Silica-mediated synthesis of indolinooxazolidine-based molecular switches

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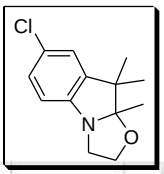
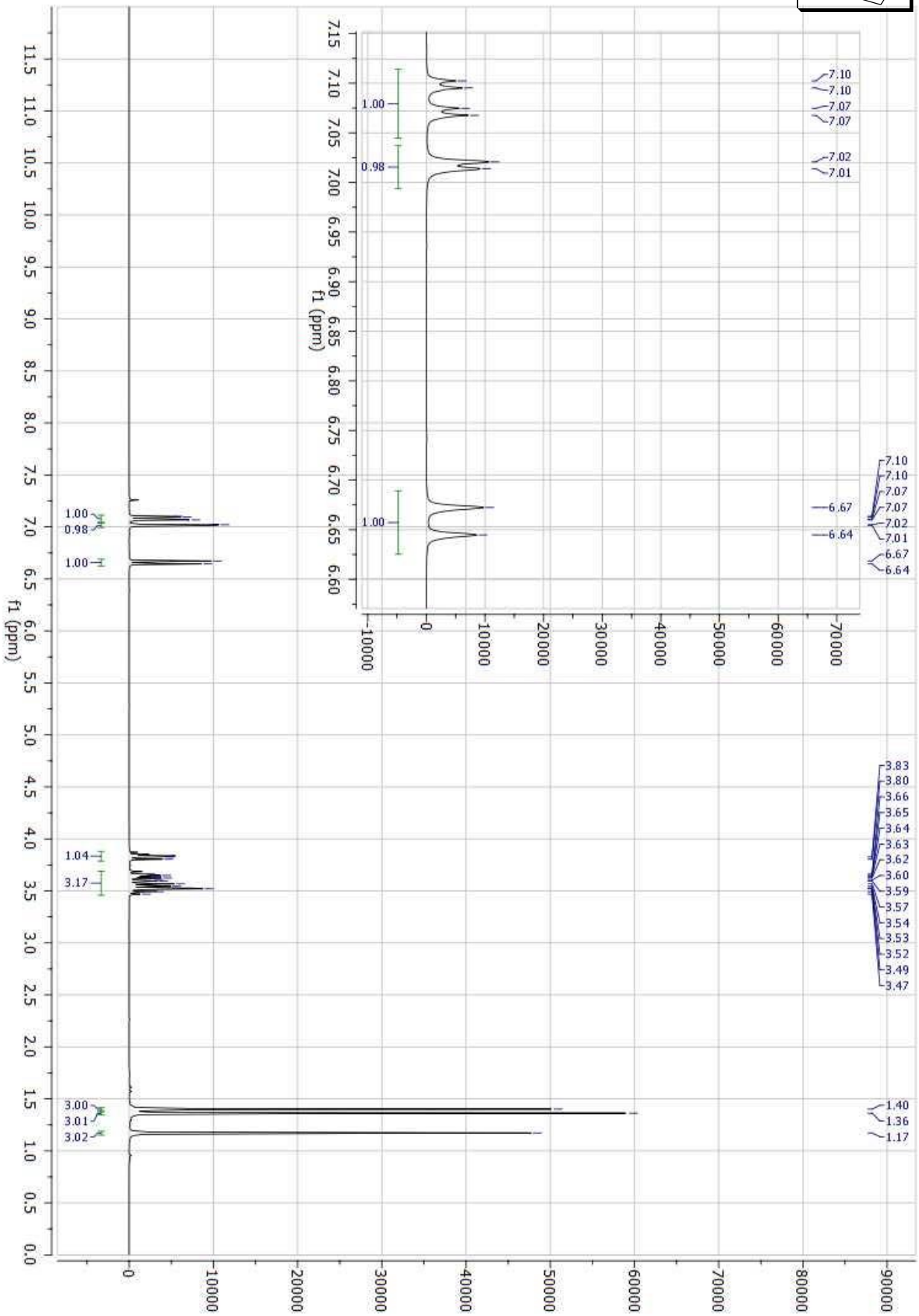
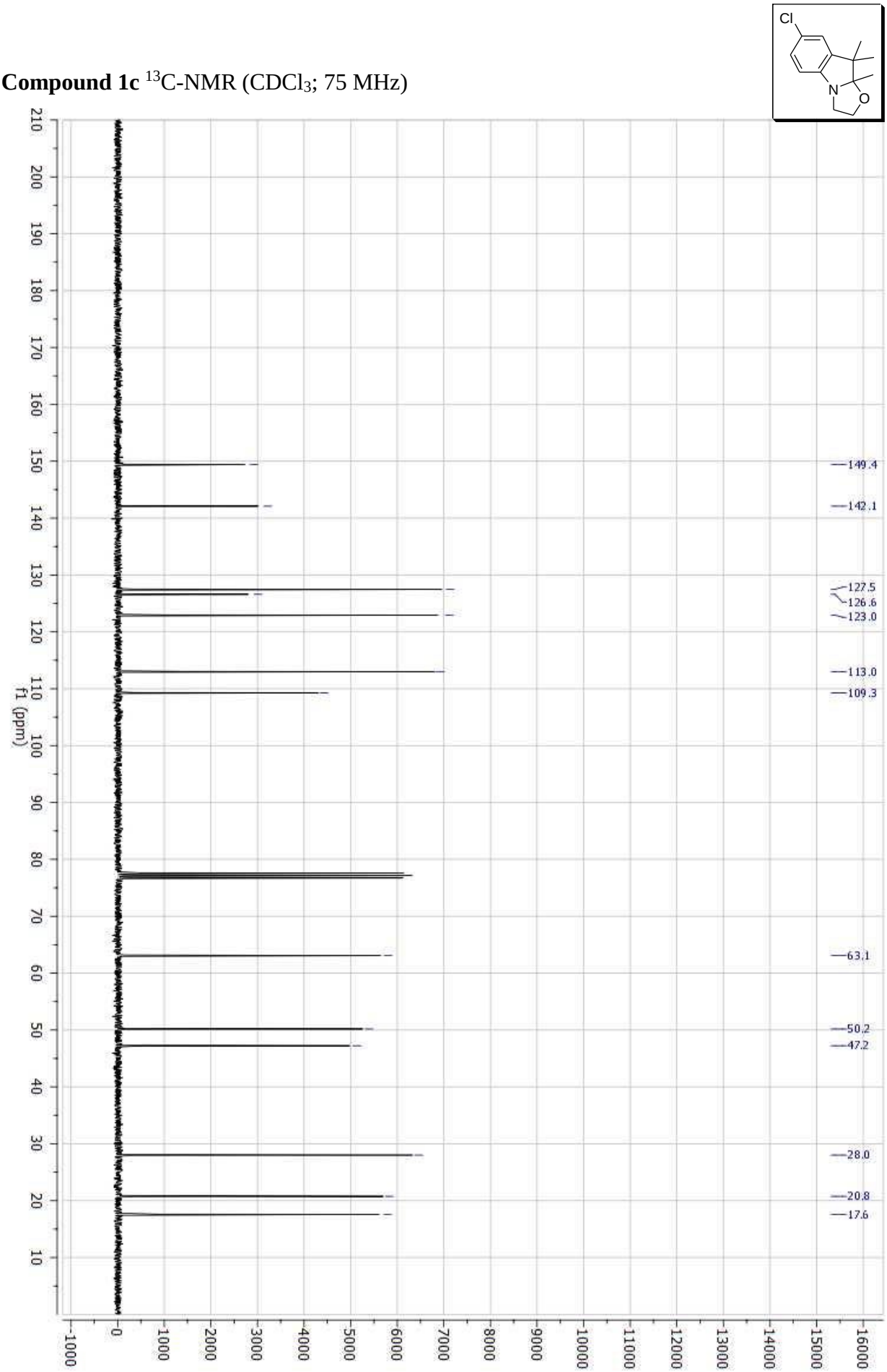
Compound 1c ^{1}H-NMR ($CDCl_3$; 300 MHz)





Compound 1c ^{13}C-NMR ($CDCl_3$; 75 MHz)



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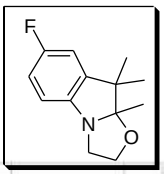

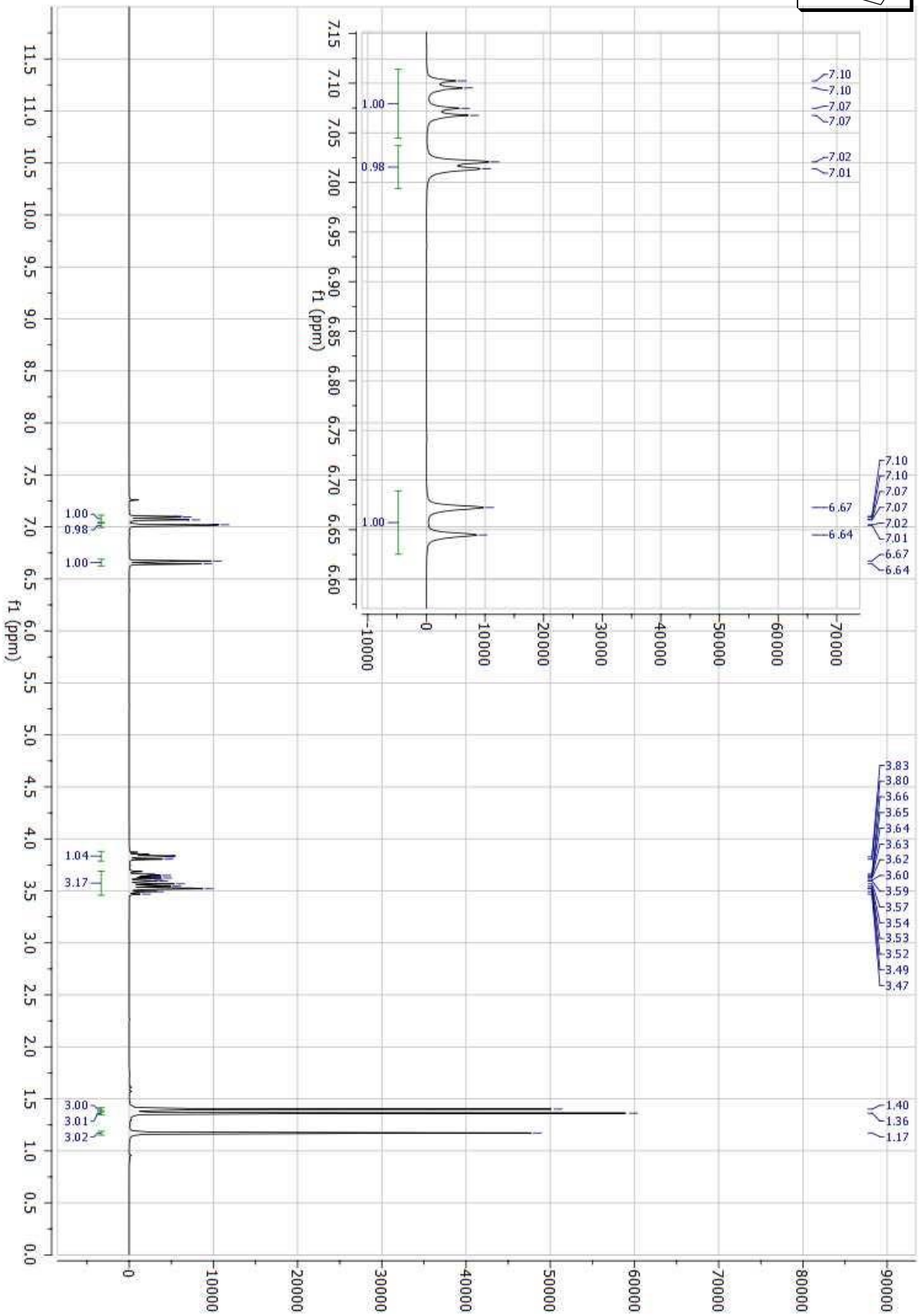

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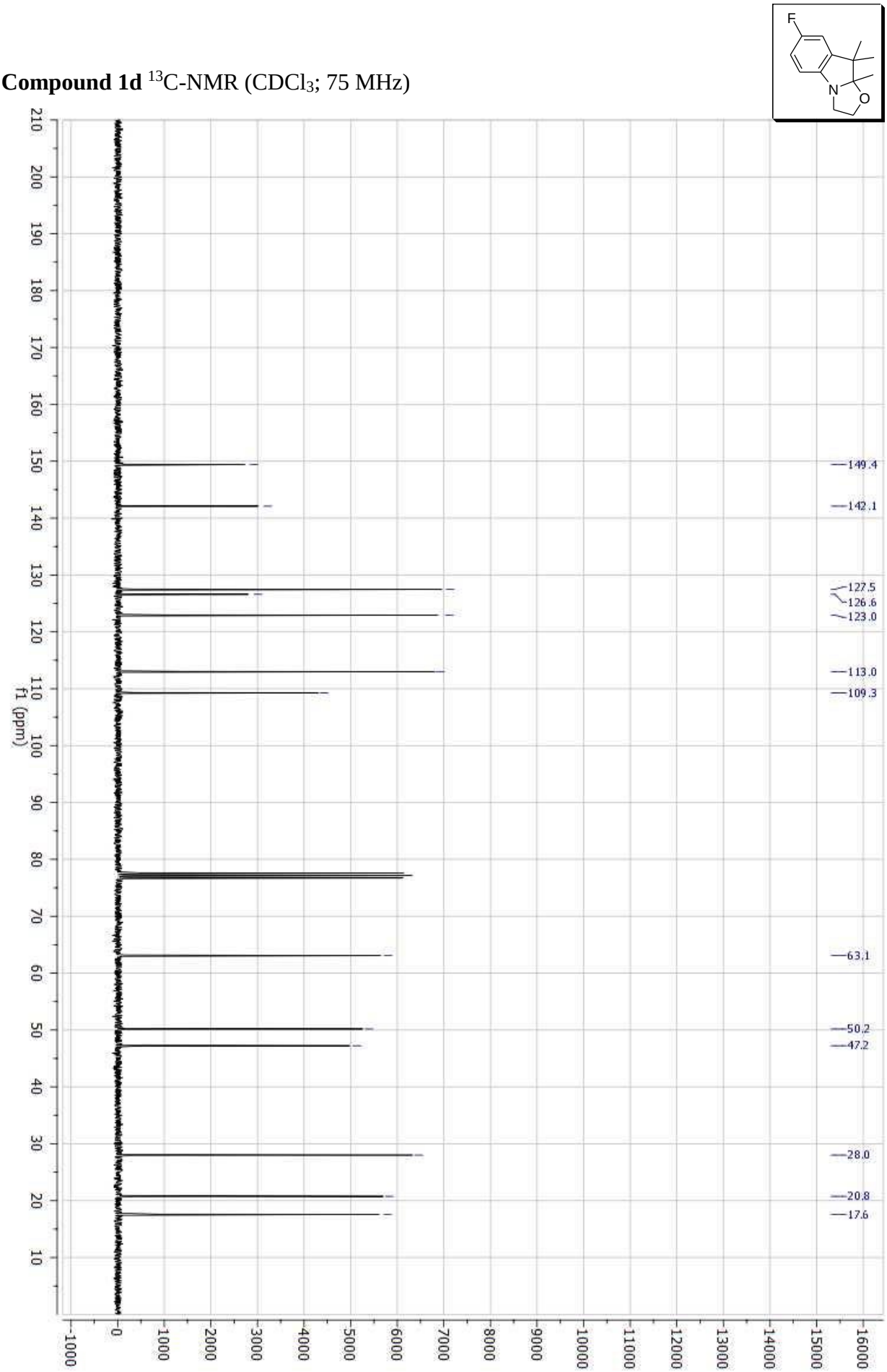

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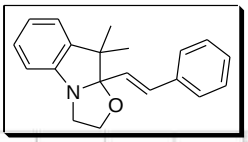

