Supporting Information - Ambidentate Pyridyl-Carboxylate Ligands in the Coordination Driven Self-Assembly of 2D Pt-Macrocycles: Self-Selection for a Single Isomer.

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Table of Contents

Figure S1. ^{31}P NMR of **2a**.

Figure S2. ^{1}H NMR of **2a**.

Figure S3. ESIMS of **2a**.

Theoretical

1166.3
1167.3
1168.3
1169.3
1170.3
1171.3
1172.3
1173.3

Experimental

1166.5
1167.5
1168.5
1169.5
1170.5
1171.5
1172.5
1173.6

[**2a**-NO$_3^-$]$^+$
1169

solvent

water
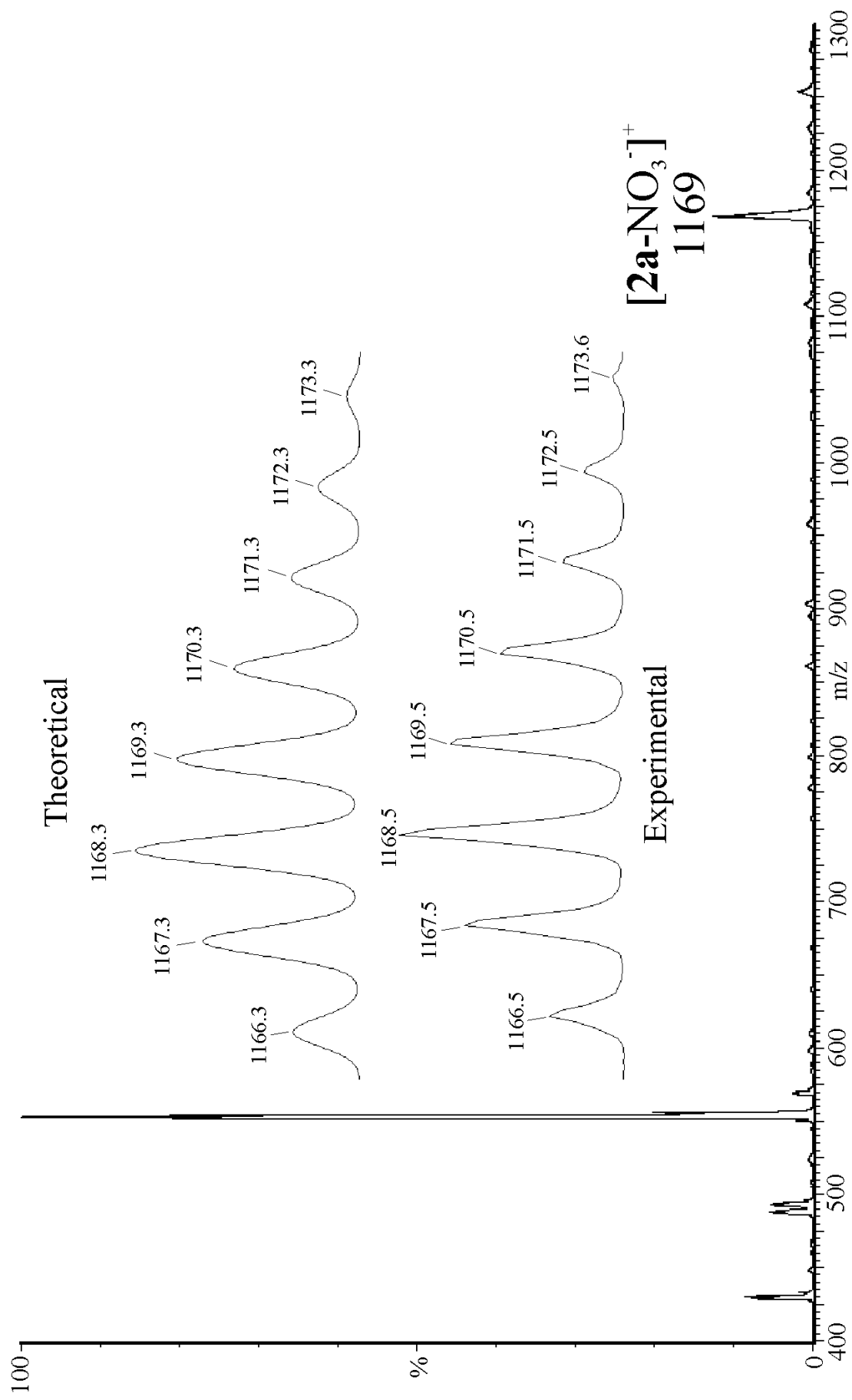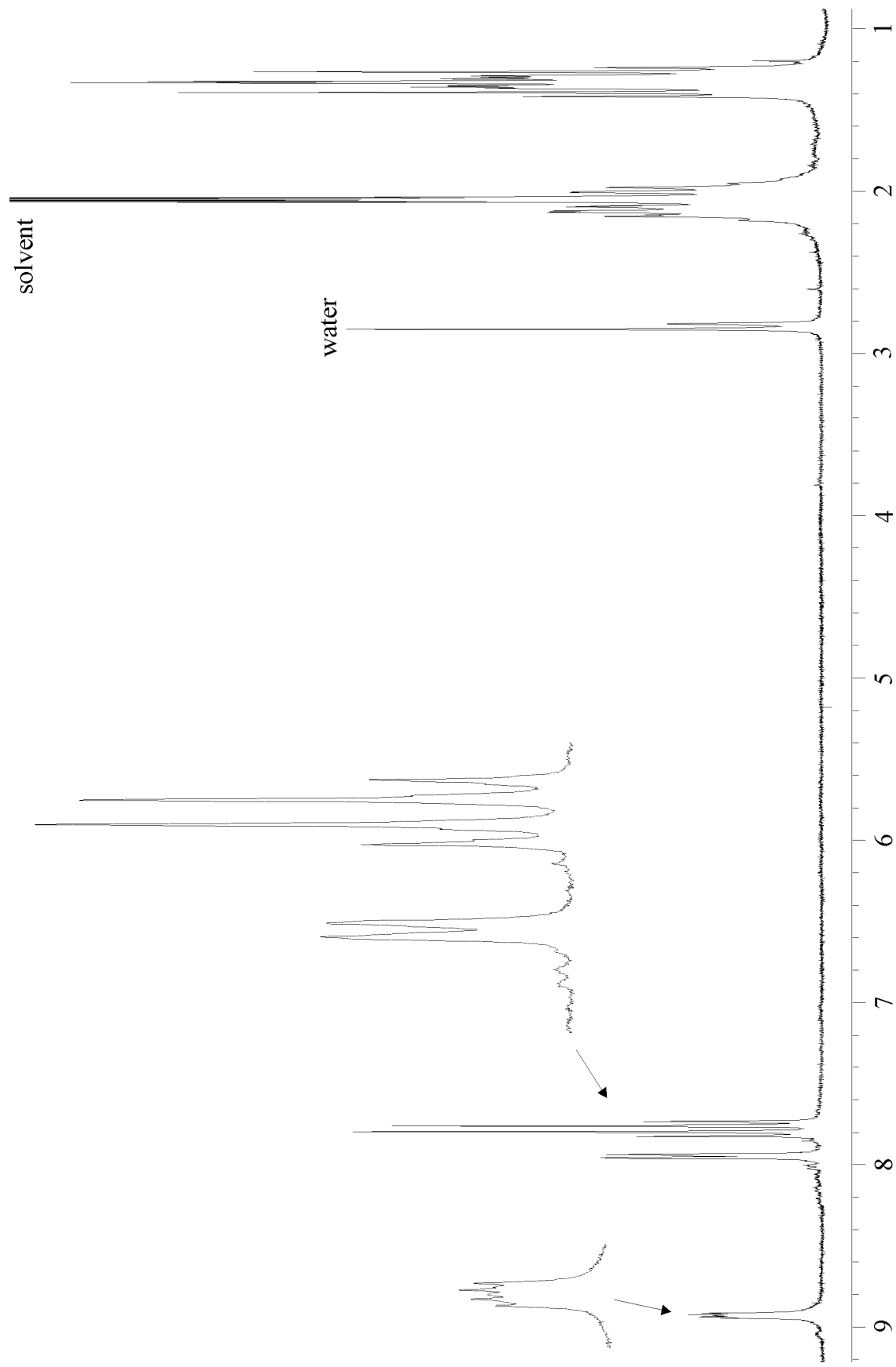
Figure S4. ¹H NMR of **2b**.

