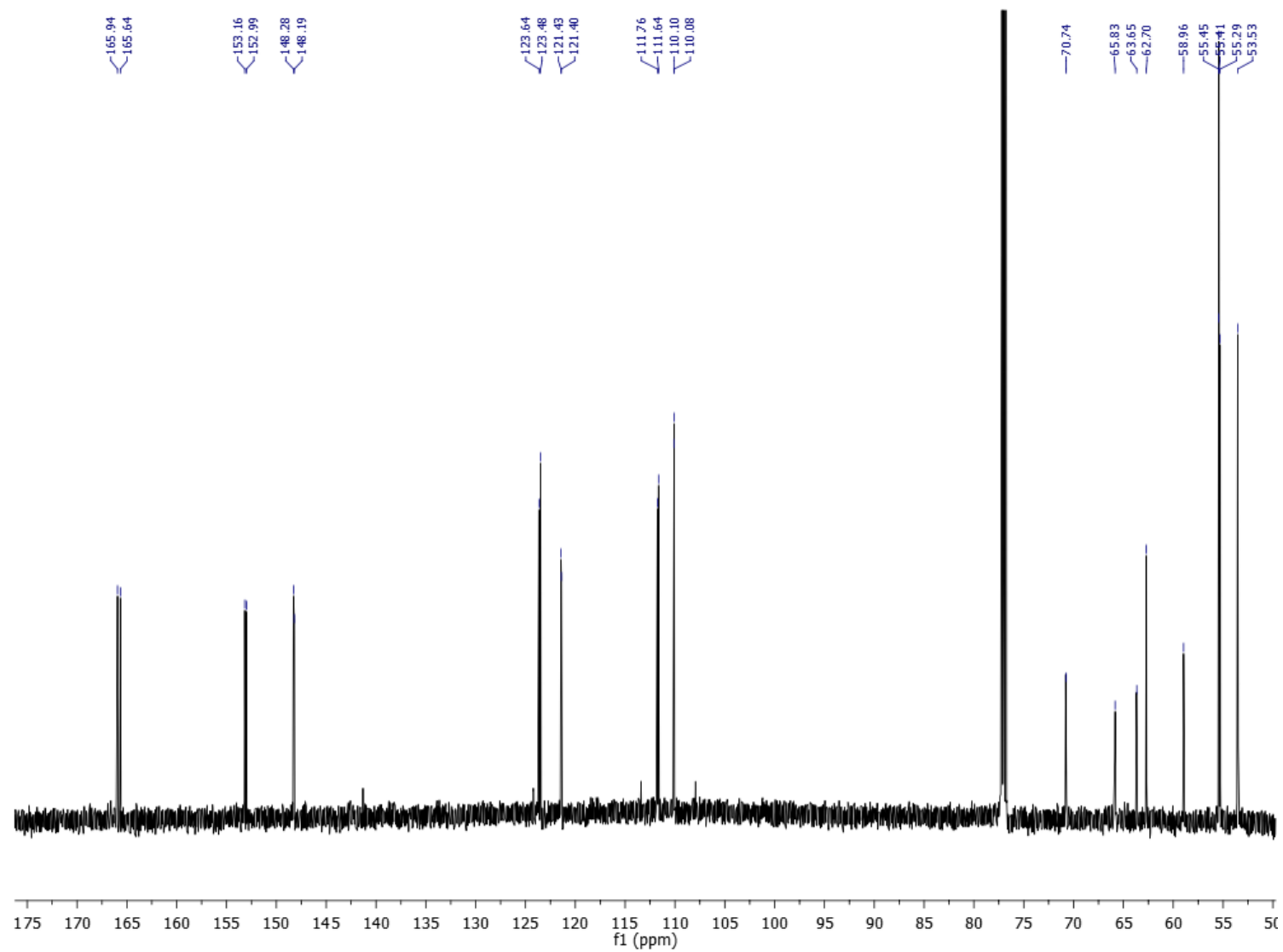


Figure S8: ^{31}P NMR spectrum of 3b.

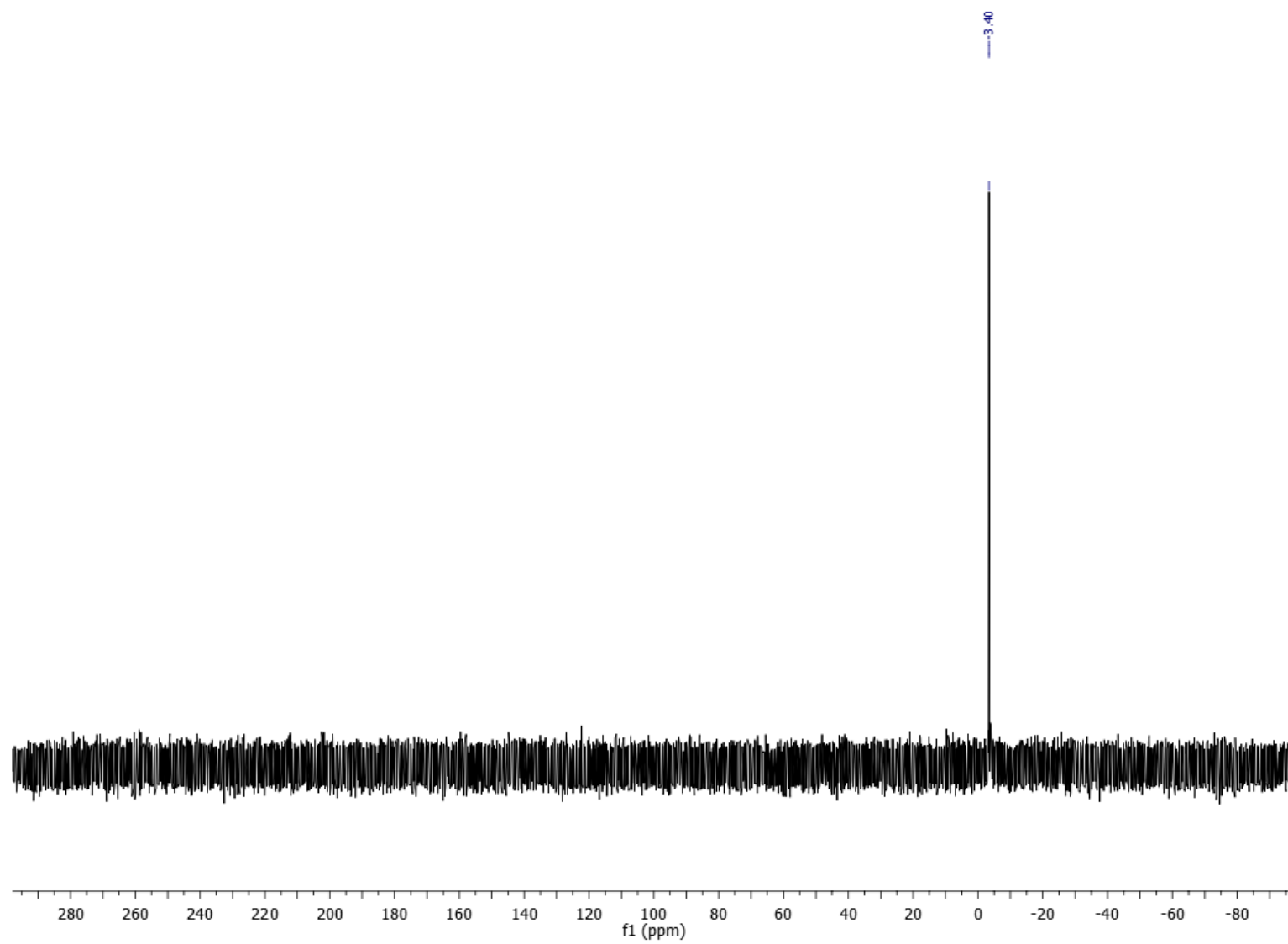


Figure S9: $^1\text{H} - ^1\text{H}$ COSY spectrum of 3b.

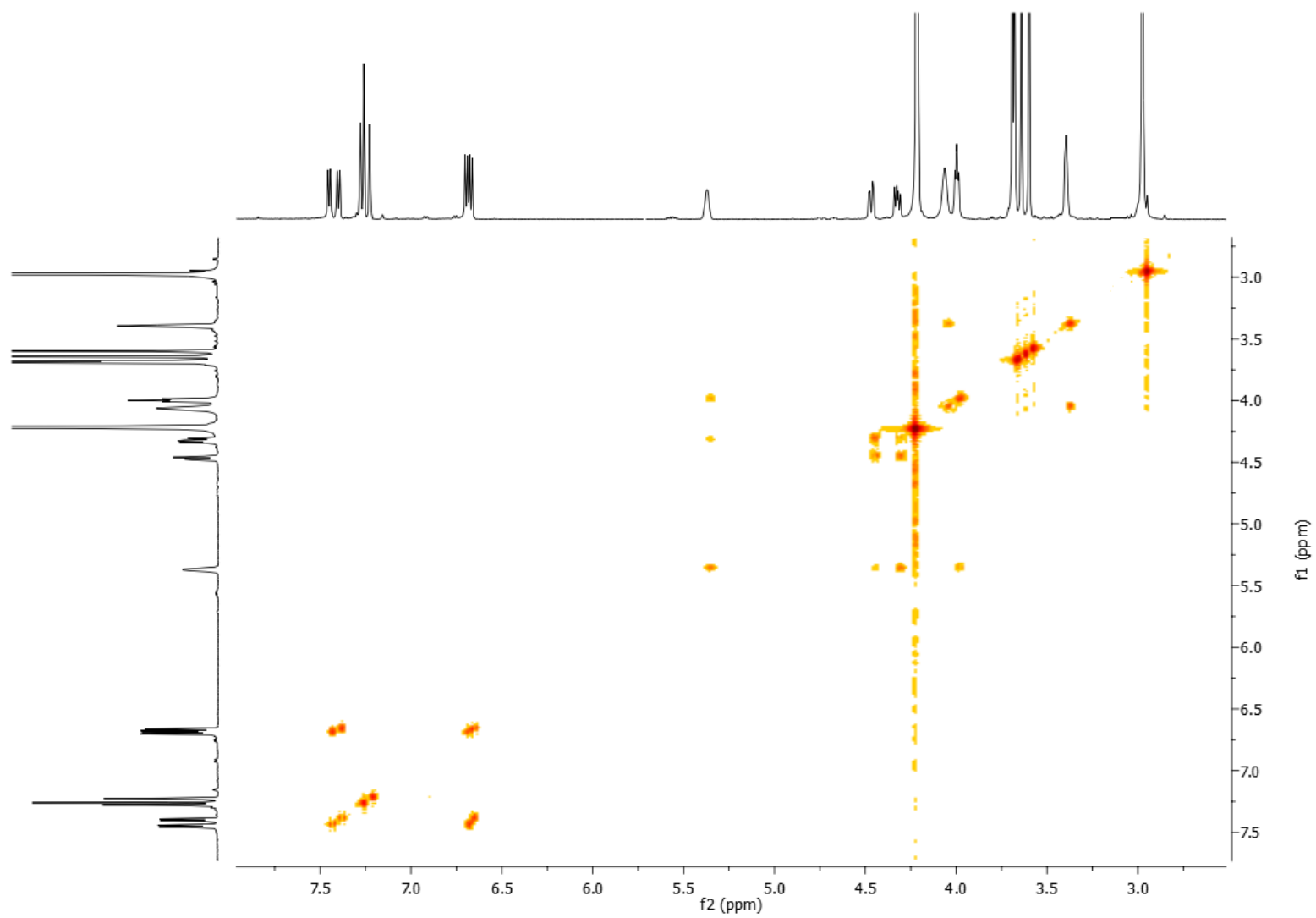
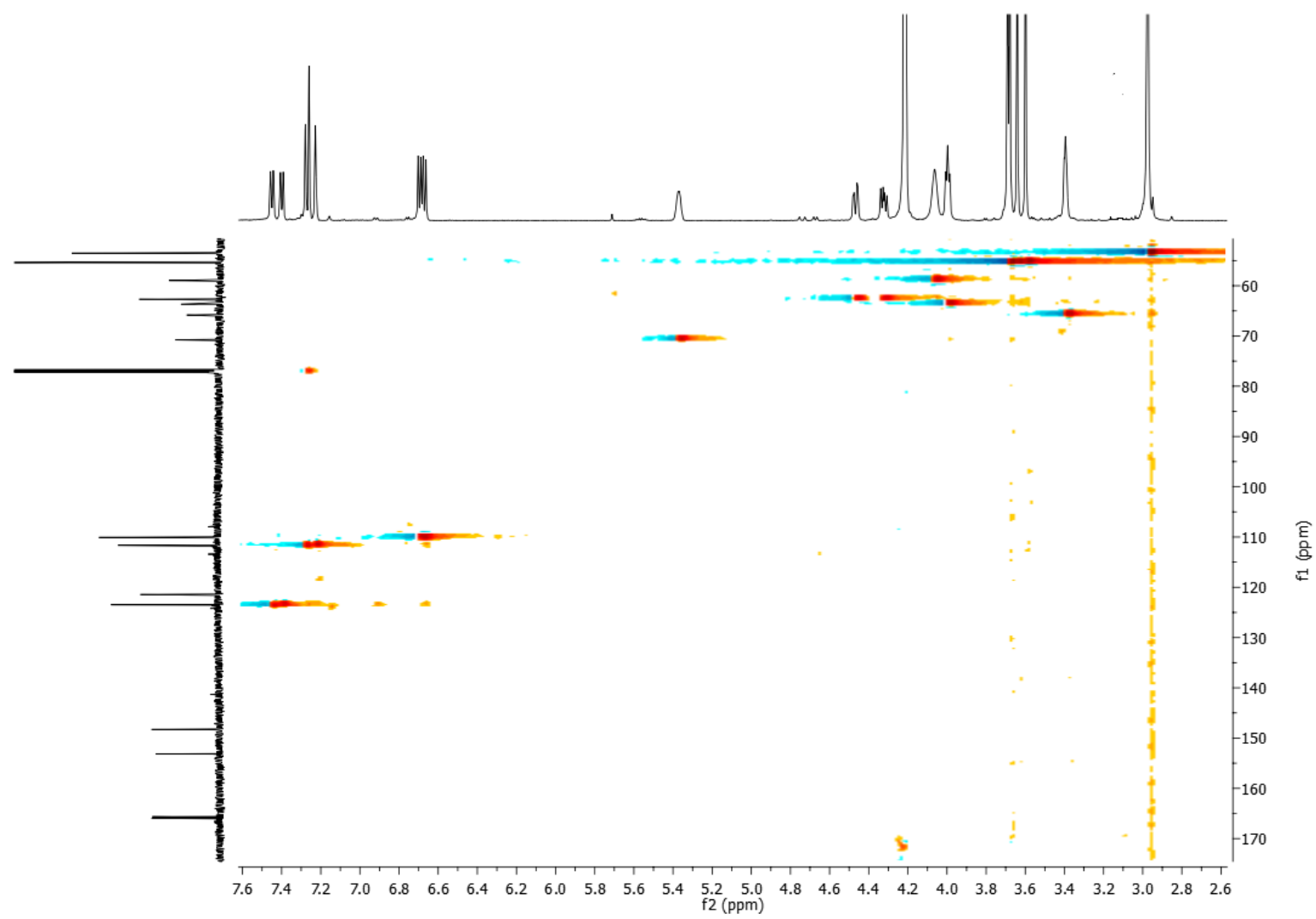
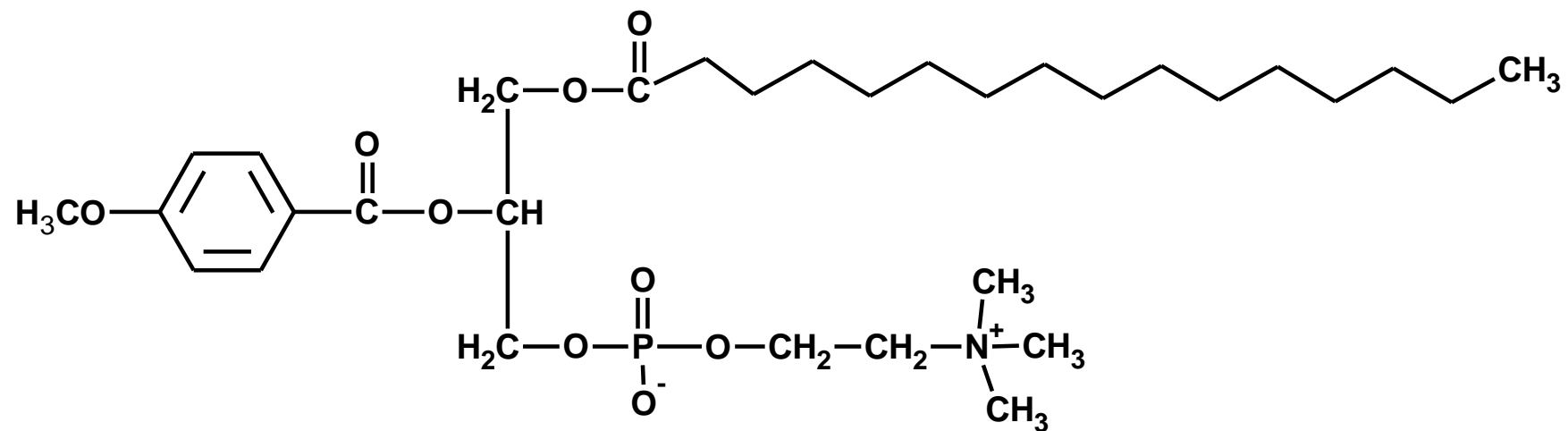


Figure S10: HSQC spectrum of 3b.





