

Electronic Supplementary Information (ESI)

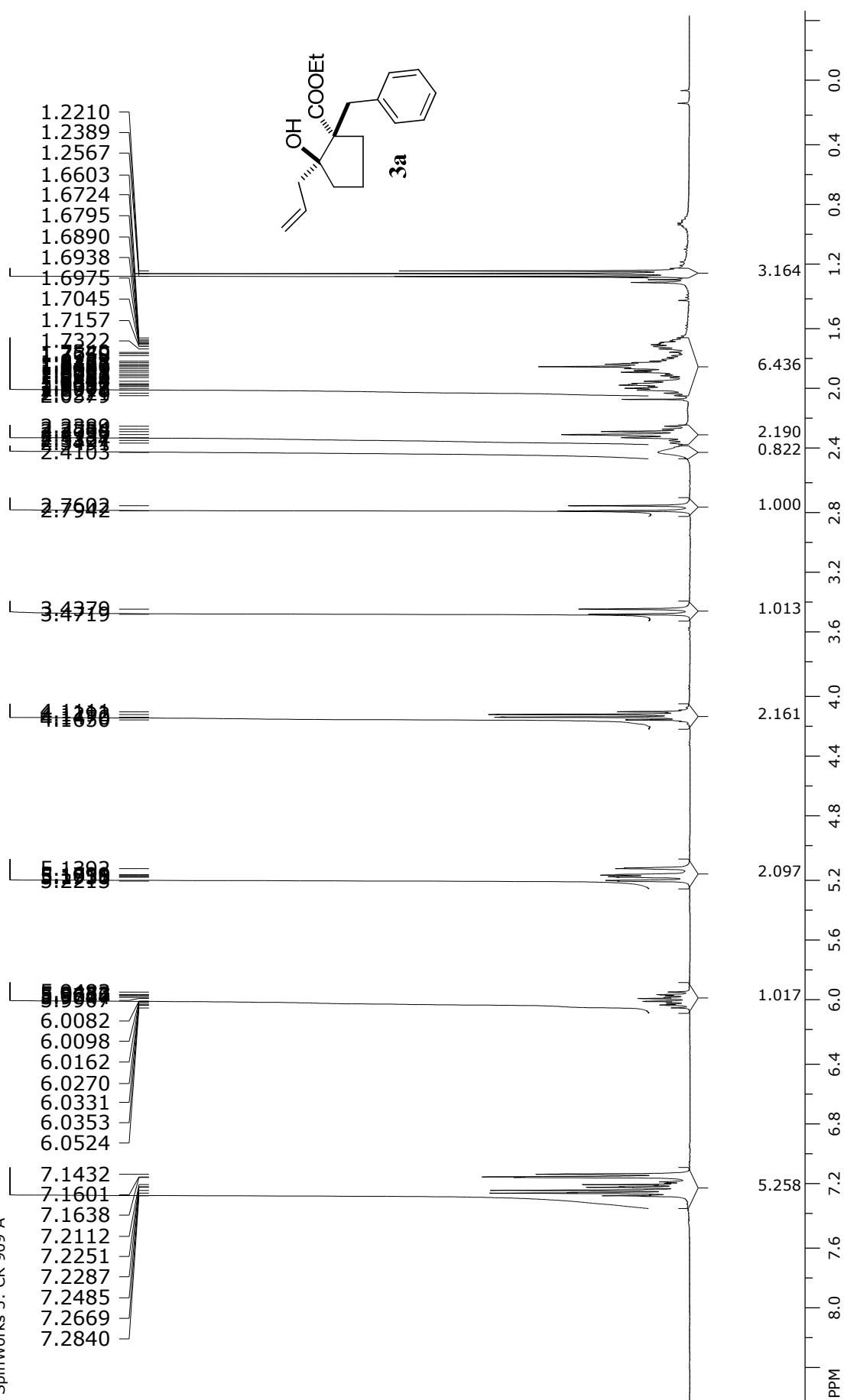
Indium-catalyzed aluminium-based stereoselective allylation of prostereogenic α , α -disubstituted cycloalkanones and imine functionality

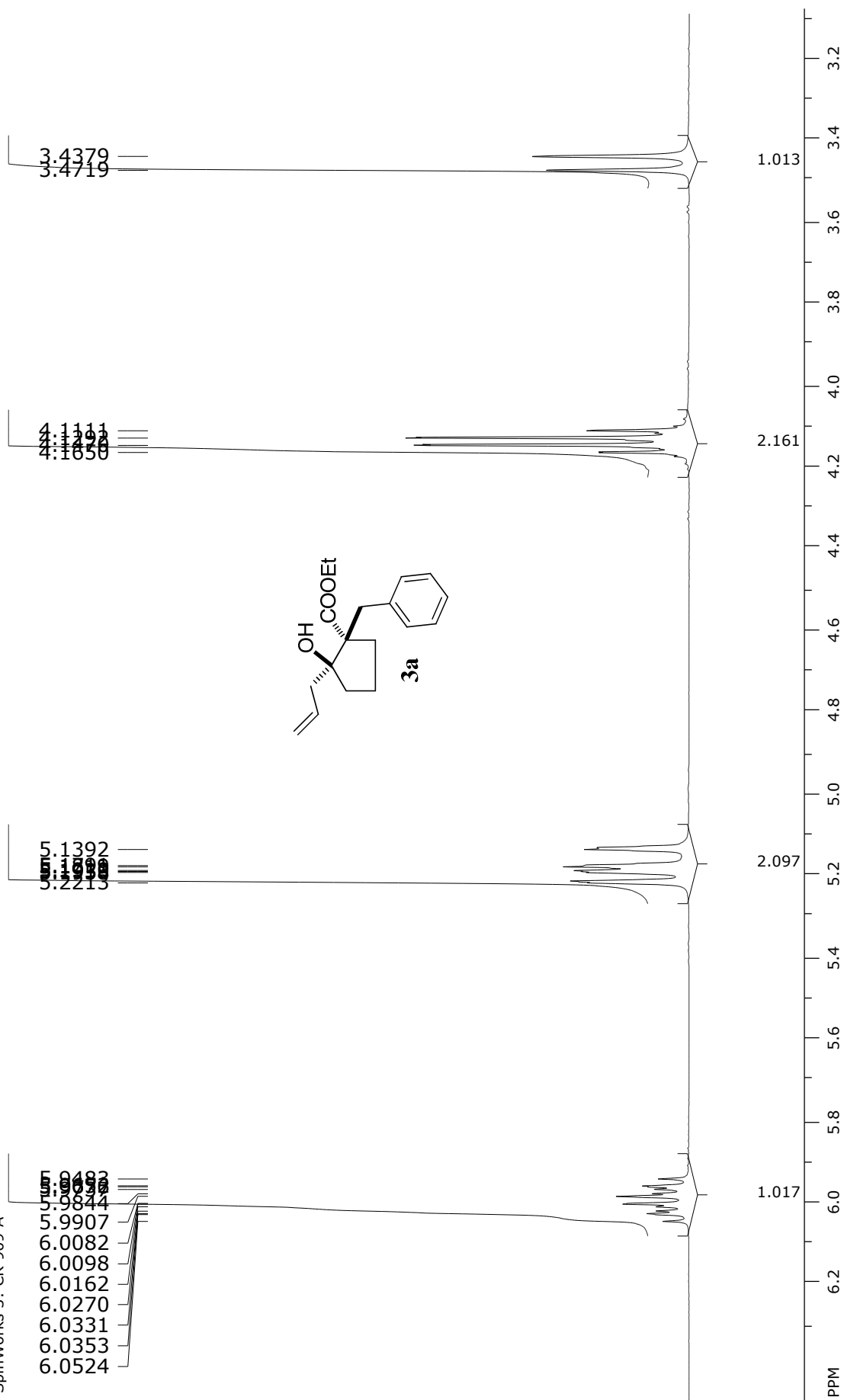
Chennakesava Reddy, Srinivasarao Arulananda Babu* and Nayyar Ahmad Aslam

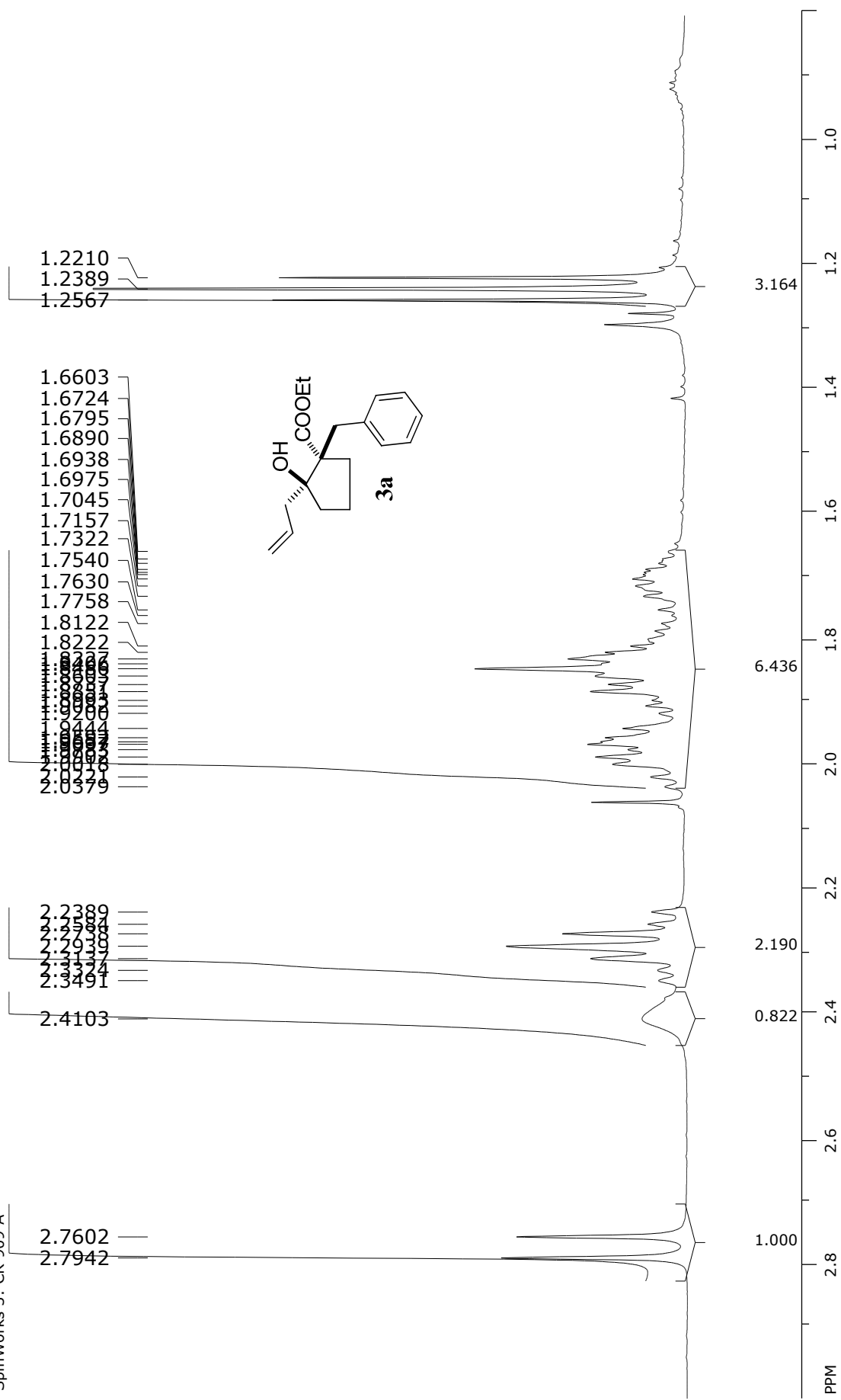
Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Mohali, Manauli P.O., Sector 81, SAS Nagar, Mohali, Knowledge City, Punjab 140306, India. E-mail: sababu@iisermohali.ac.in; TeleFax: +91-172-2240266

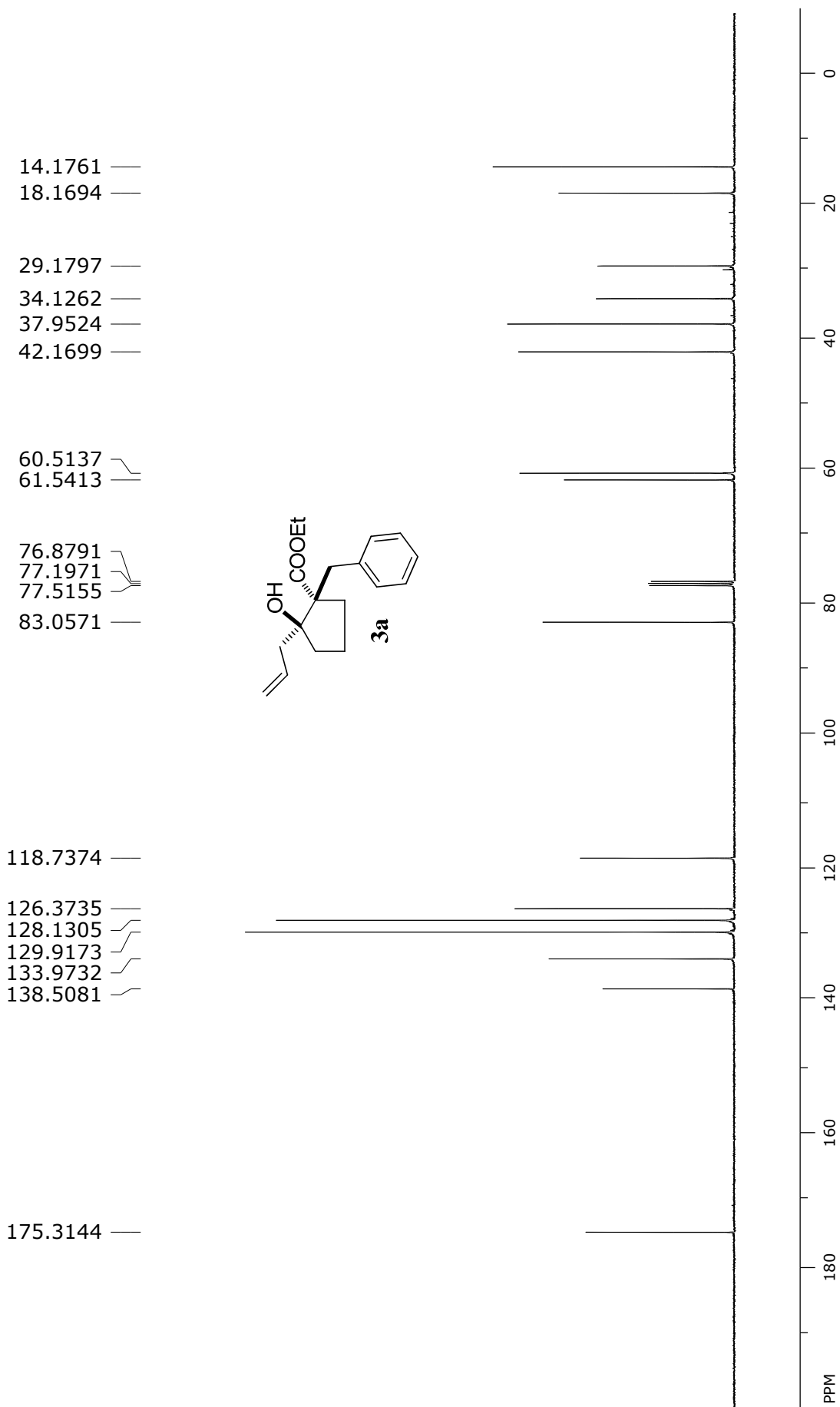
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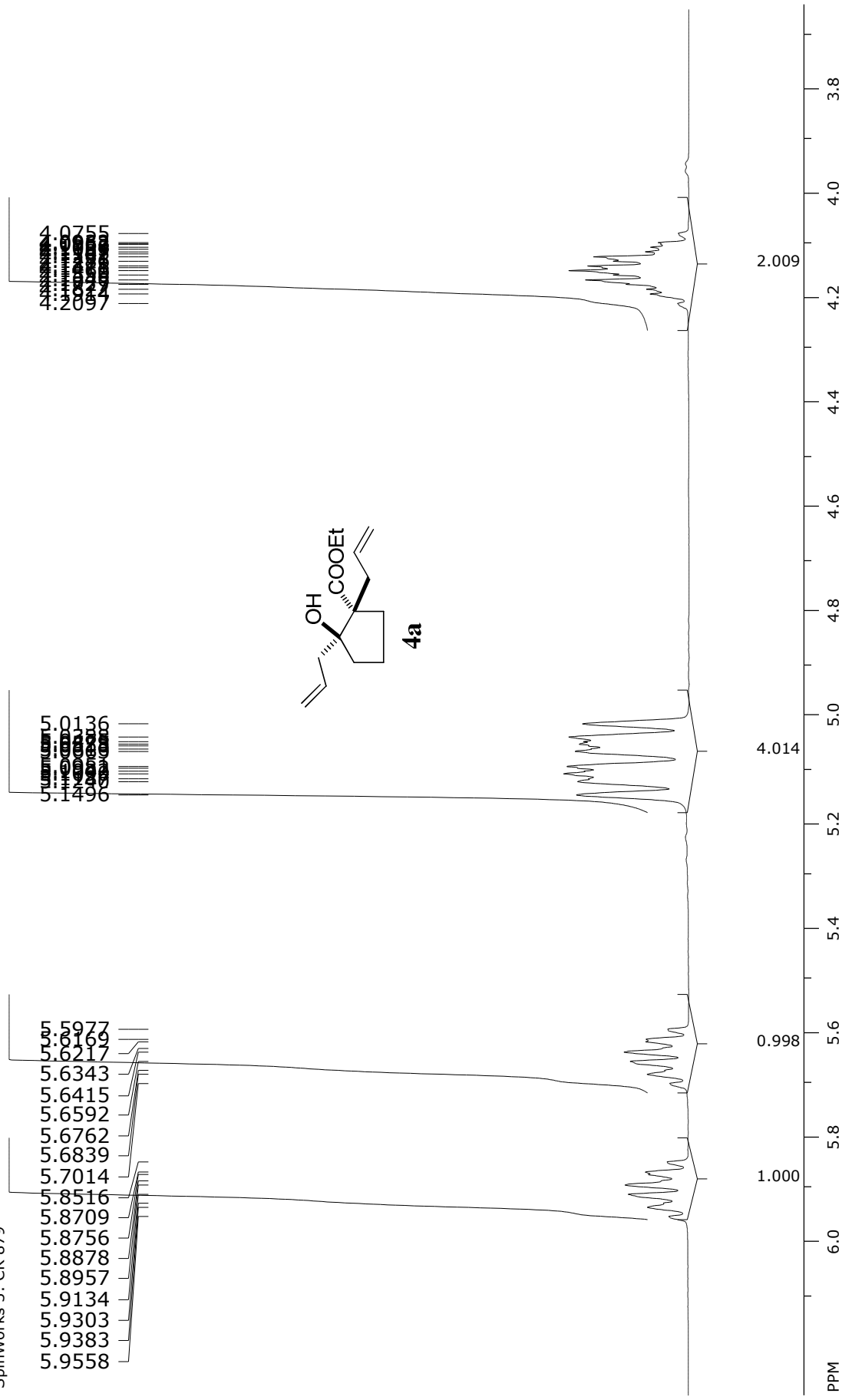
NMR spectra of compounds page no: 2-202.

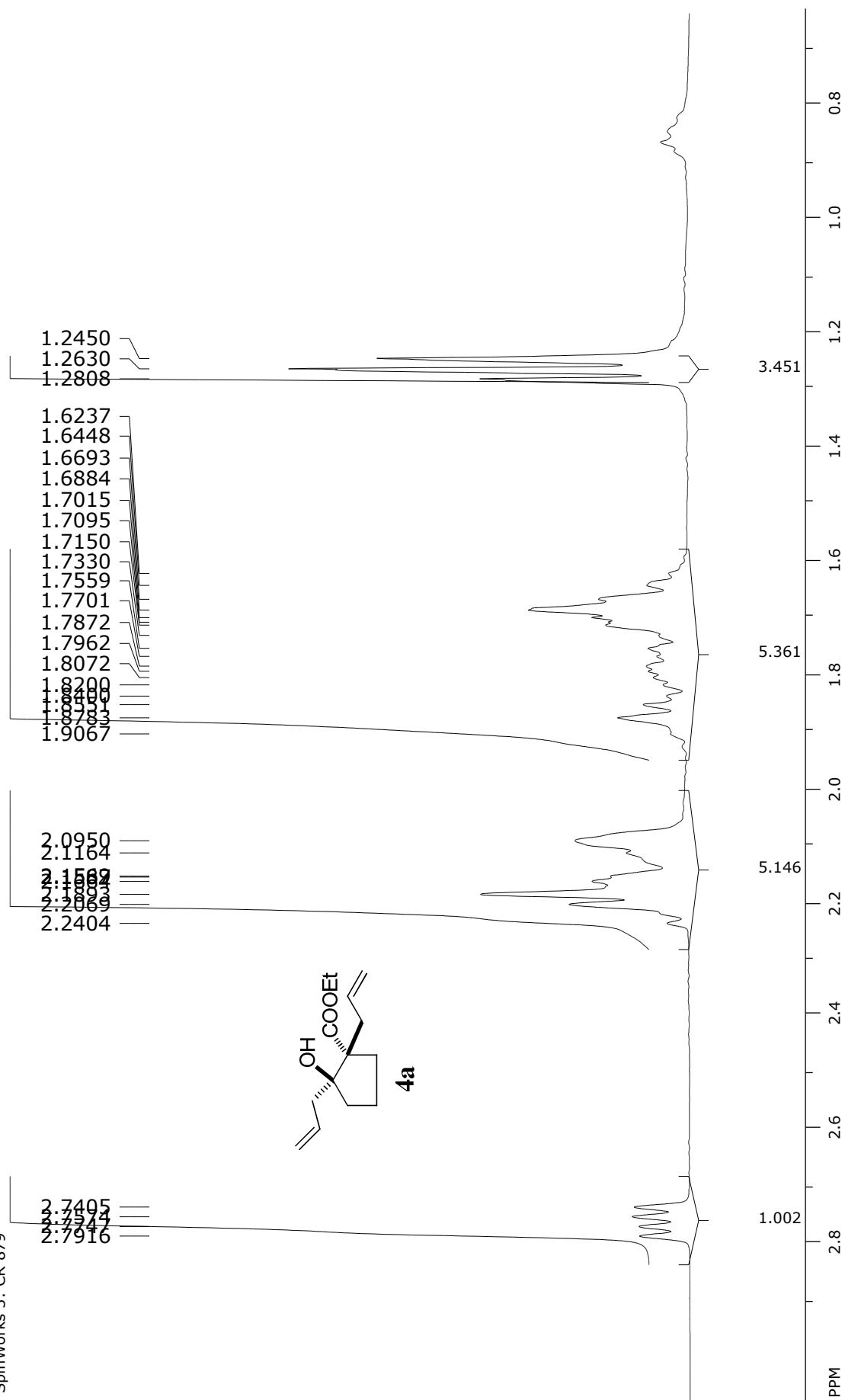


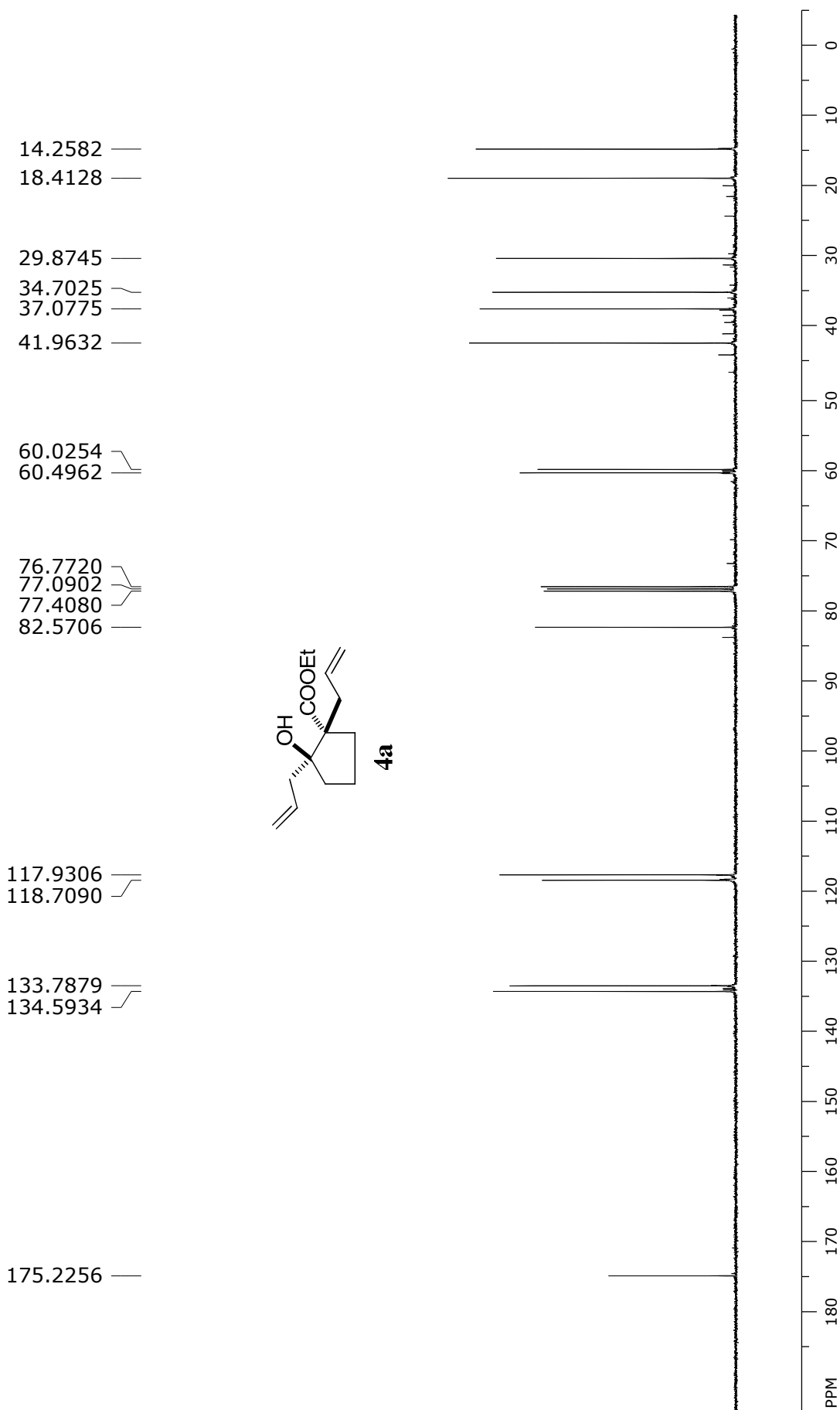


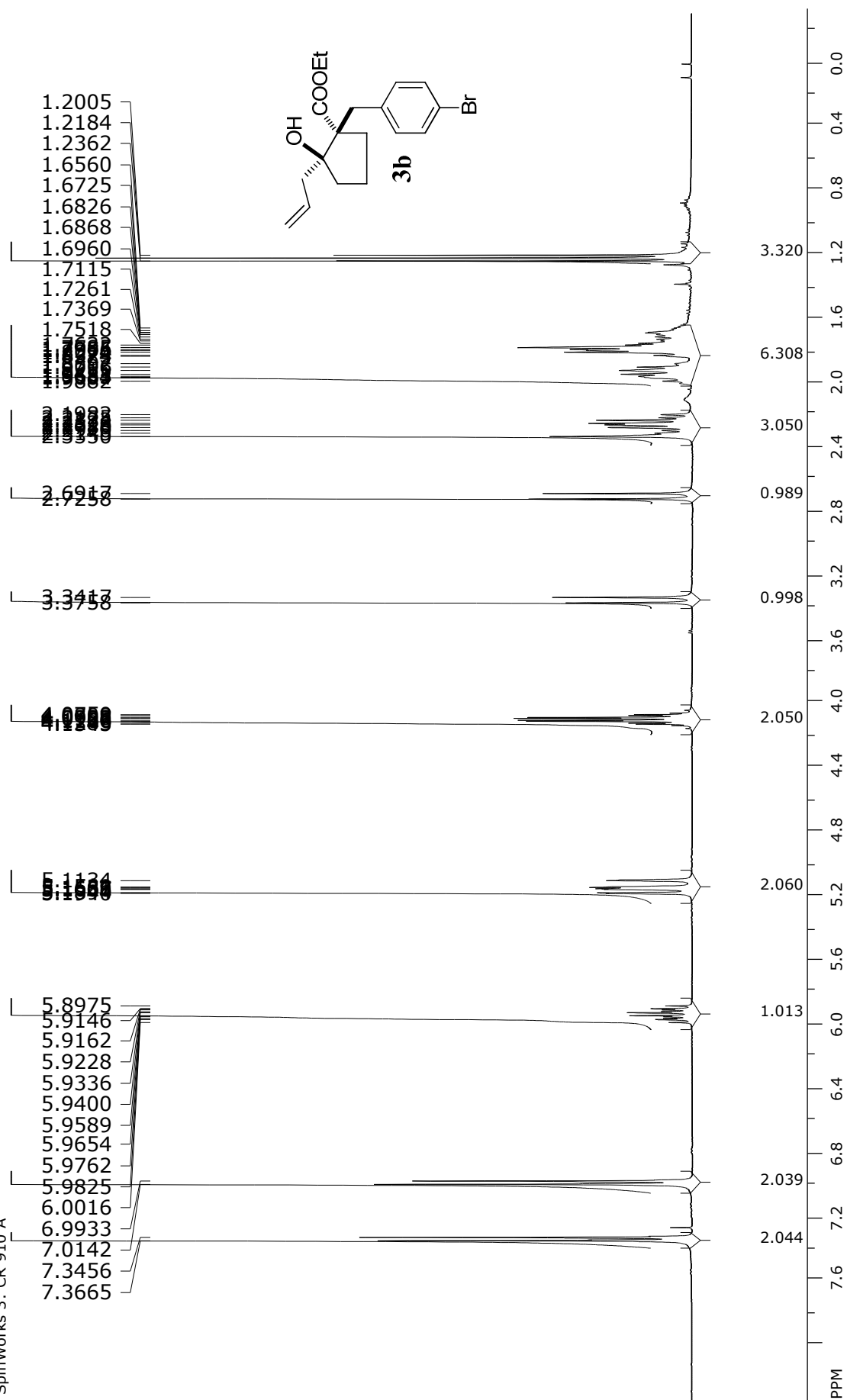


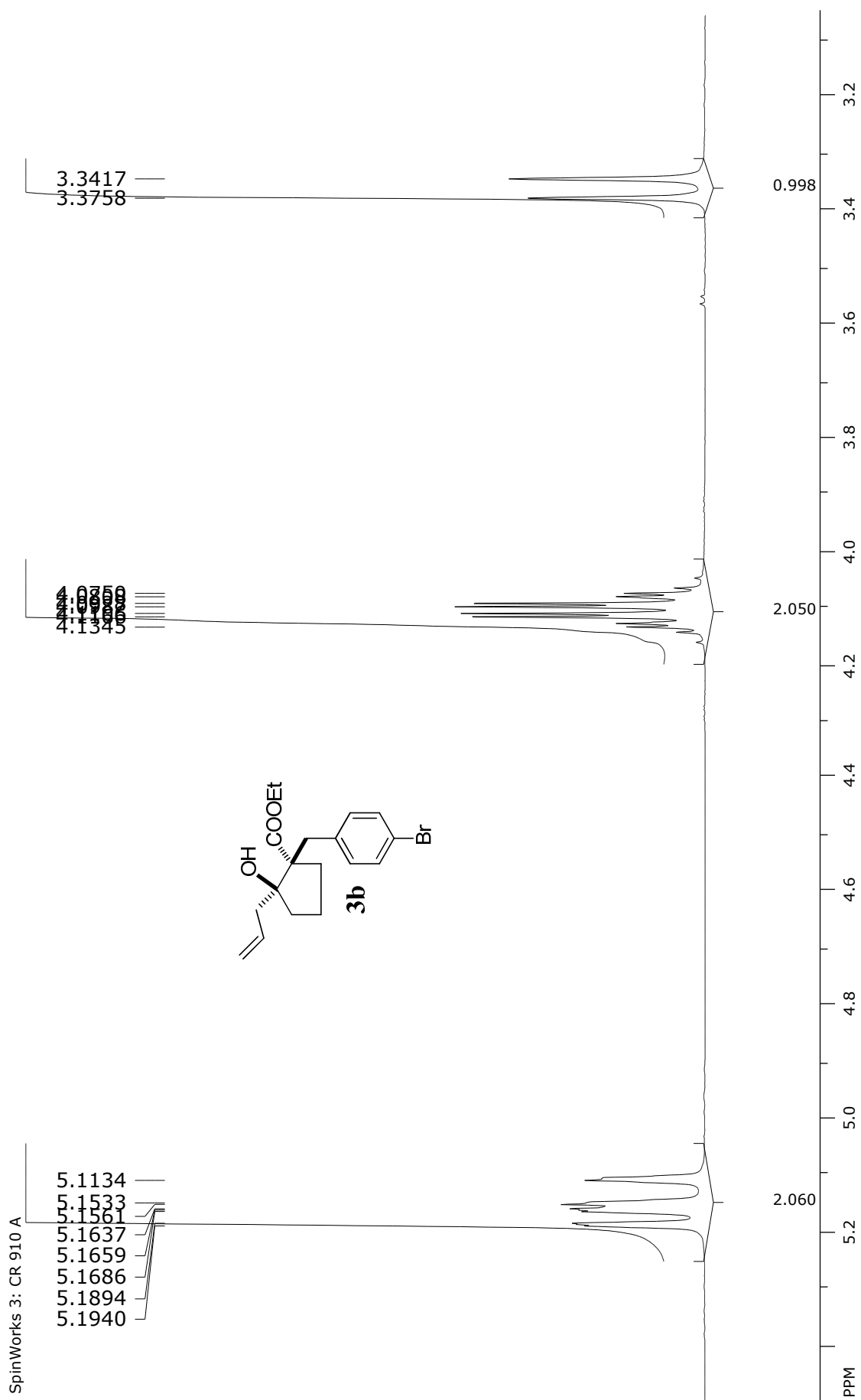


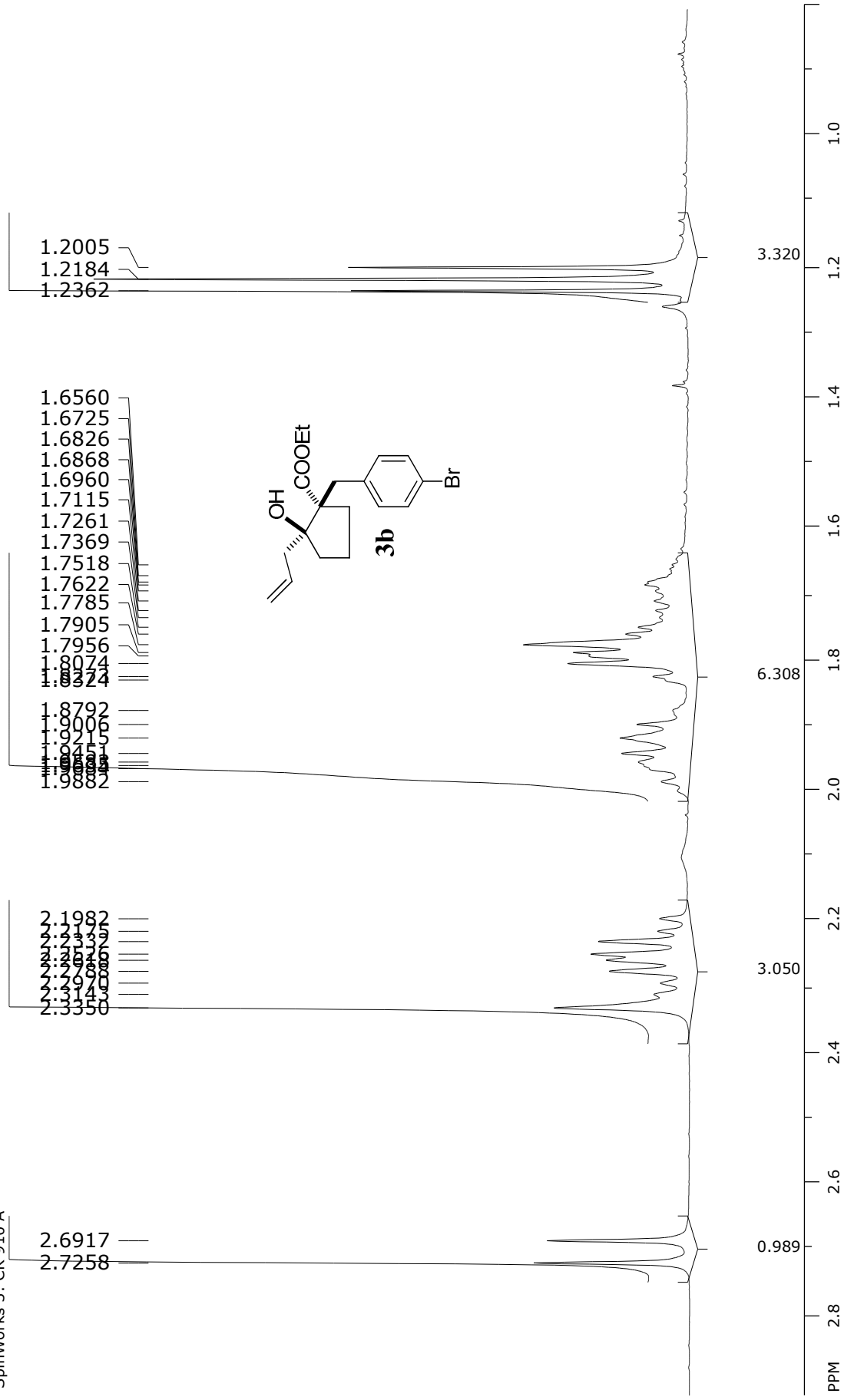


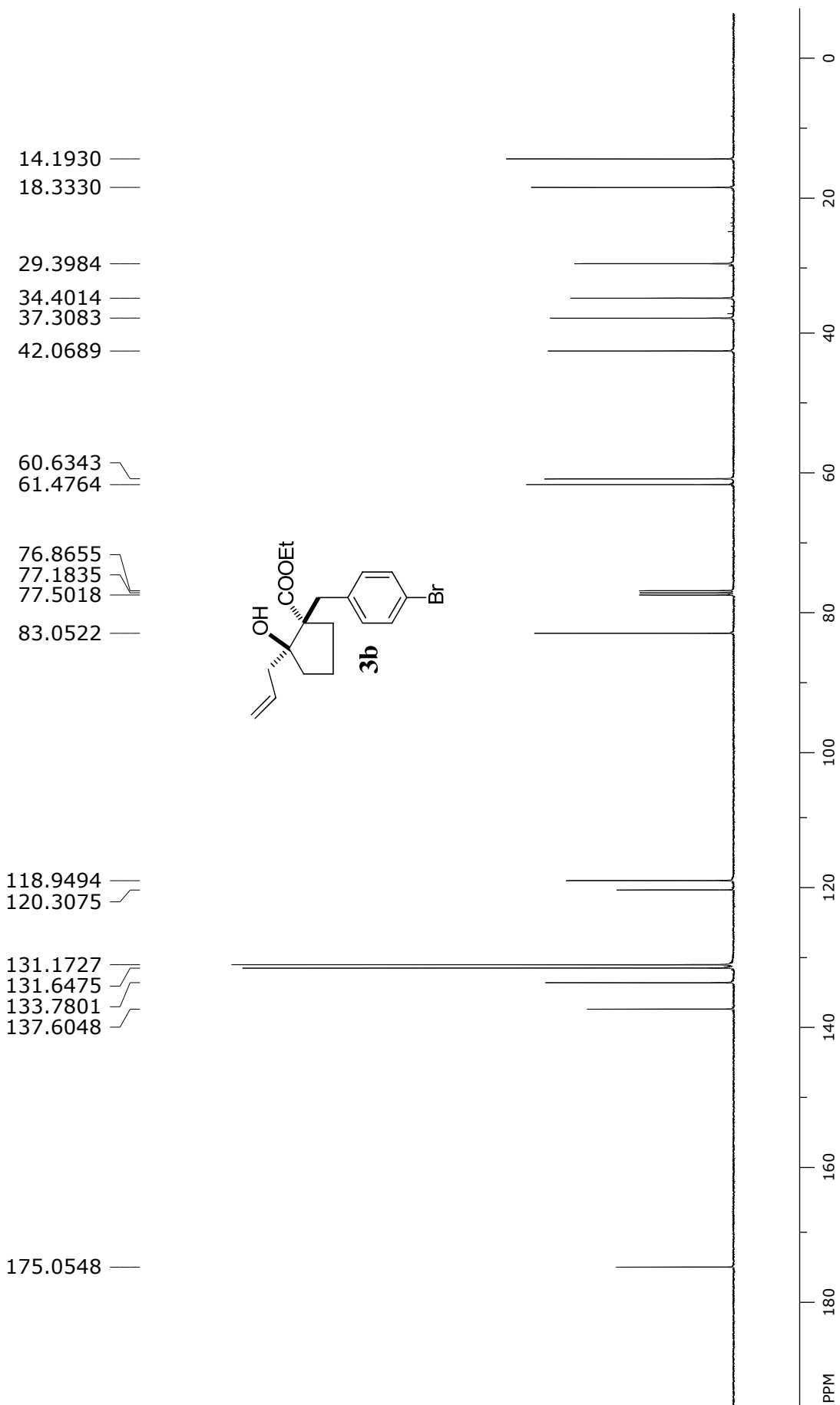


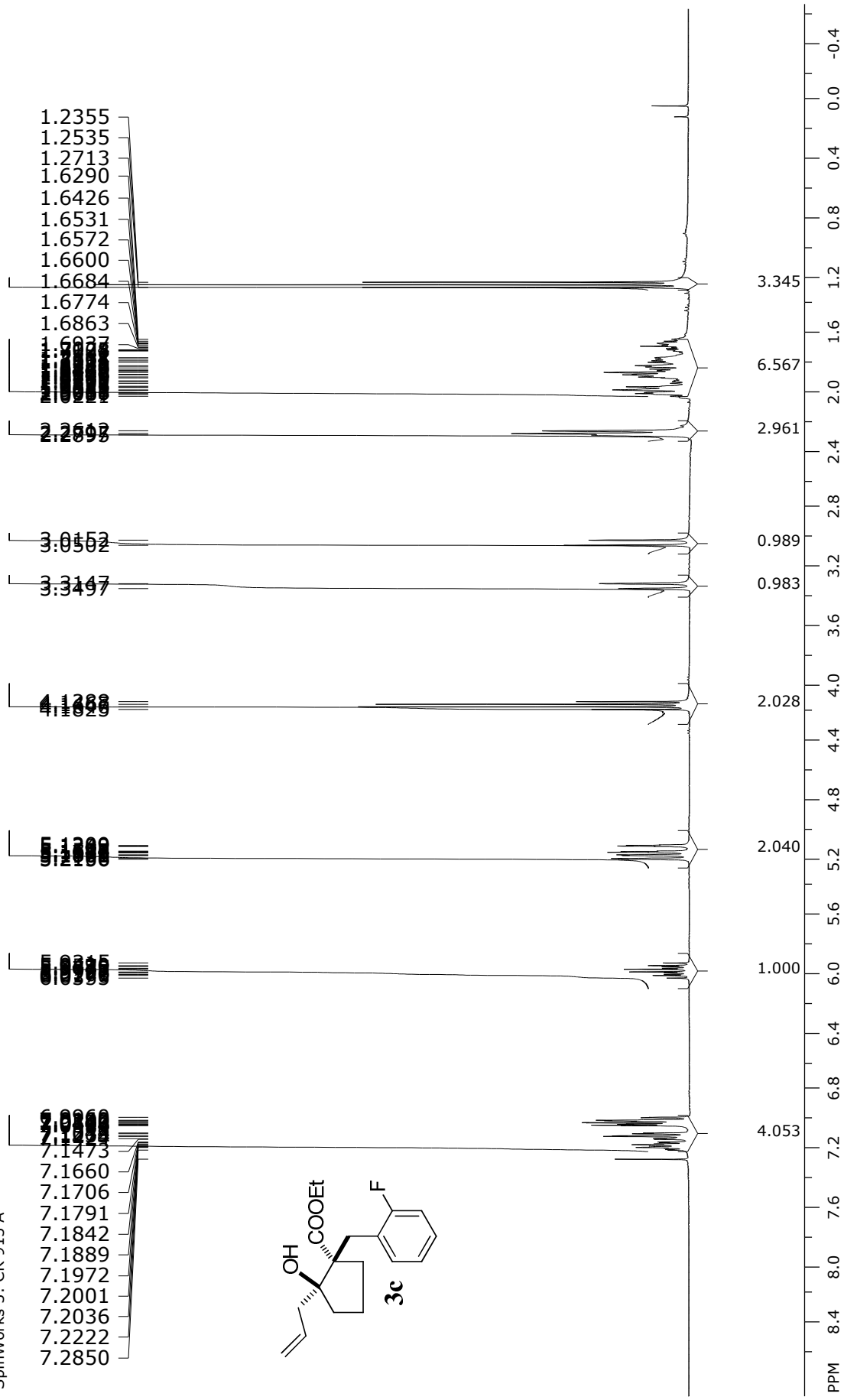


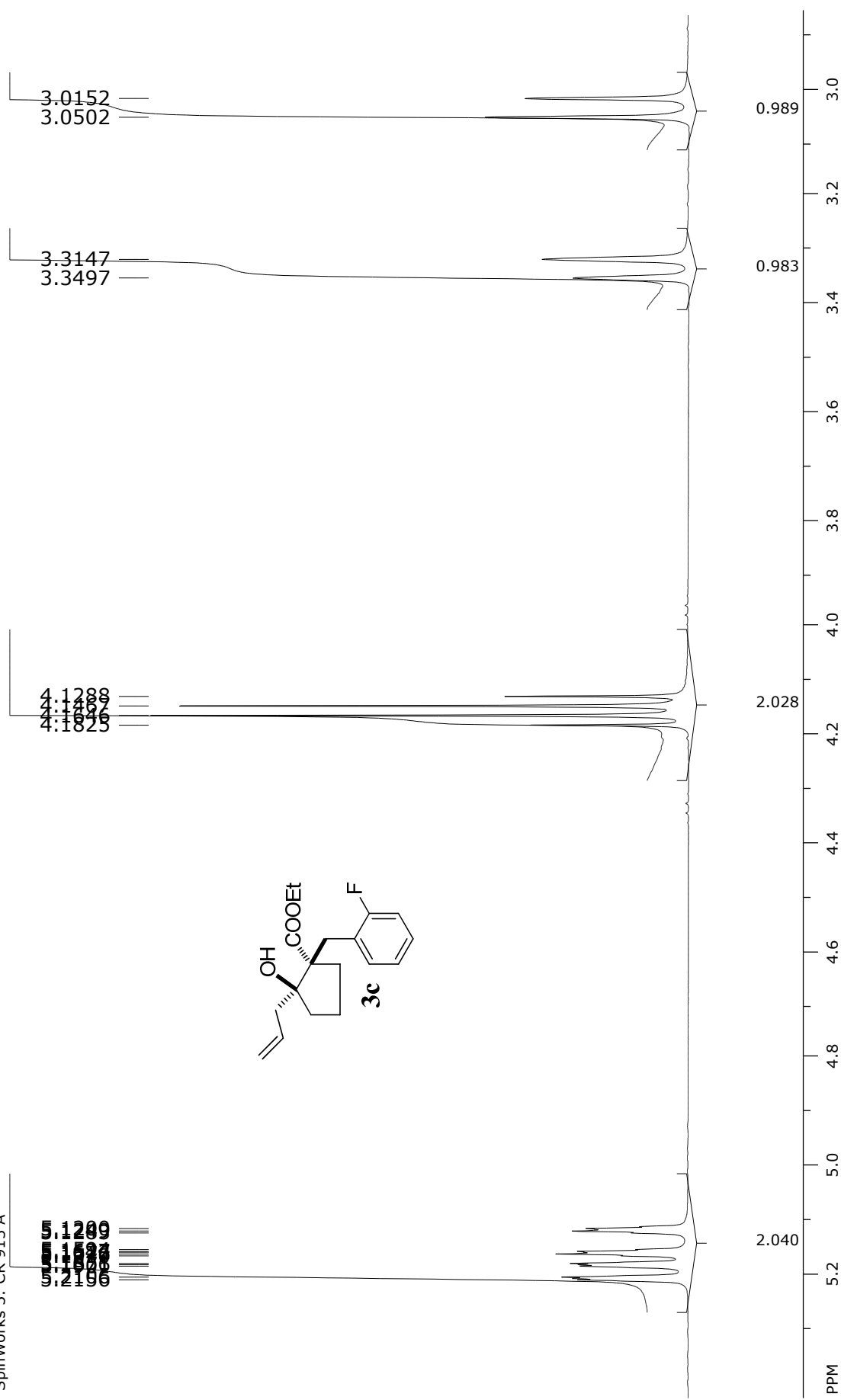
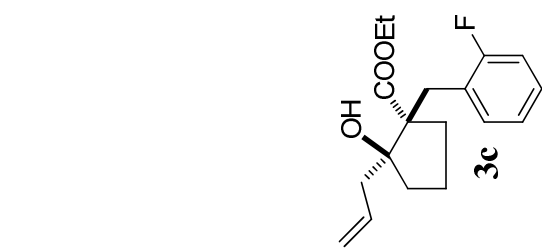


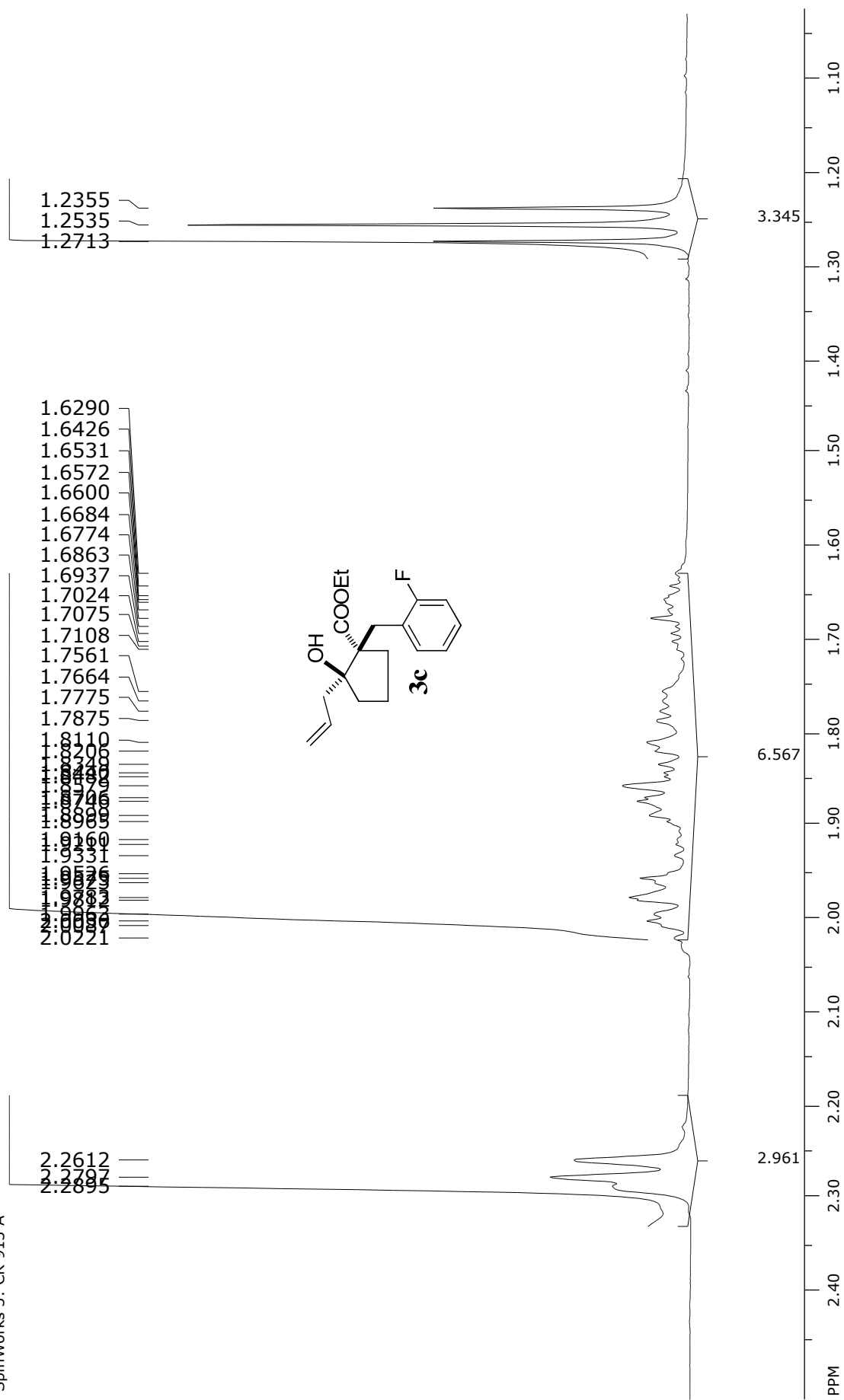


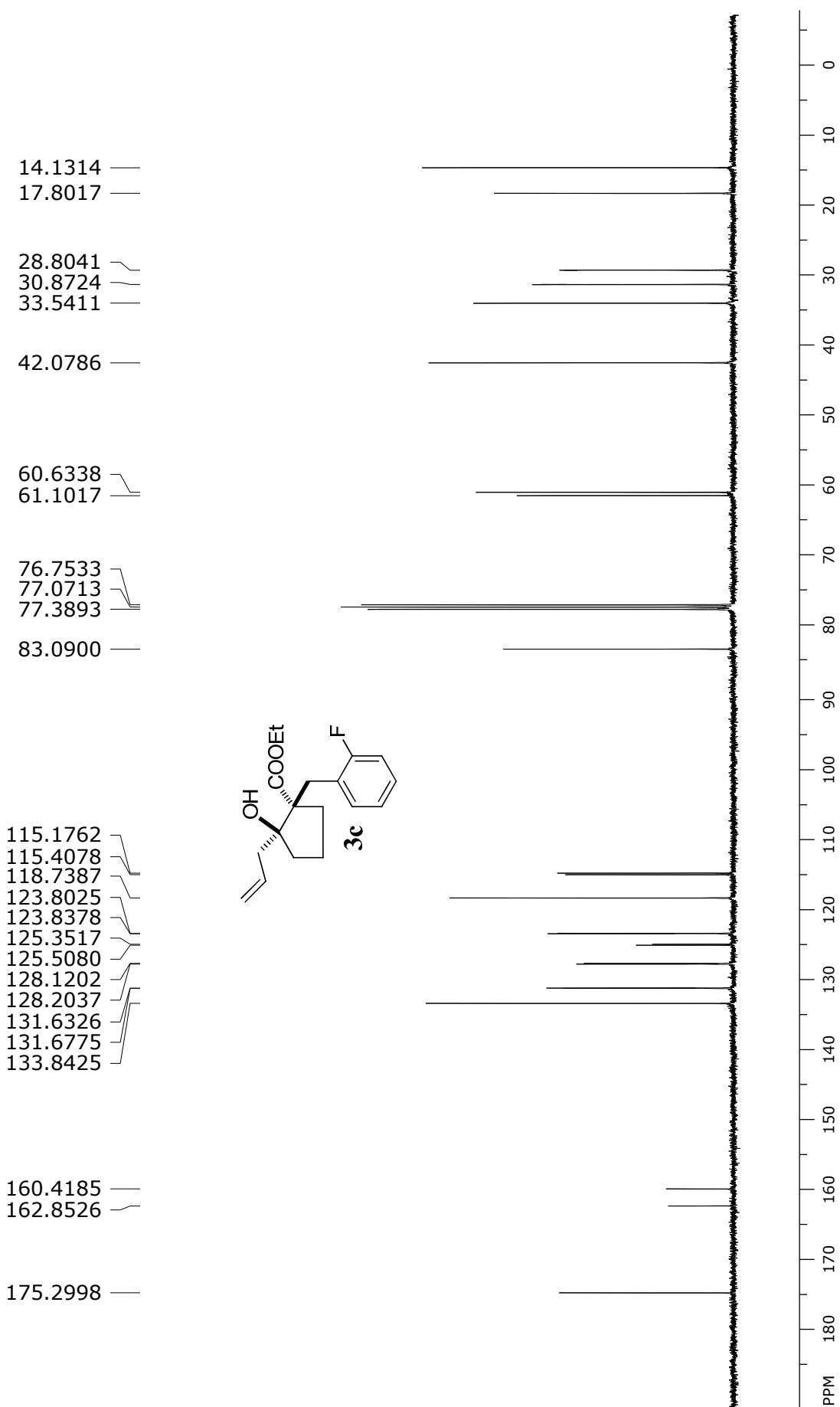


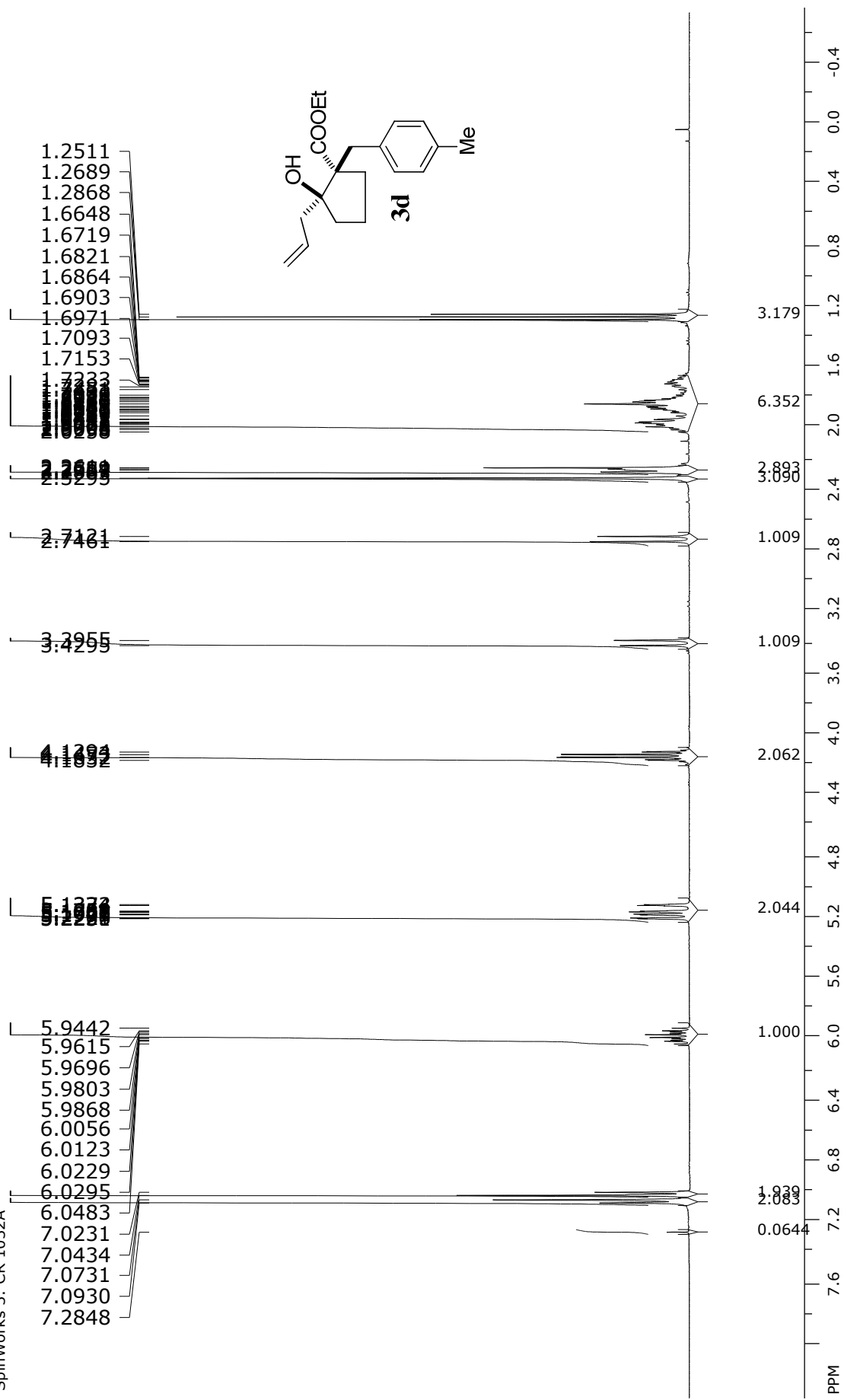




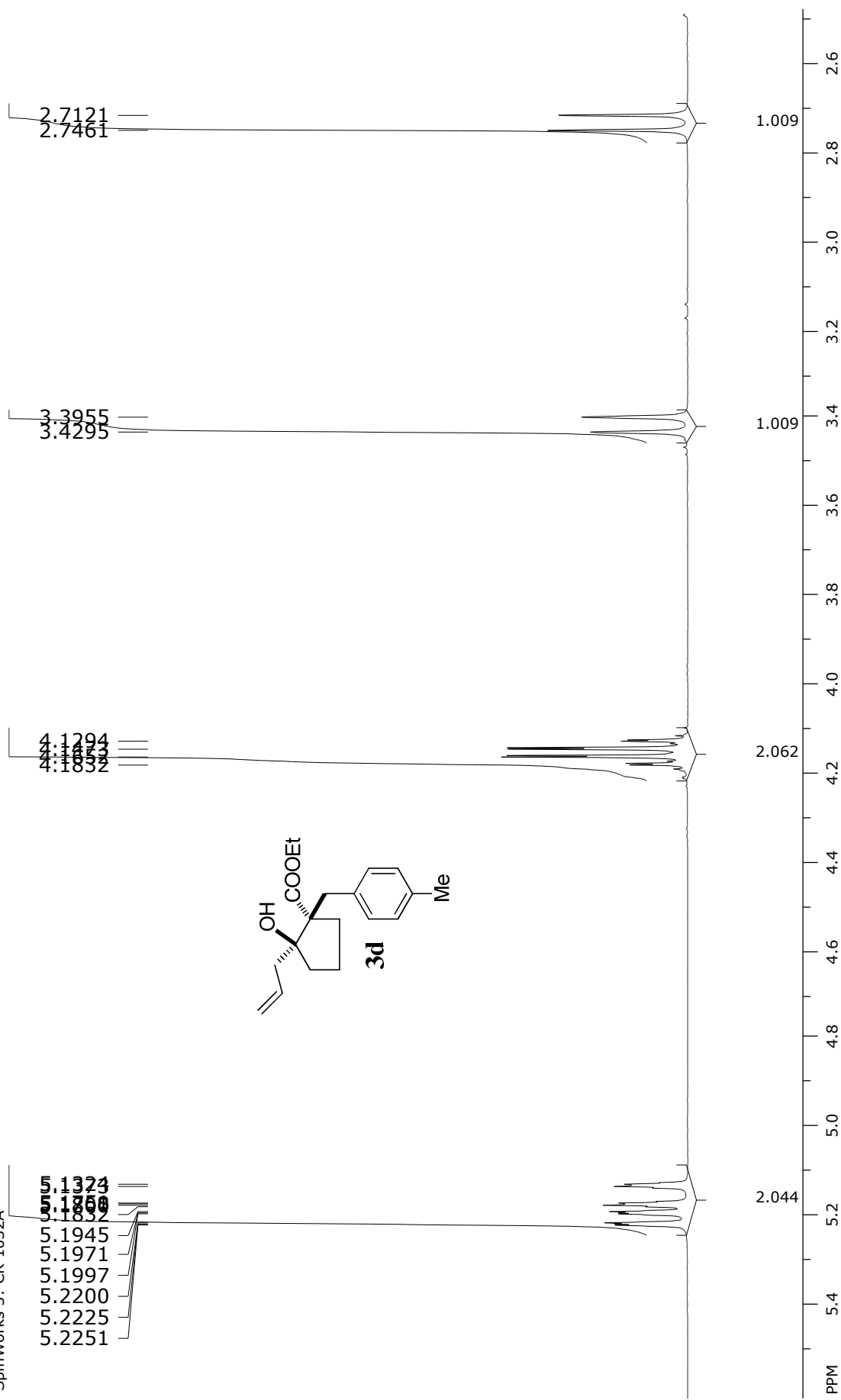


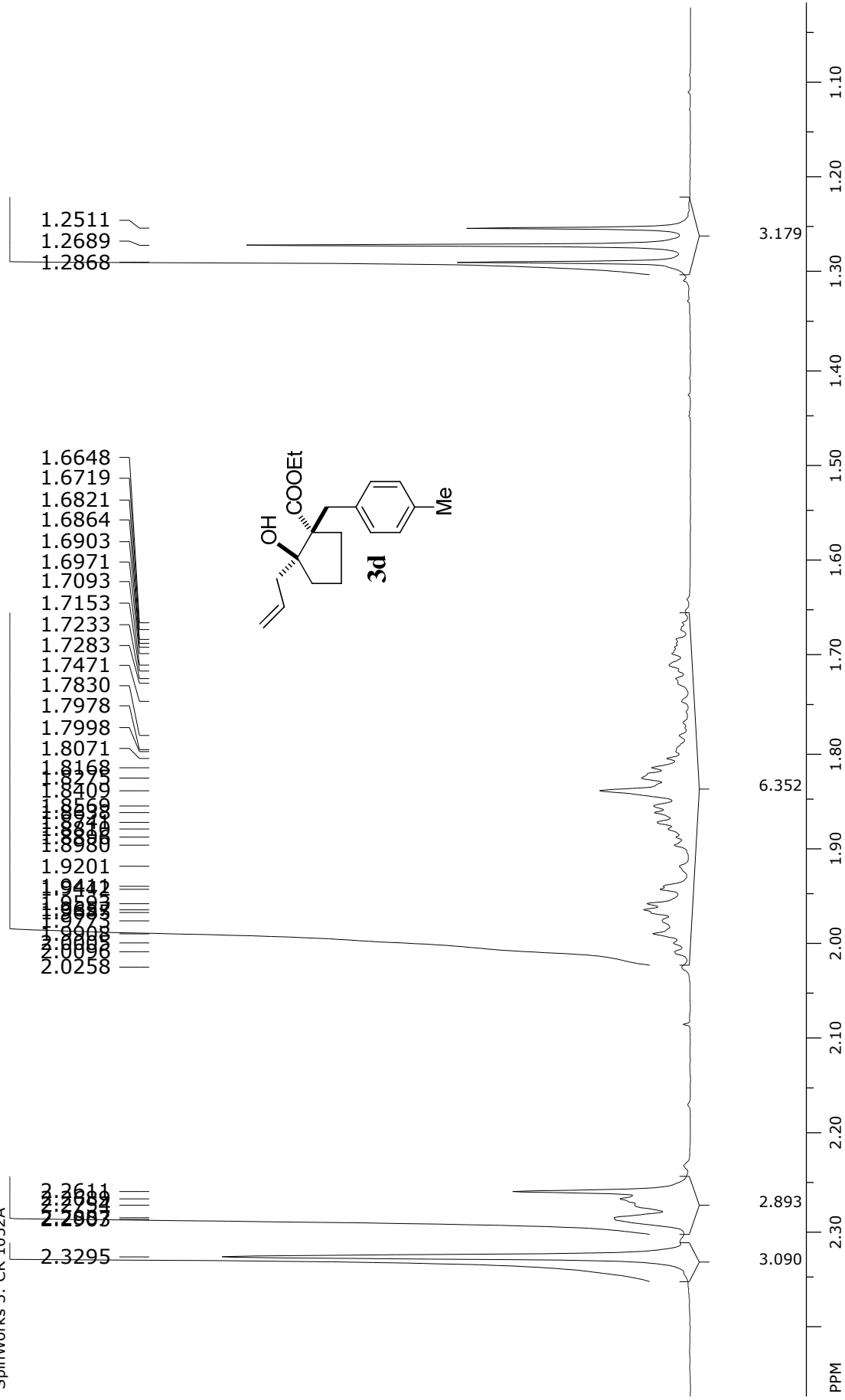


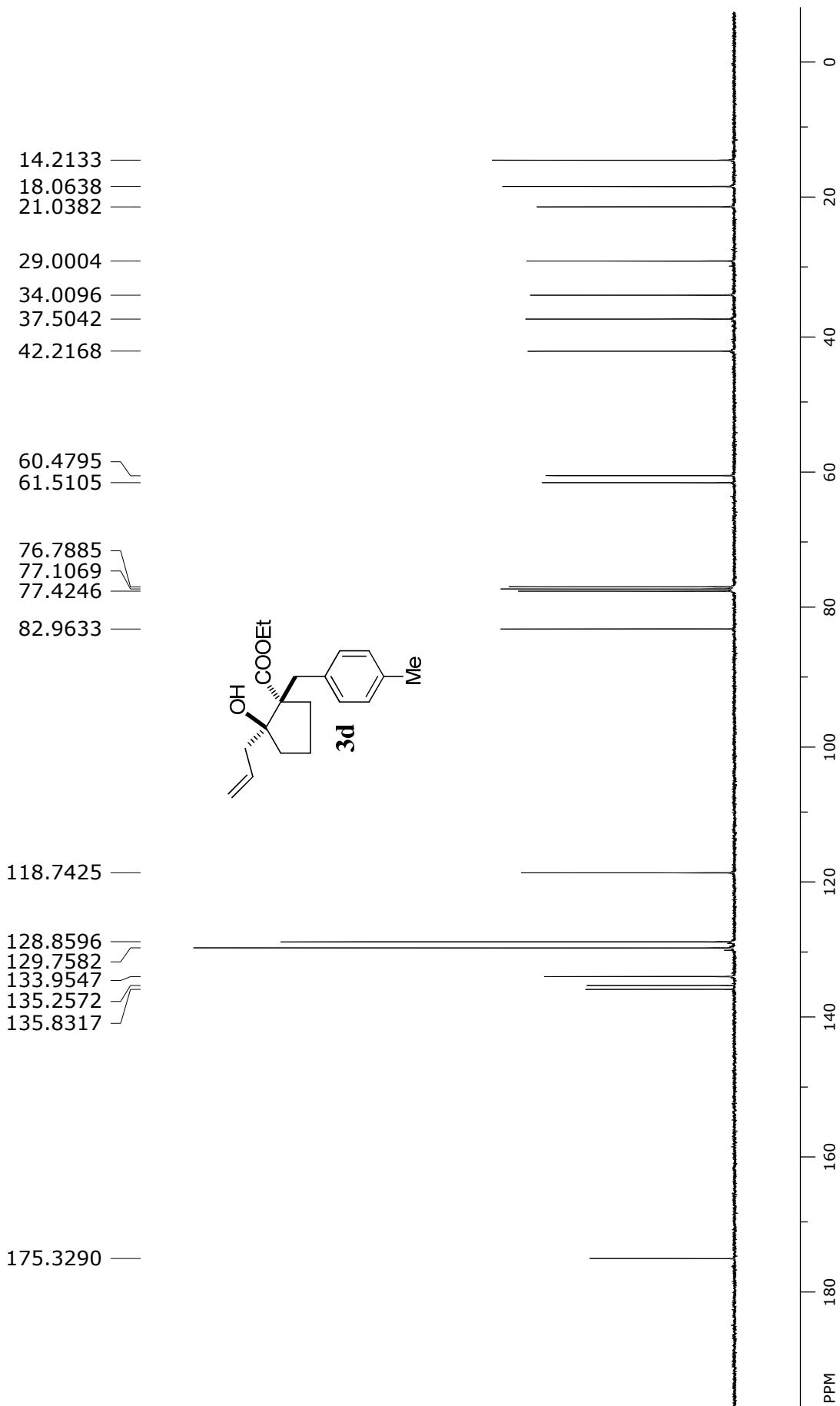


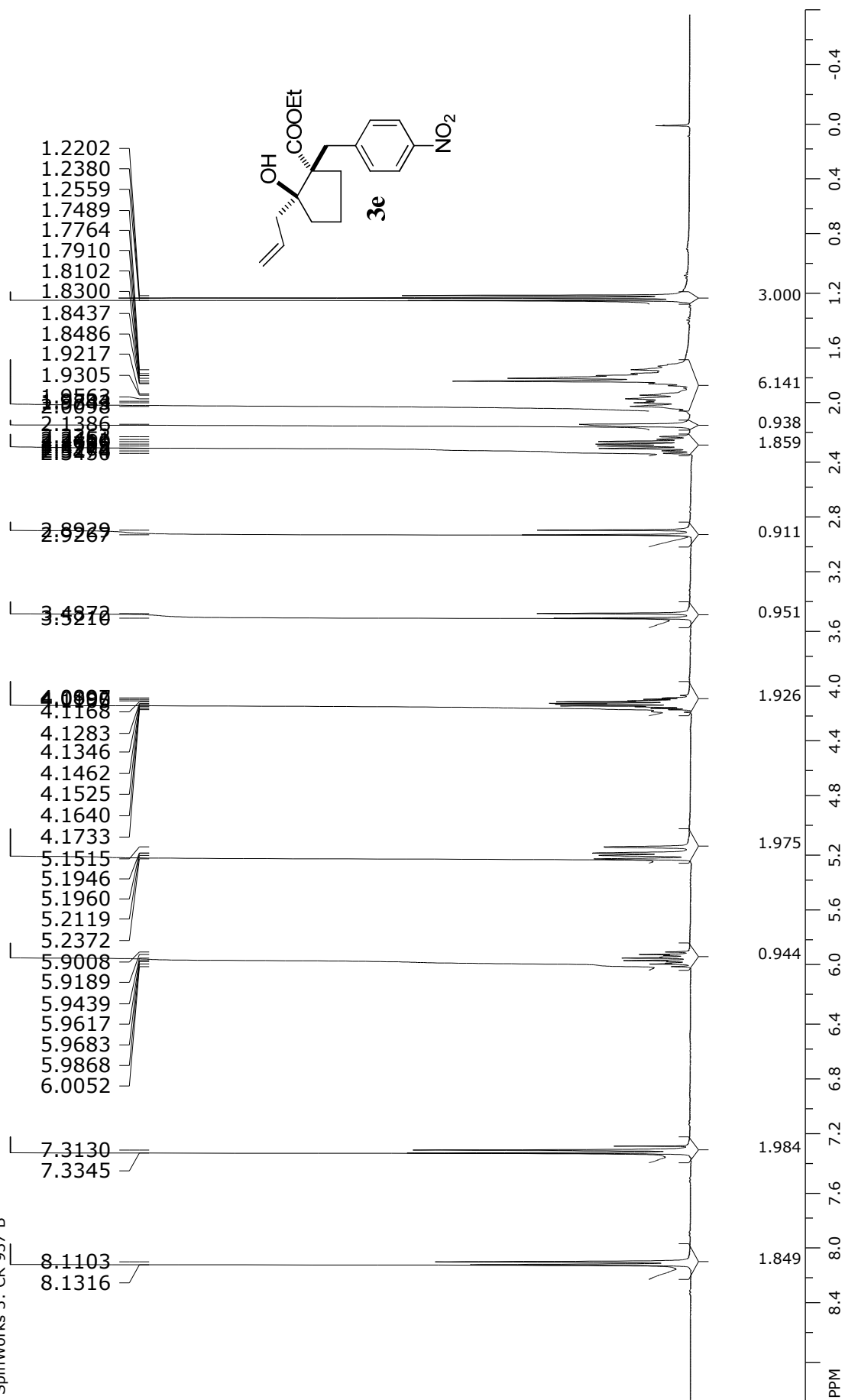


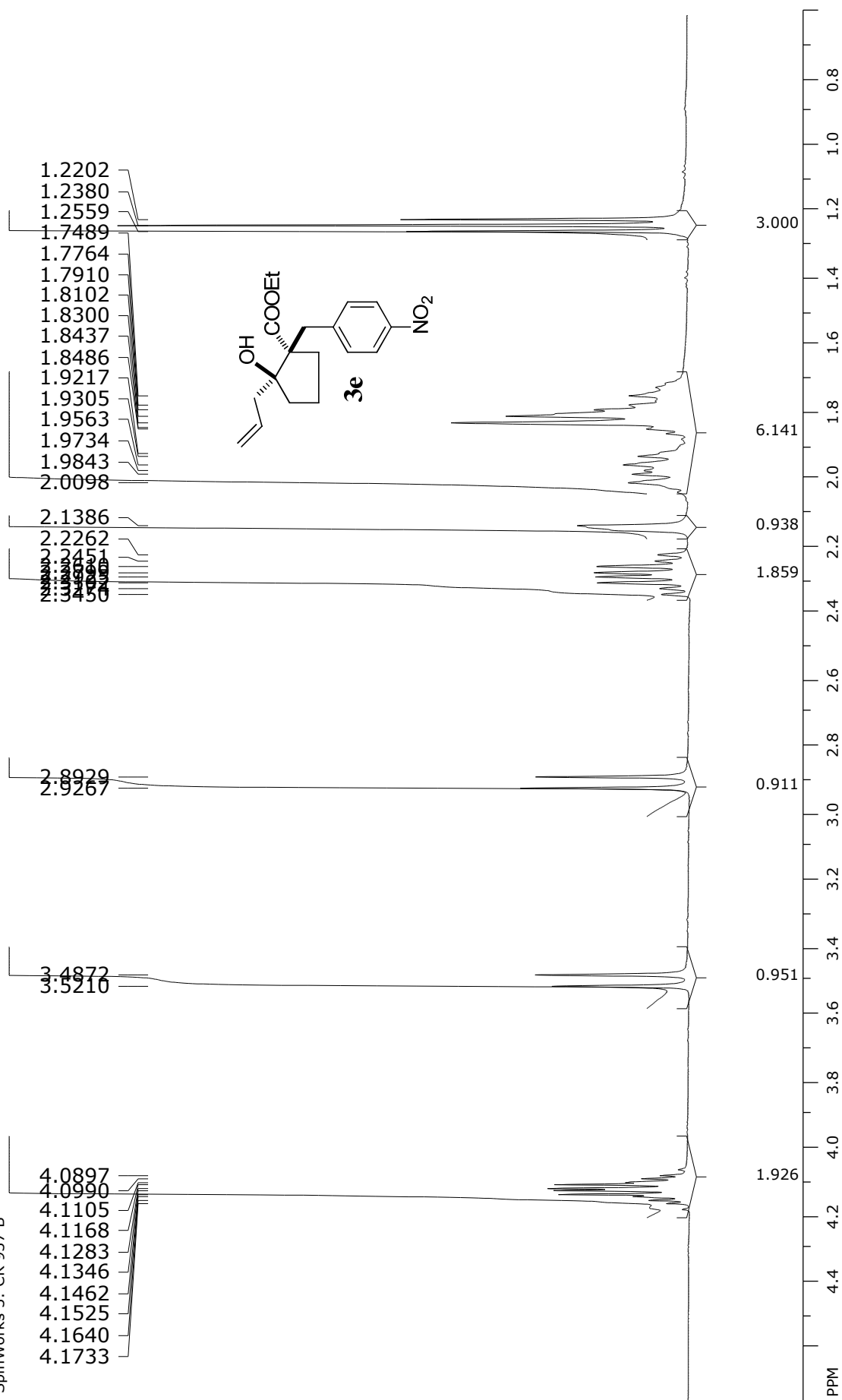
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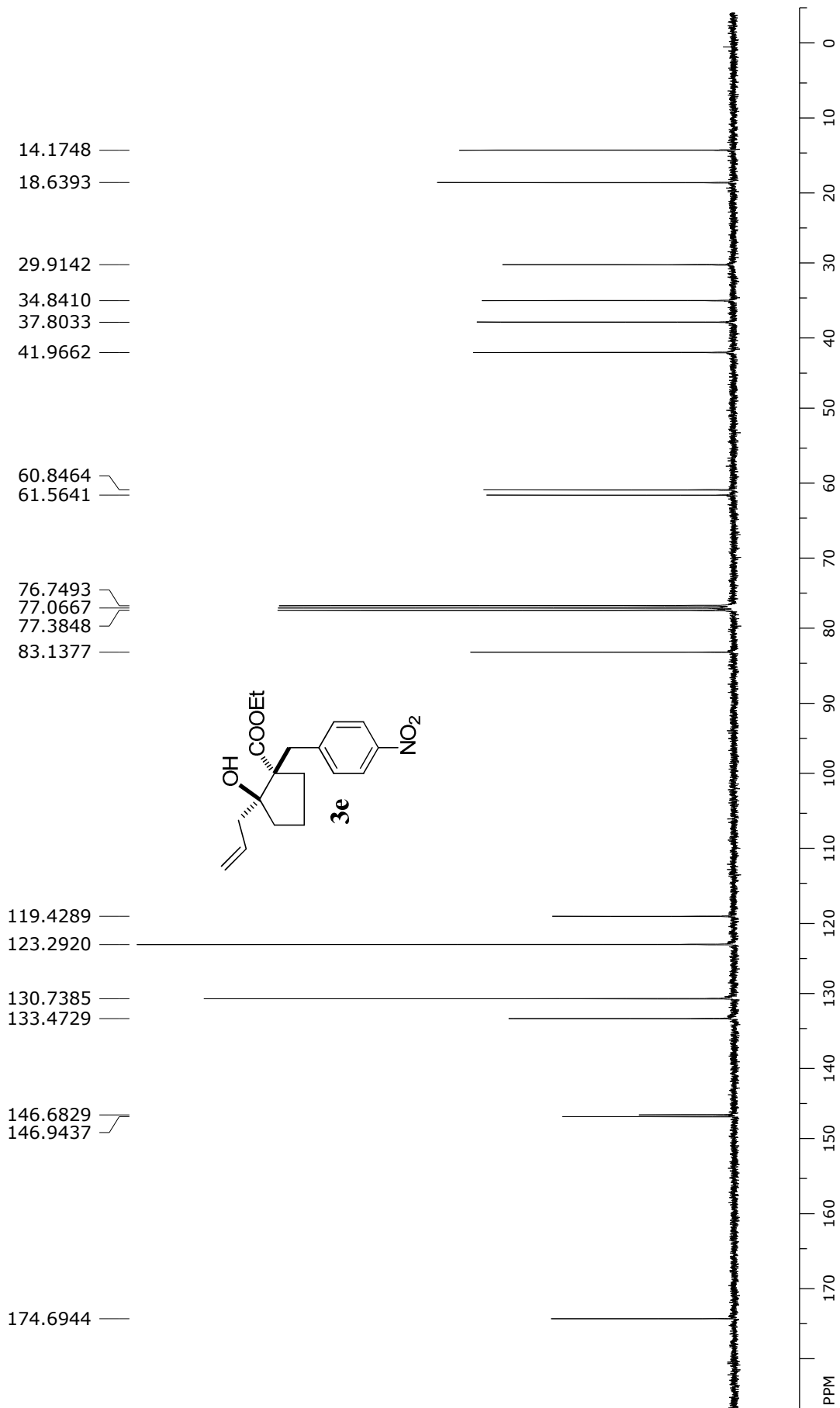