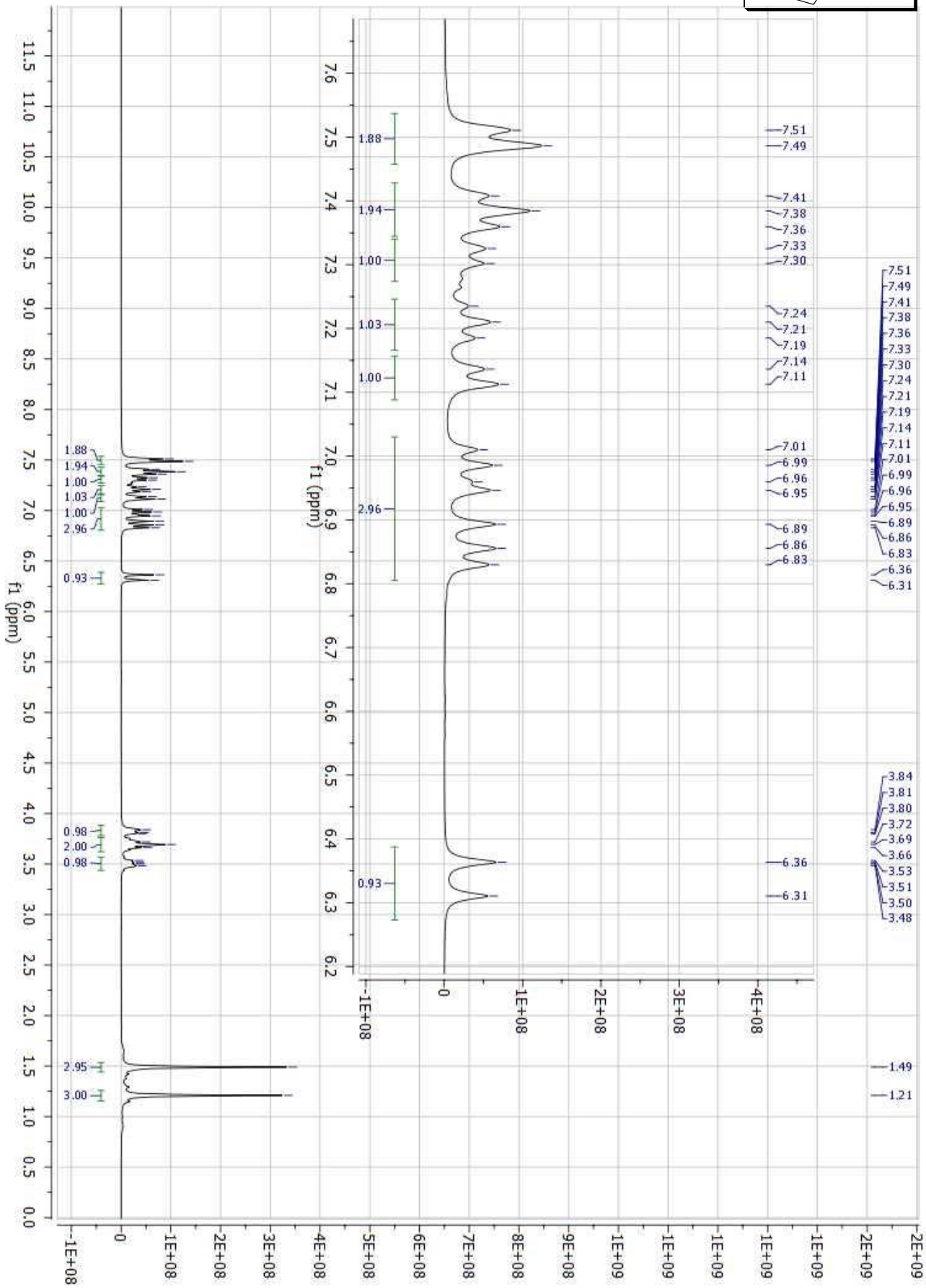

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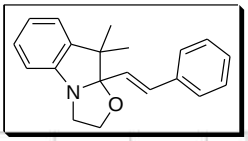

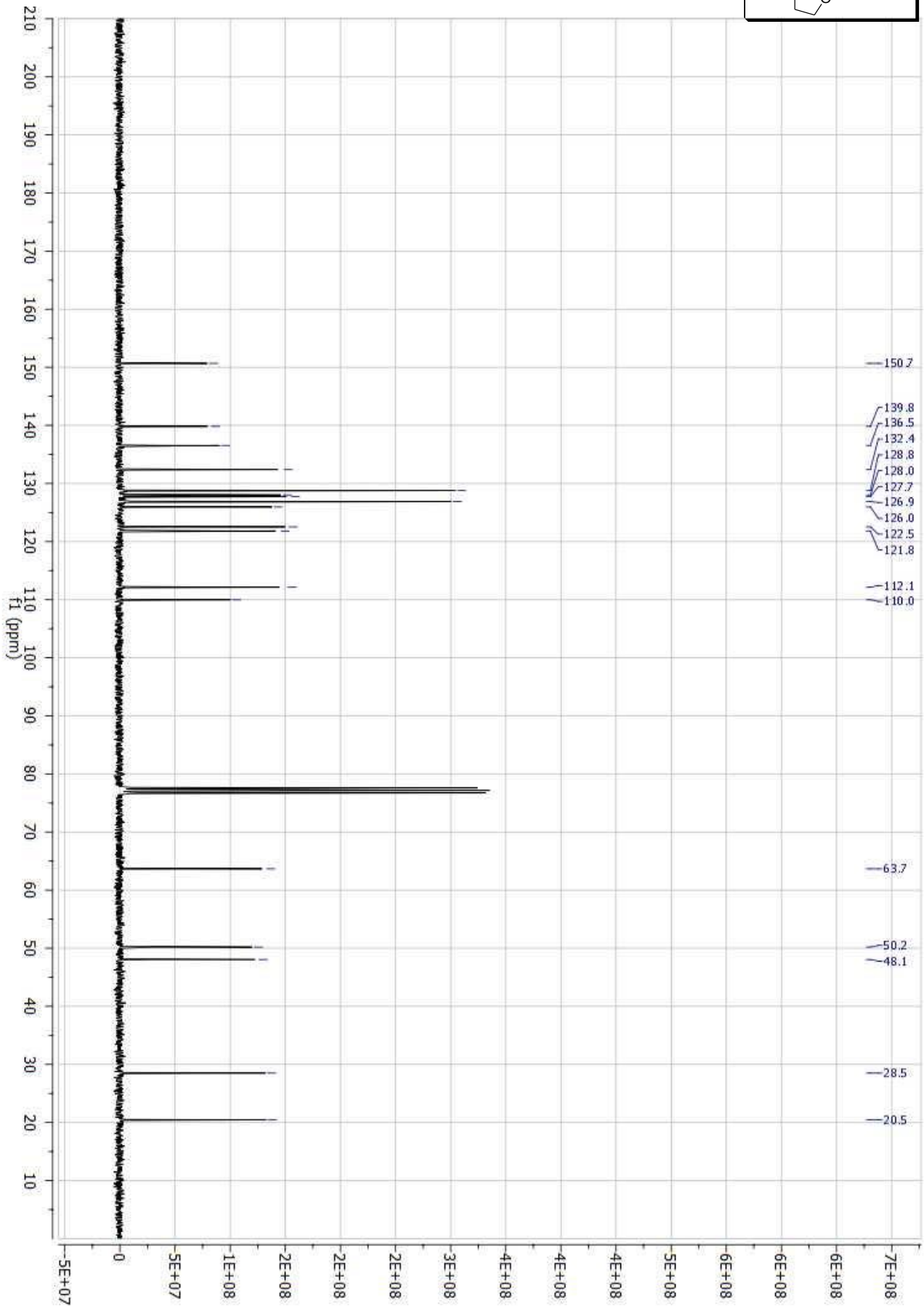

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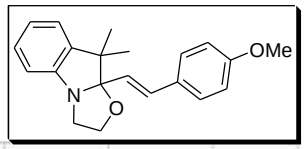

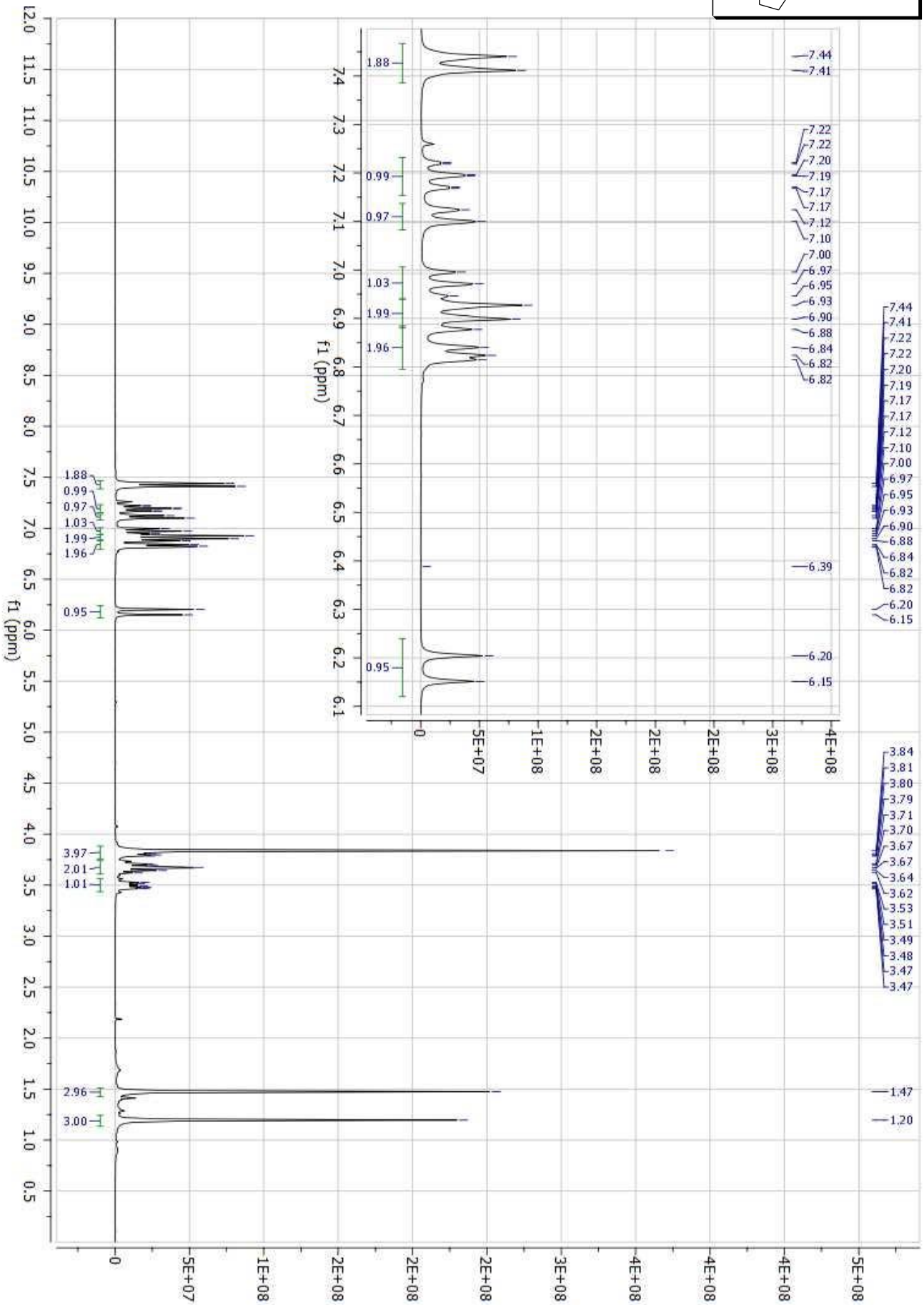

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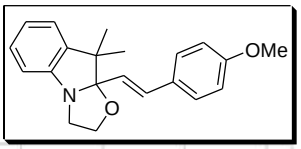