Figure S5. ESIMS of **2b**.

Theoretical

1318.4
1319.4
1320.4
1321.4
1322.4
1323.4
1324.4
1325.4

Experimental

1318.4
1319.4
1320.4
1321.4
1322.4
1323.4
1324.4
1325.4

[**2b**-NO$_3^-$]$^+$
1321

100

%

0

600   700   800   900   1000   1100   1200   1300   1400   1500

m/z
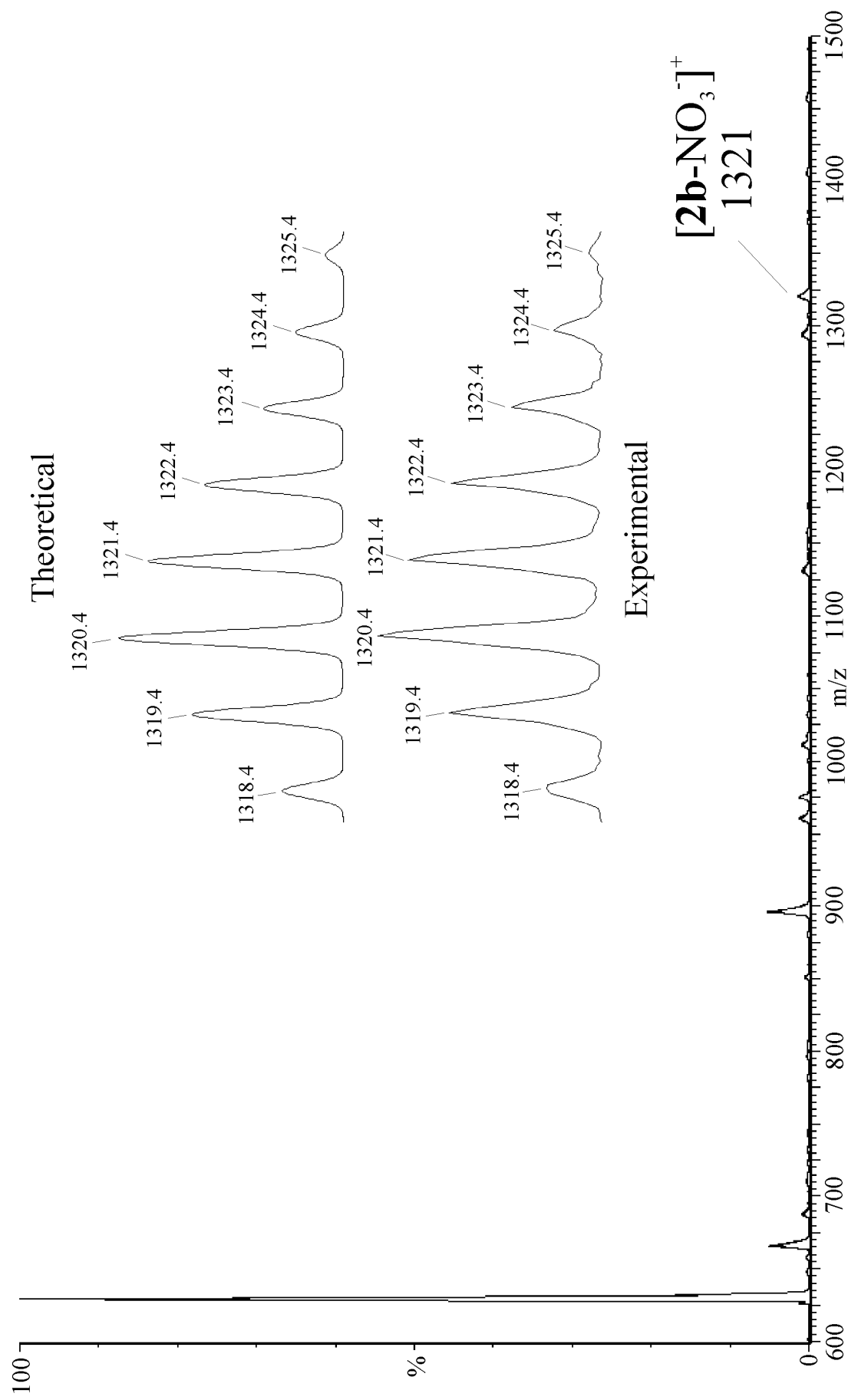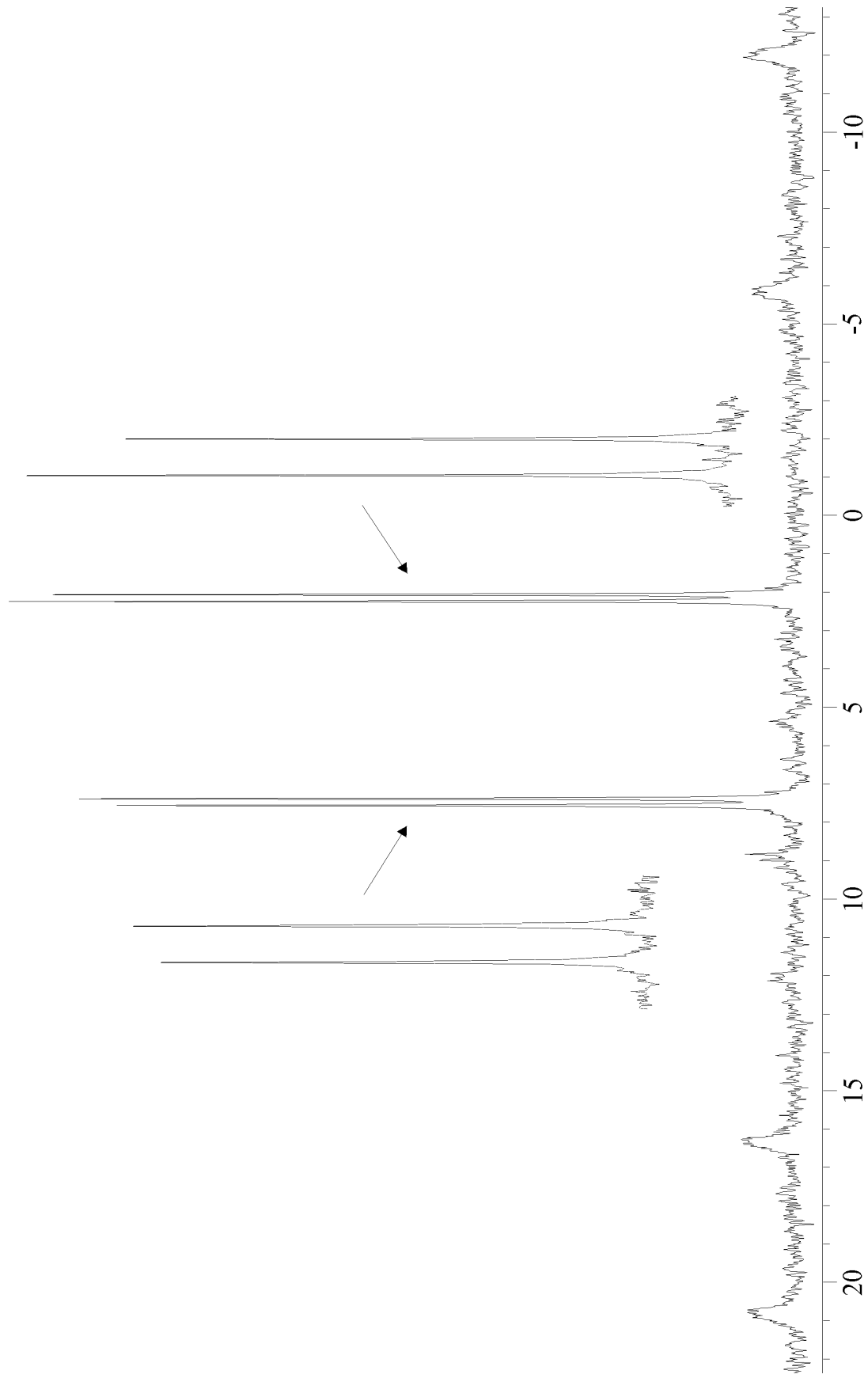
Figure S6. ^{31}P NMR of **2c.**