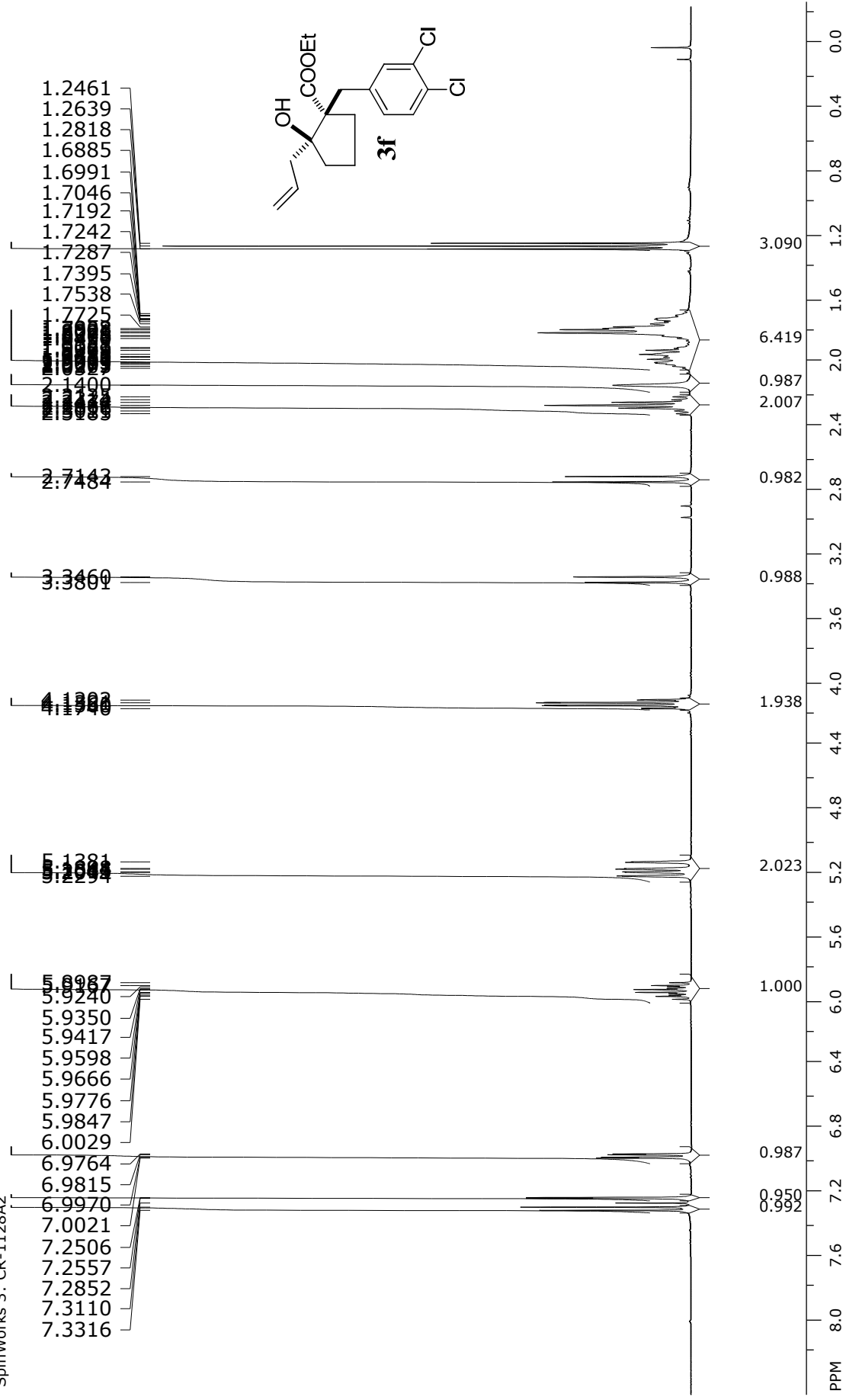


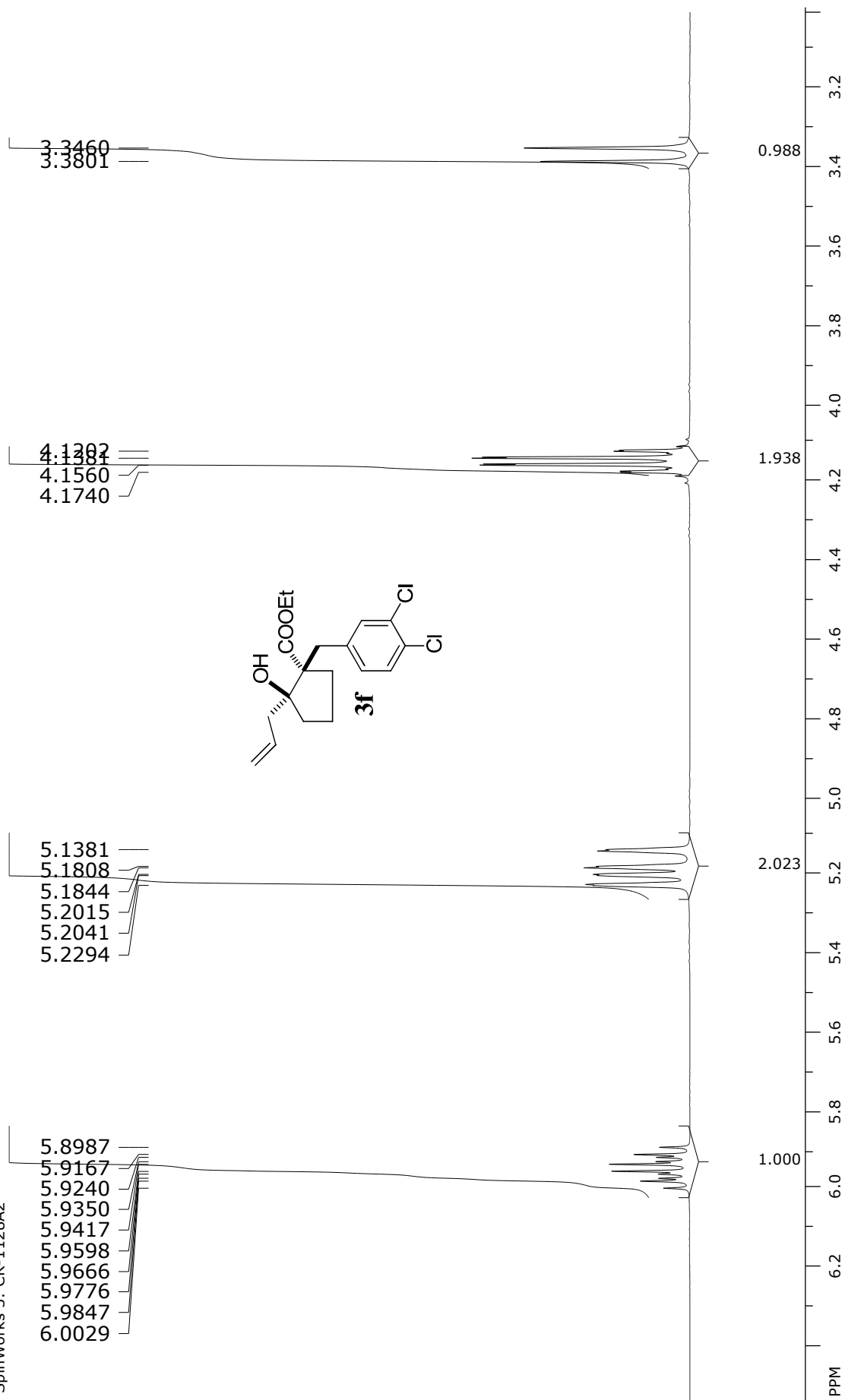


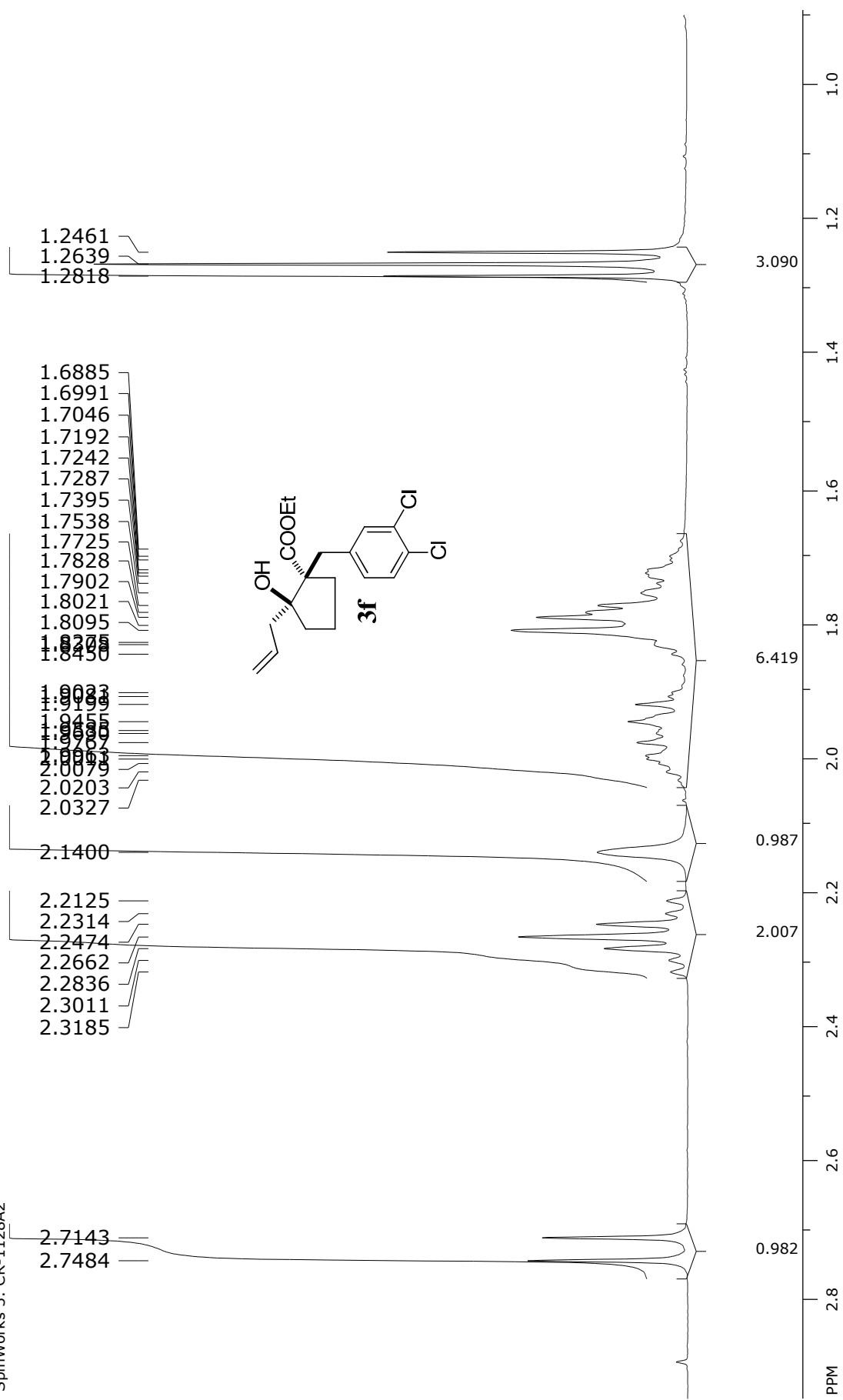


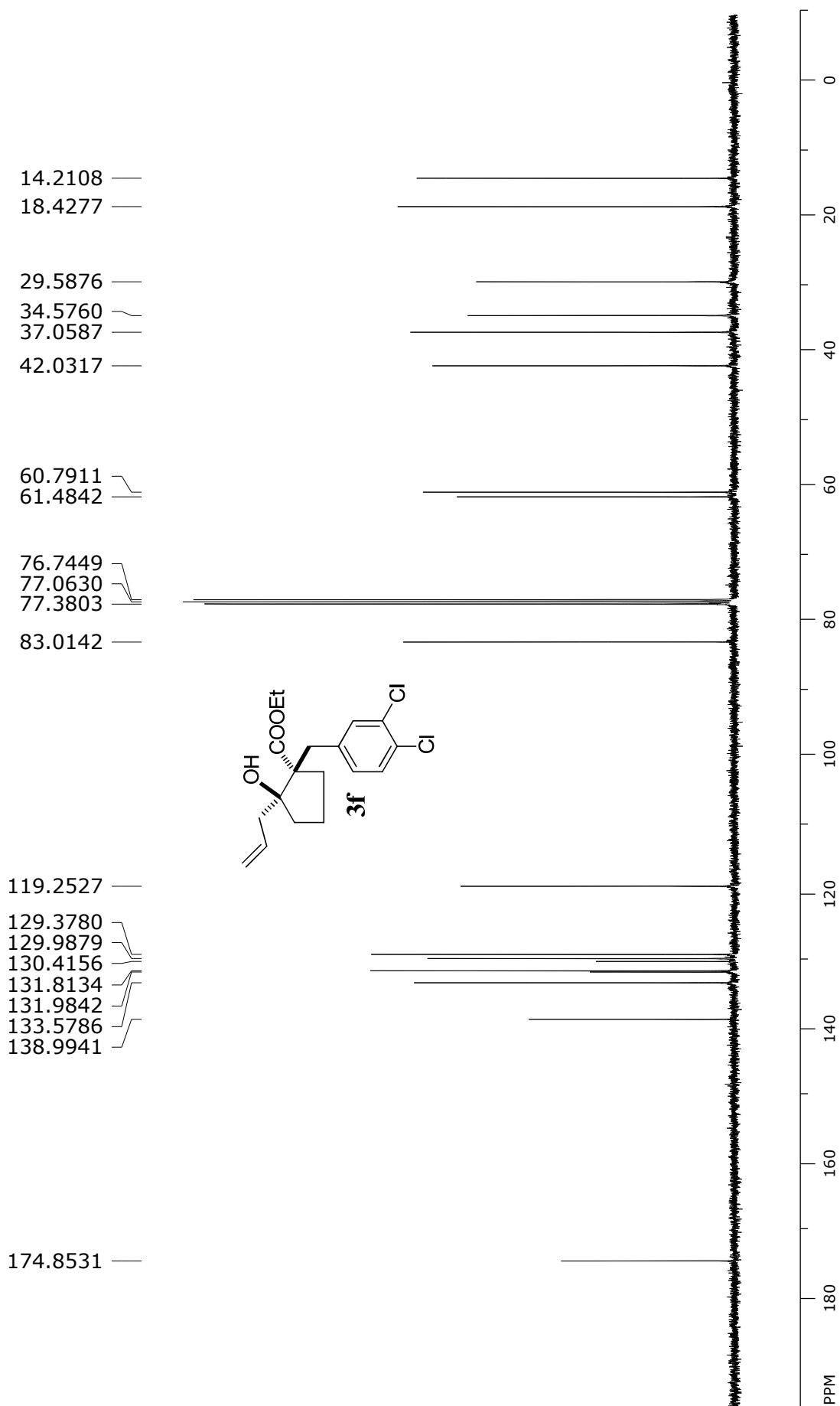


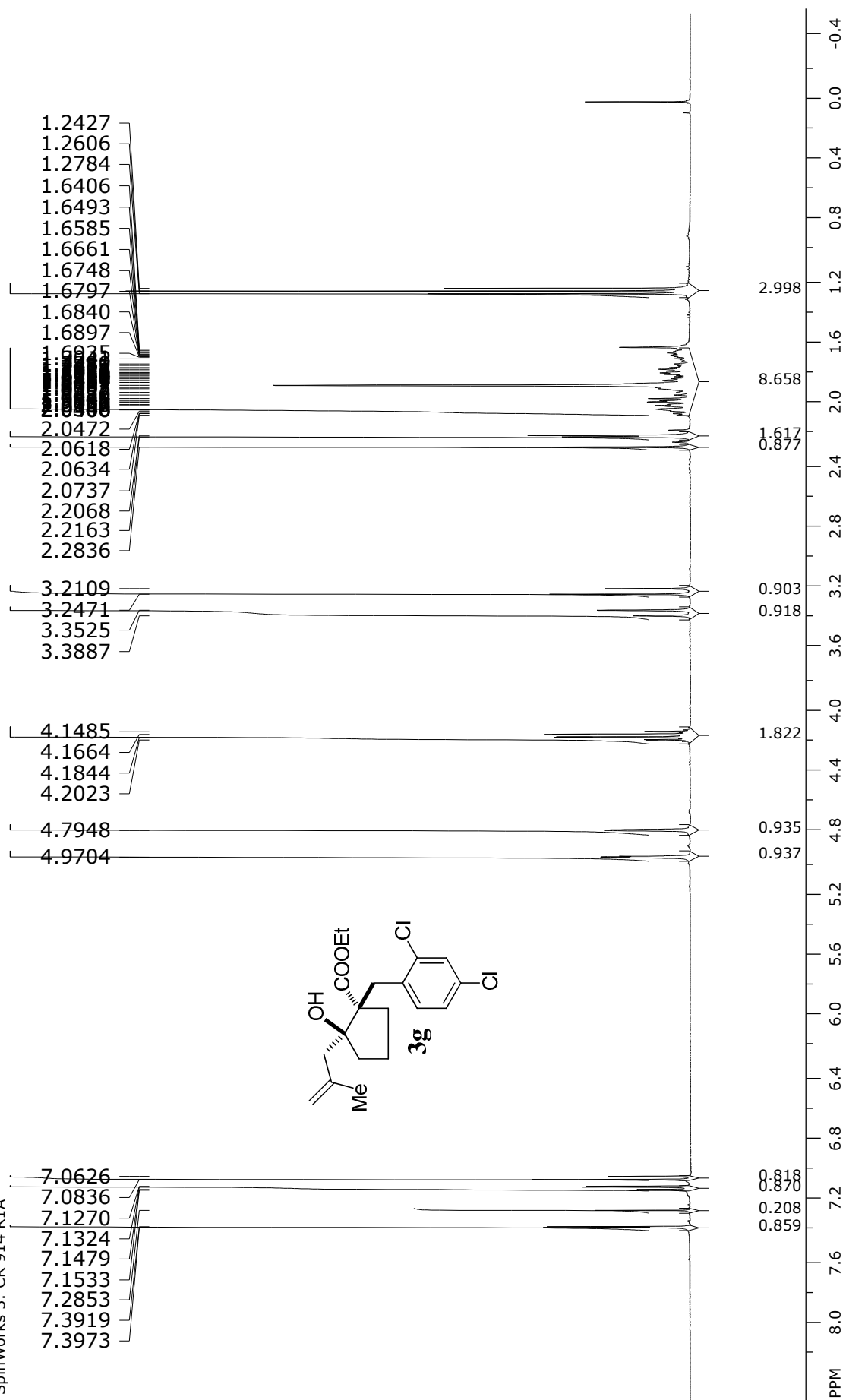


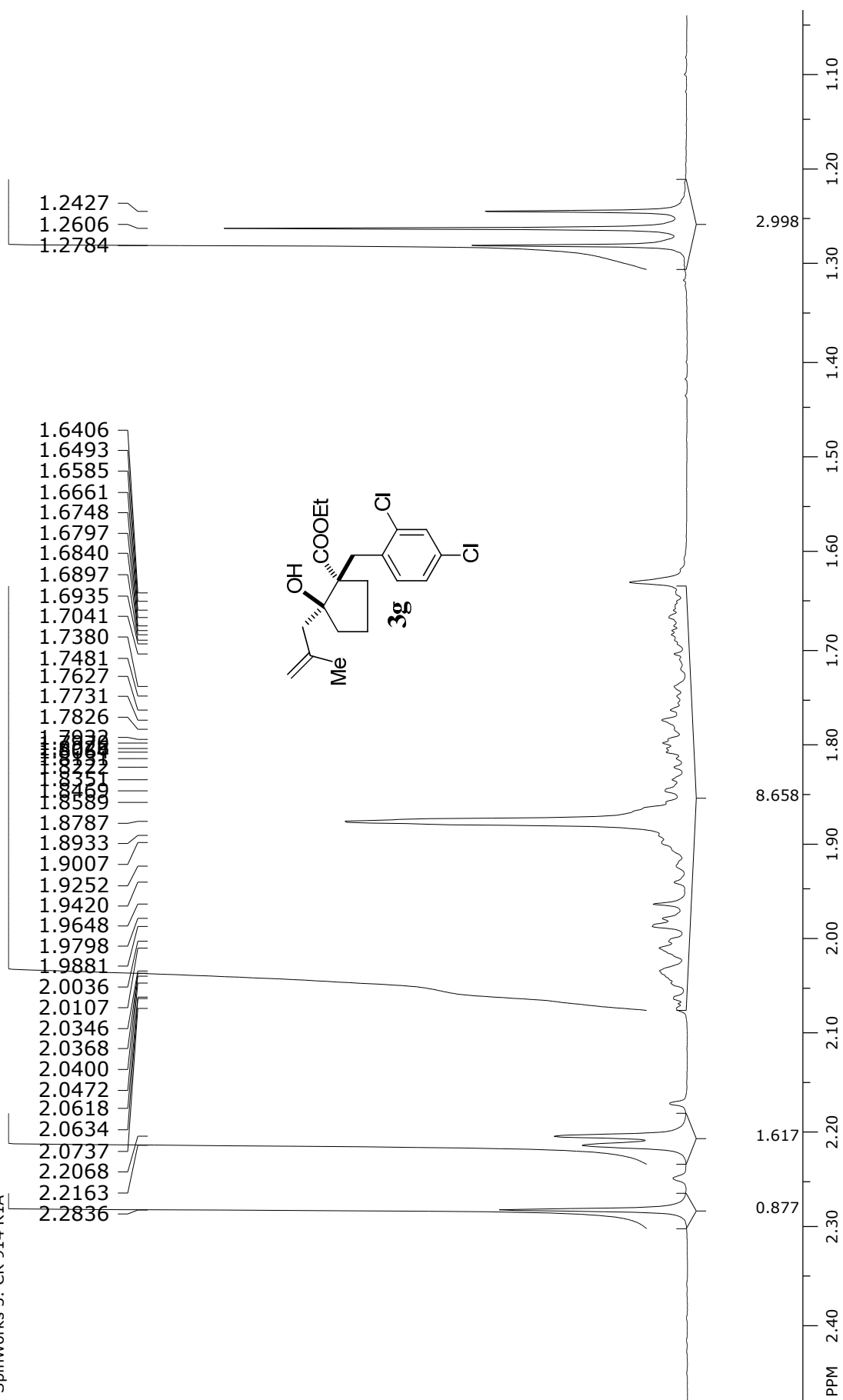


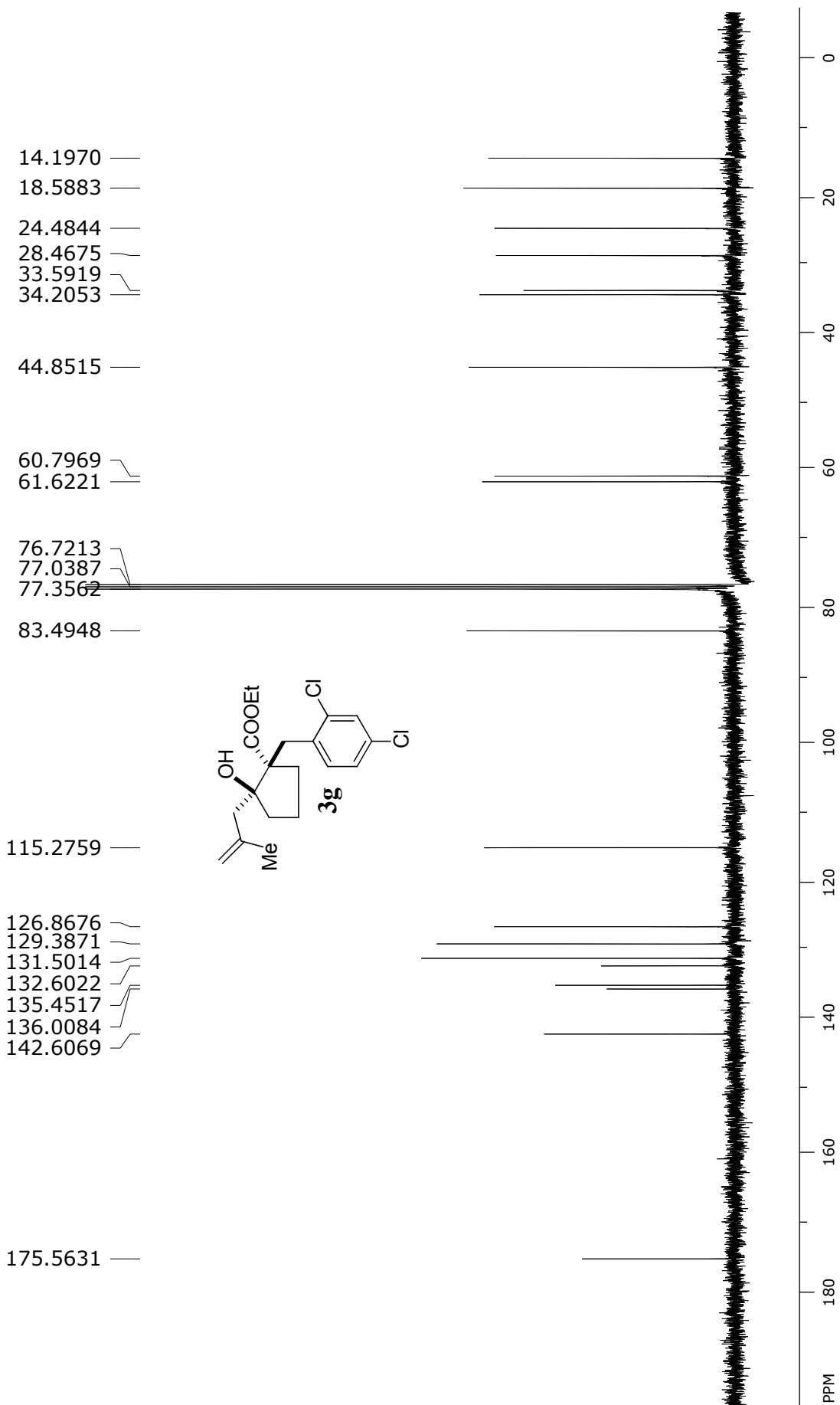




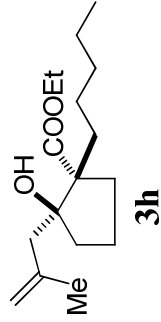
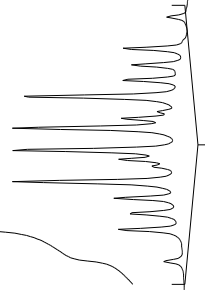








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4.1195
4.1280
4.1372
4.1458
4.1497
4.1551
4.1675
4.1728
4.1766
4.1853
4.1946
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4.2124
4.2303

**3h**

2.047

PPM

4.50

4.40

4.30

4.20

4.10

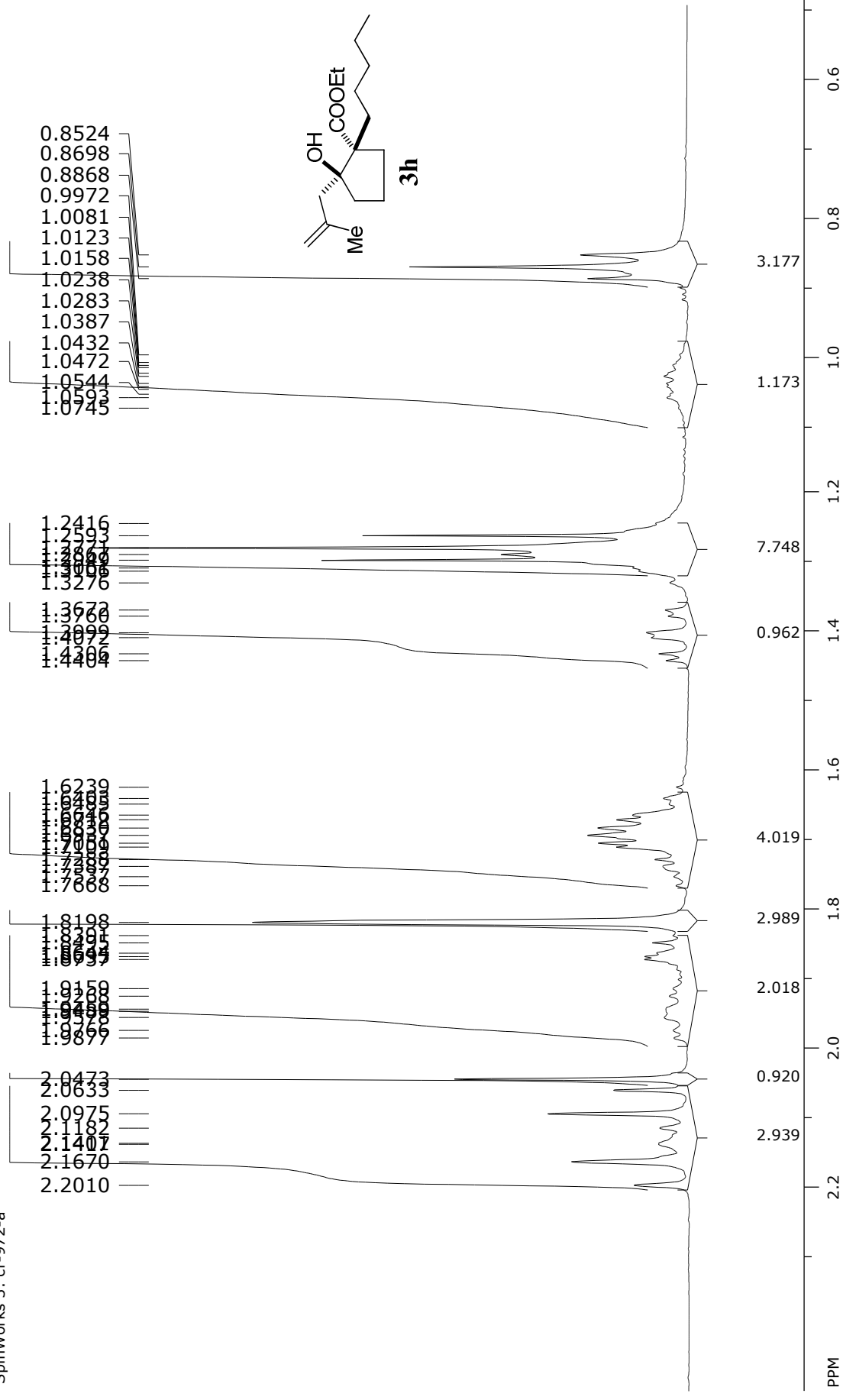
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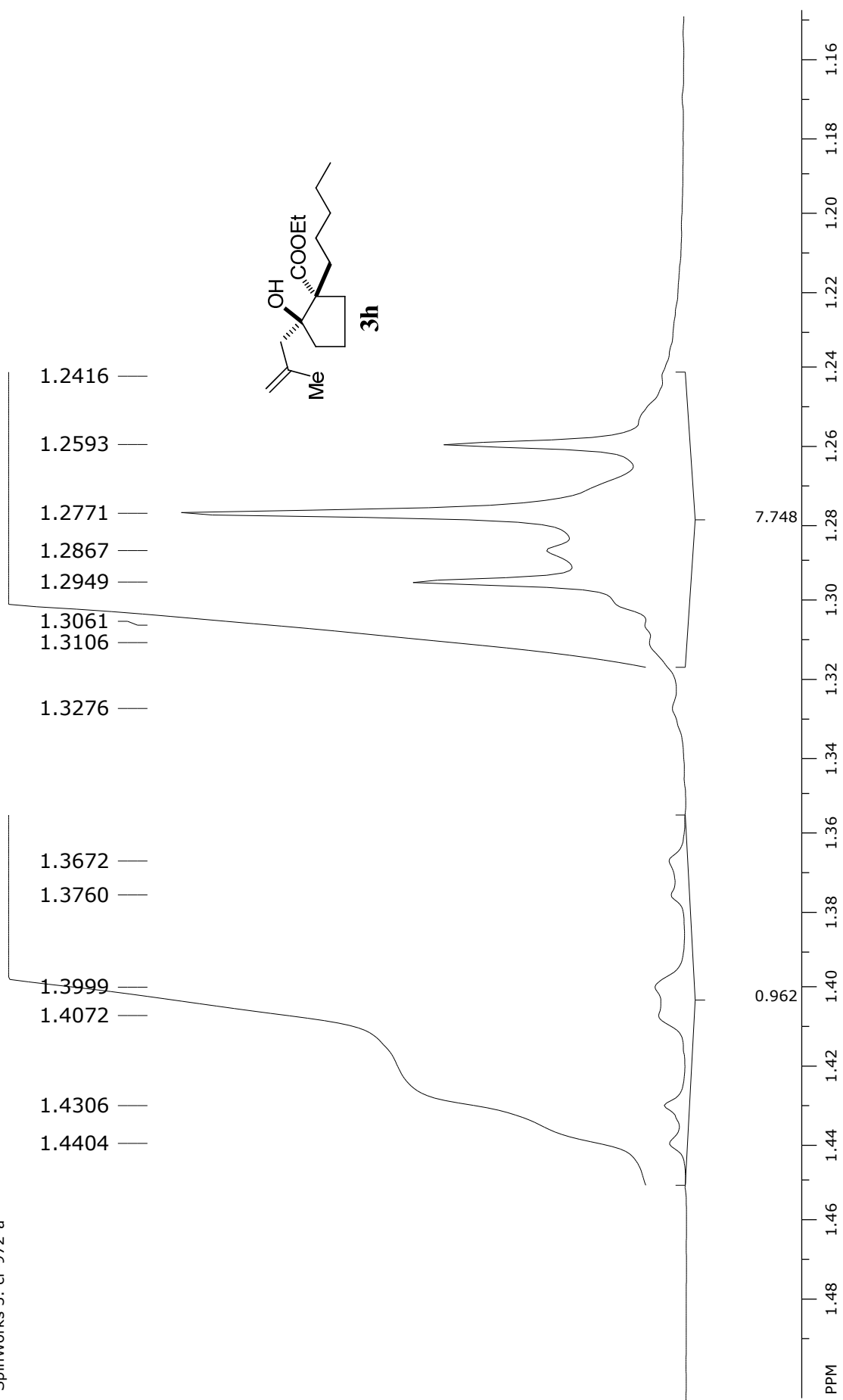
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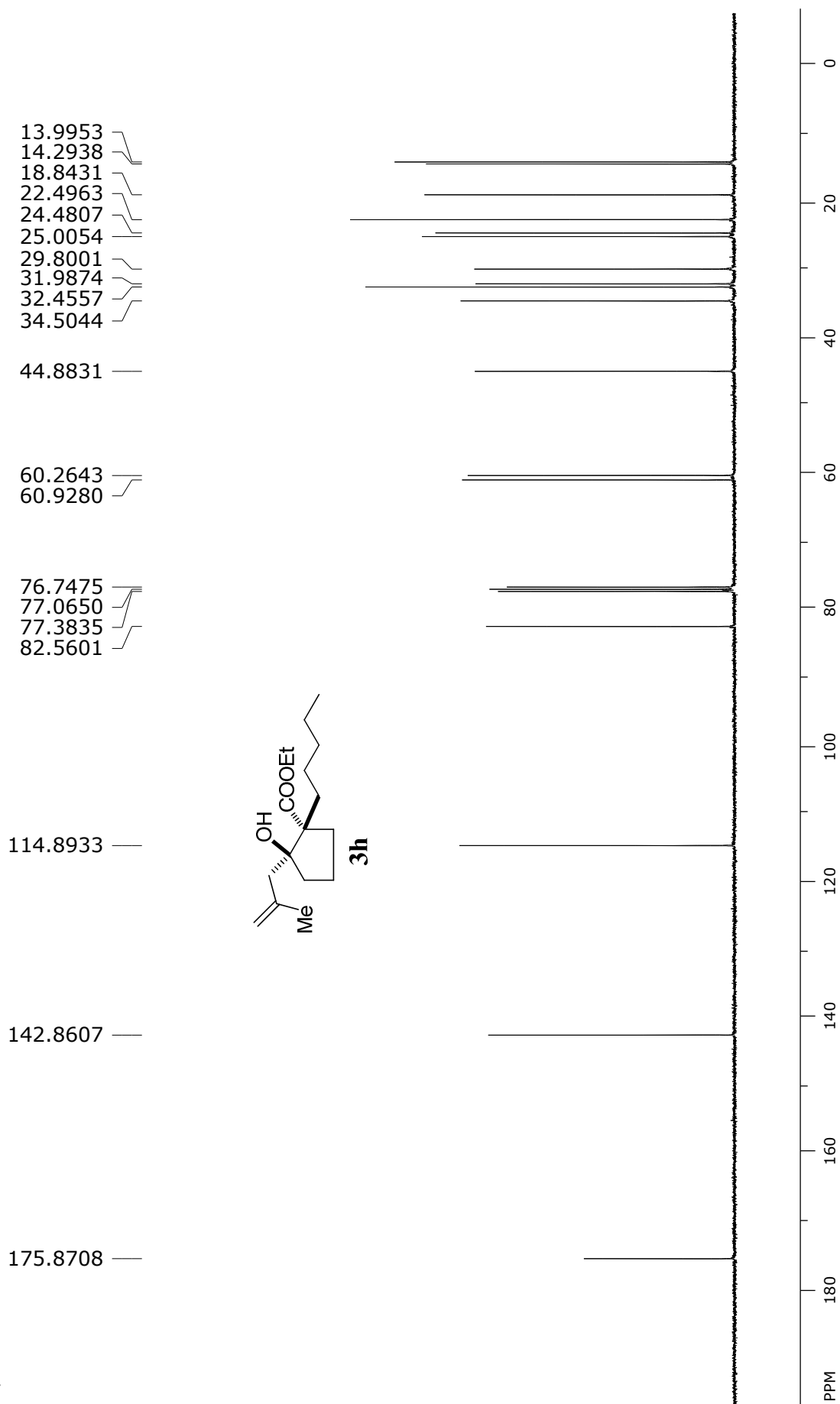
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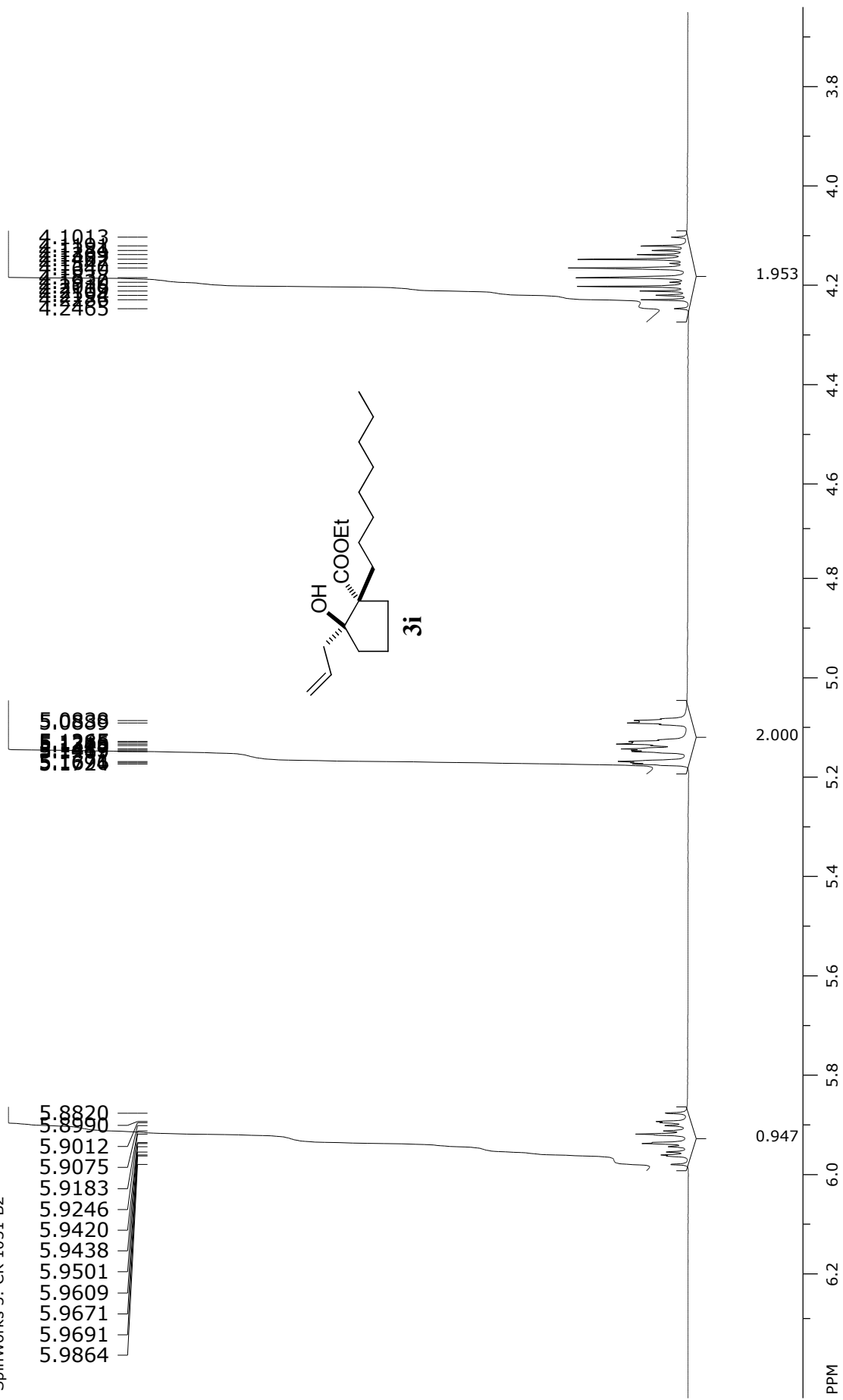
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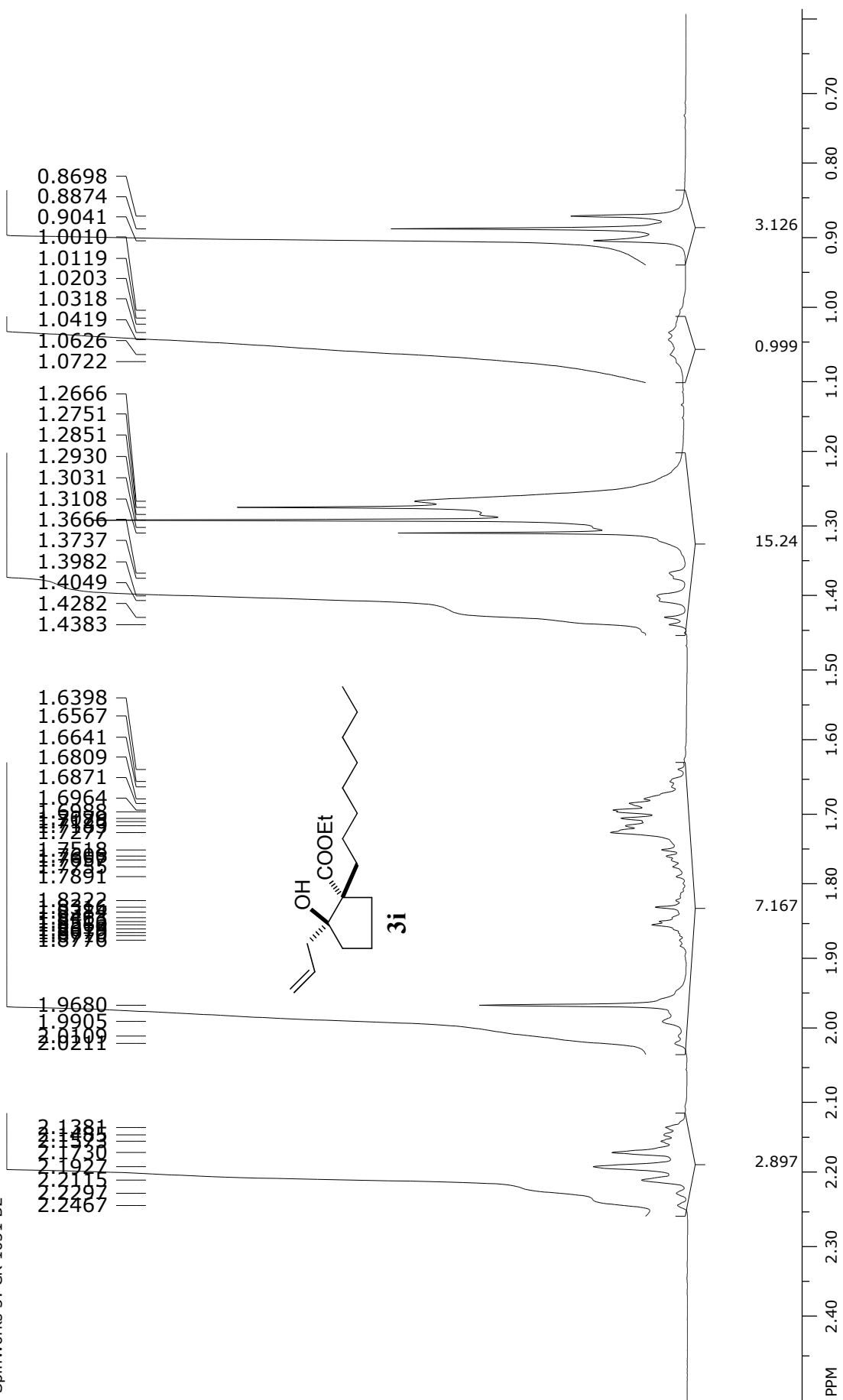
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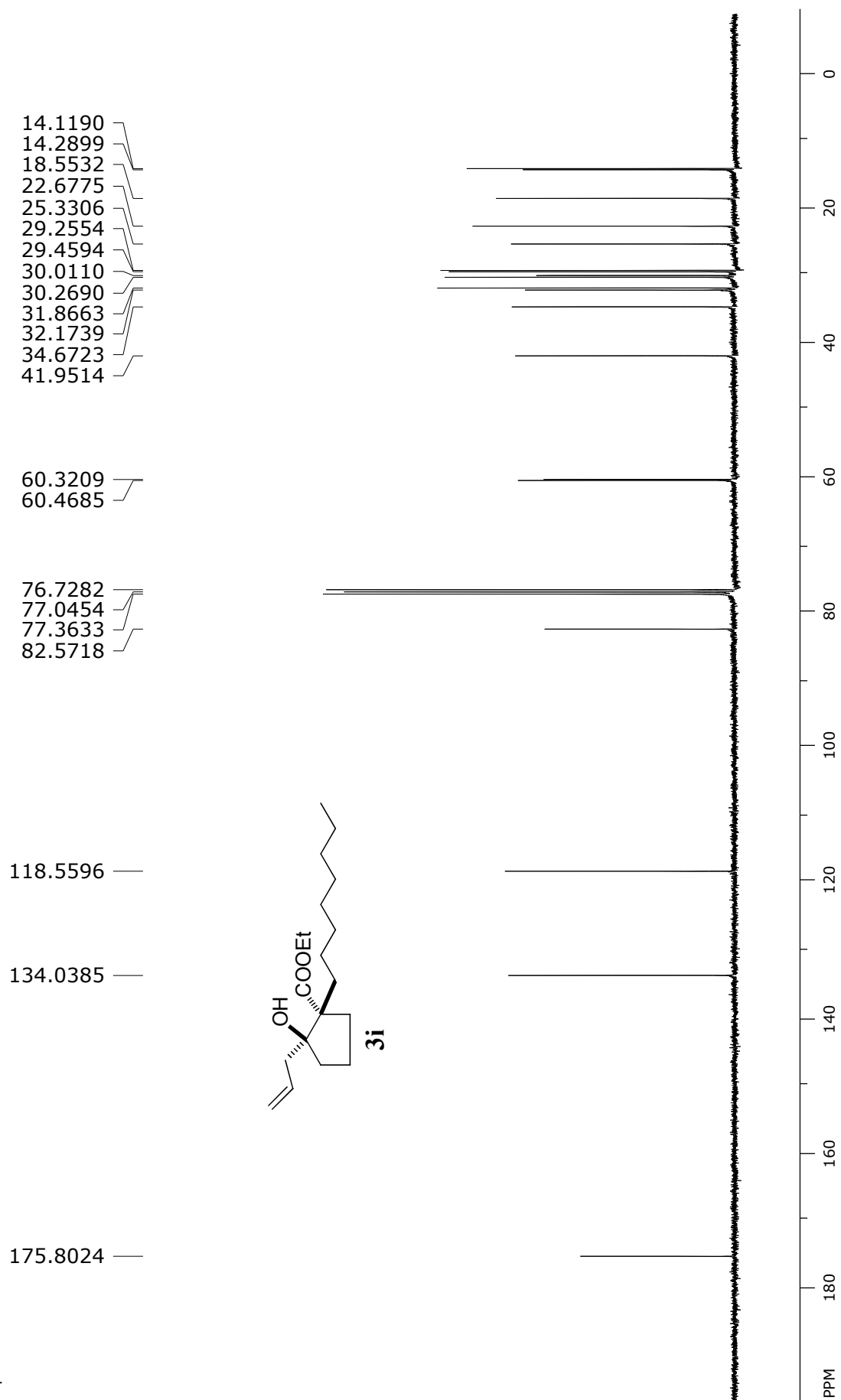


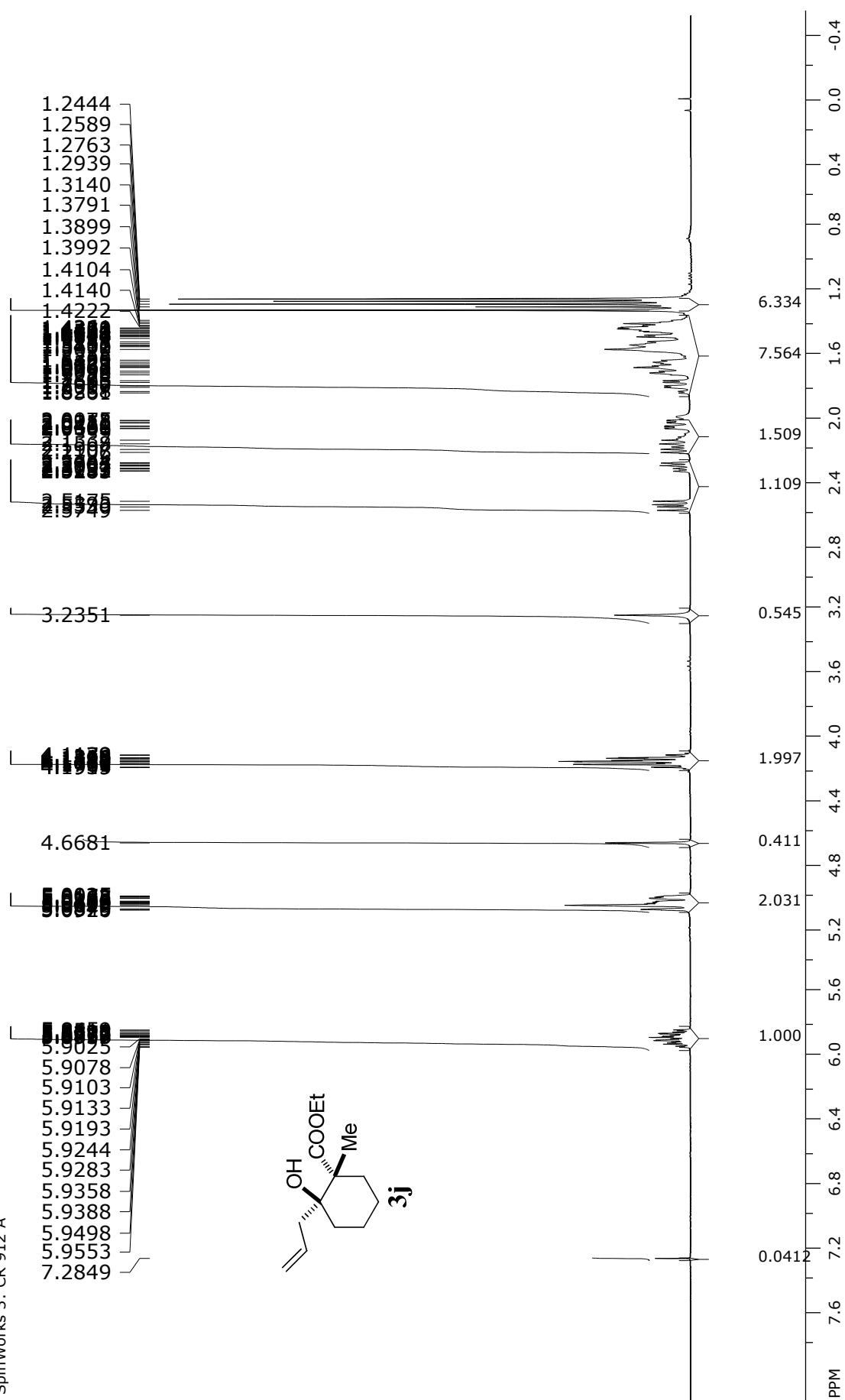
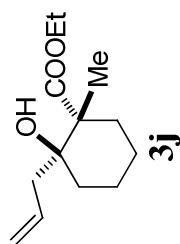




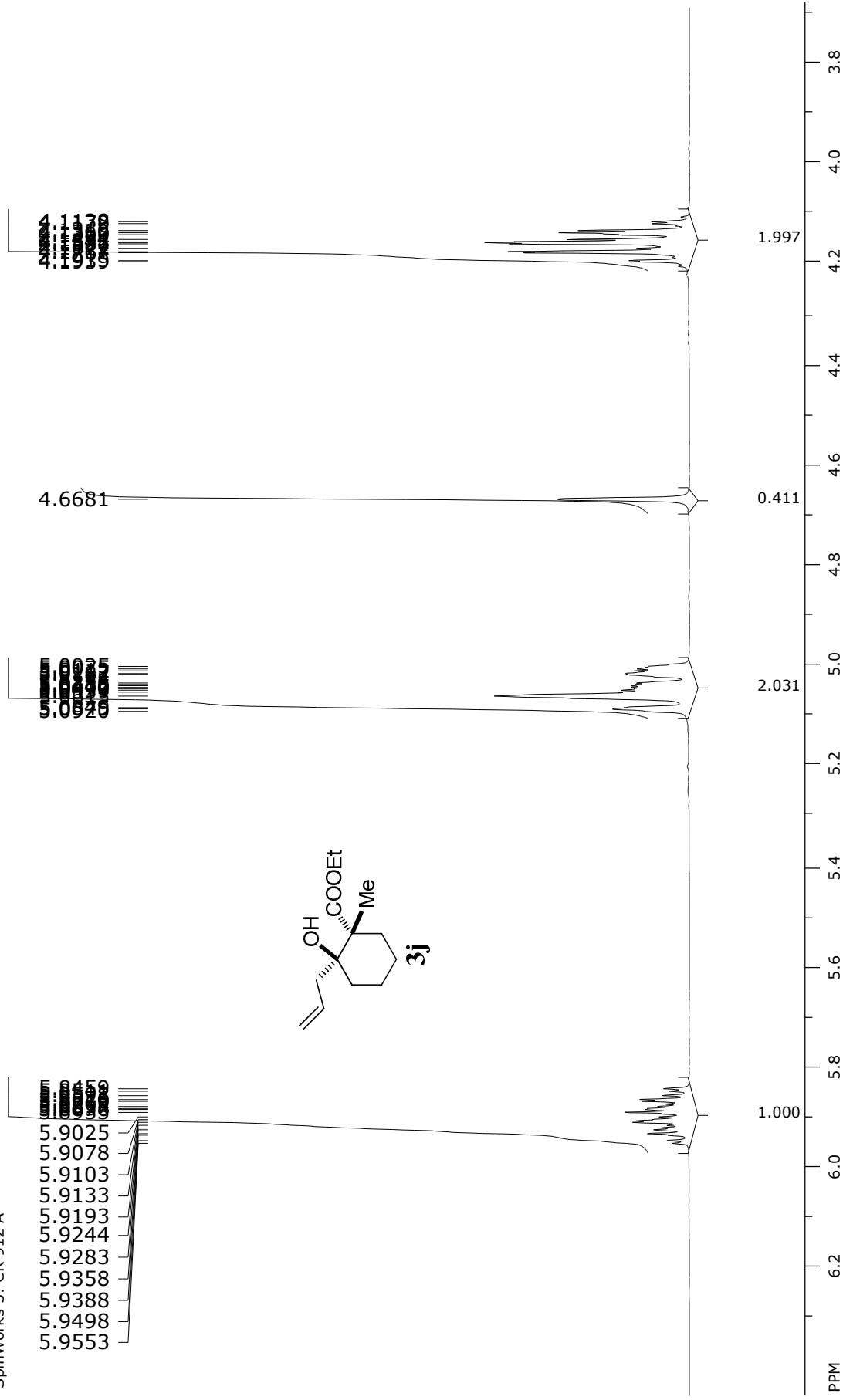


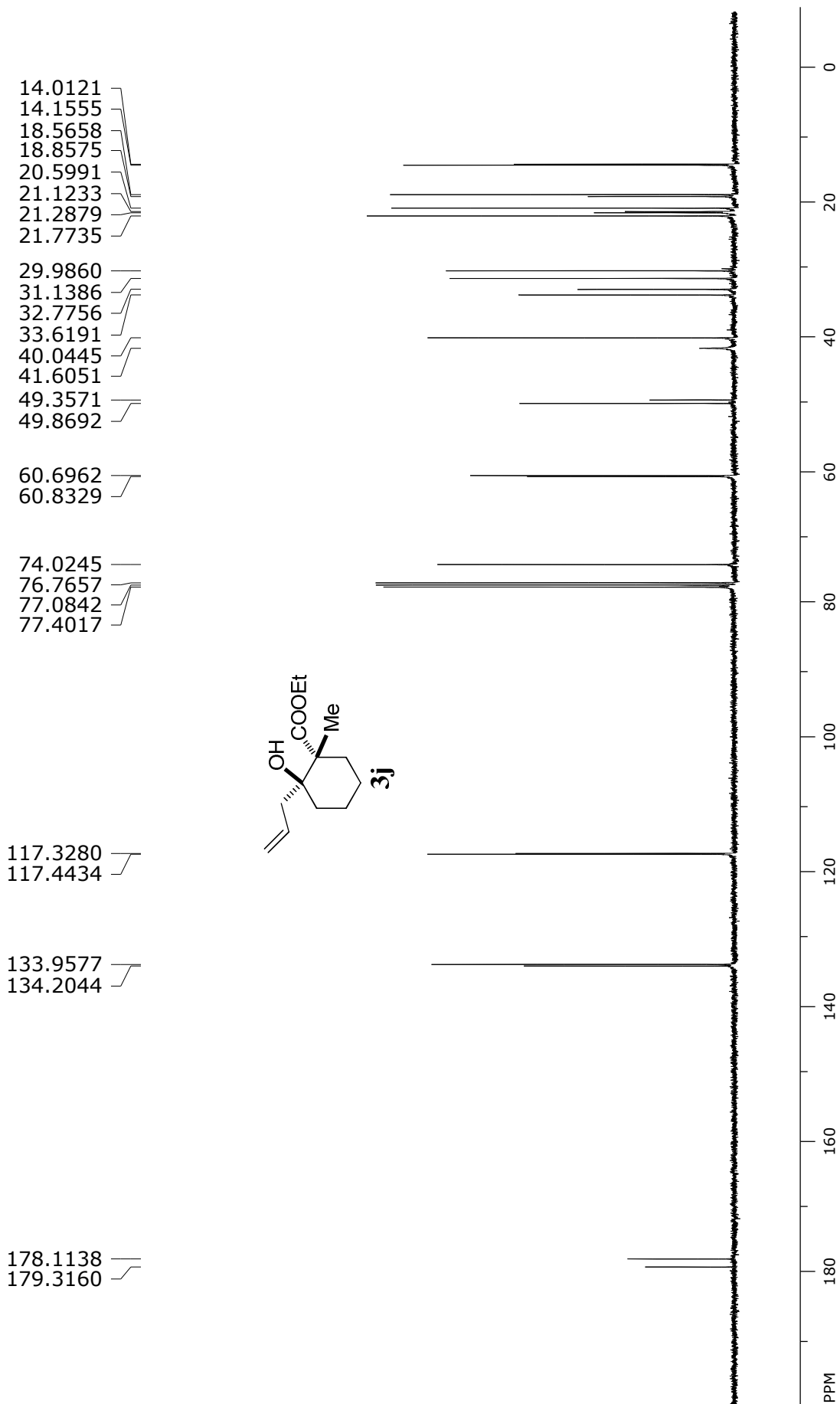


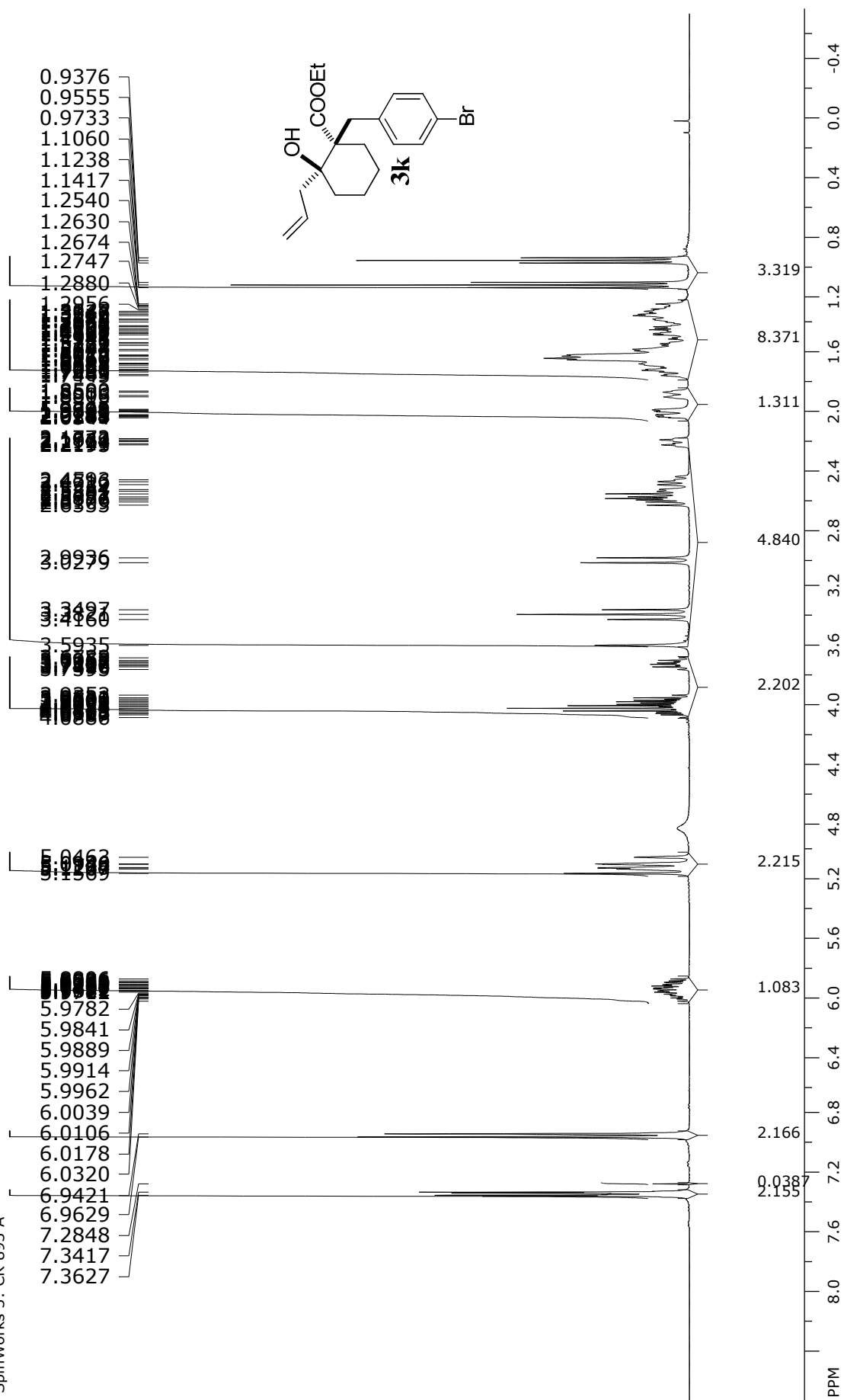


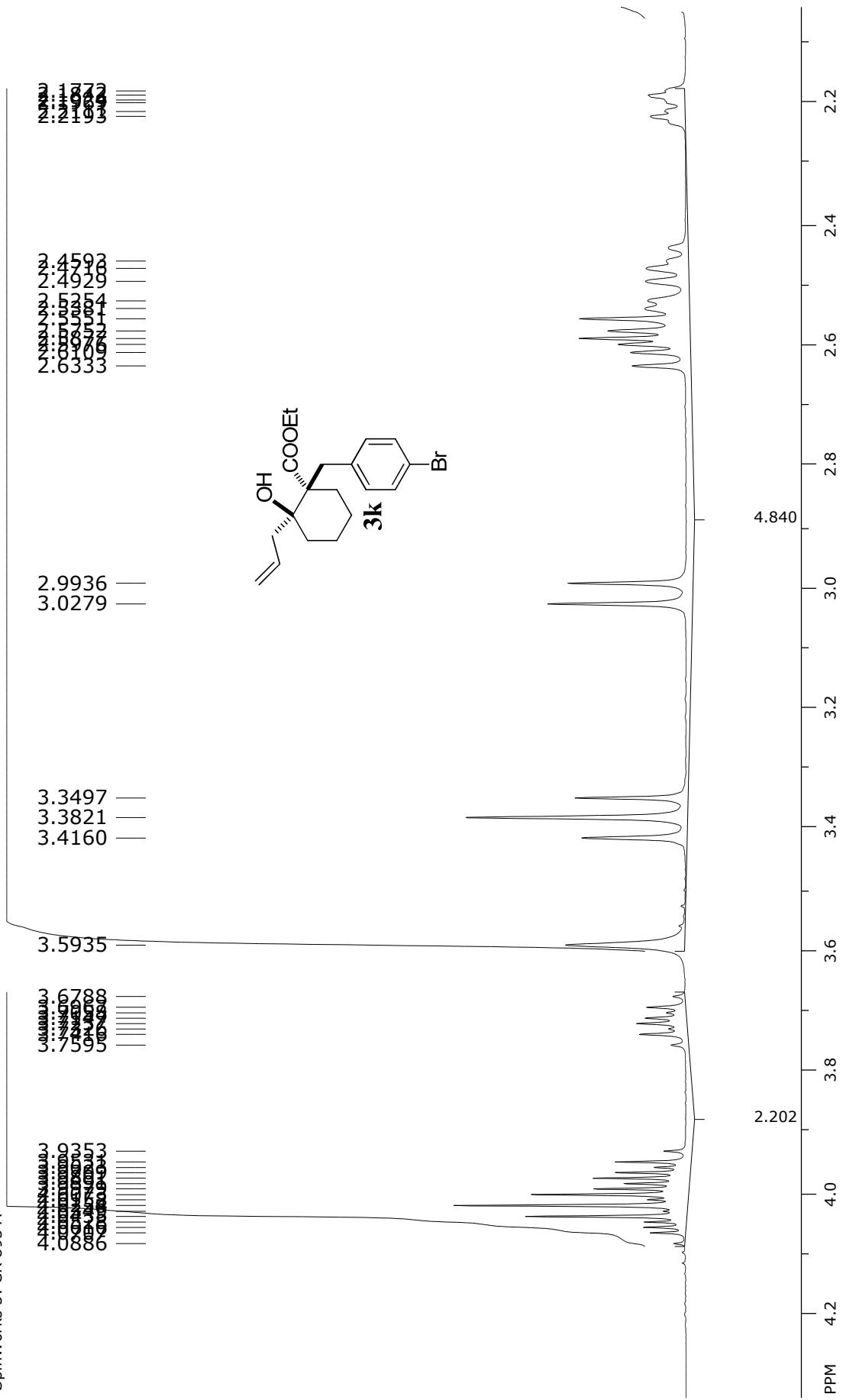


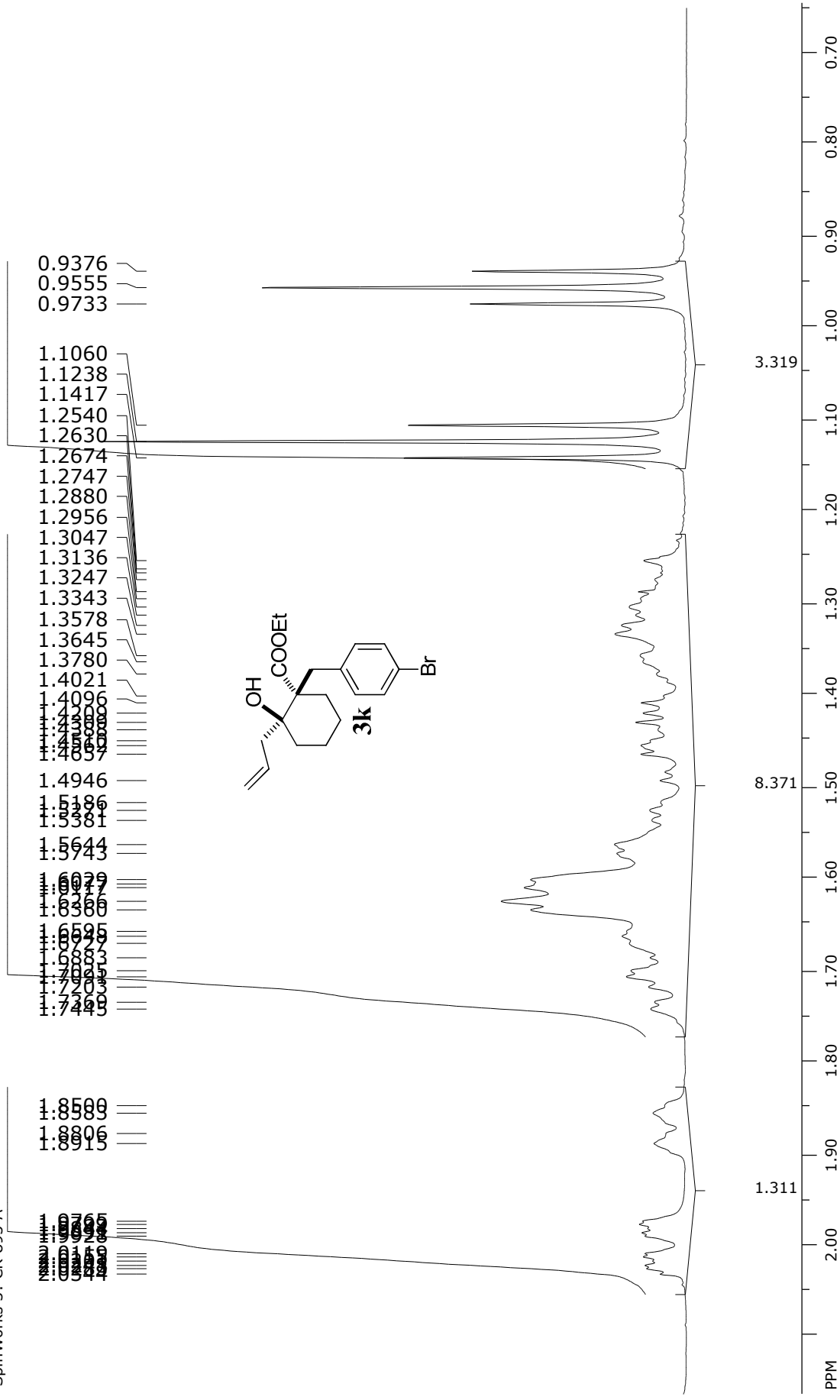
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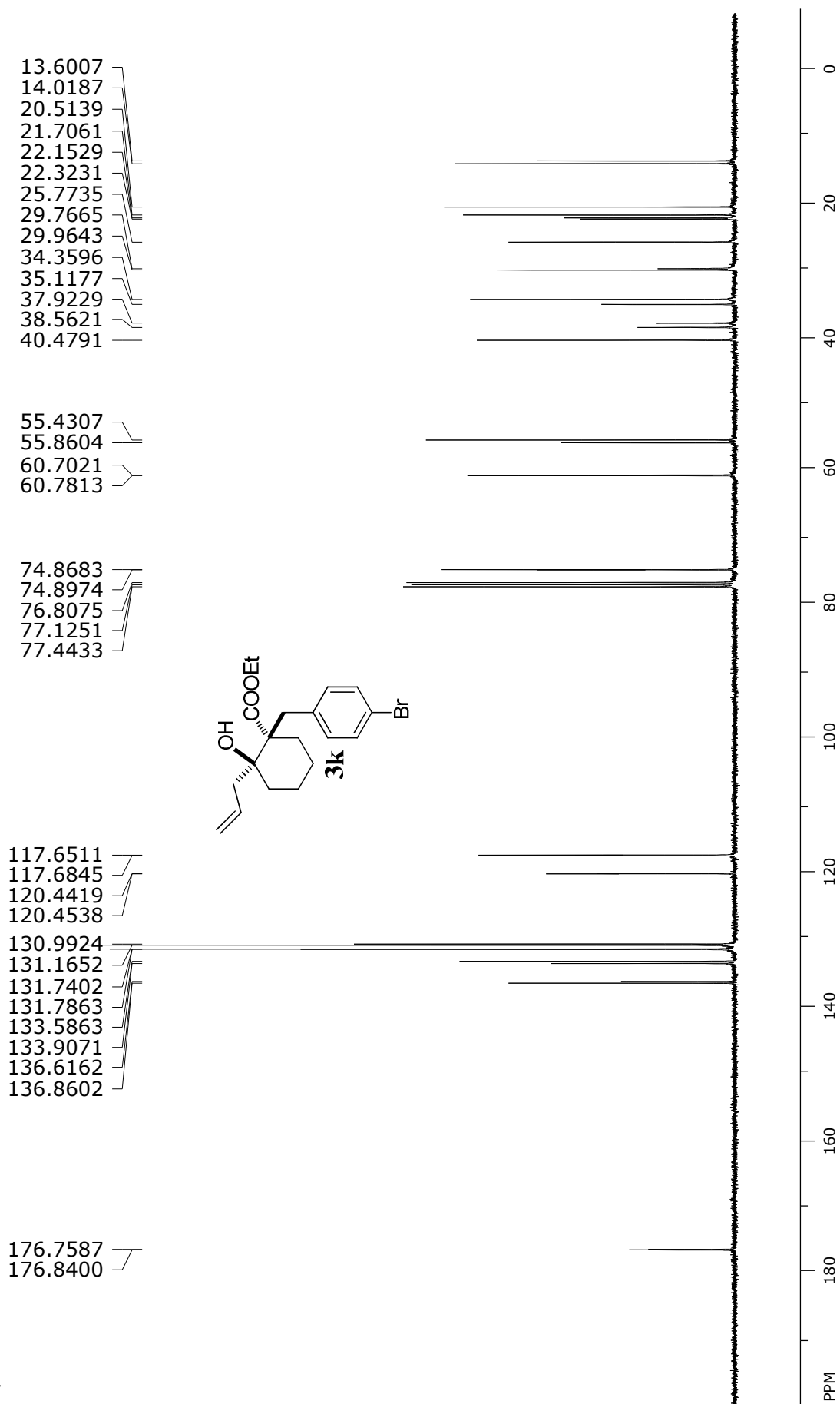