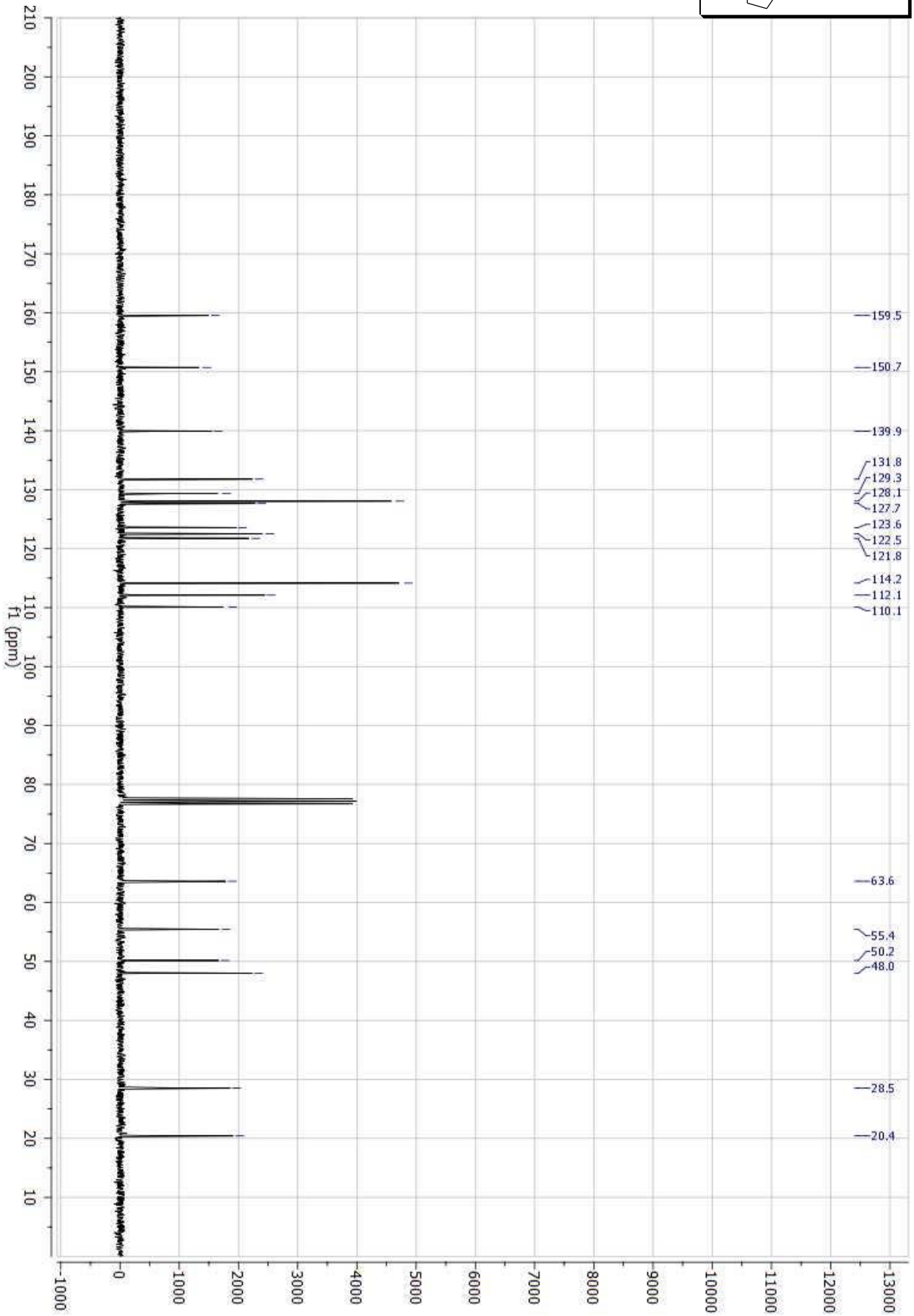

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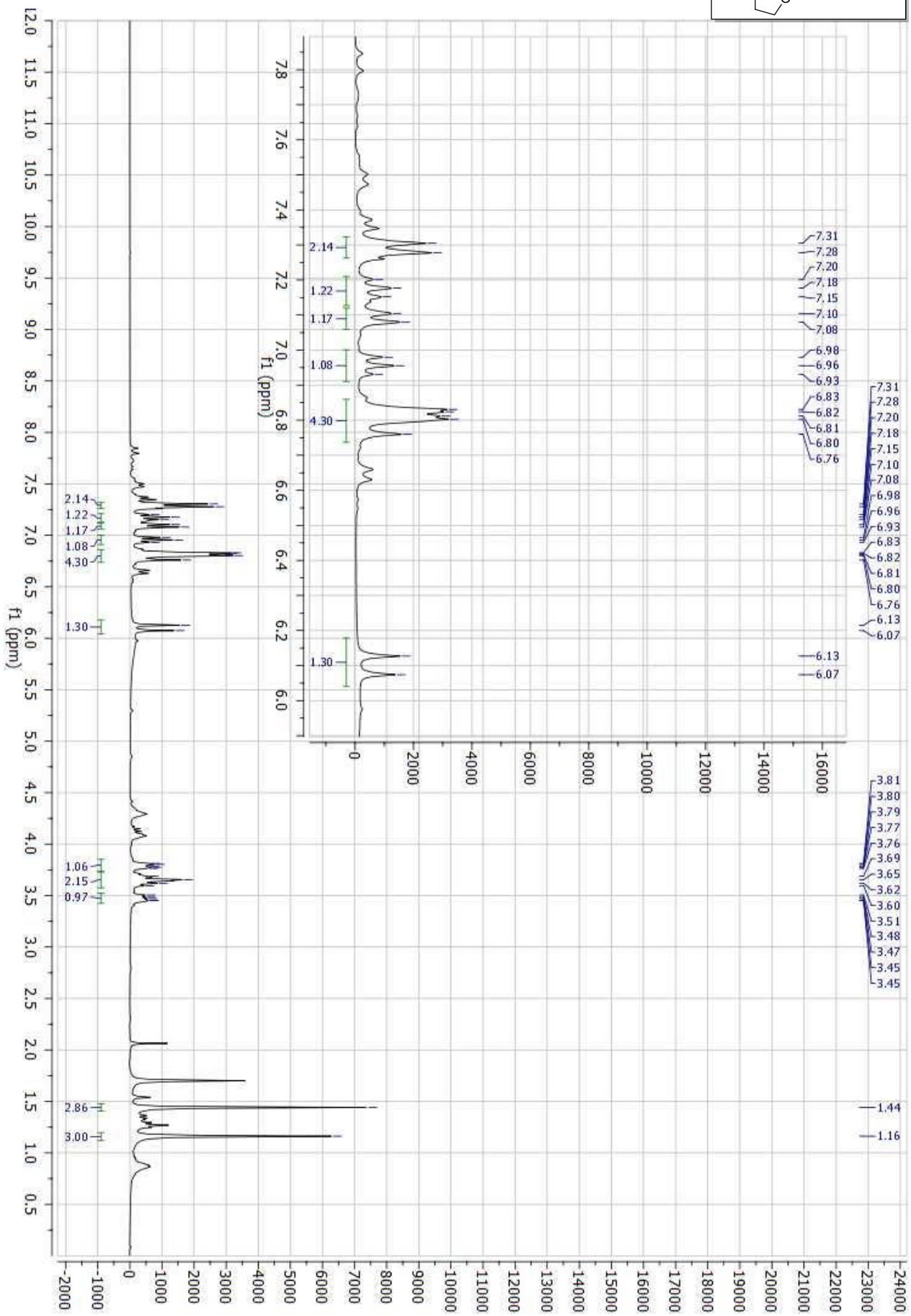

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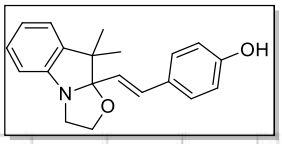

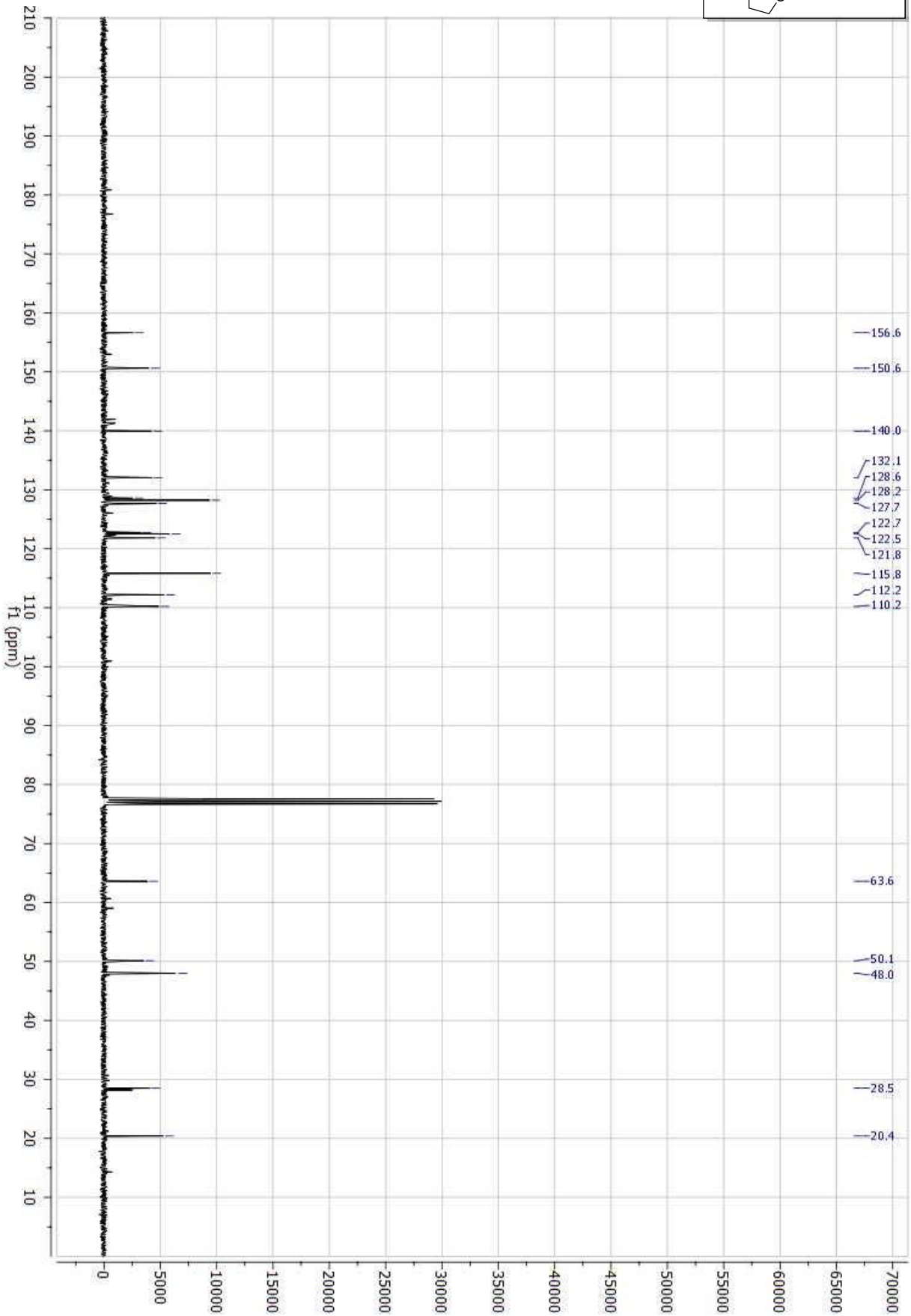

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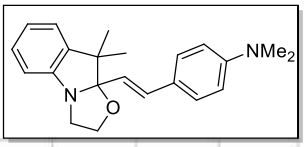

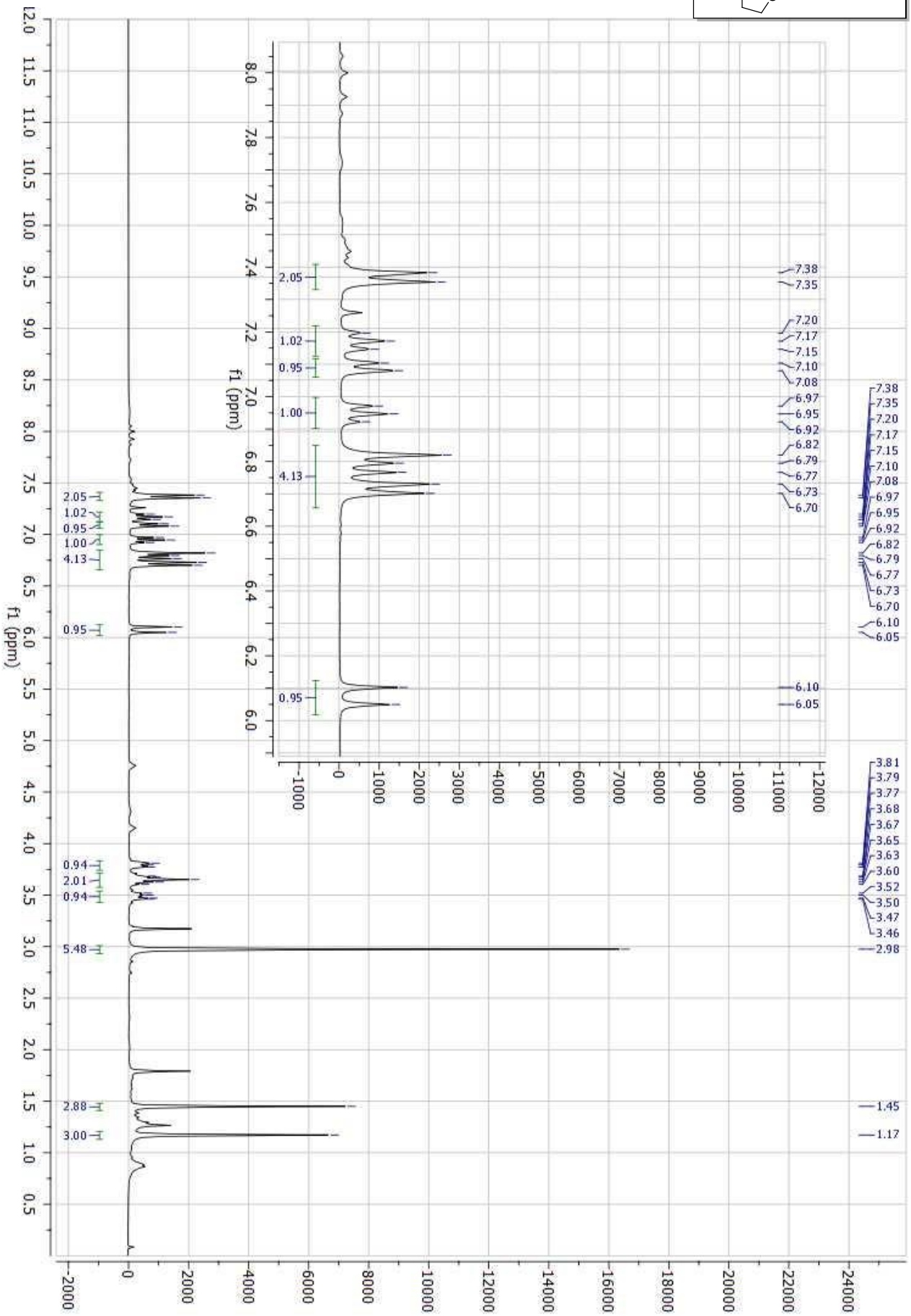

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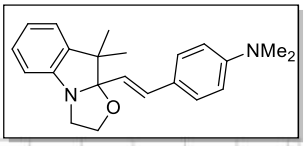

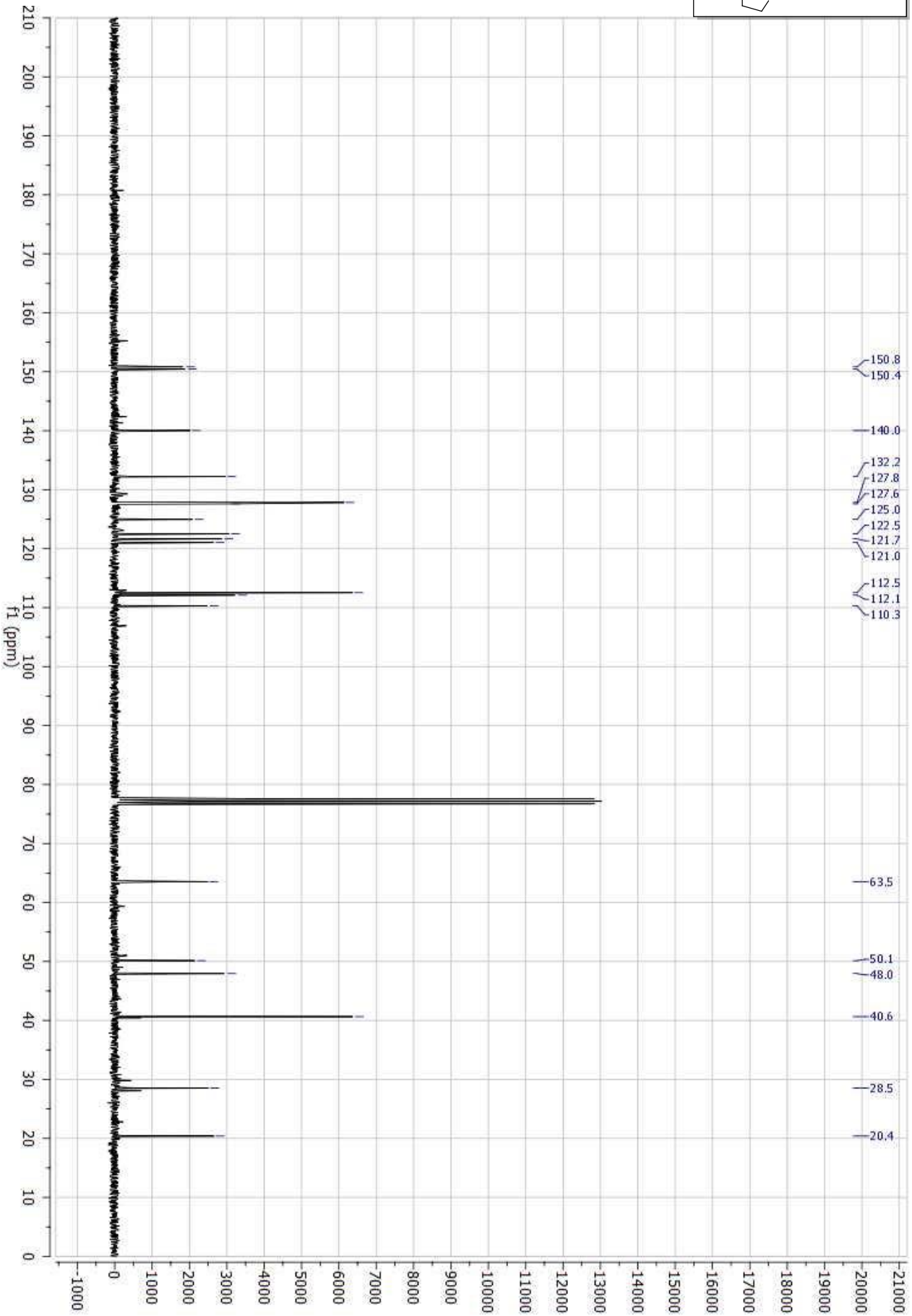

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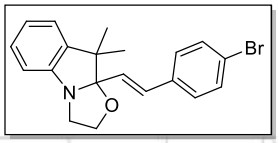