solvent

water
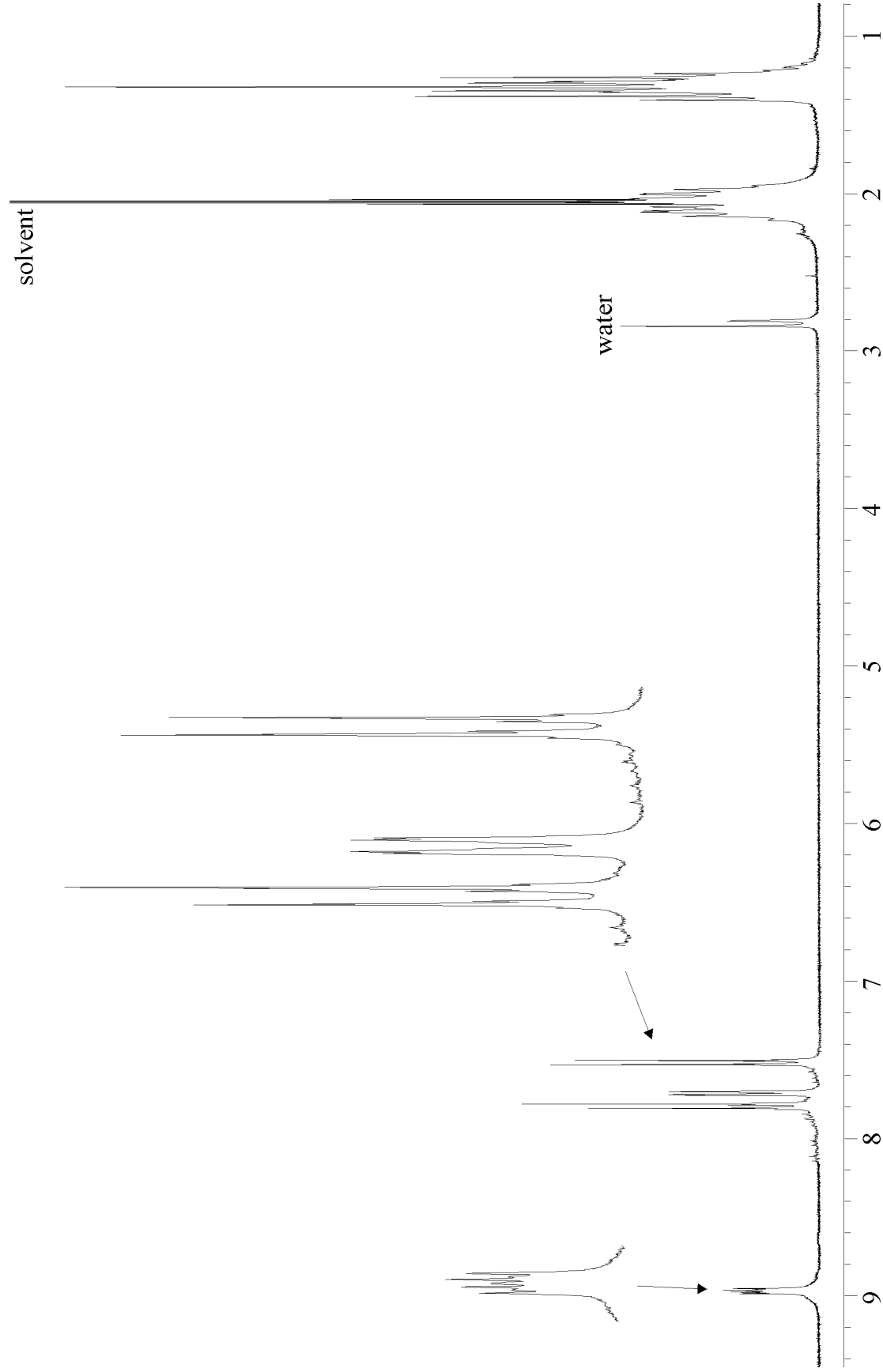
Figure S7. ¹H NMR of **2c**.
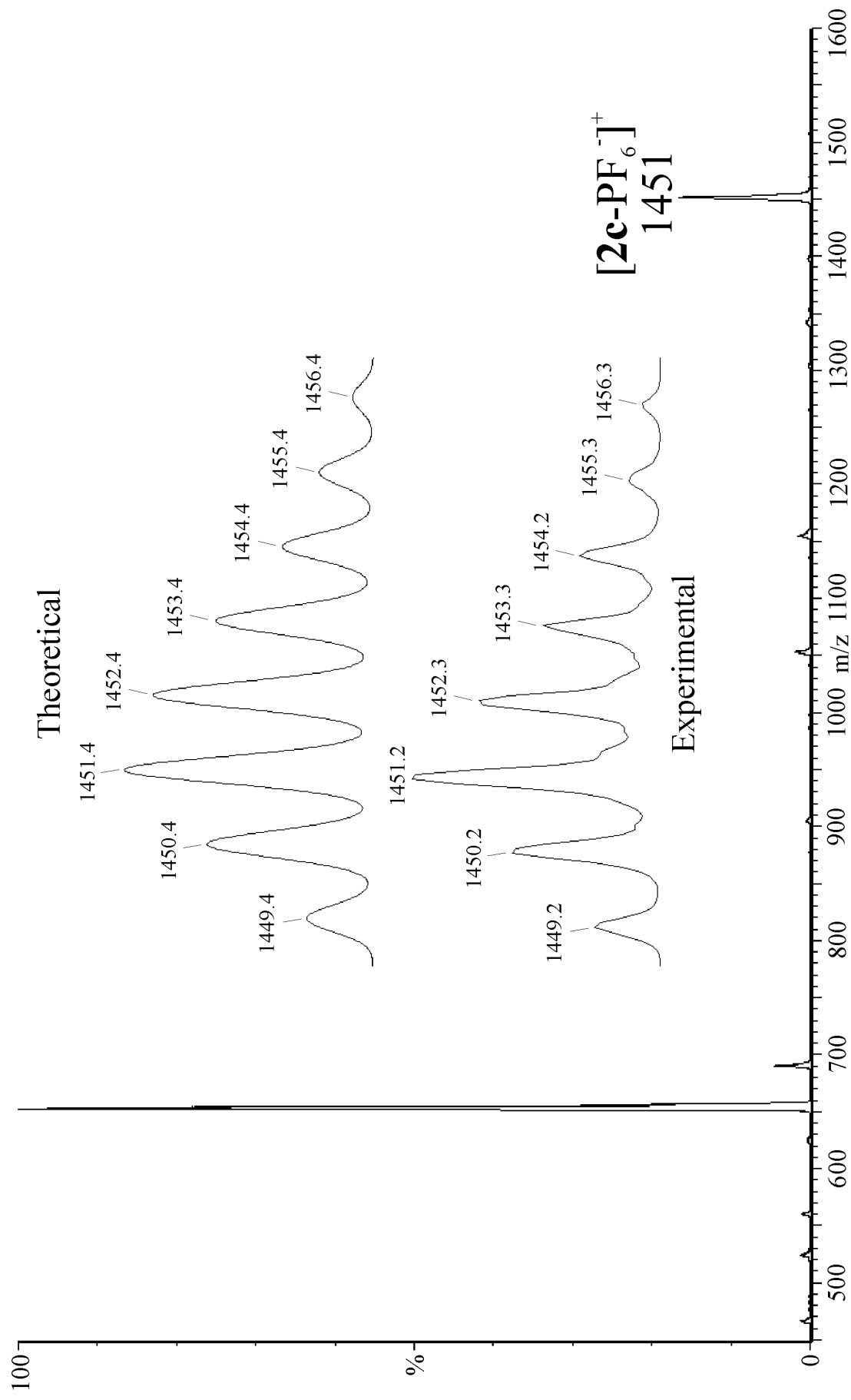