1-palmitoyl-2-anisoyl-*sn*-glycero-3-phosphocholine (5a)

Figure S11: ^1H NMR spectrum of 5a.

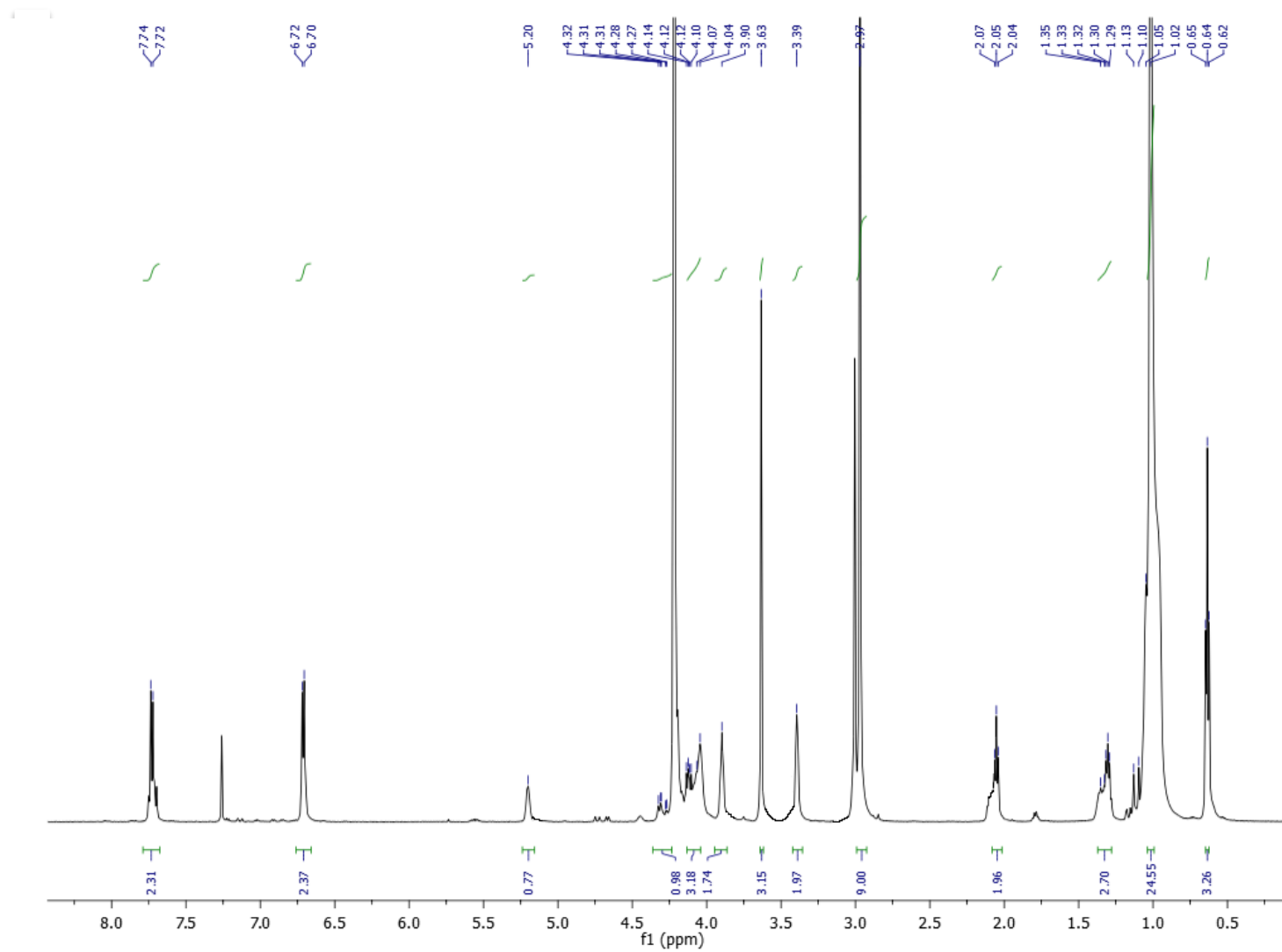


Figure S12: ^{13}C NMR spectrum of 5a.

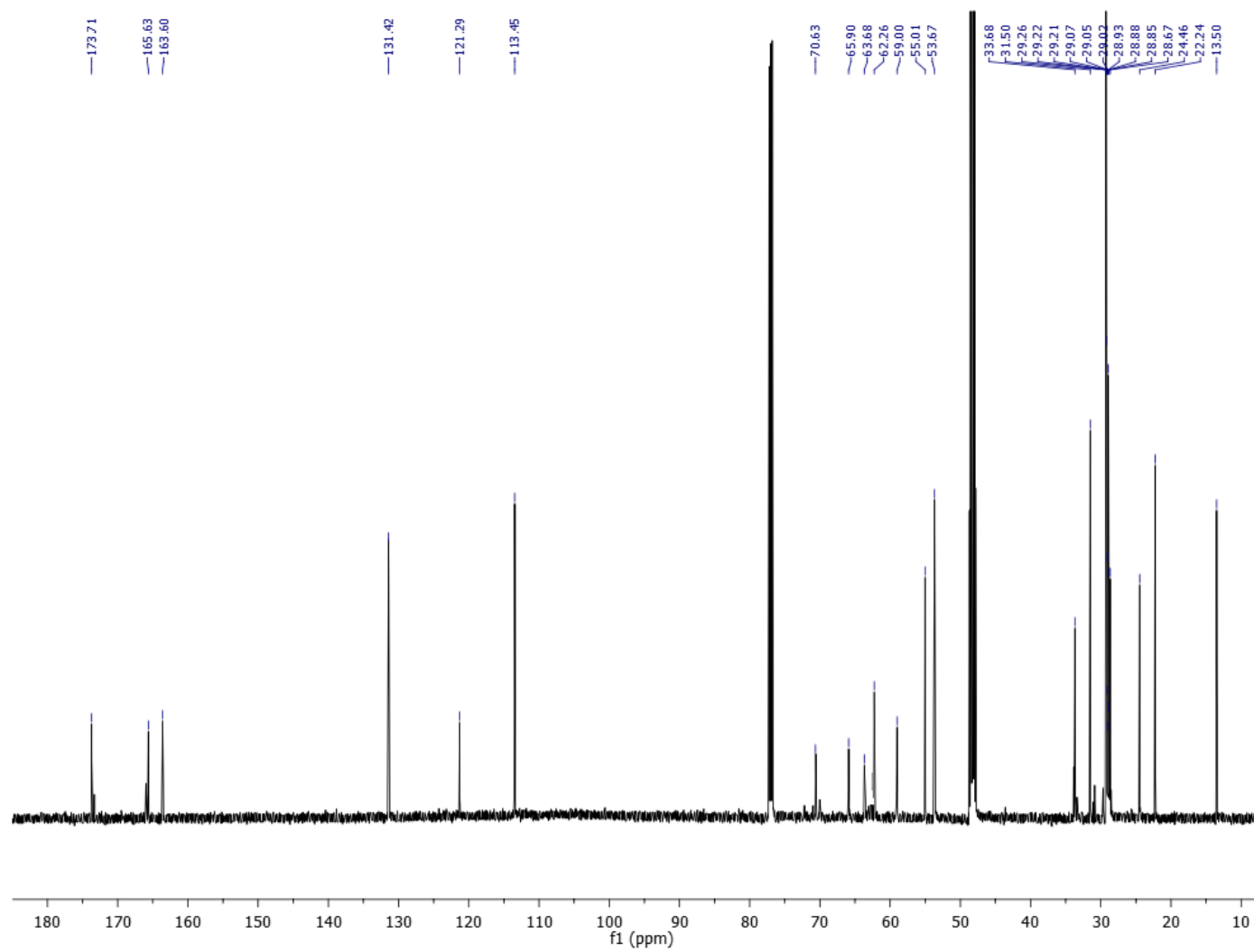


Figure S13: ^{31}P NMR spectrum of 5a.

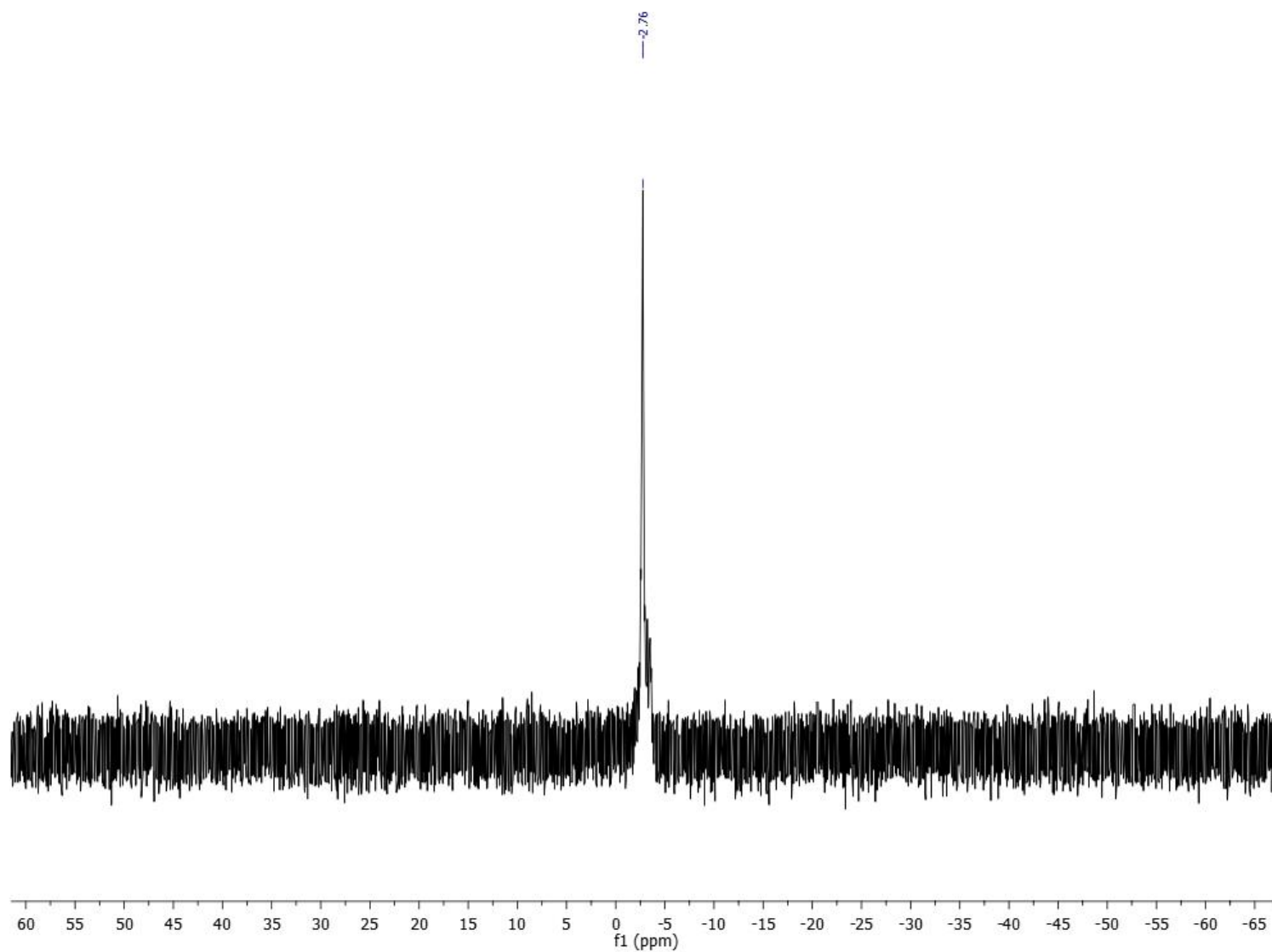


Figure S14: $^1\text{H} - ^1\text{H}$ COSY spectrum of 5a.

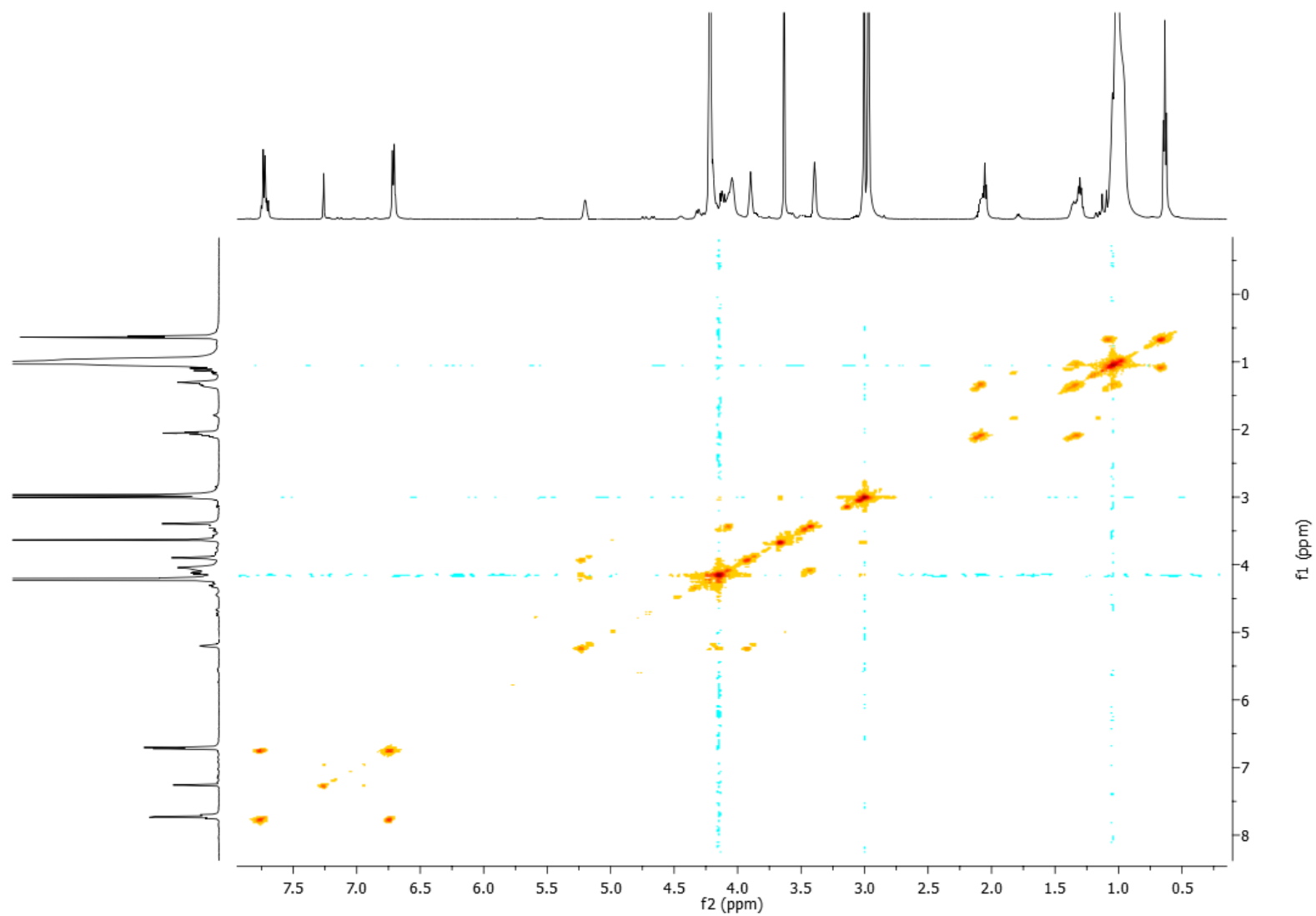
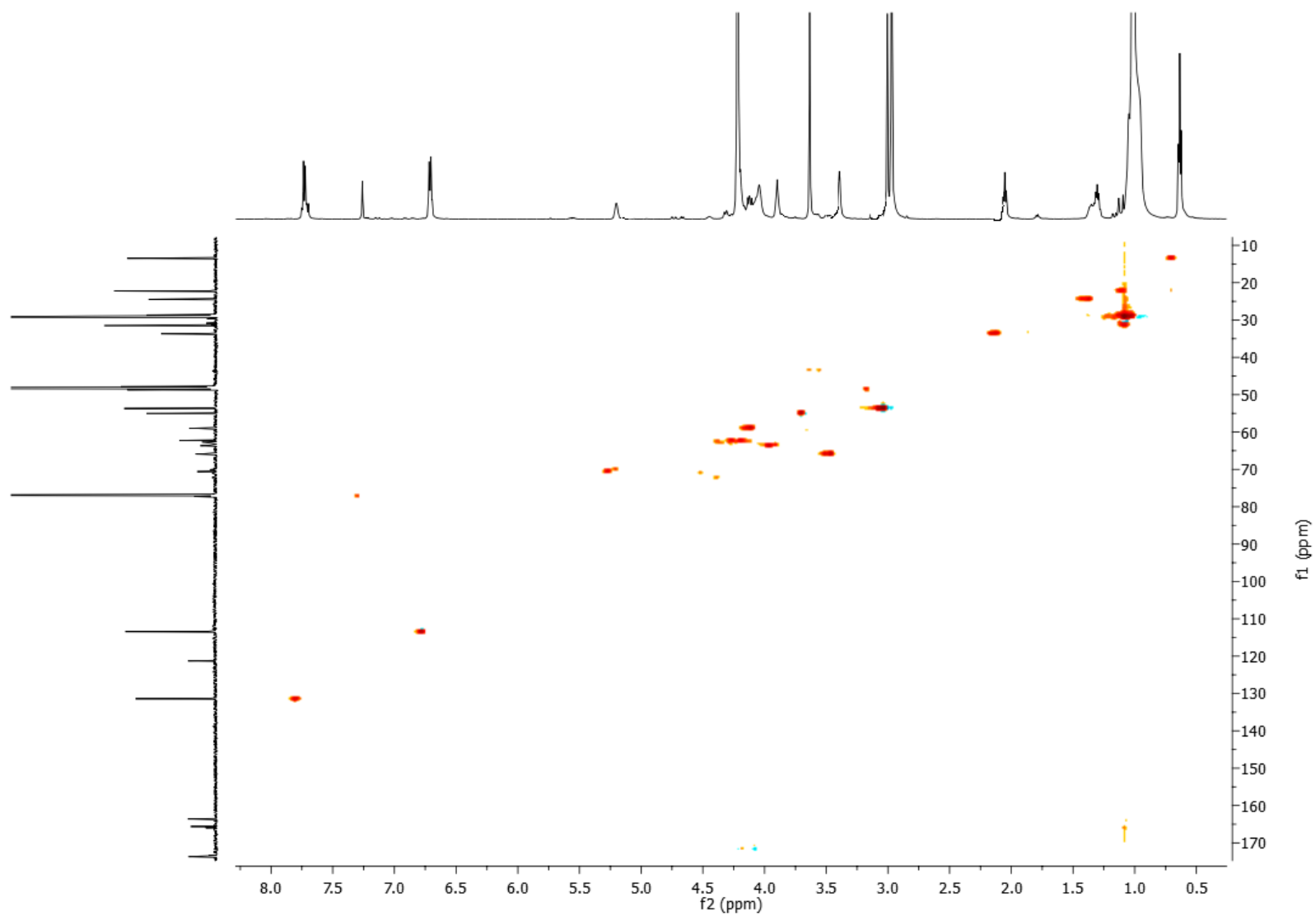
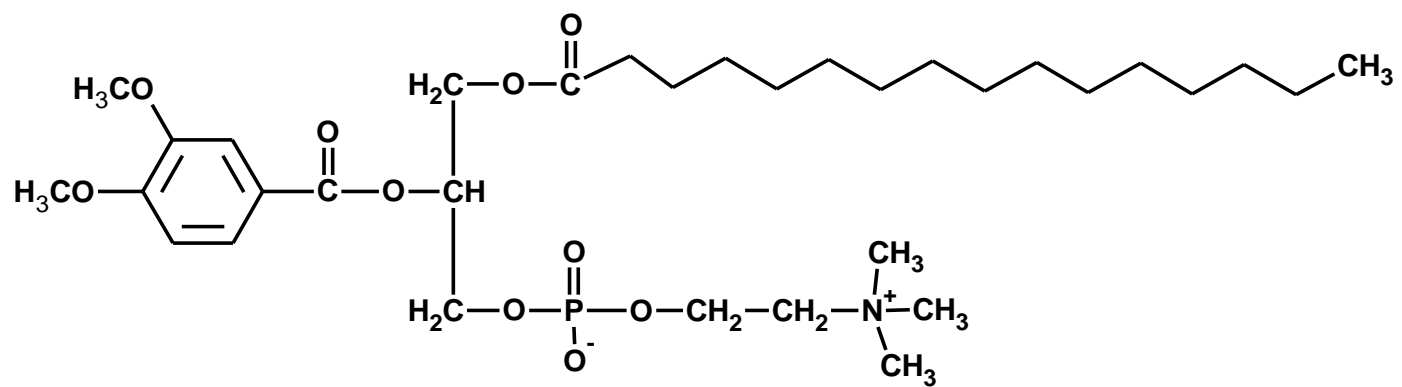