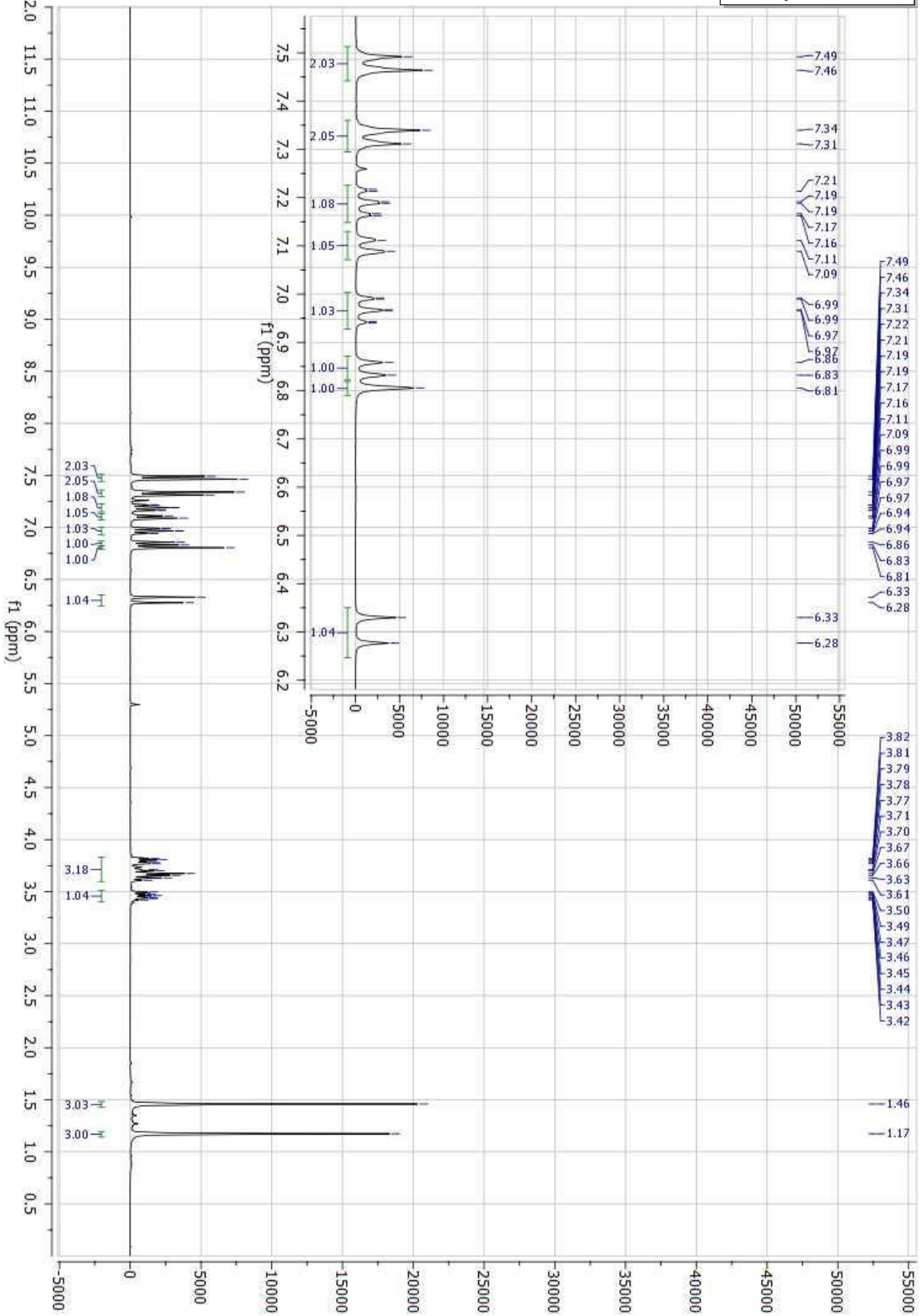

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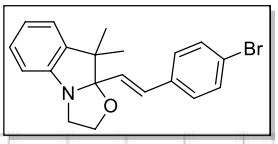

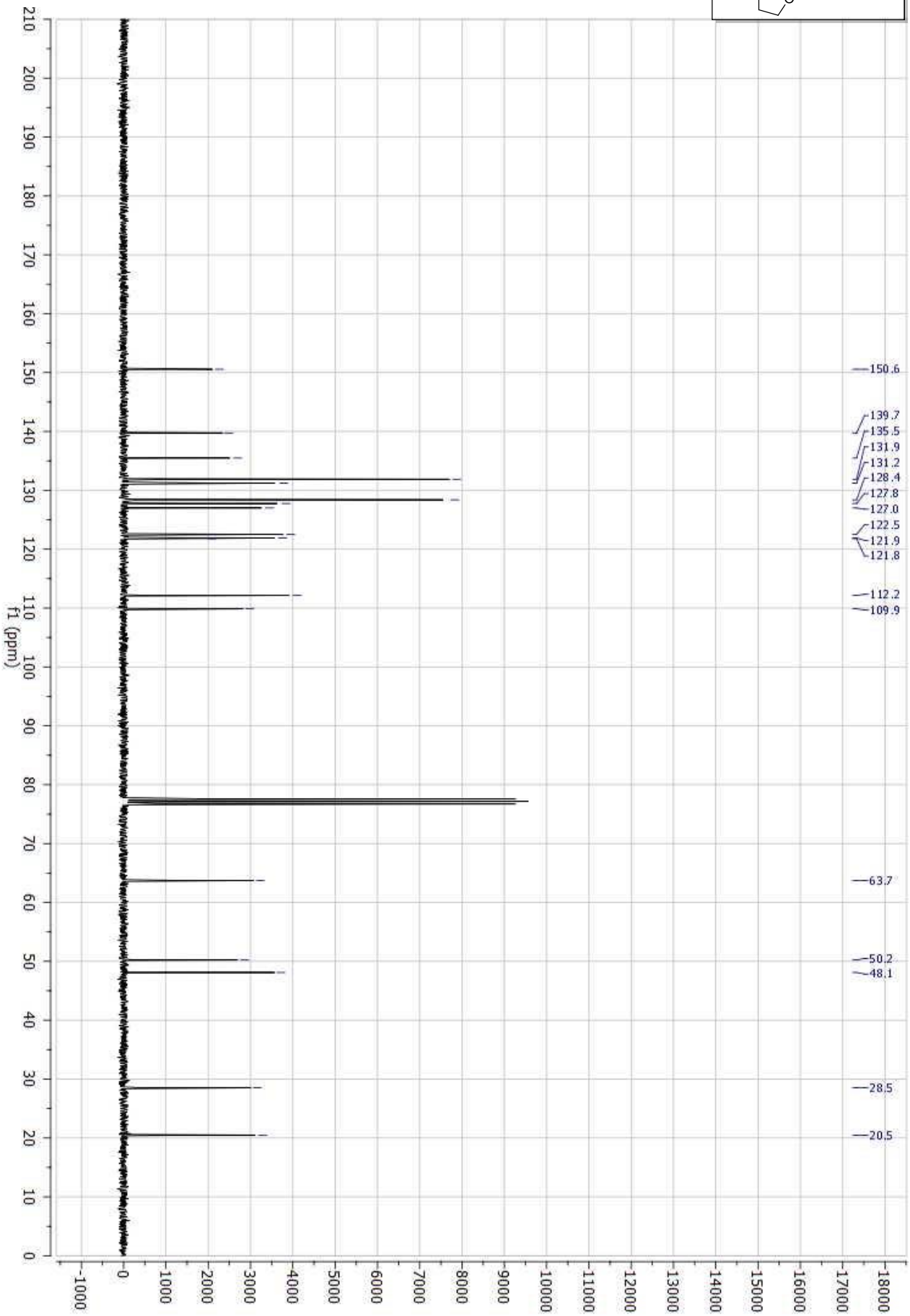

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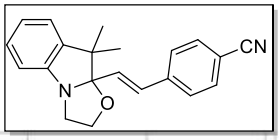
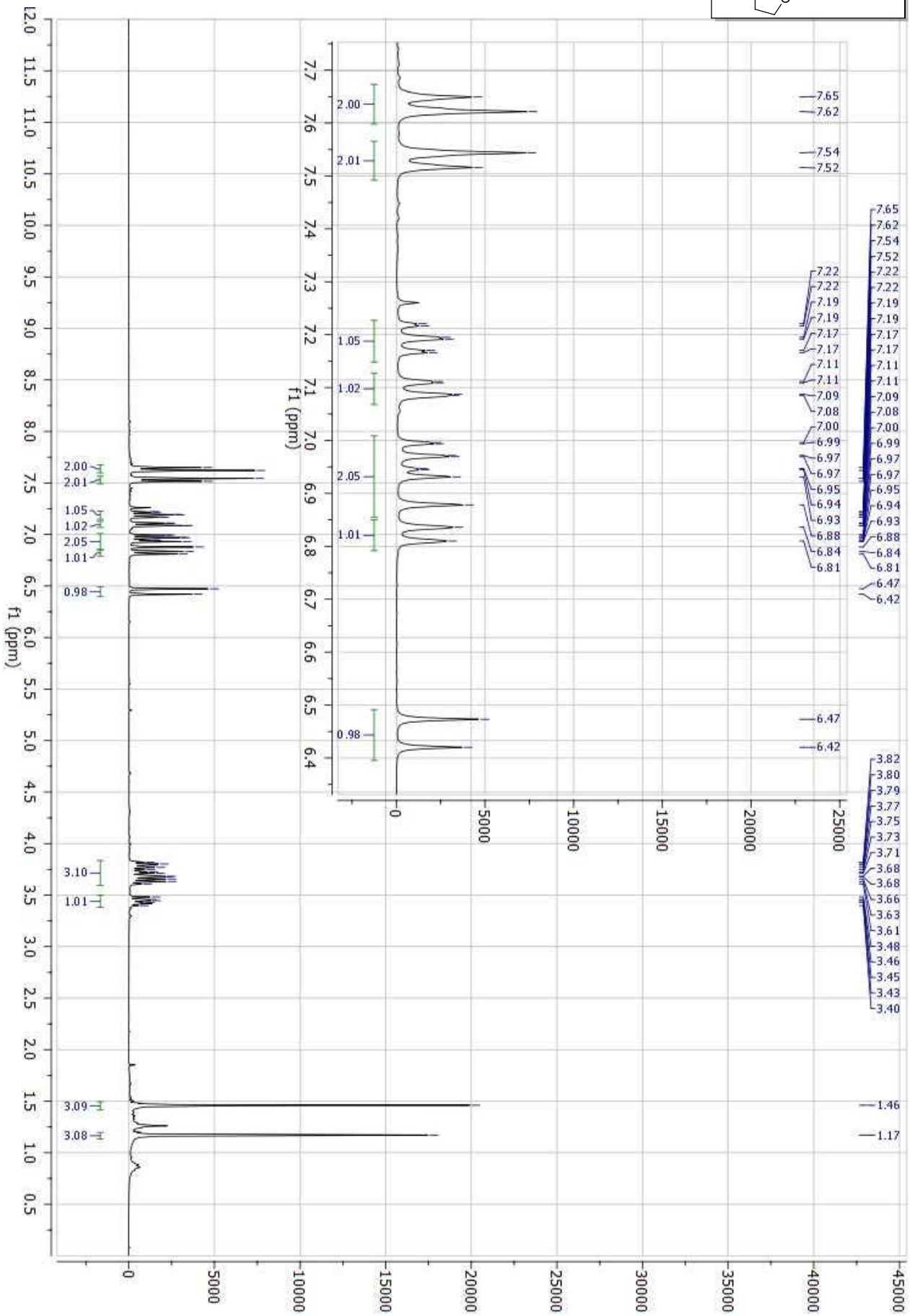
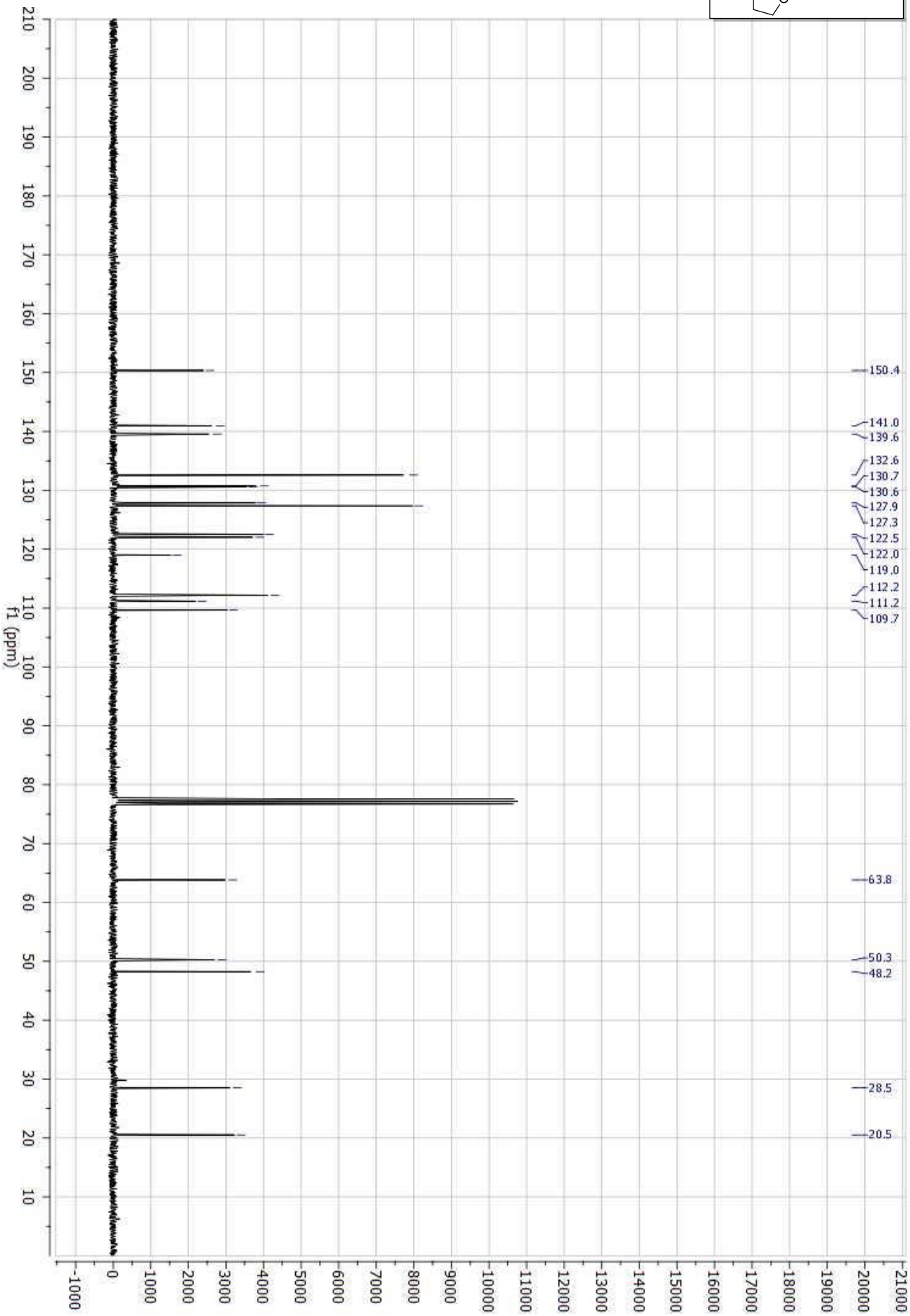




Compound 2g ^{13}C-NMR ($CDCl_3$; 75 MHz)