Figure S8. ESIMS of **2c**.
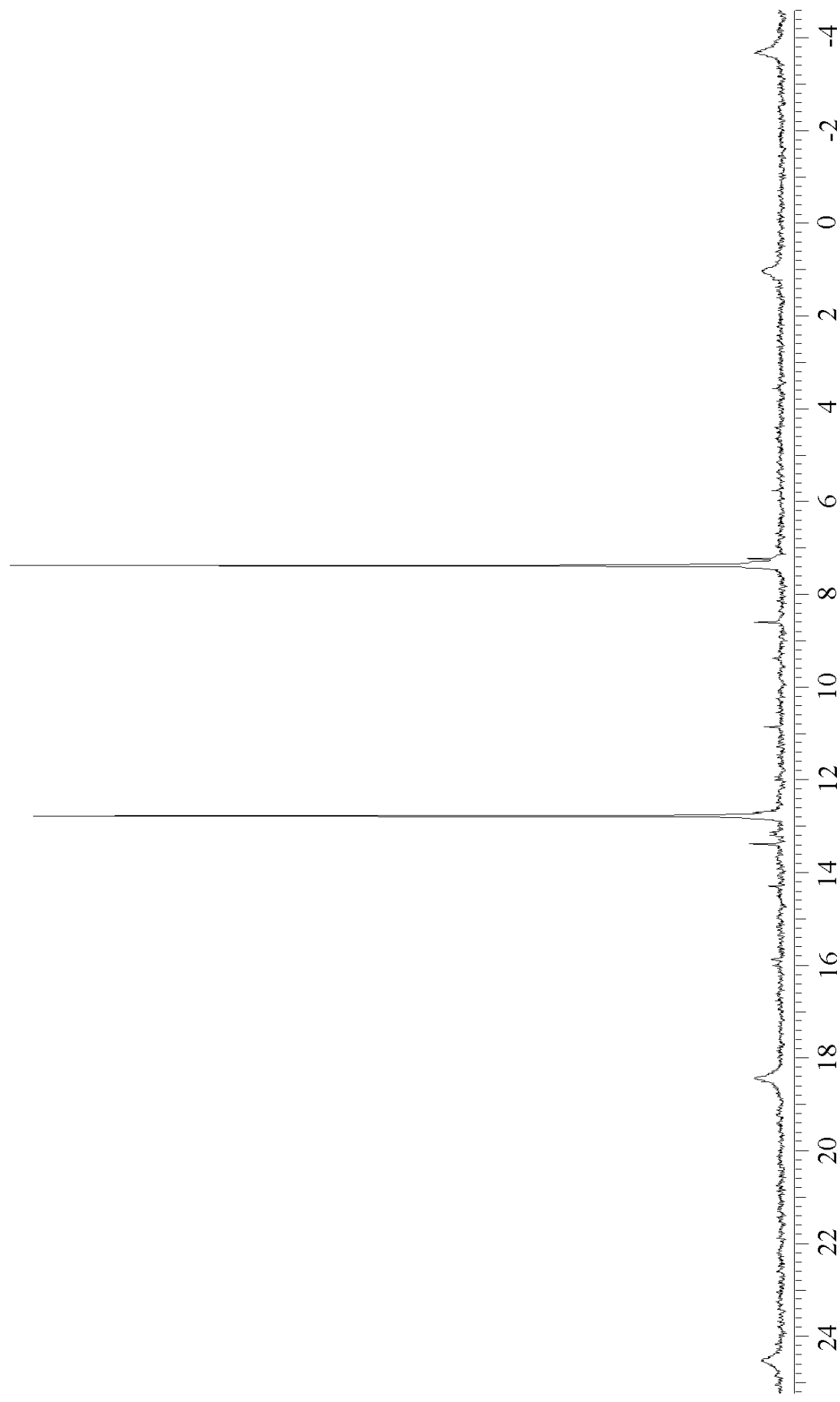
Figure S9. ^{31}P NMR of **3a**.