Figure S15: HSQC spectrum of 5a.





1-palmitoyl-2-veratroyl-*sn*-glycero-3-phosphocholine (**5b**)

Figure S16: ¹H NMR spectrum of 5b.

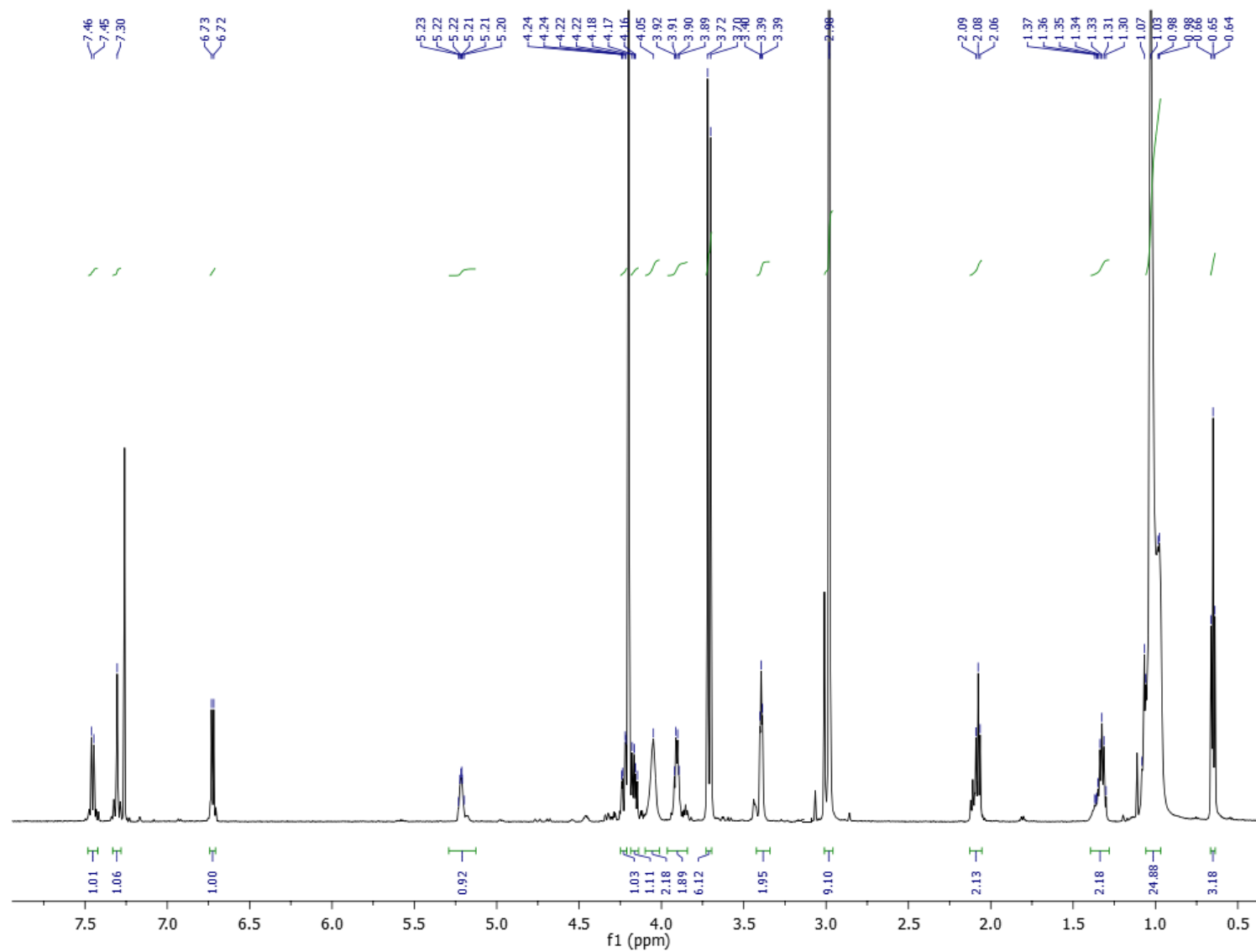


Figure S17: ^{13}C NMR spectrum of 5b.

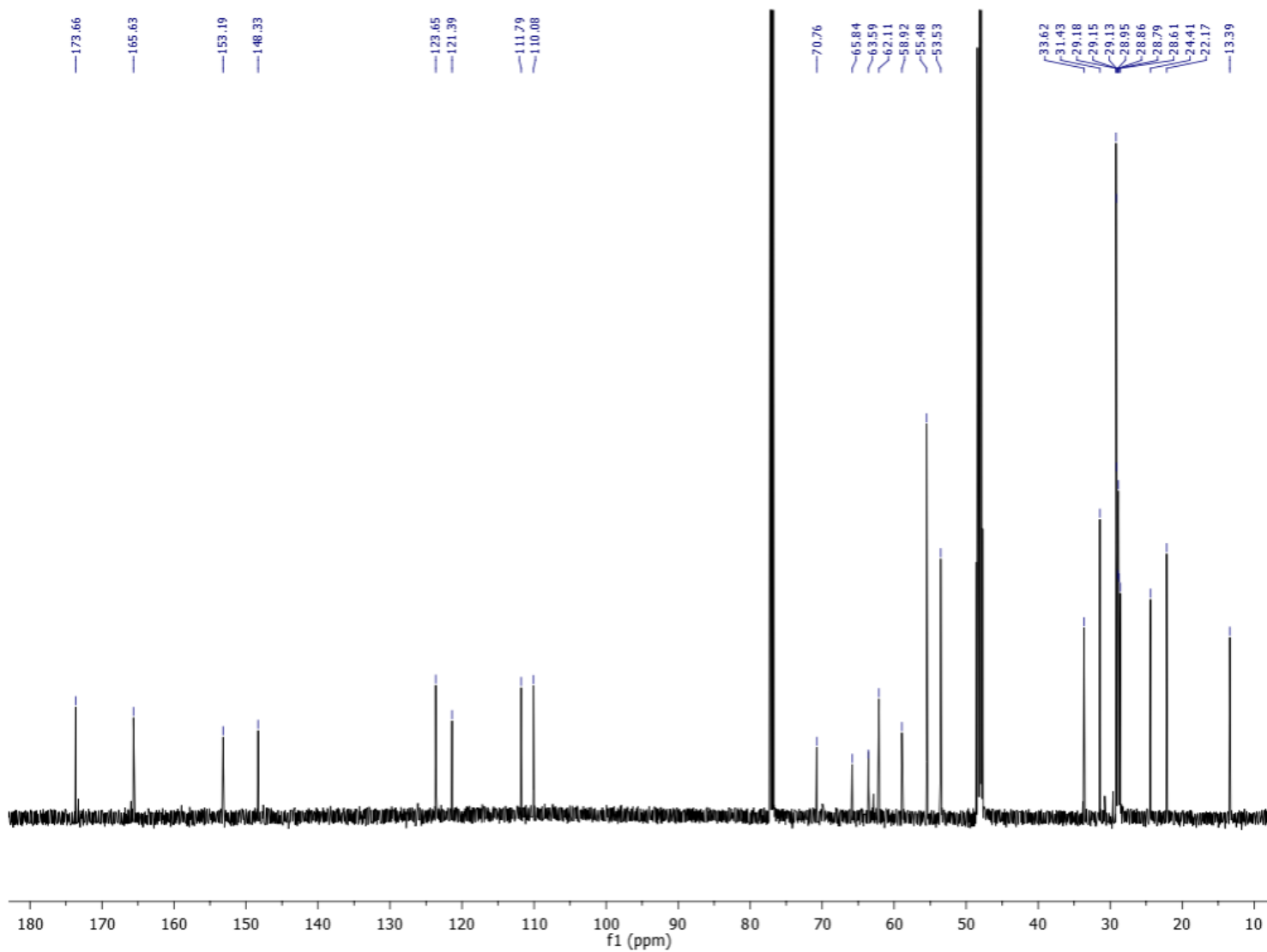


Figure S18: ^{31}P NMR spectrum of 5b.

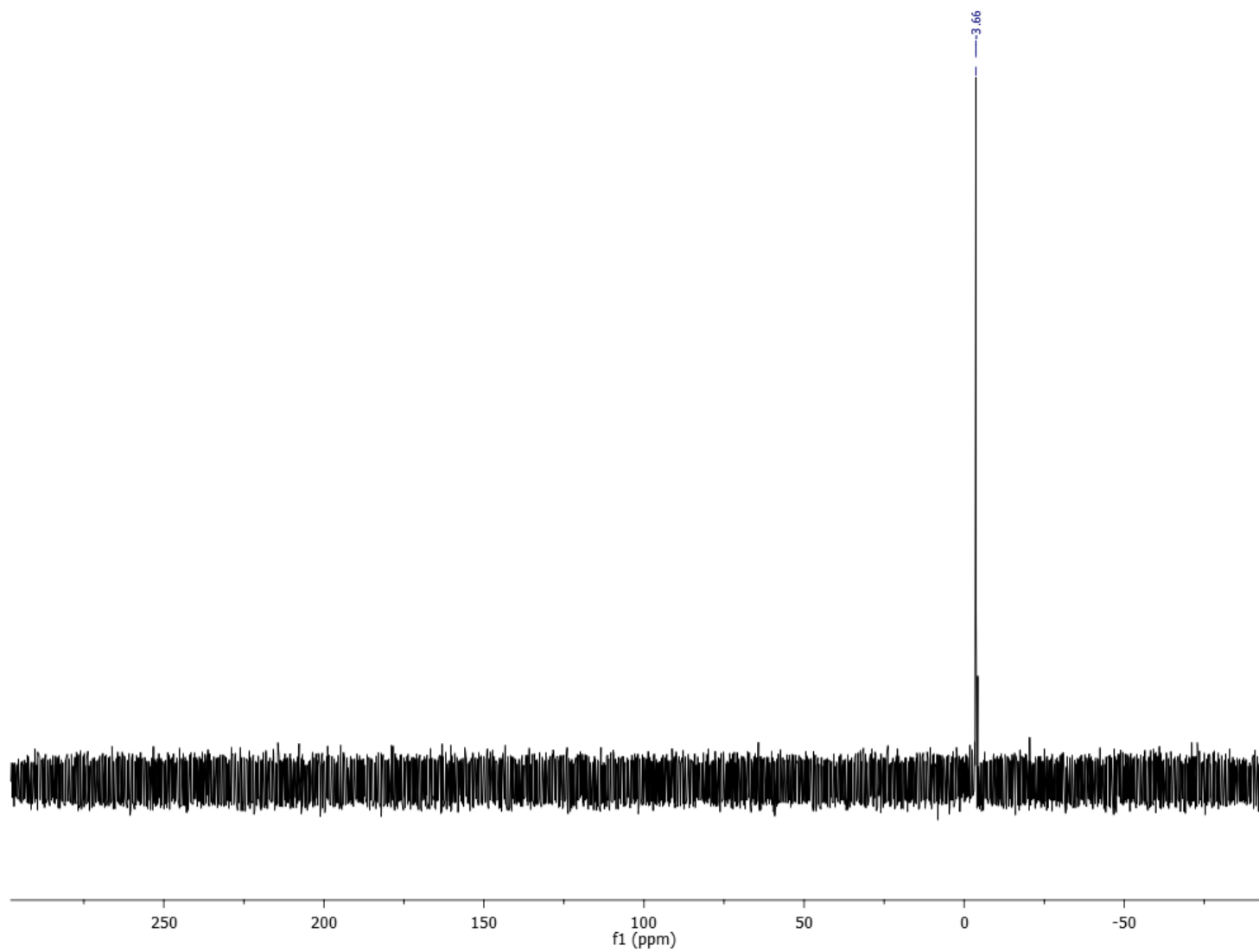


Figure S19: $^1\text{H} - ^1\text{H}$ COSY spectrum of 5b.