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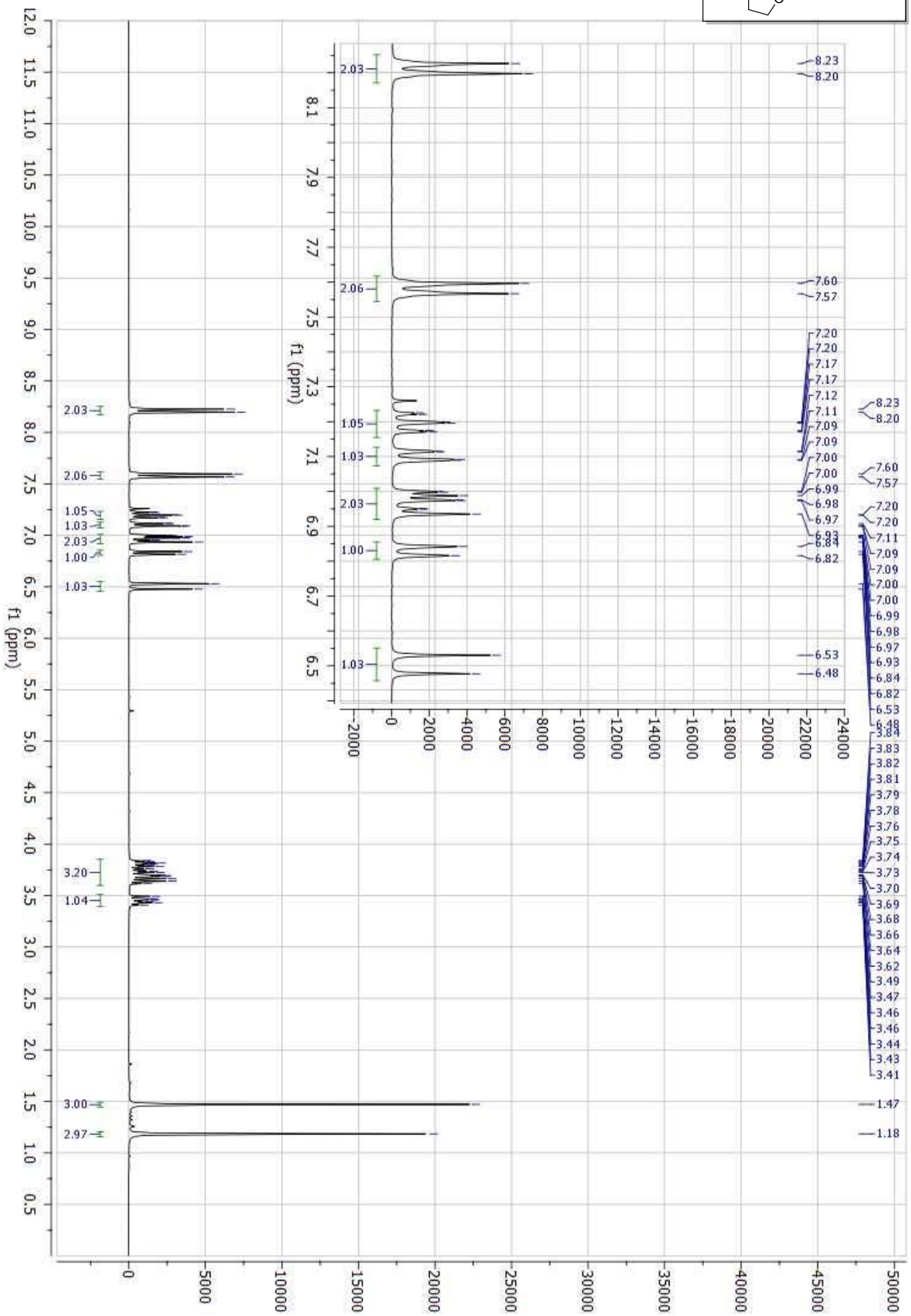
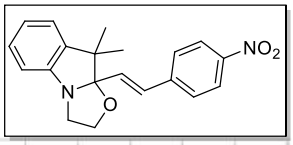
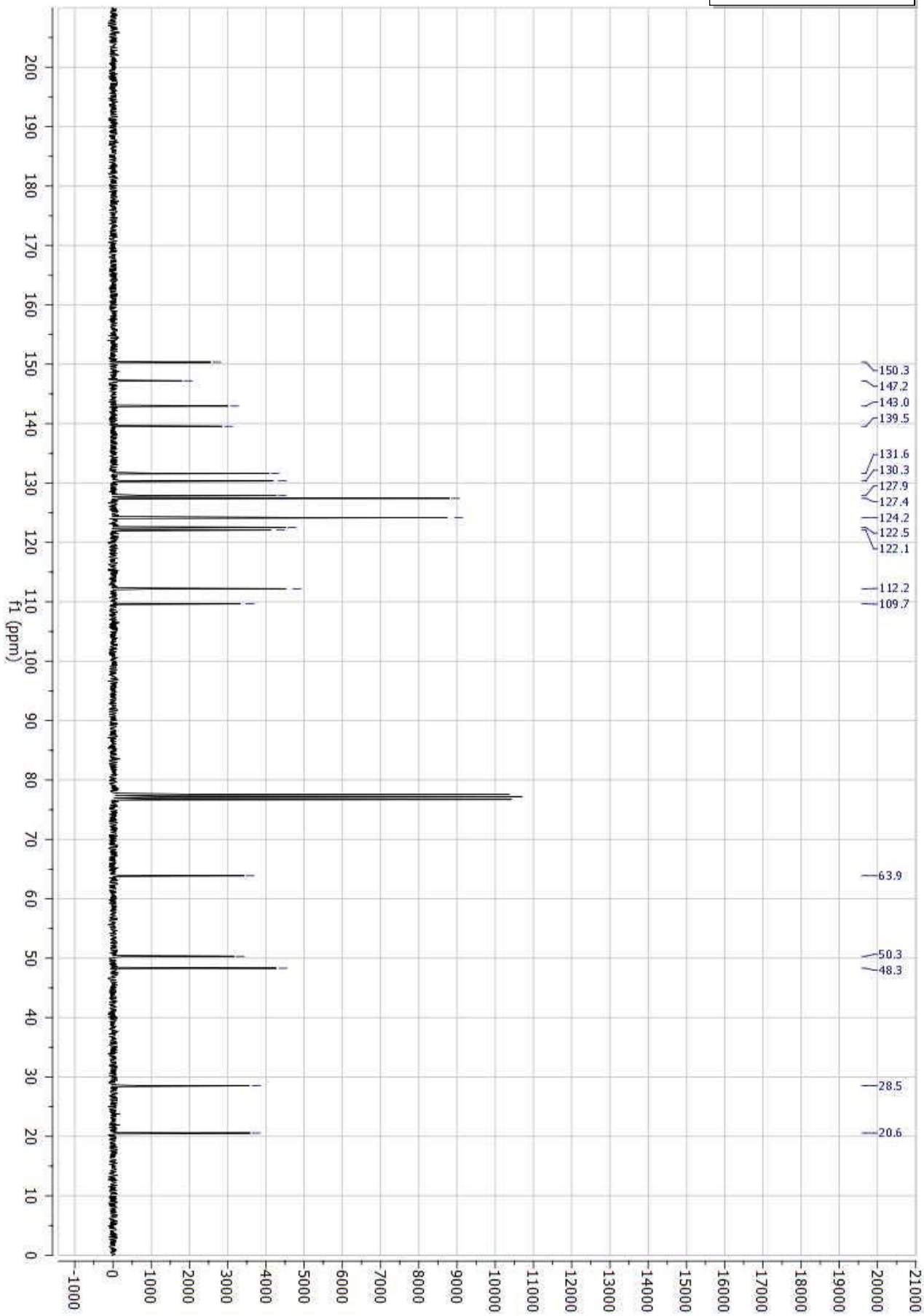


Compound 2h ^{13}C-NMR ($CDCl_3$; 75 MHz)





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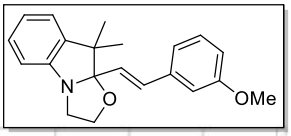

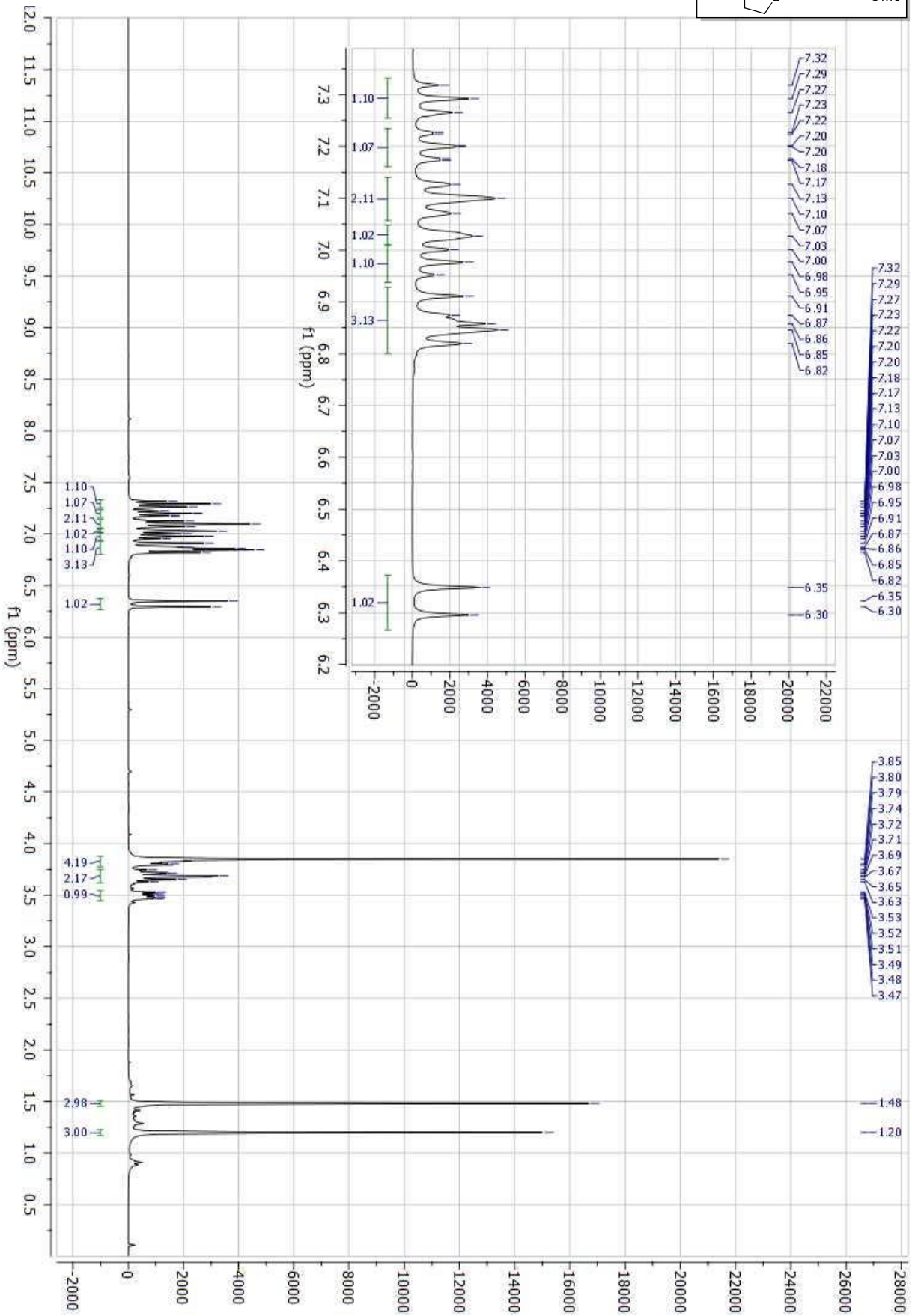

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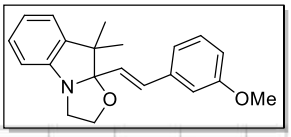

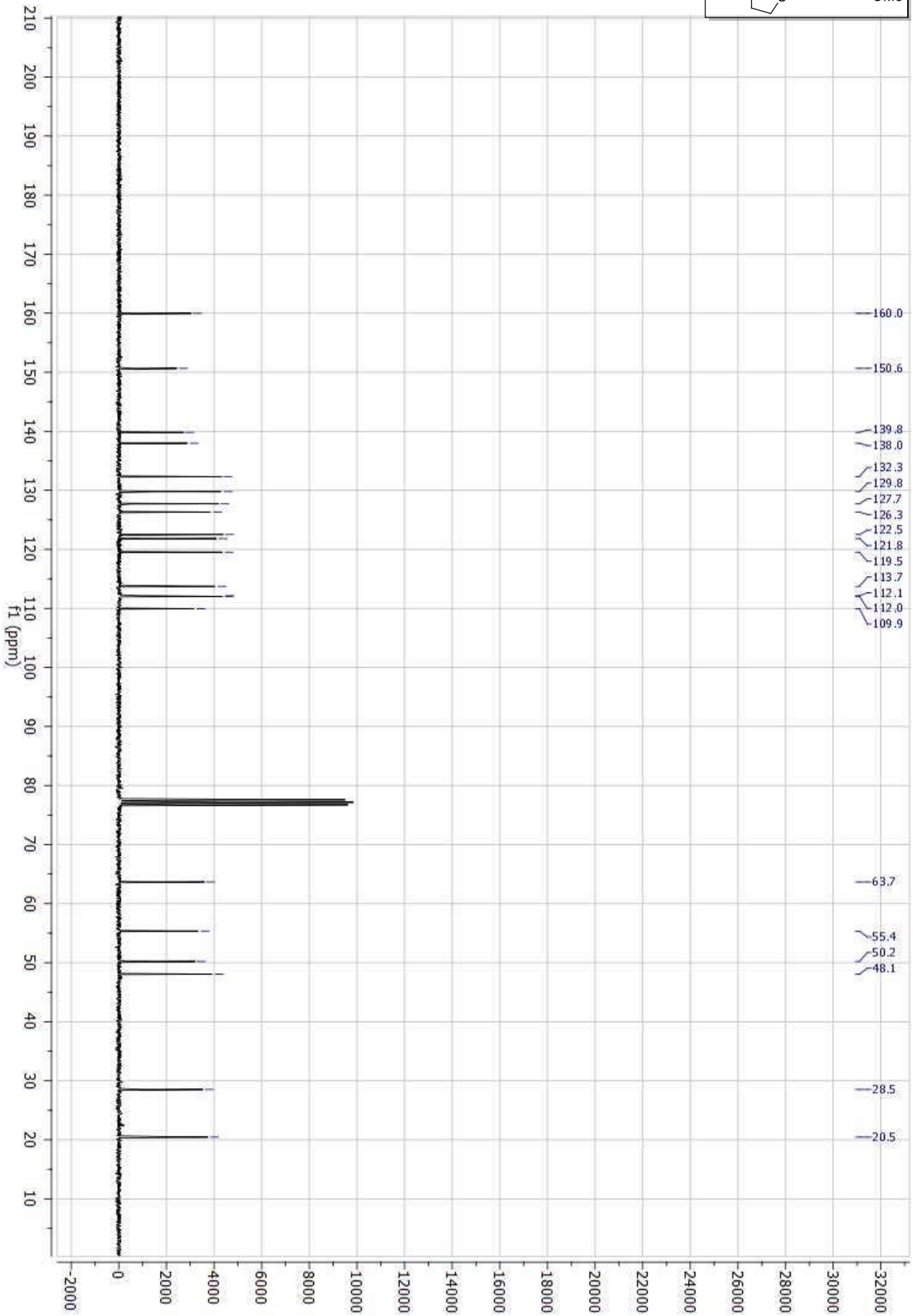

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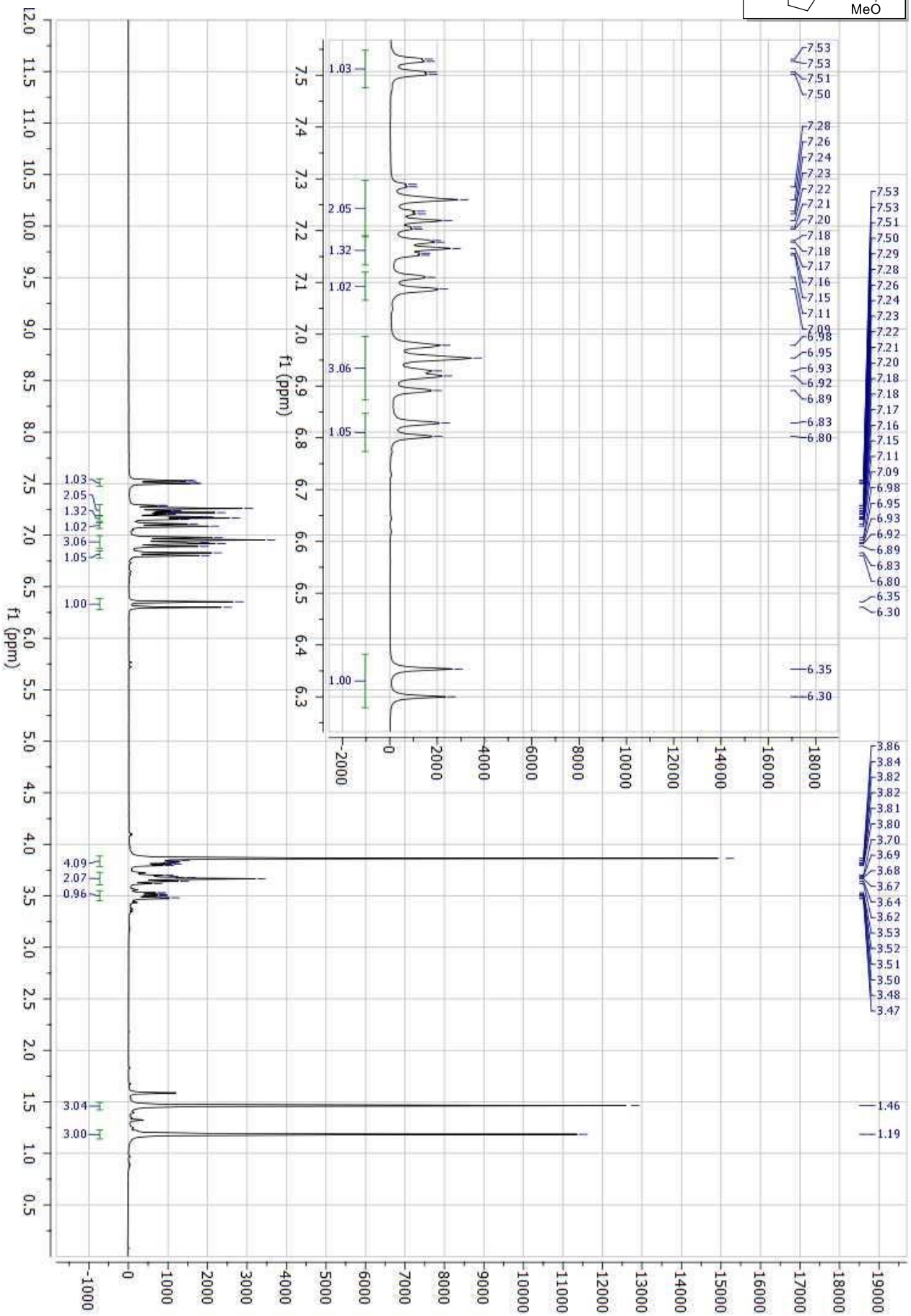