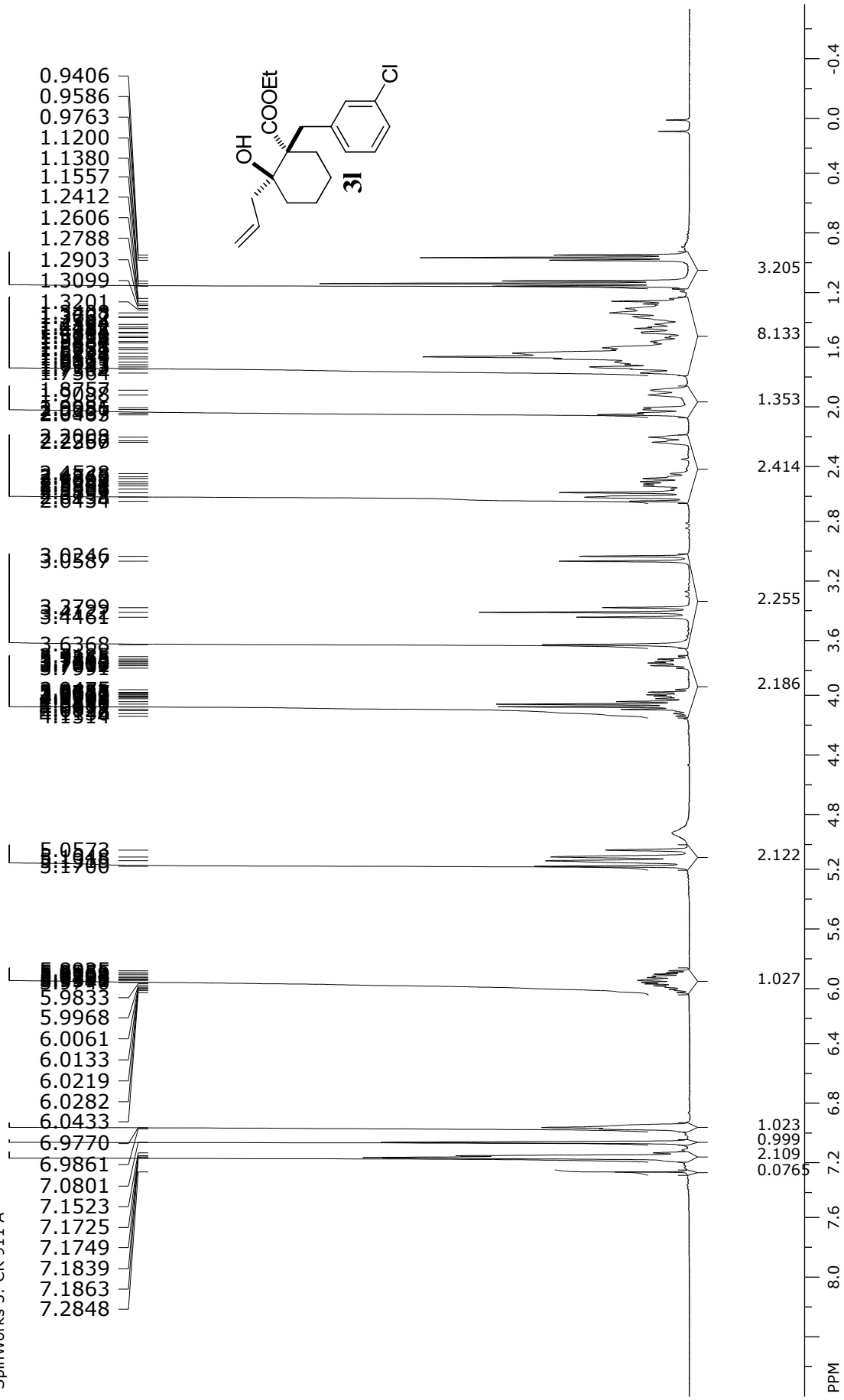


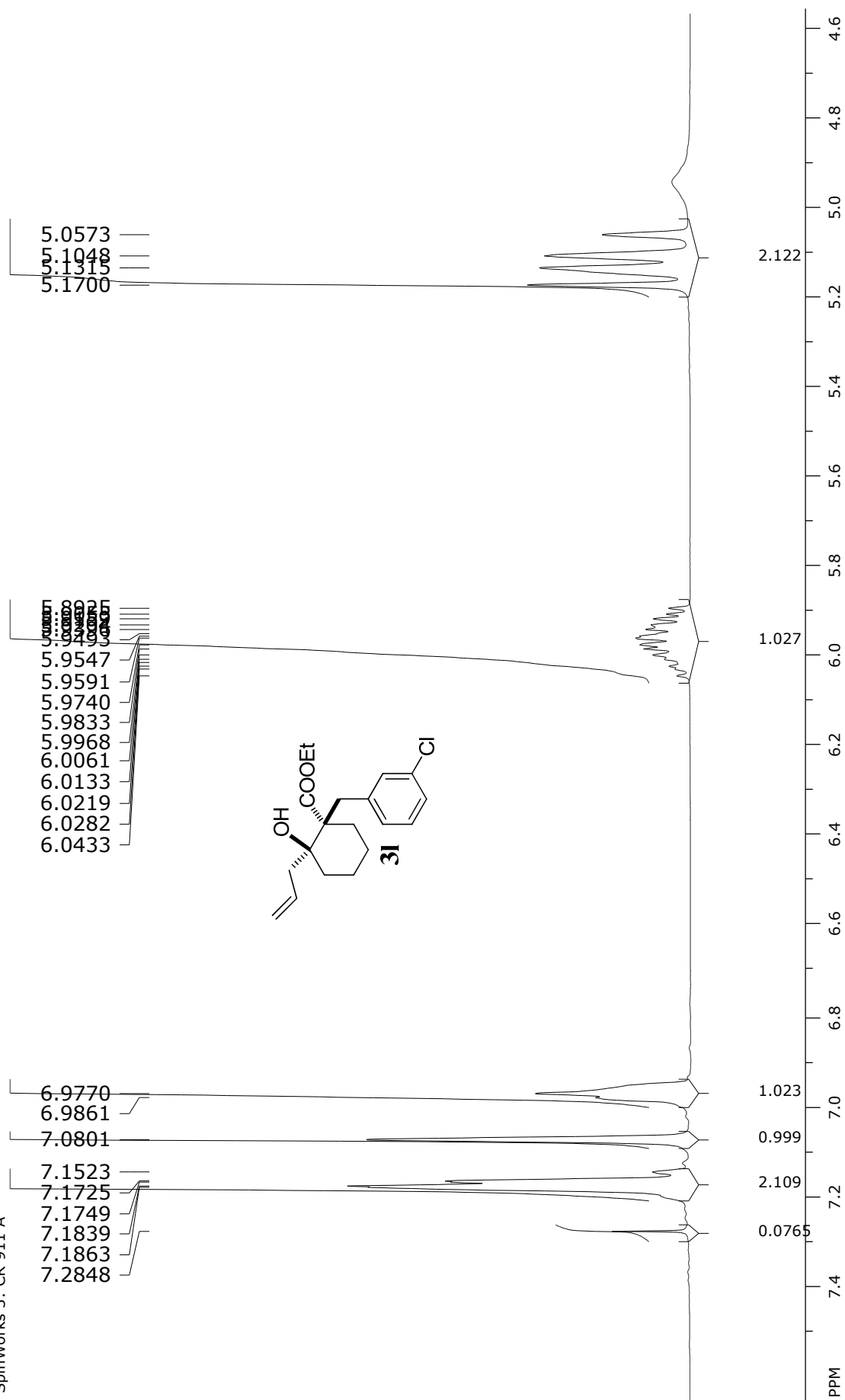


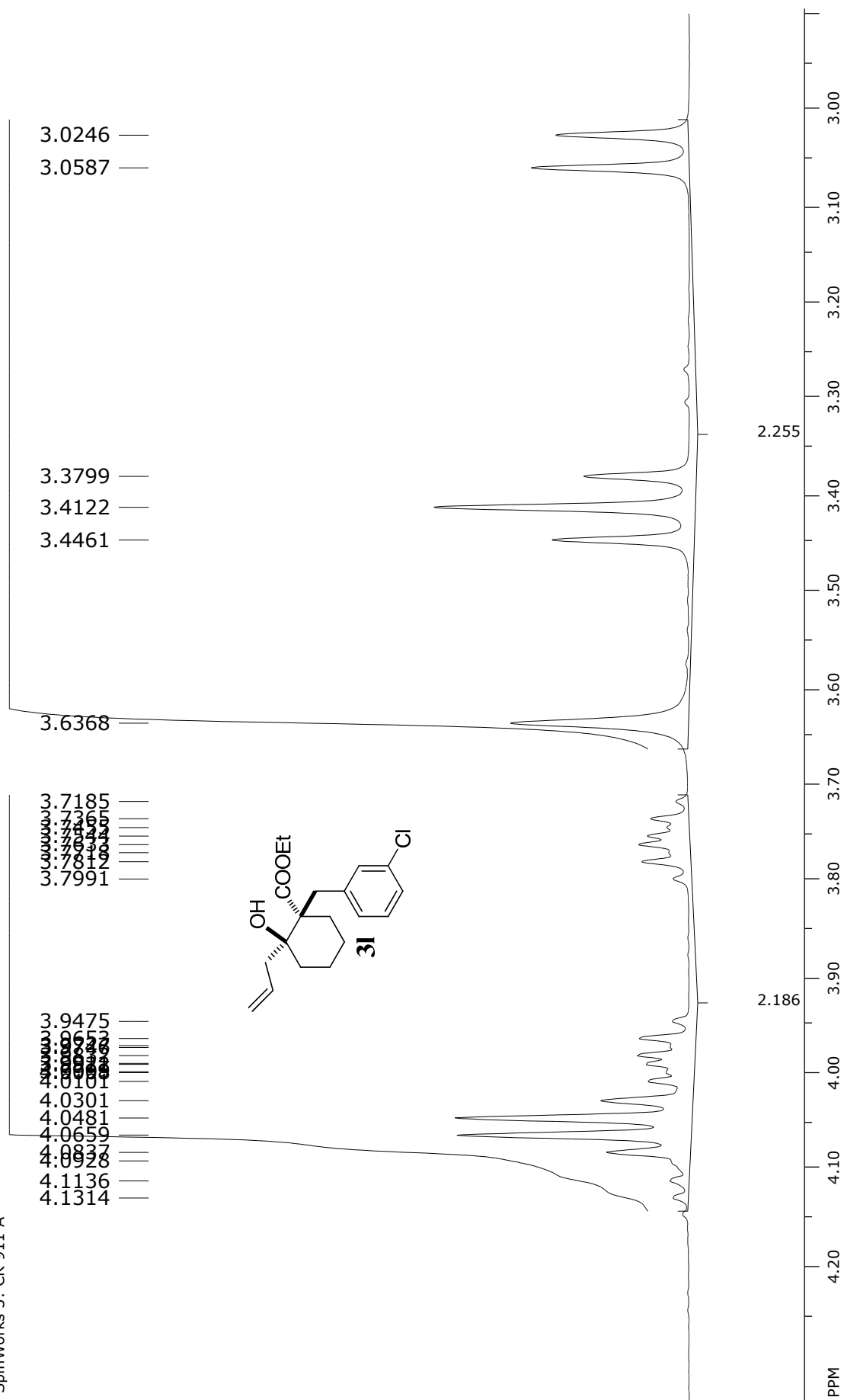










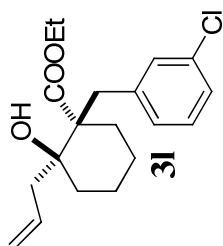


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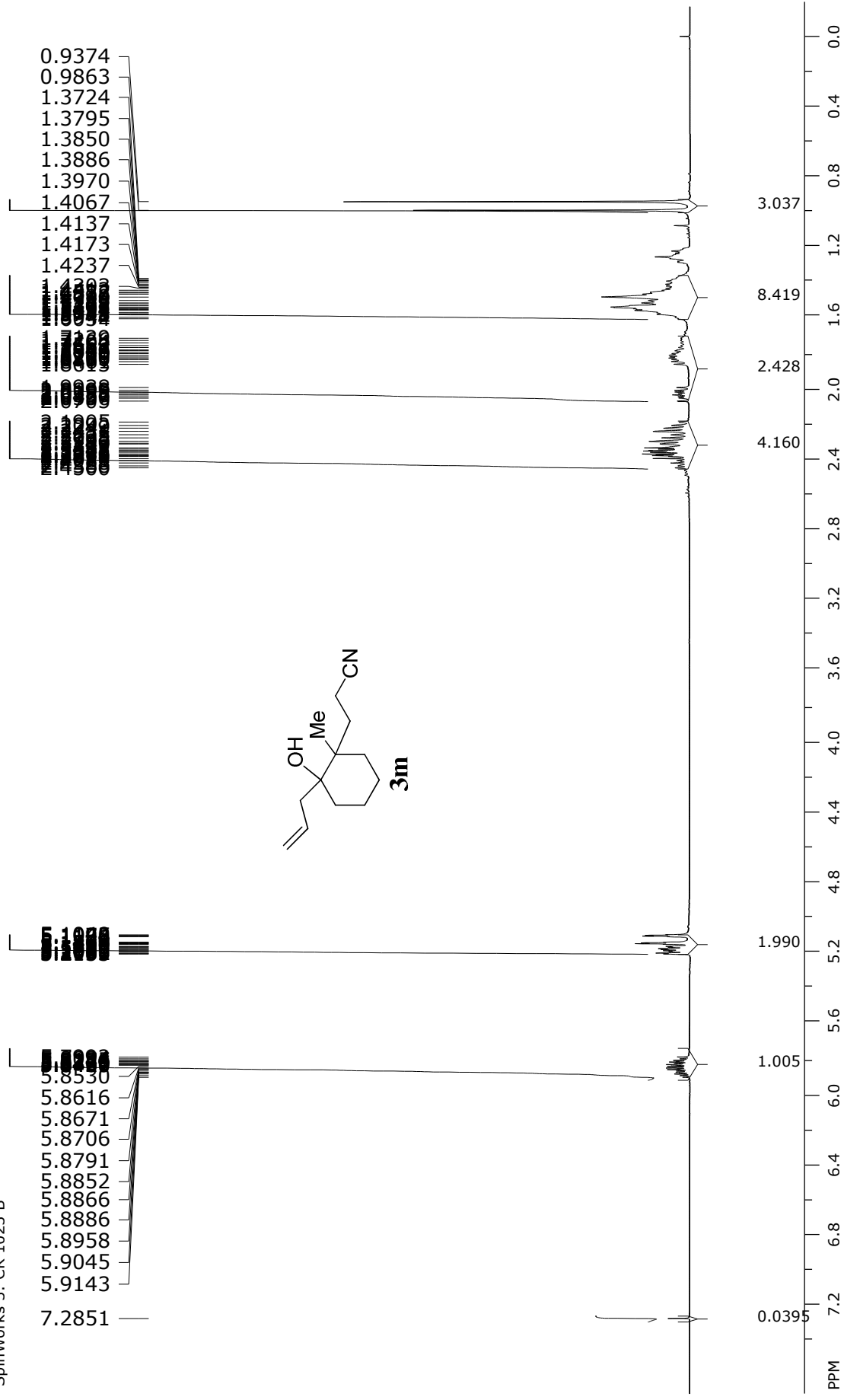
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77.4352

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126.6767
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128.3275
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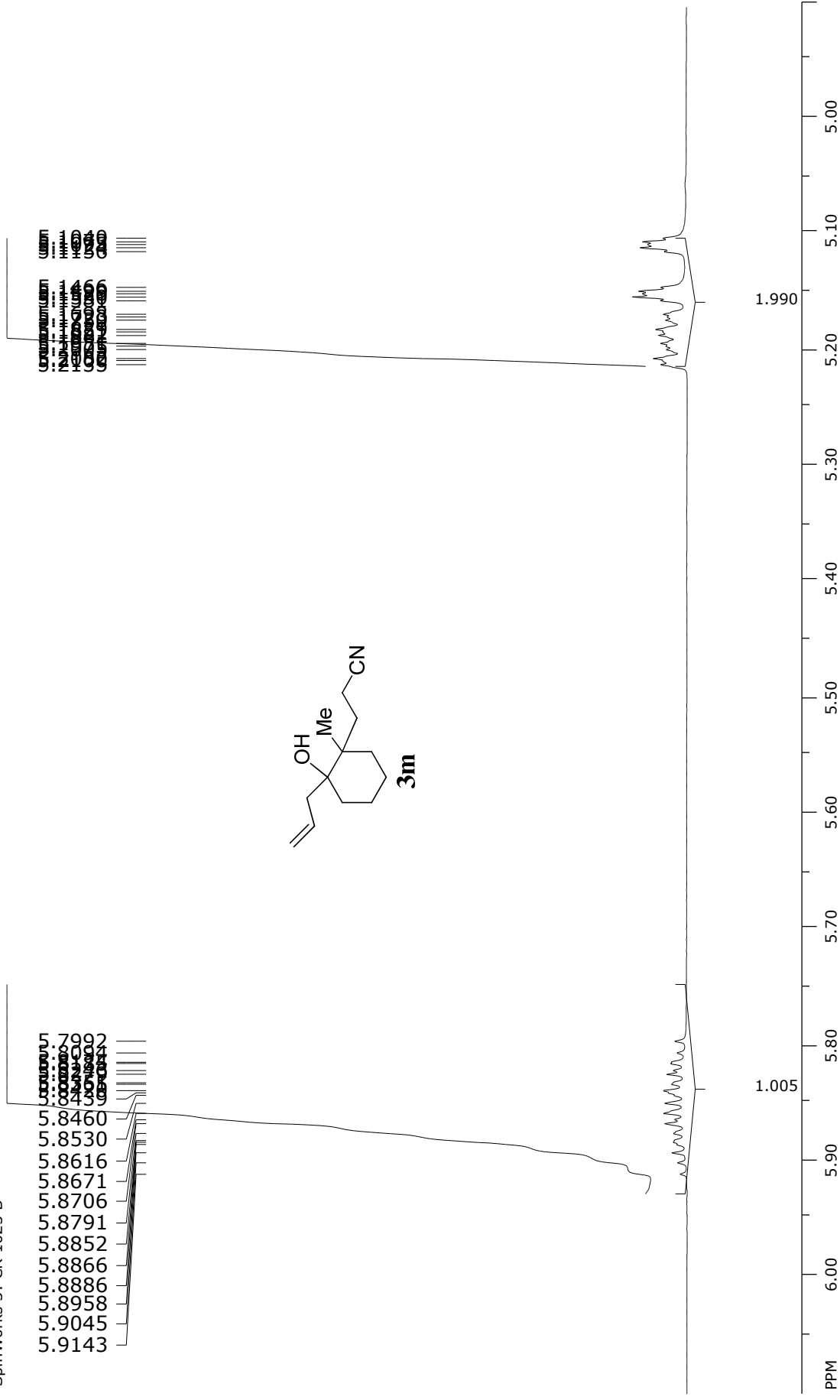
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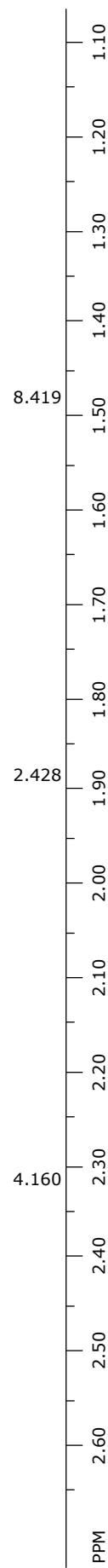
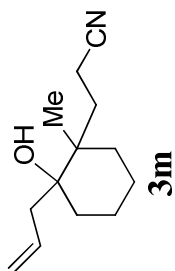


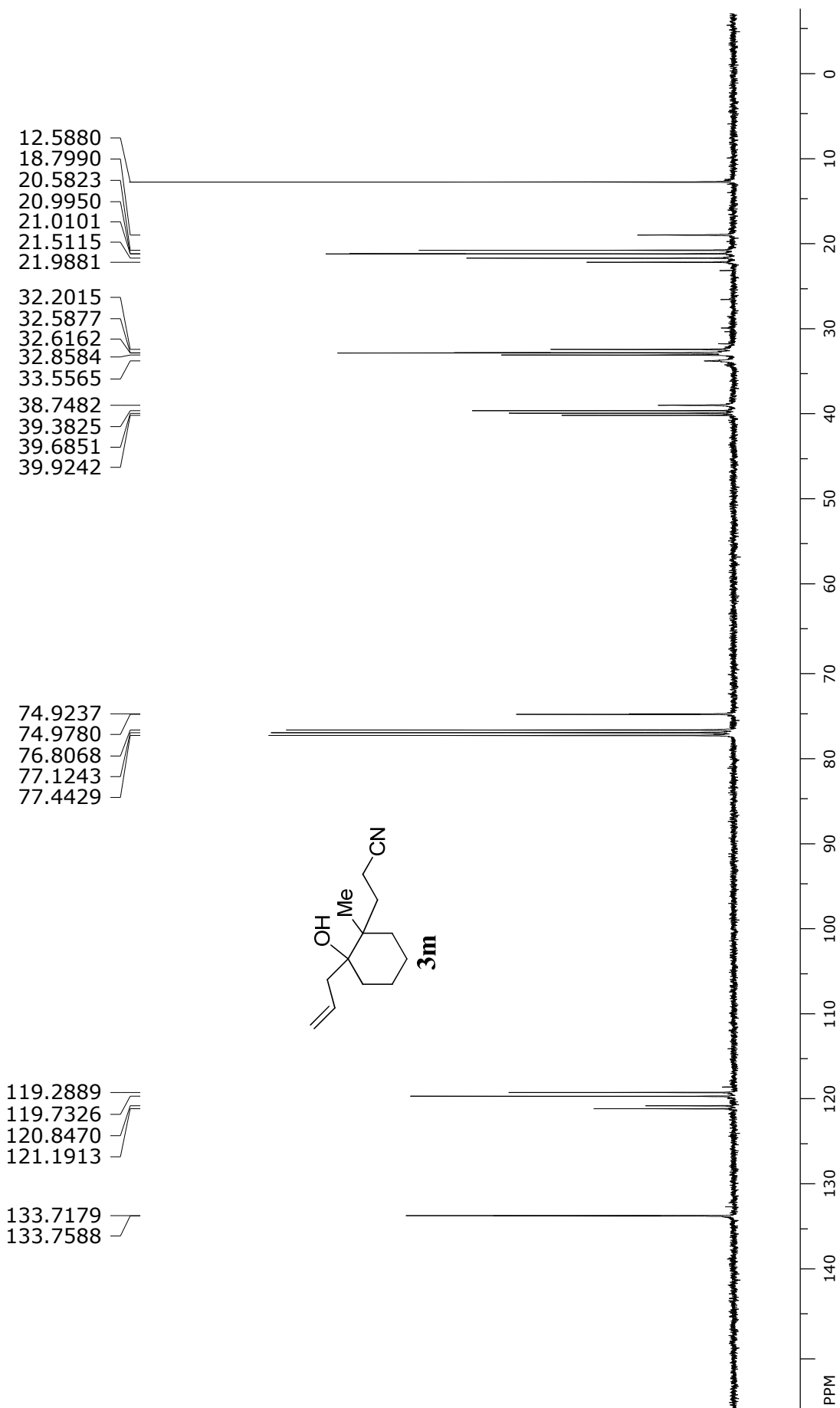
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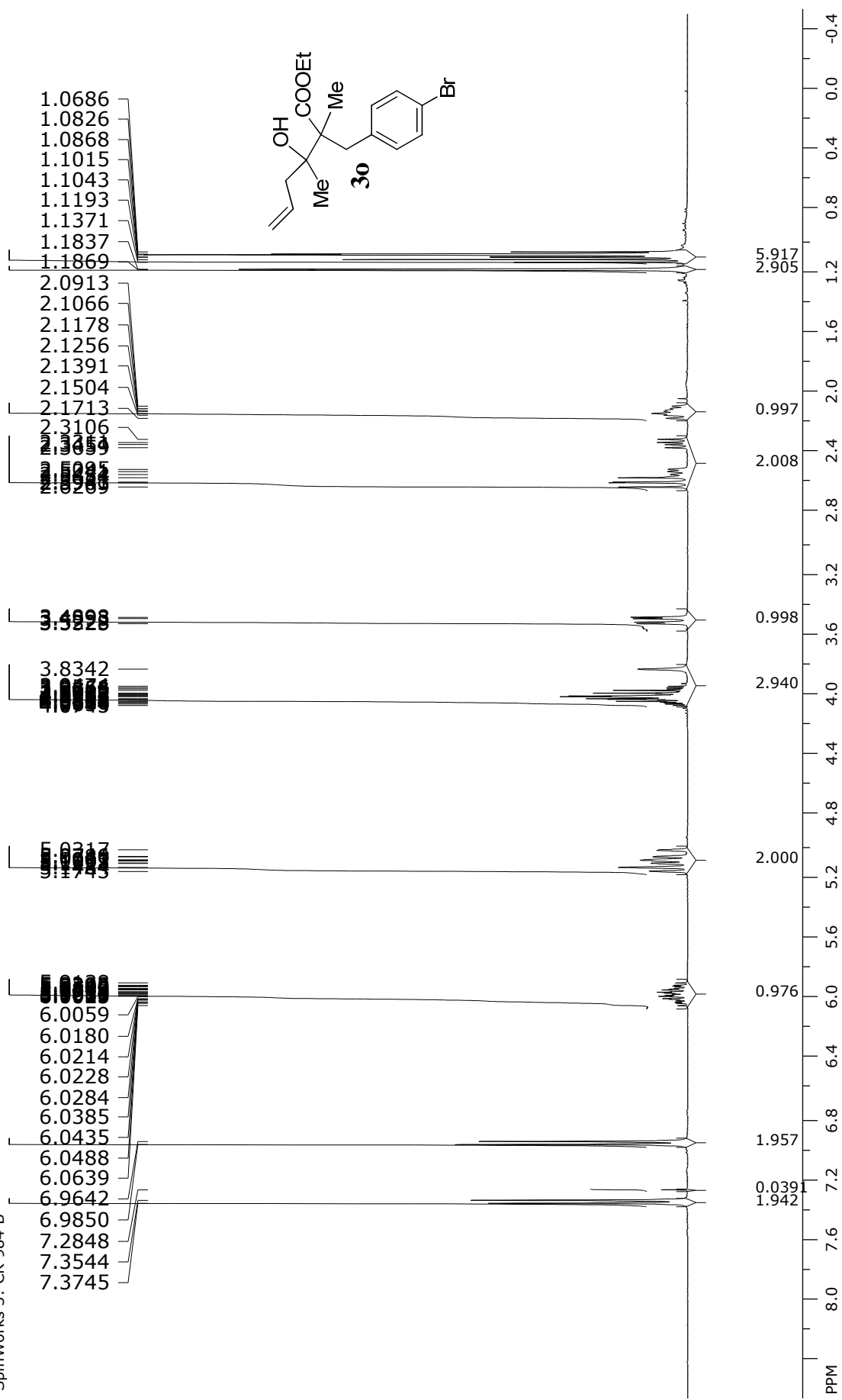


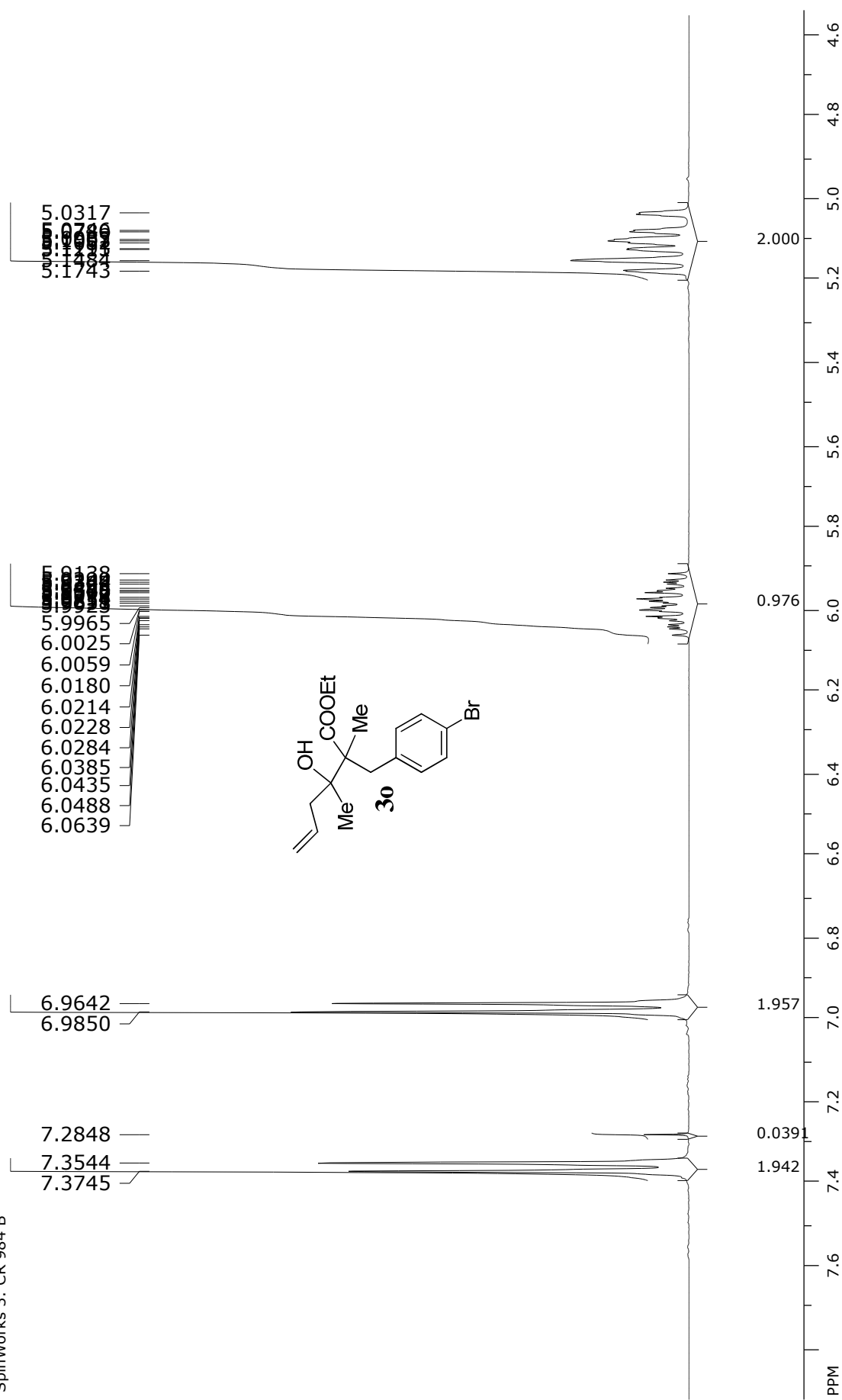
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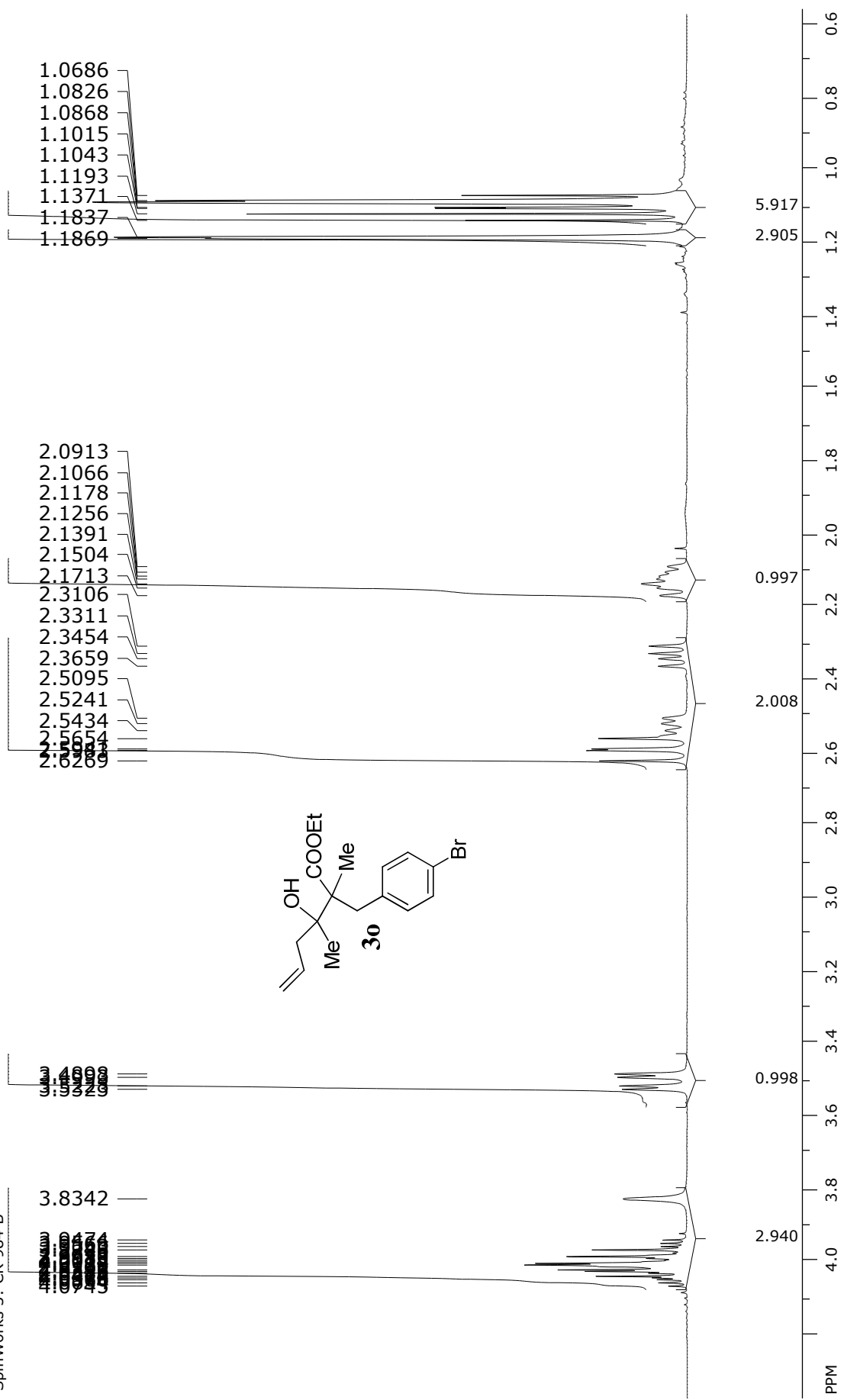