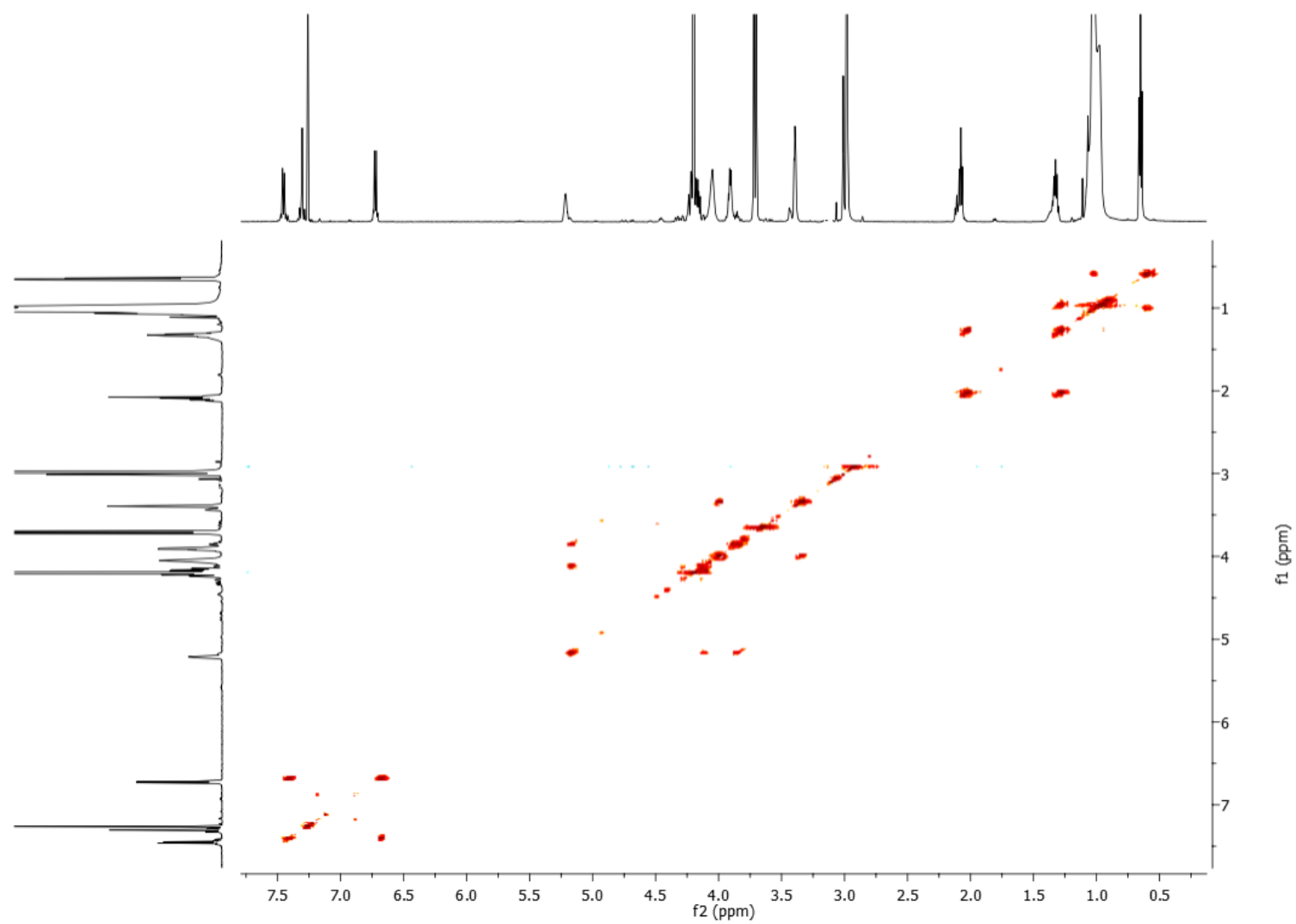
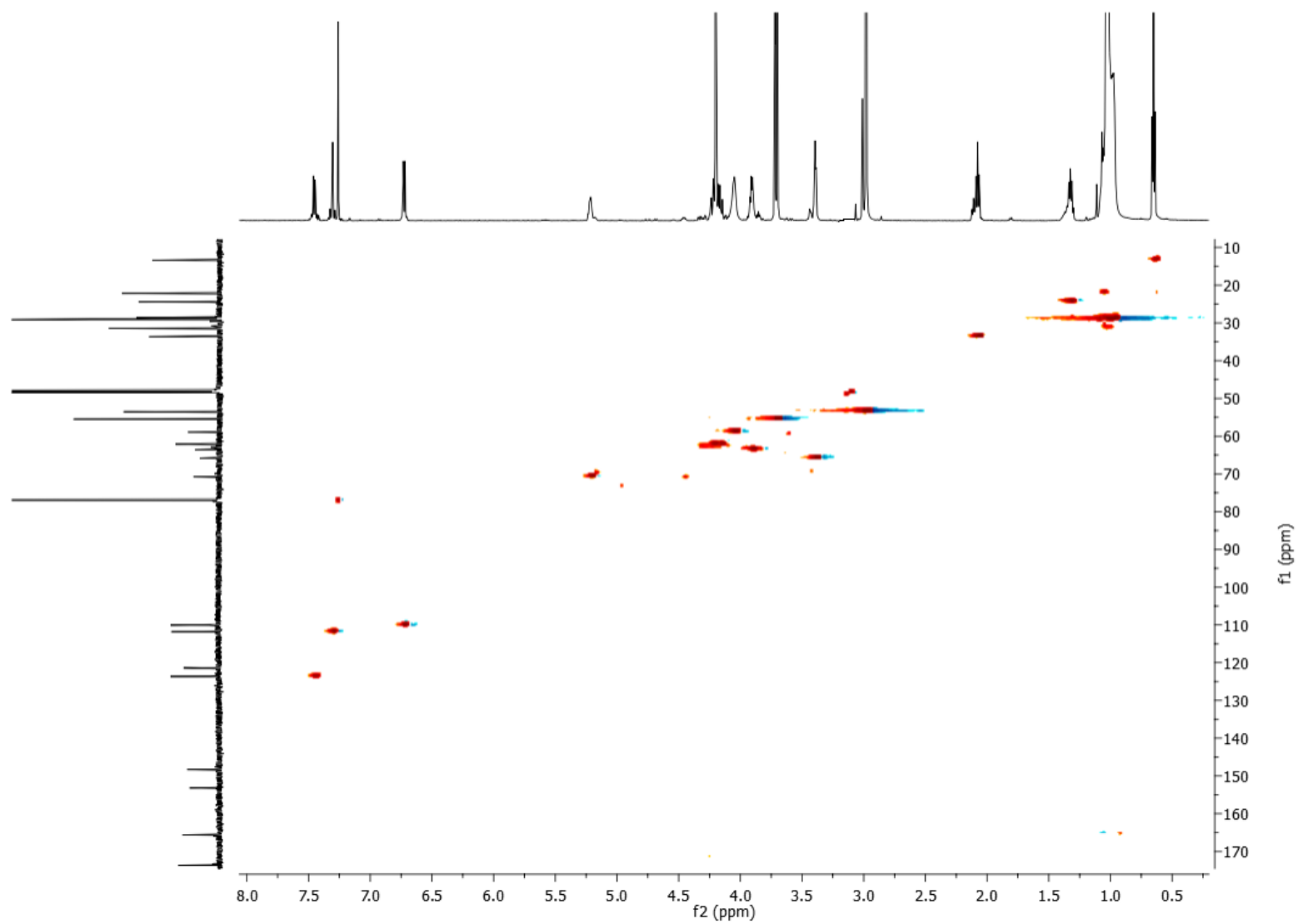
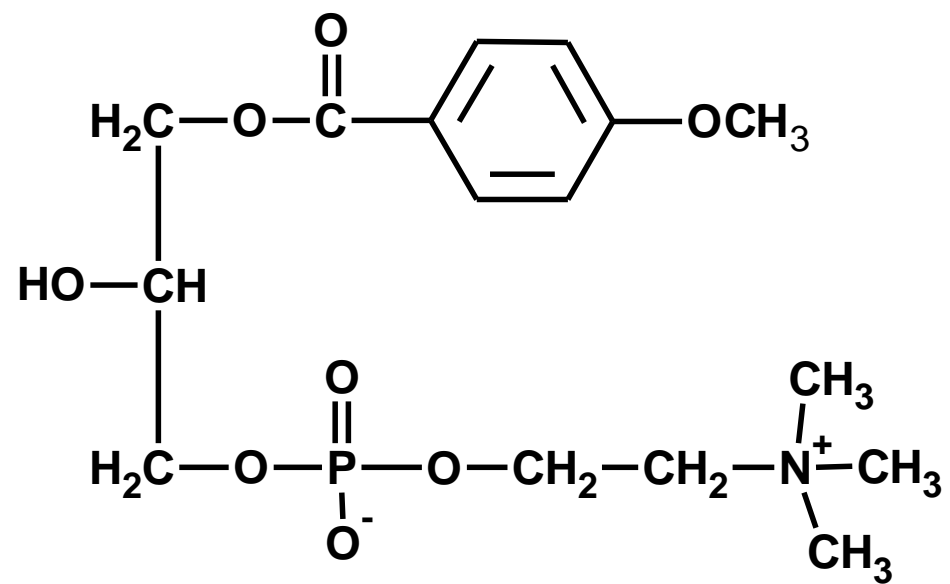


Figure S20: HSQC spectrum of 5b.





1-anisoyl-2-hydroxy-*sn*-glycero-3-phosphocholine (7a)

Figure S21: ^1H NMR spectrum of 7a.

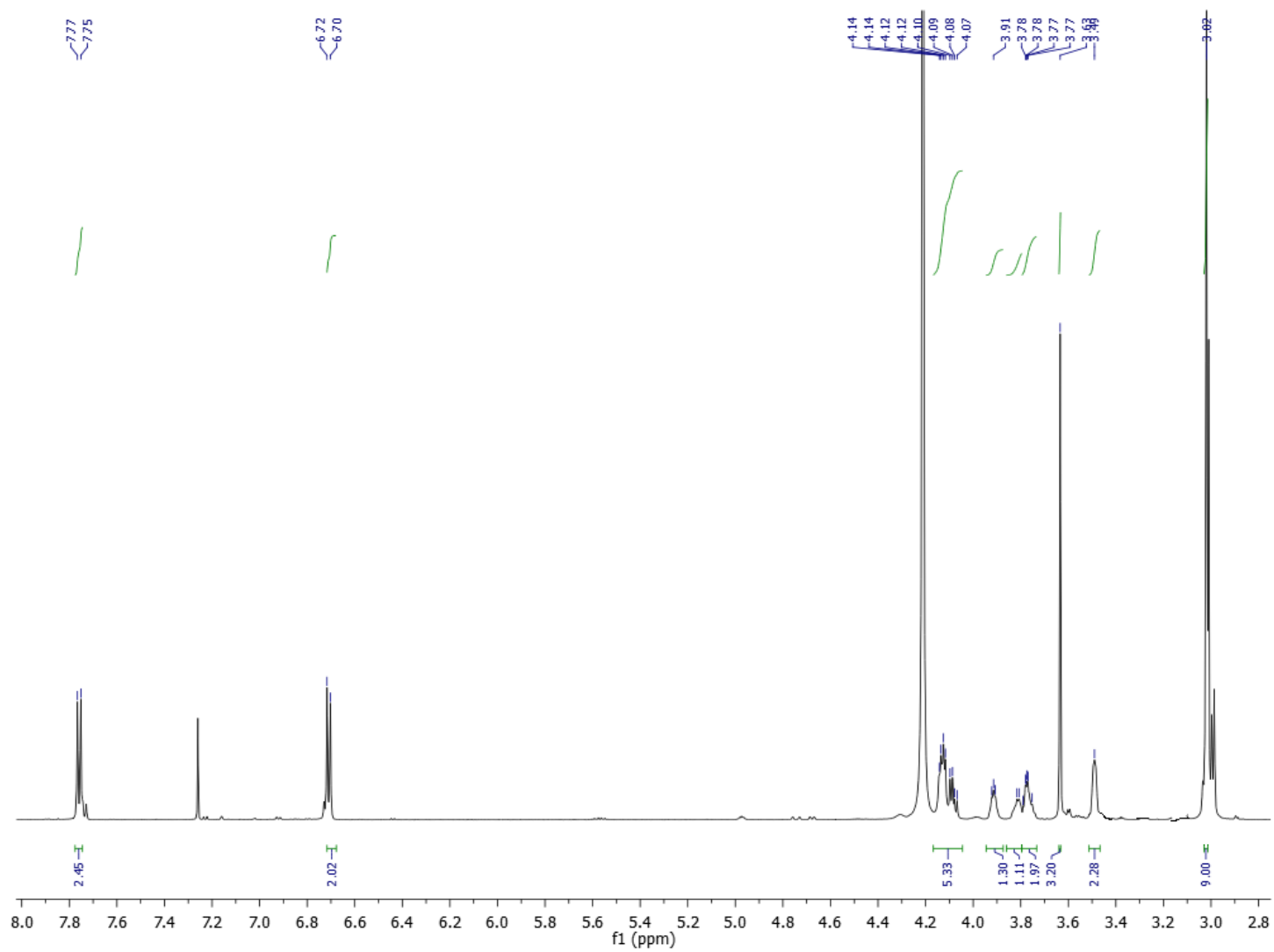


Figure S22: ^{13}C NMR spectrum of 7a.

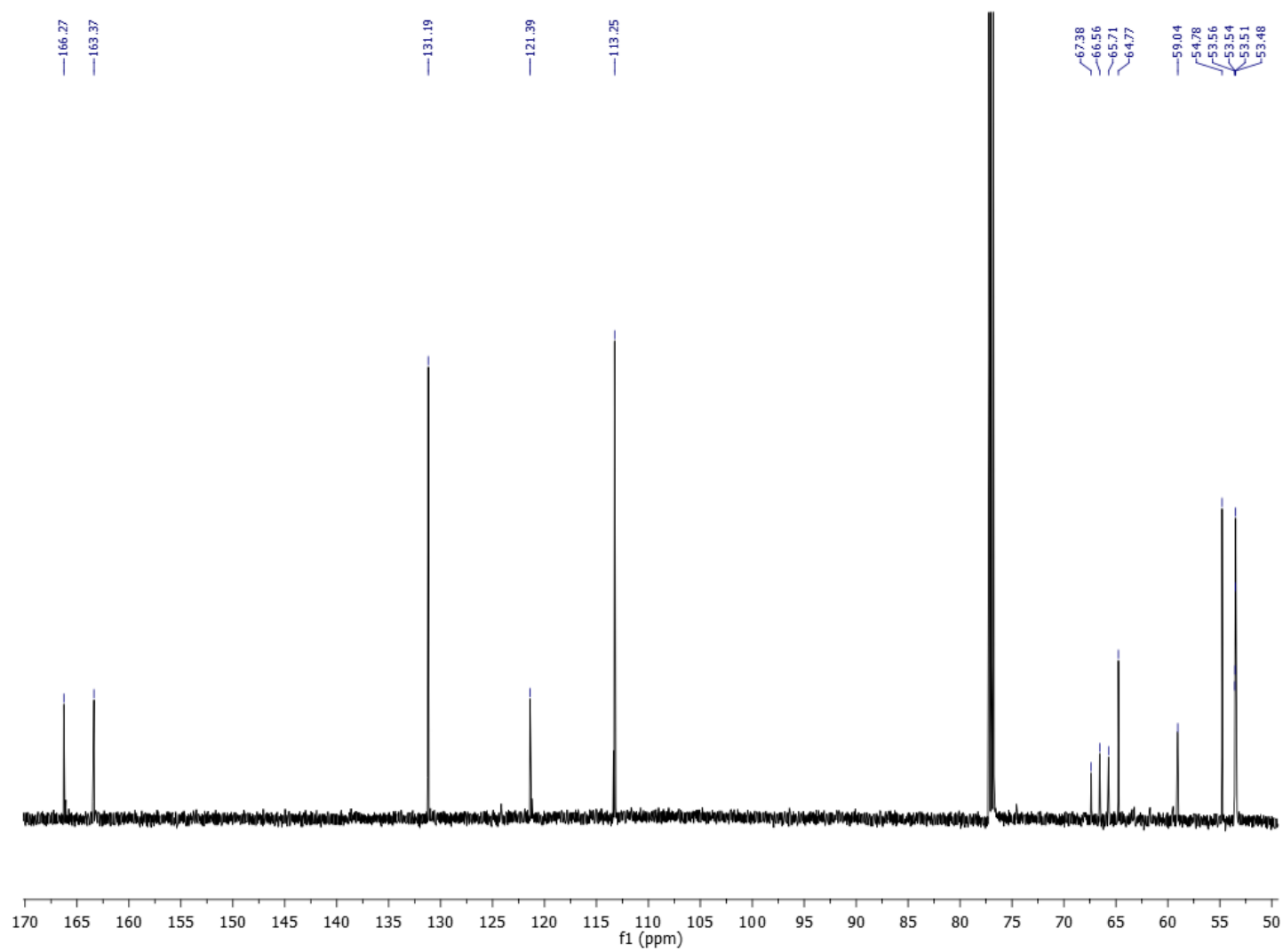


Figure S23: ^{31}P NMR spectrum of 7a.

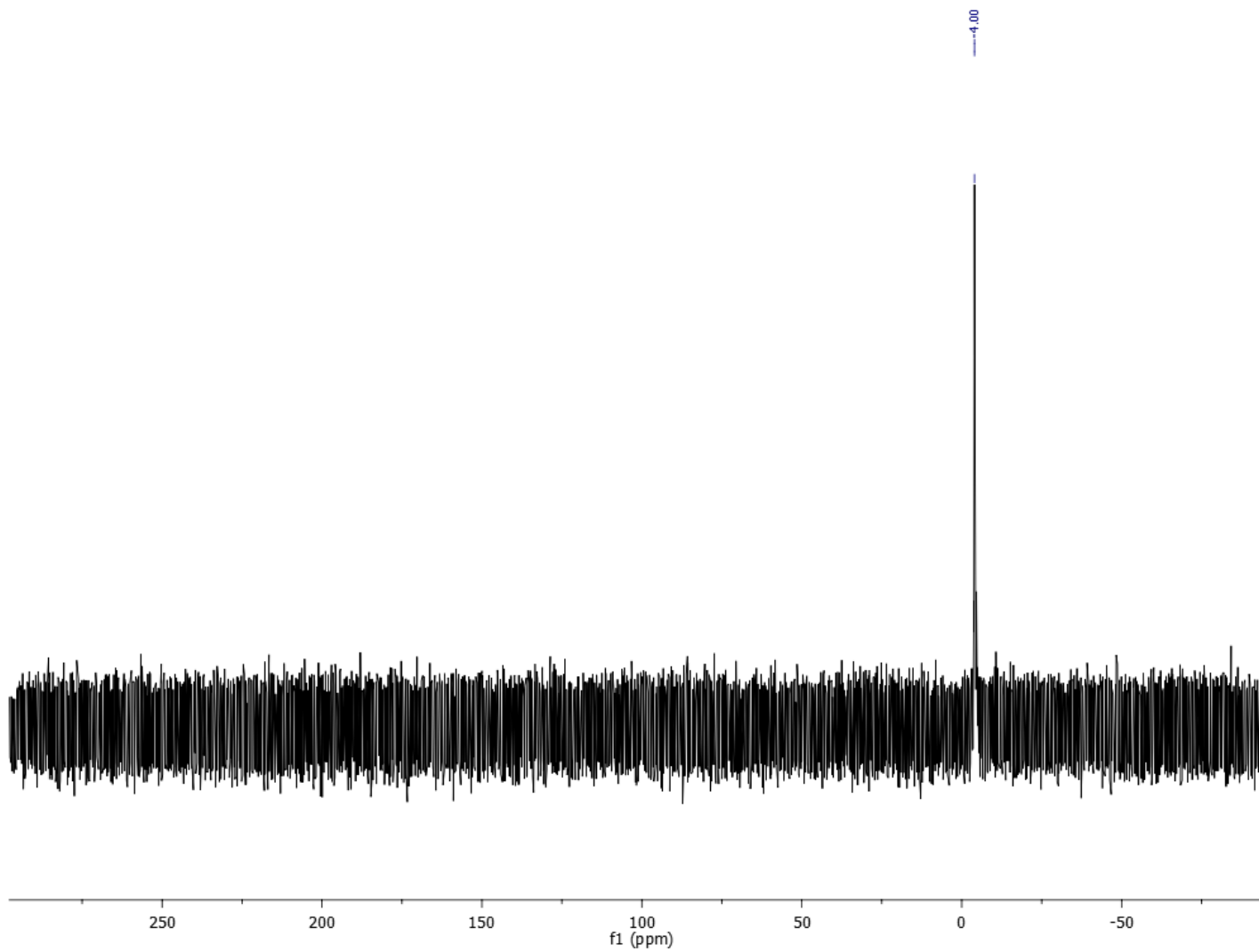


Figure S24: $^1\text{H} - ^1\text{H}$ COSY spectrum of 7a.