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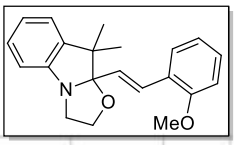
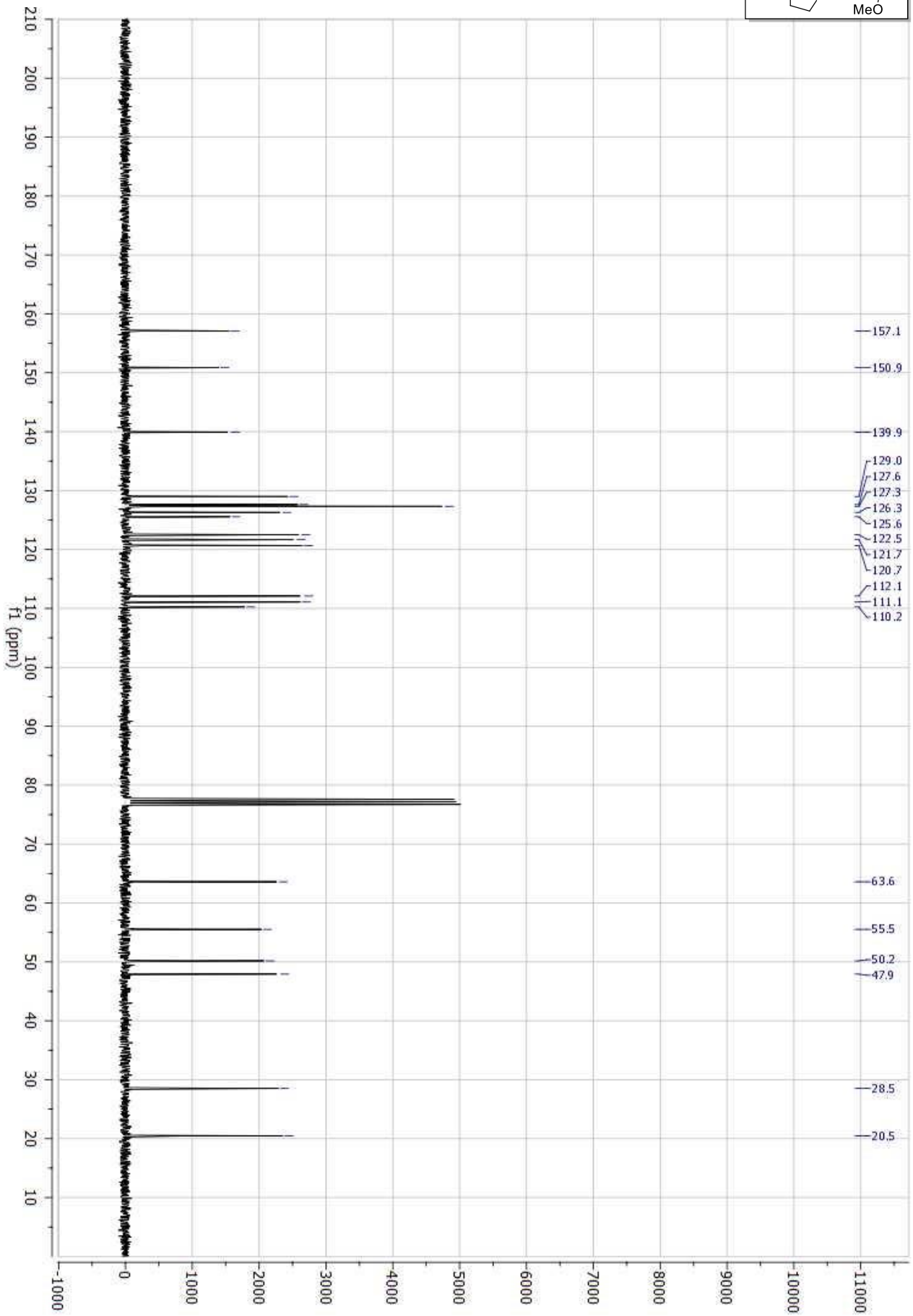
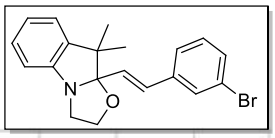
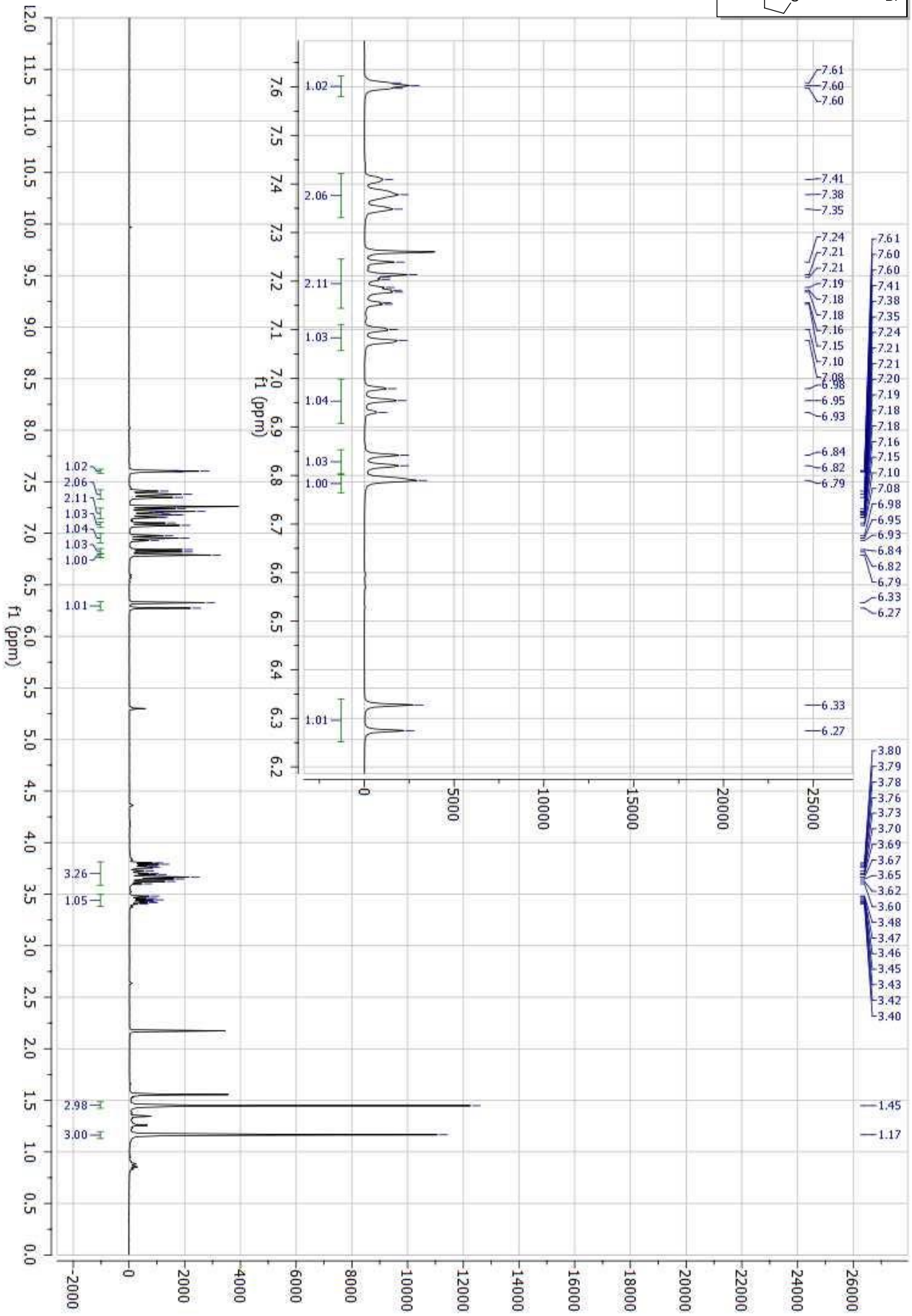




Compound 2k ^{1}H-NMR ($CDCl_3$; 300 MHz)





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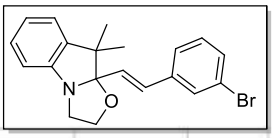
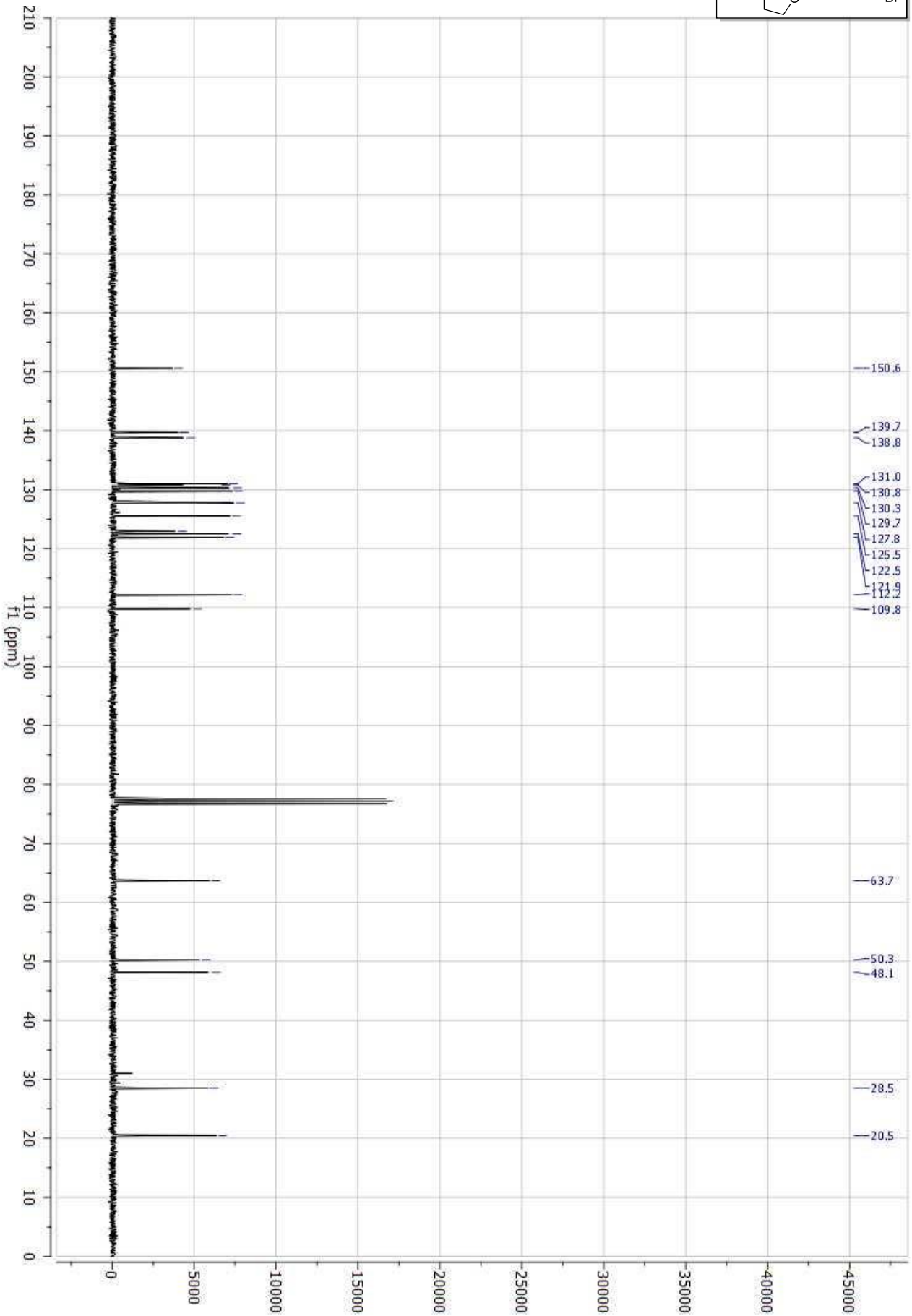
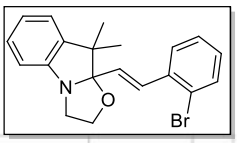
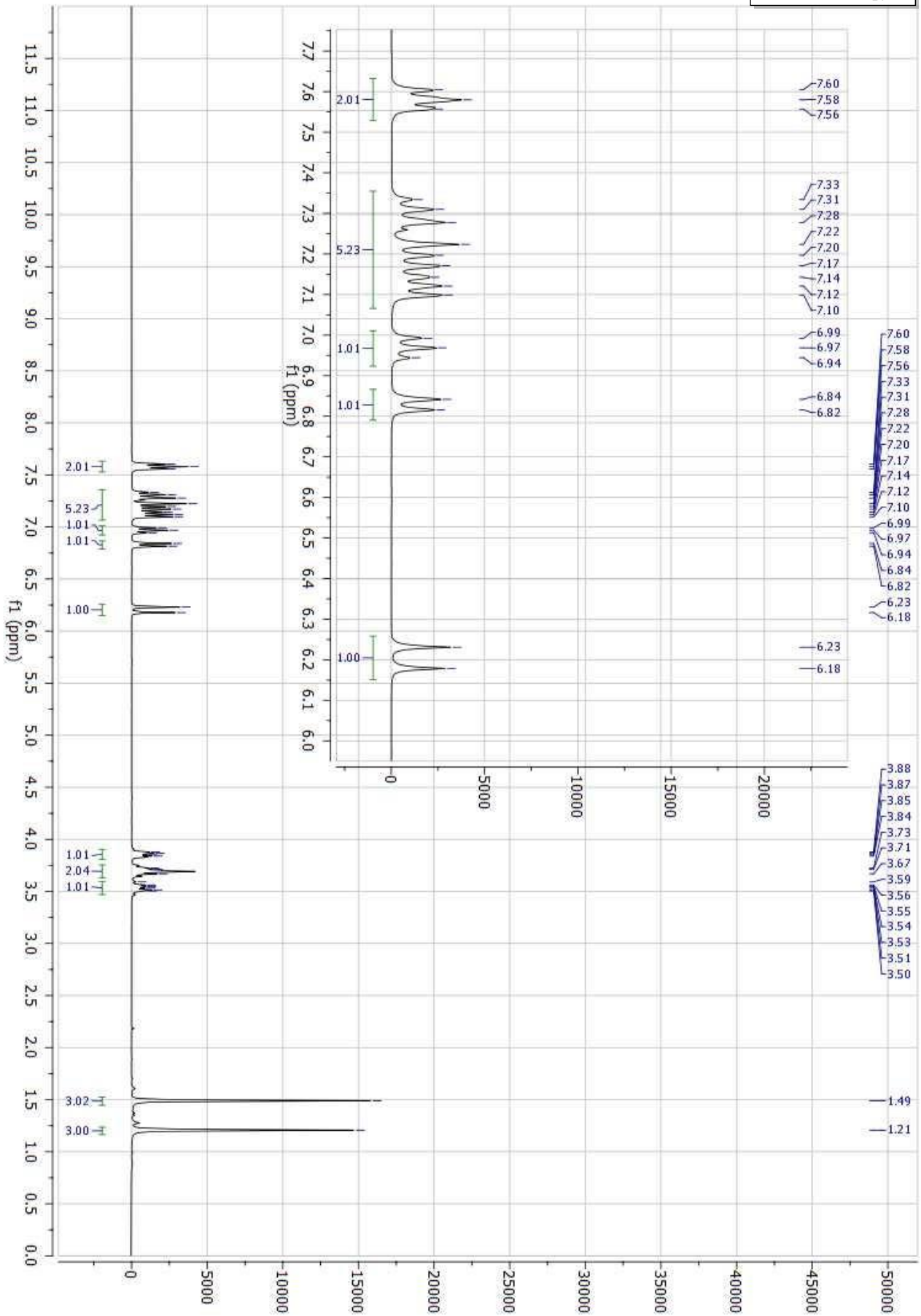