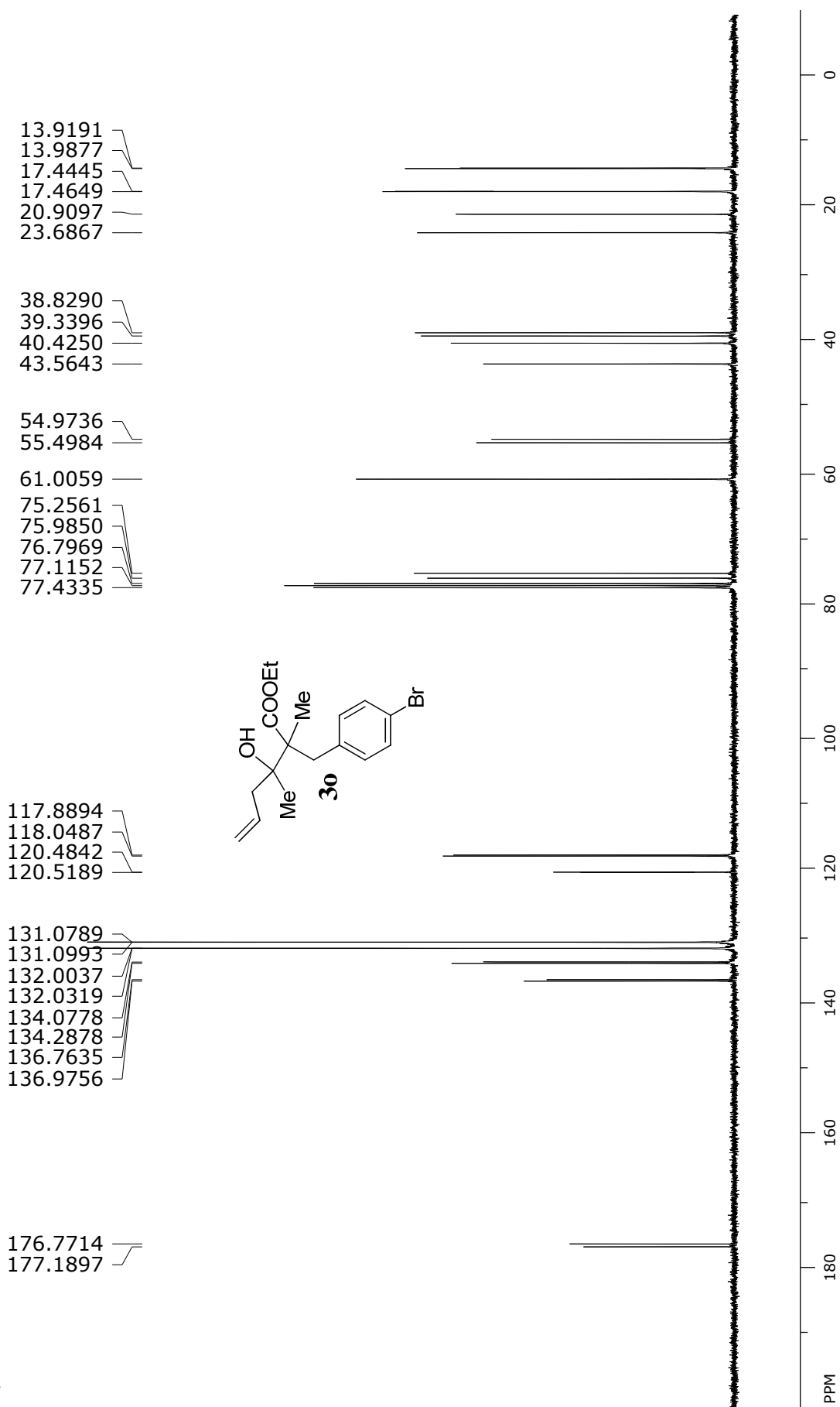


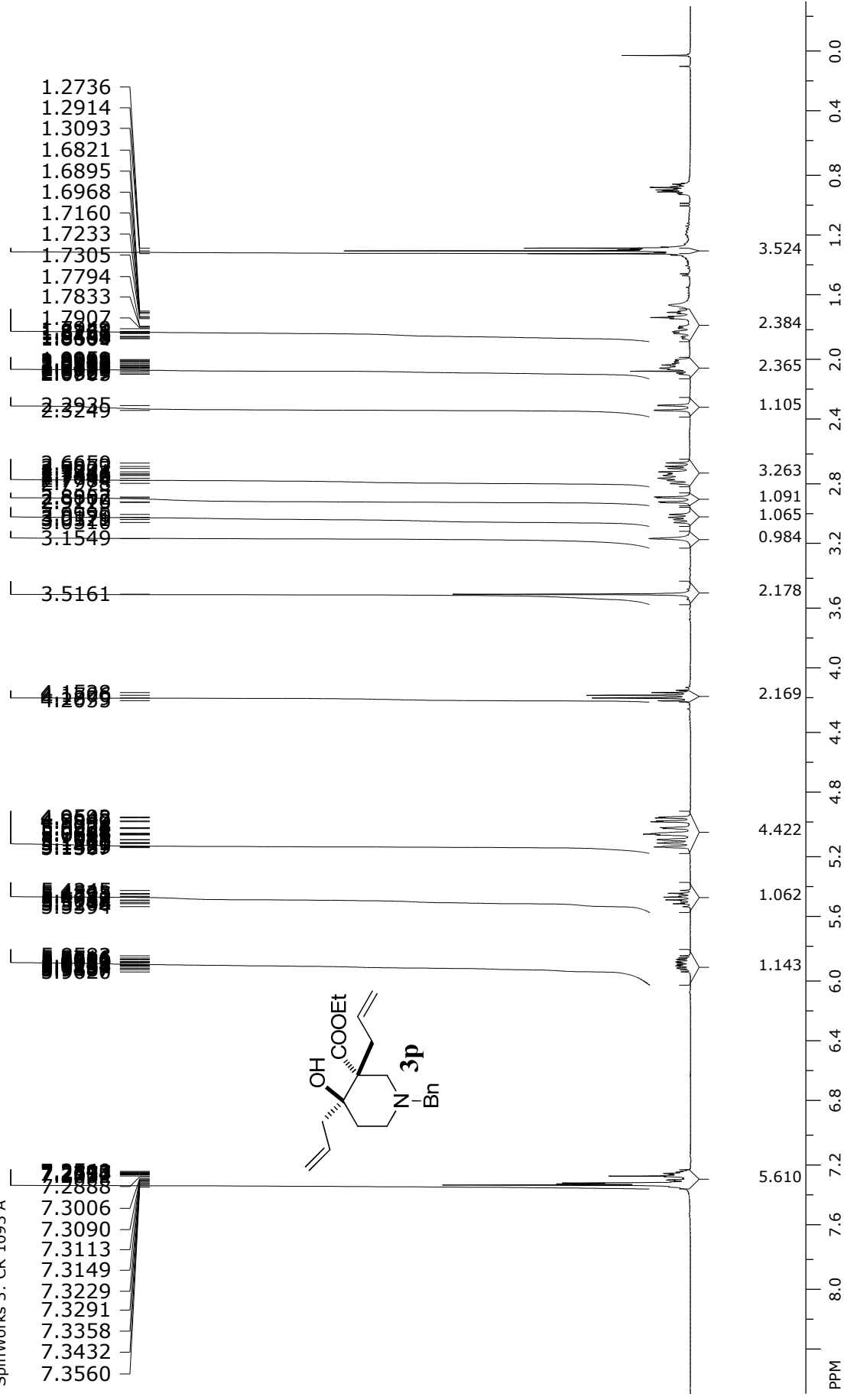


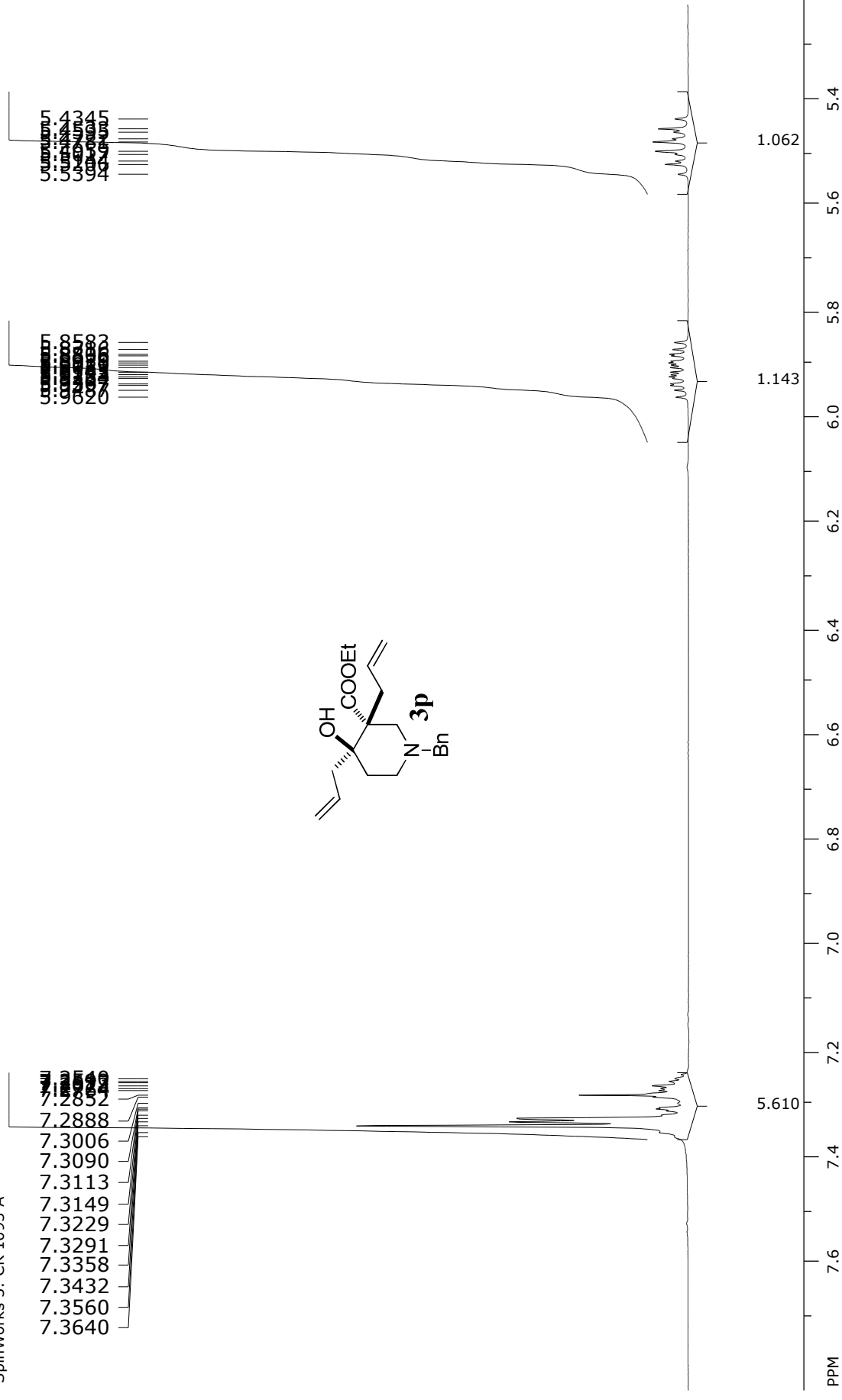


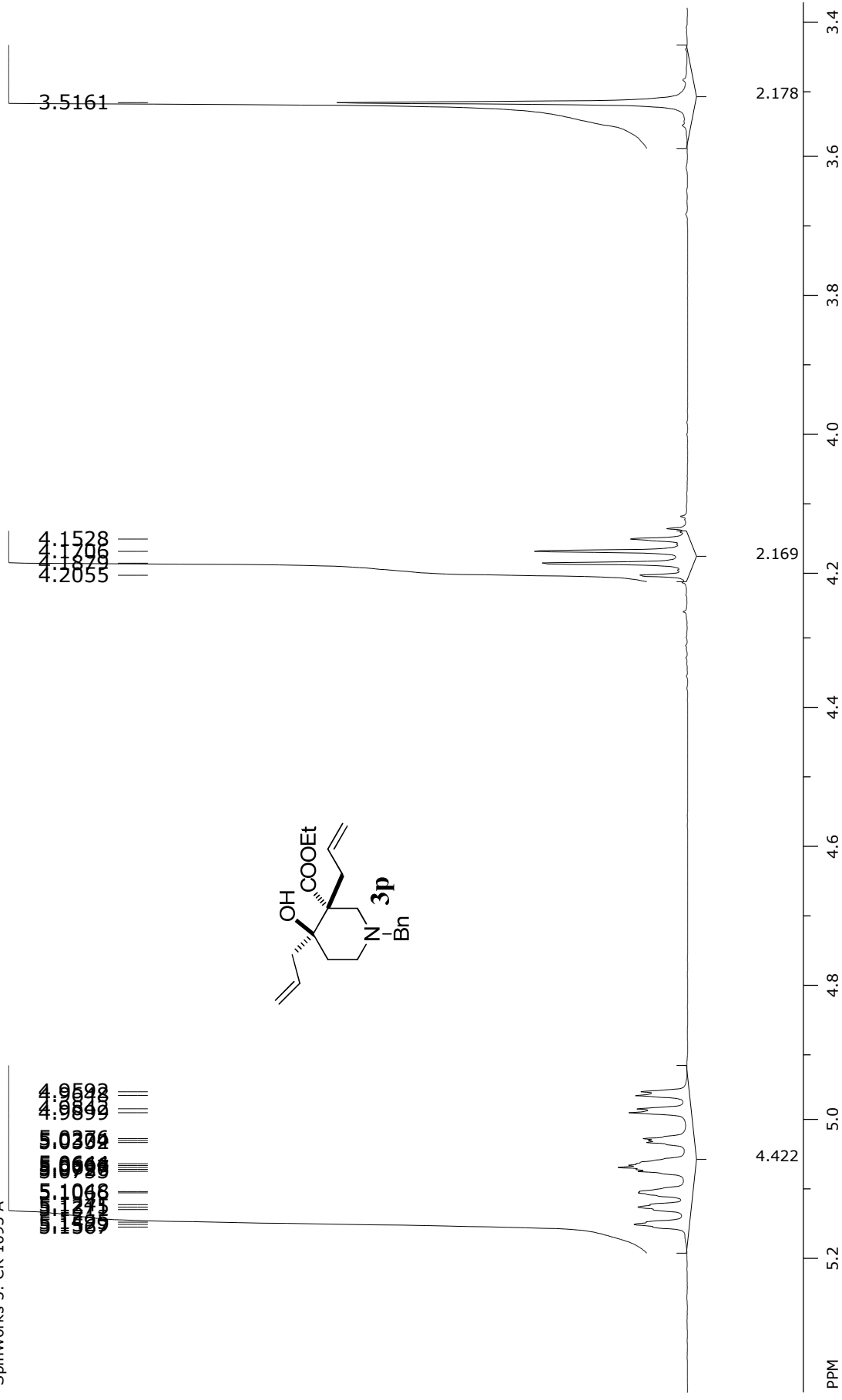


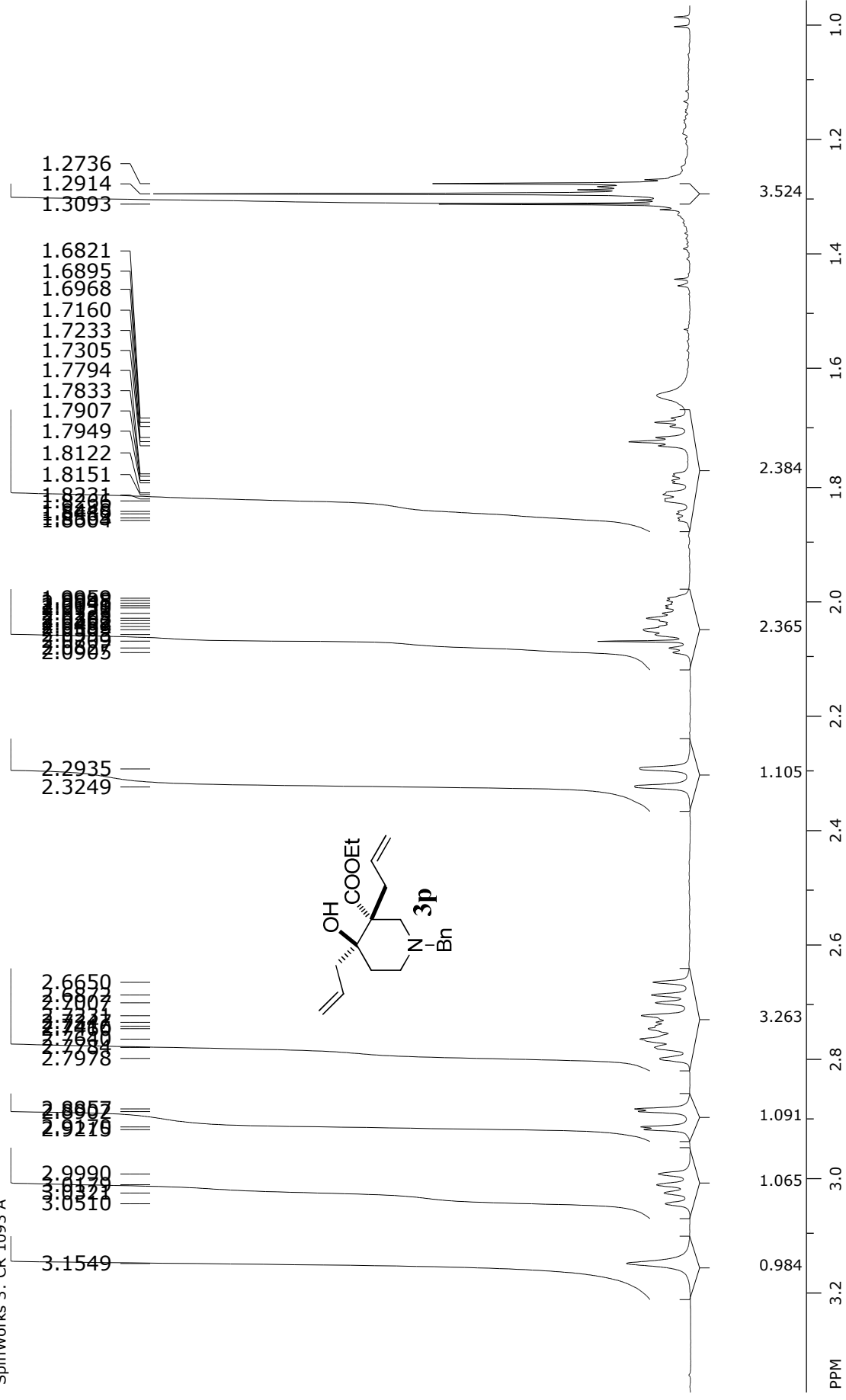


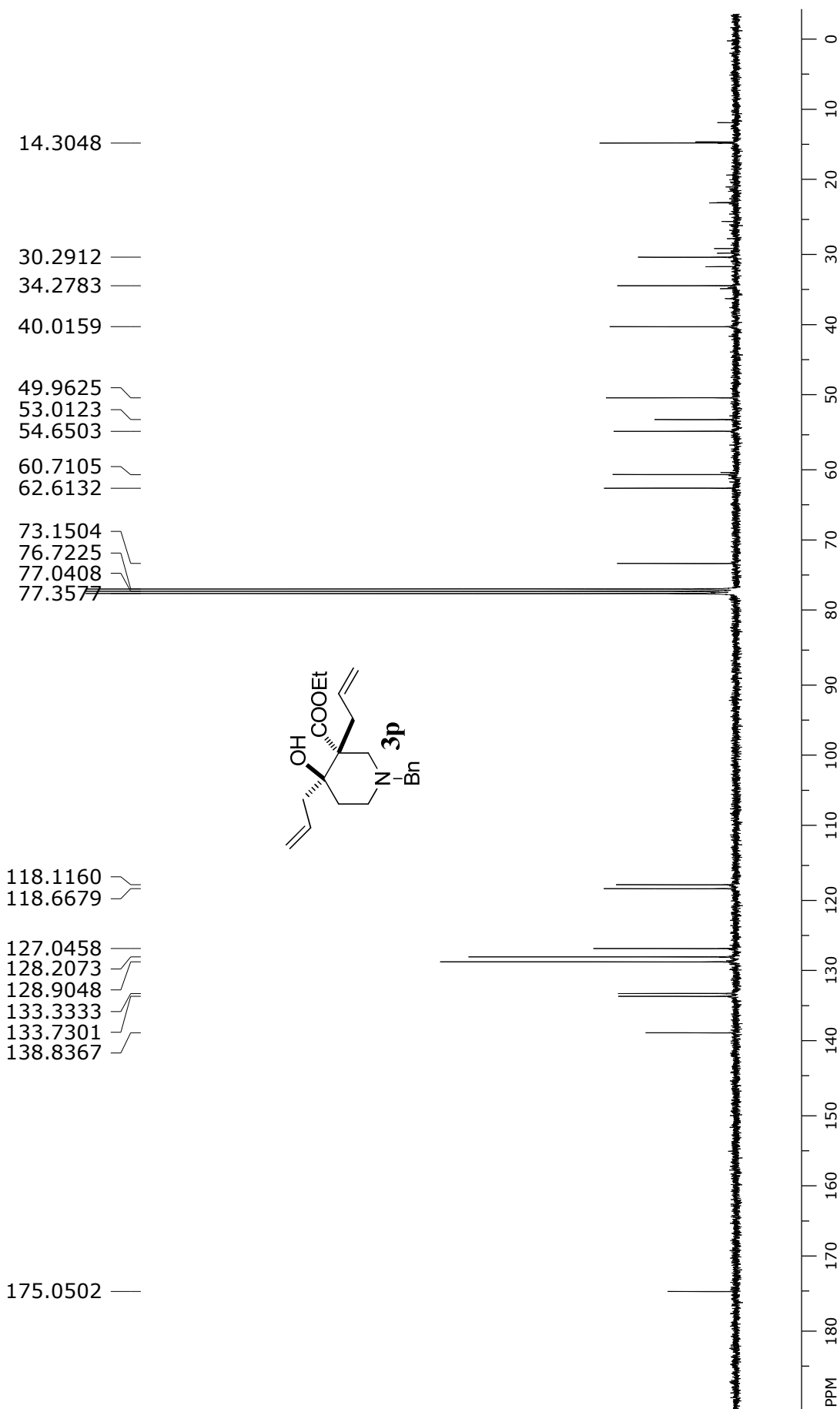


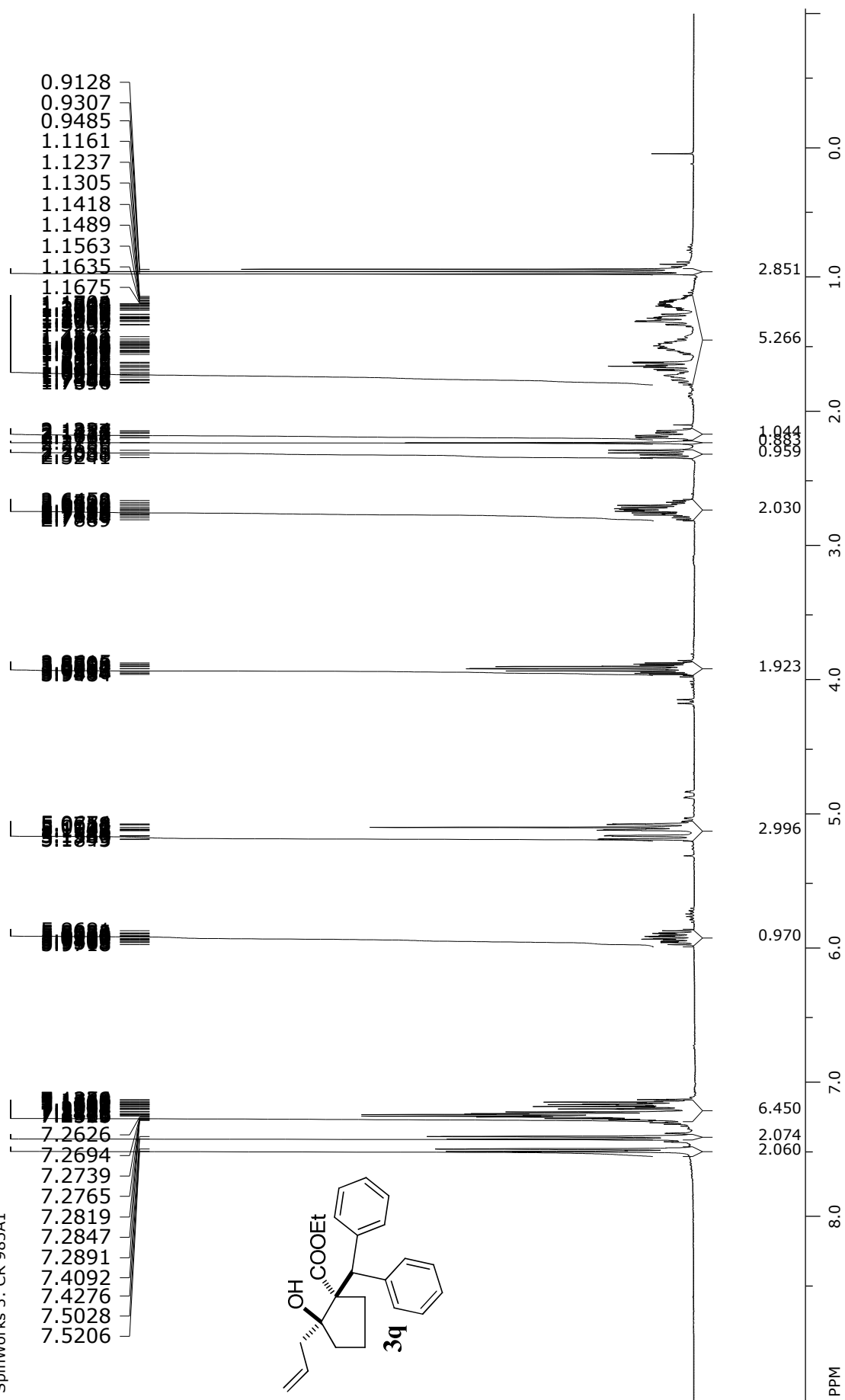




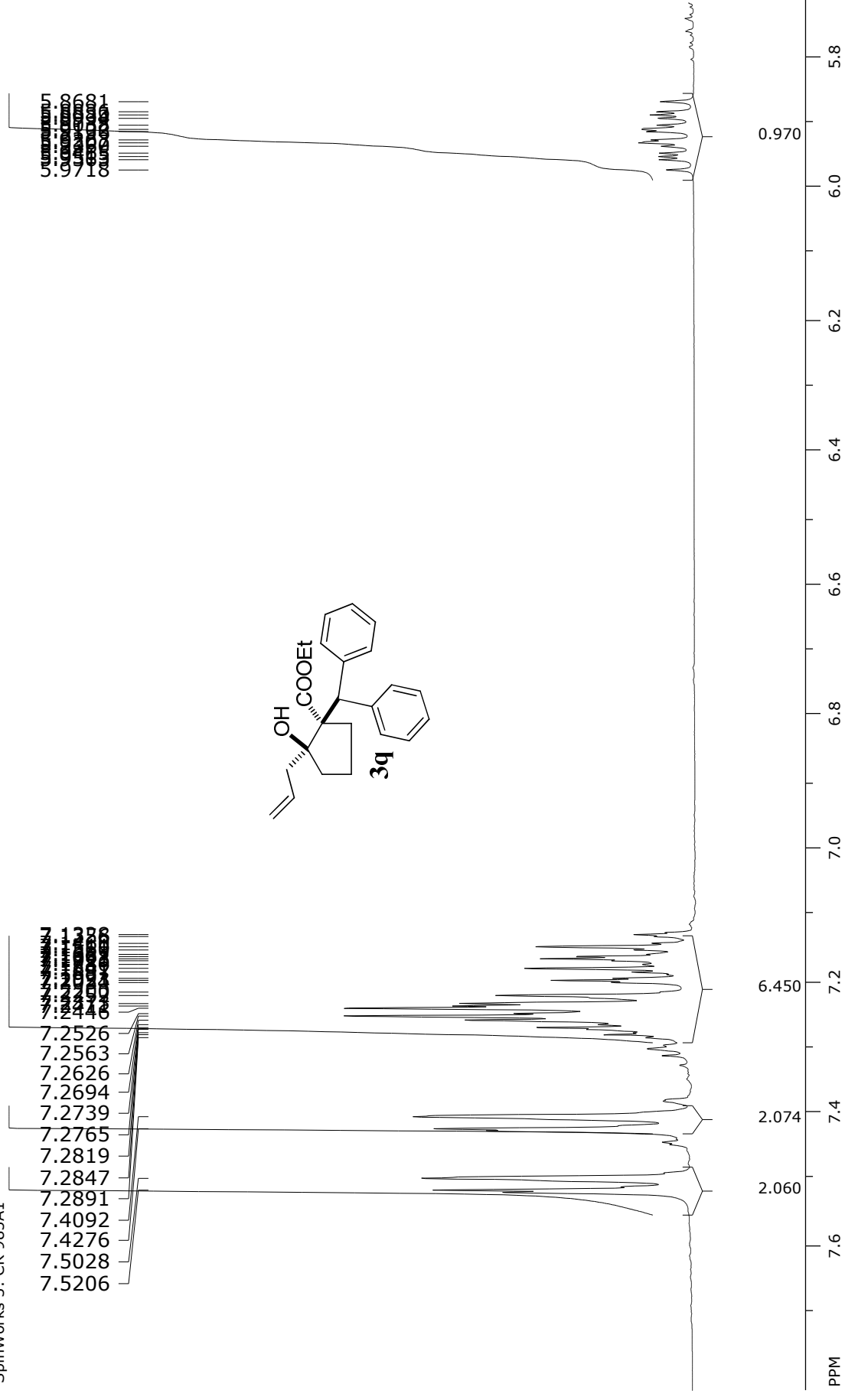




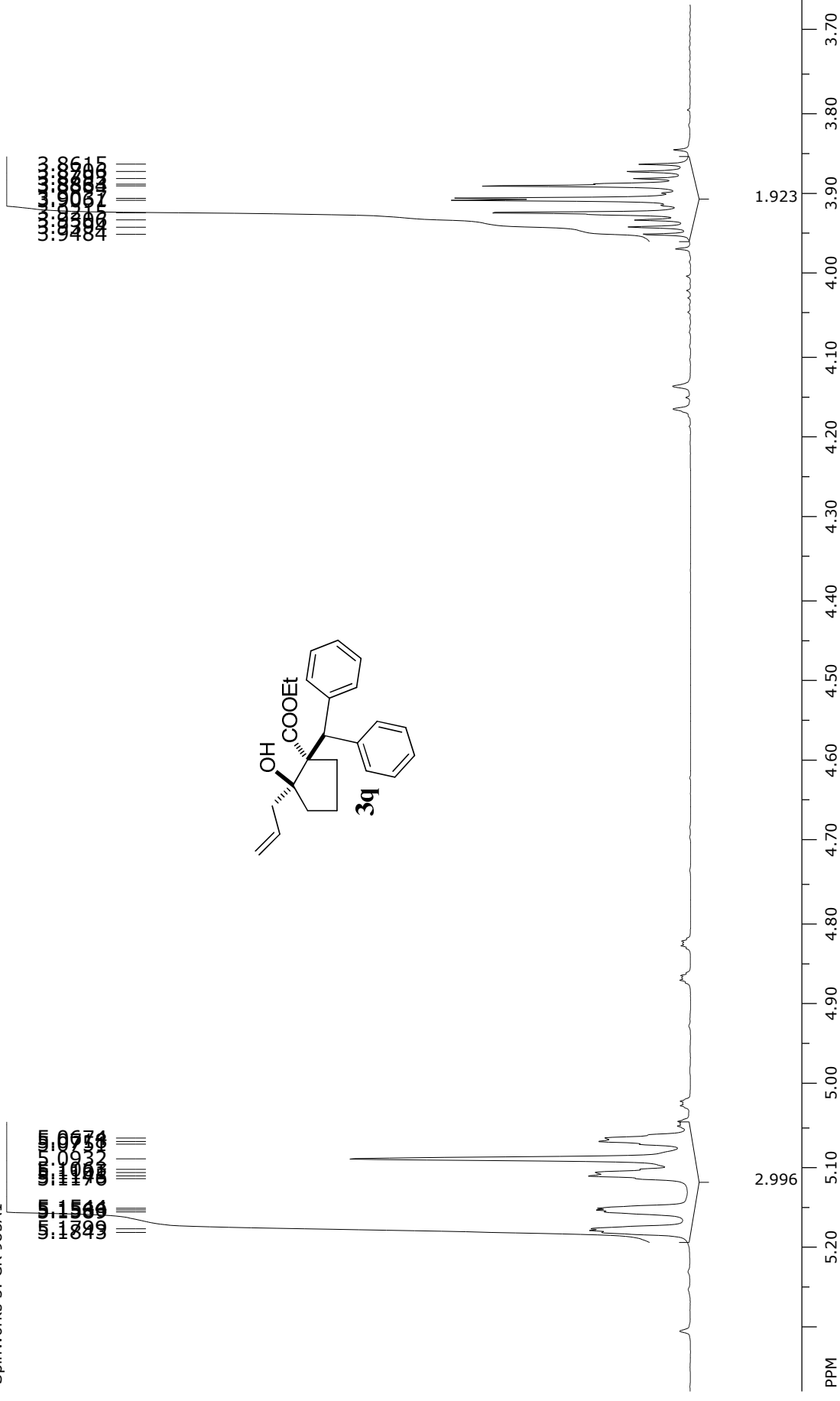


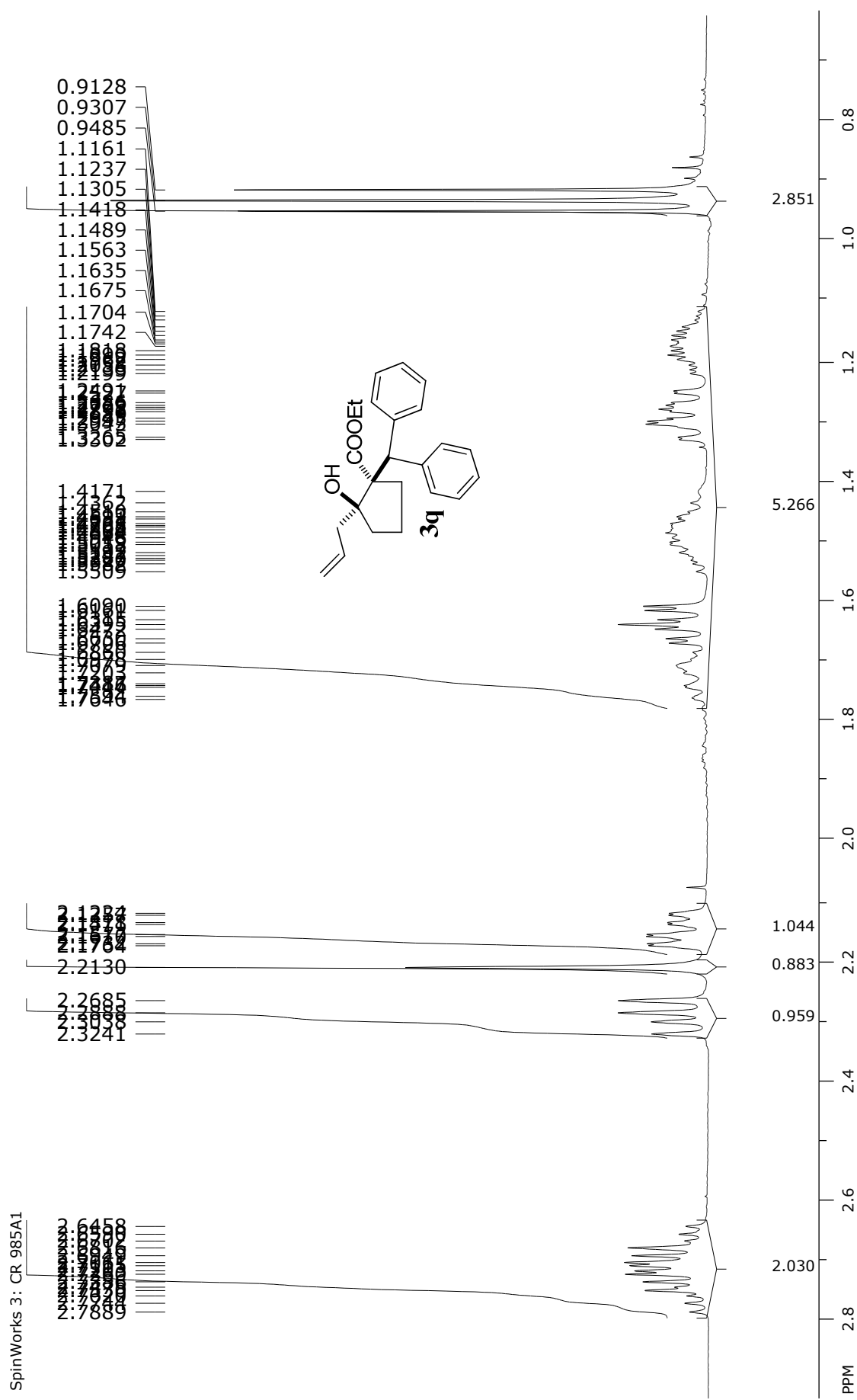


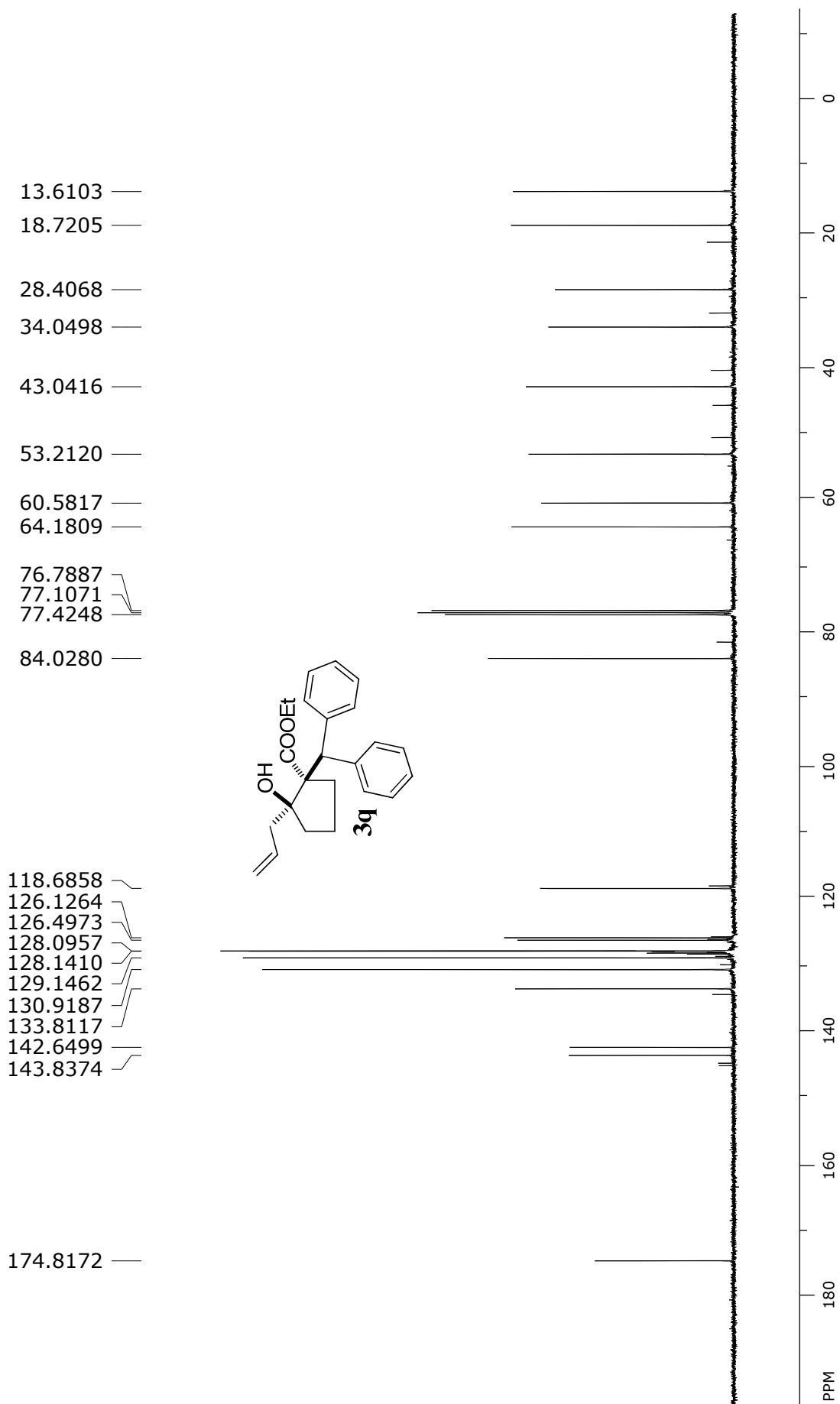
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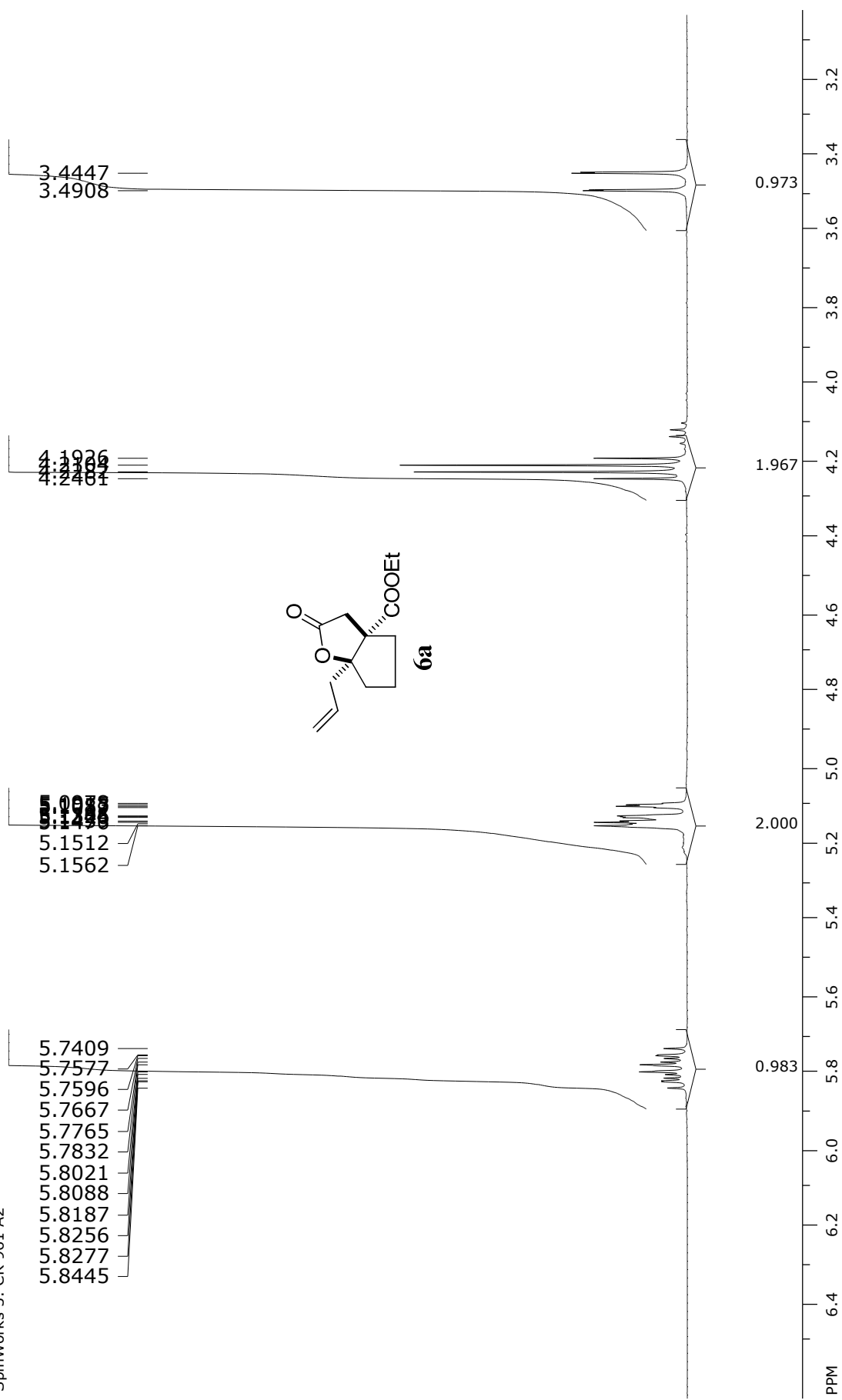


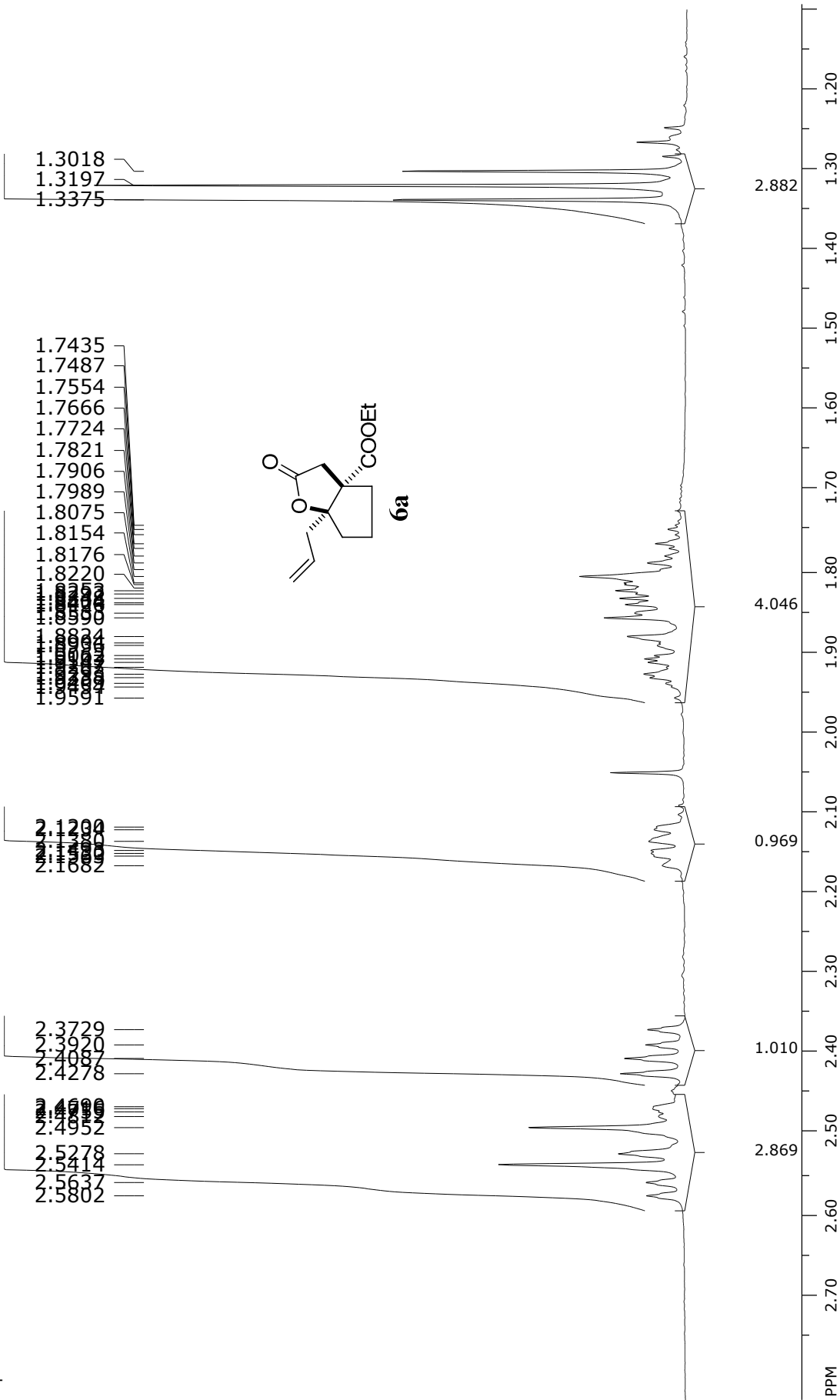
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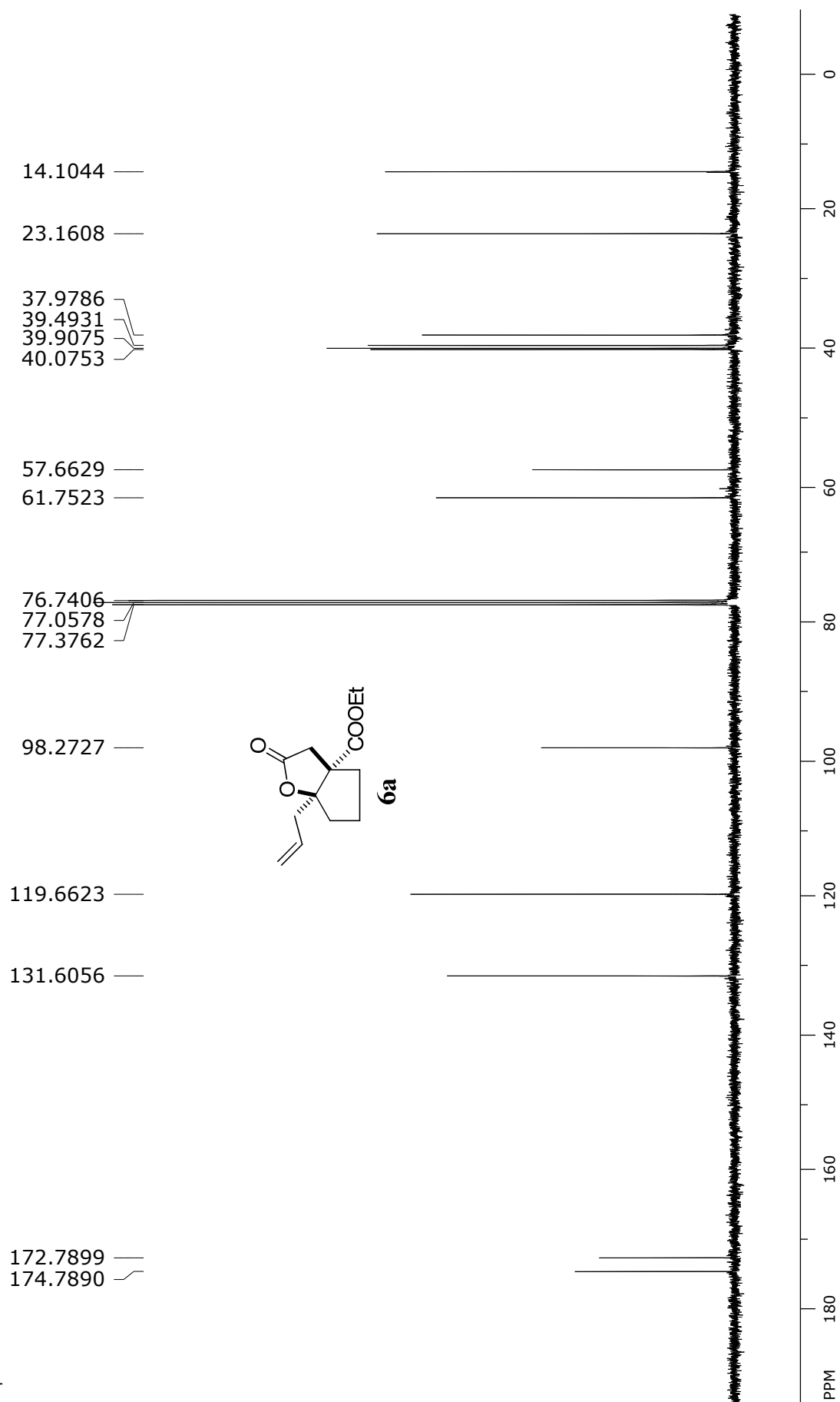


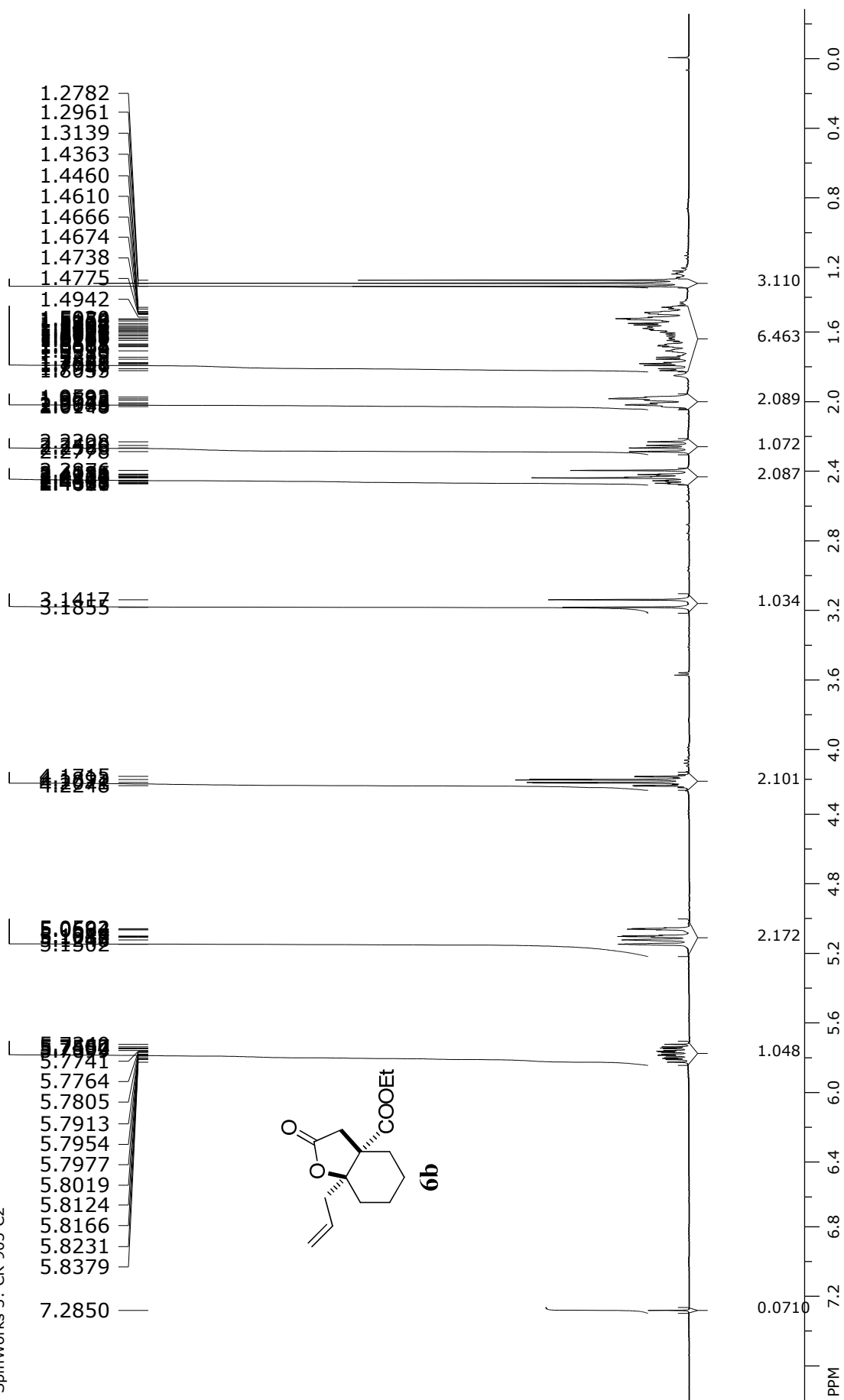


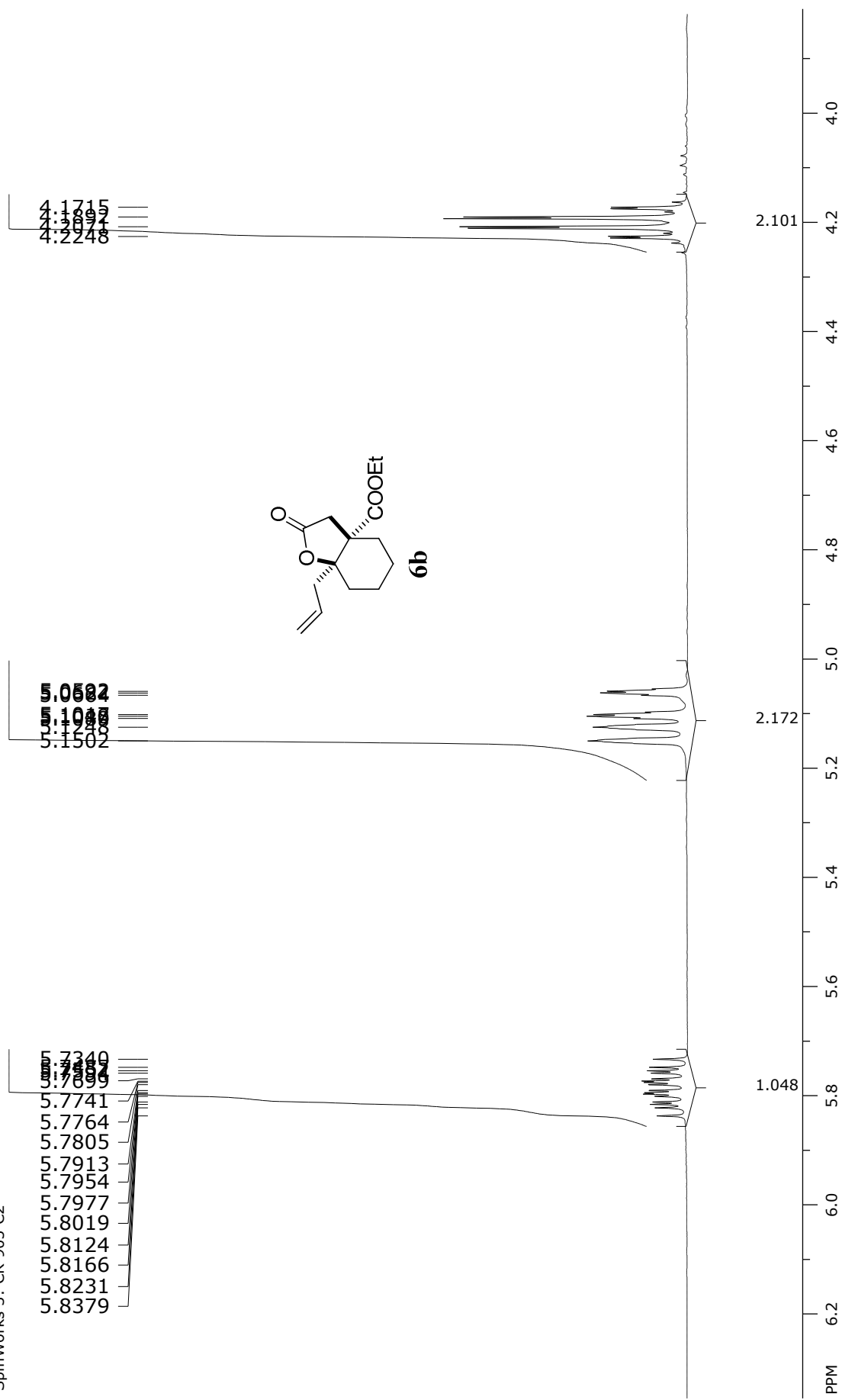




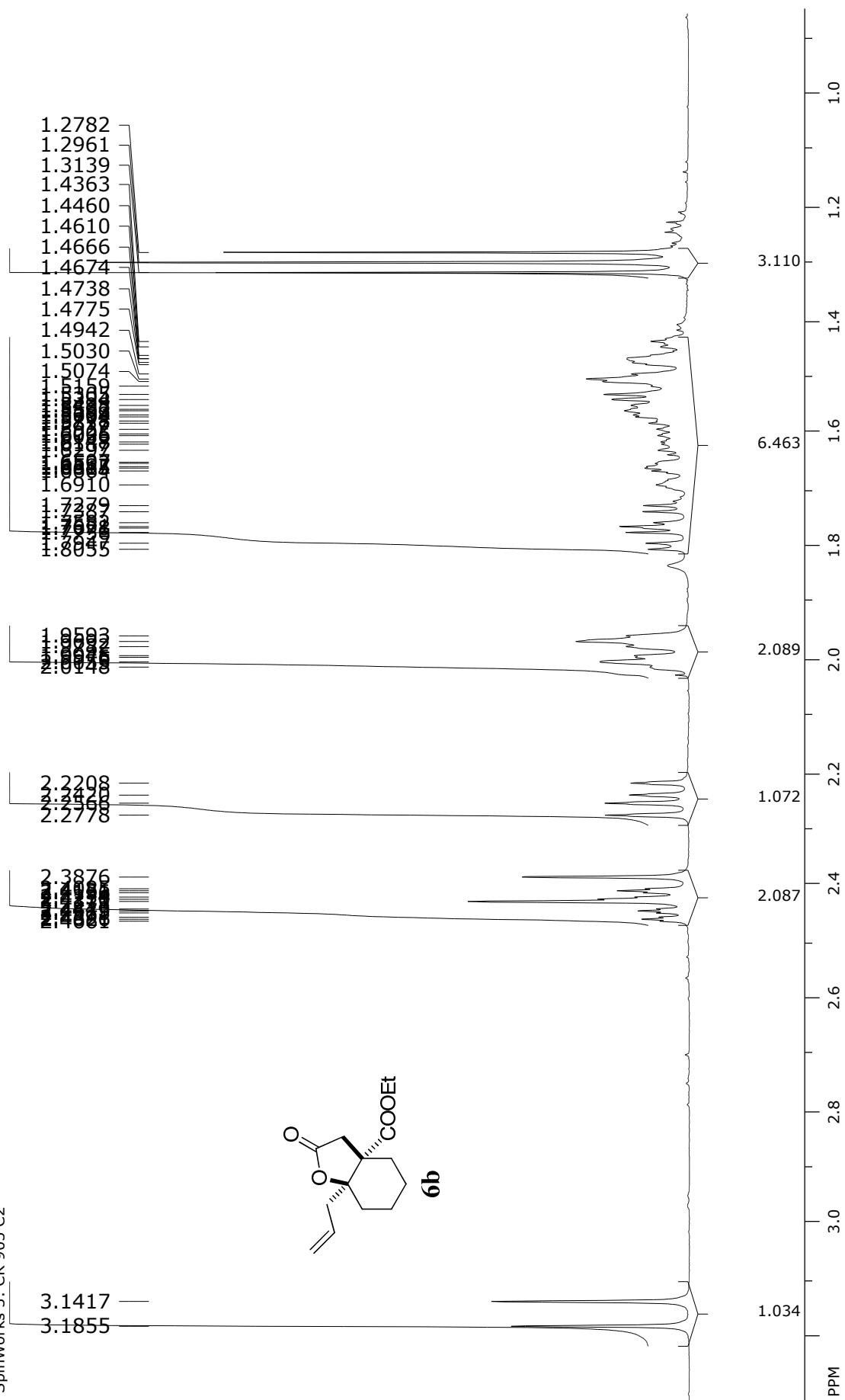








SpinWorks 3: CR 905 C2



SpinWorks 3: CR 905 C2

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174.5365 —

131.5665 —

119.6970 —

85.6769 —

76.7838 —
77.1017 —
77.4202 —

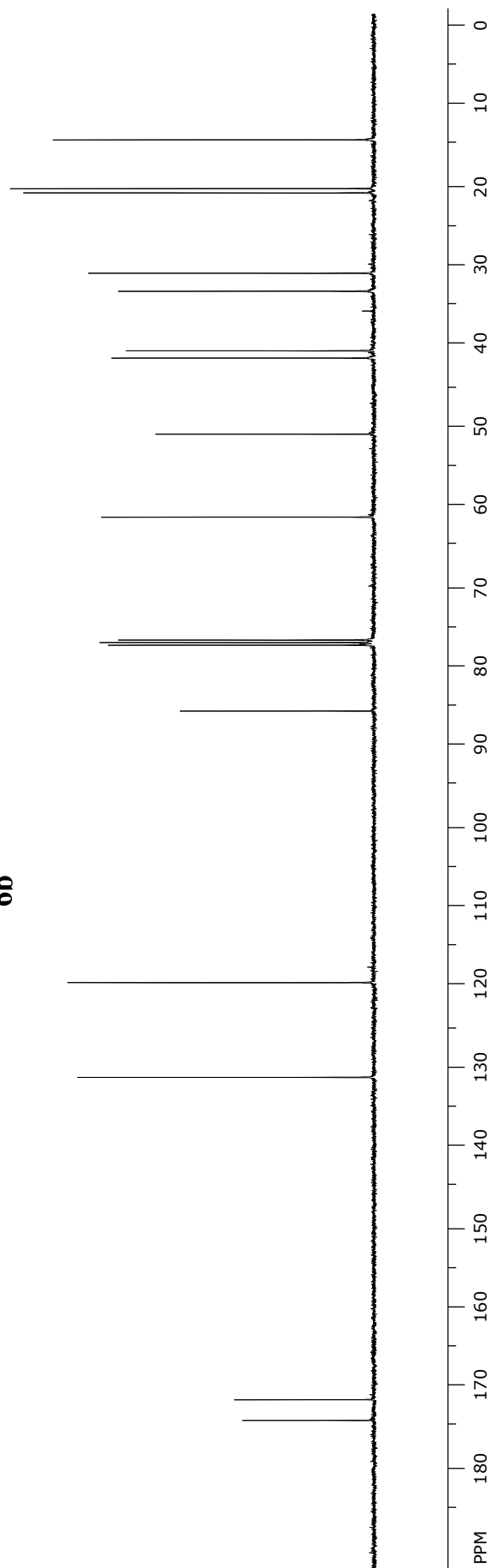
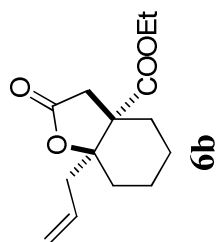
61.3811 —

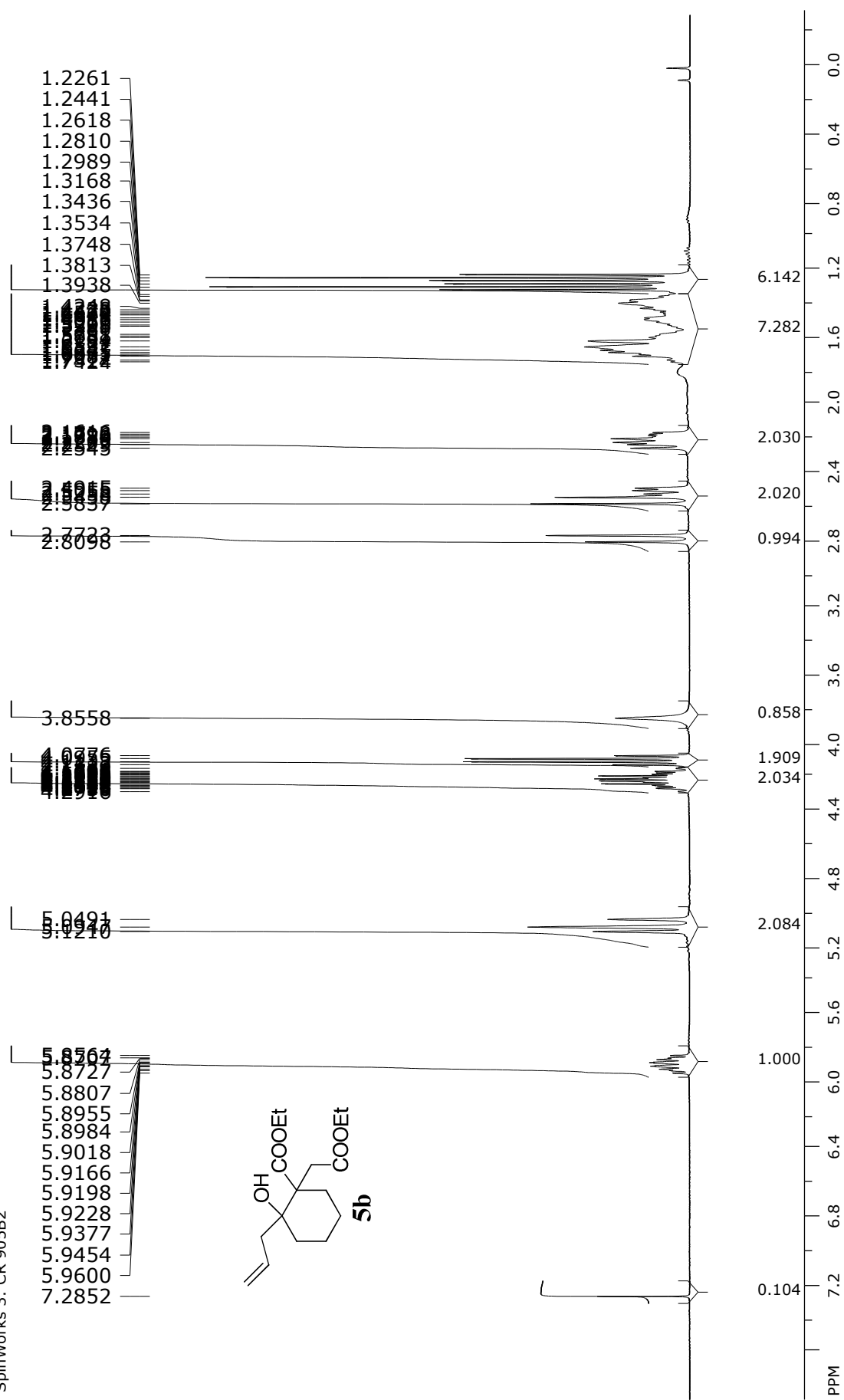
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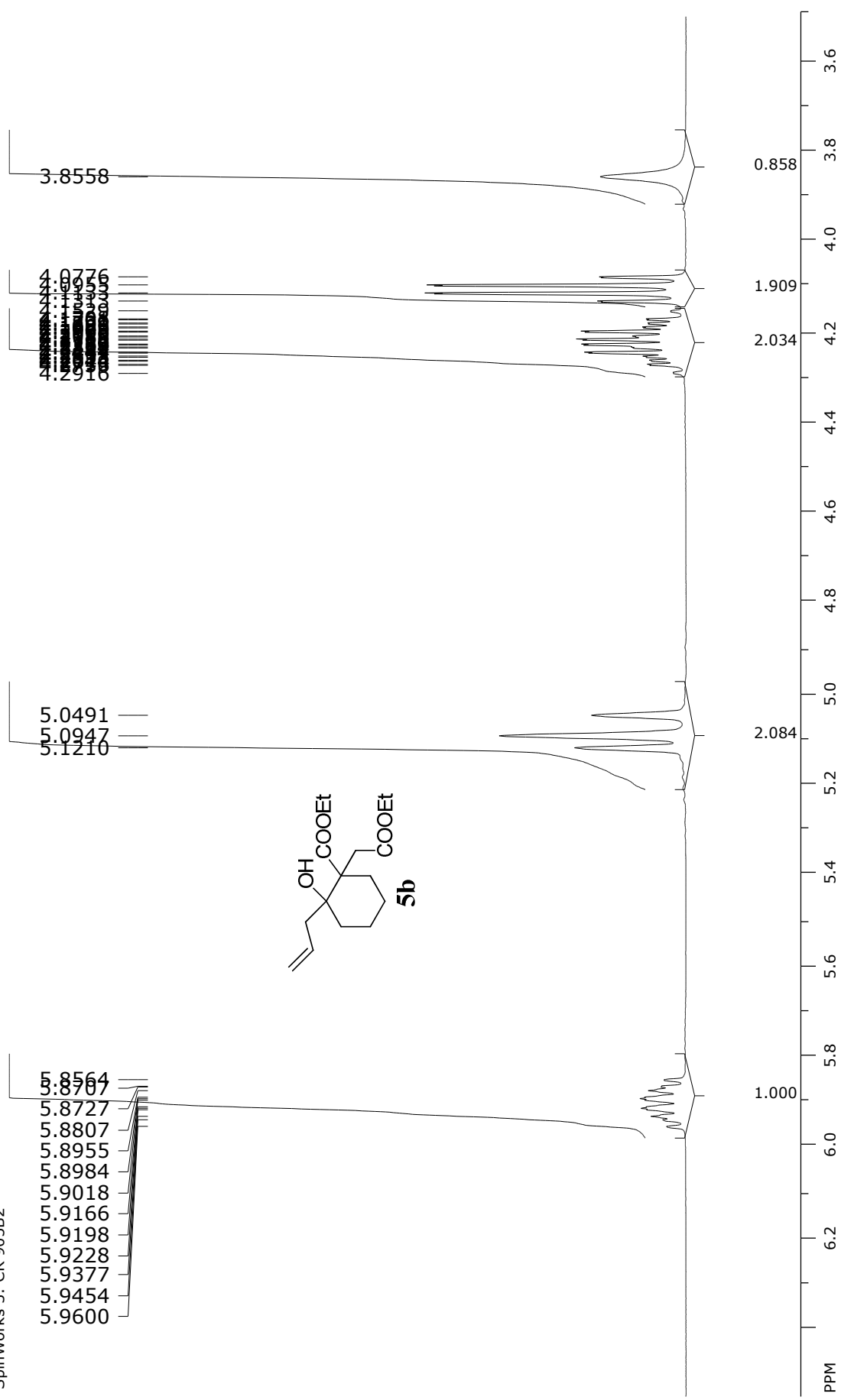
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40.5459 —