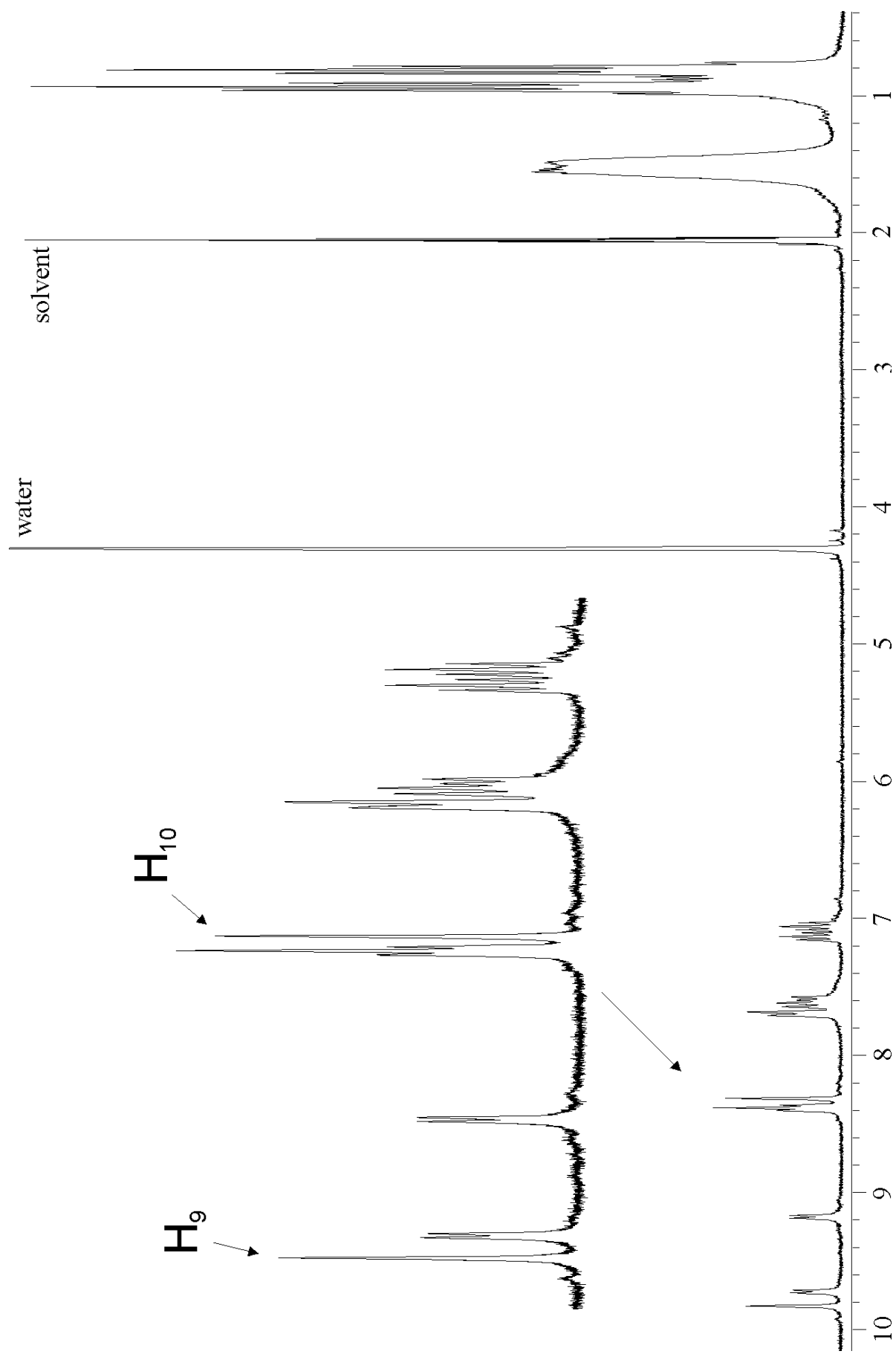
Figure S10. ^{1}H NMR of **3a**.
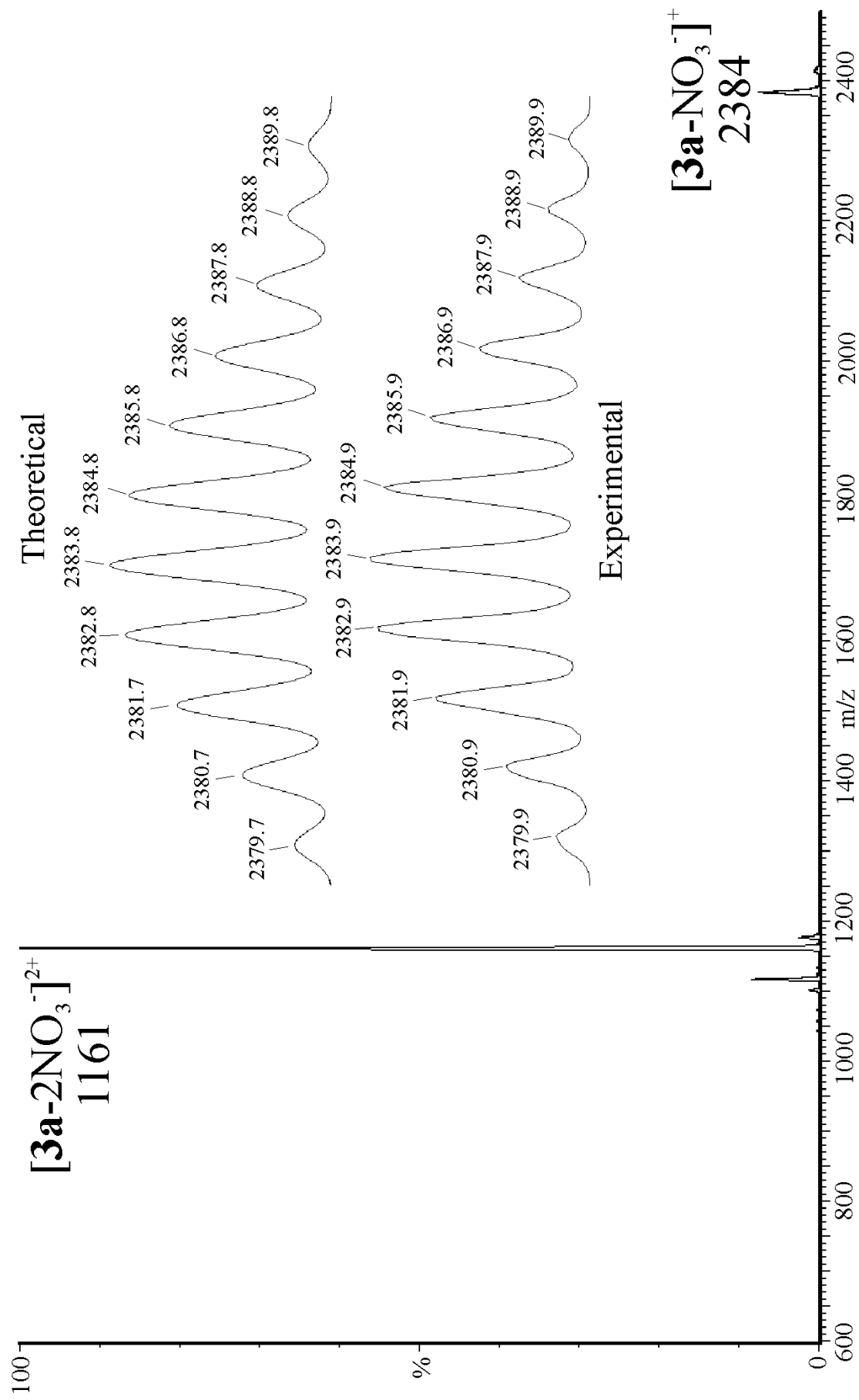