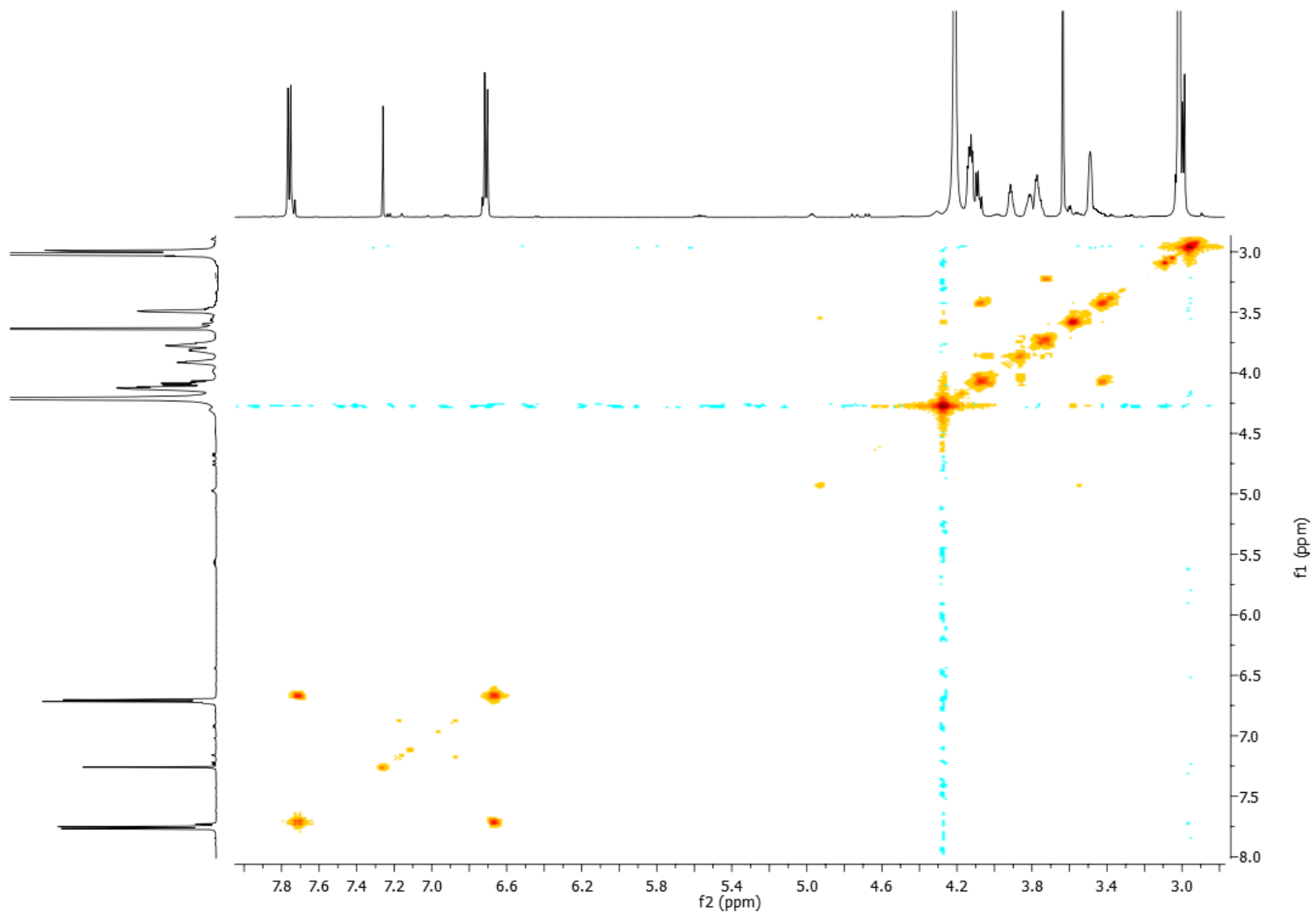
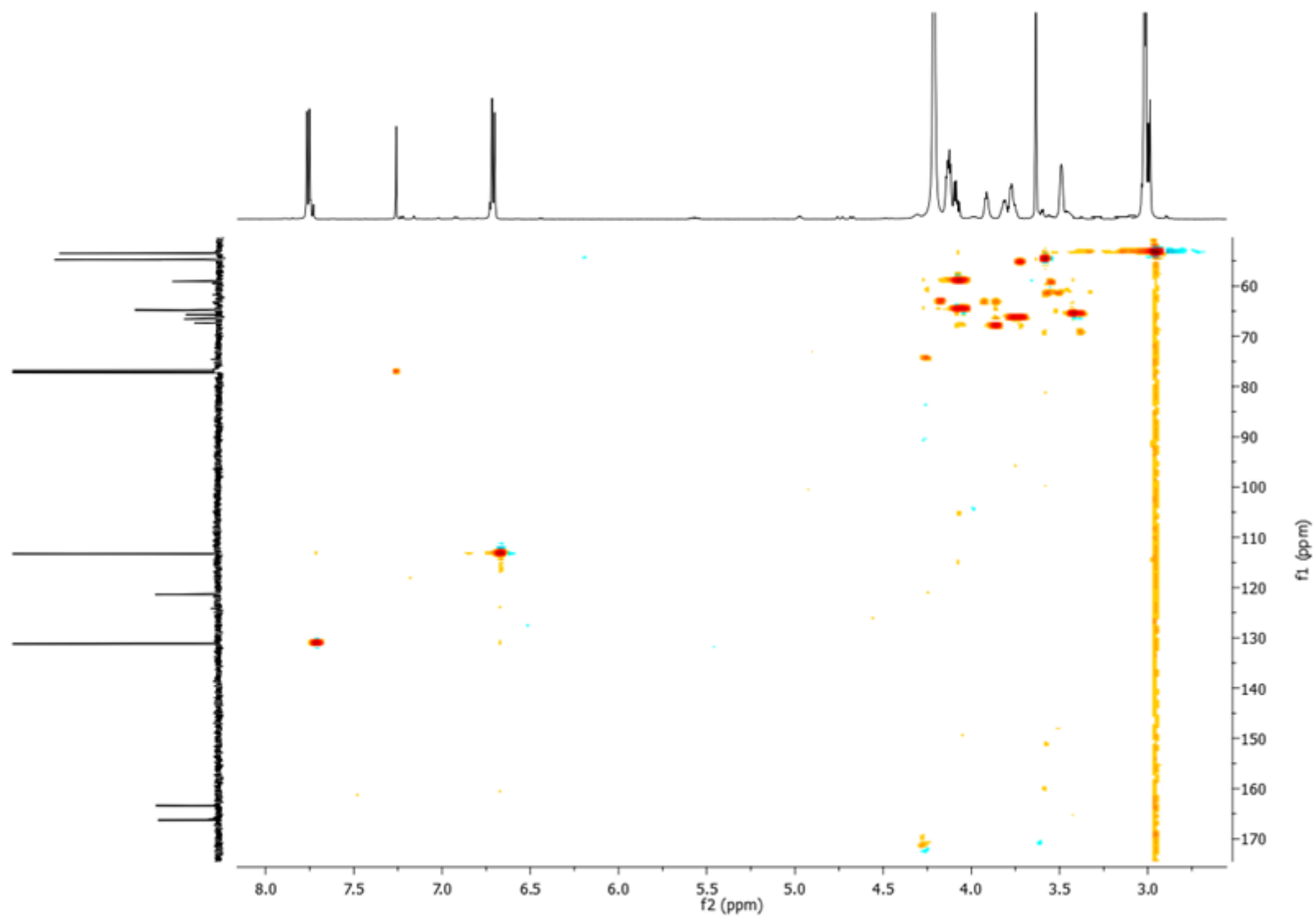
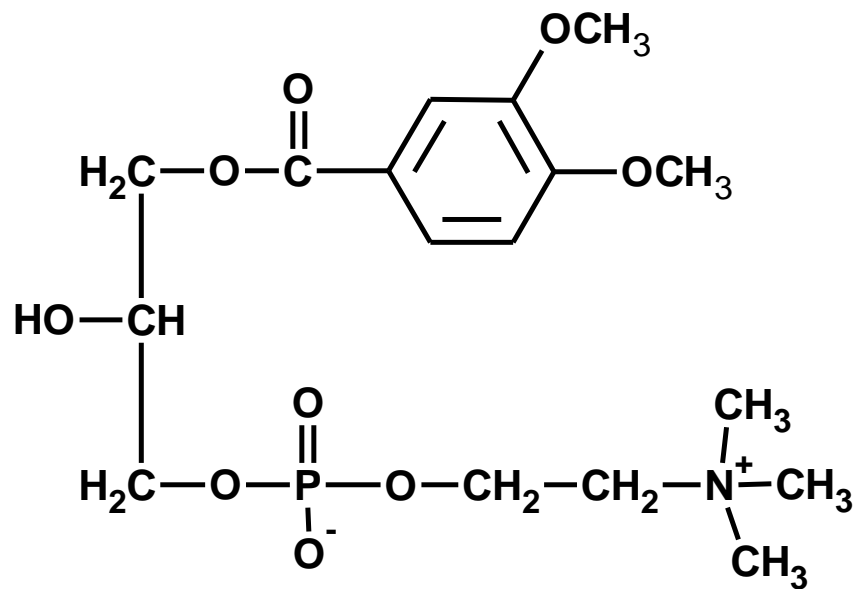


Figure S25: HSQC spectrum of 7a.





1-veratroyl-2-hydroxy-*sn*-glycero-3-phosphocholine (**7b**)

Figure S26: ¹H NMR spectrum of 7b.

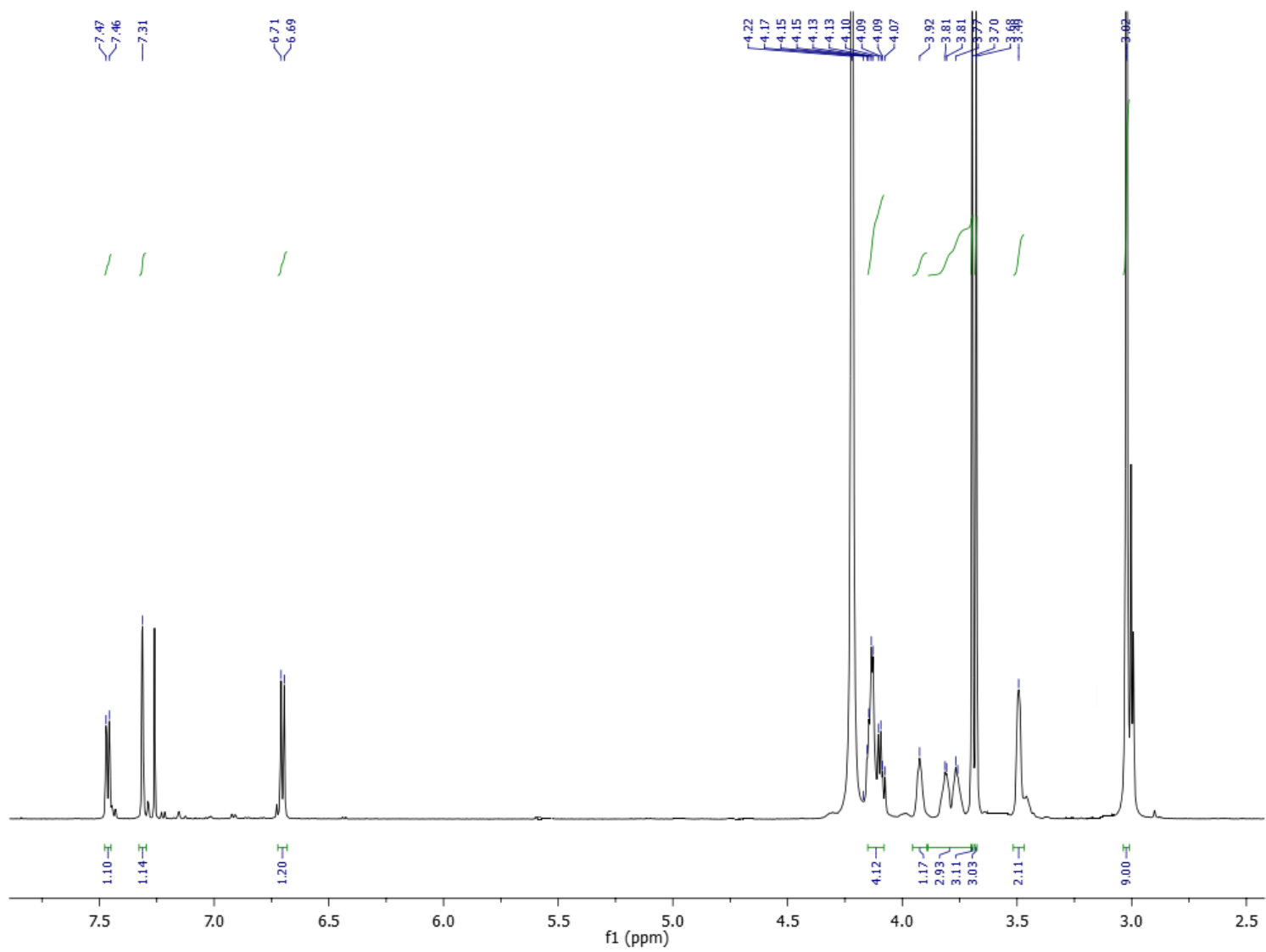


Figure S27: ^{13}C NMR spectrum of 7b.

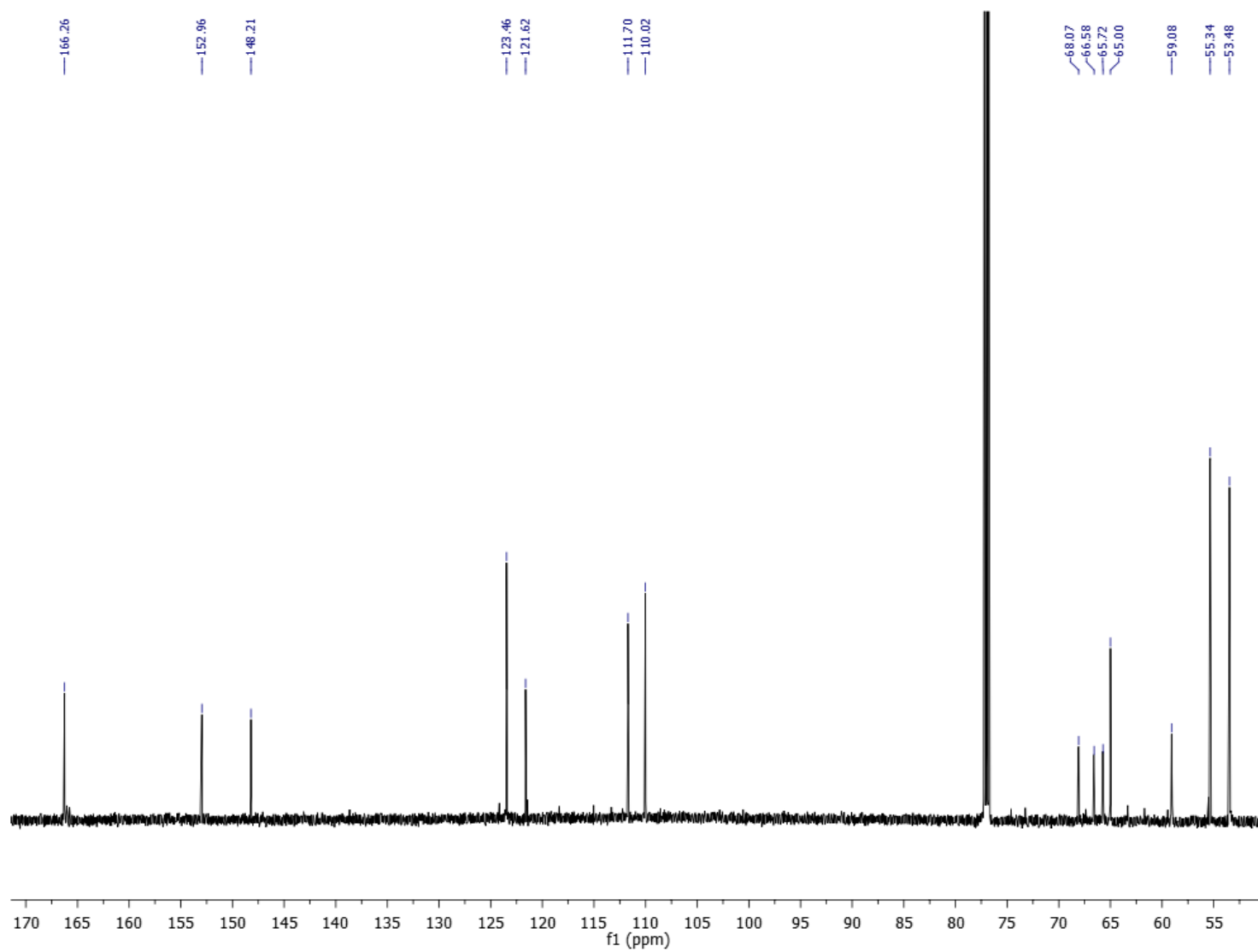


Figure S28: ^{31}P NMR spectrum of 7b.