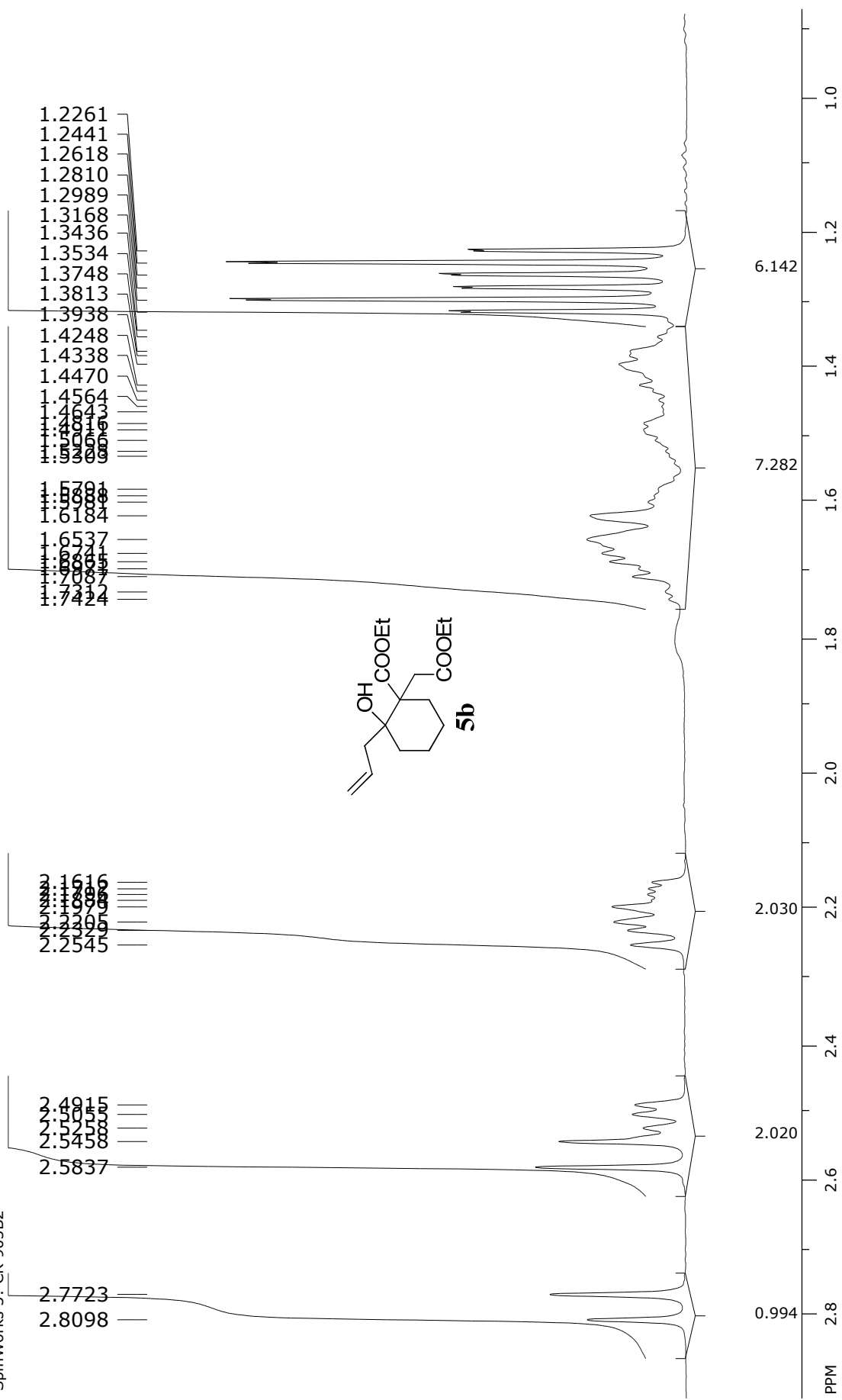
33.0823 —
30.8283 —

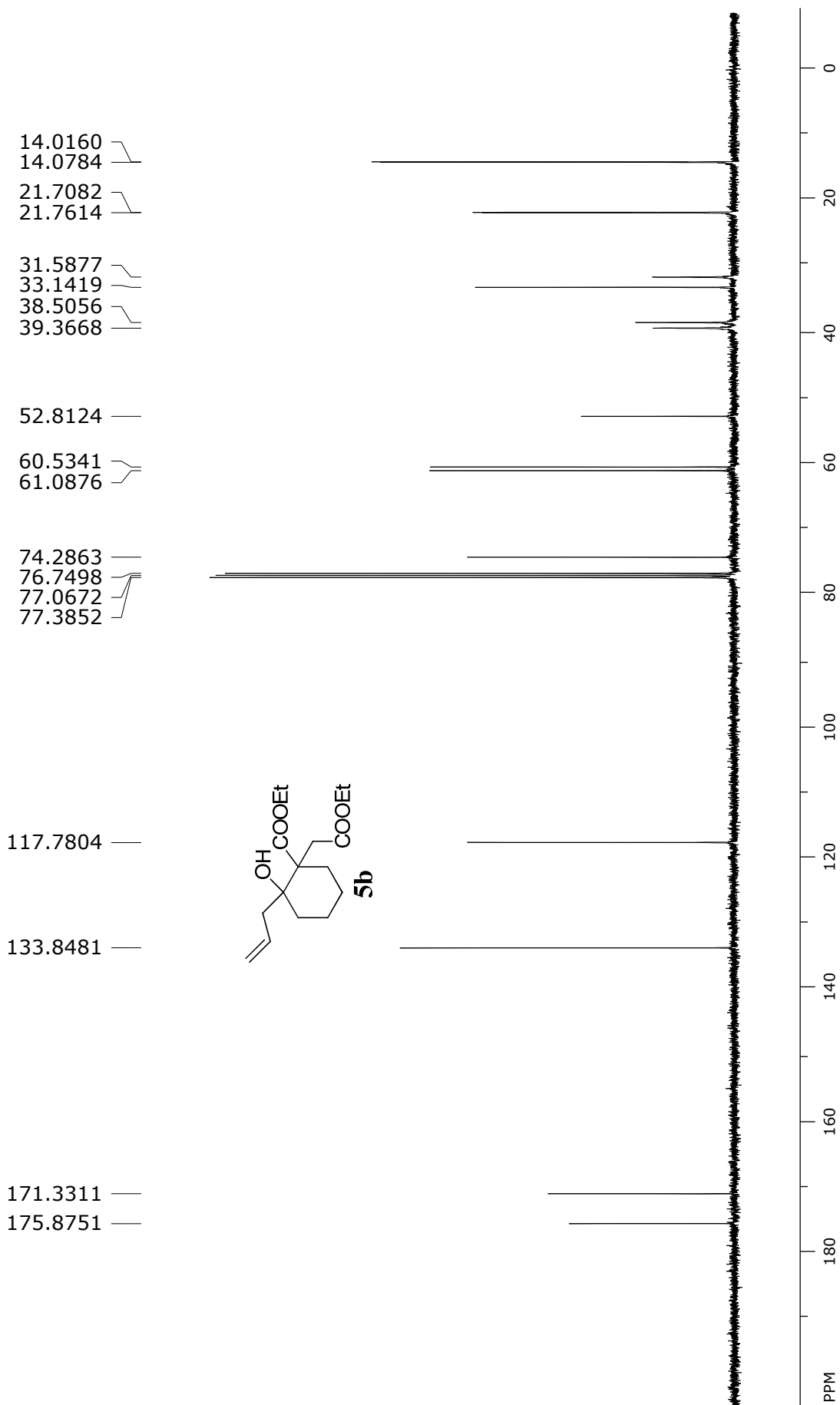
20.7686 —
20.2285 —
14.1182 —

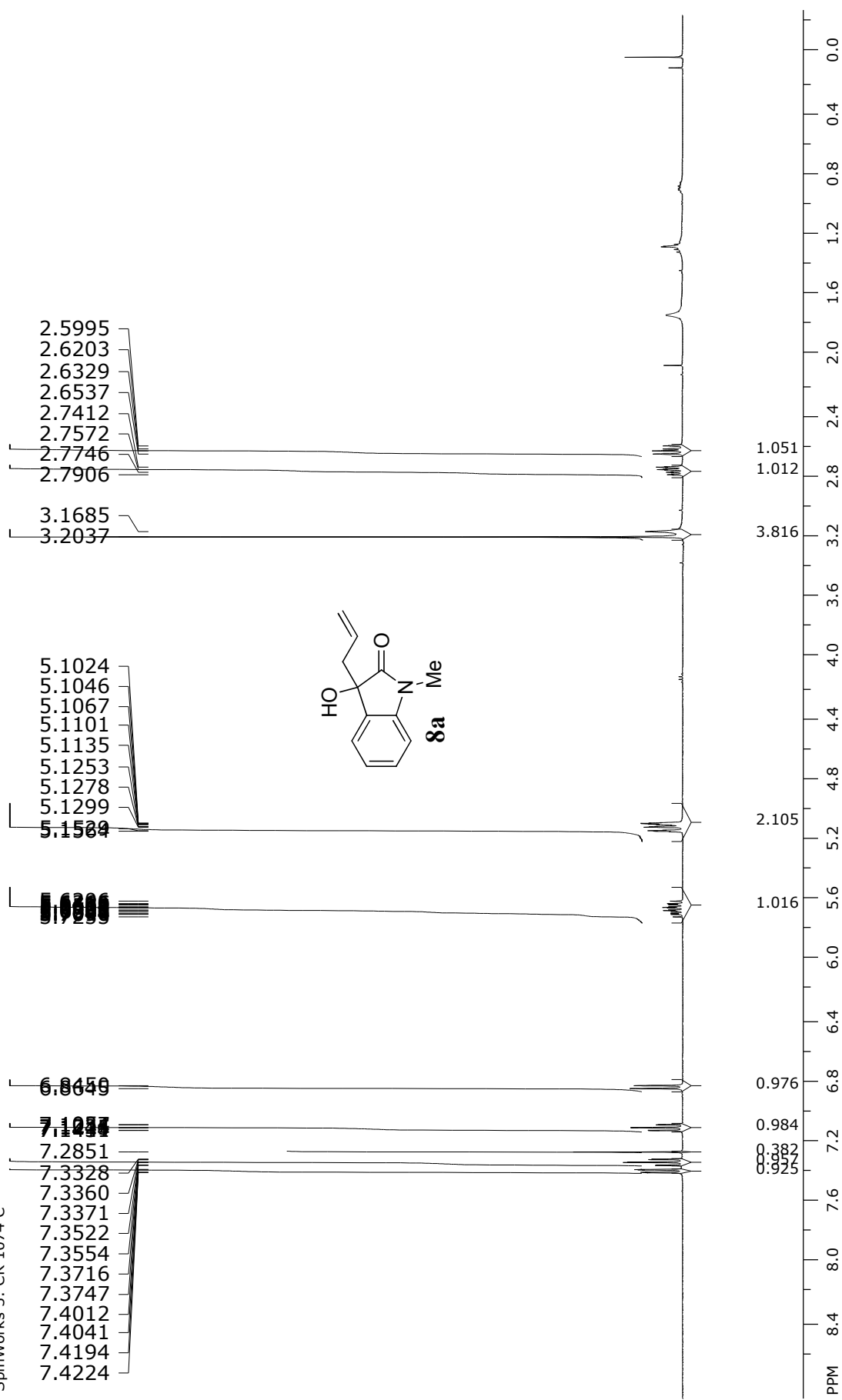


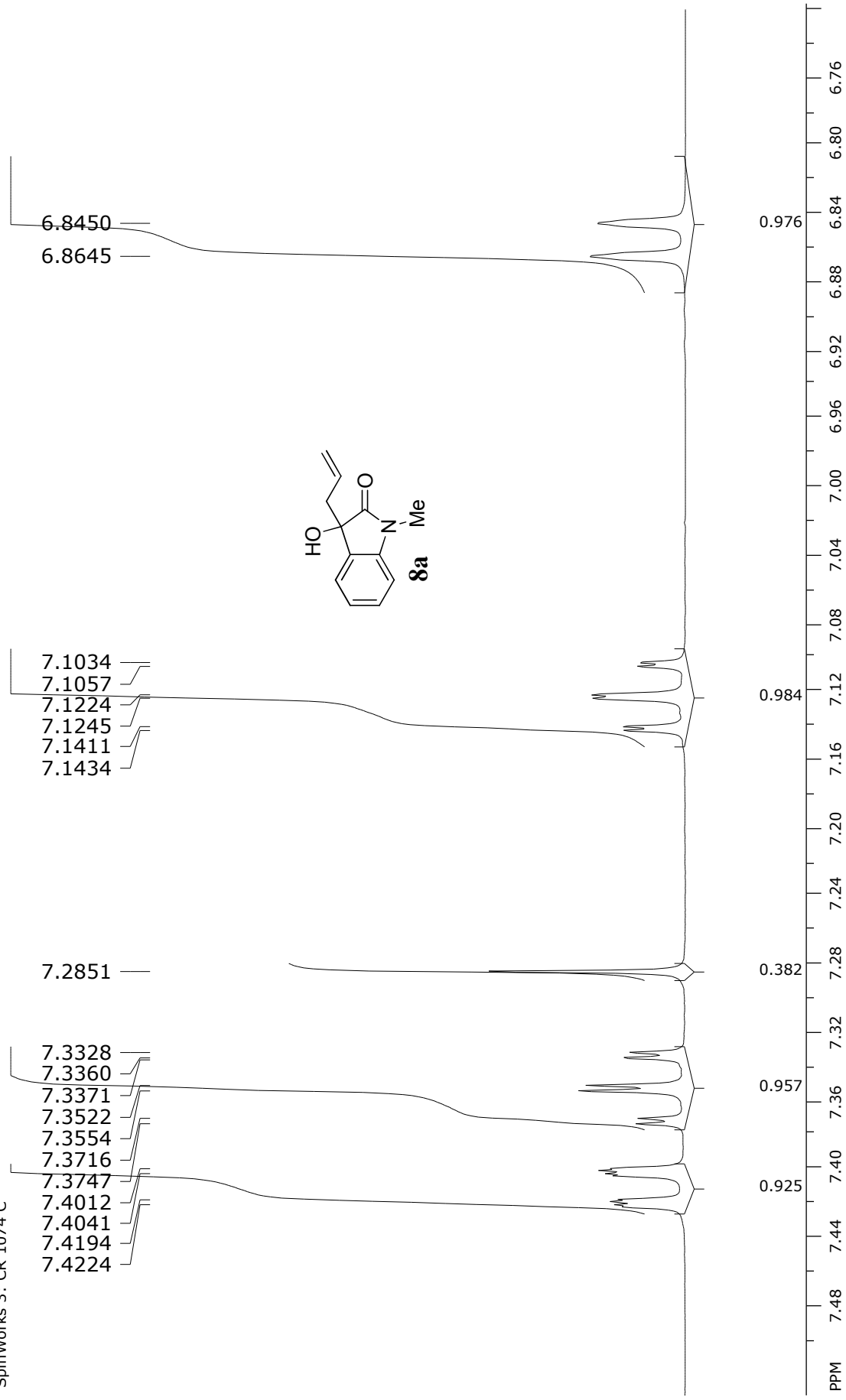


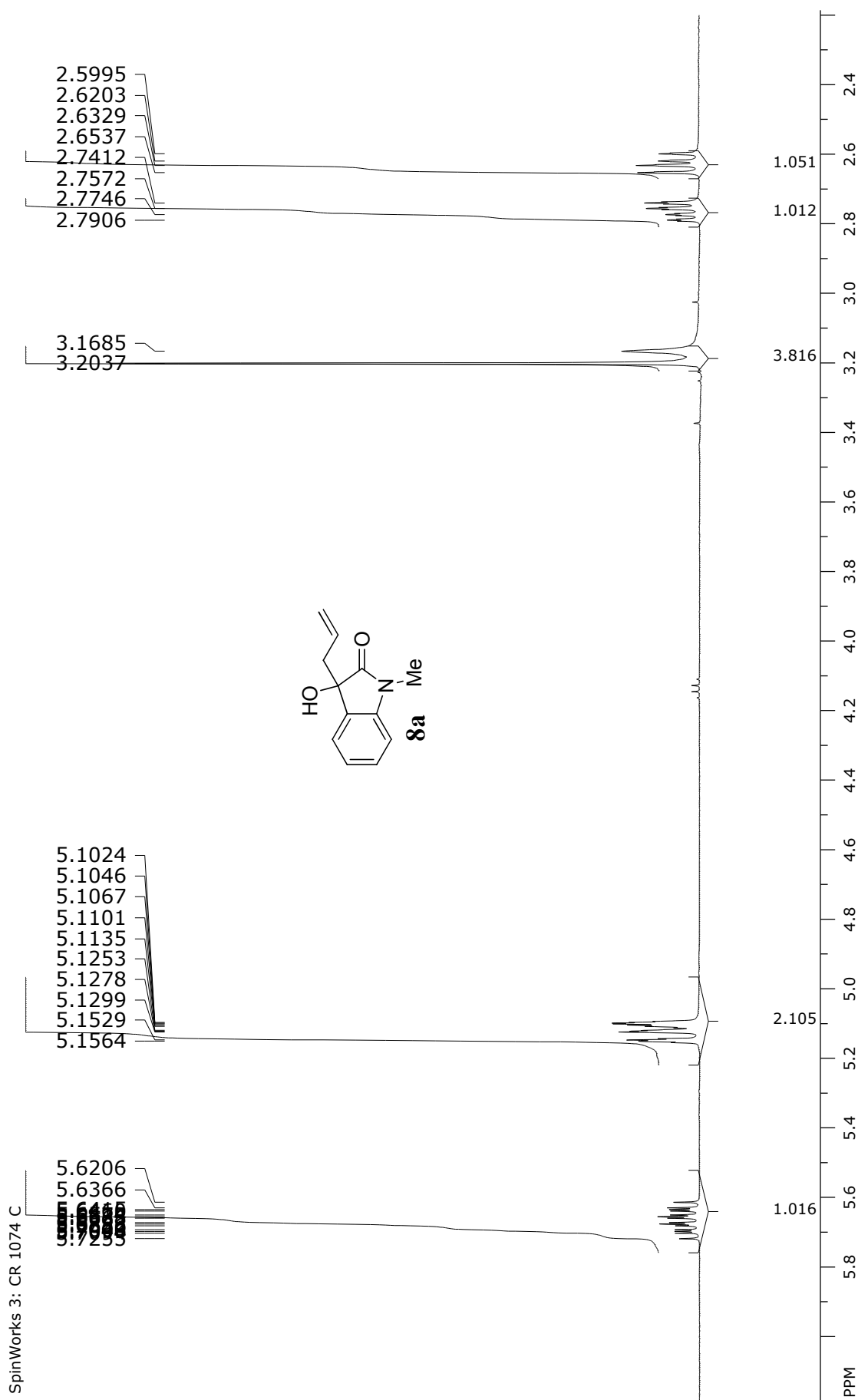


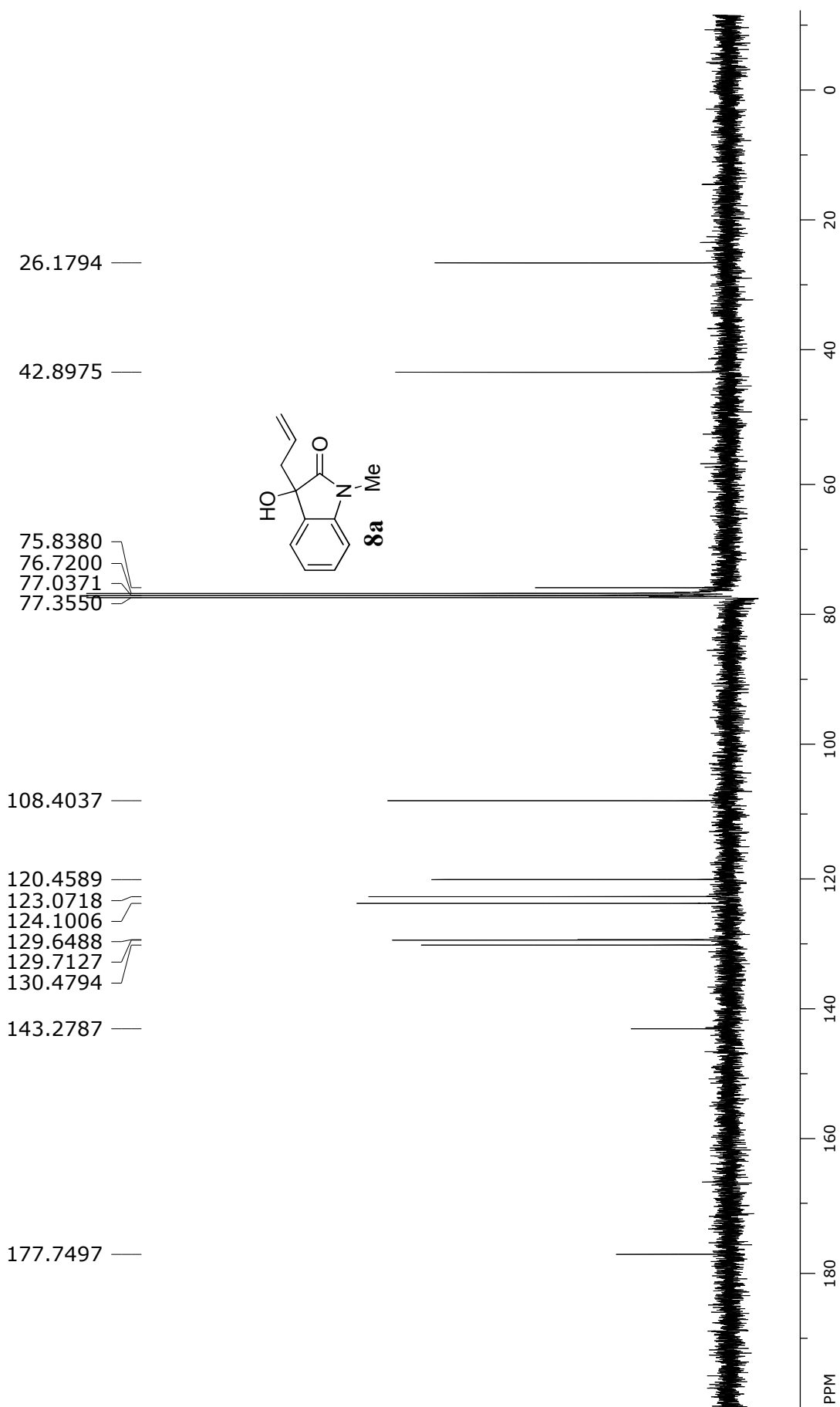


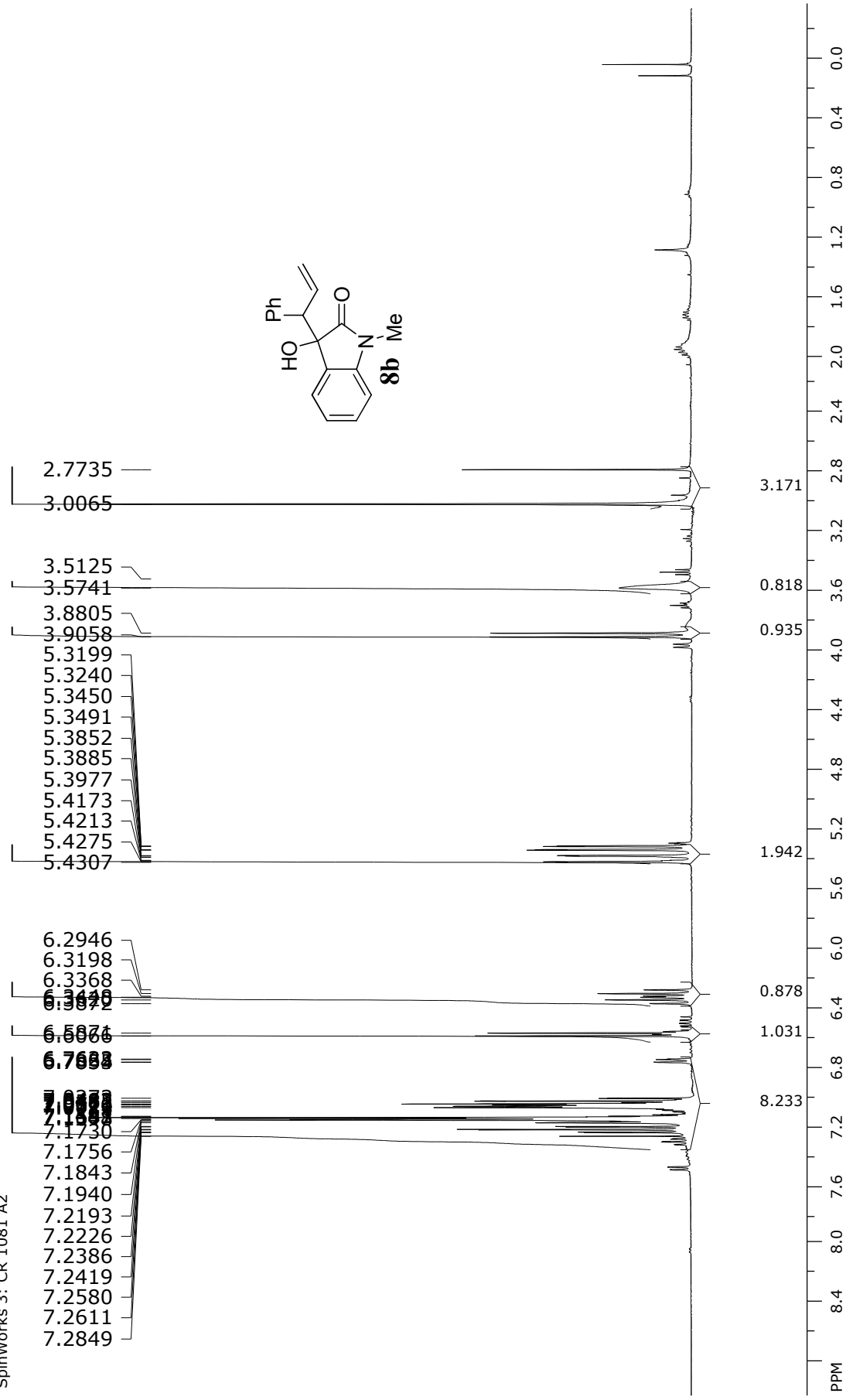


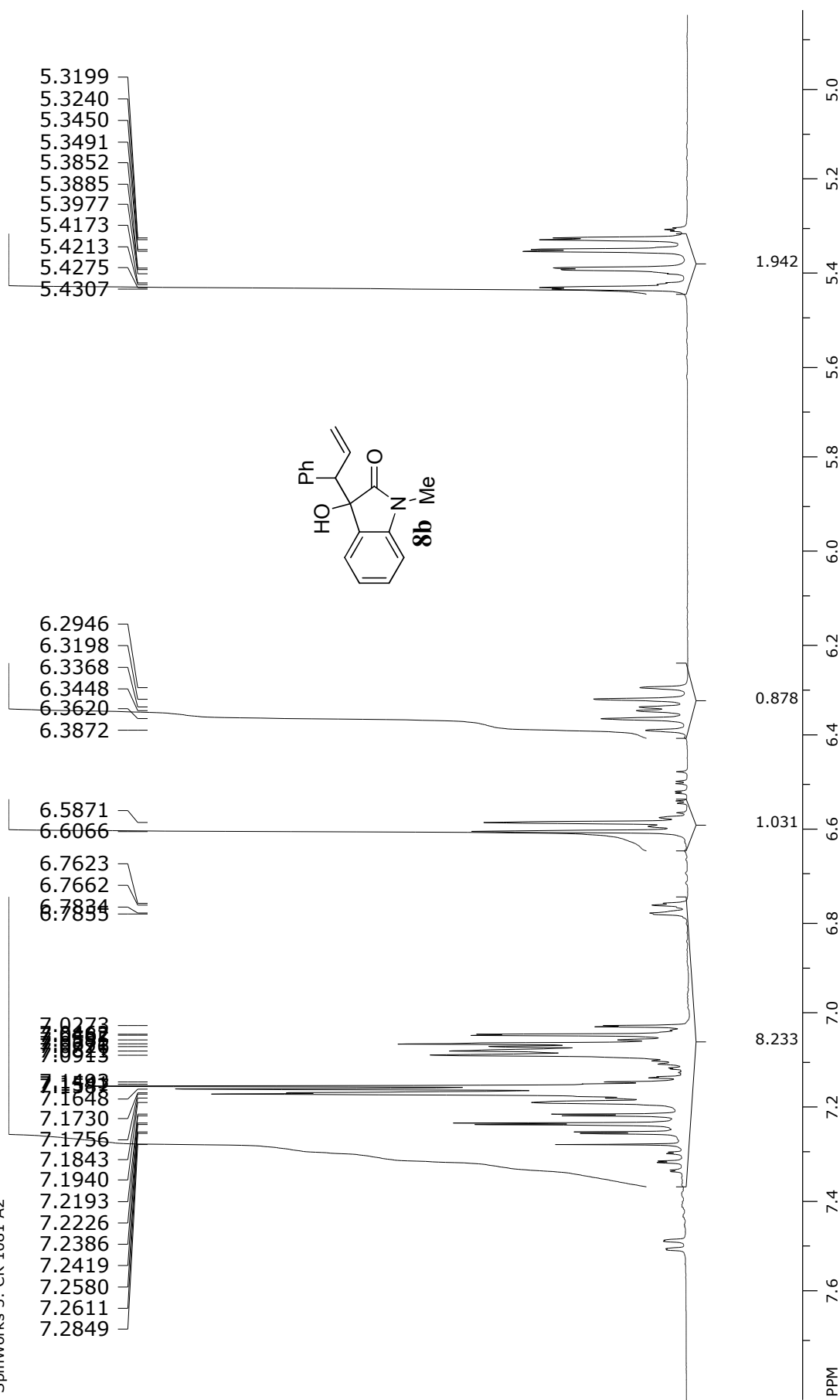


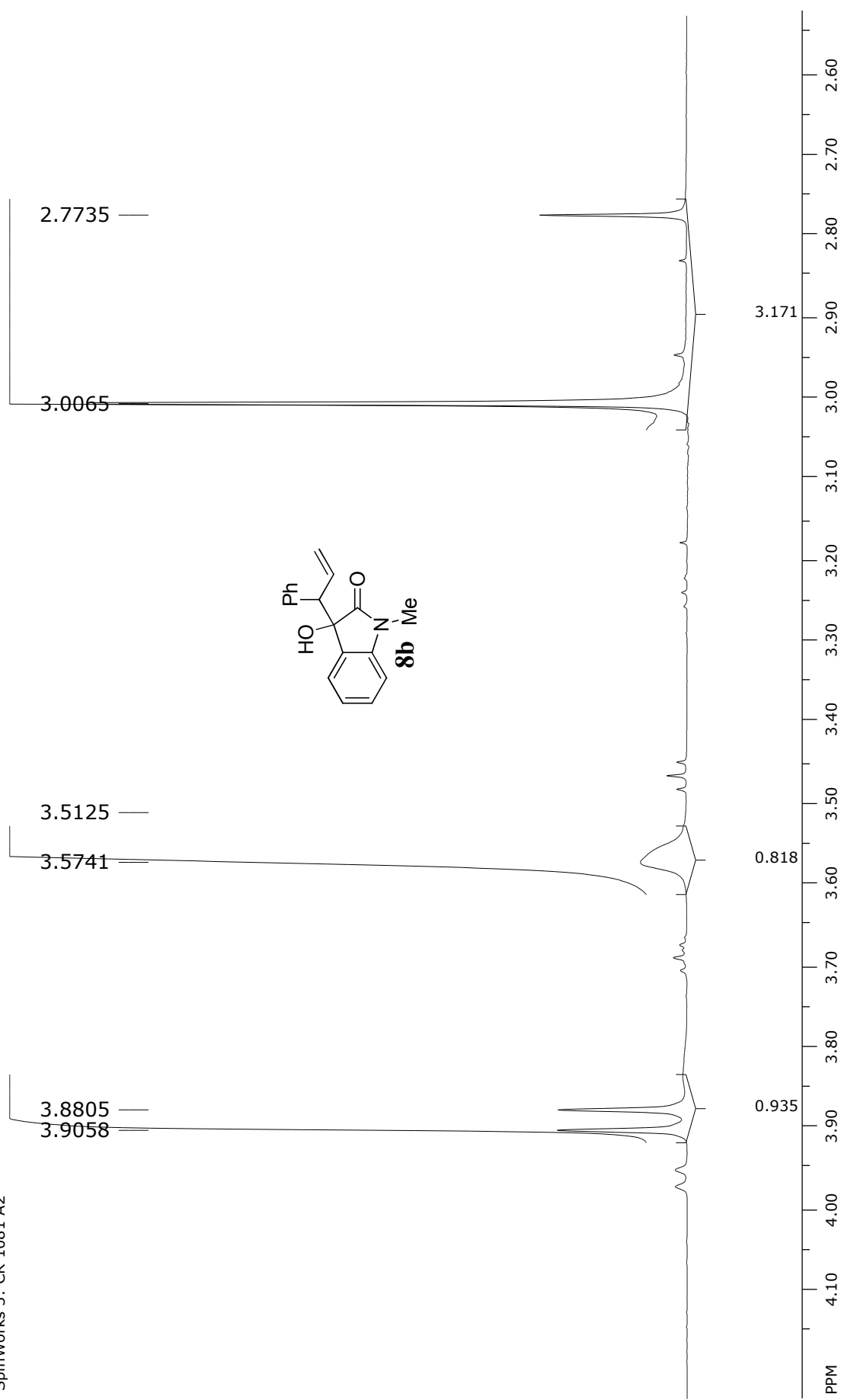


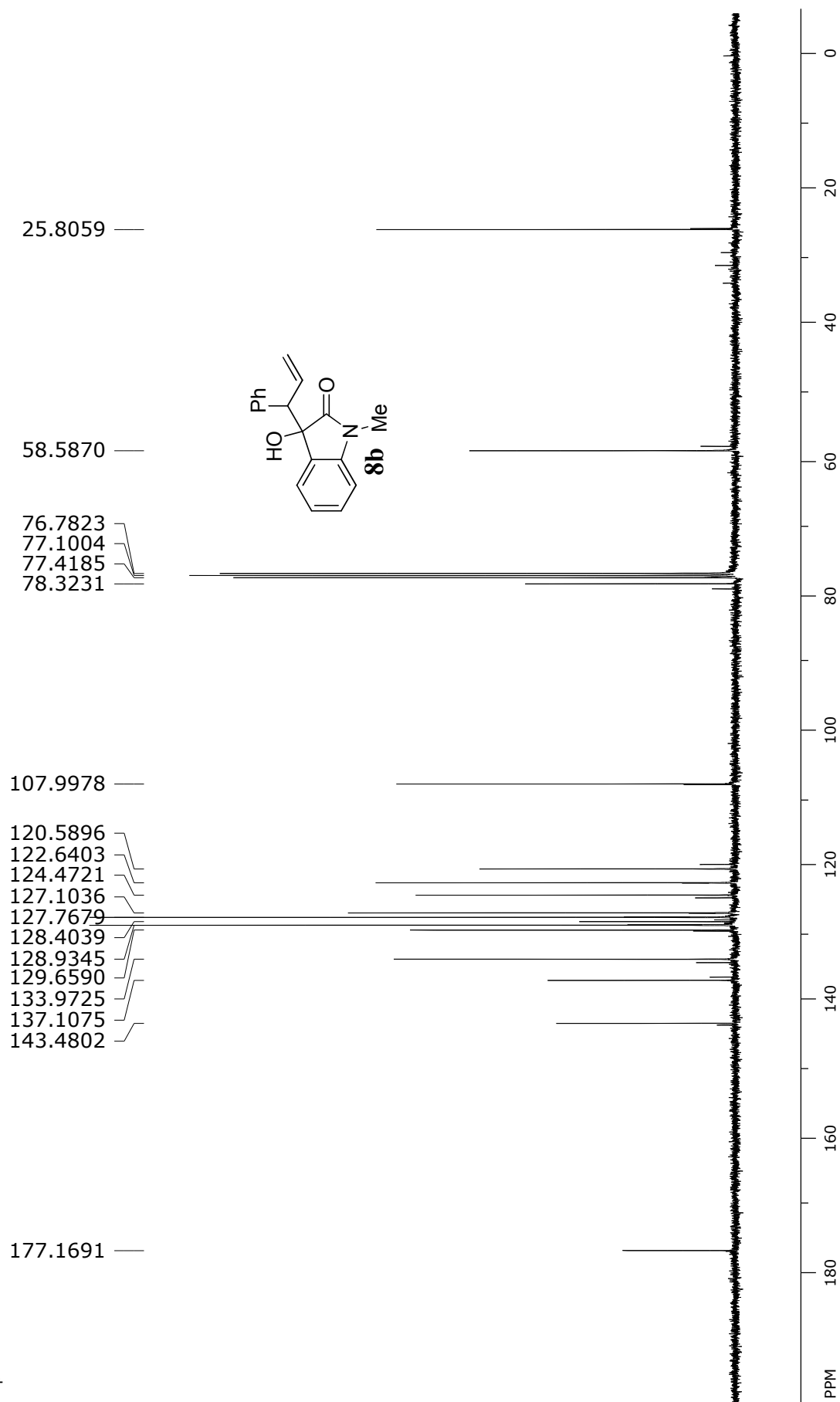


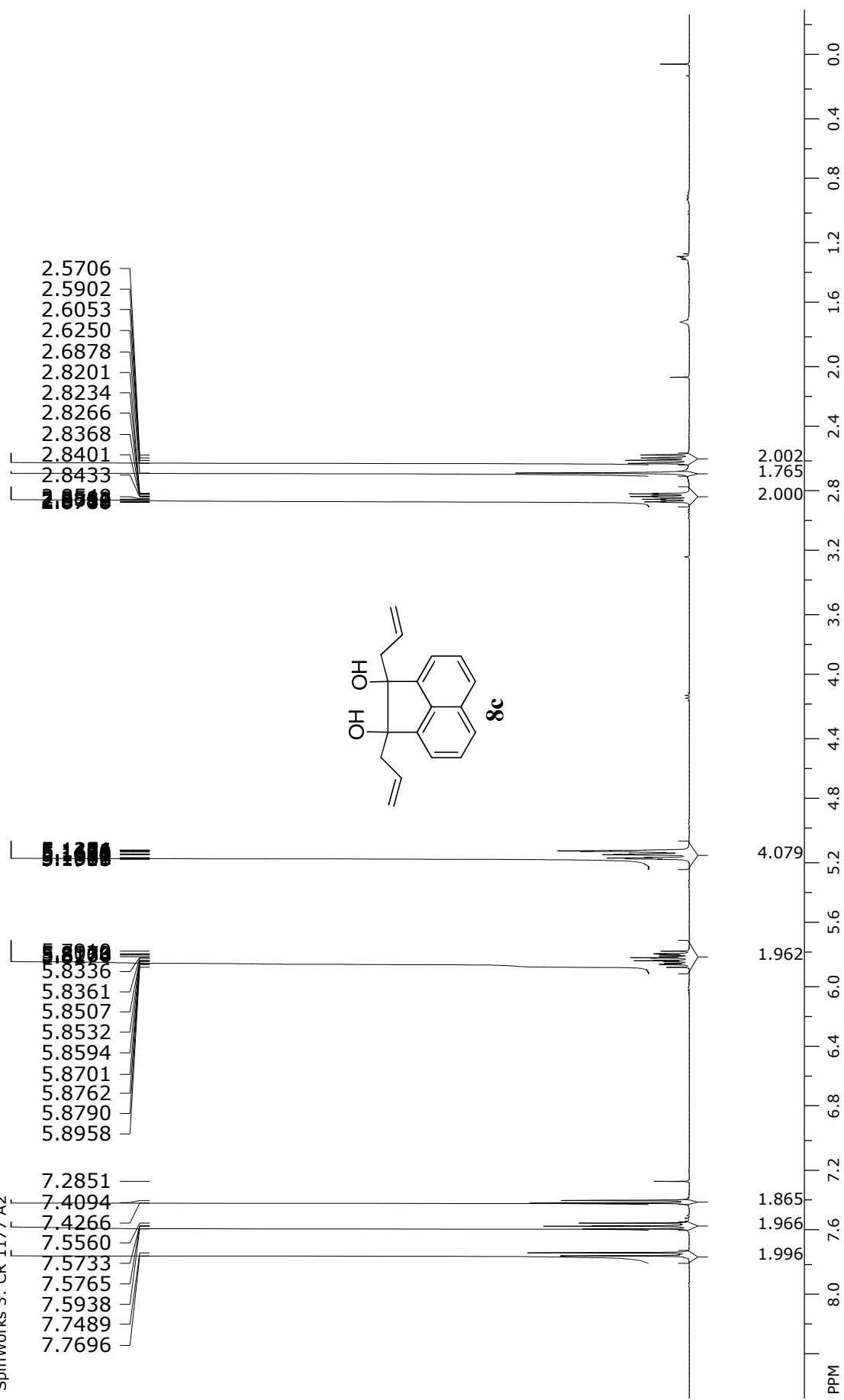


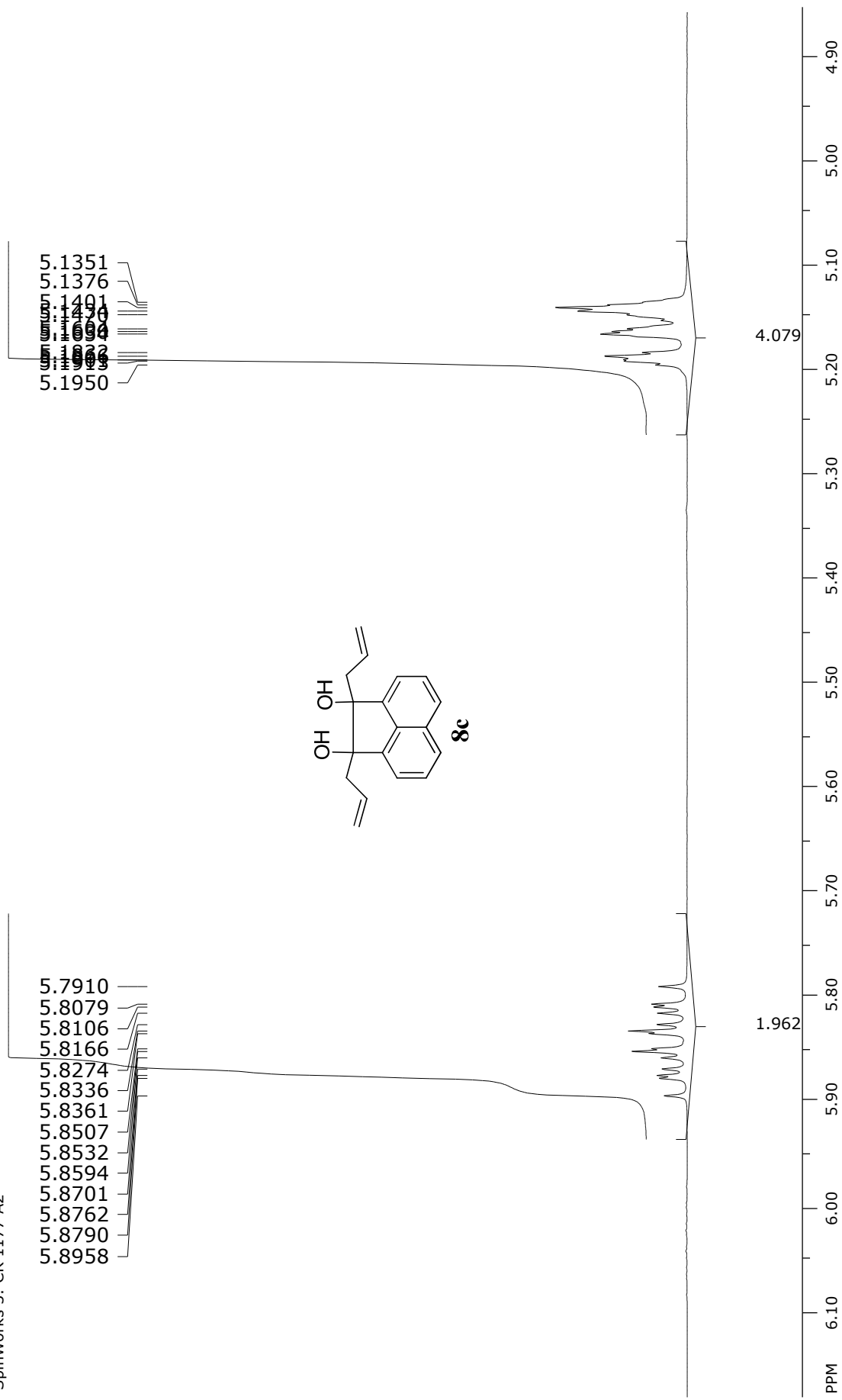


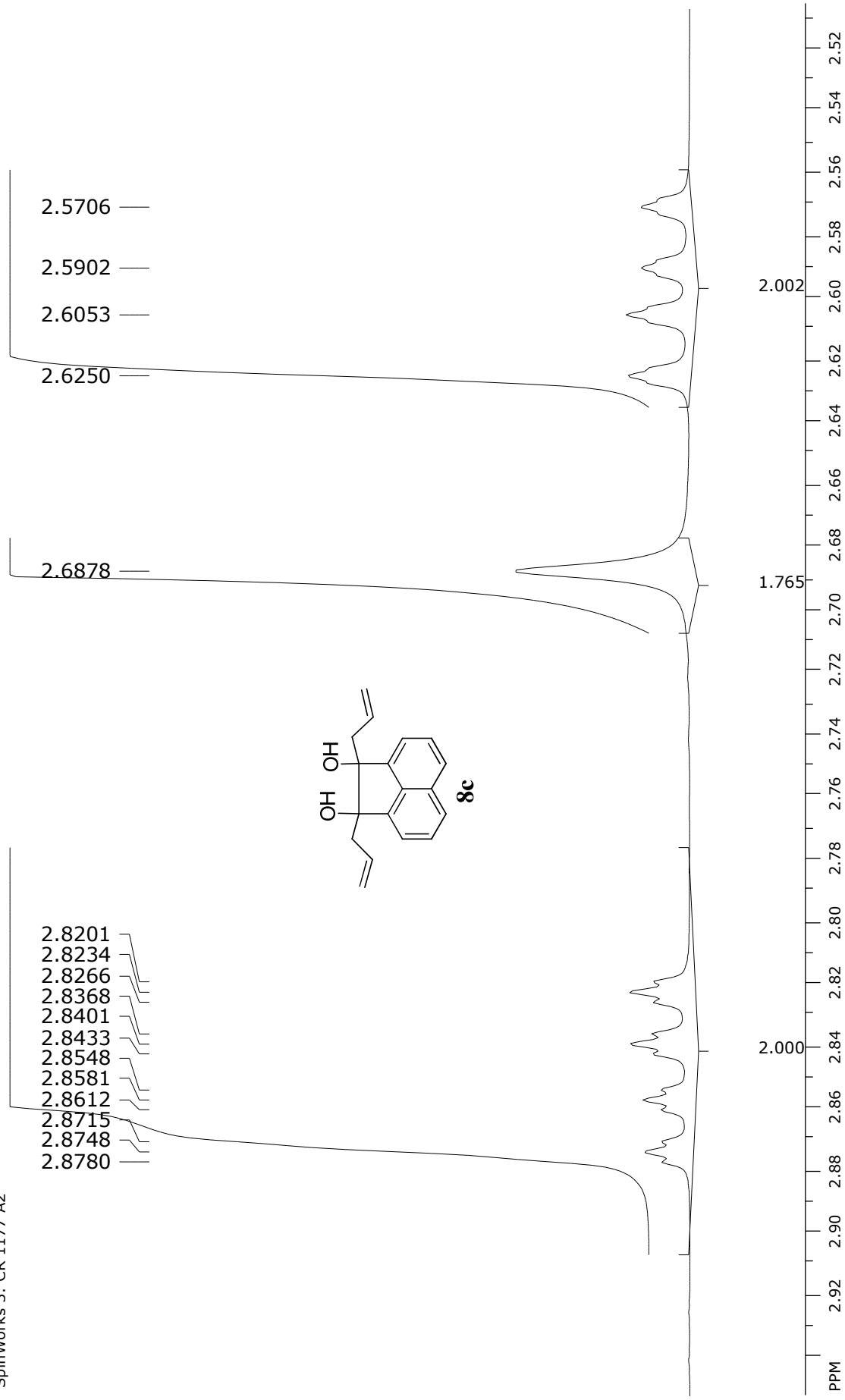


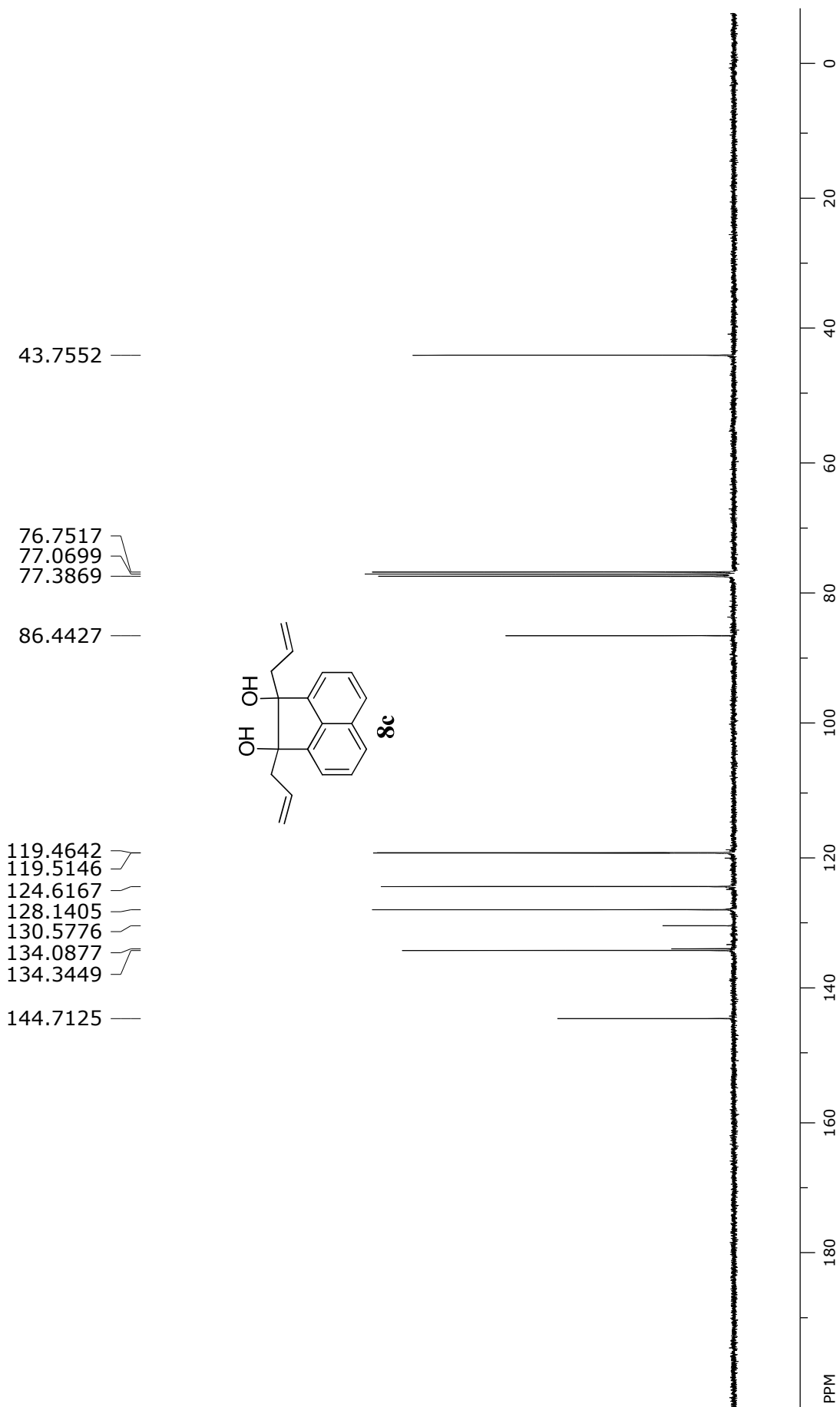


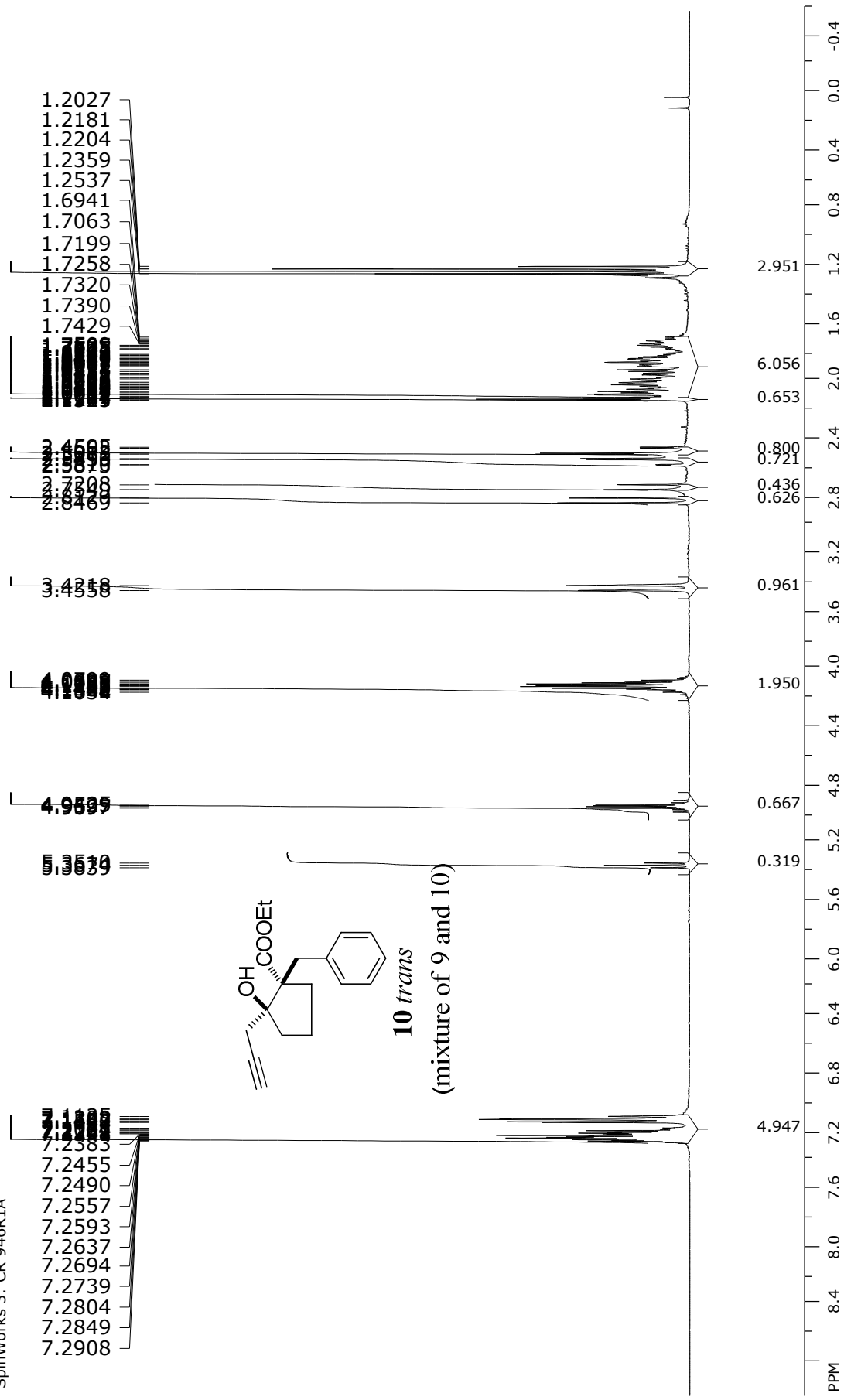


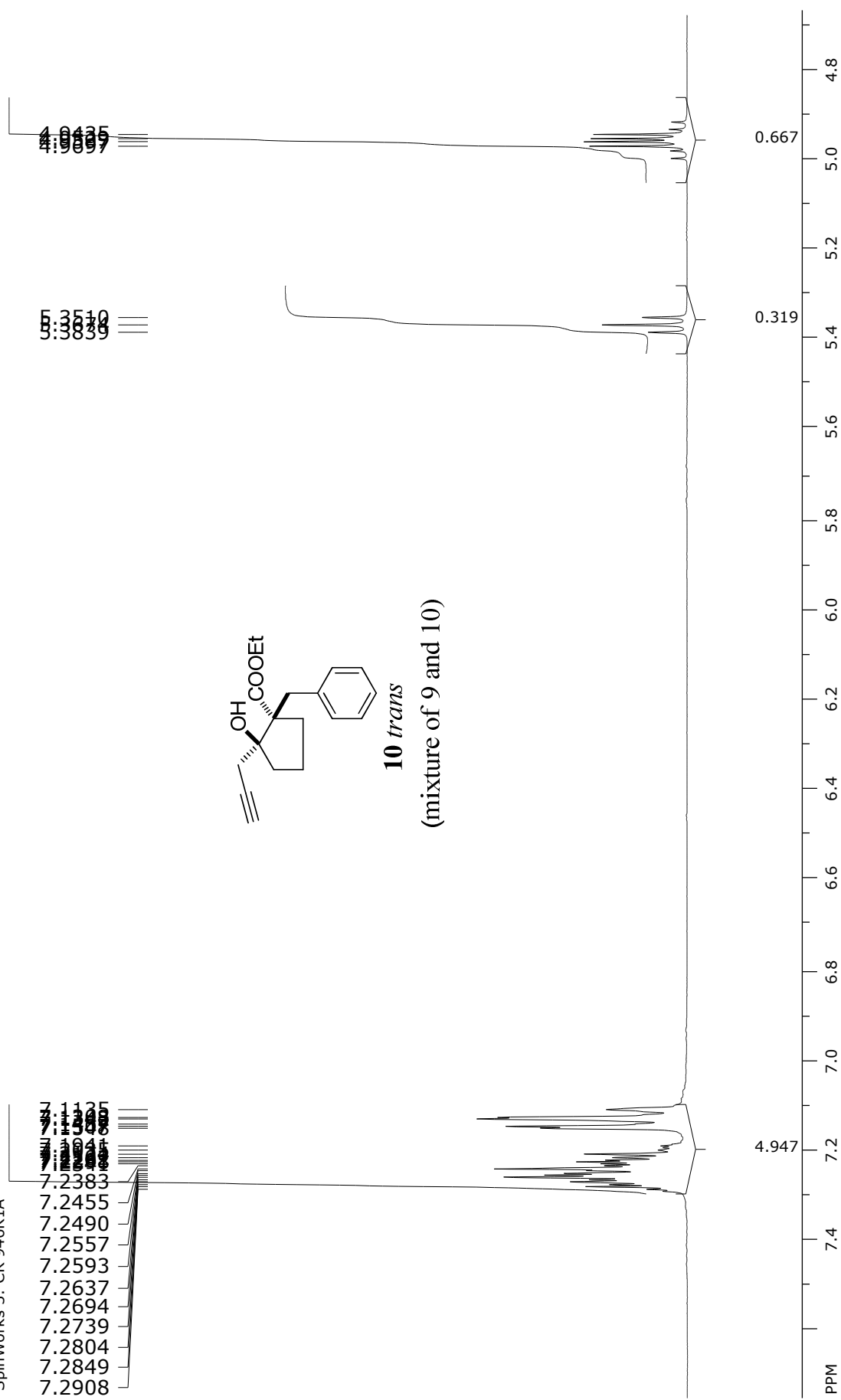


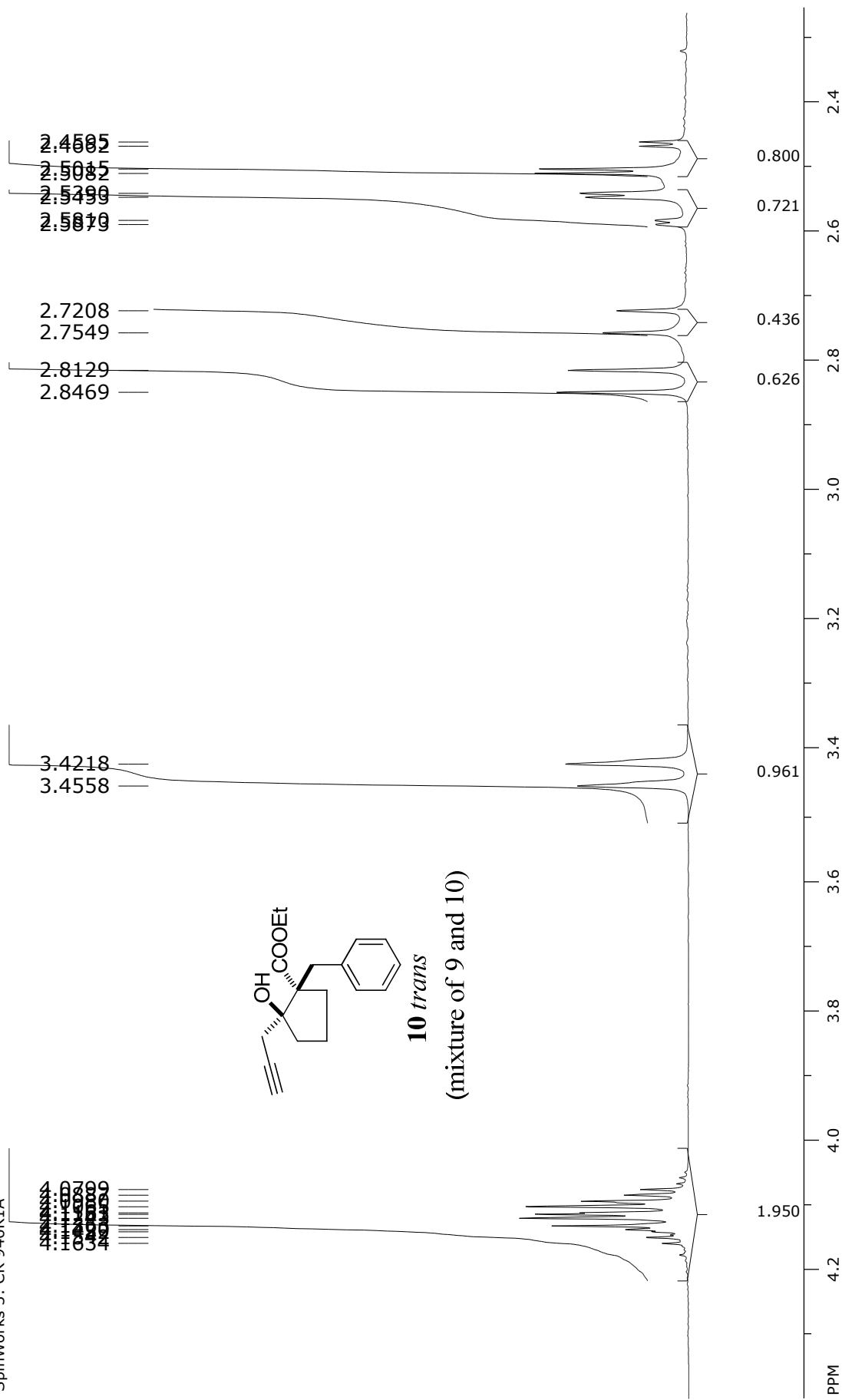


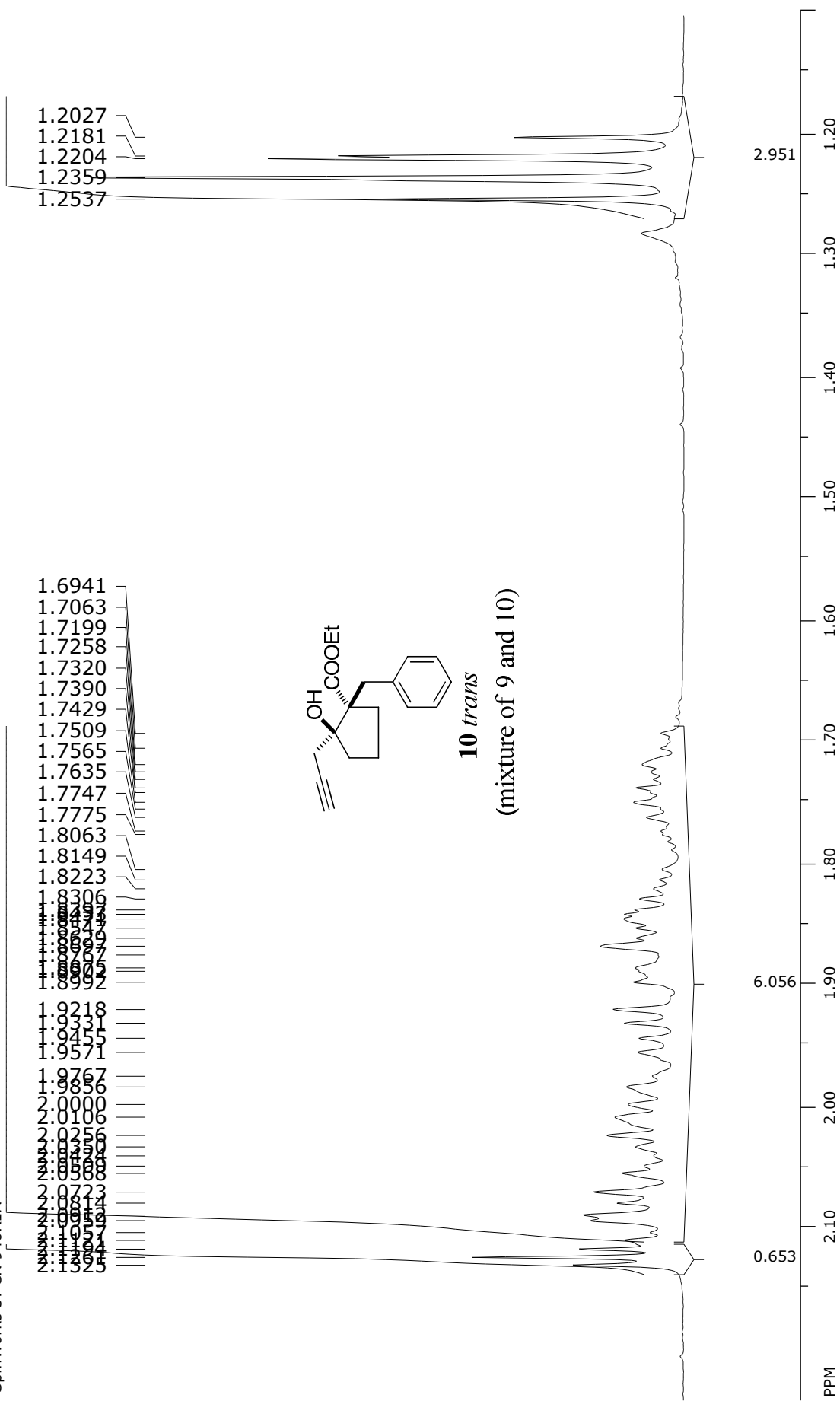


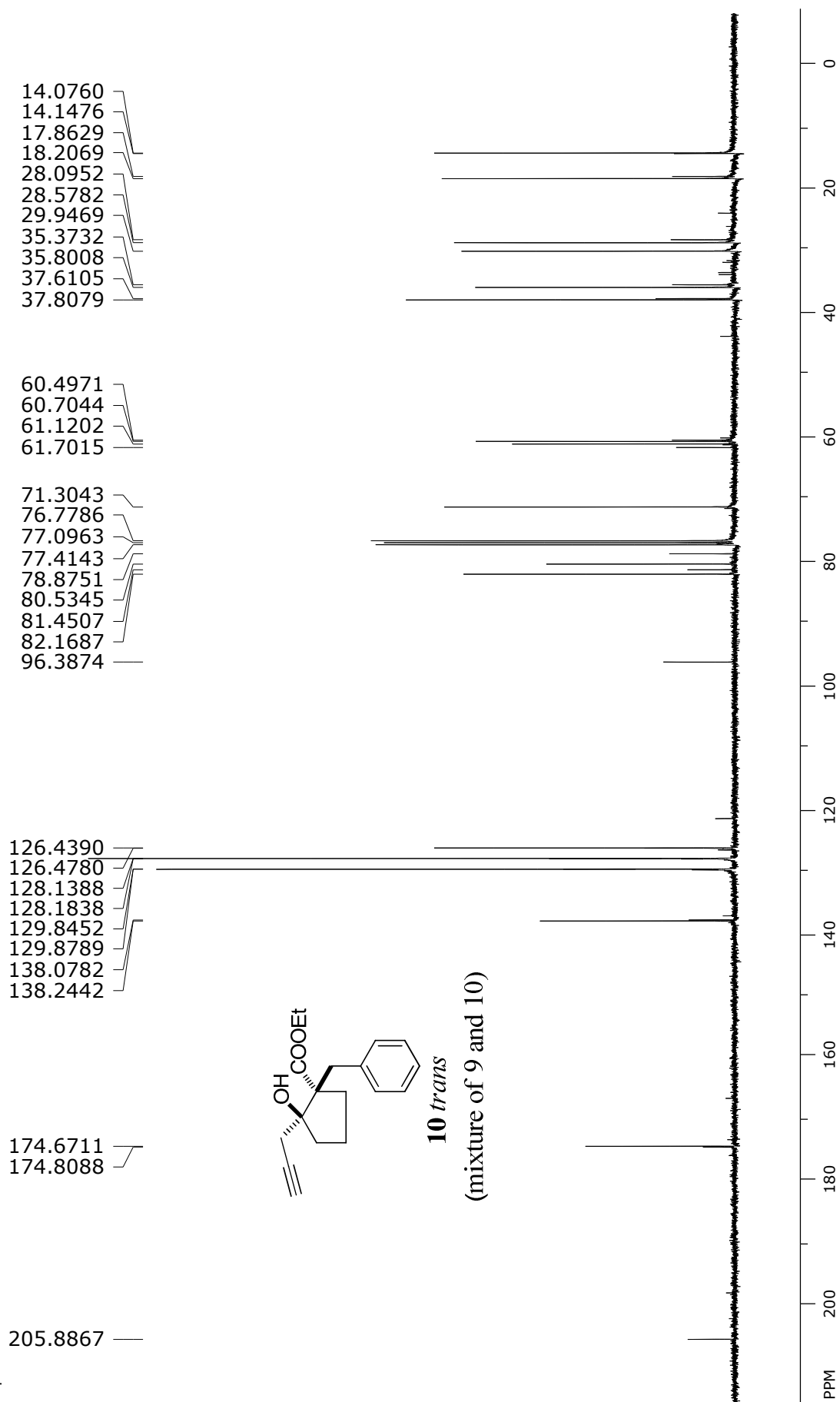


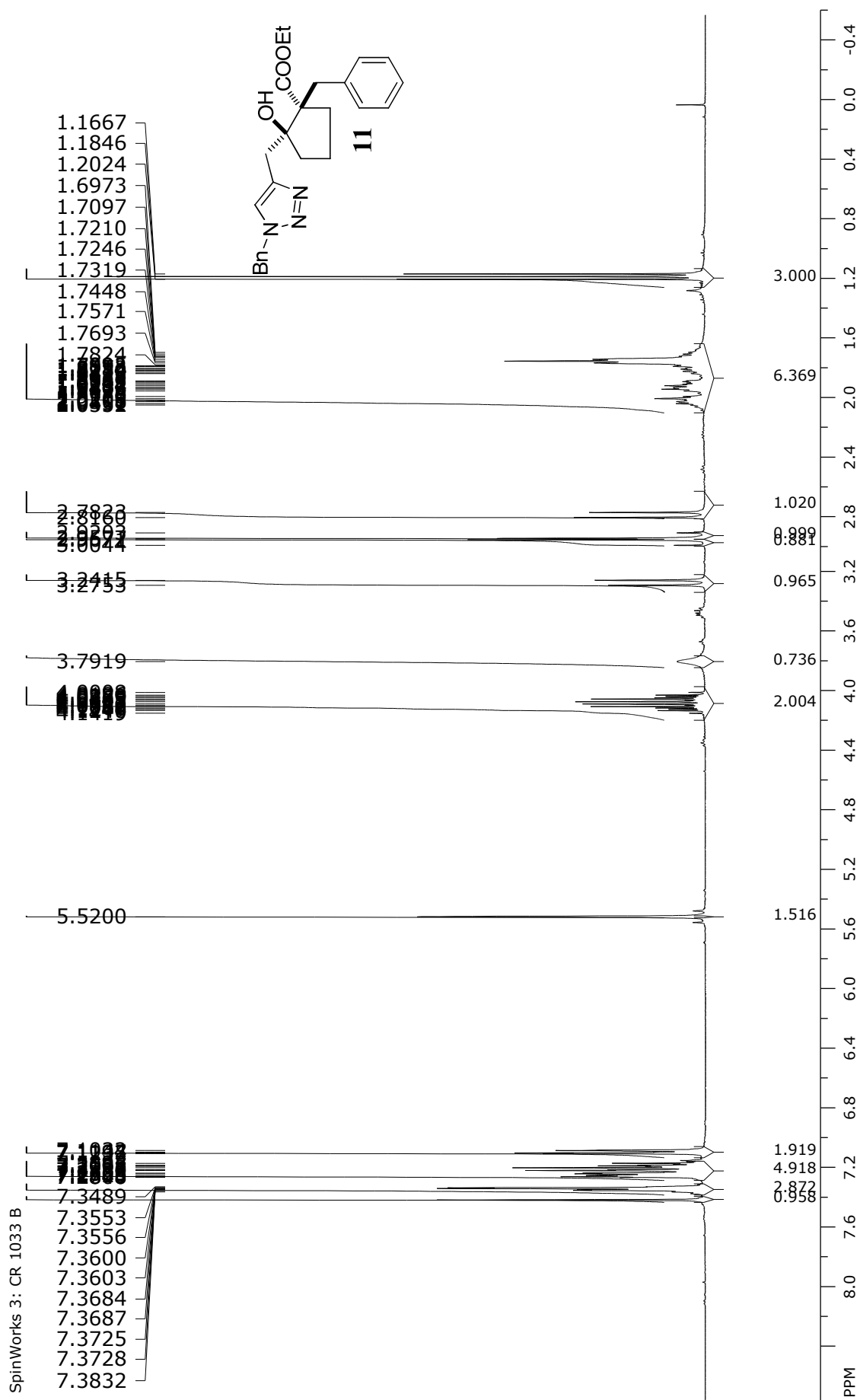


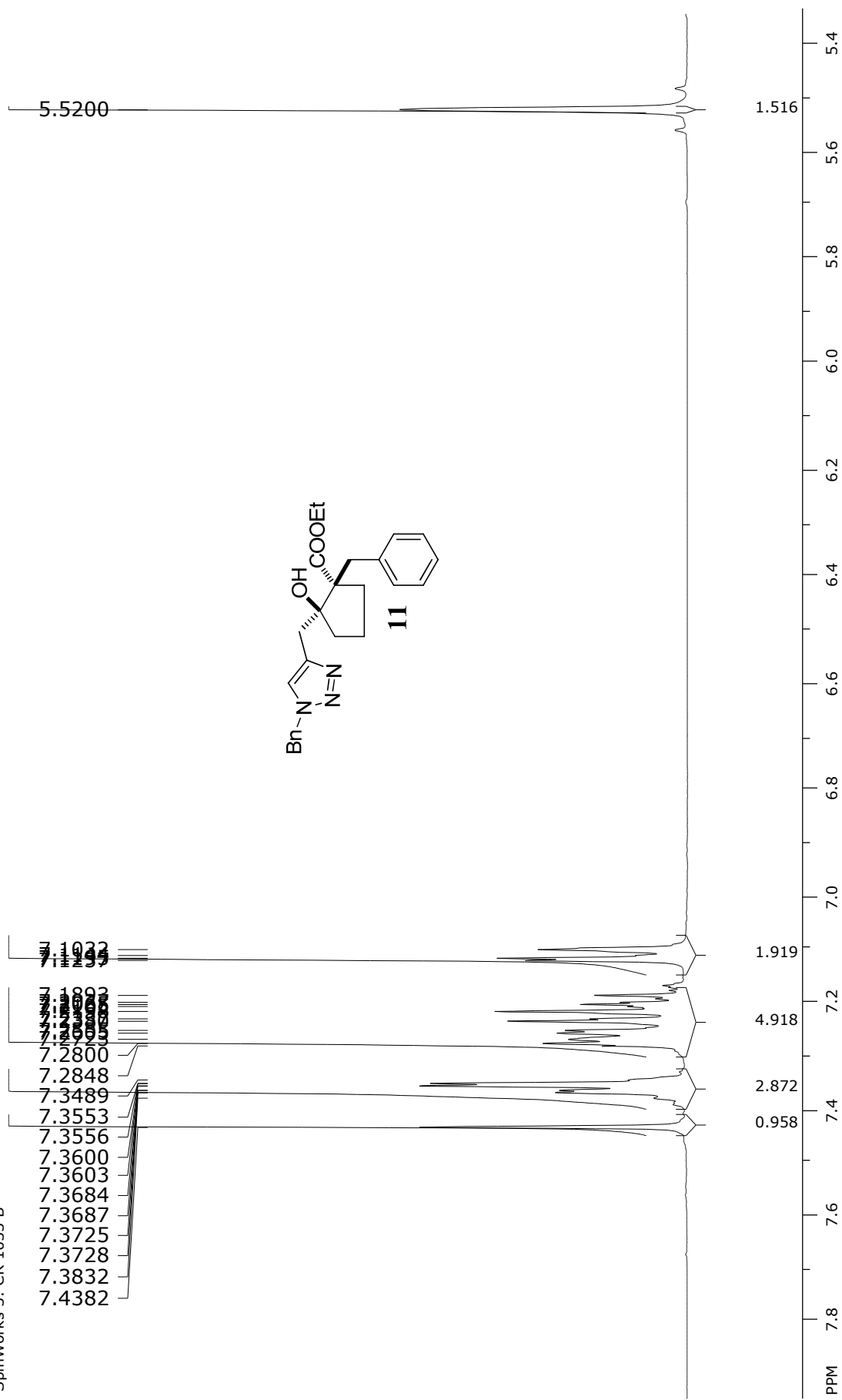


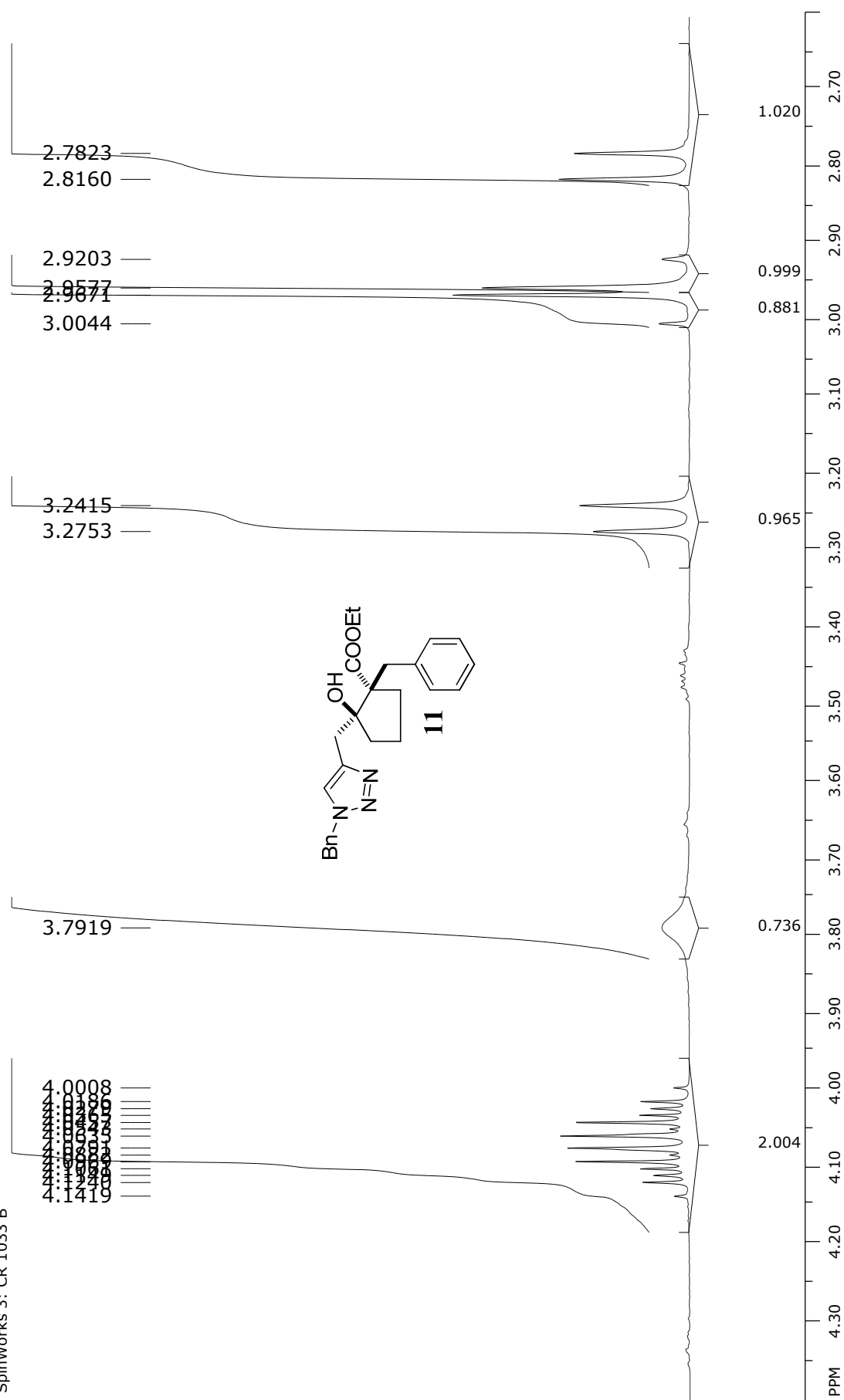


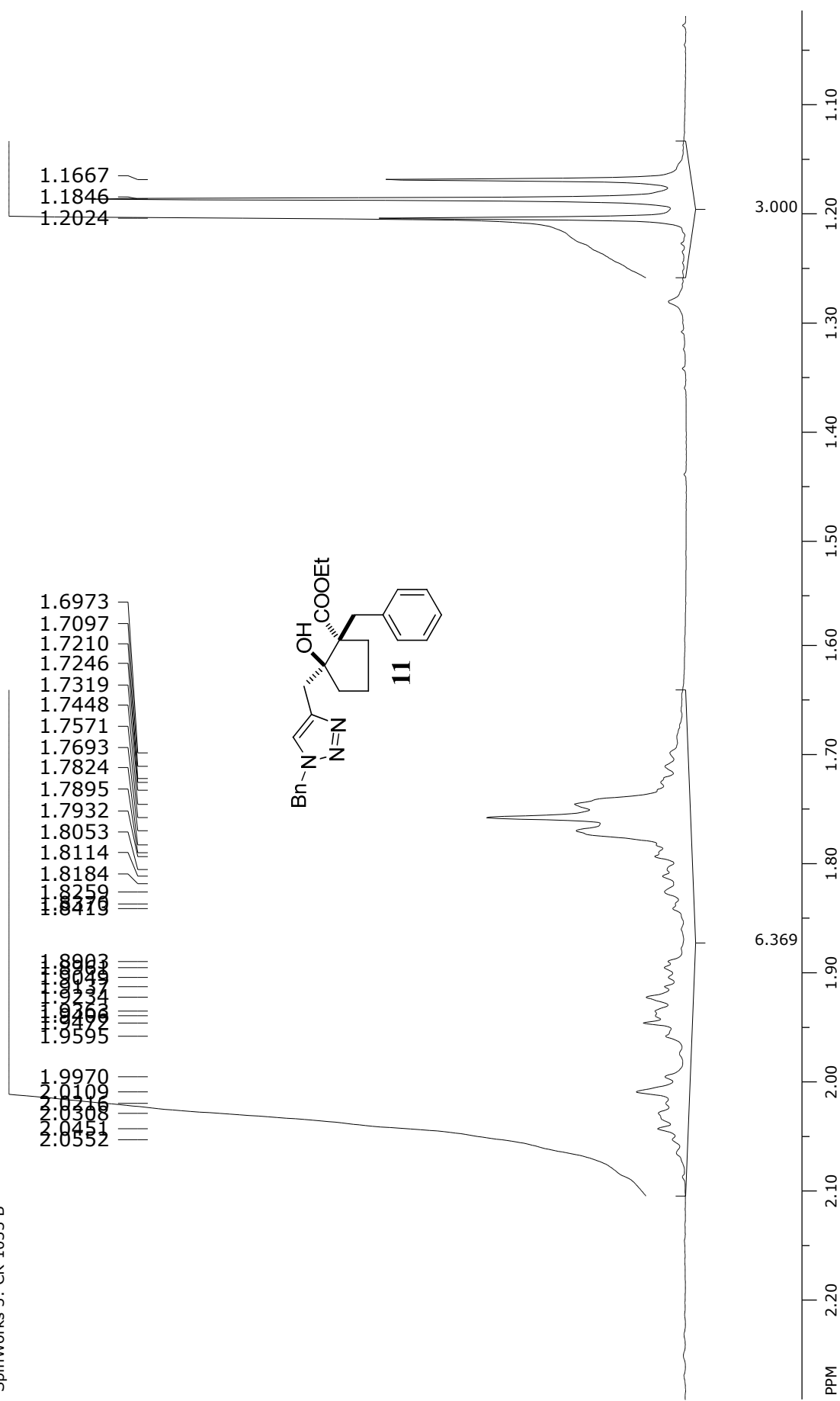


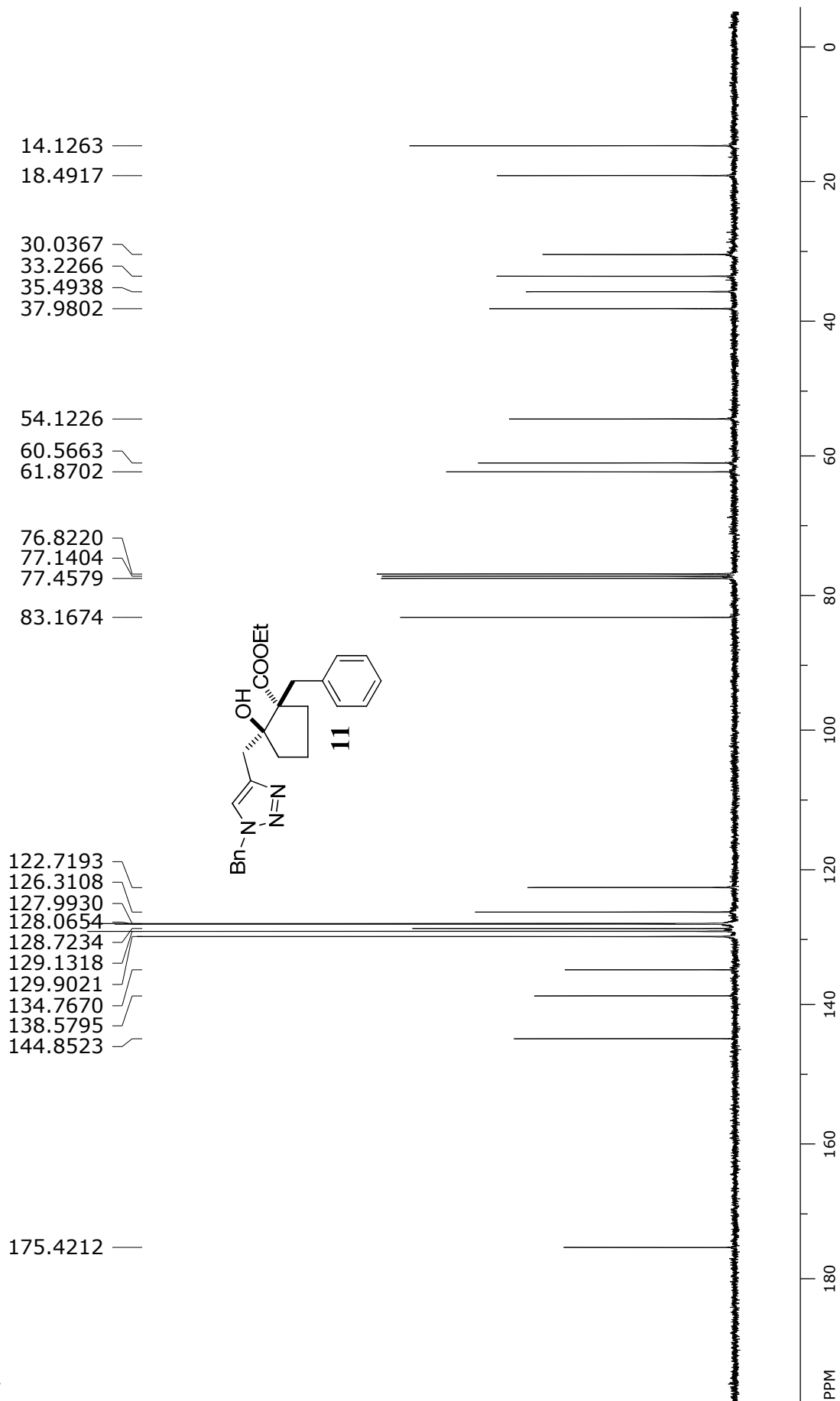


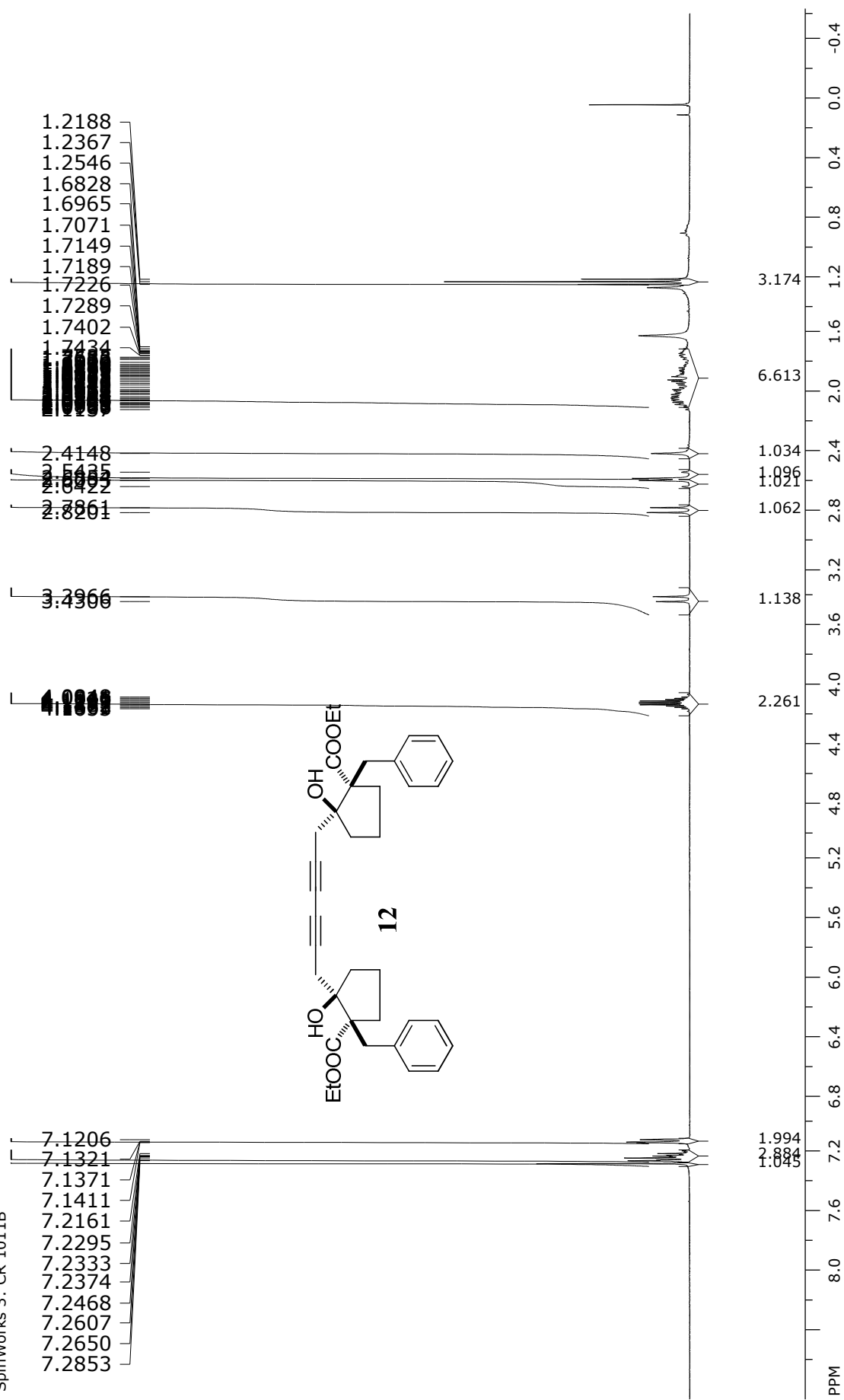




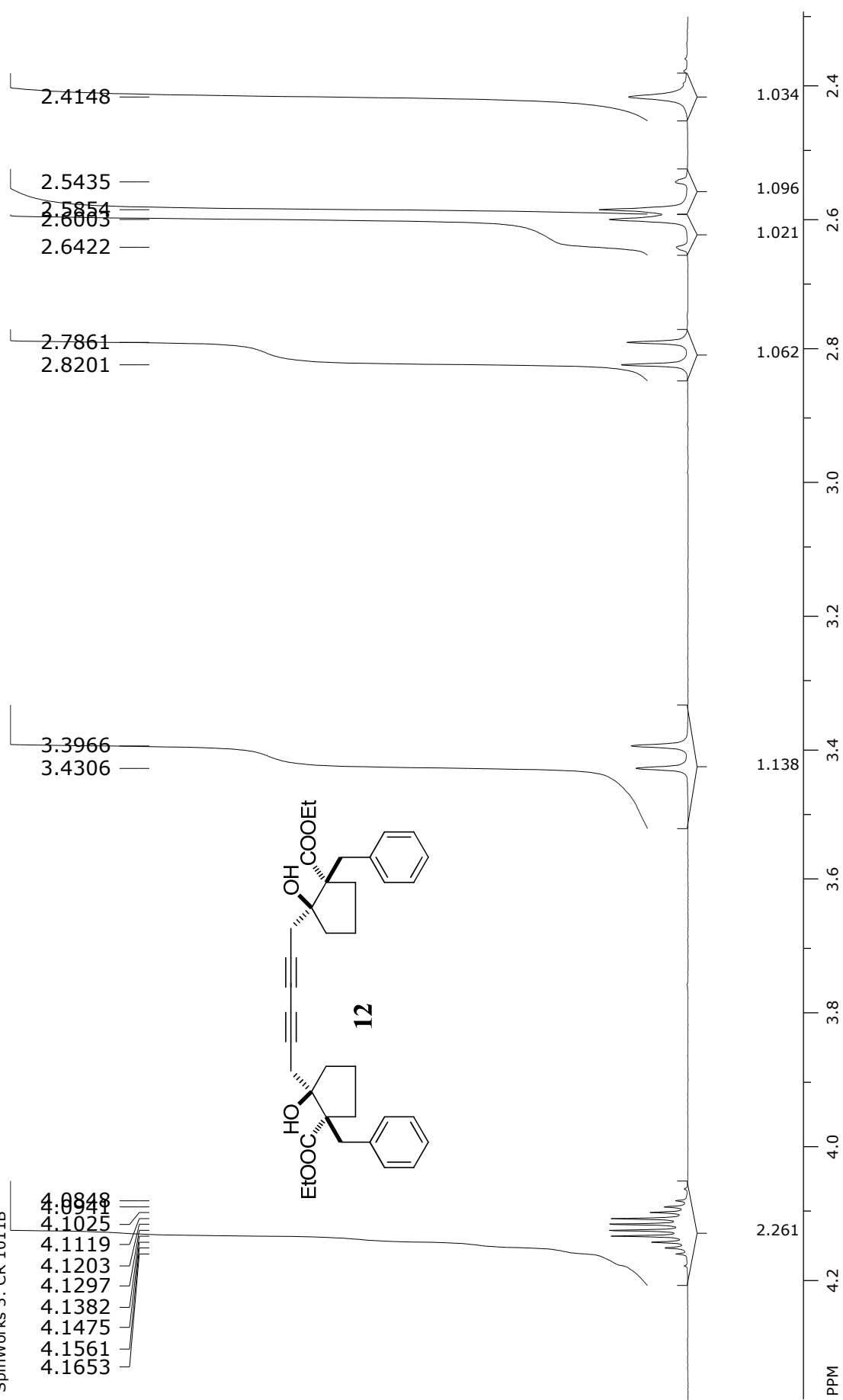


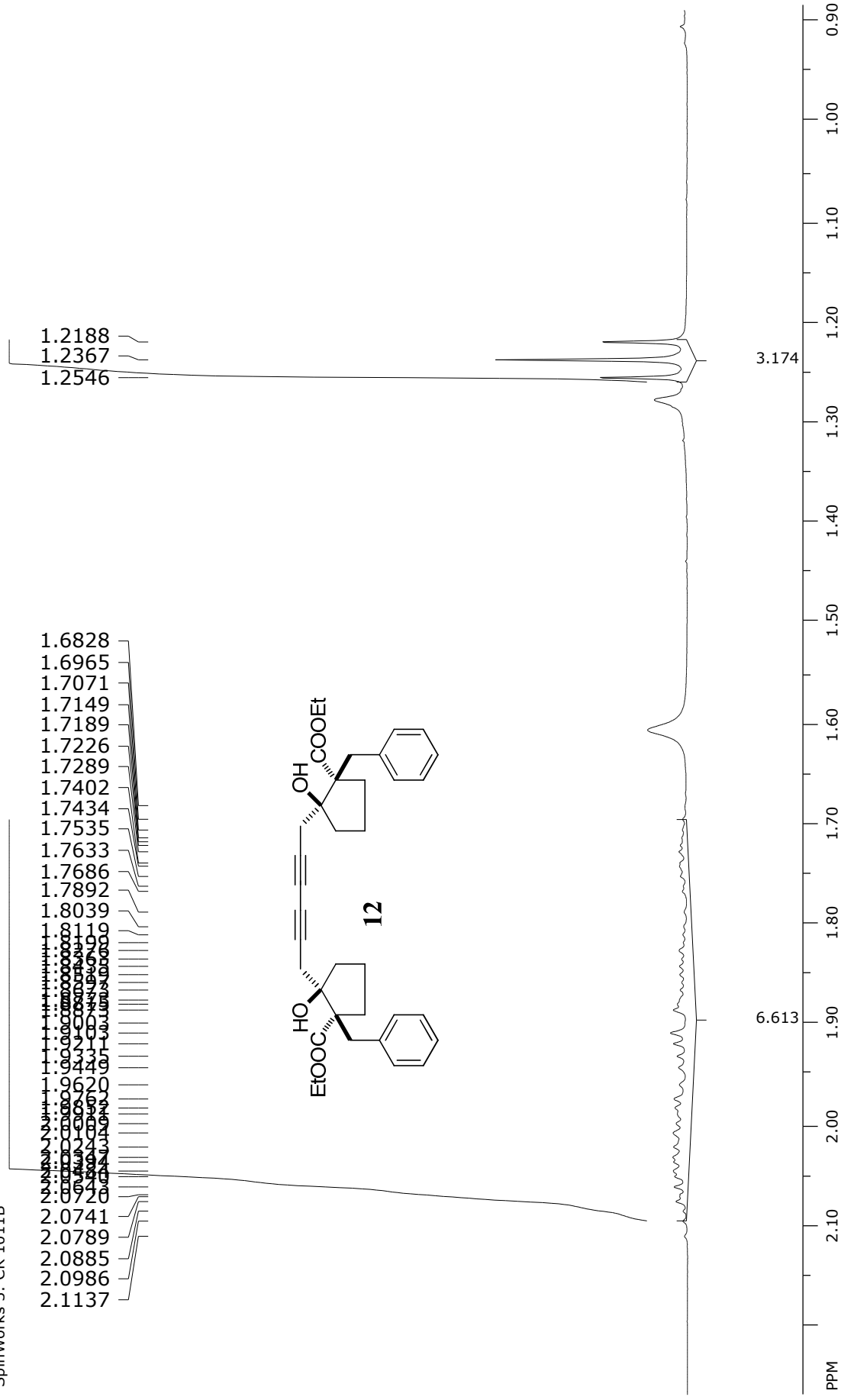


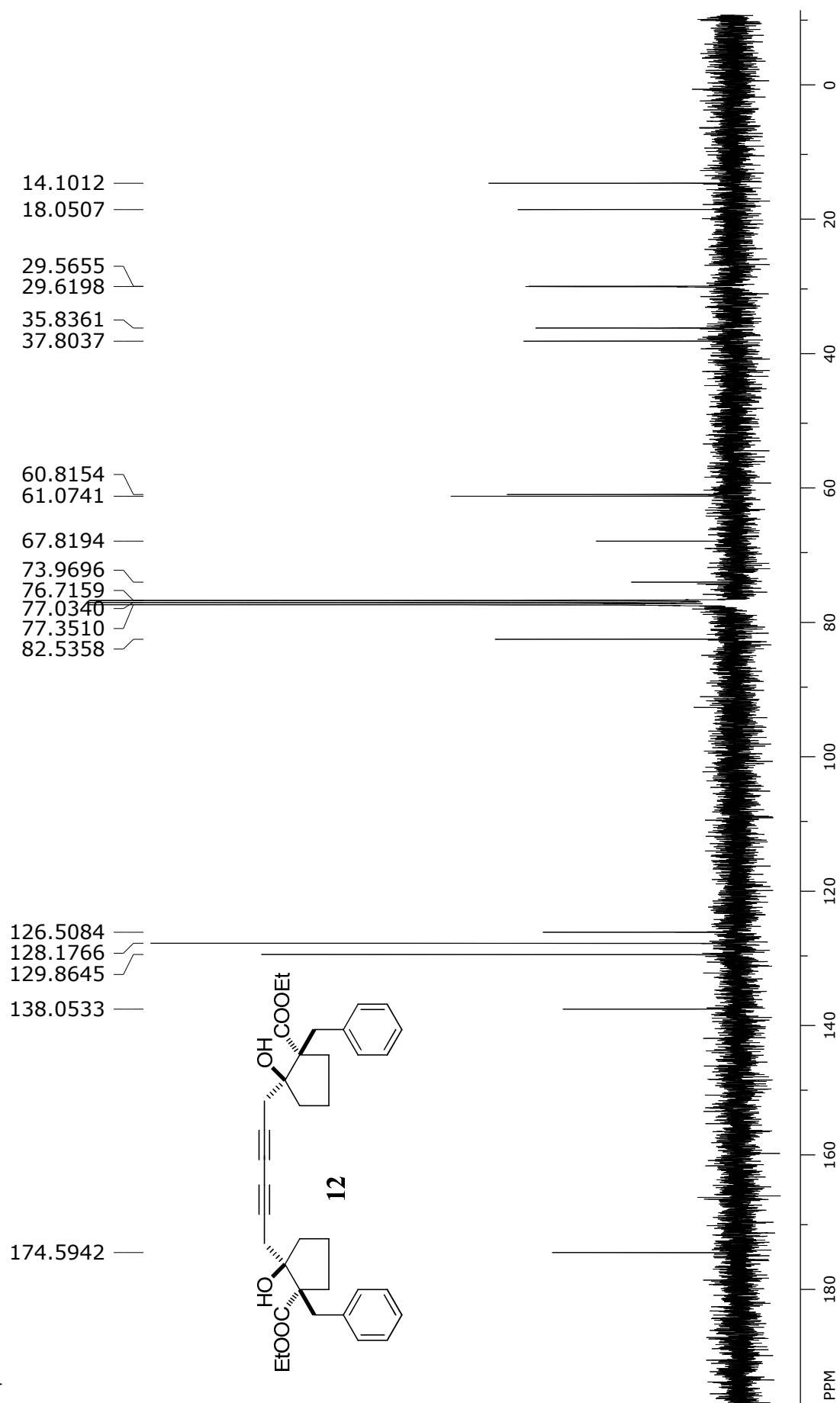


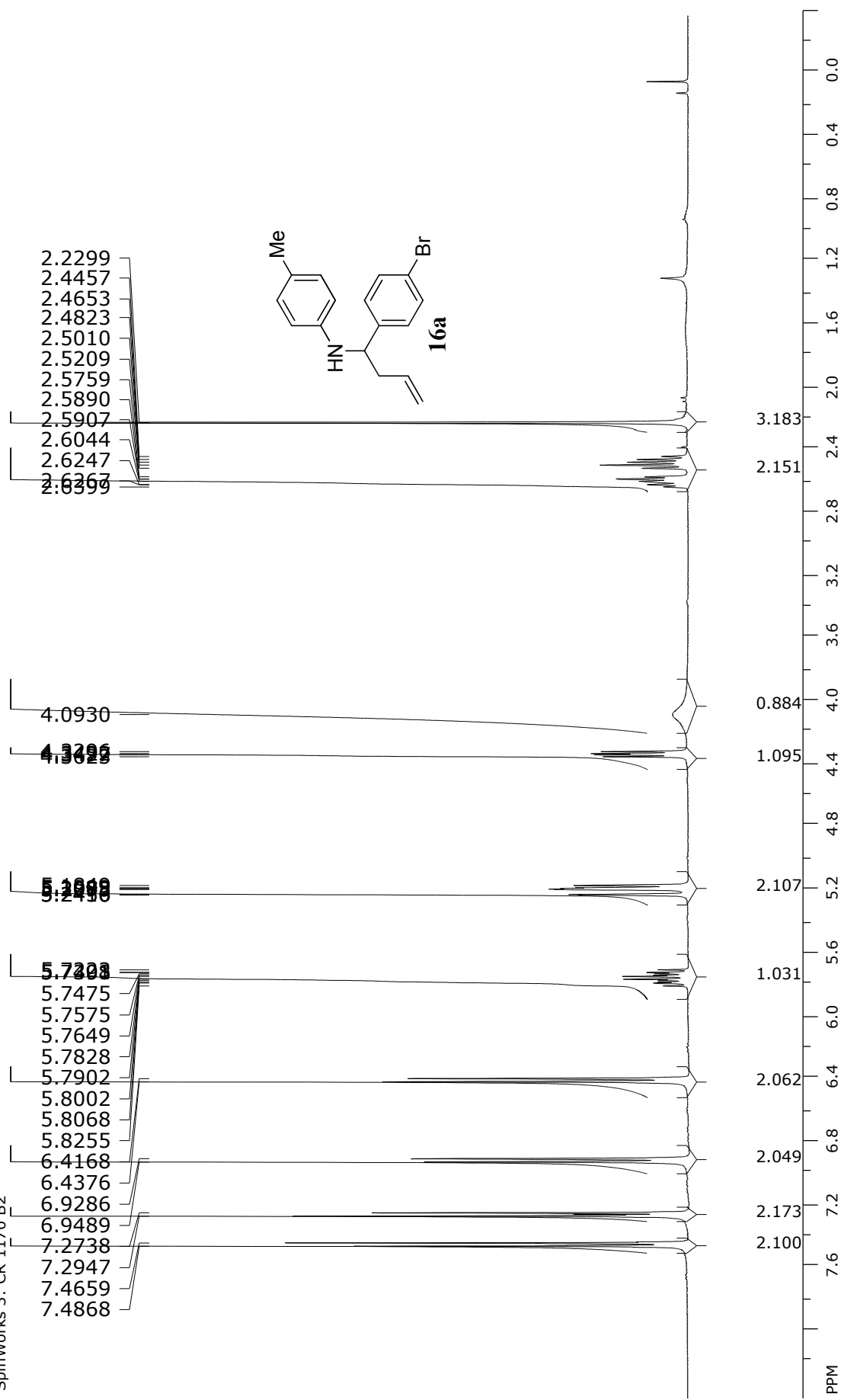


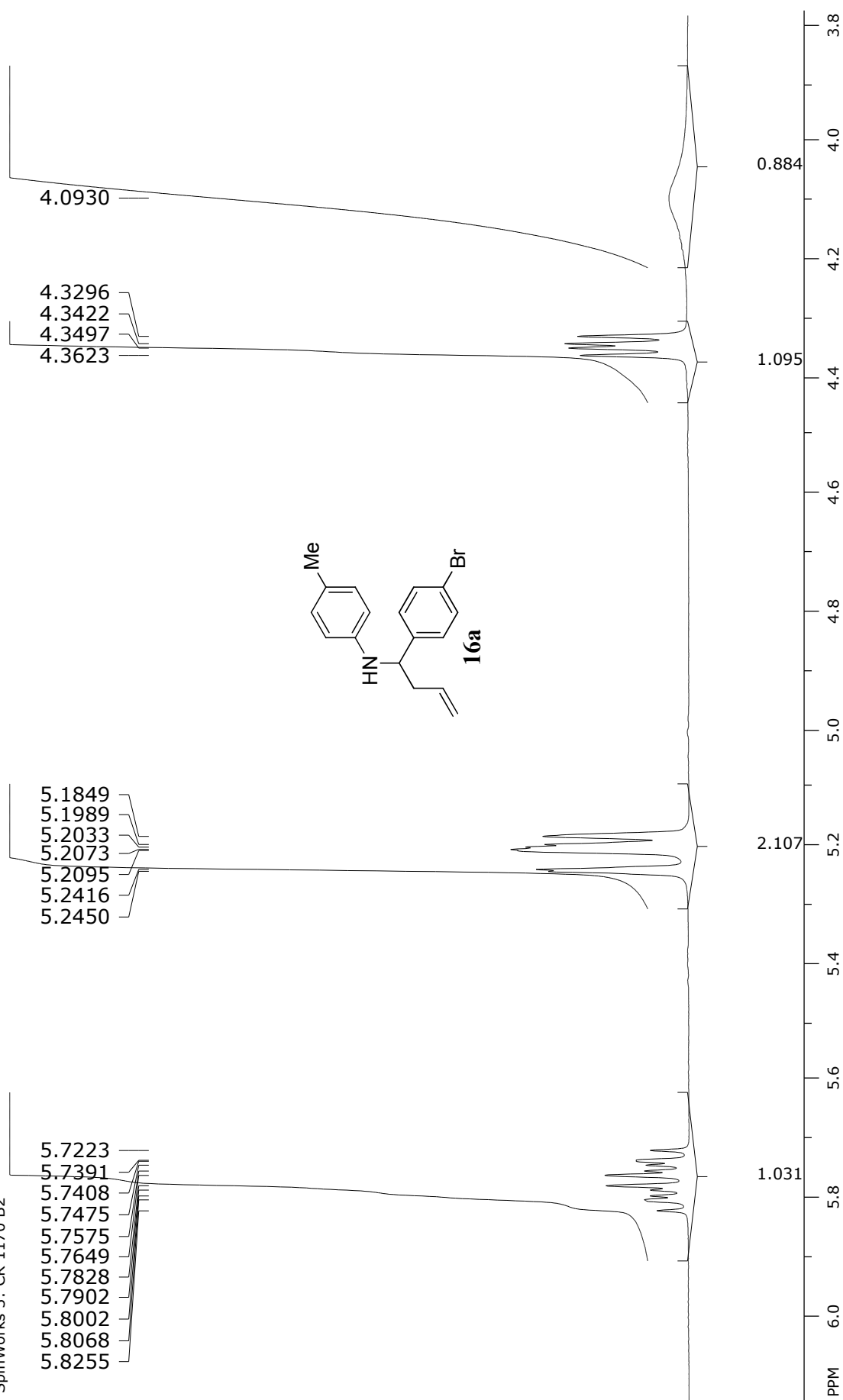
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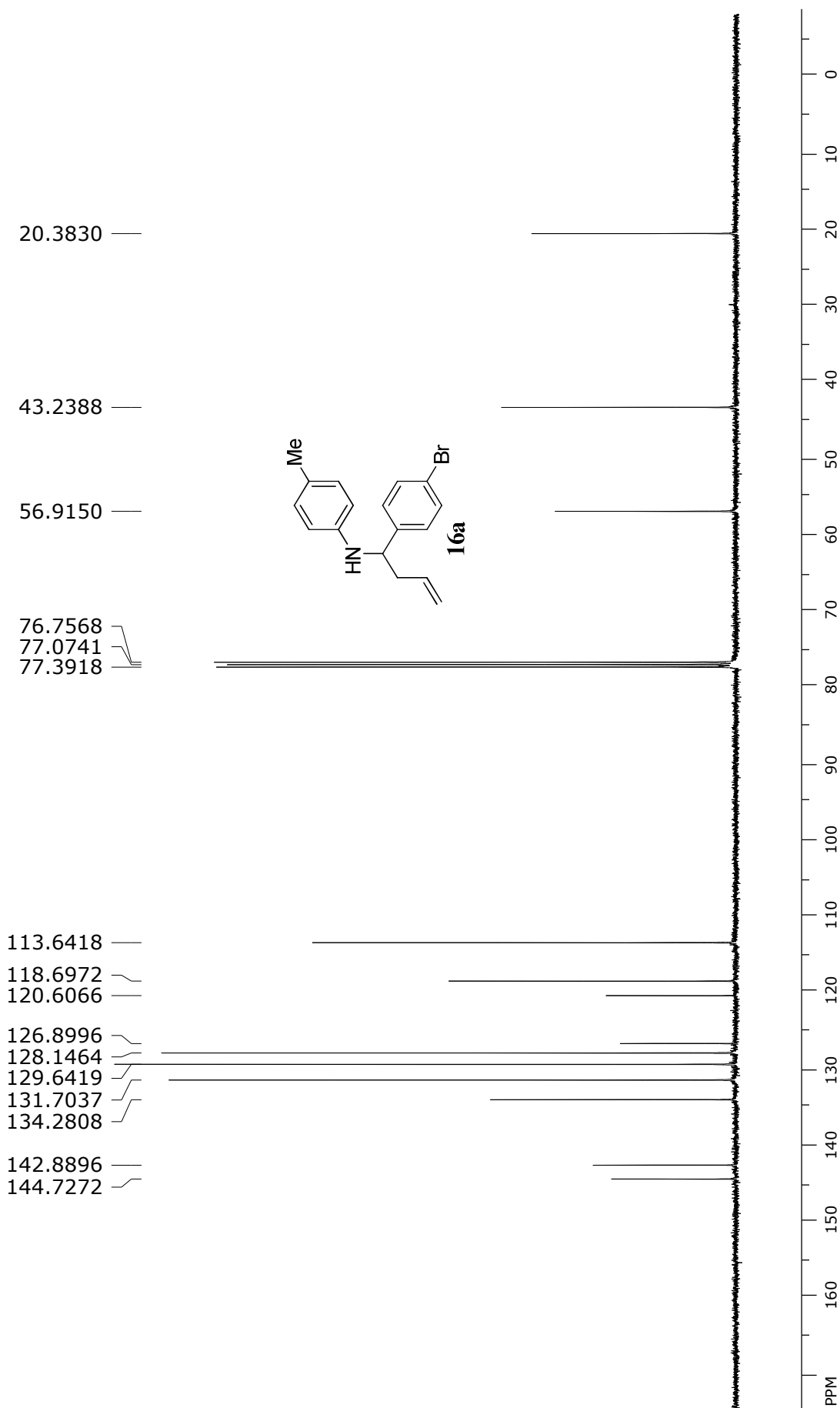