Figure S11. ESIMS of **3a**.
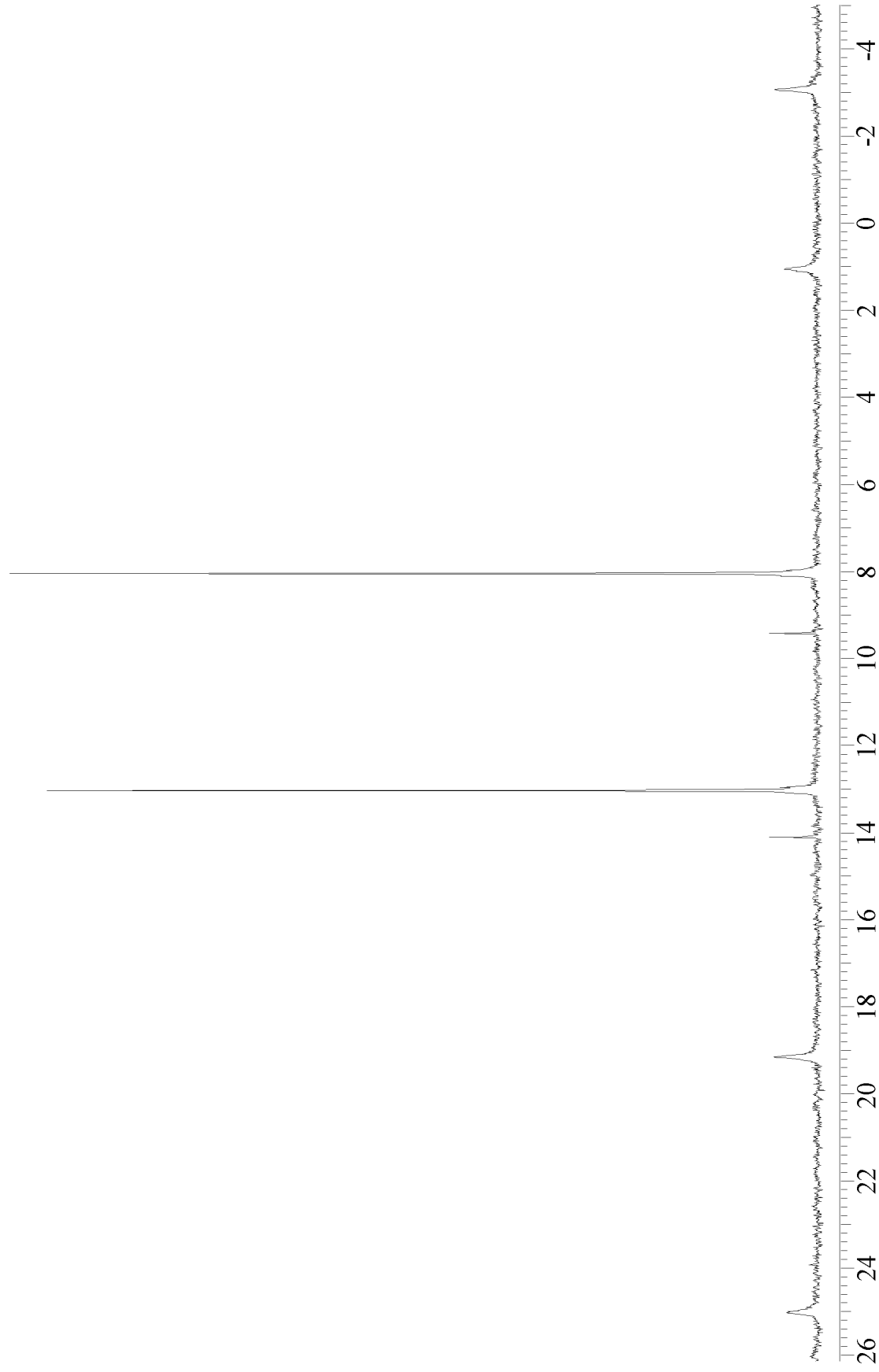
Figure S12. ^{31}P NMR of **3b**.