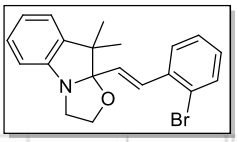


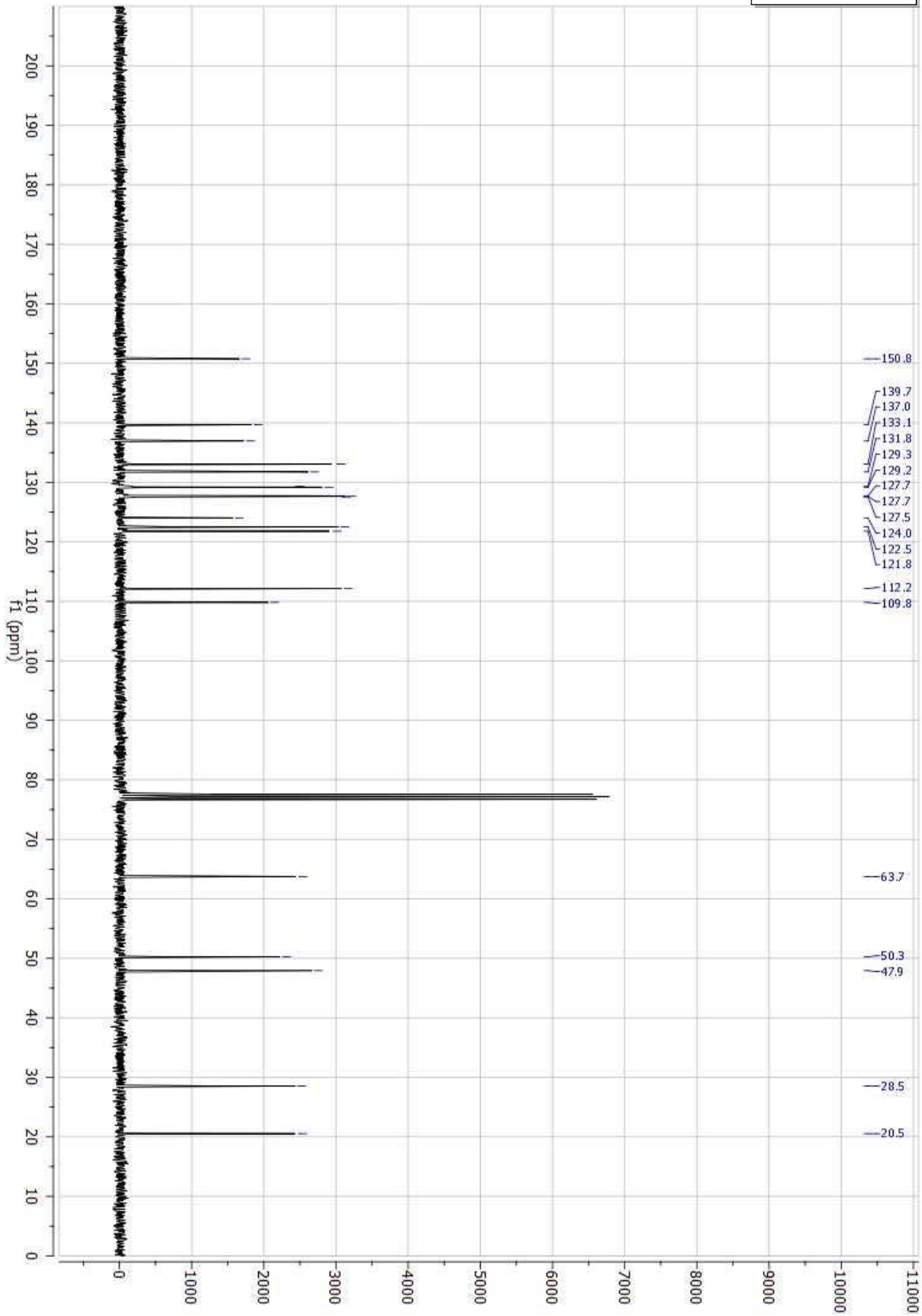
Compound 2l ^{1}H-NMR ($CDCl_3$; 300 MHz)



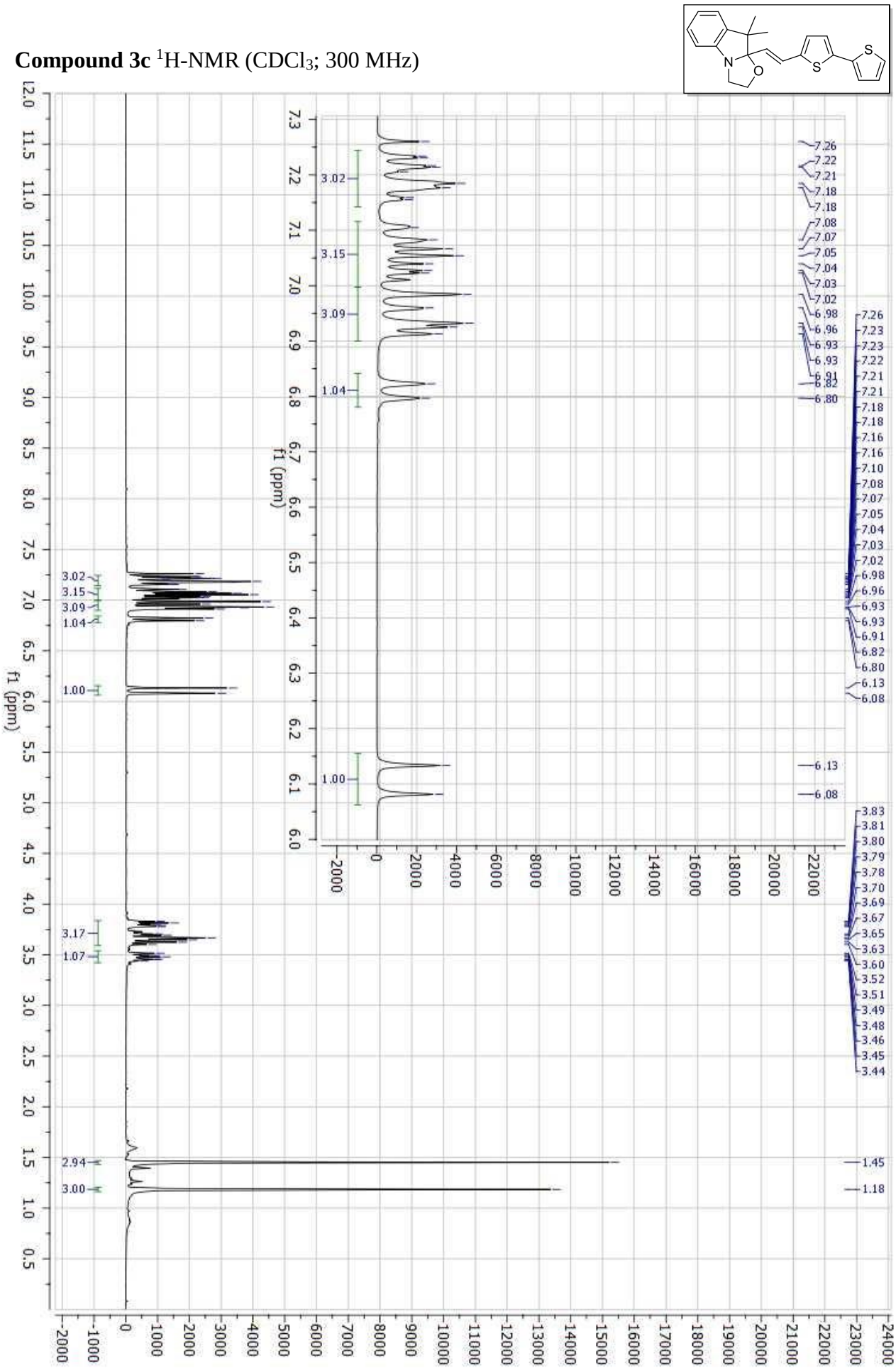


Compound 2l ^{13}C-NMR ($CDCl_3$; 75 MHz)





Compound 3c ^{1}H-NMR ($CDCl_3$; 300 MHz)



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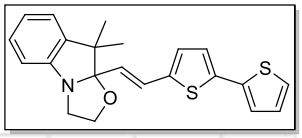
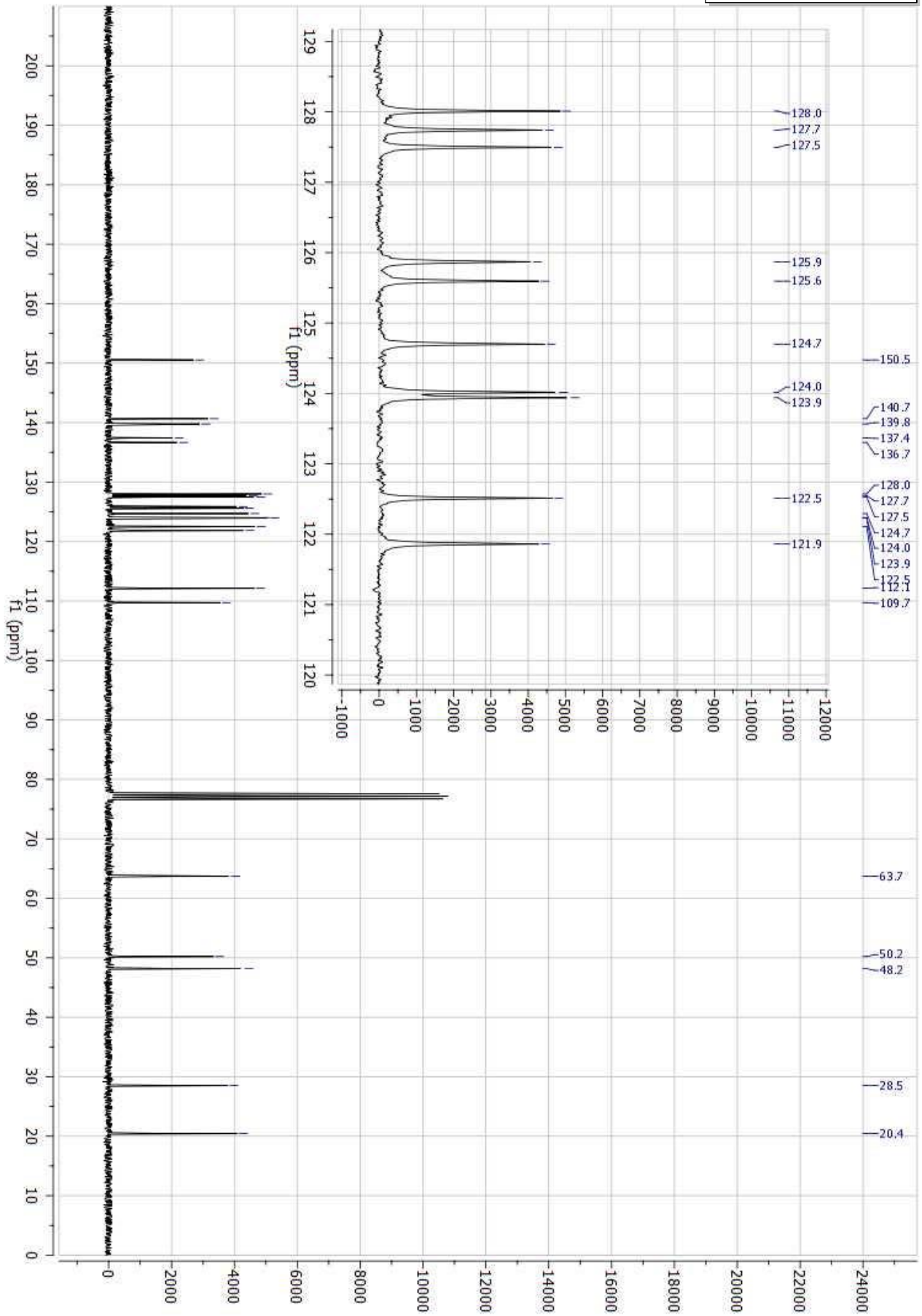
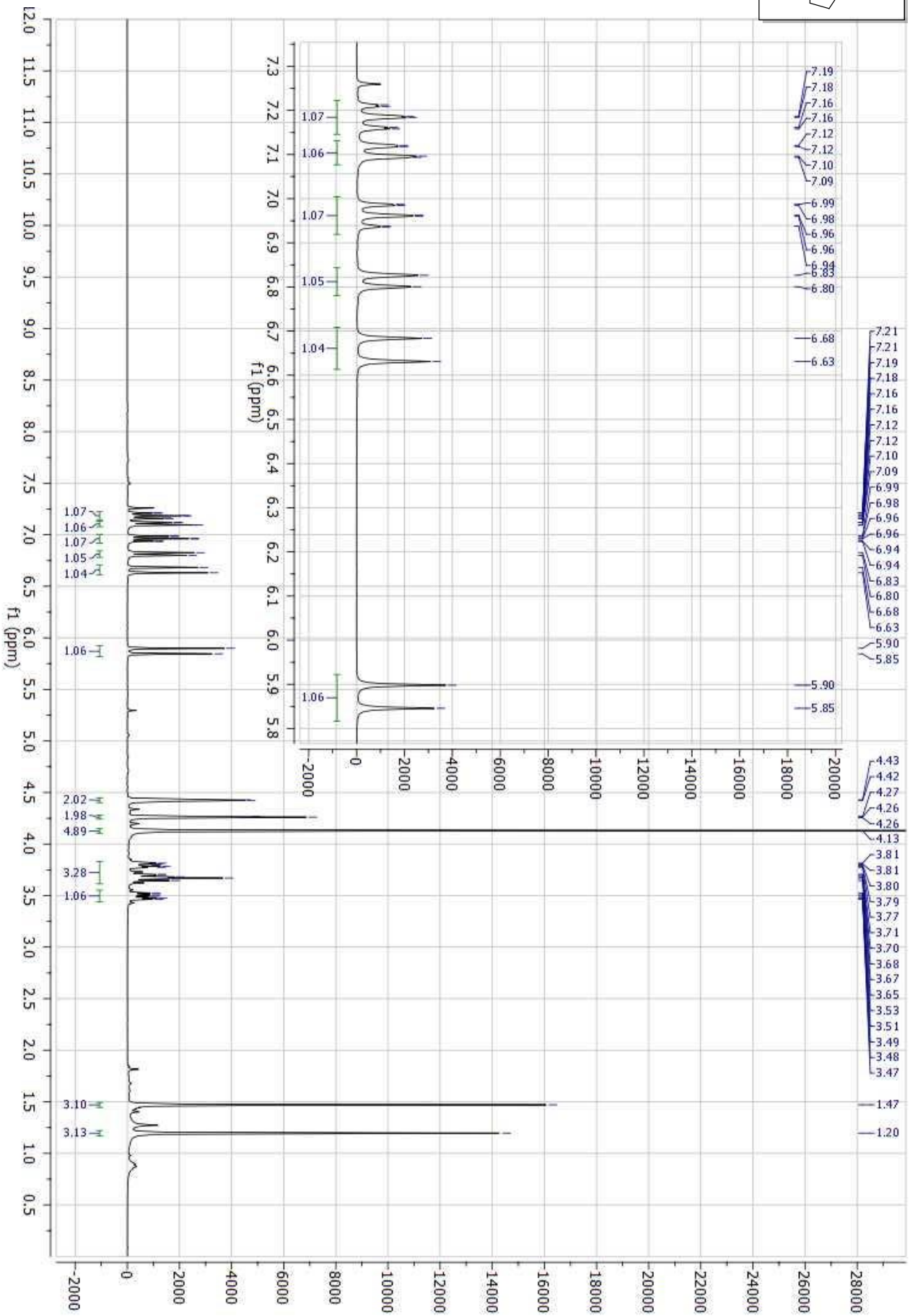




Compound 3d ^{1}H-NMR ($CDCl_3$; 300 MHz)