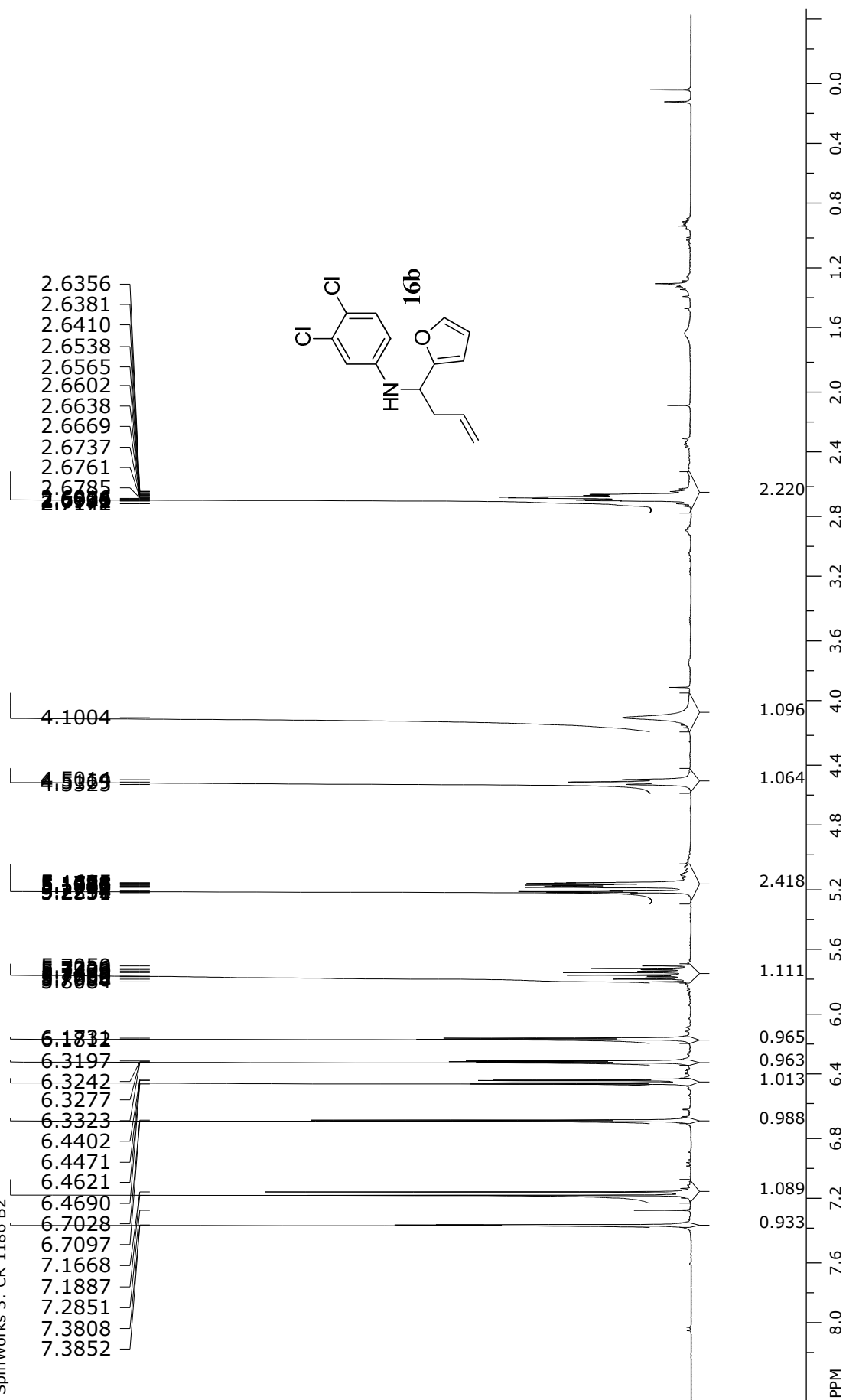


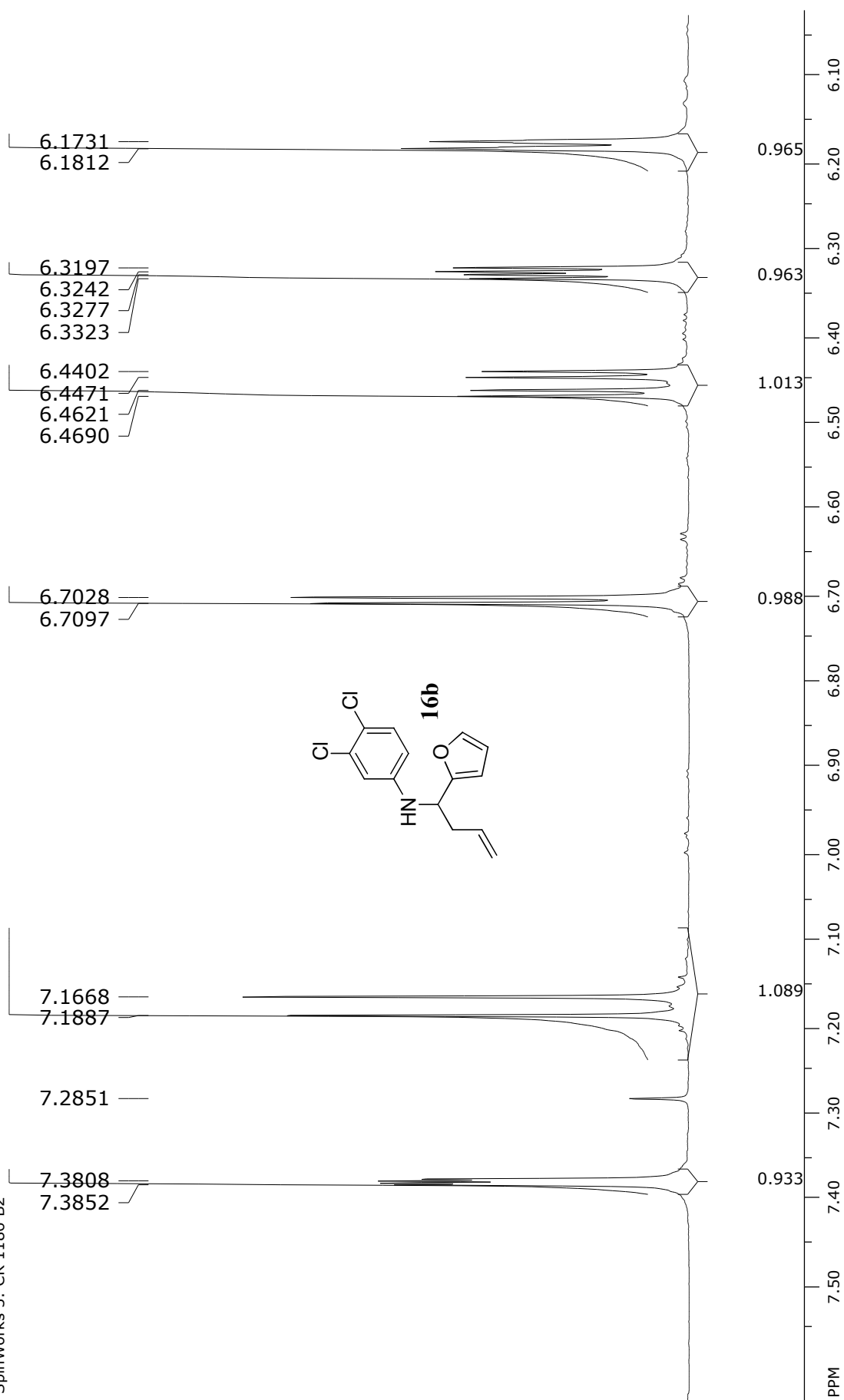


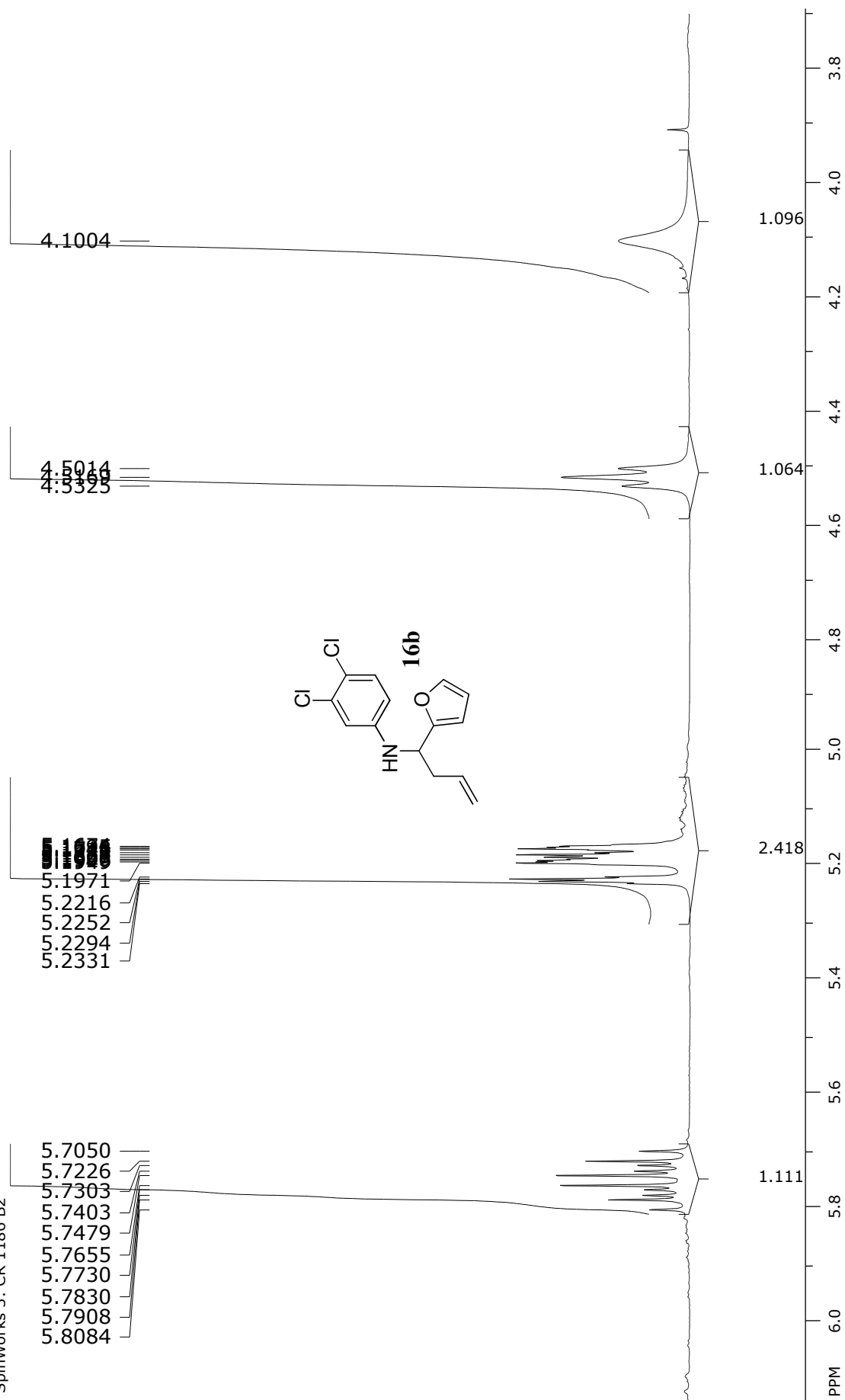


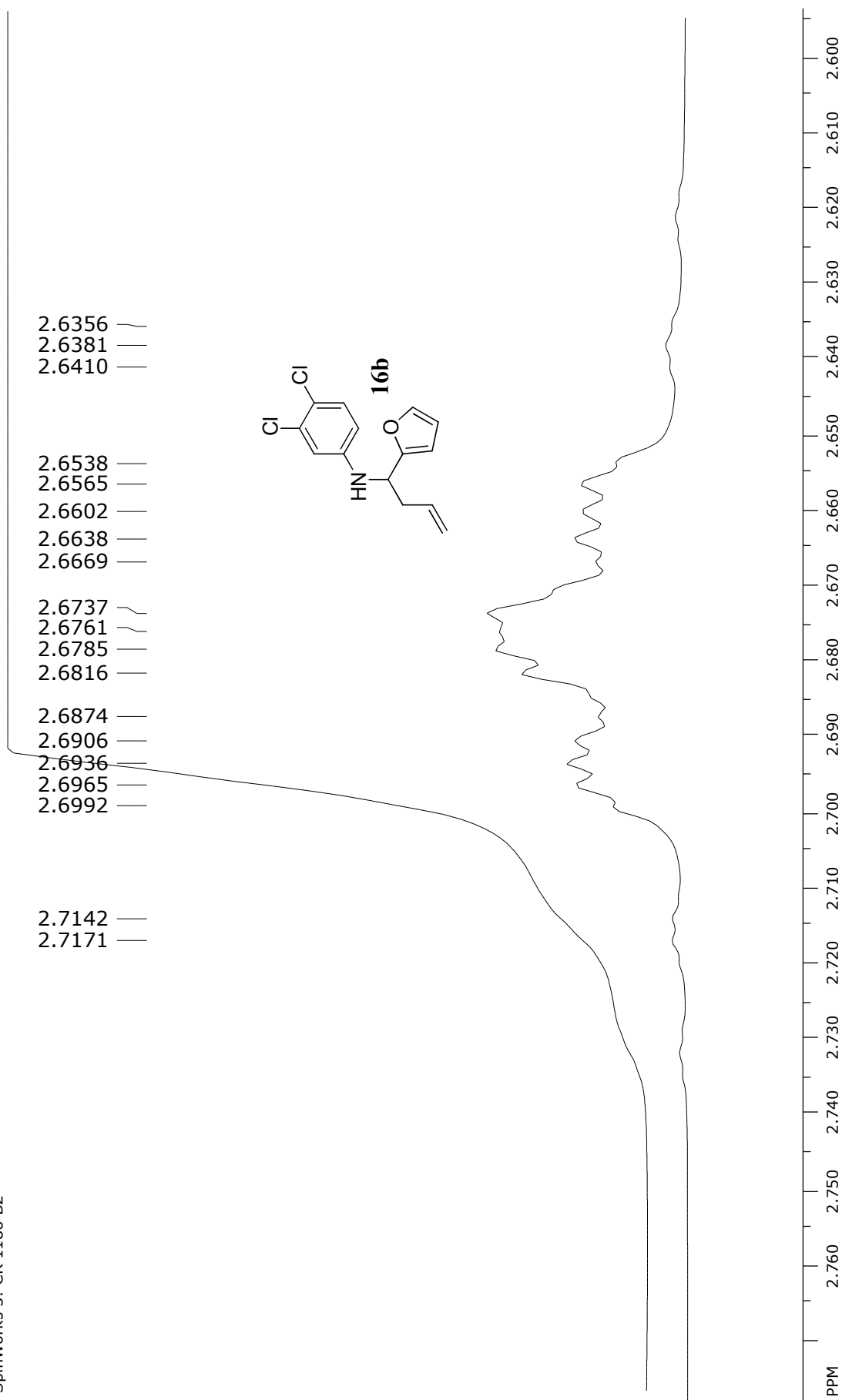


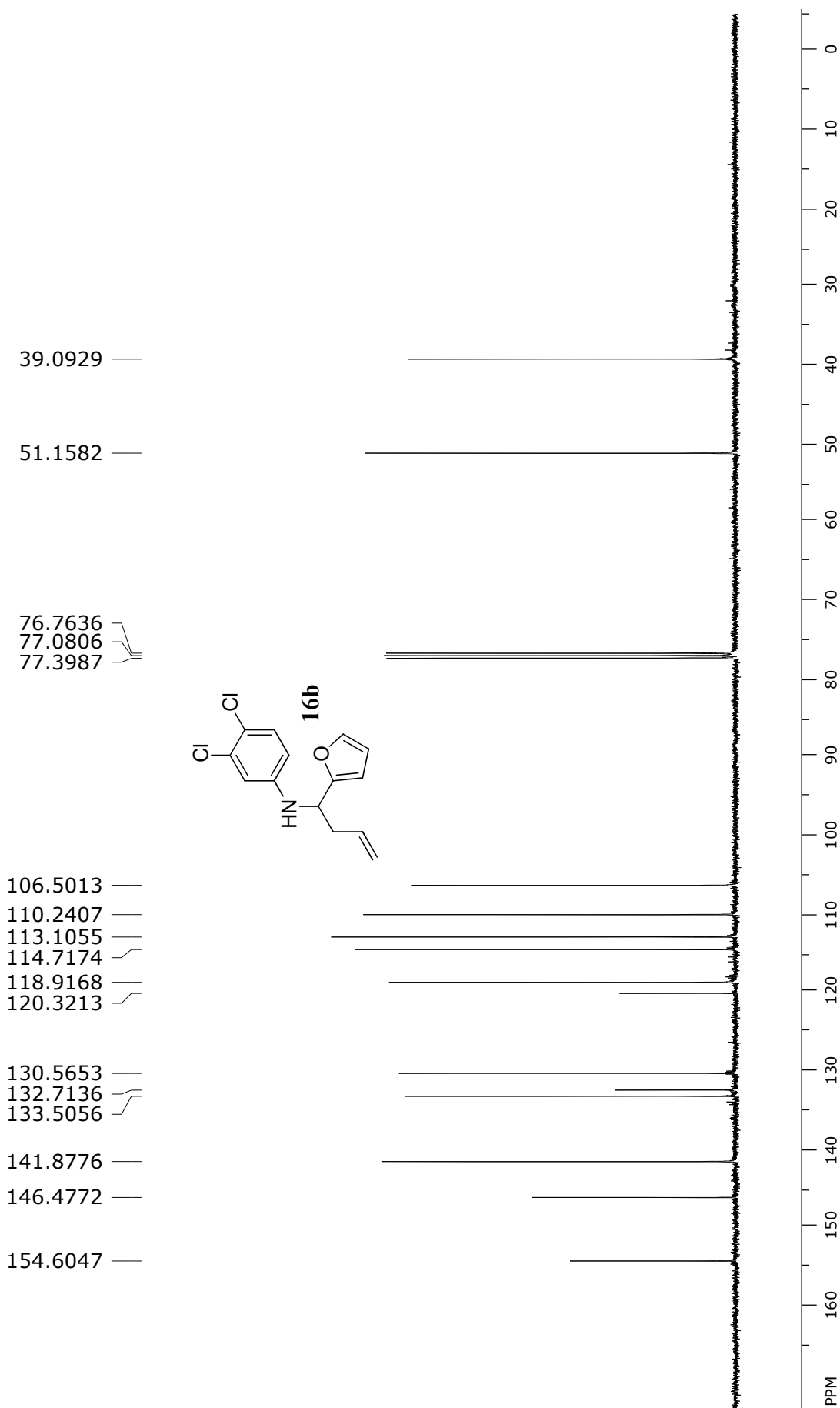




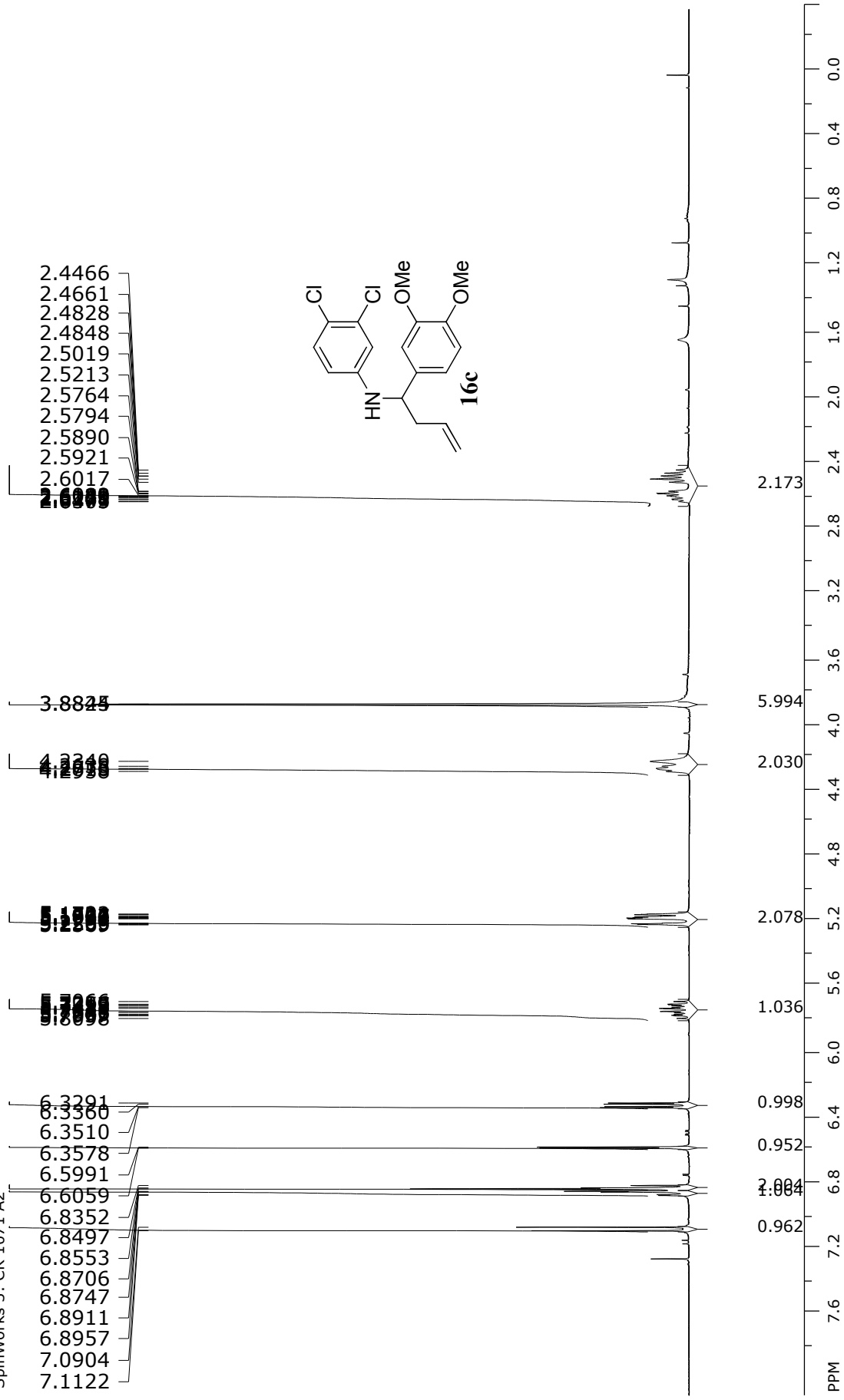


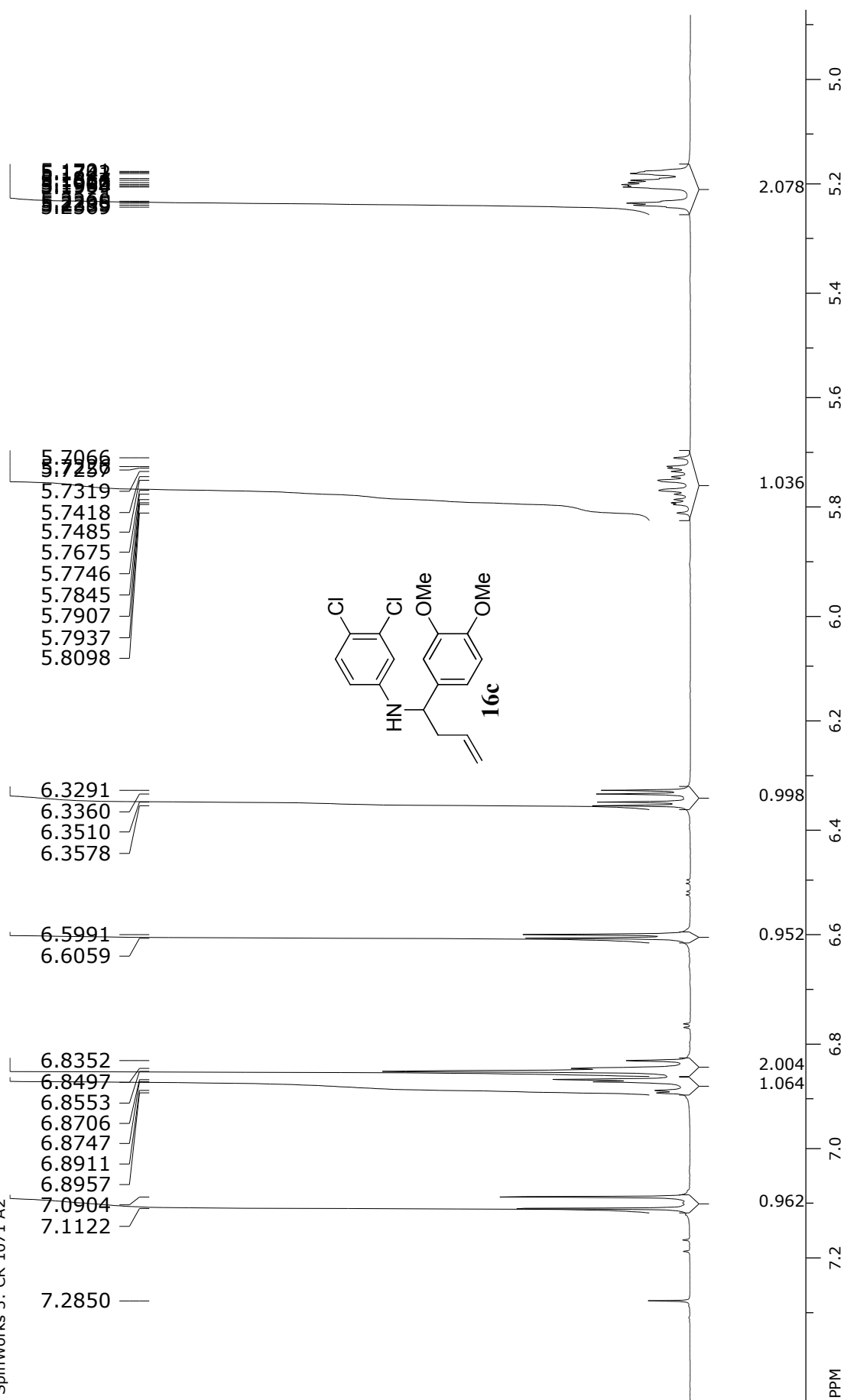


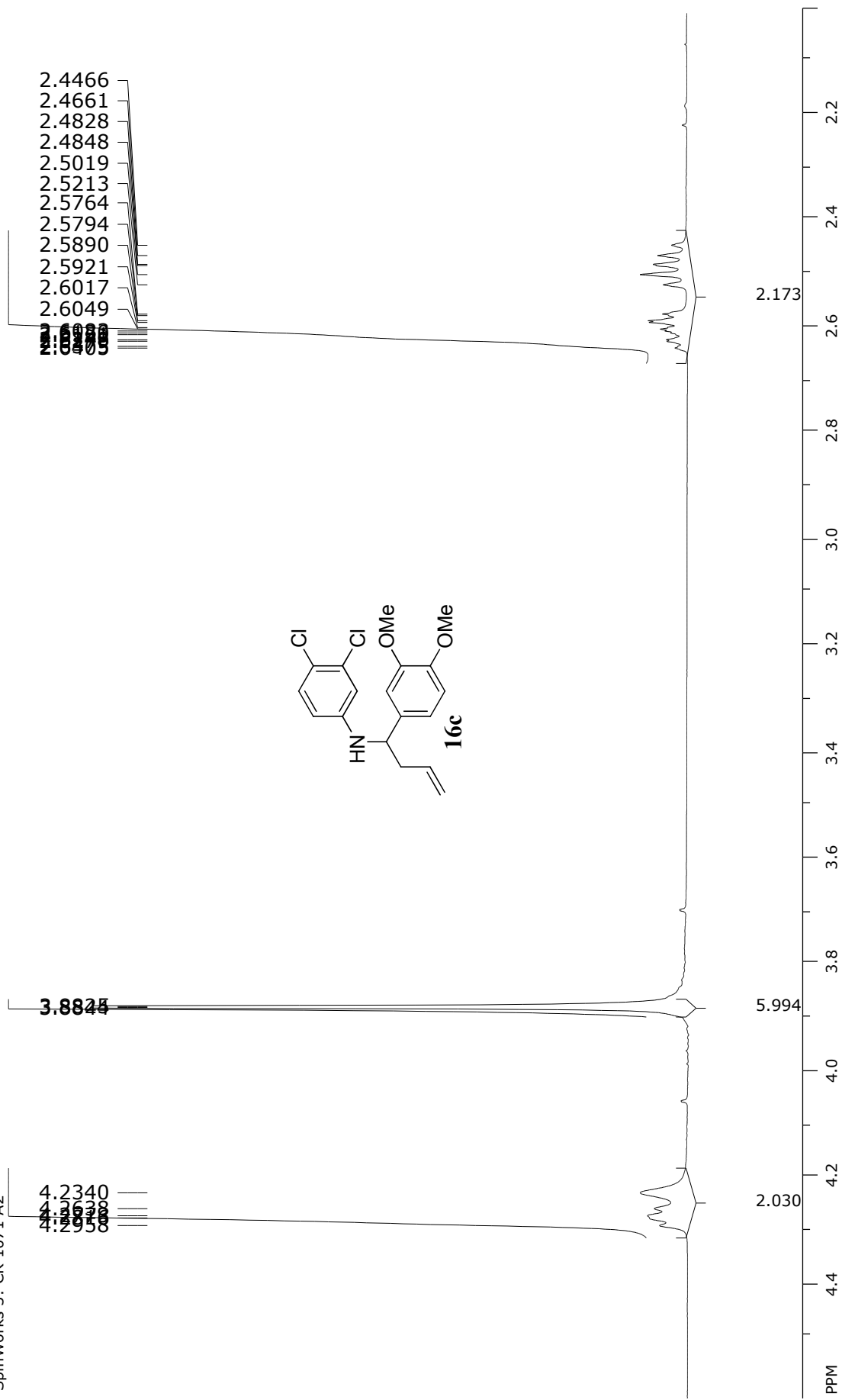


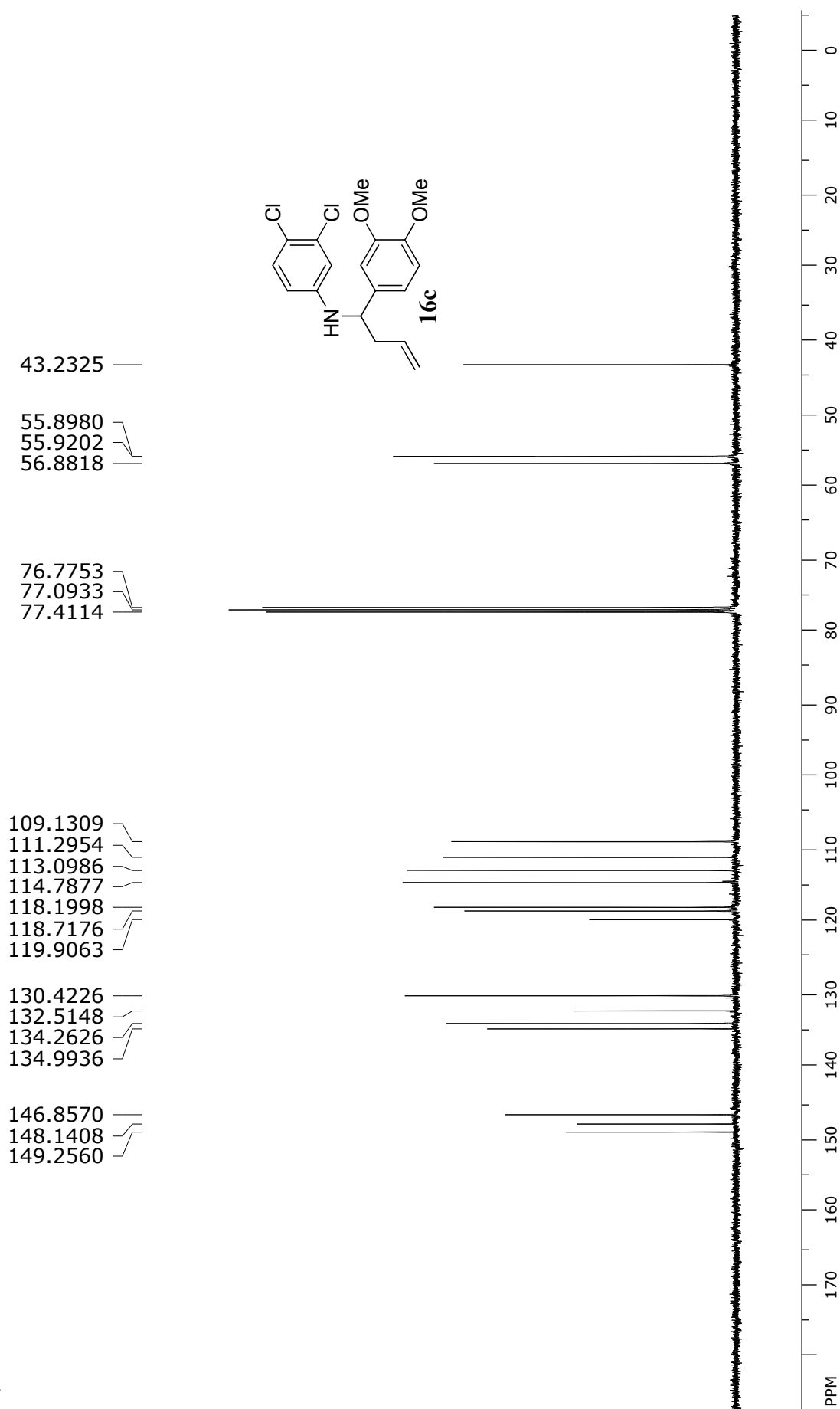


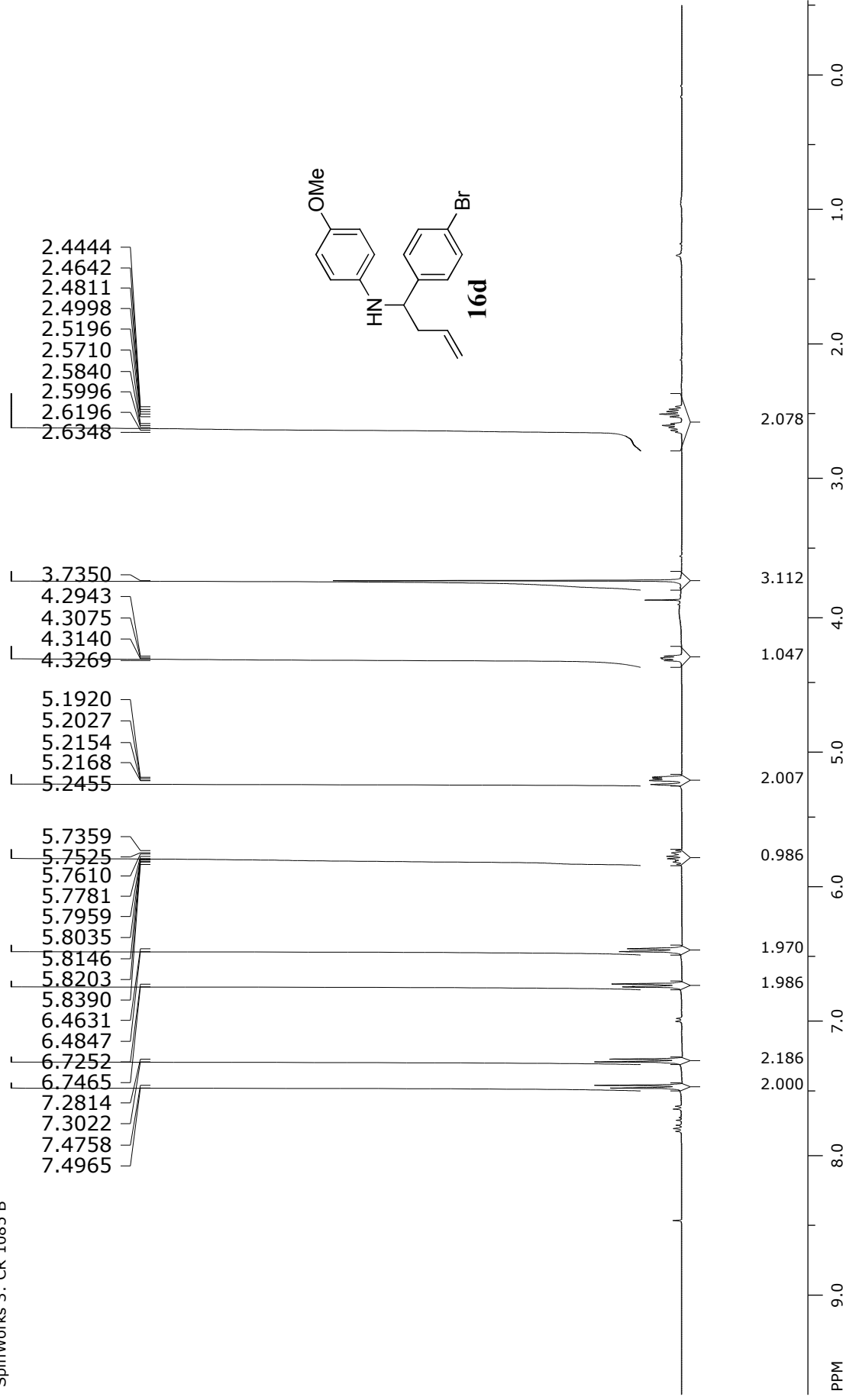
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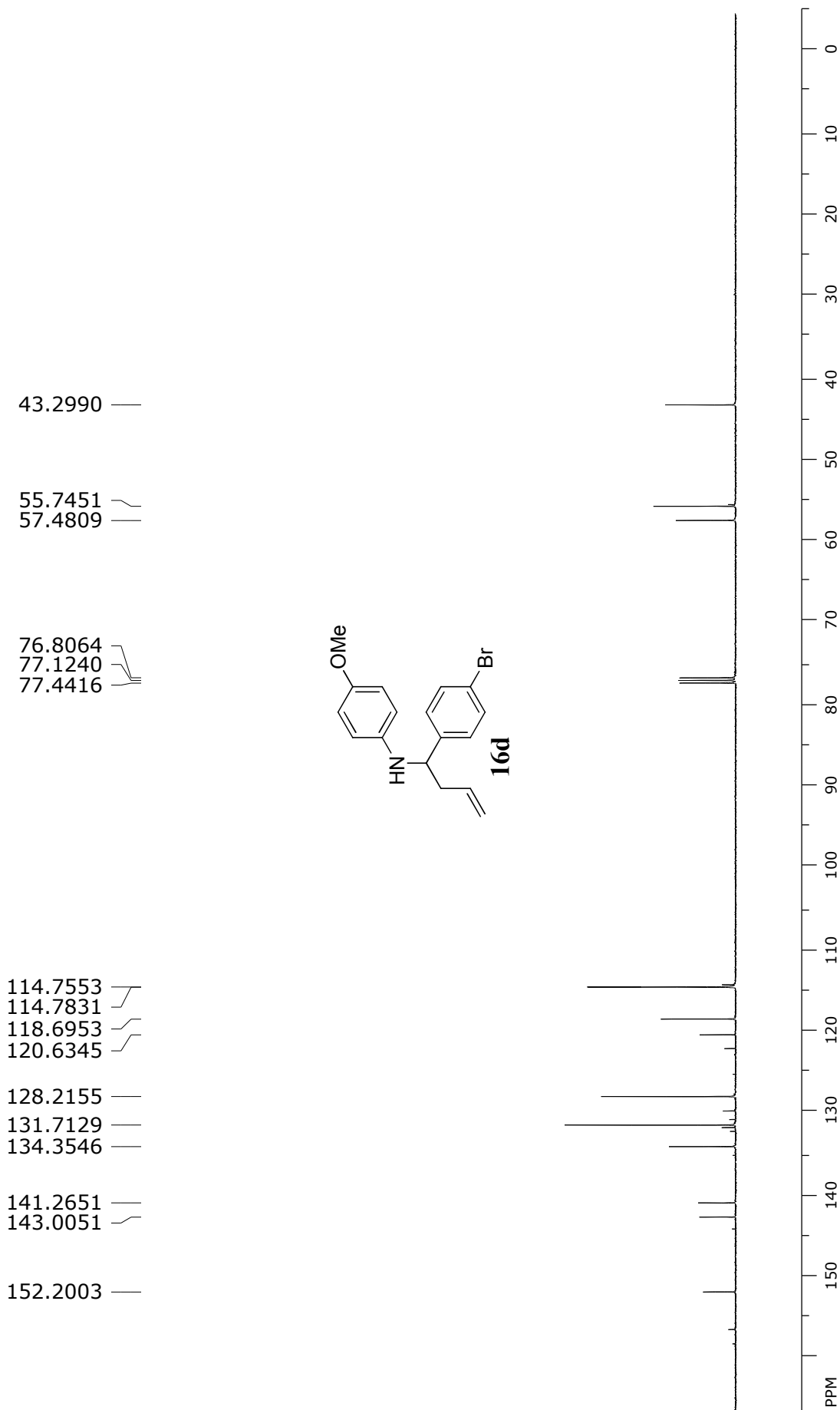


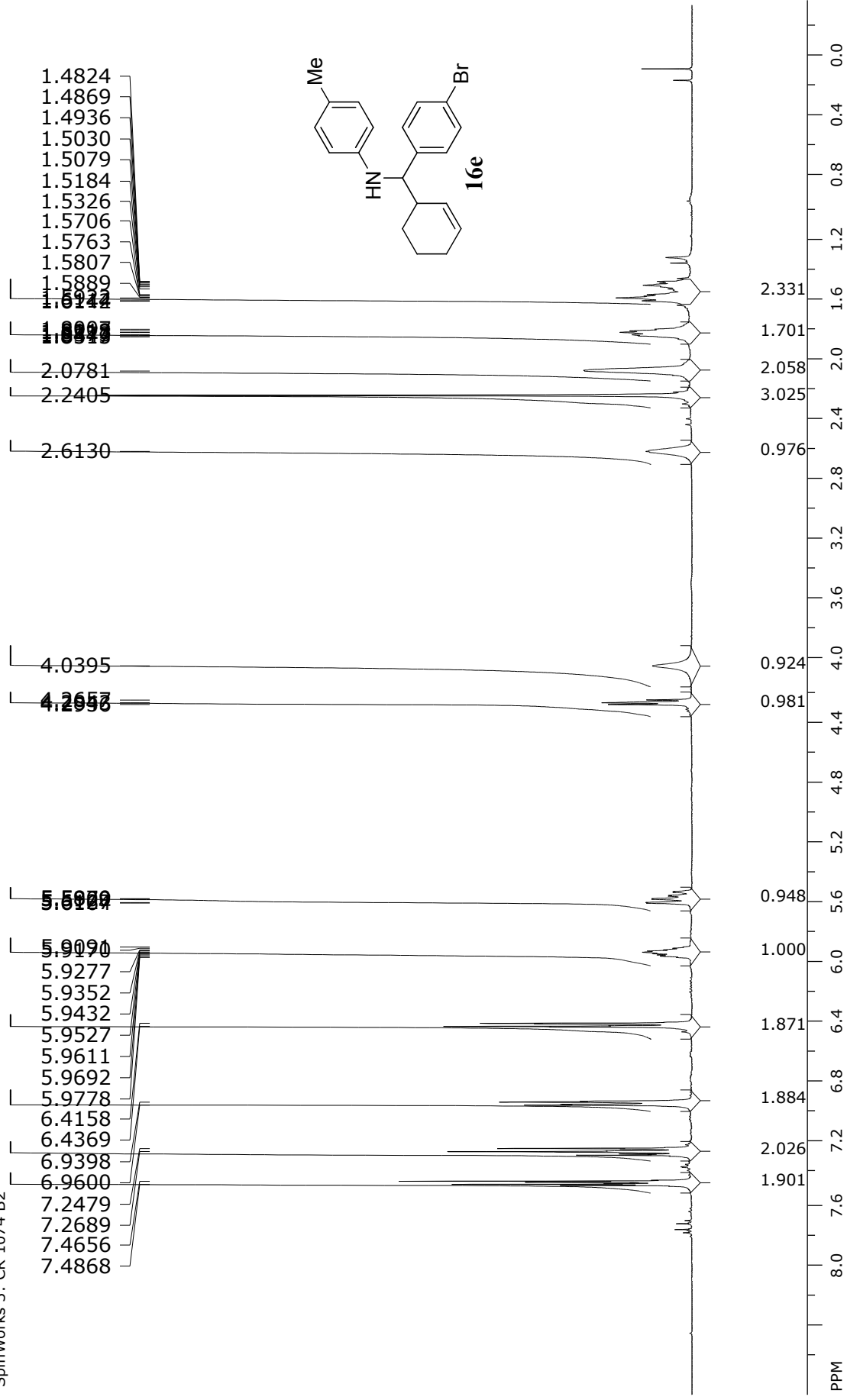


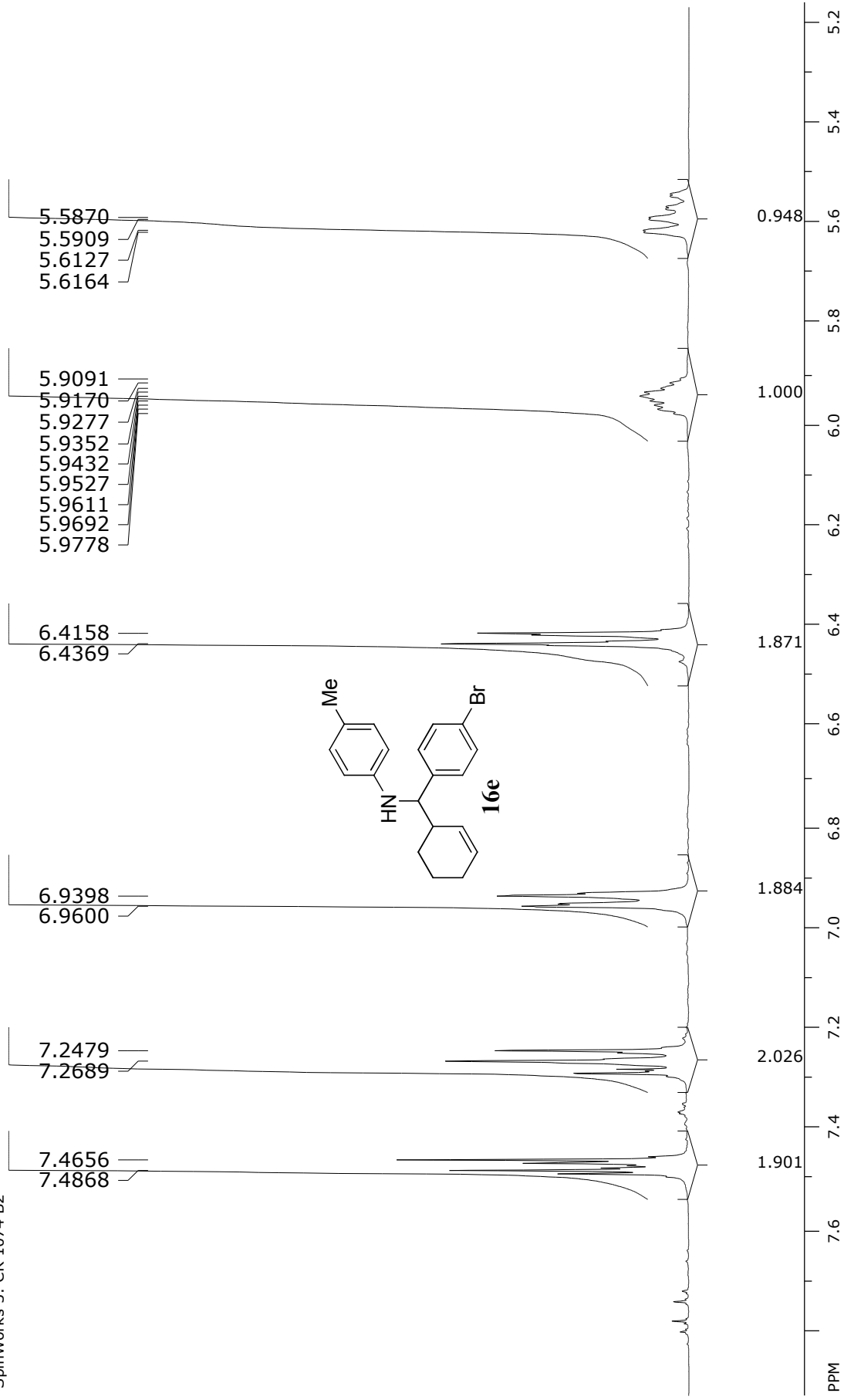


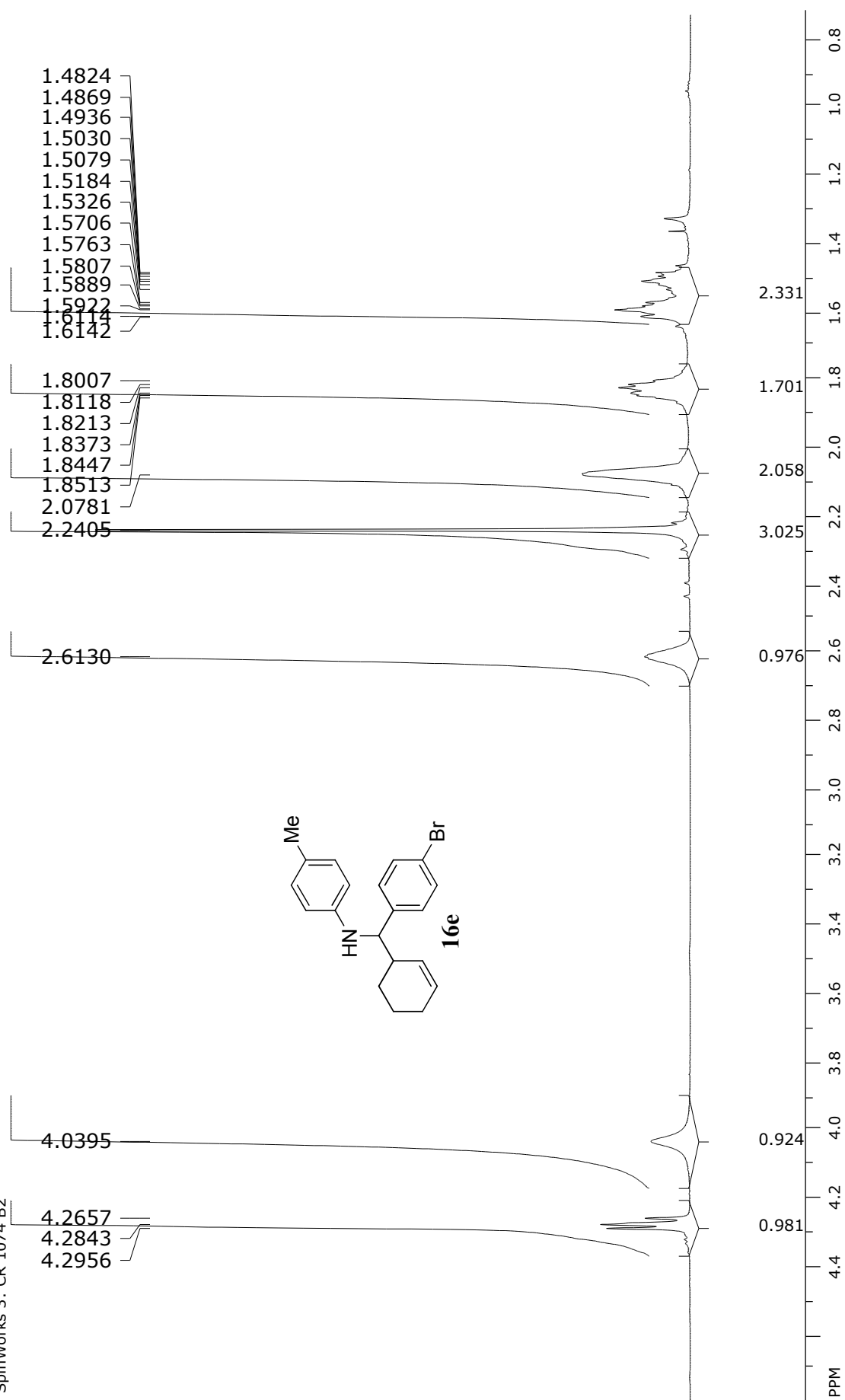


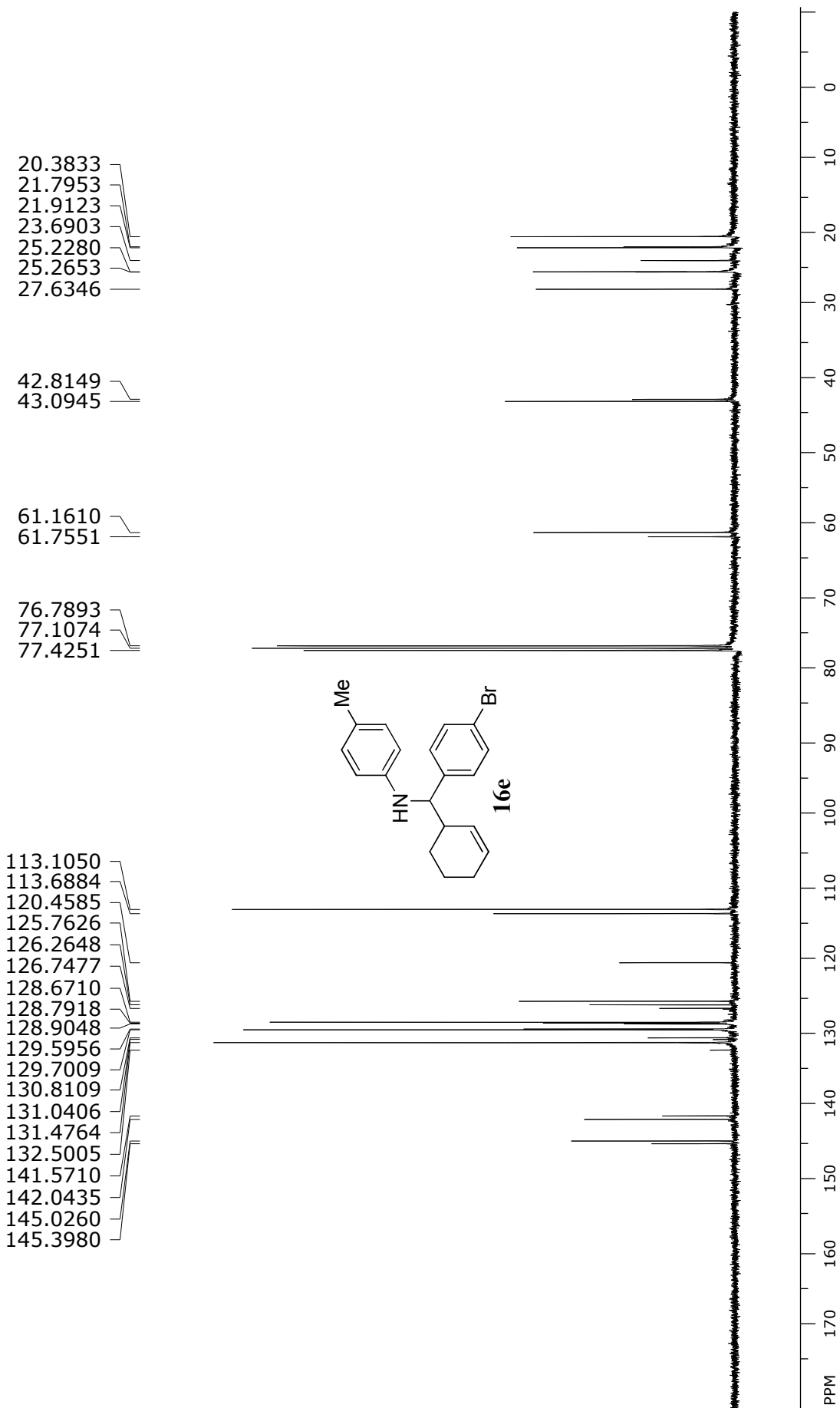




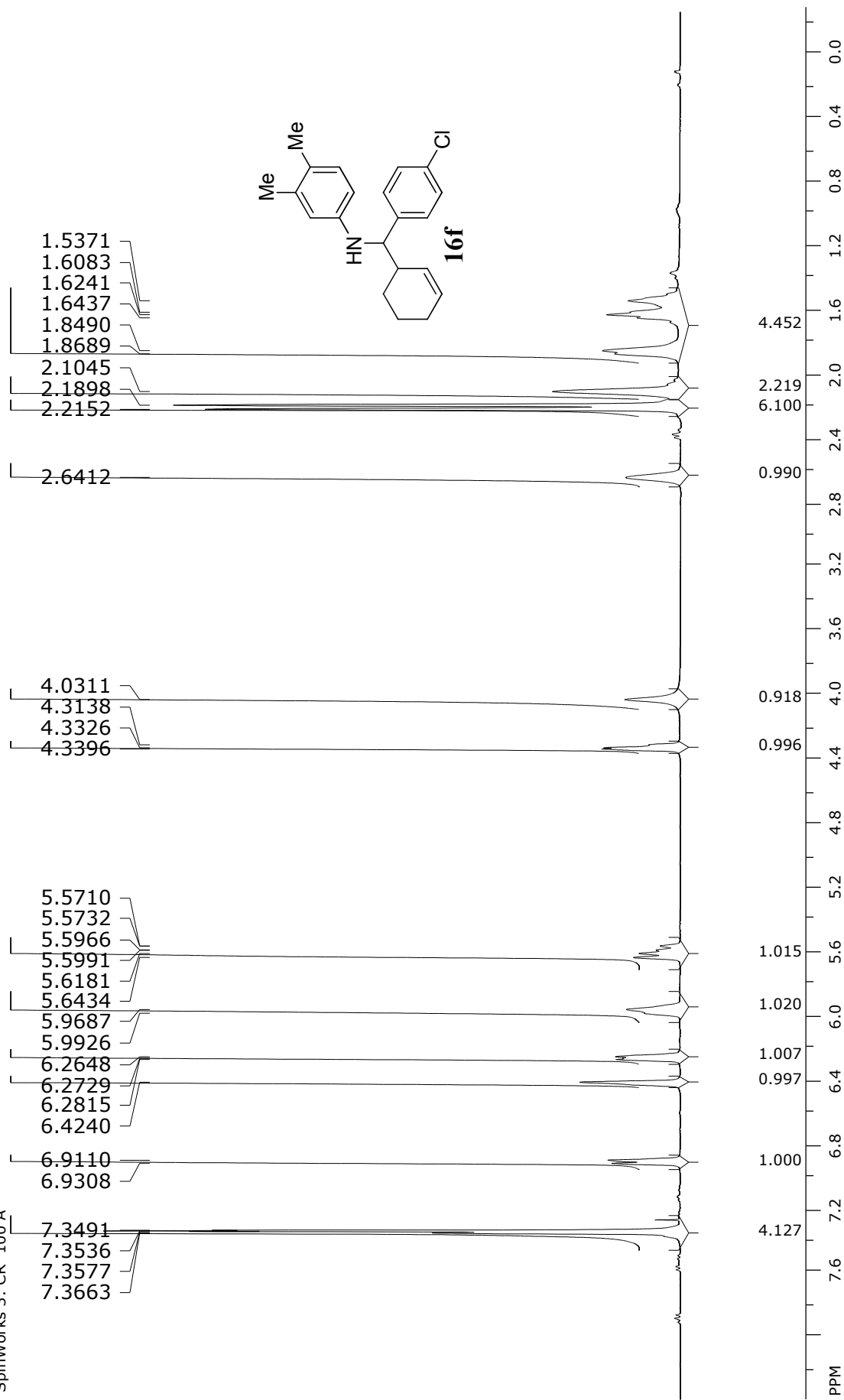




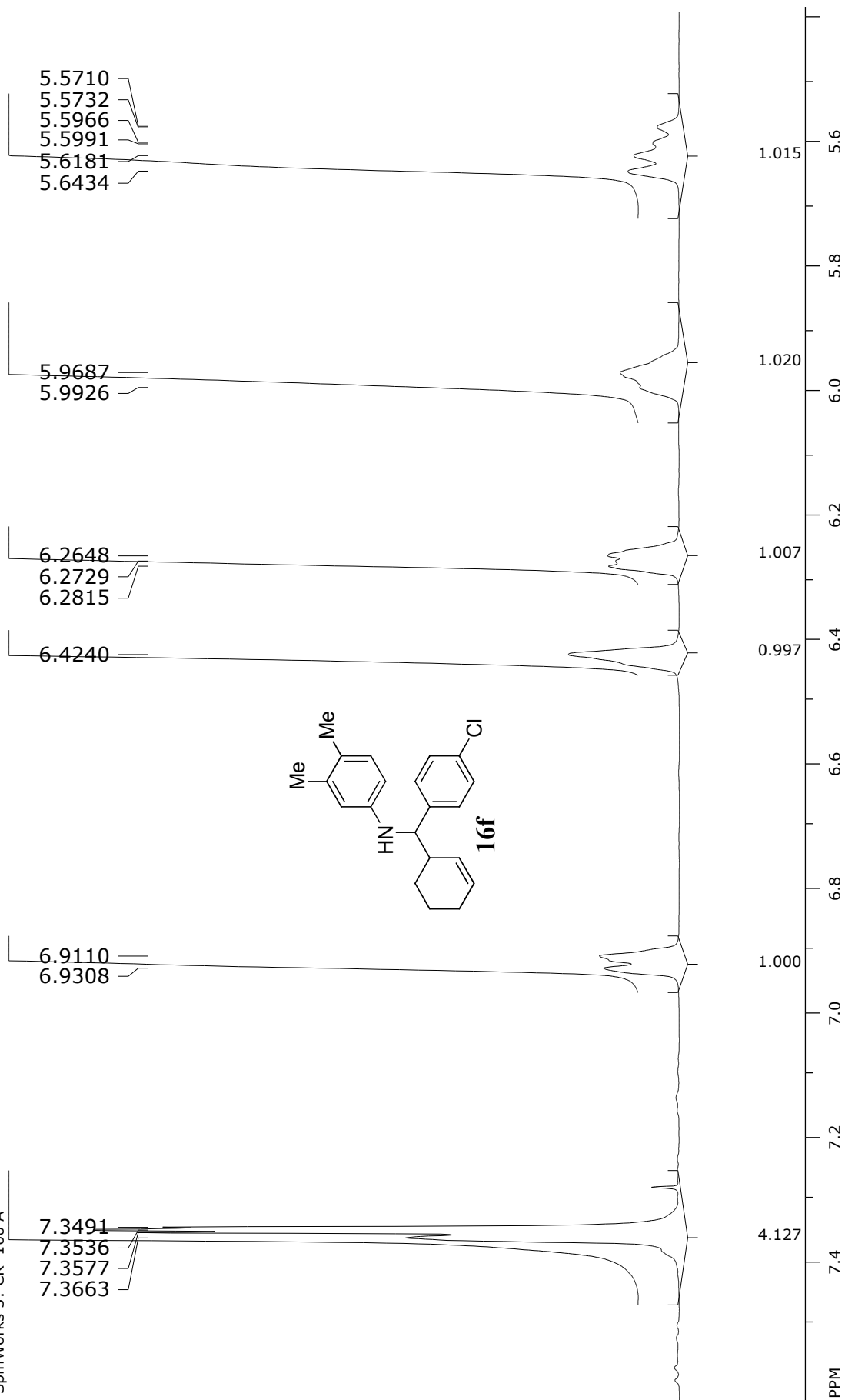


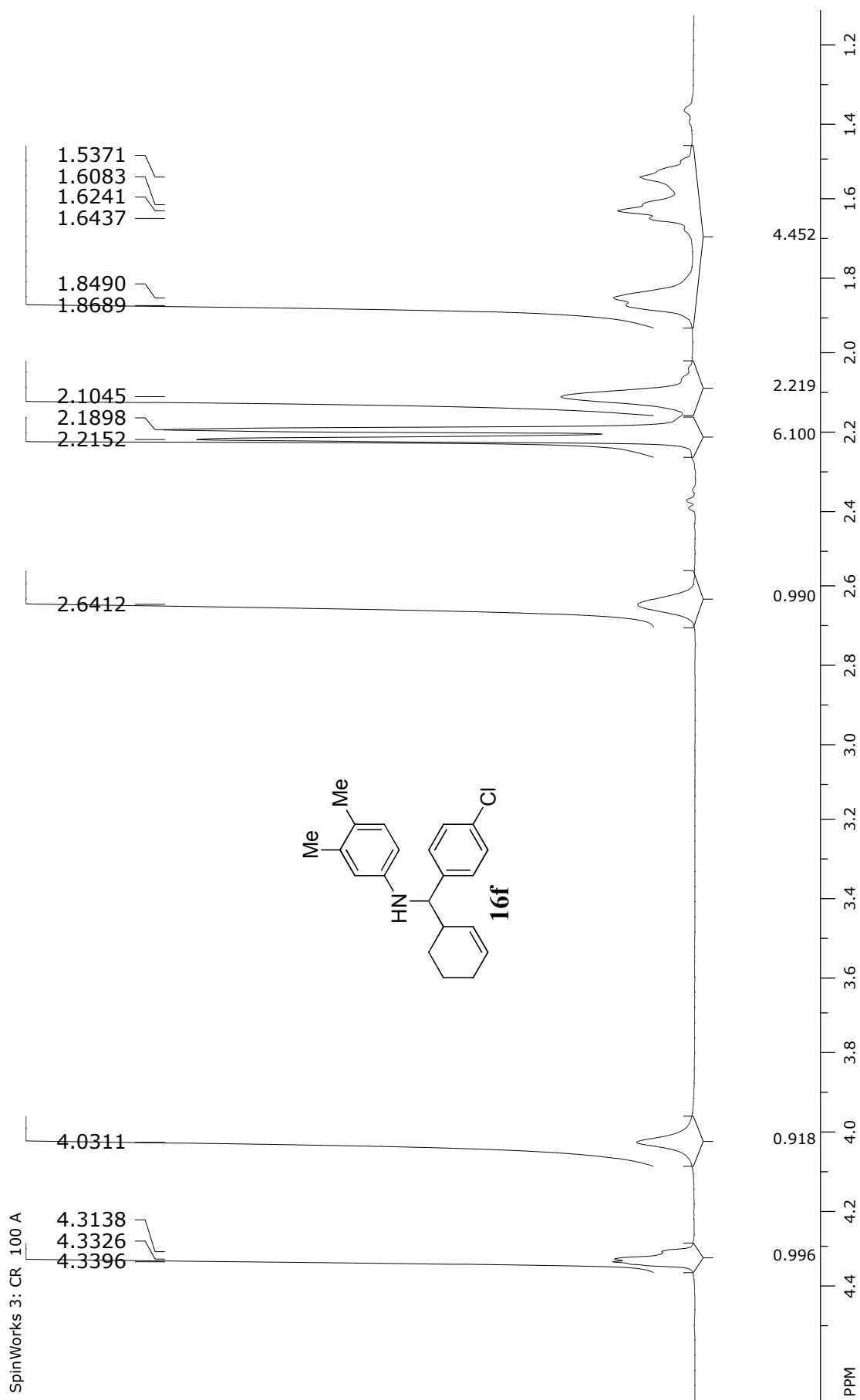


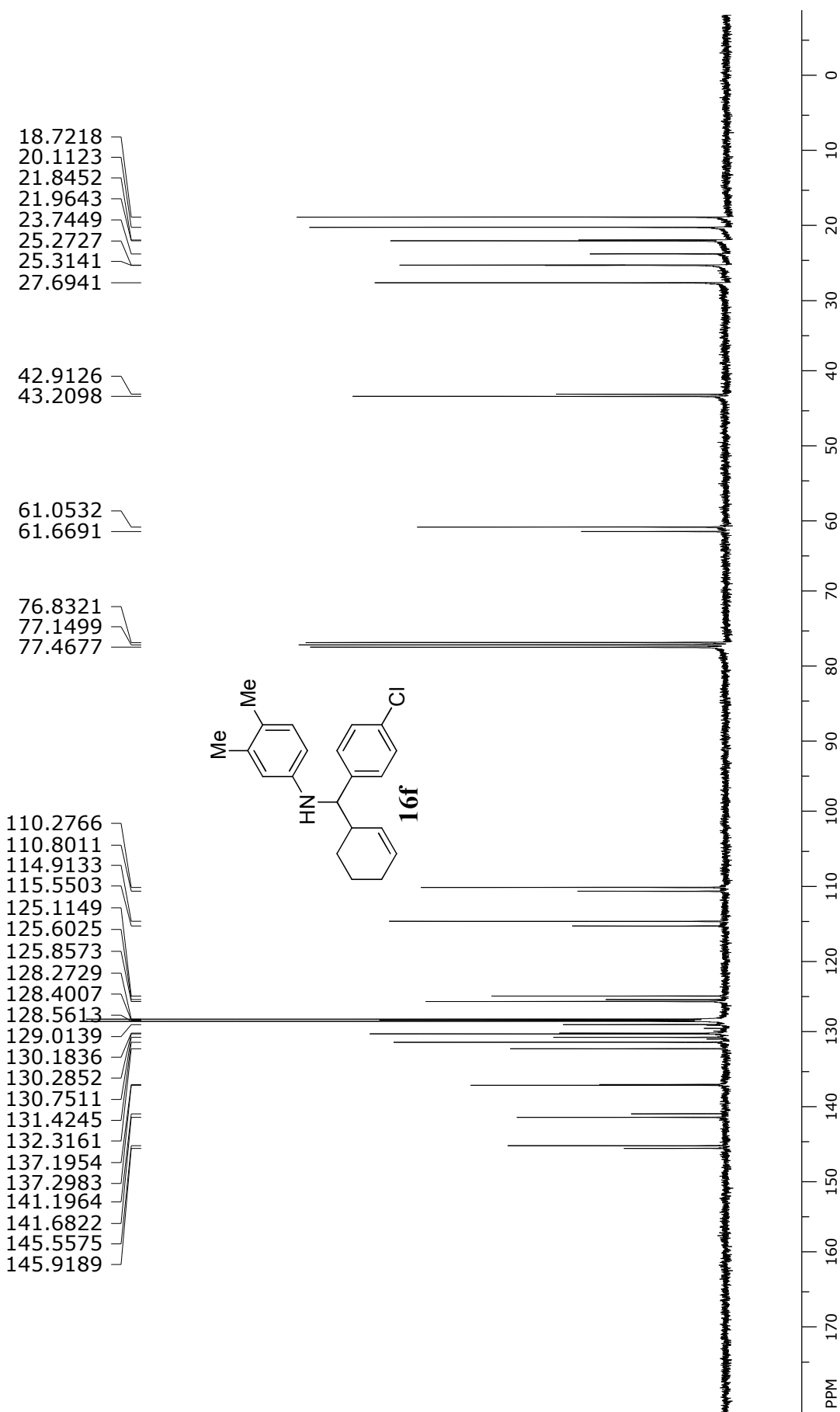
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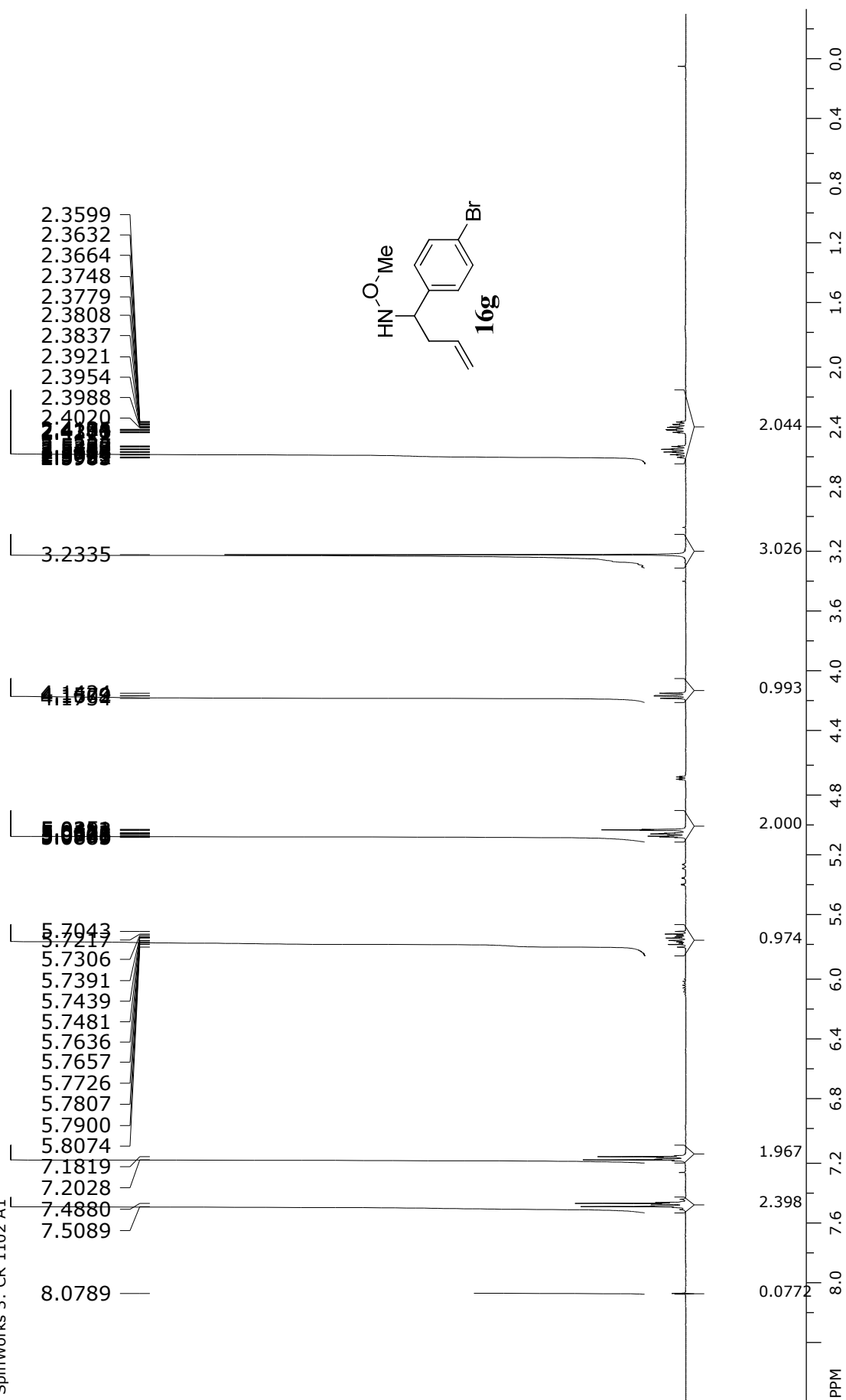