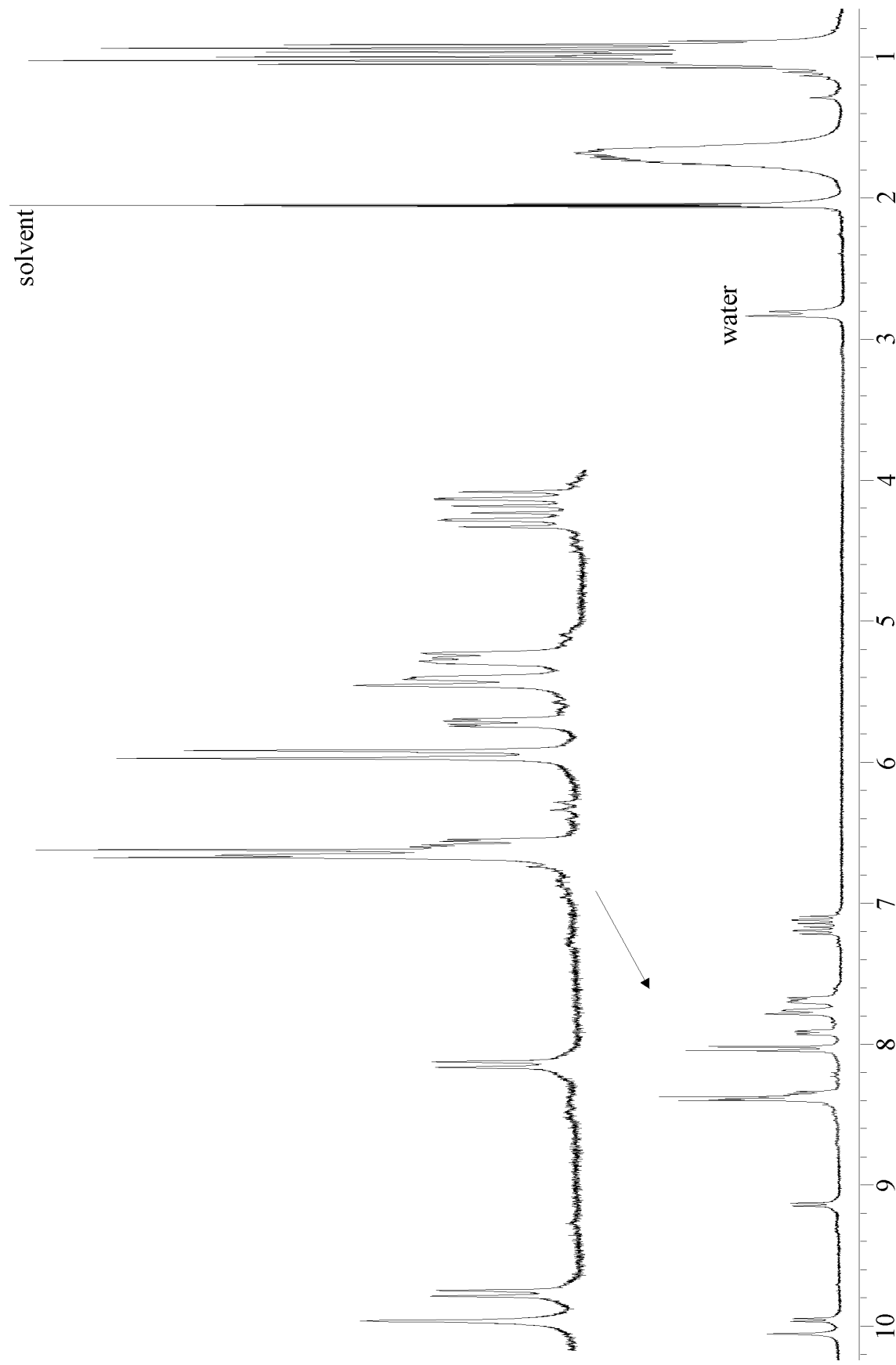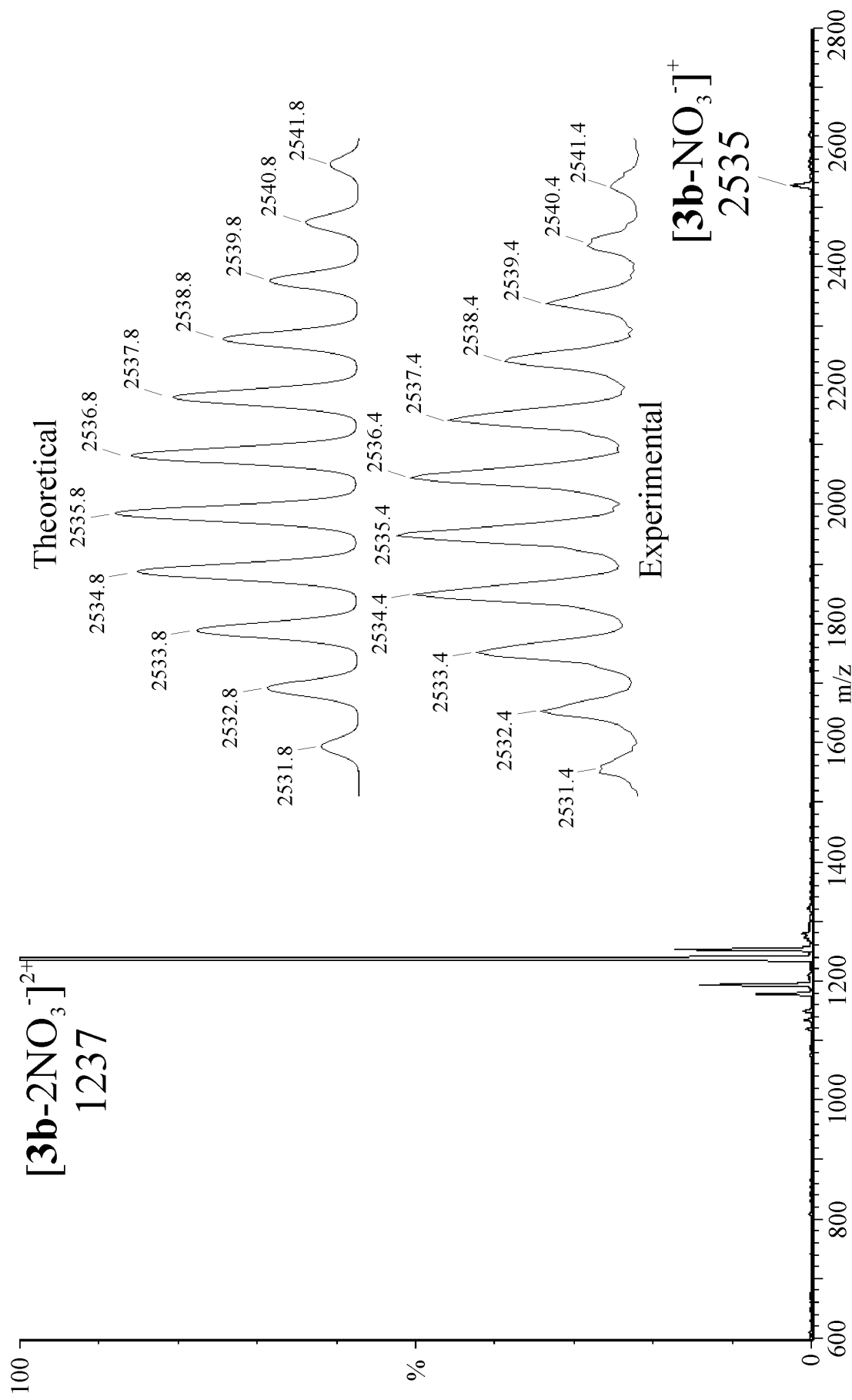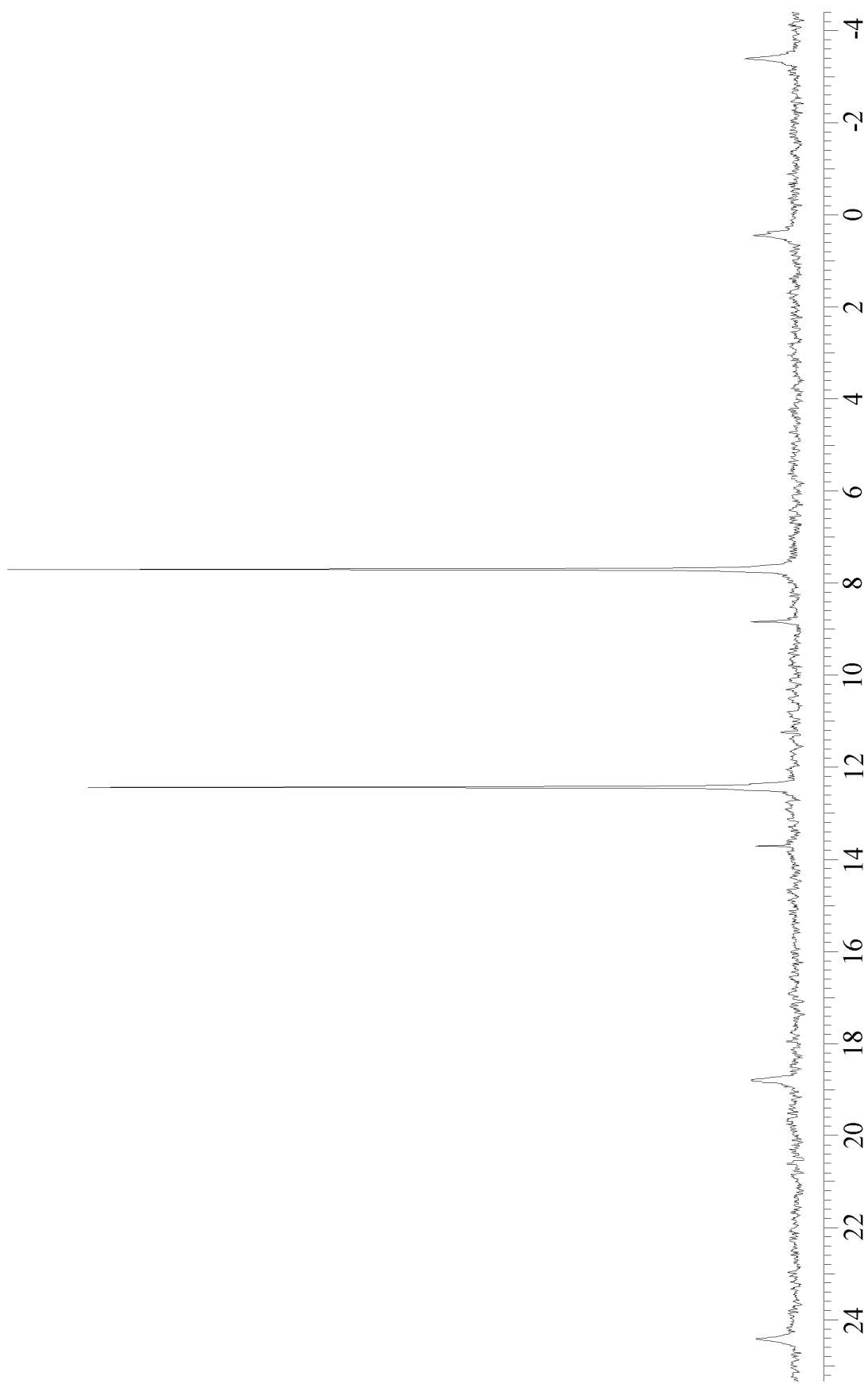
Figure S13. ^{1}H NMR of **3b**.

Figure S14. ESIMS of **3b**.

Figure S15. ^{31}P NMR of **3c**.