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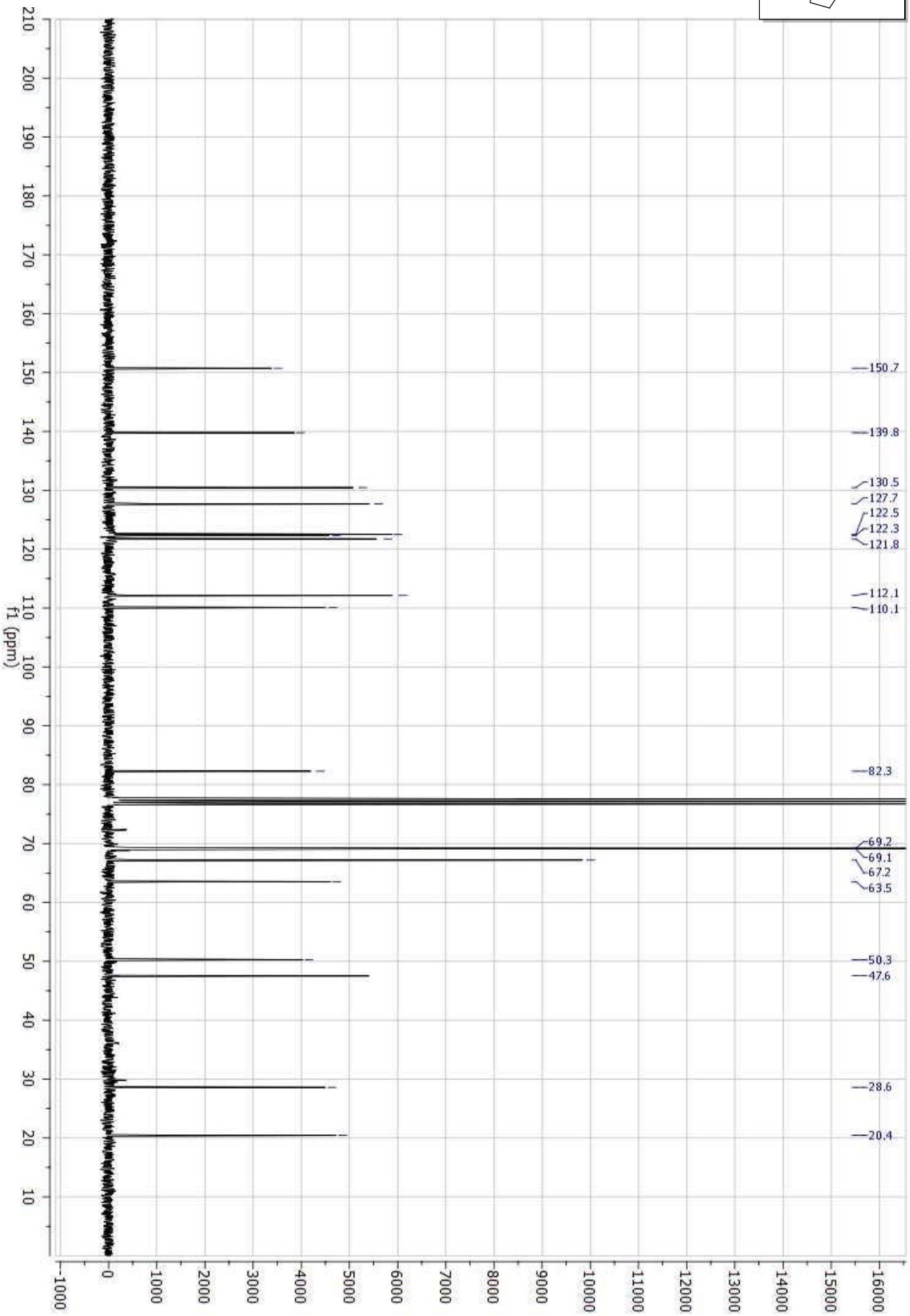
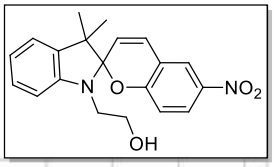
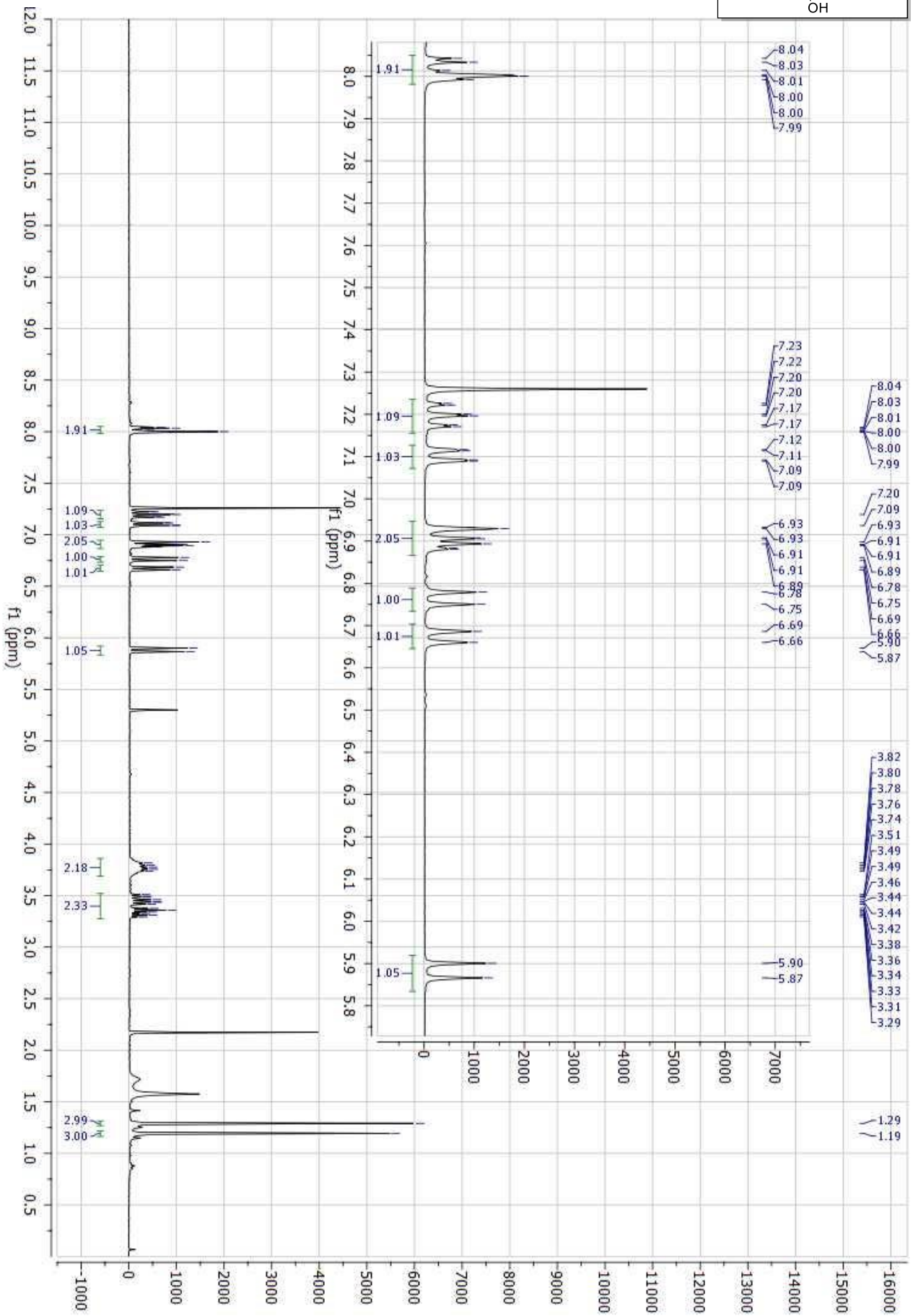
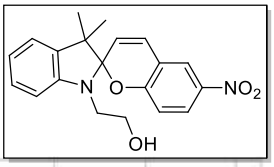


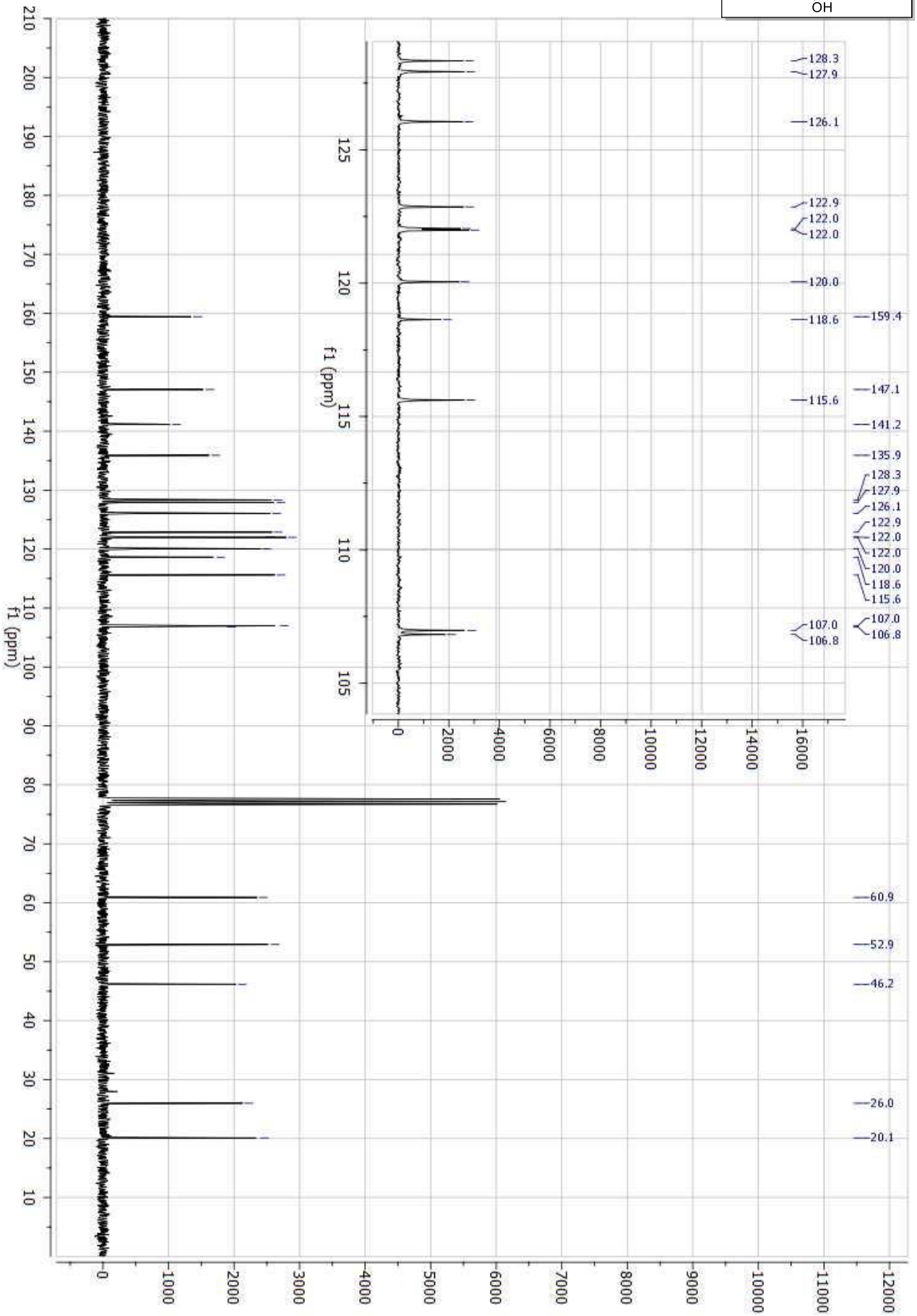
Compound 5 ^{1}H-NMR ($CDCl_3$; 300 MHz)



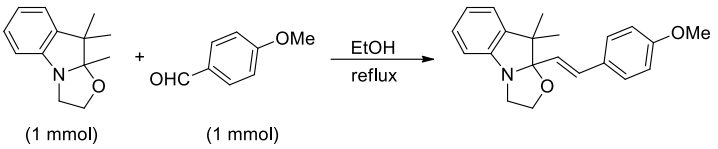


Compound 5 ^{13}C-NMR ($CDCl_3$; 75 MHz)

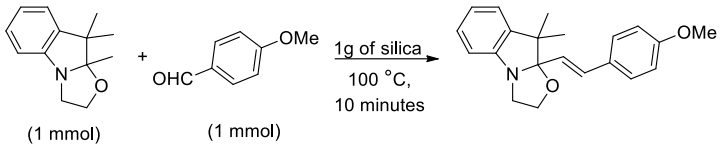
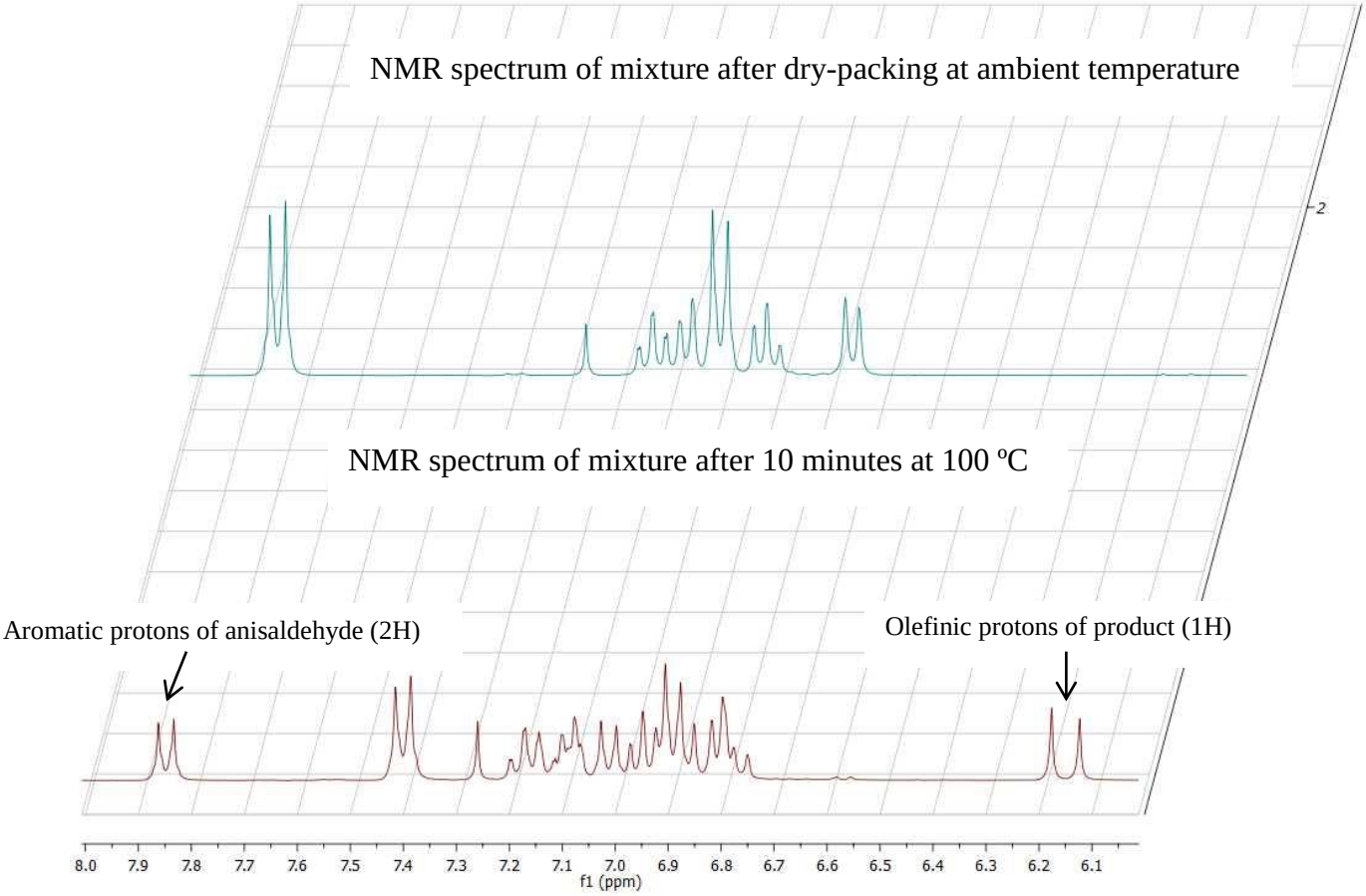




Time dependence of conversion under classical conditions:



Time (hours)	Conversion[a]
6	8
12	10
24	21
48	42
72	47
96	57
216	66

[a]Conversions are based on the NMR analysis of the crude material.

Determination of conversion using NMR analysis :