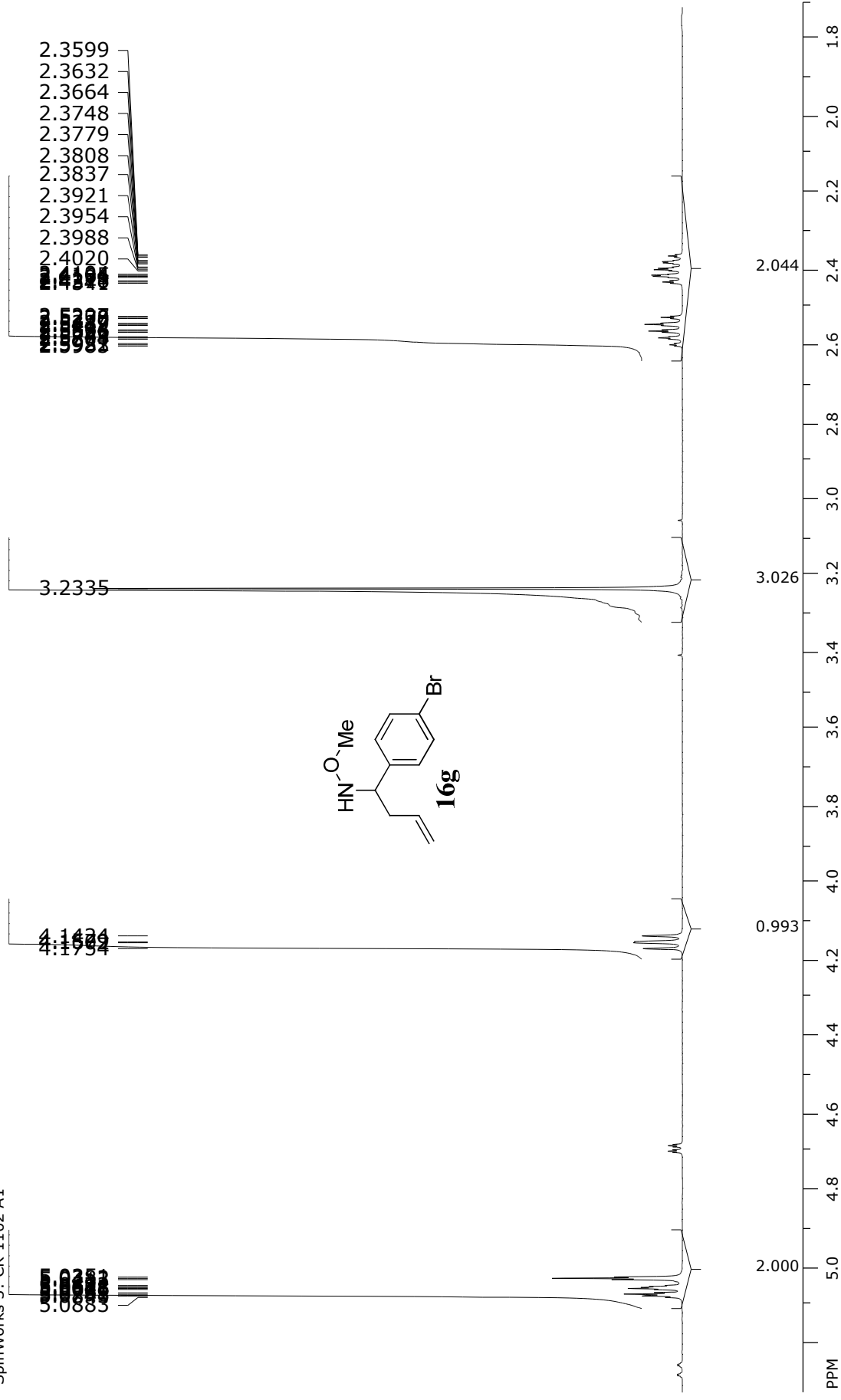
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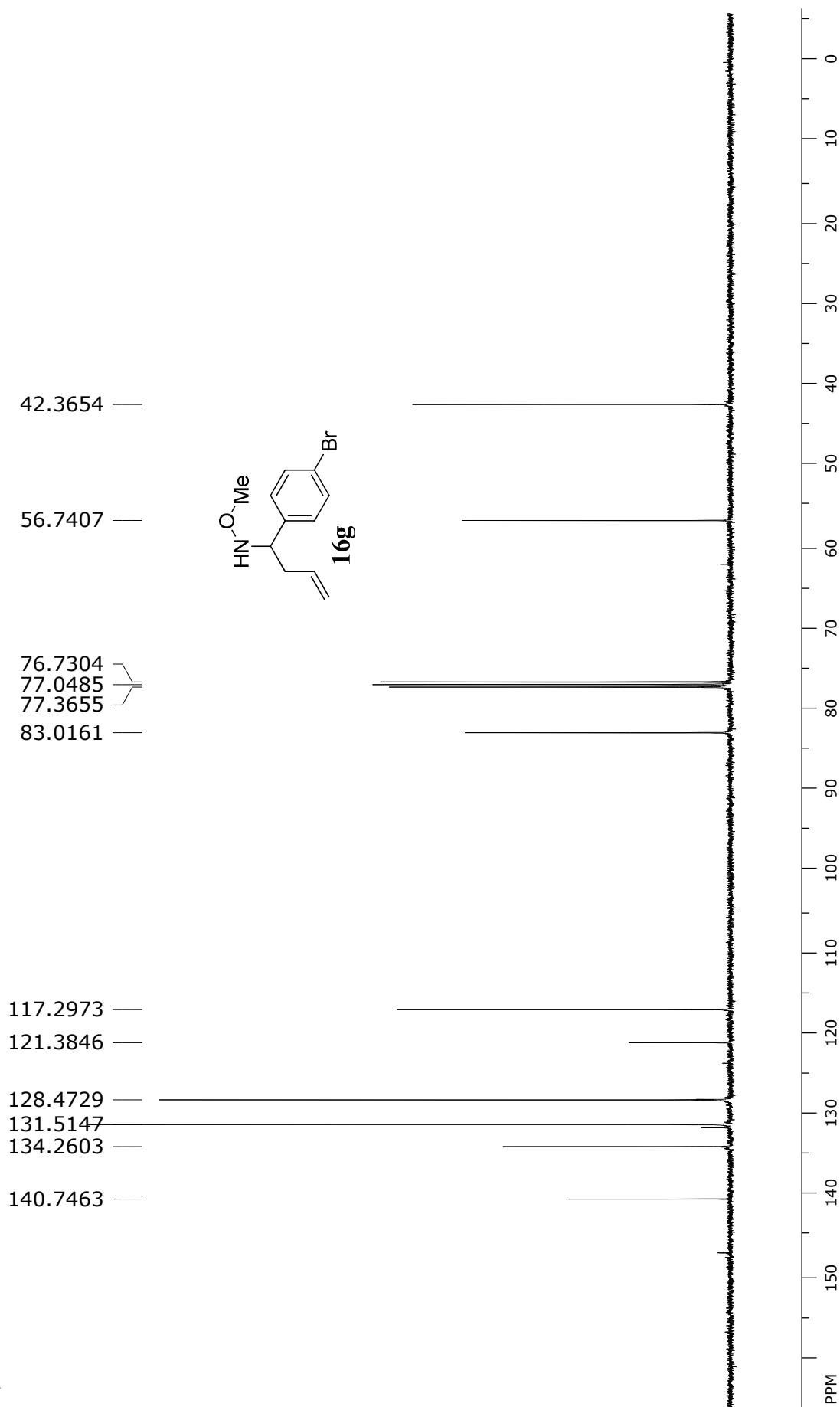


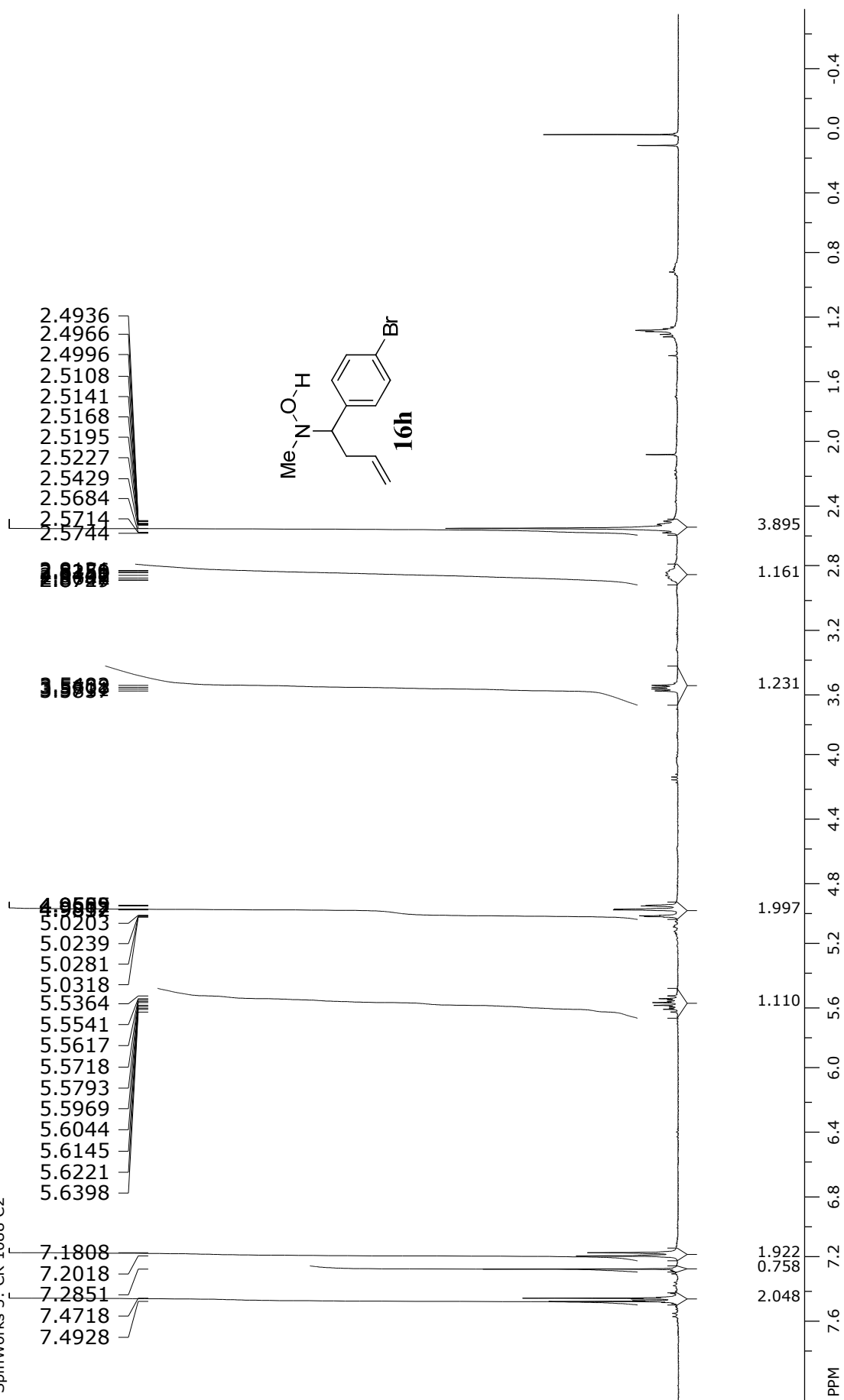


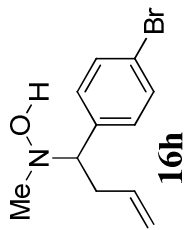
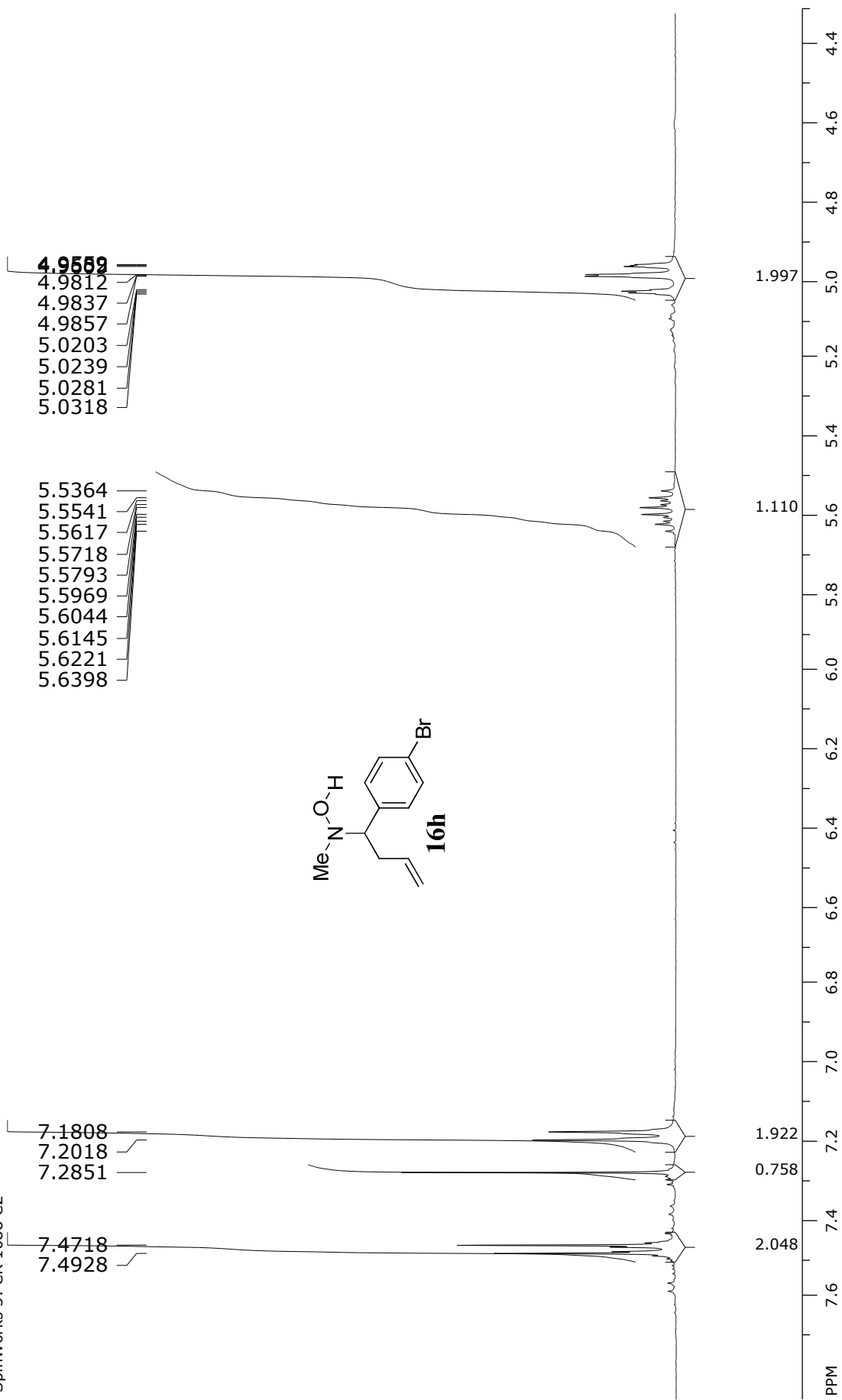