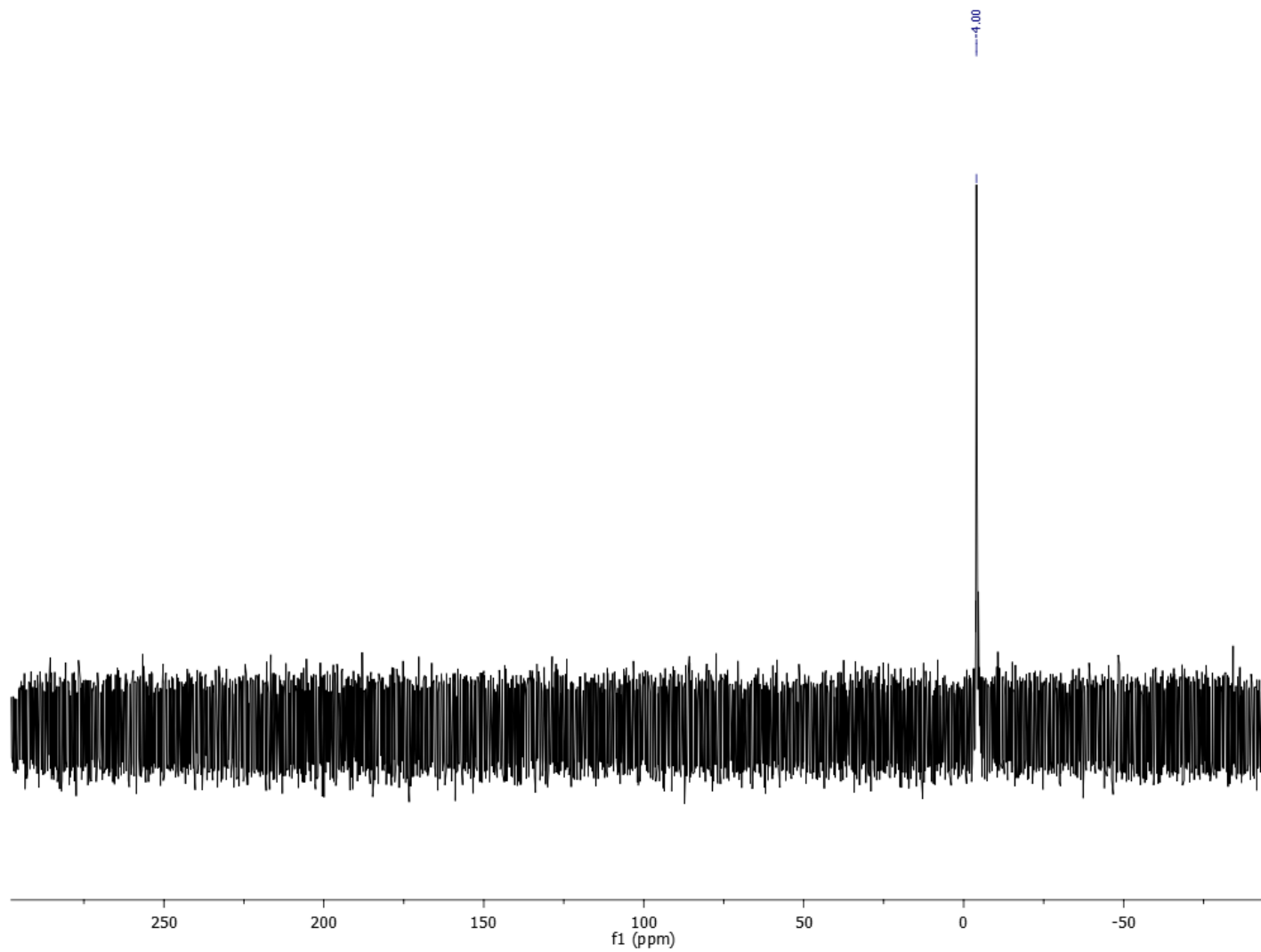


Figure S29: $^1\text{H} - ^1\text{H}$ COSY spectrum of 7b.

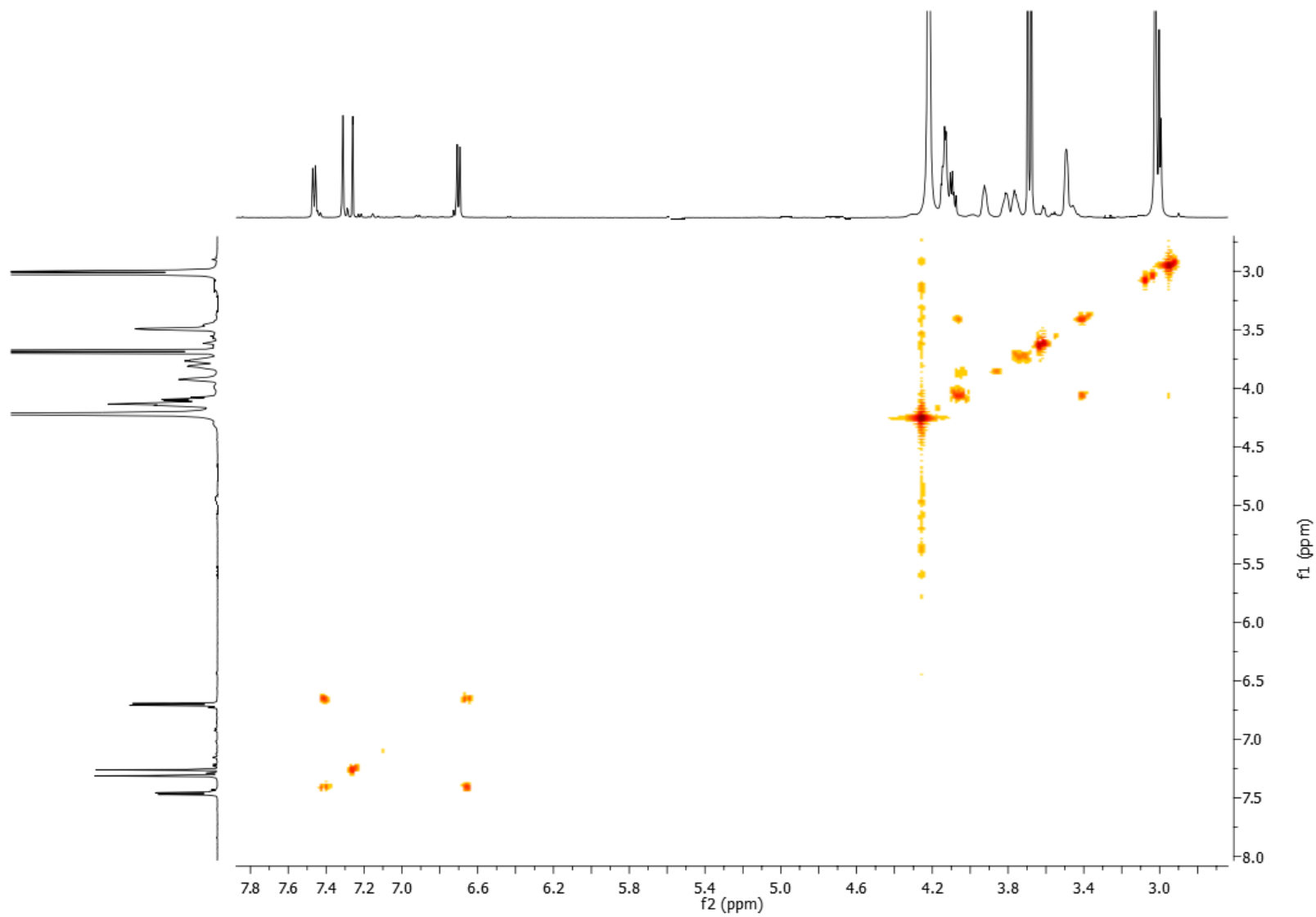
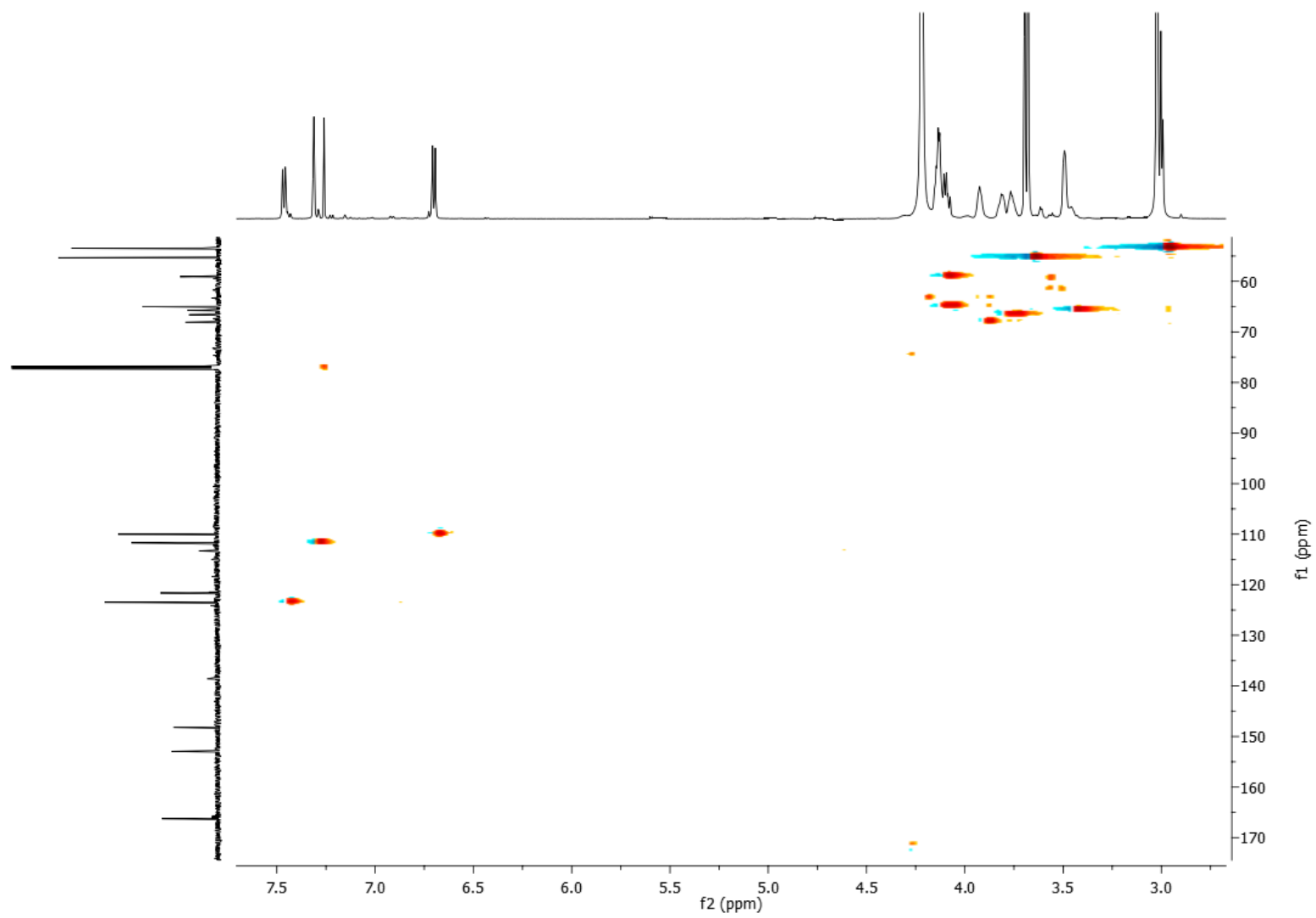
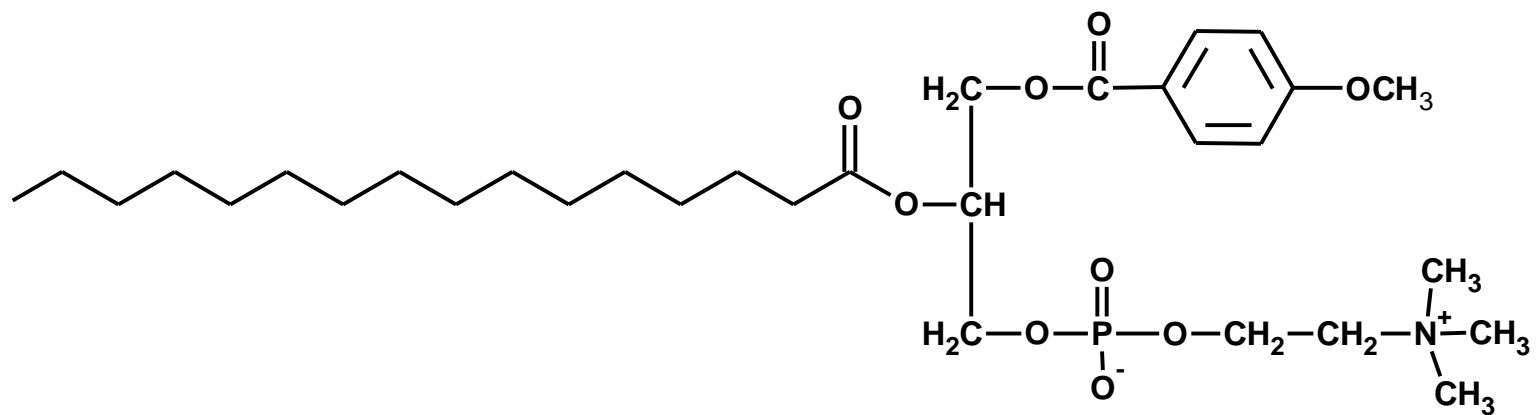


Figure S30: HSQC spectrum of 7b.





1-anisoyl-2-palmitoyl-*sn*-glycero-3-phosphocholine (8a)

Figure S31: ¹H NMR spectrum of 8a.

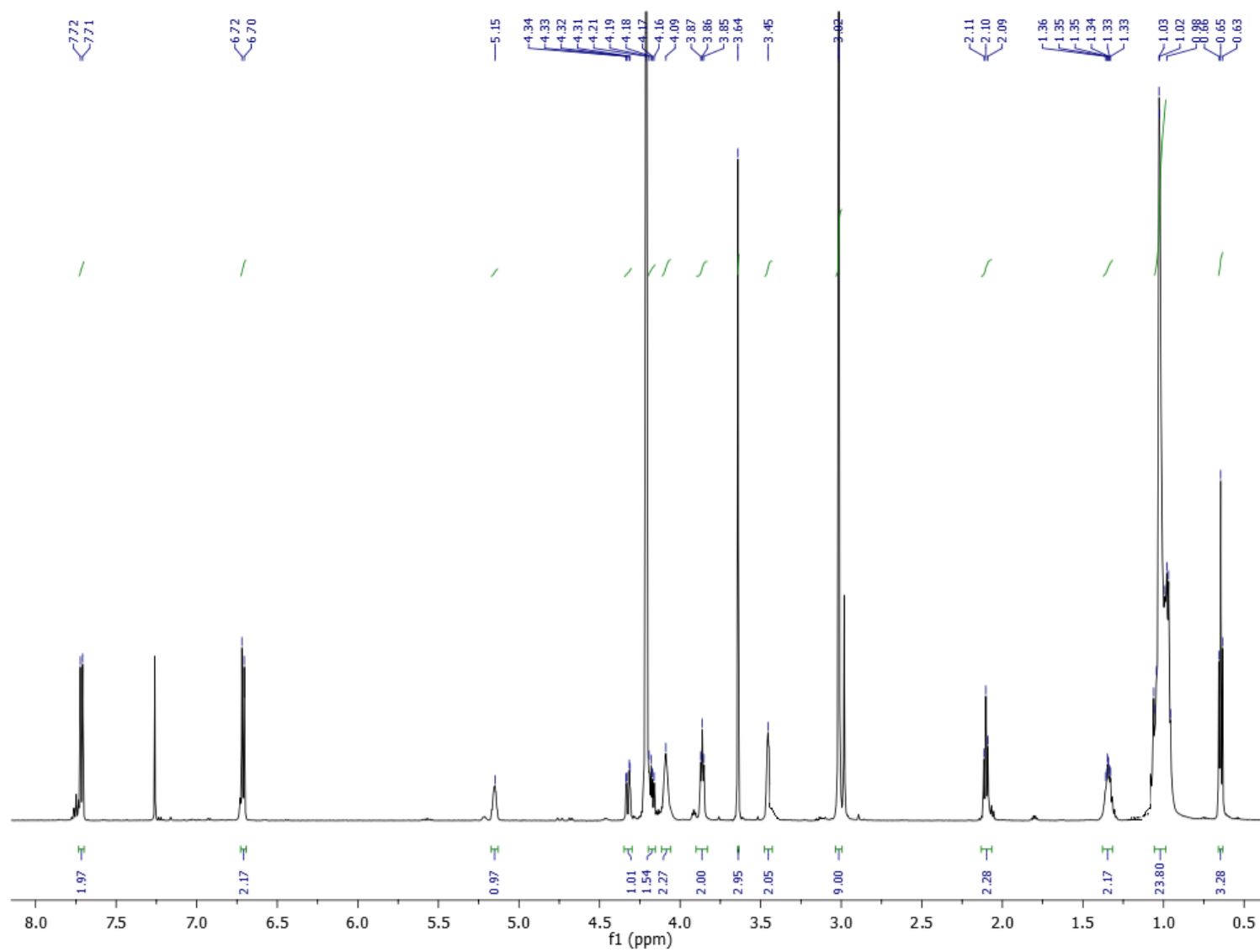


Figure S32: ^{13}C NMR spectrum of 8a.

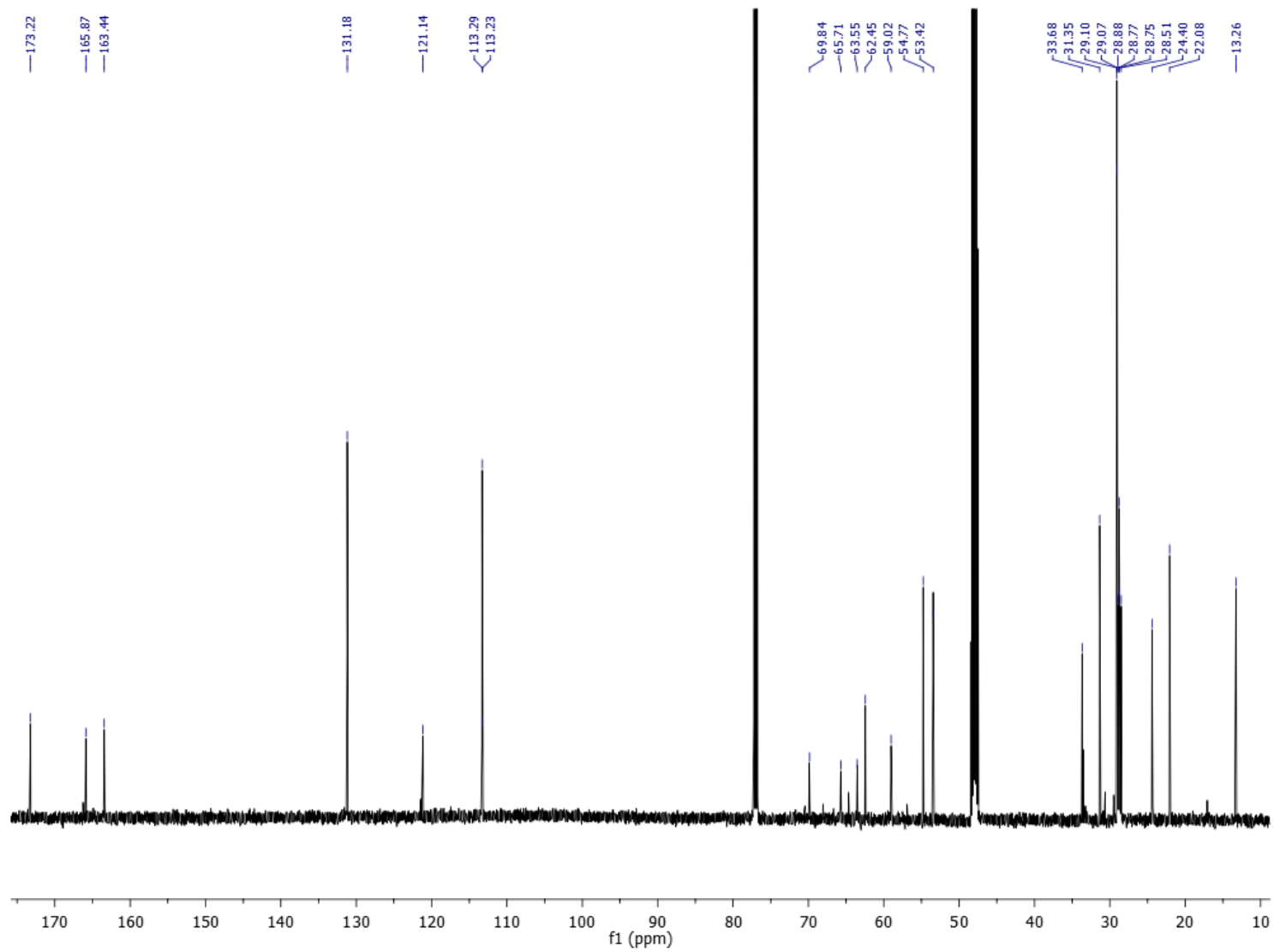


Figure S33: ^{31}P NMR spectrum of 8a.

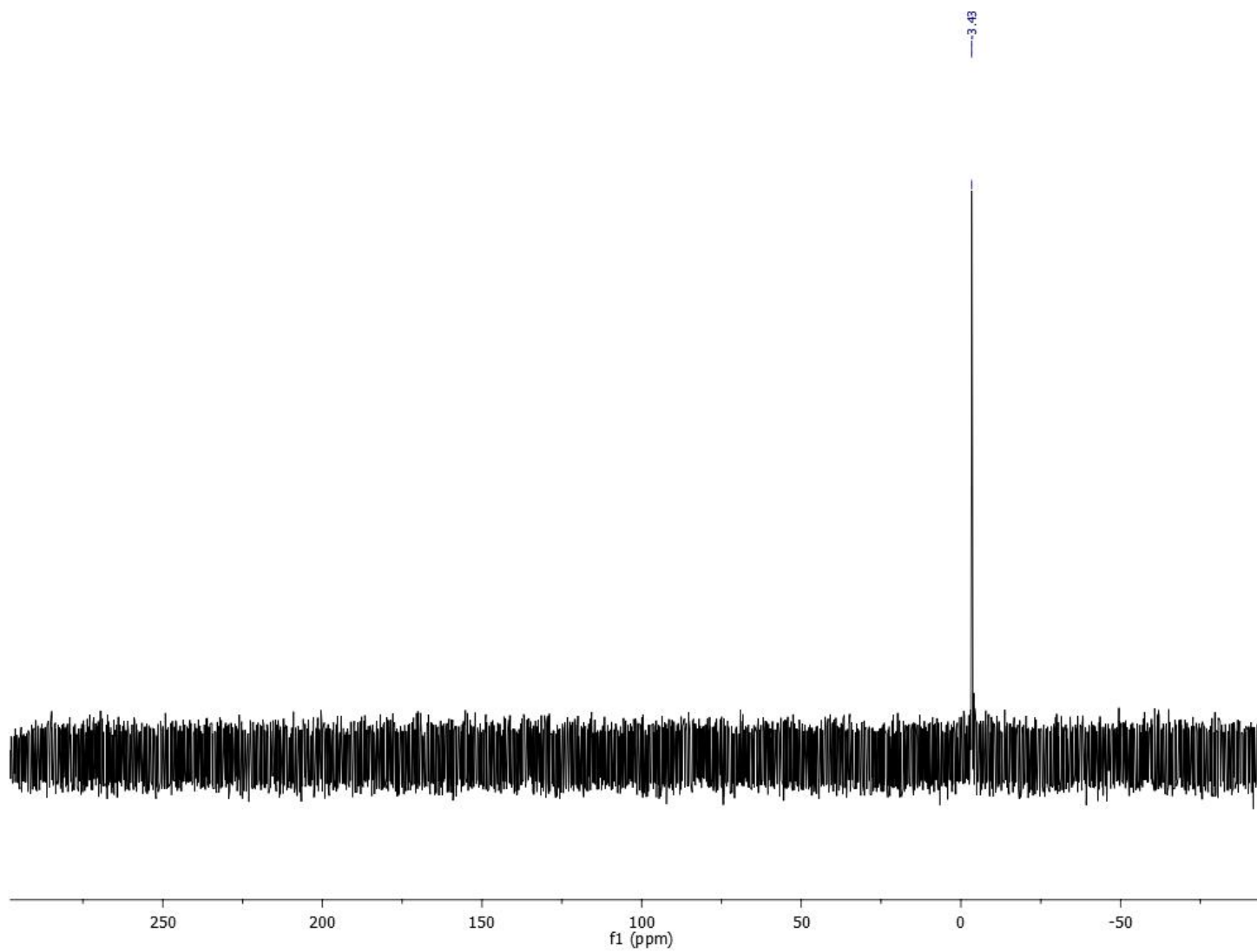


Figure S34: $^1\text{H} - ^1\text{H}$ COSY spectrum of 8a.

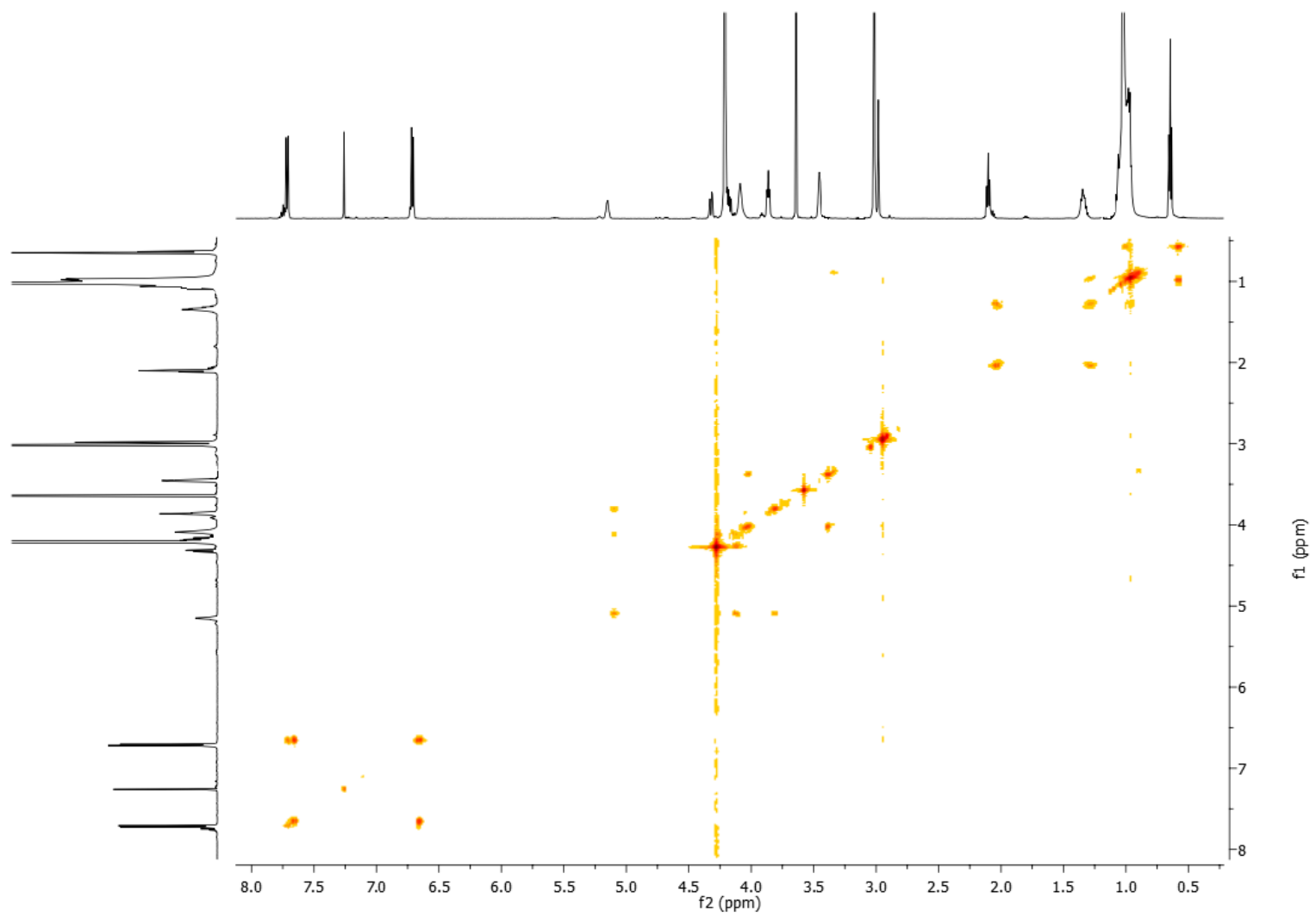
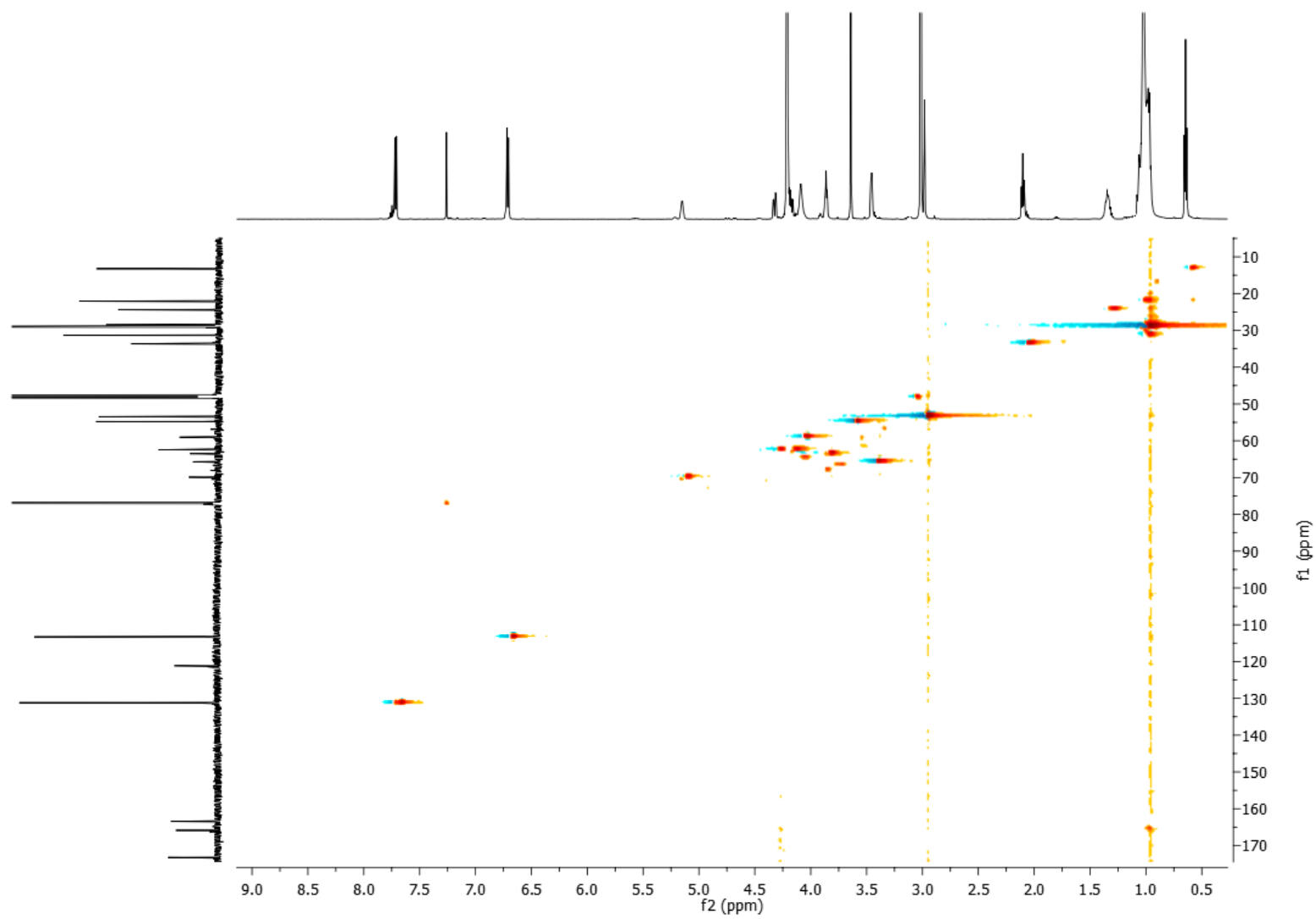
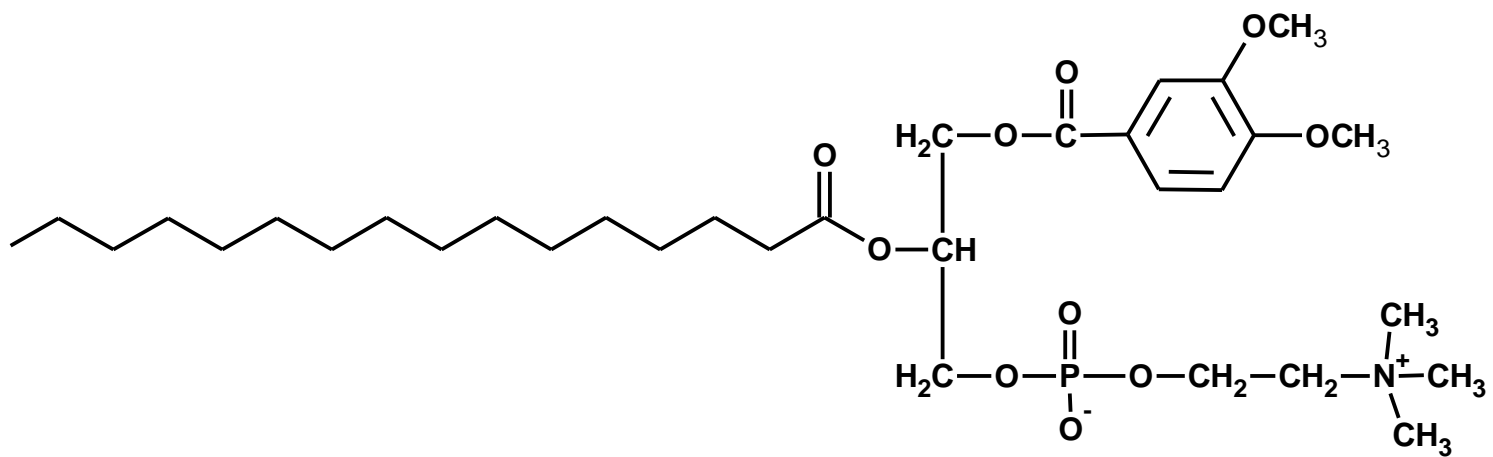


Figure S35: HSQC spectrum of 8a.





1-veratroyl-2-palmitoyl-*sn*-glycero-3-phosphocholine (**8b**)

Figure S36: ^1H NMR spectrum of 8b.

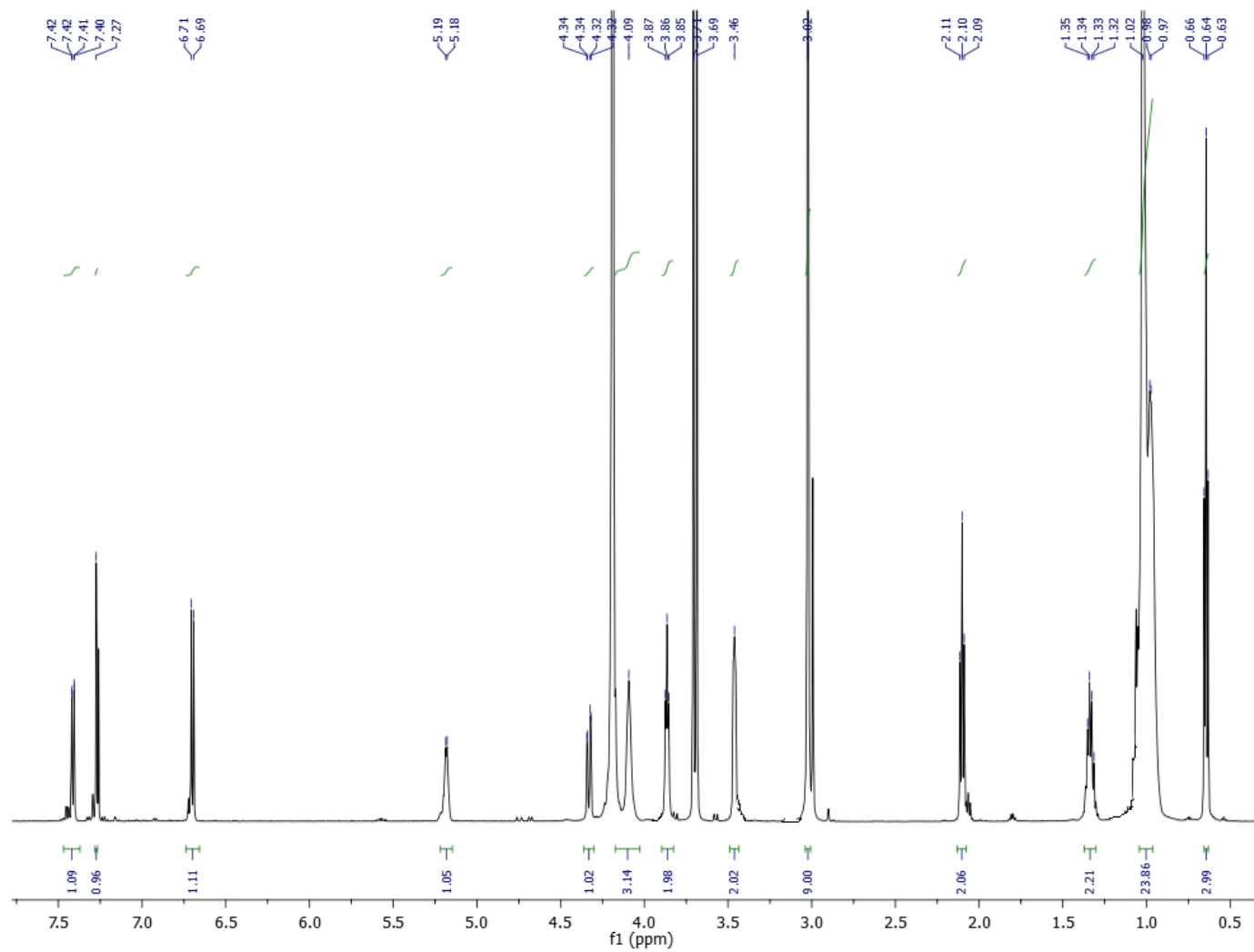


Figure S37: ^{13}C NMR spectrum of 8b.

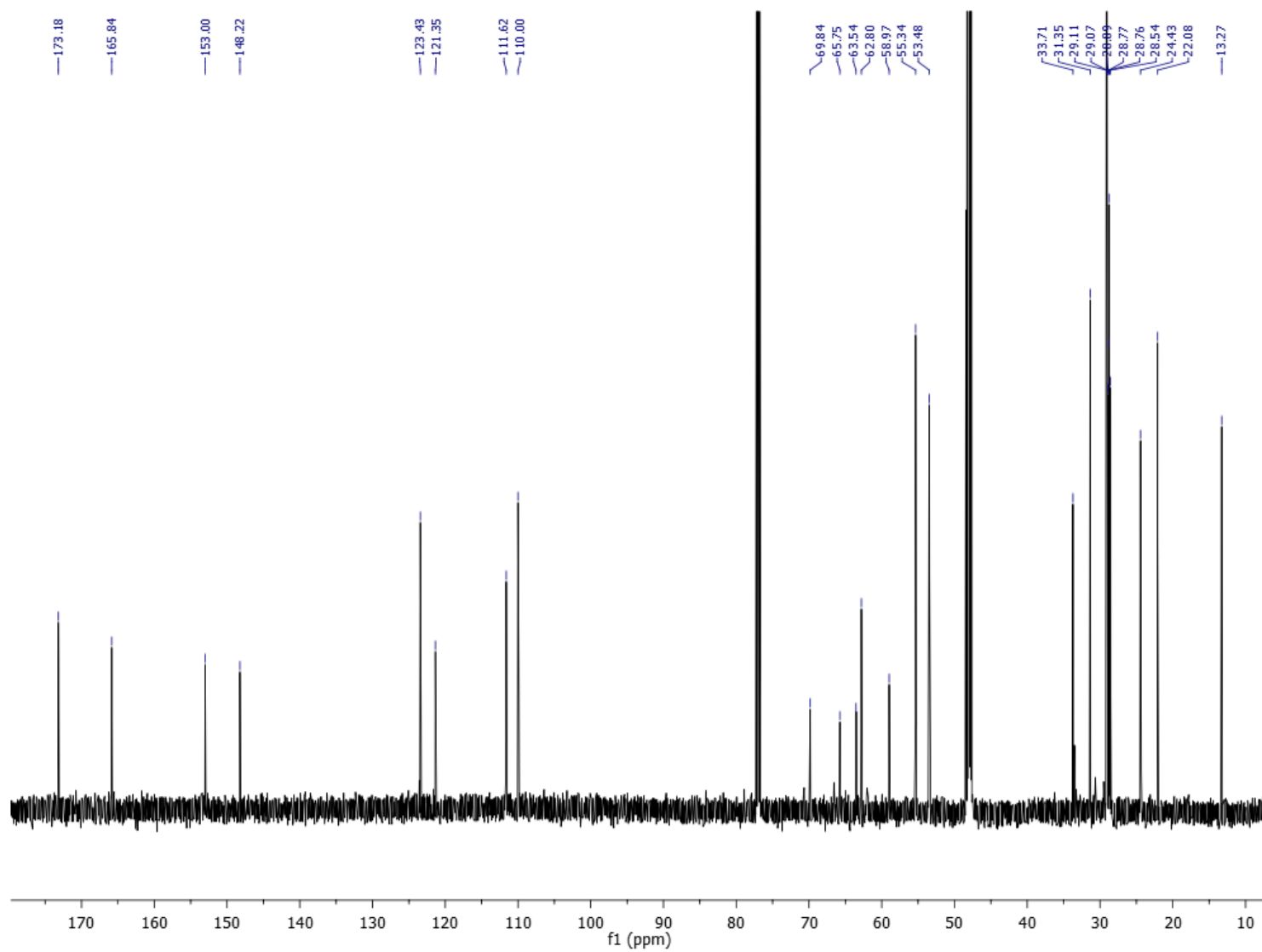


Figure S38: ^{31}P NMR spectrum of 8b.

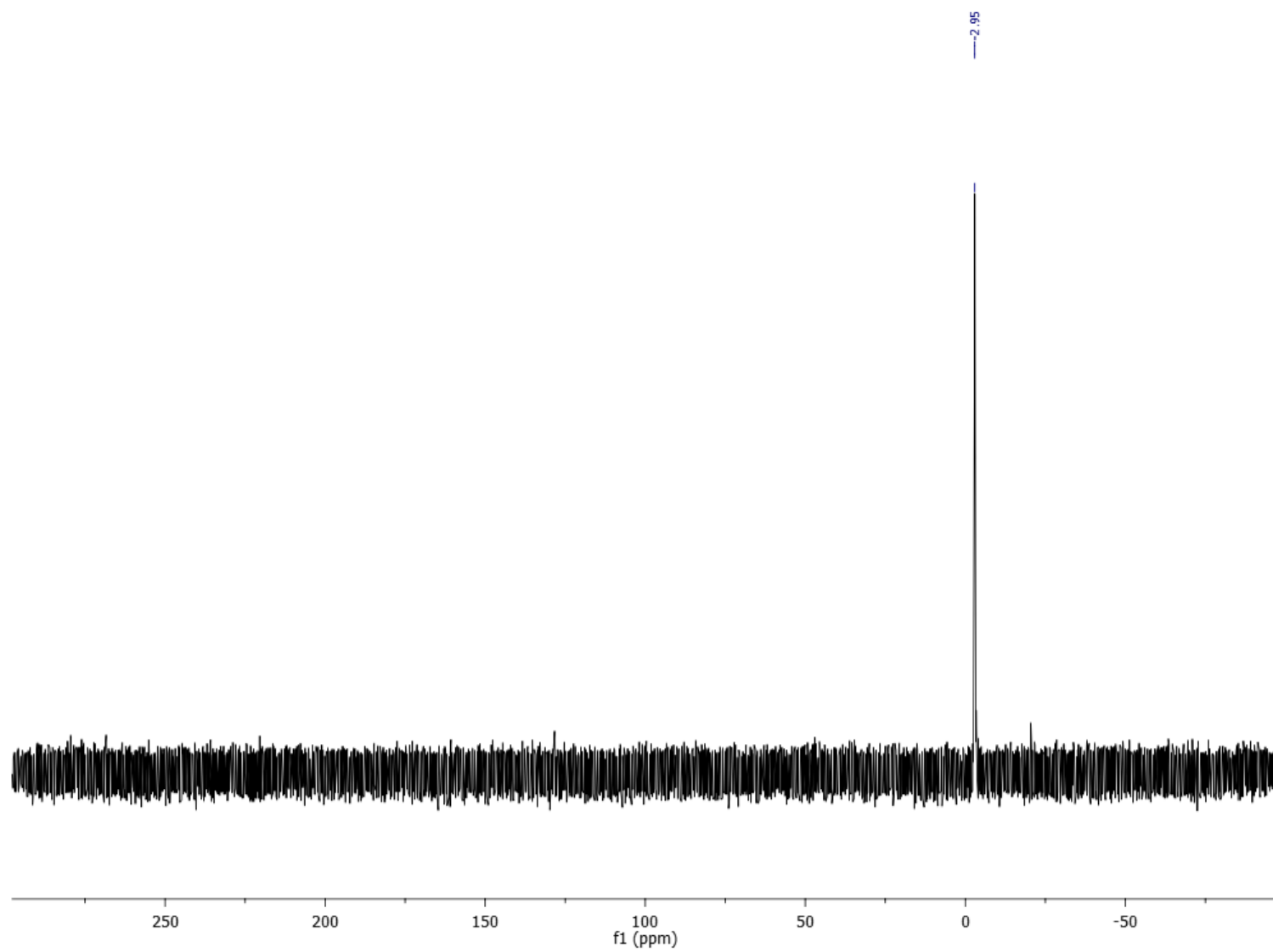


Figure S39: $^1\text{H} - ^1\text{H}$ COSY spectrum of 8b.

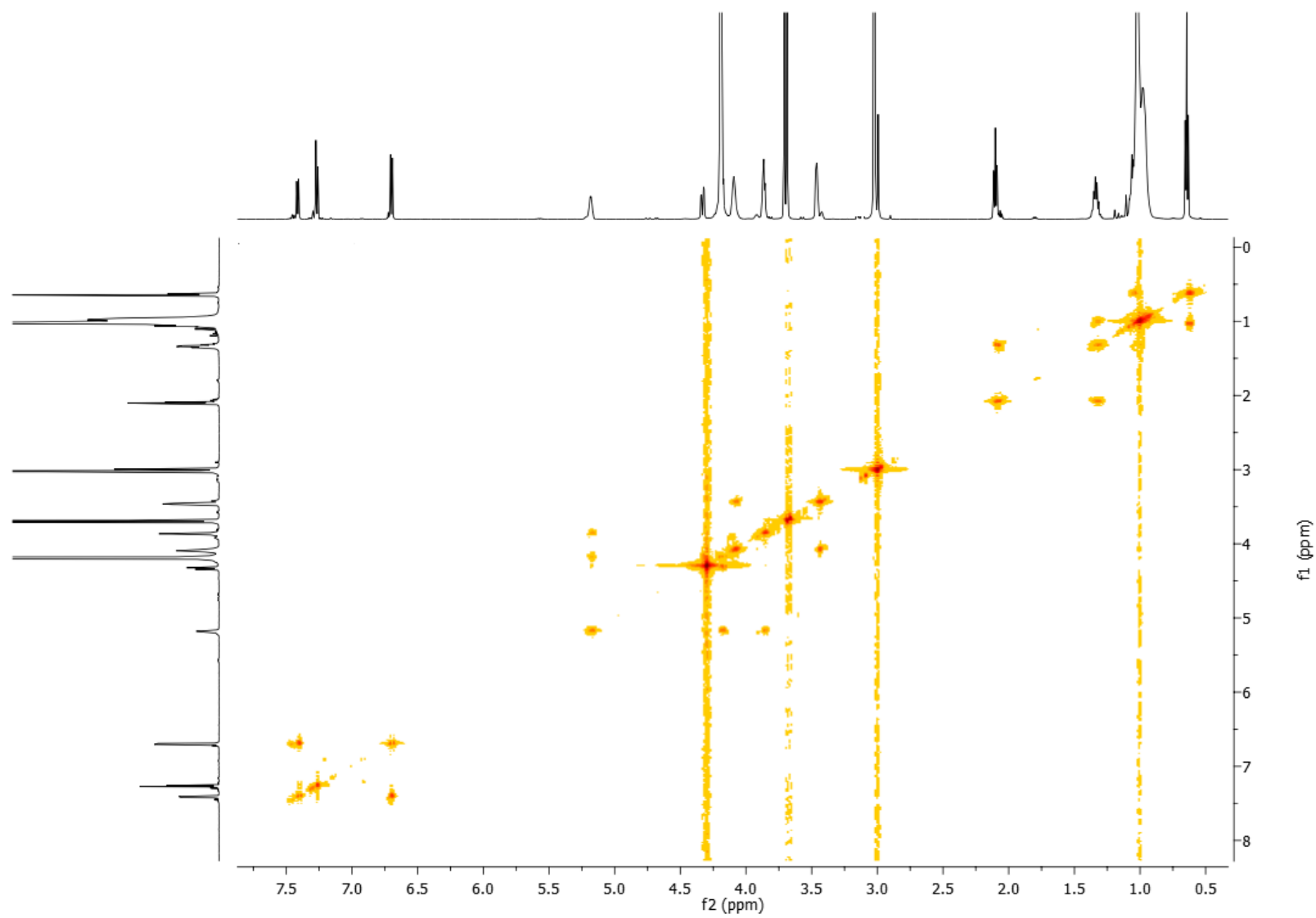


Figure S40: HSQC spectrum of 8b.