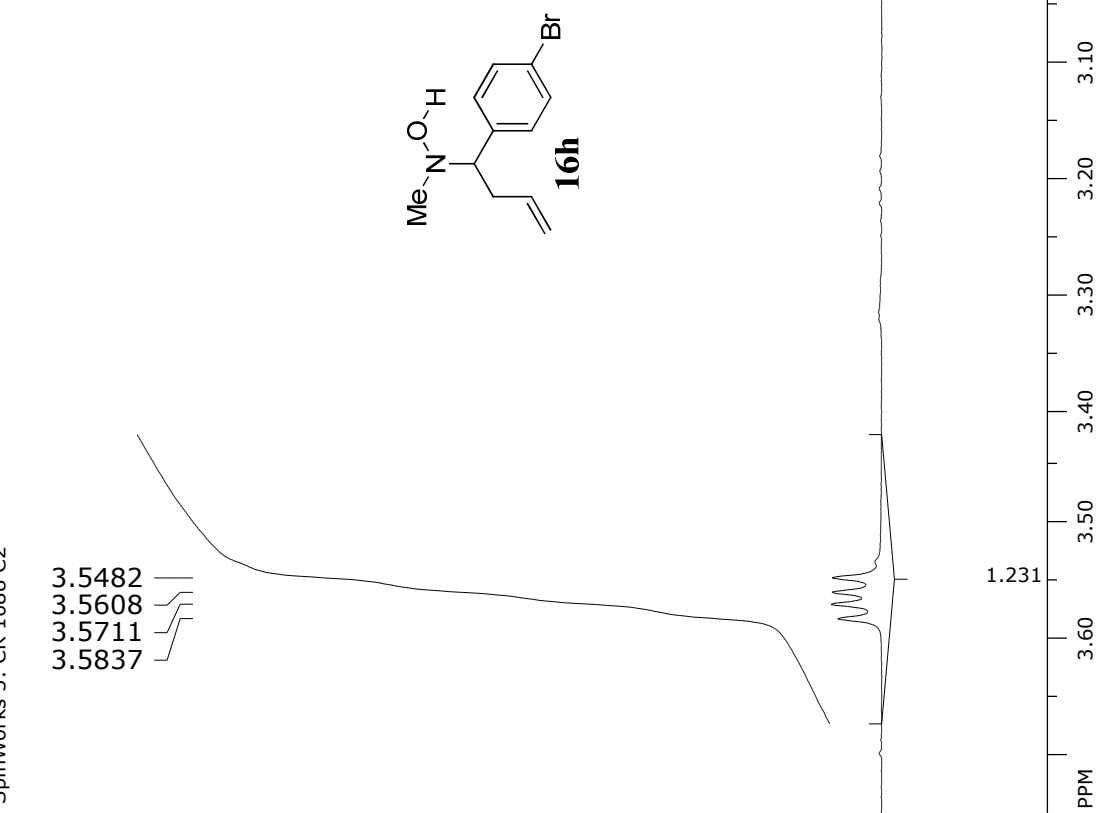


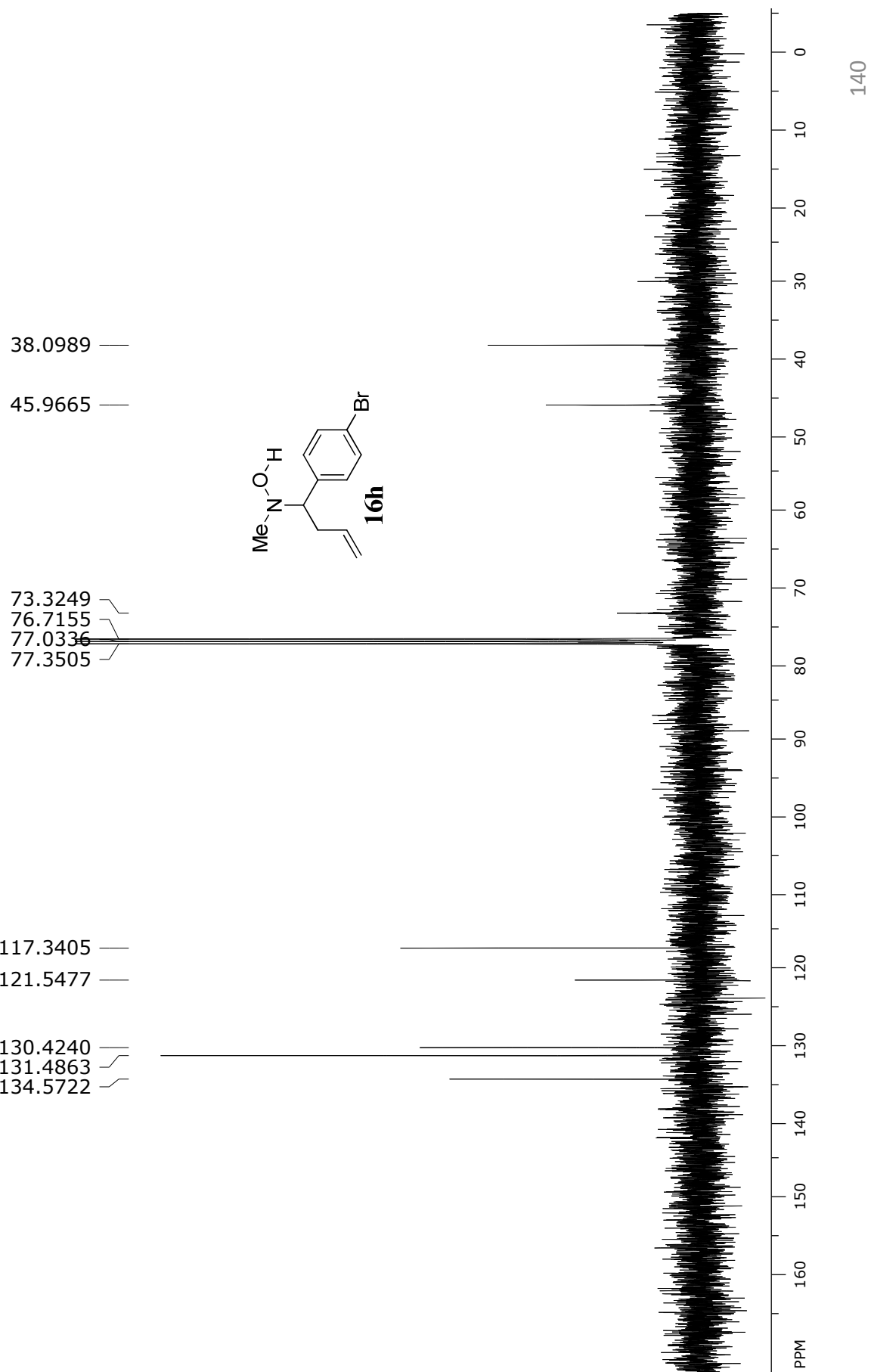


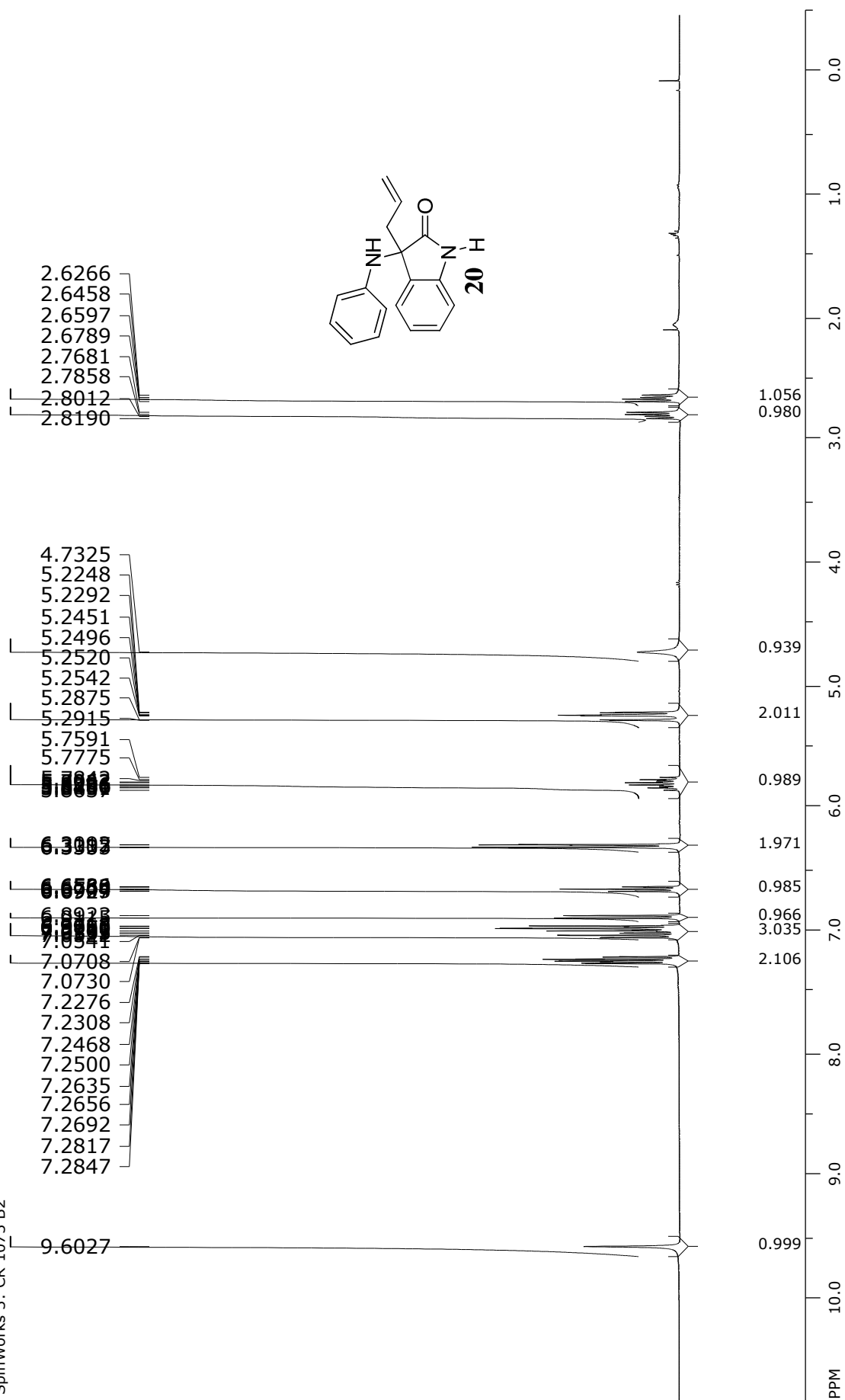


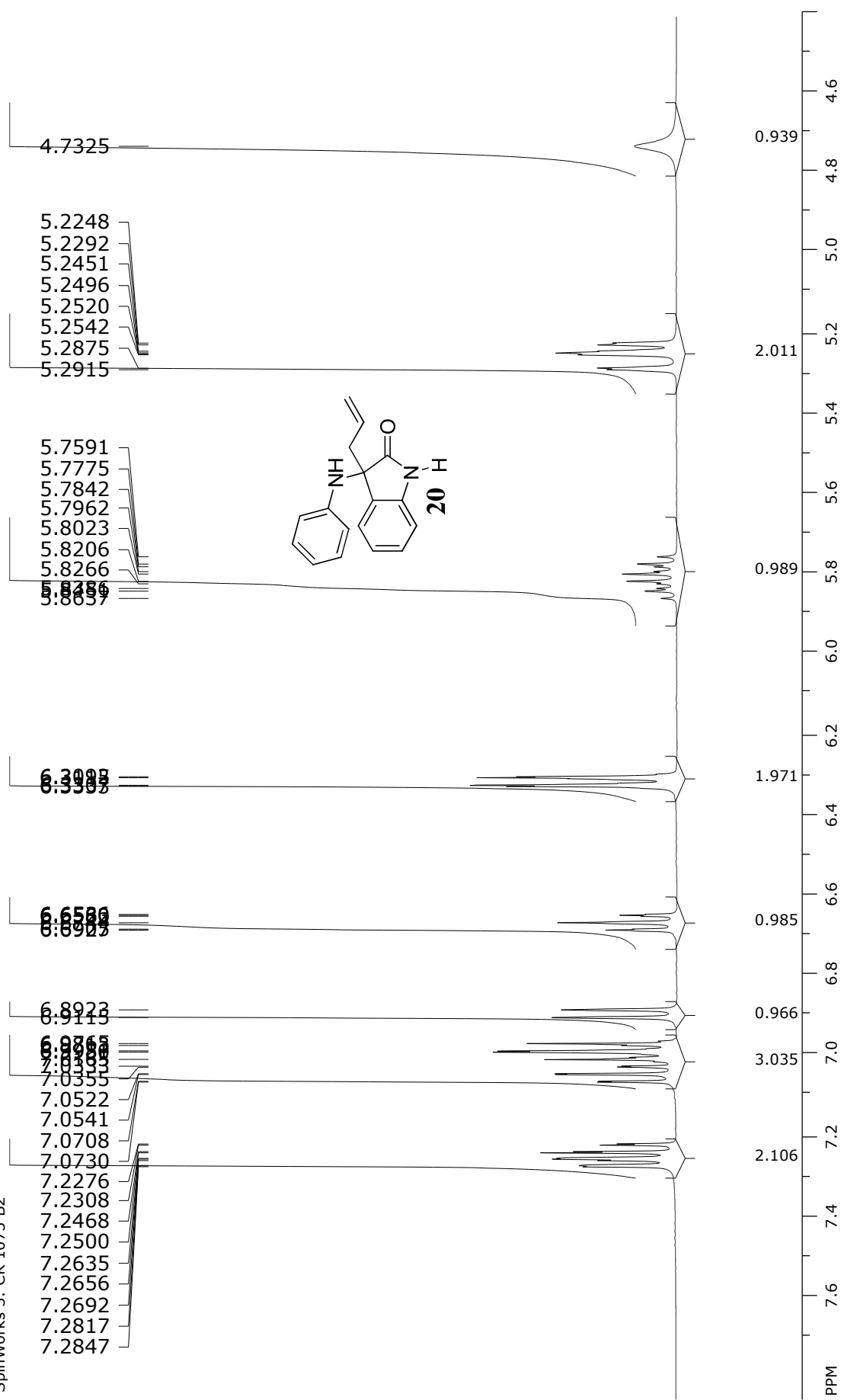


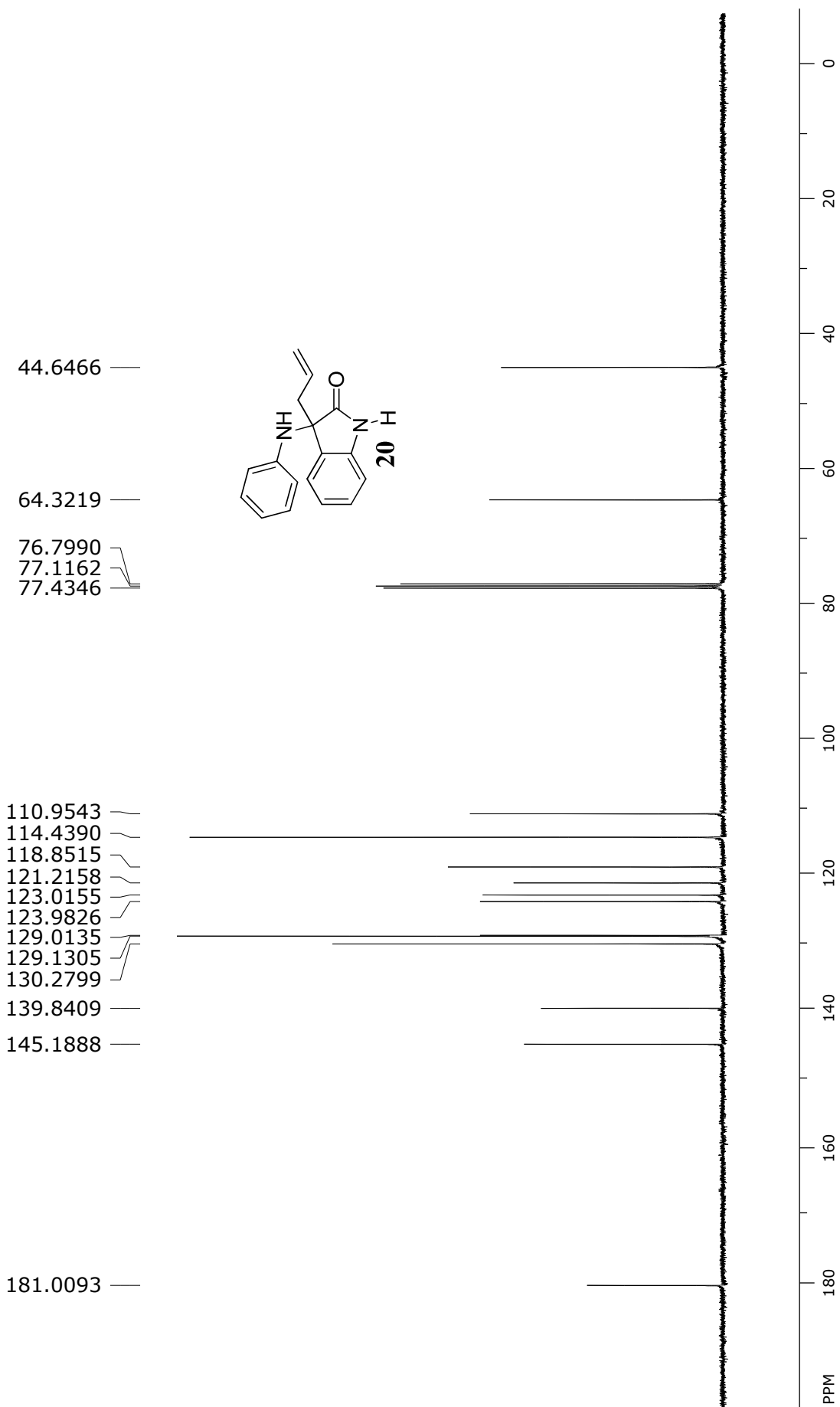


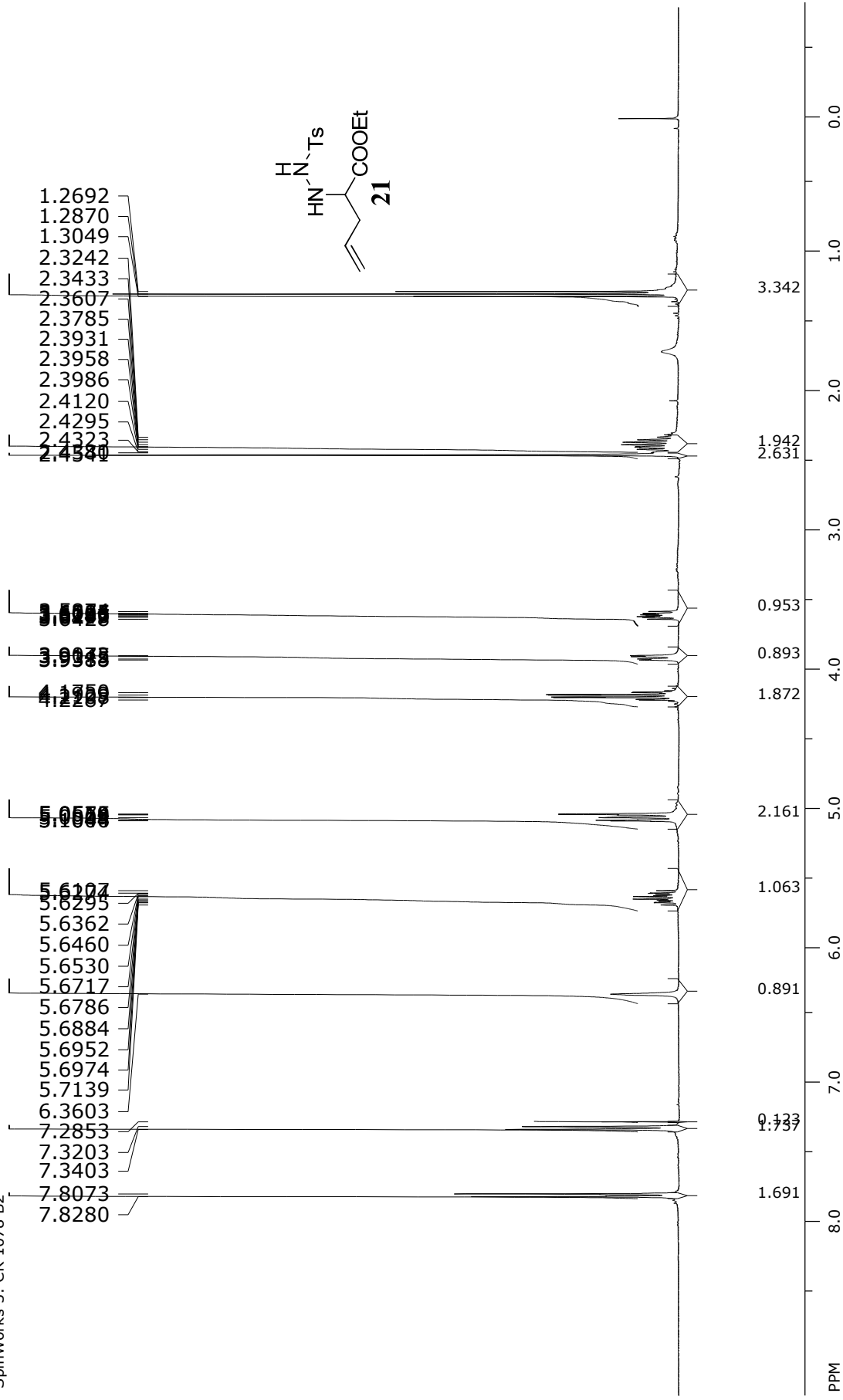


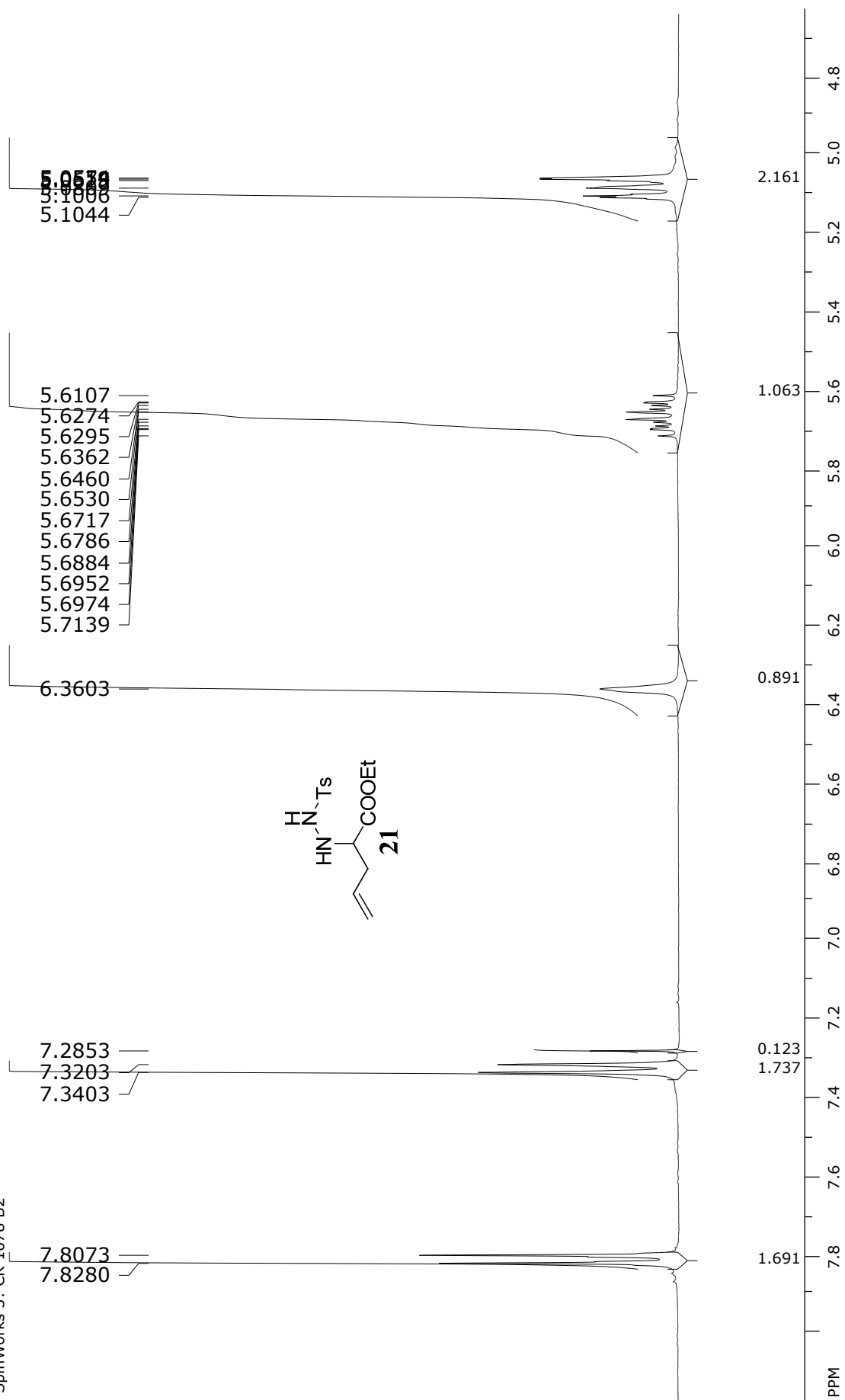


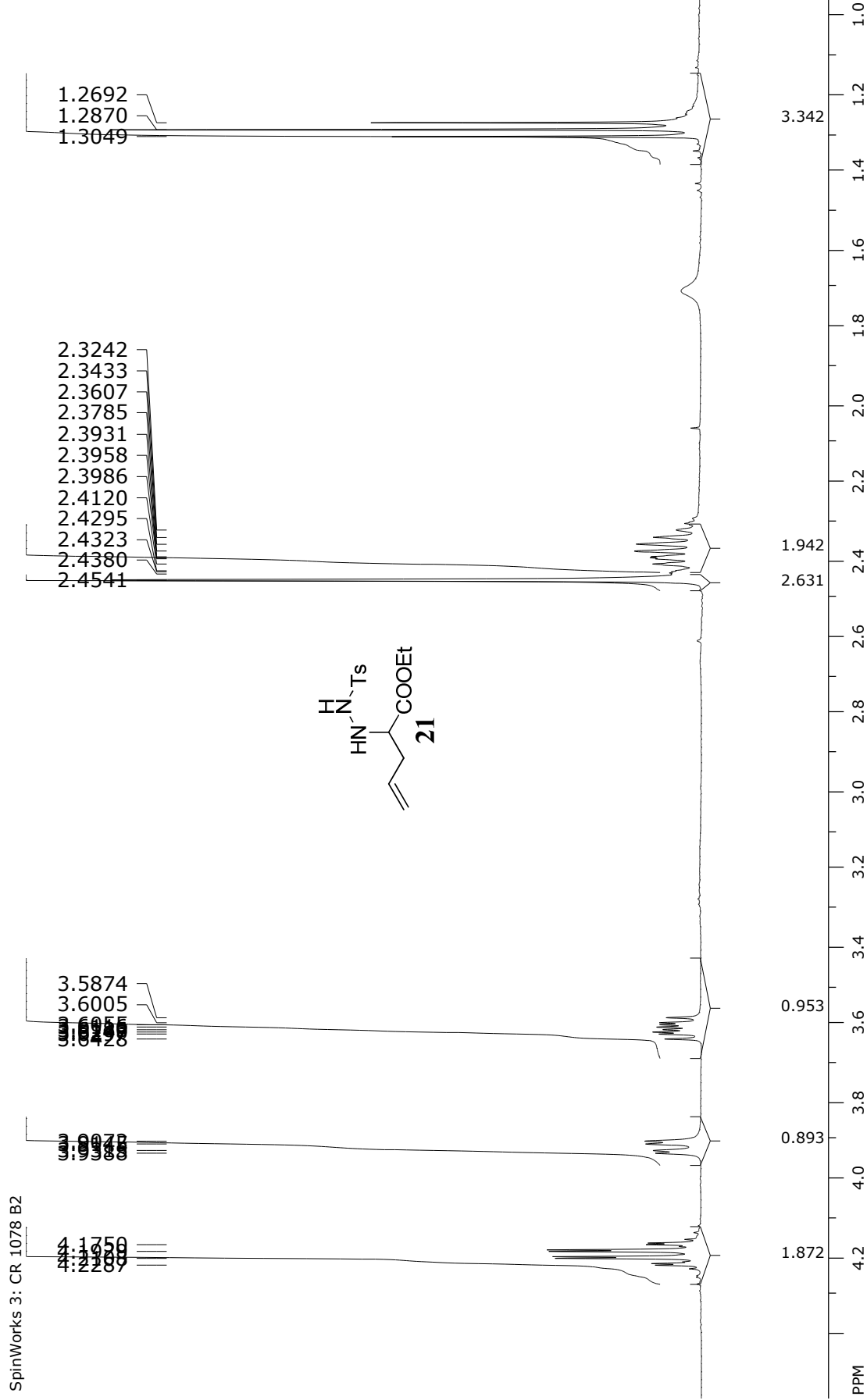


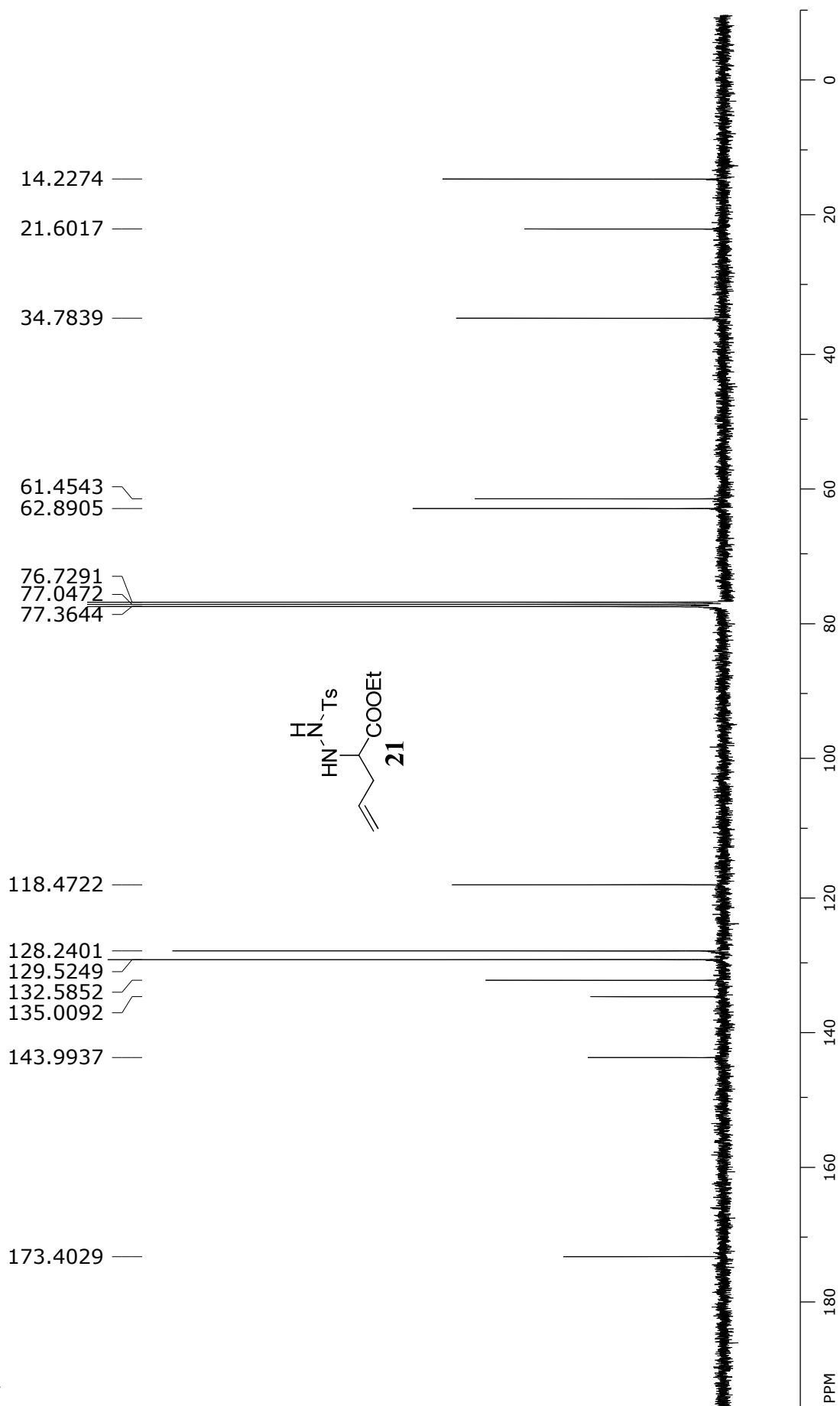


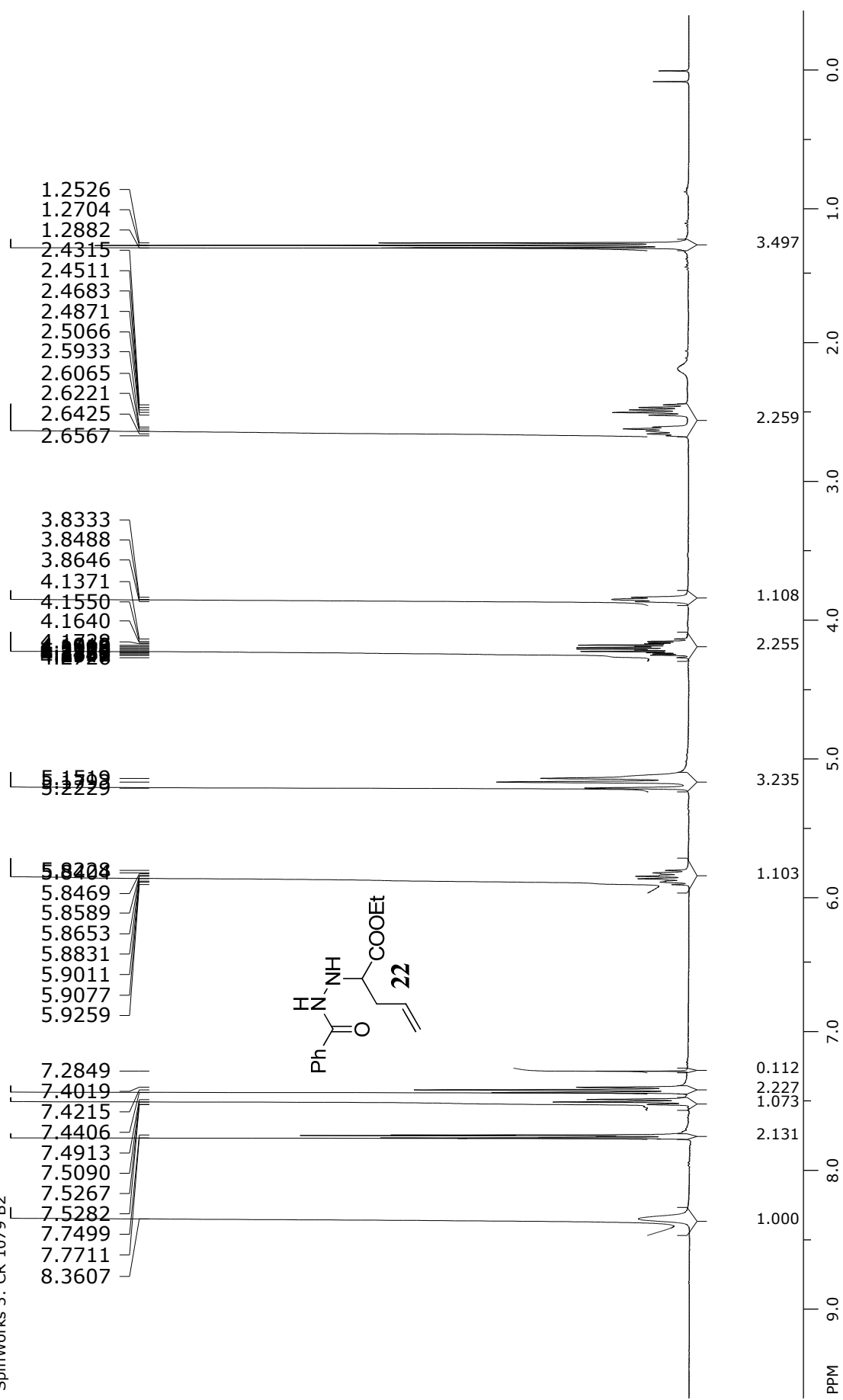


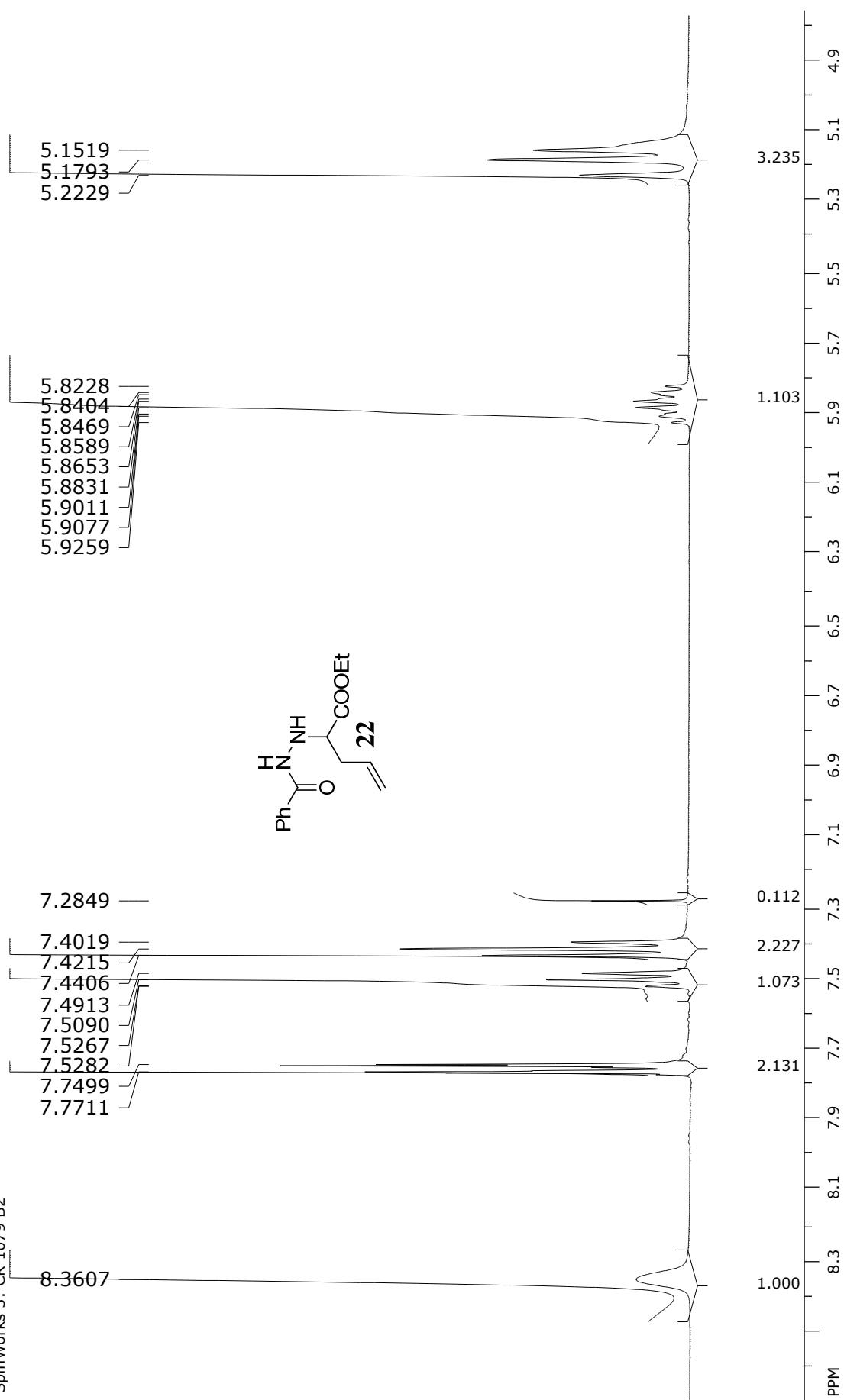


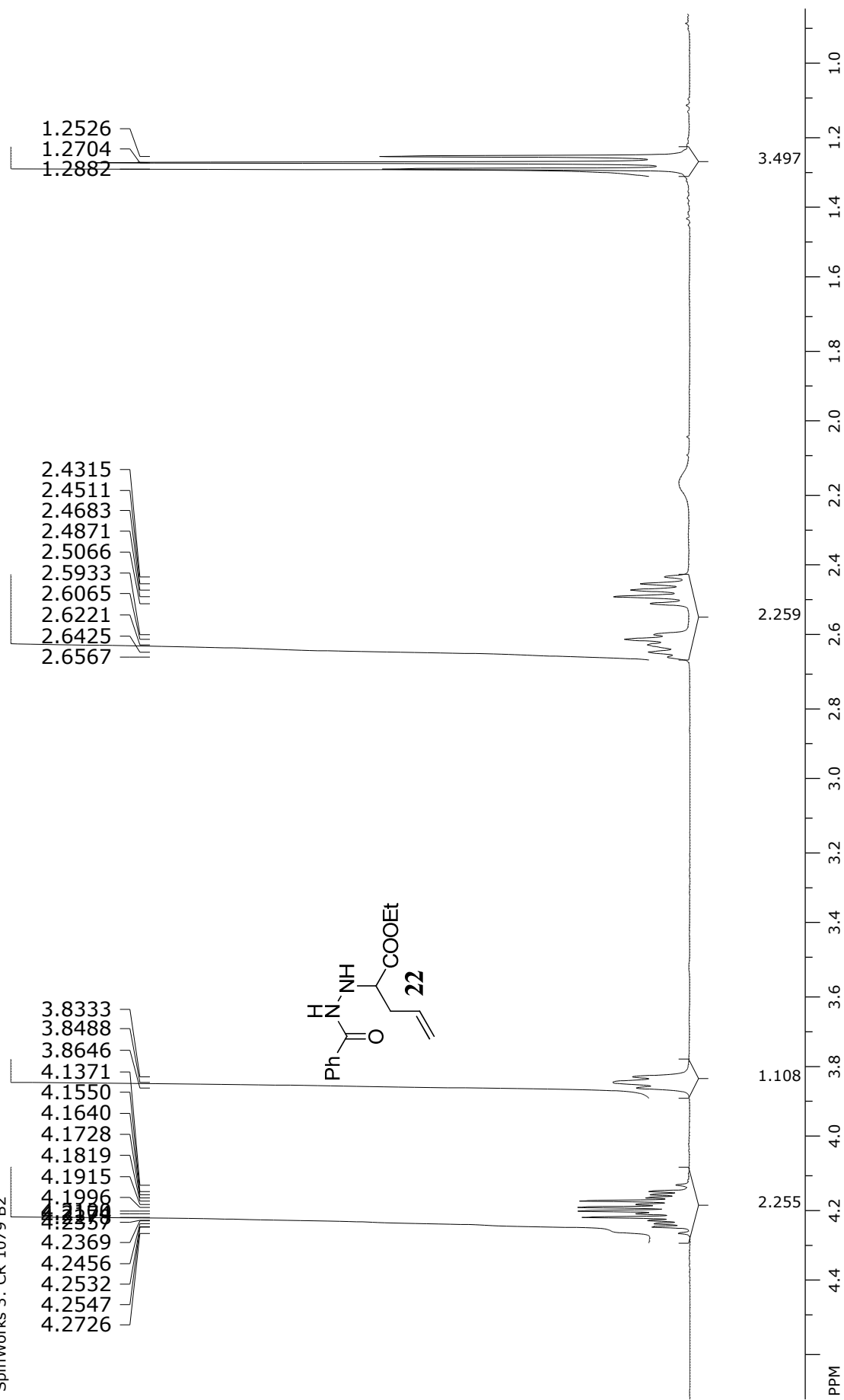


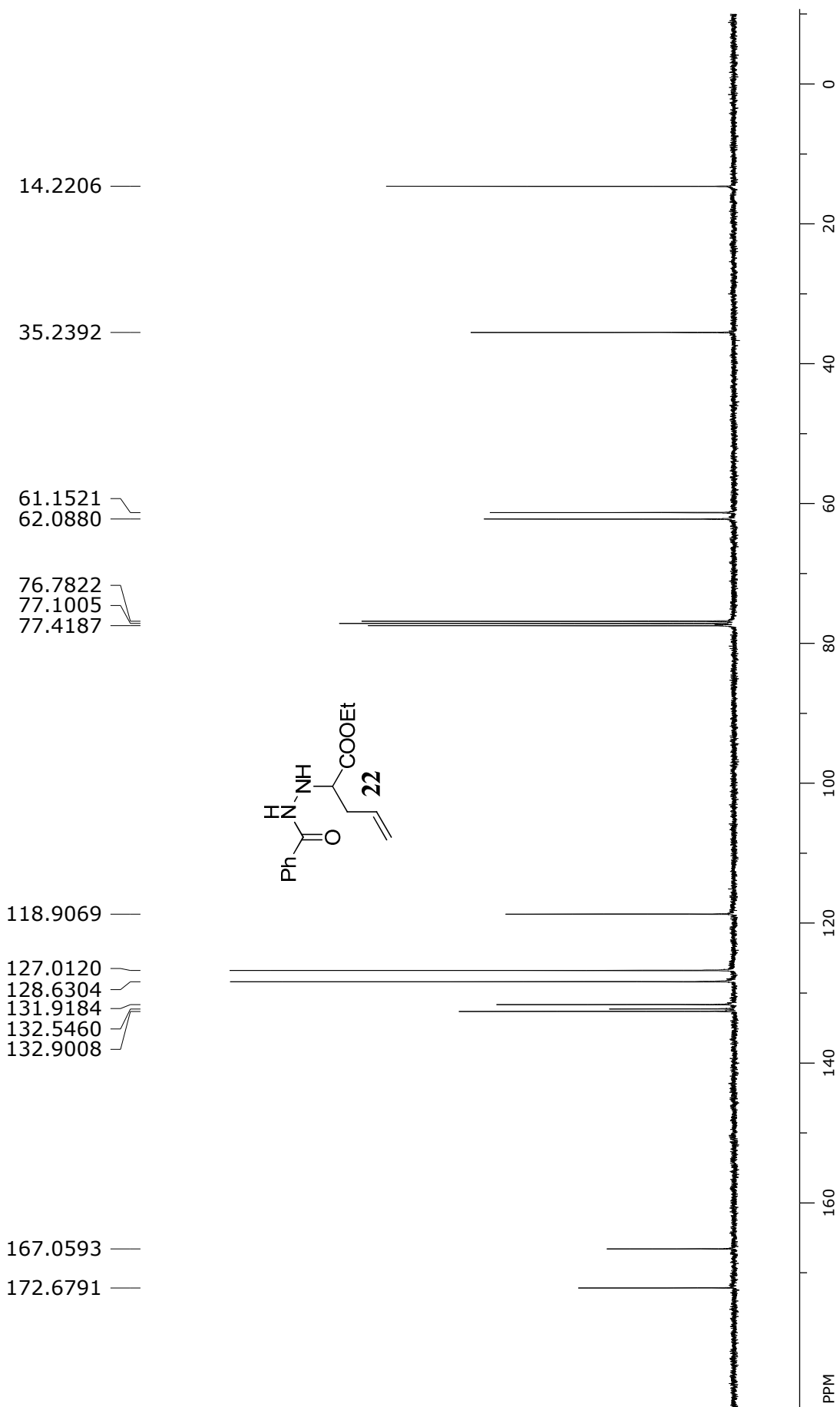


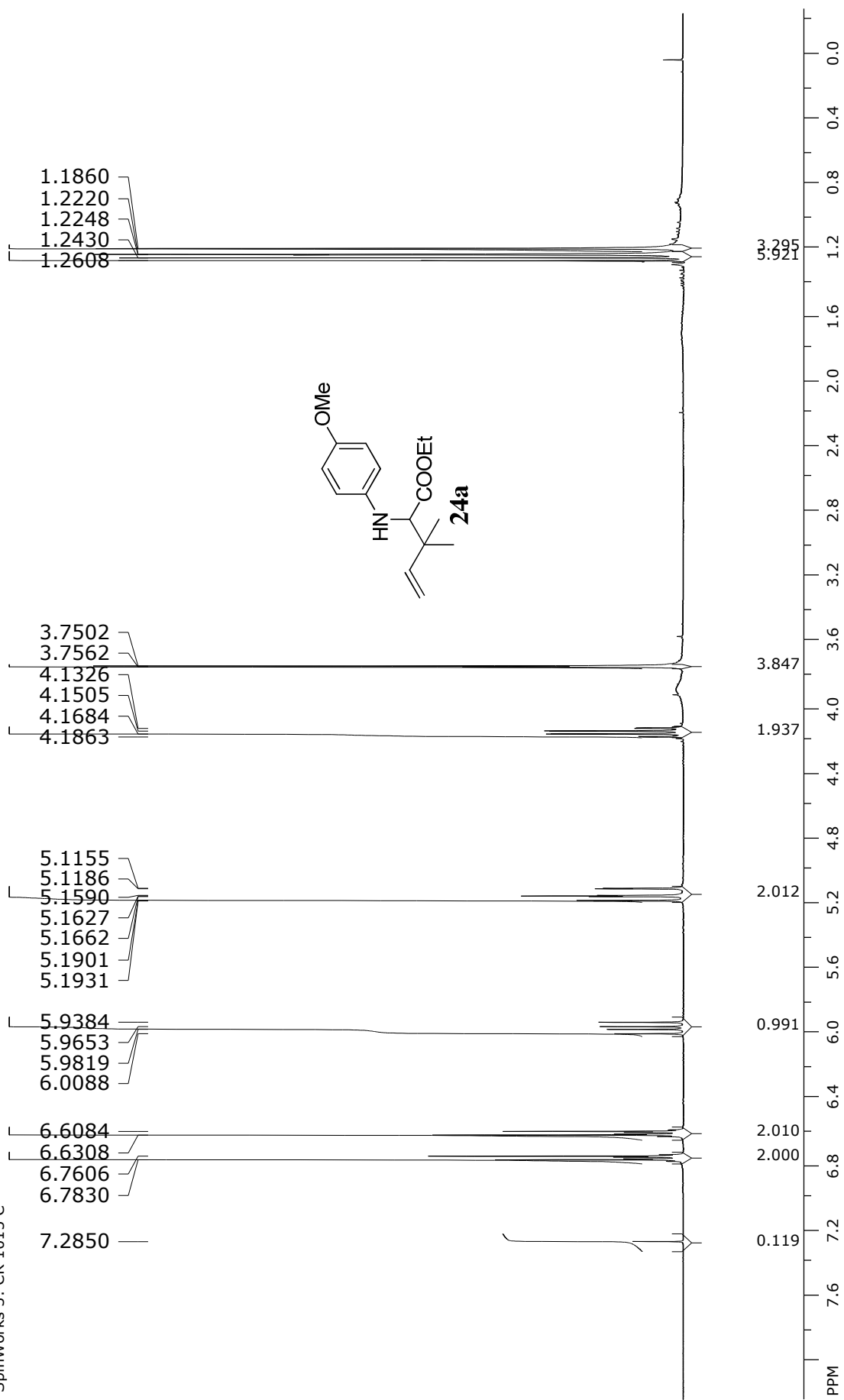




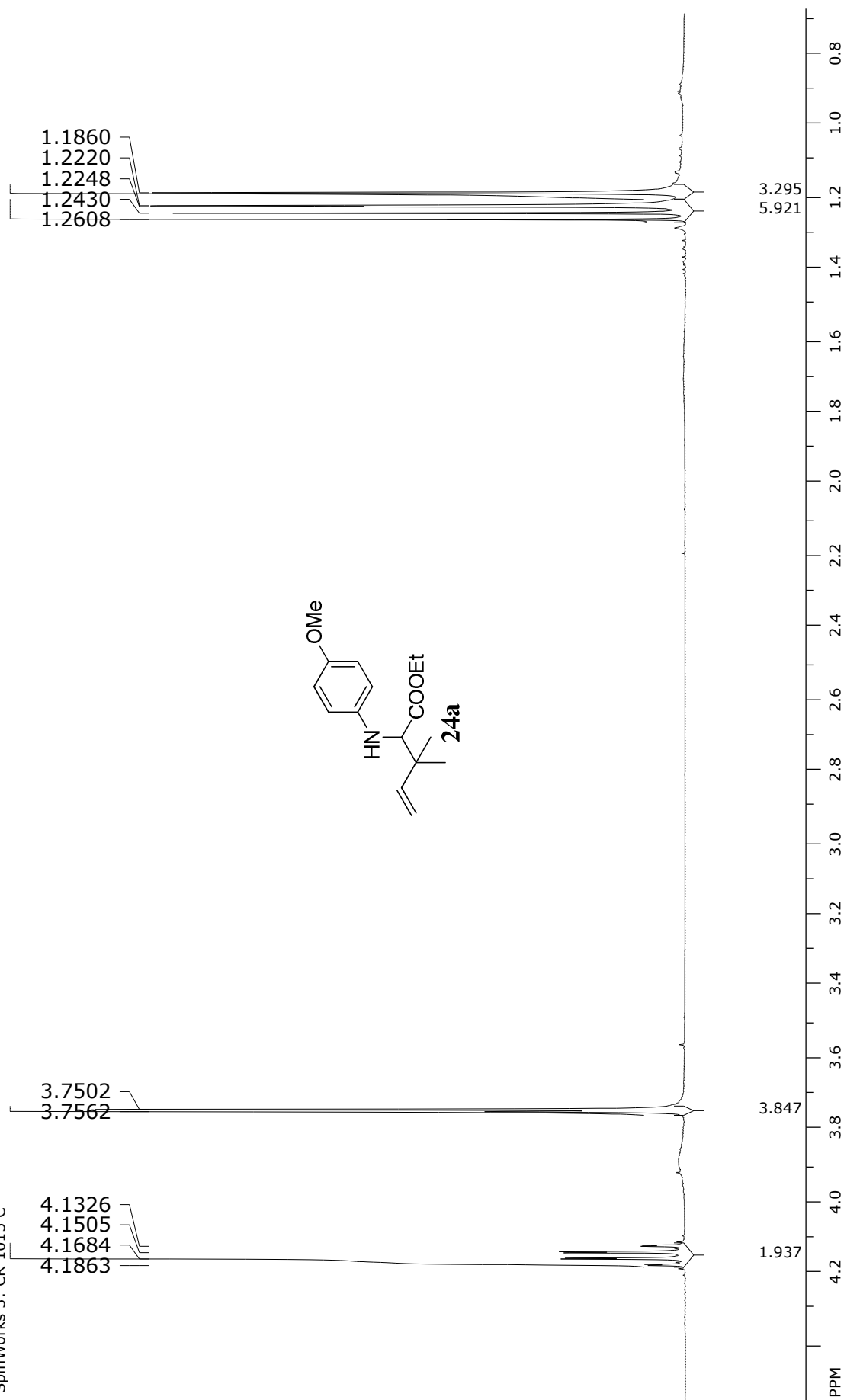


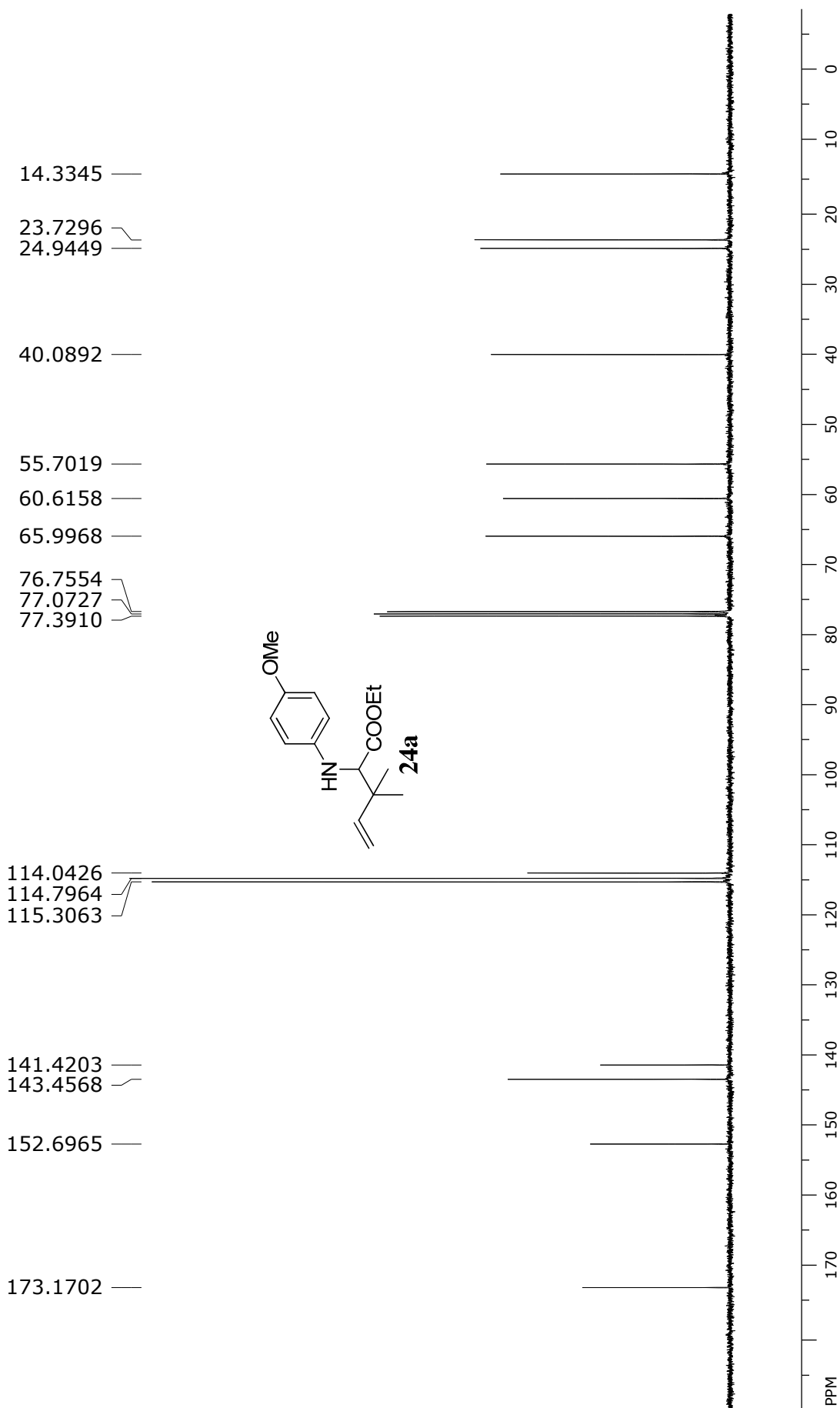


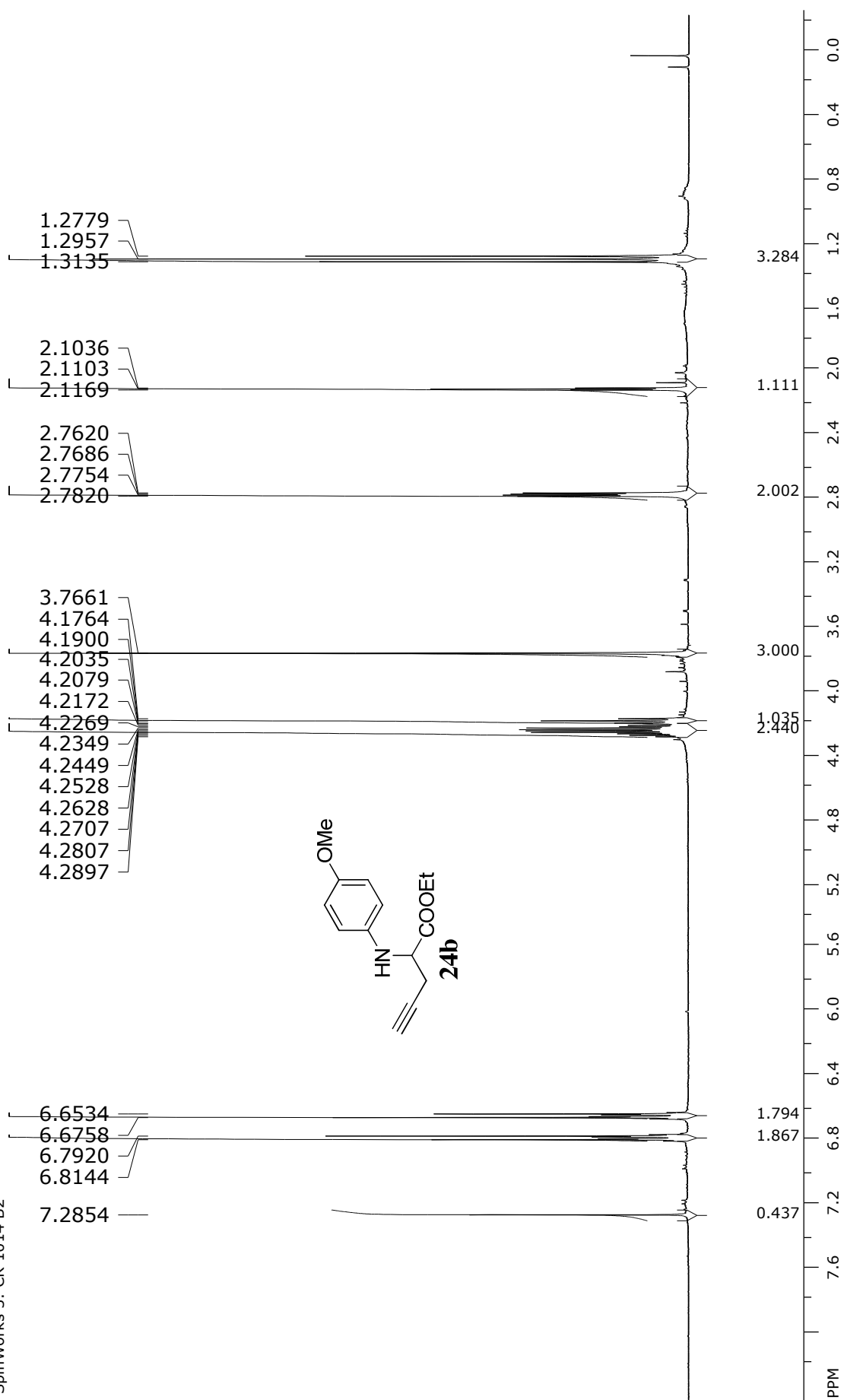


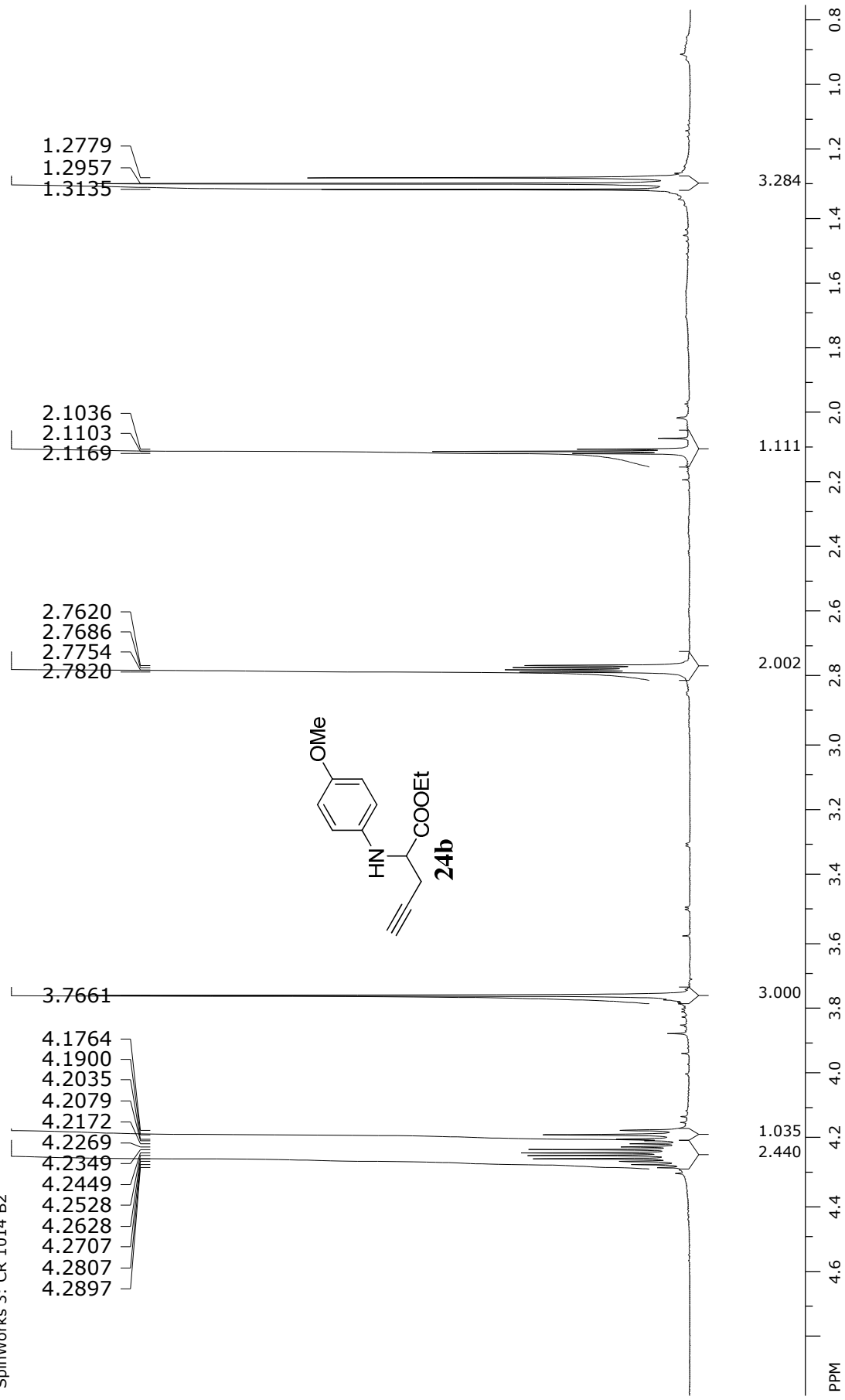


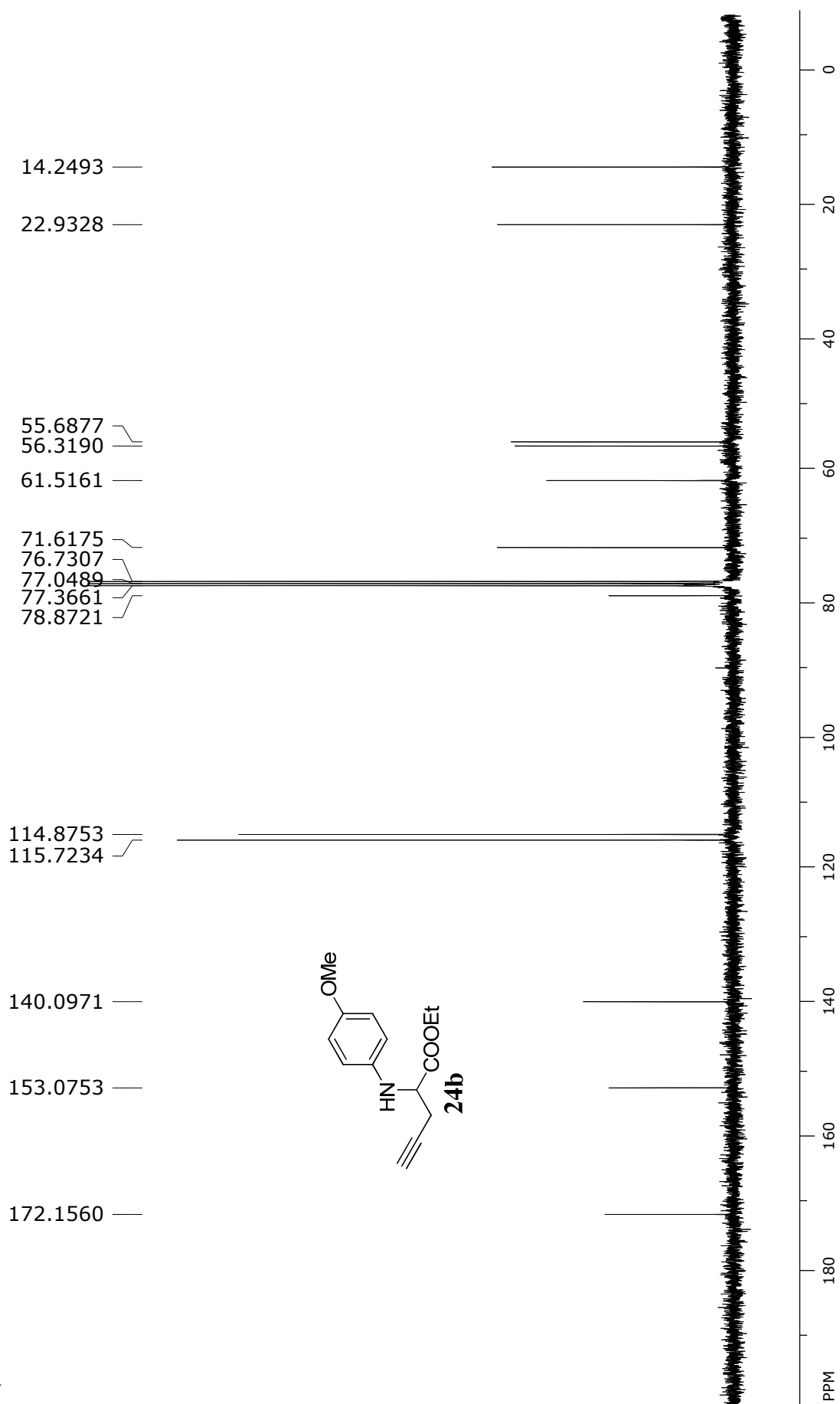
SpinWorks 3: CR 1015 C

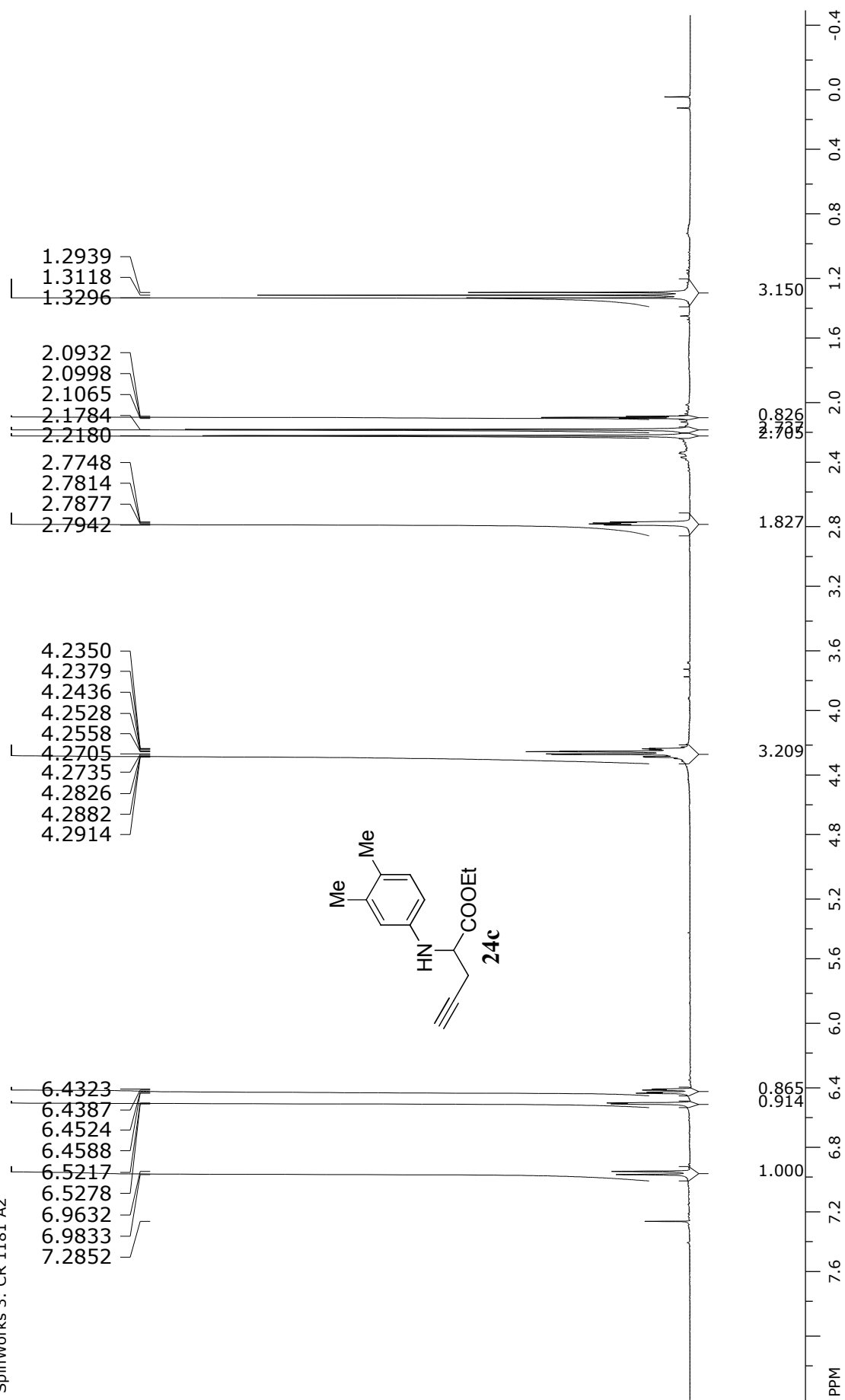


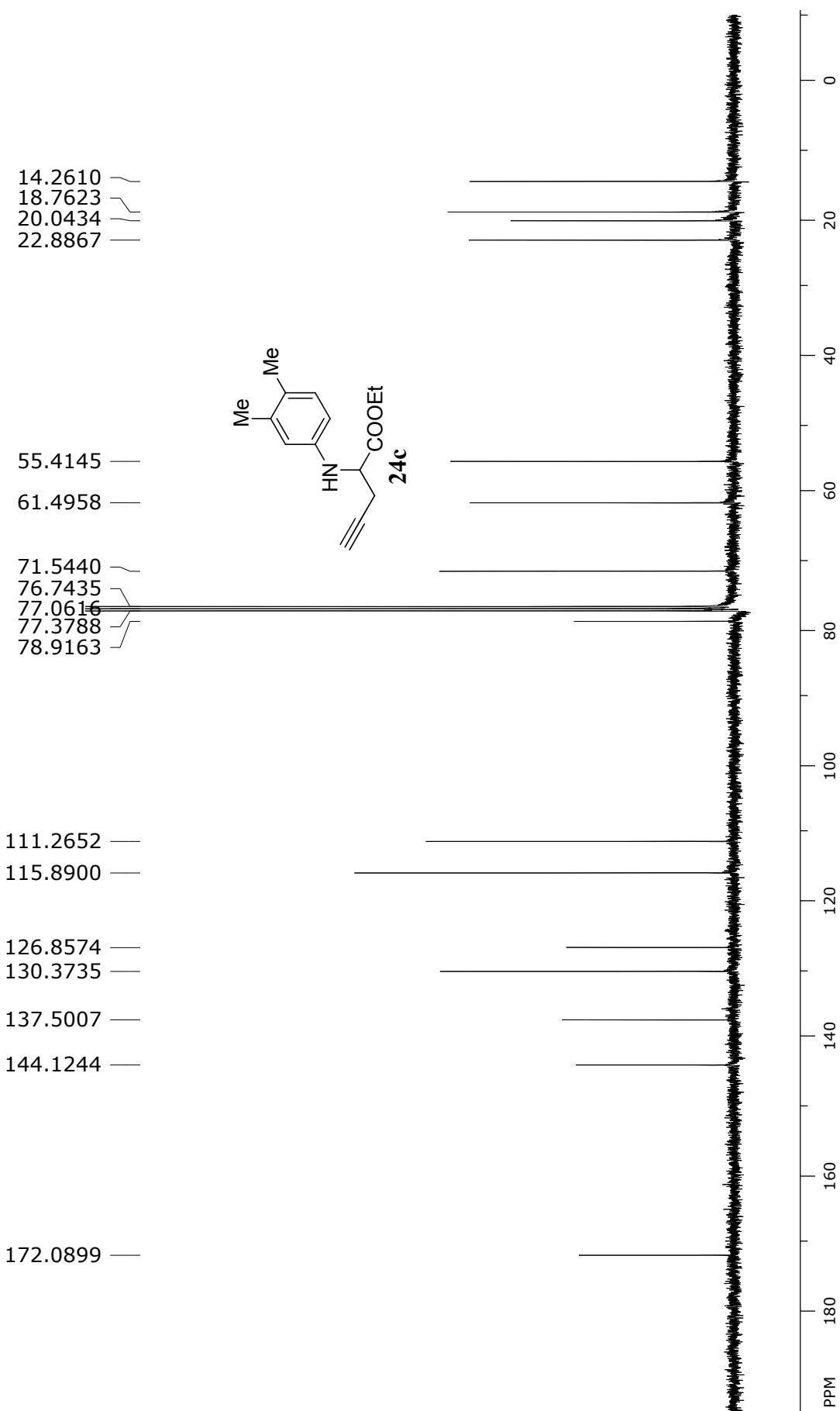


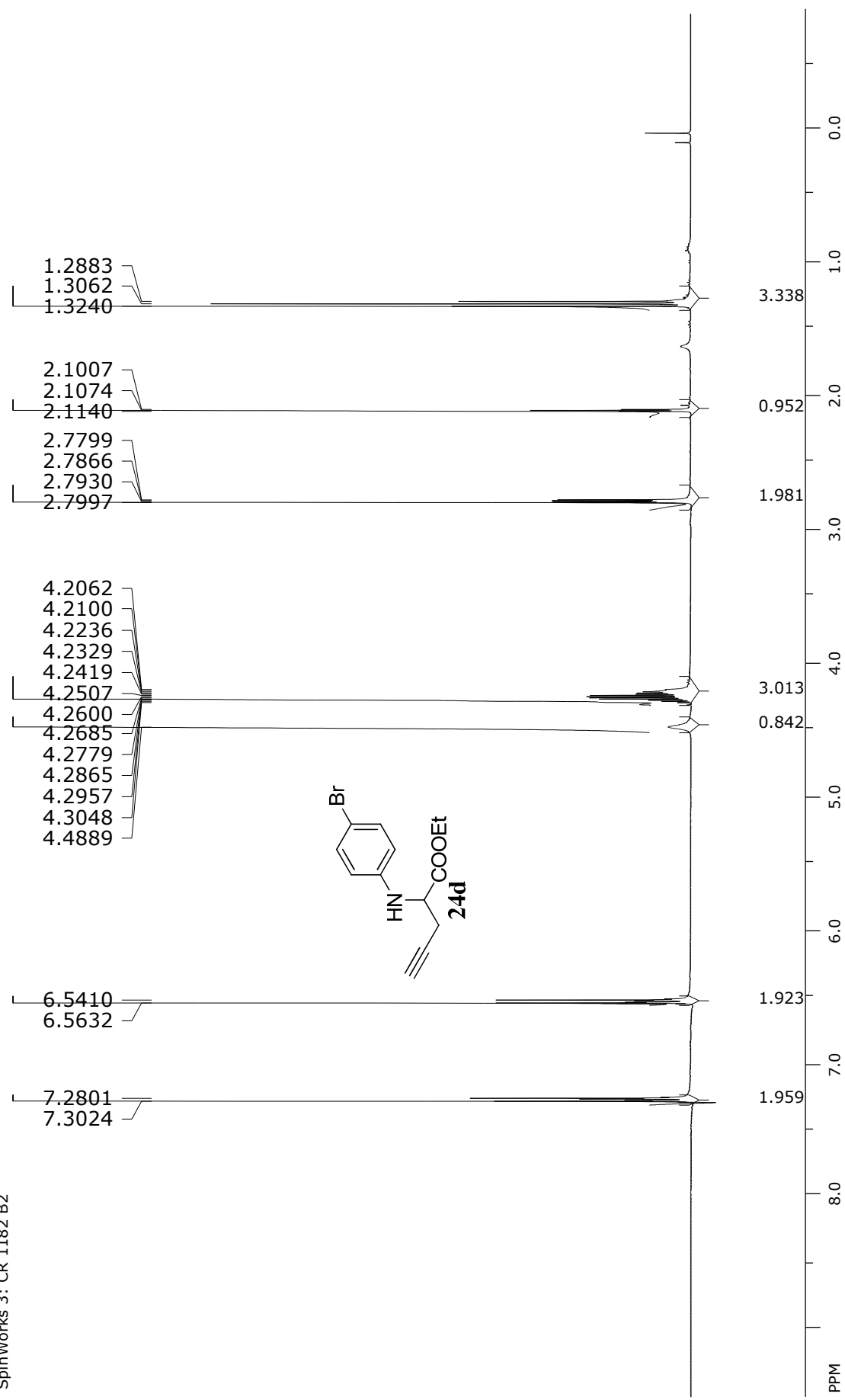


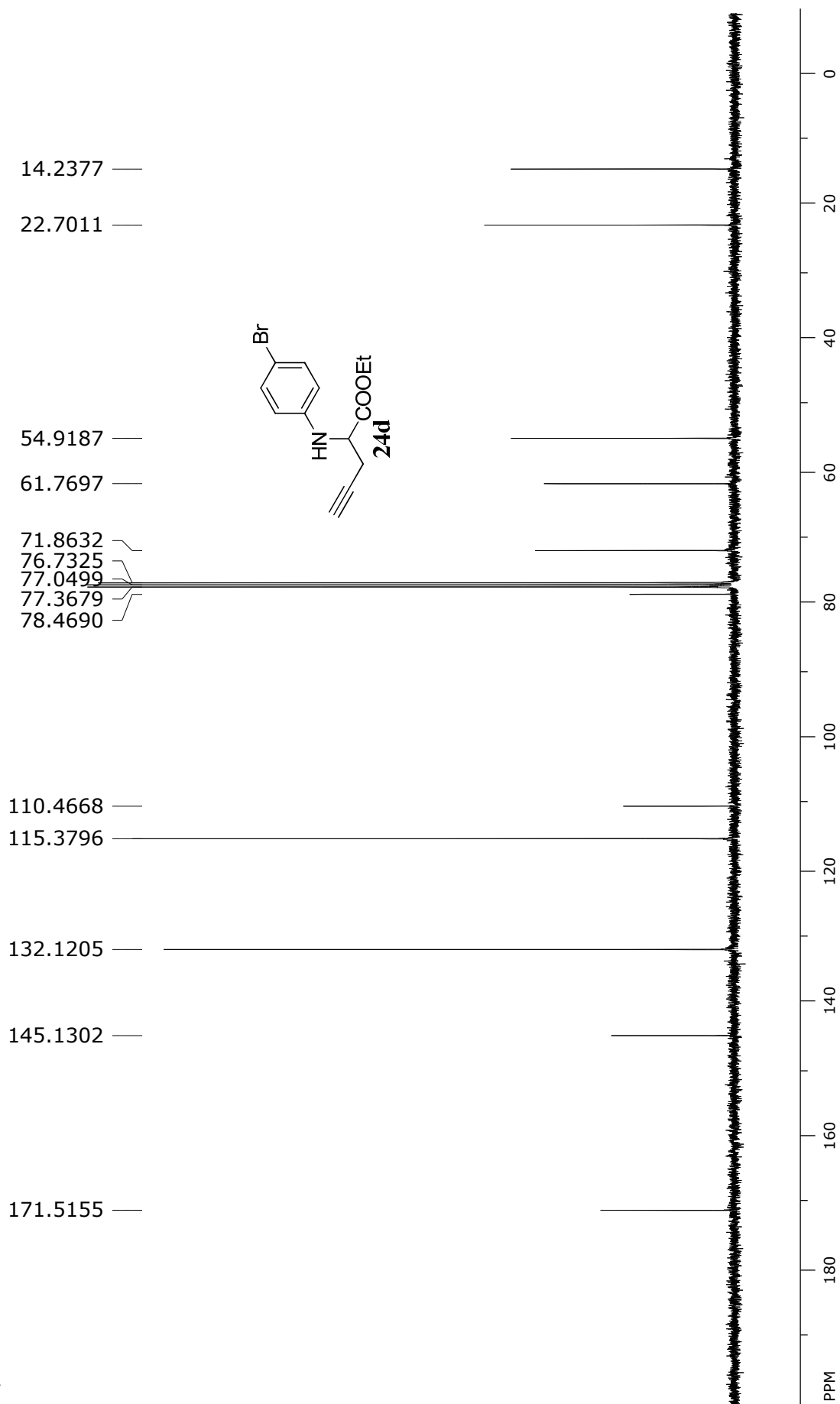


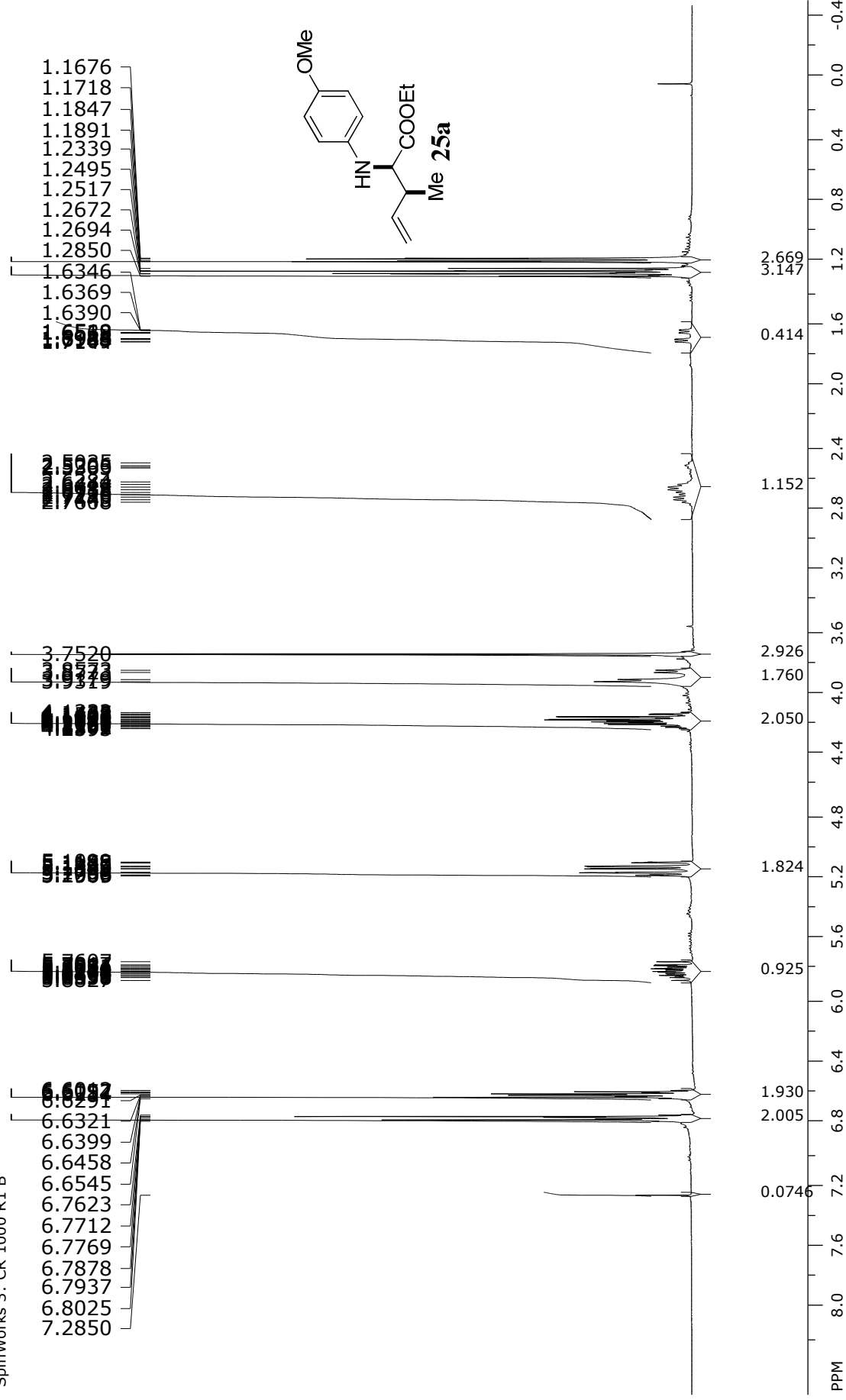


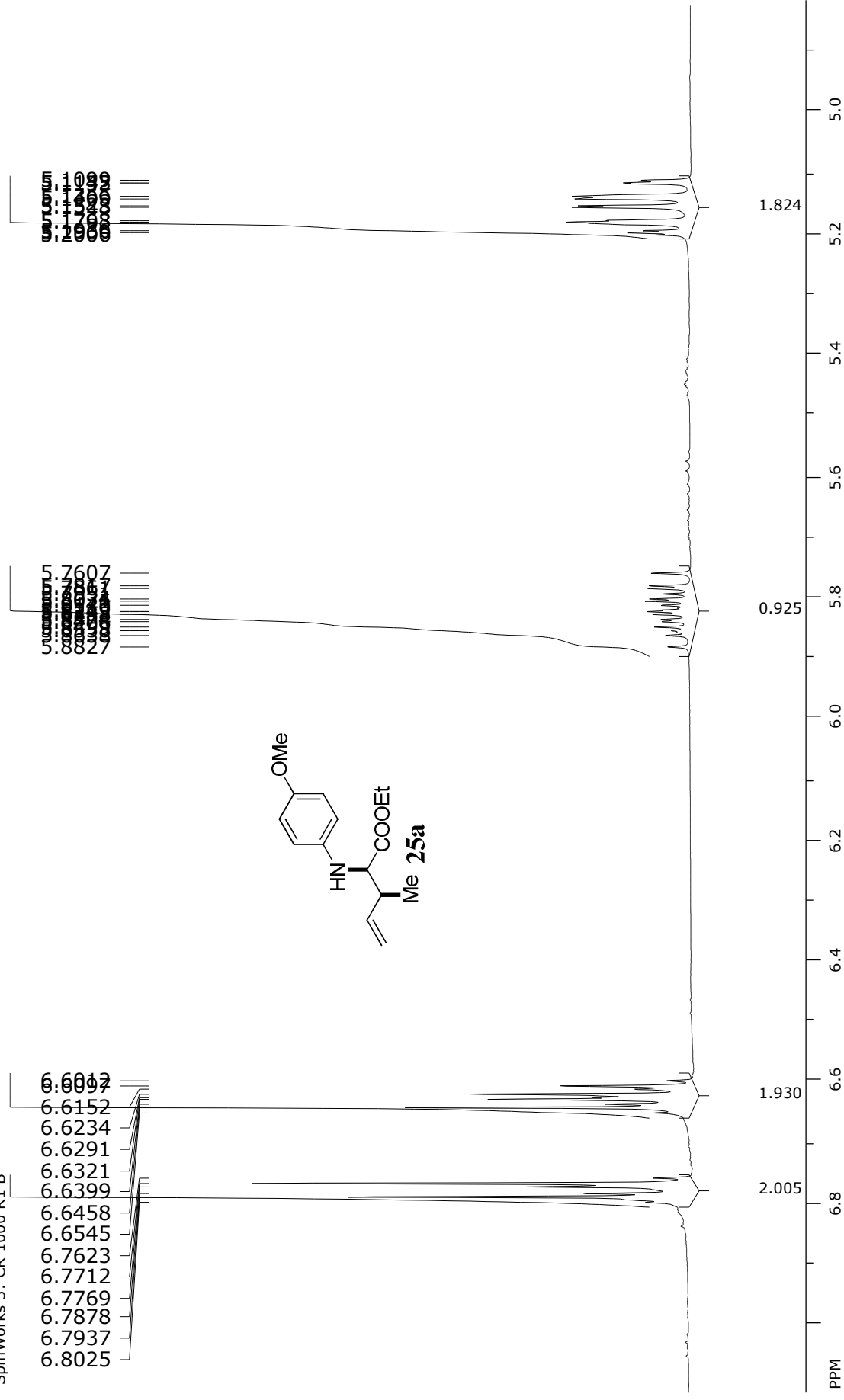


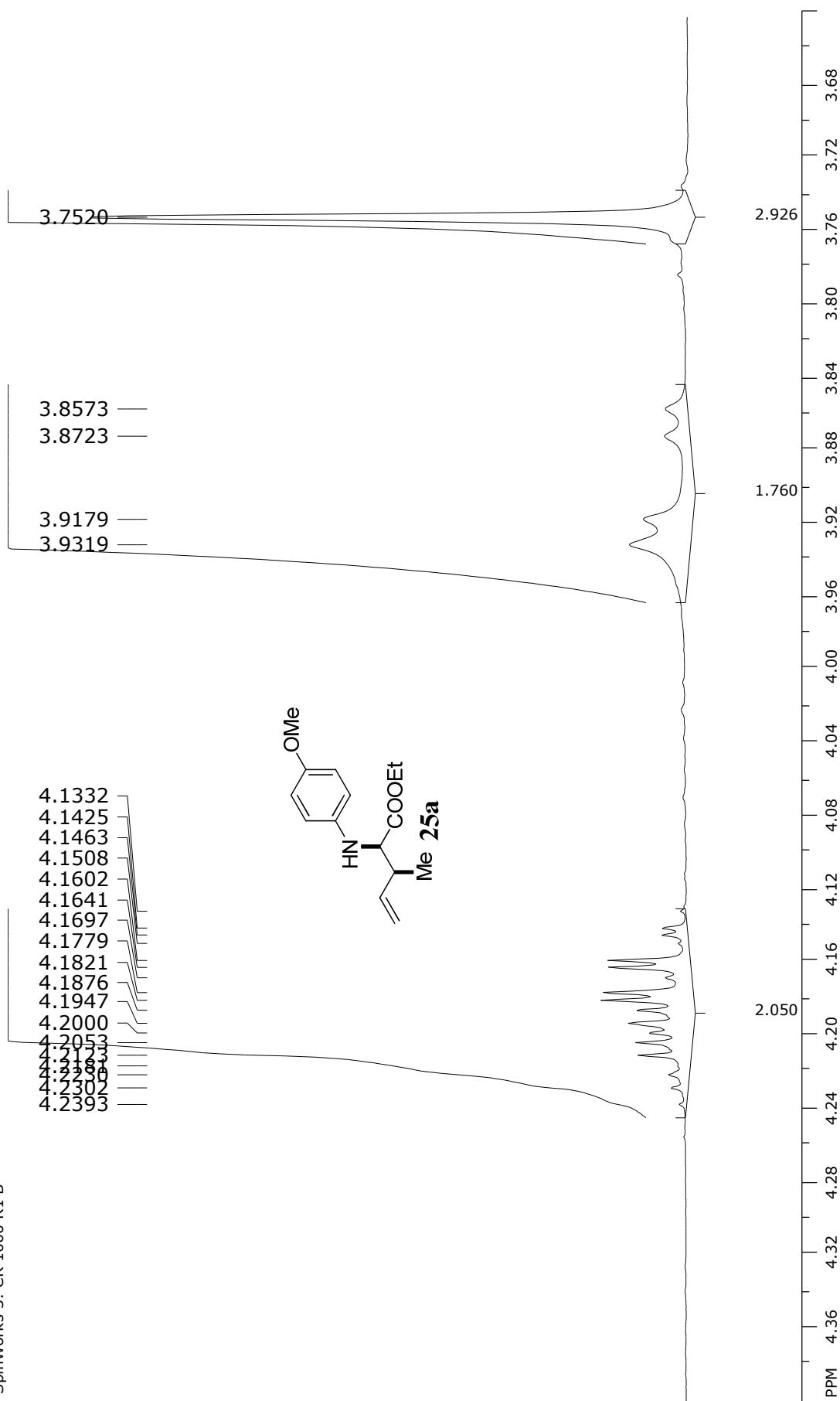


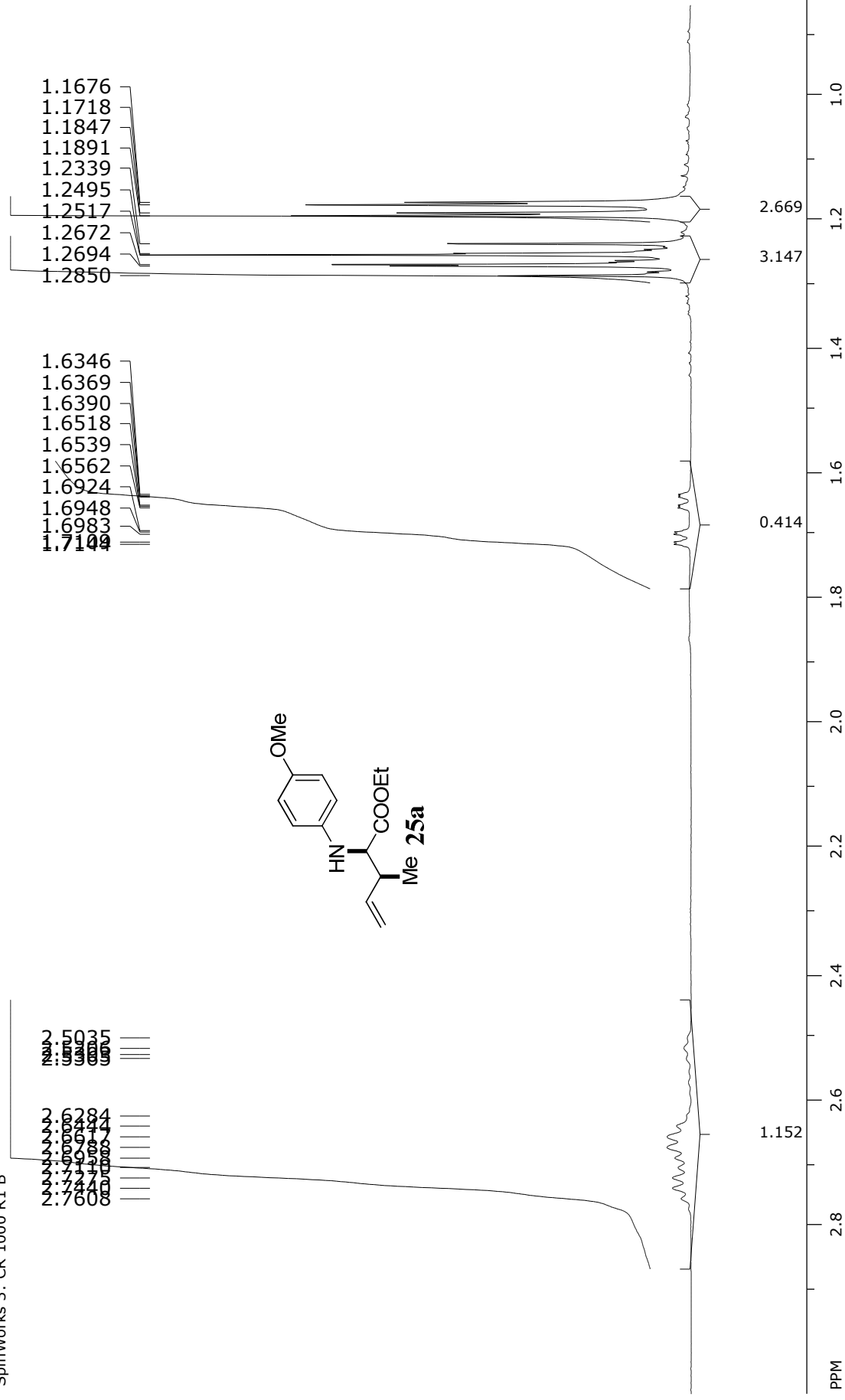


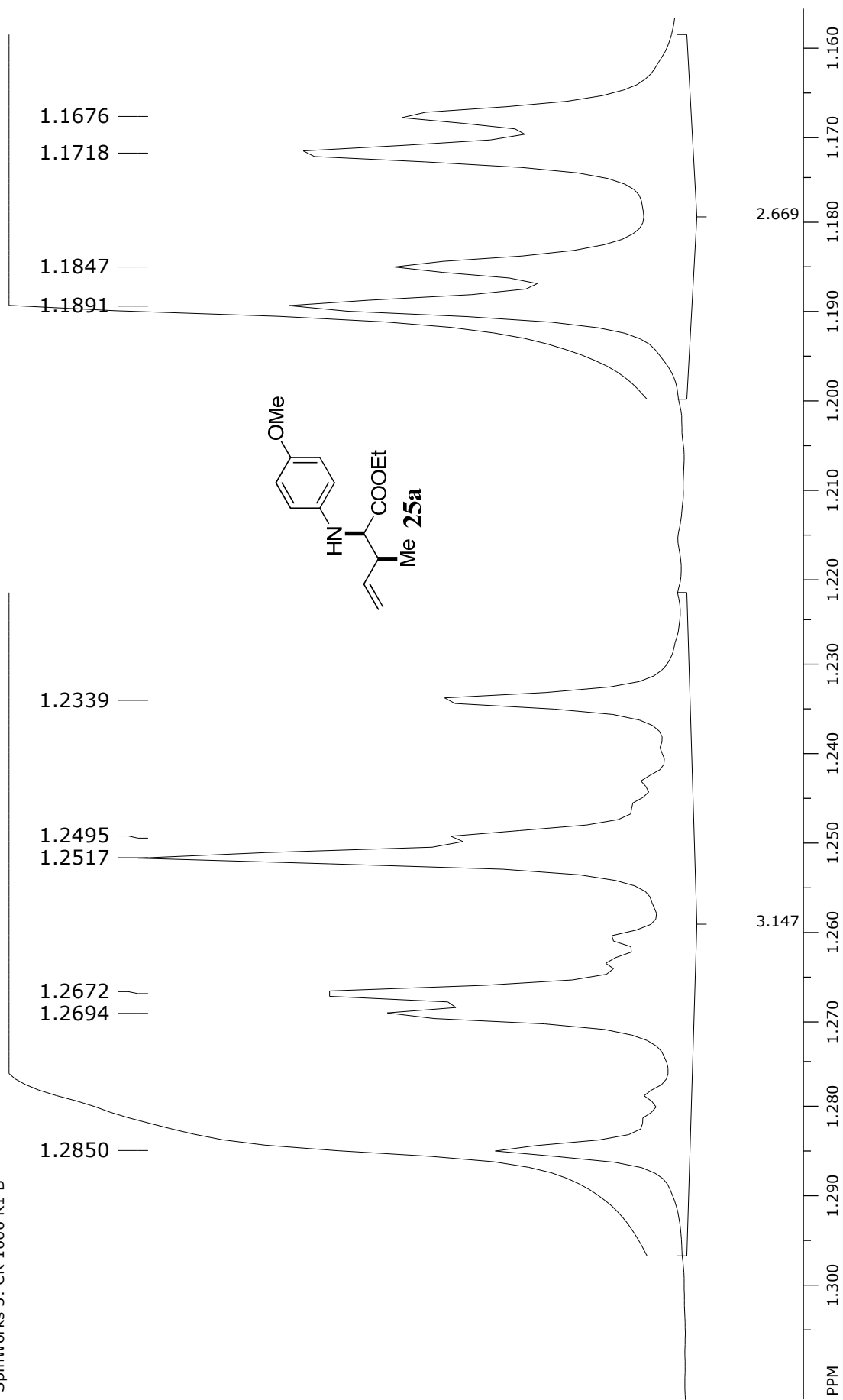


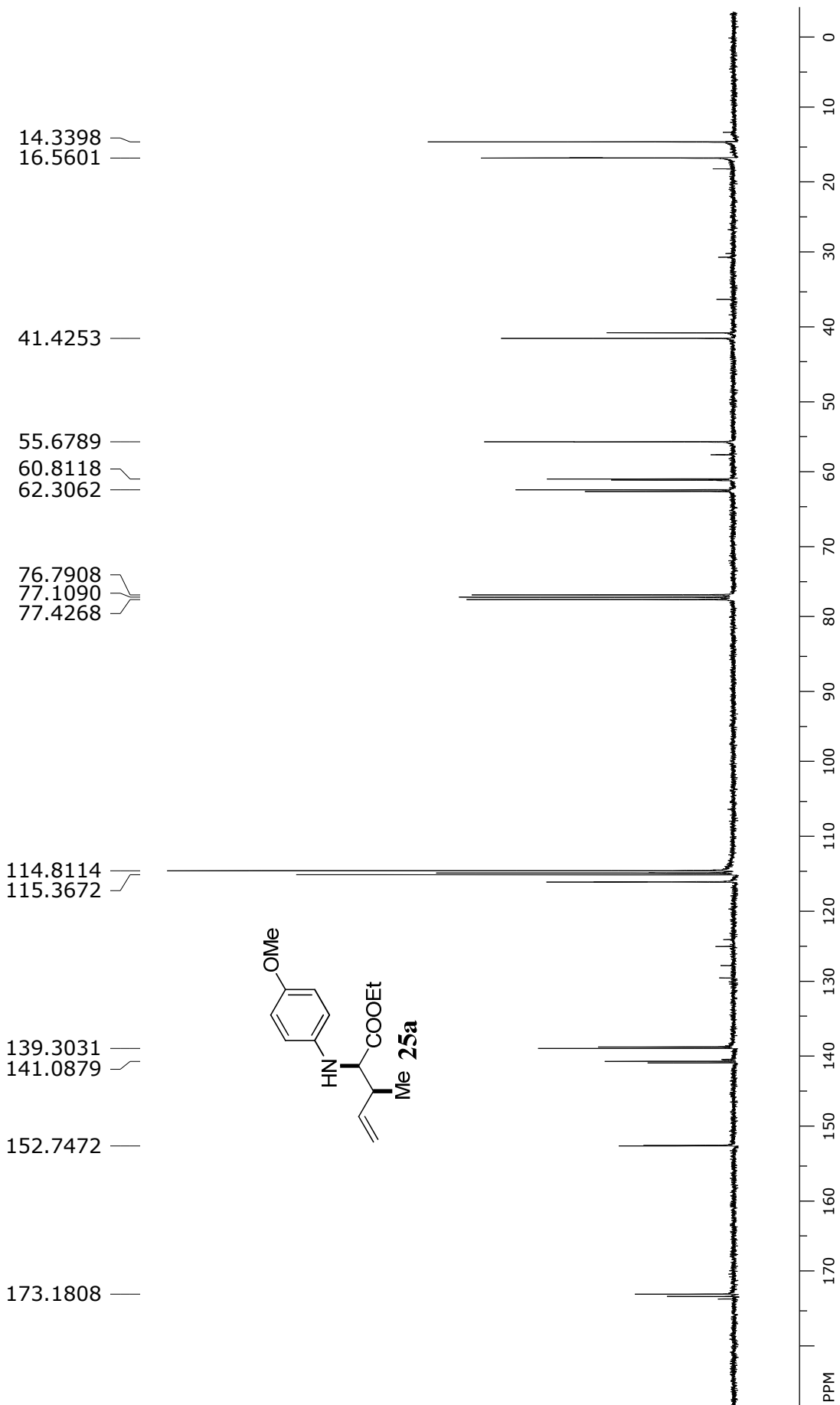


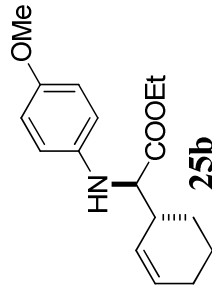


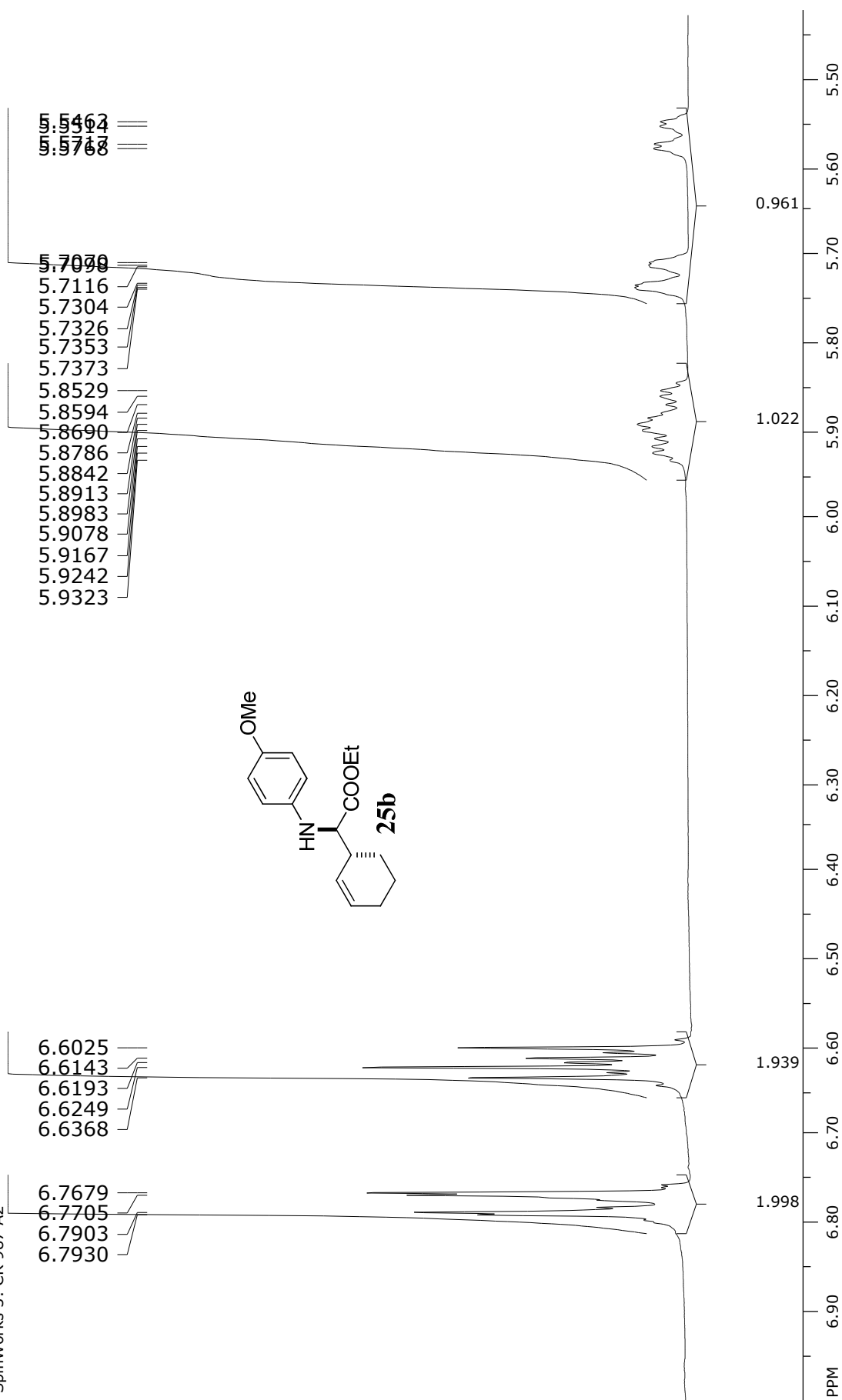


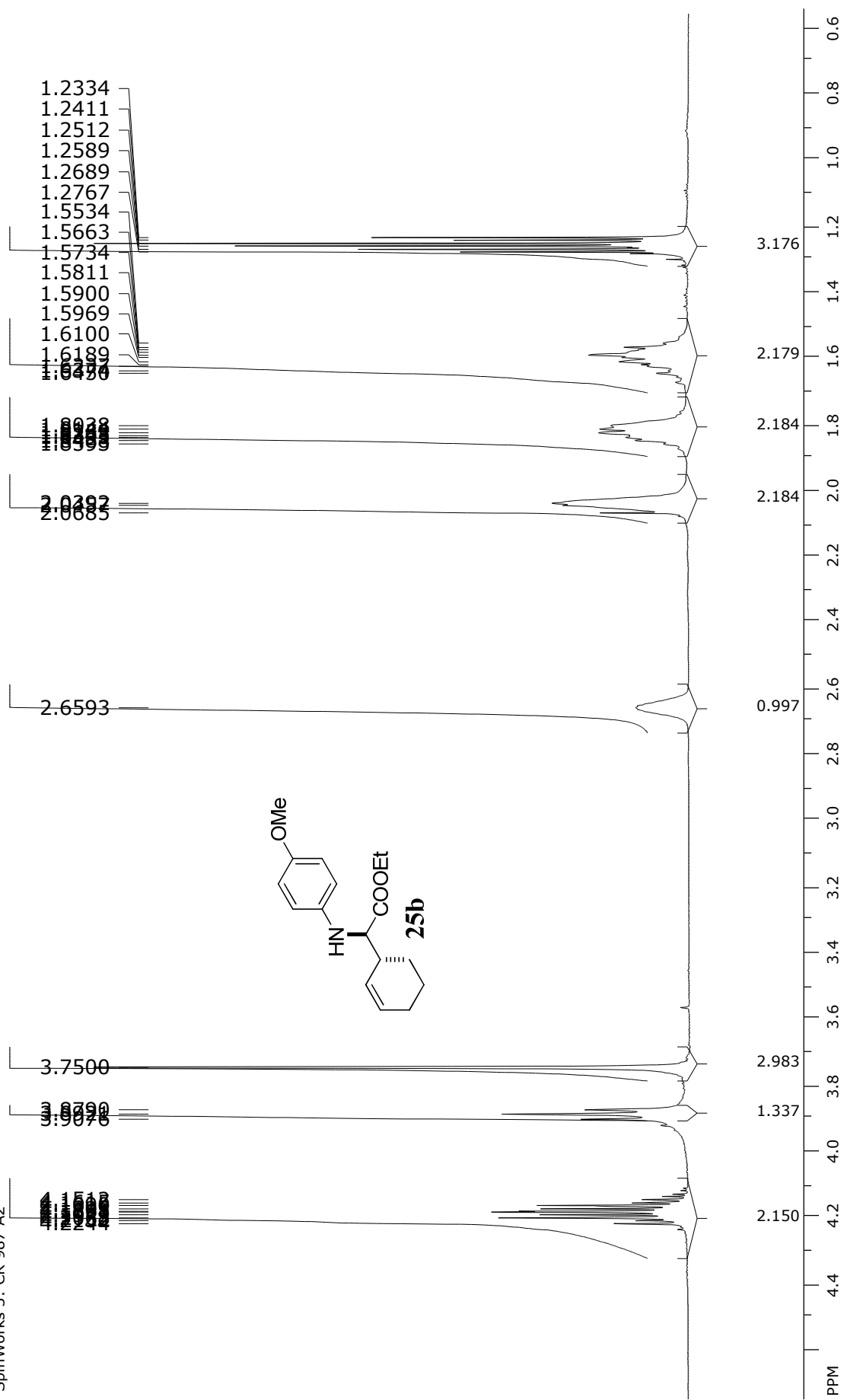


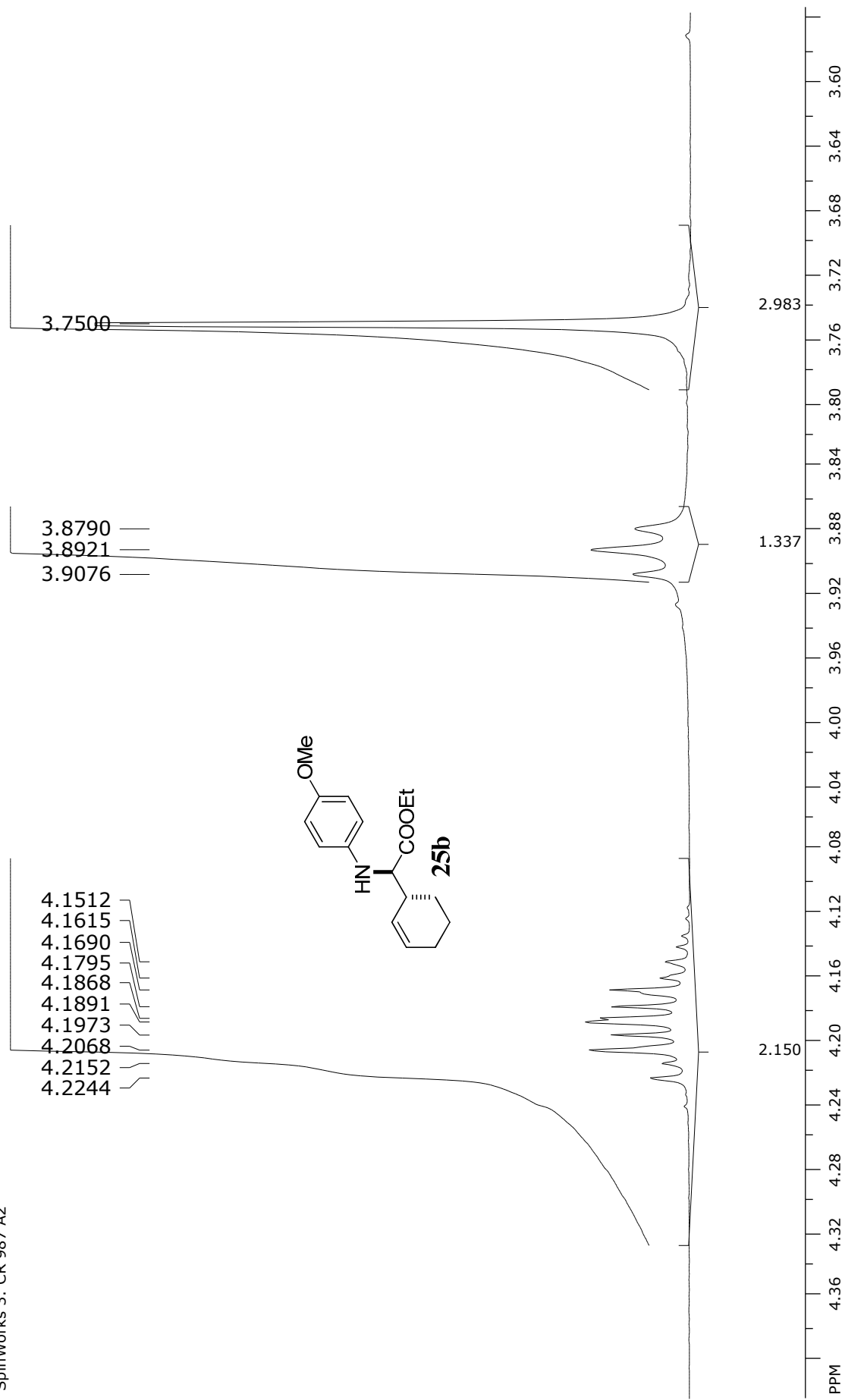


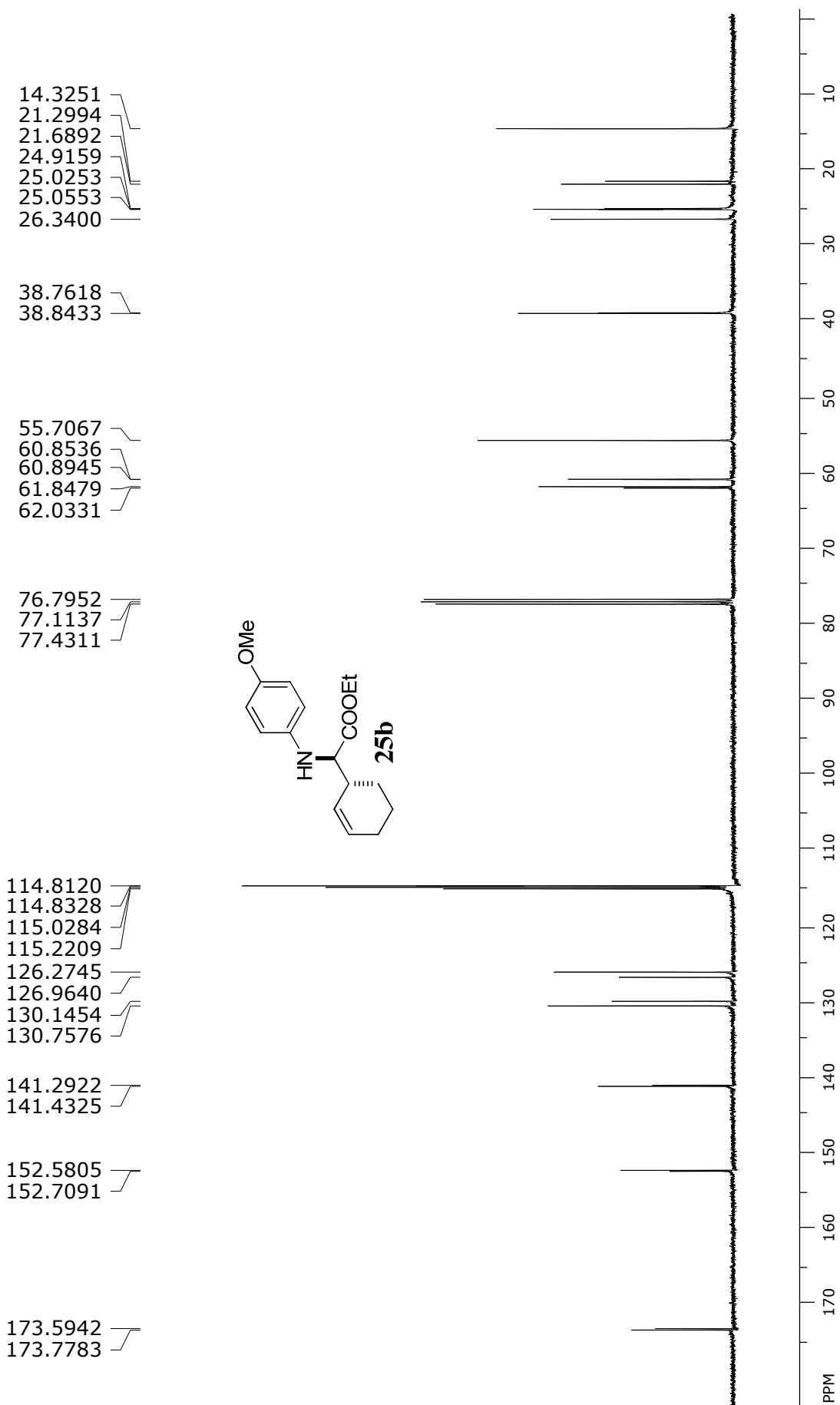


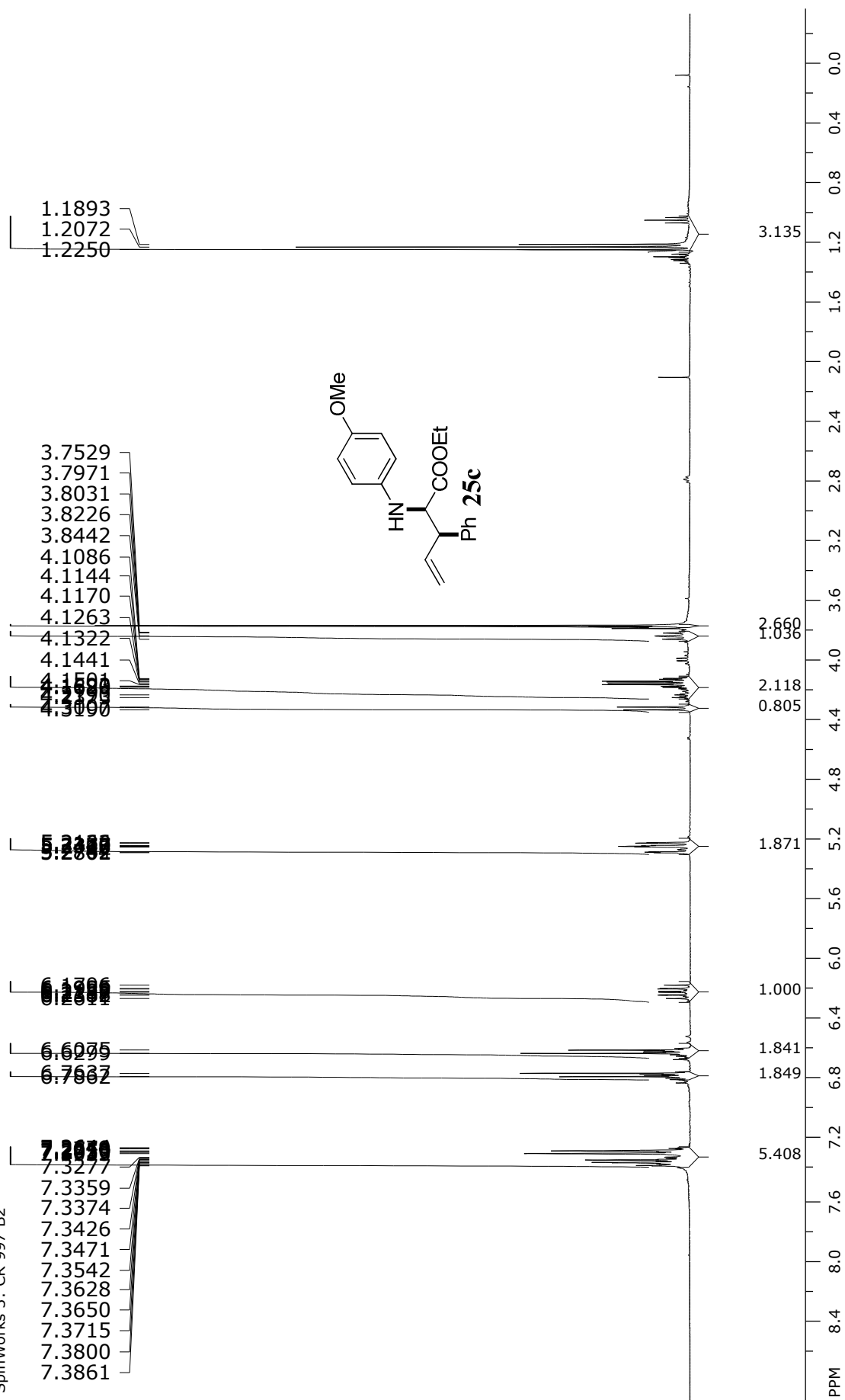


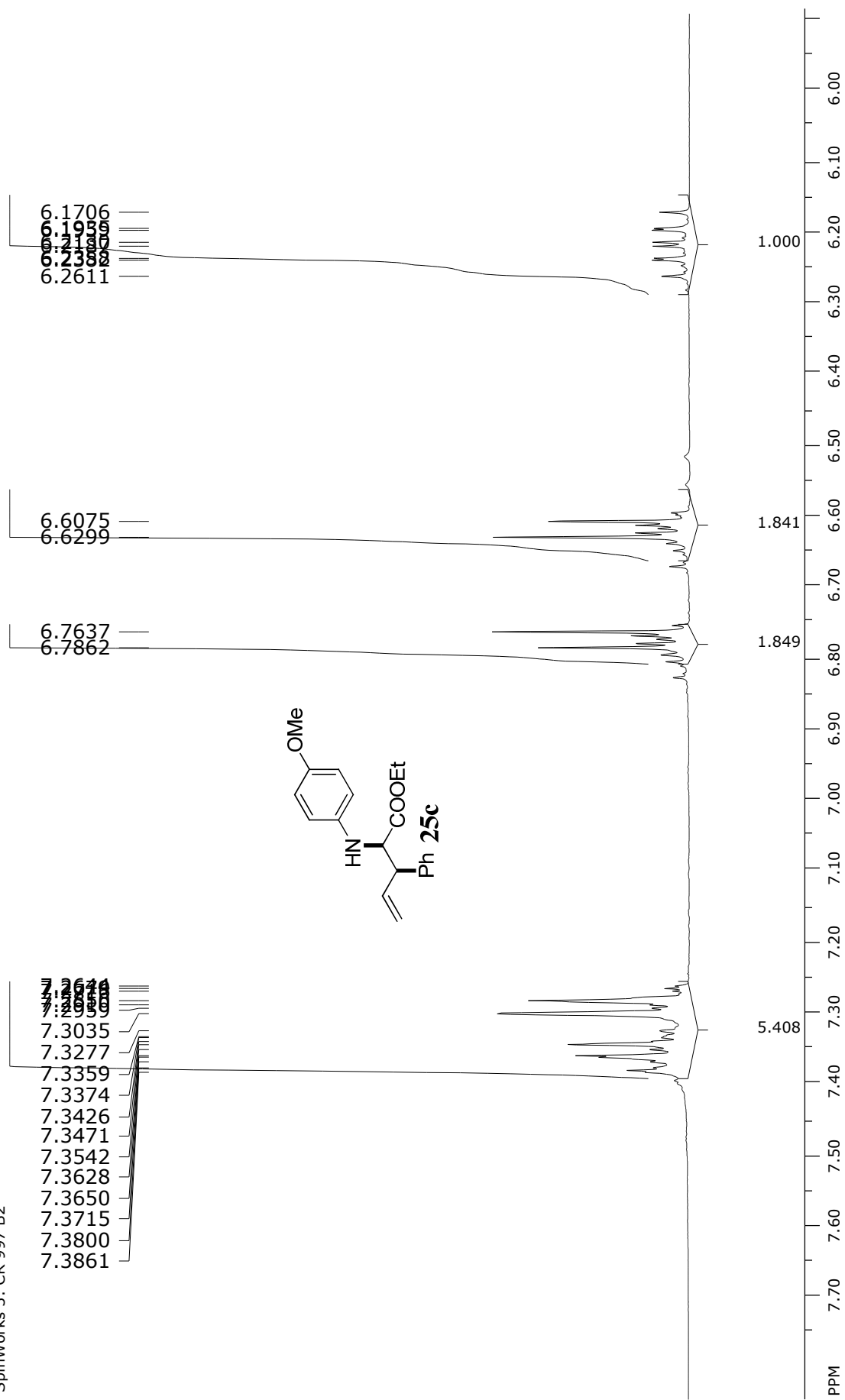


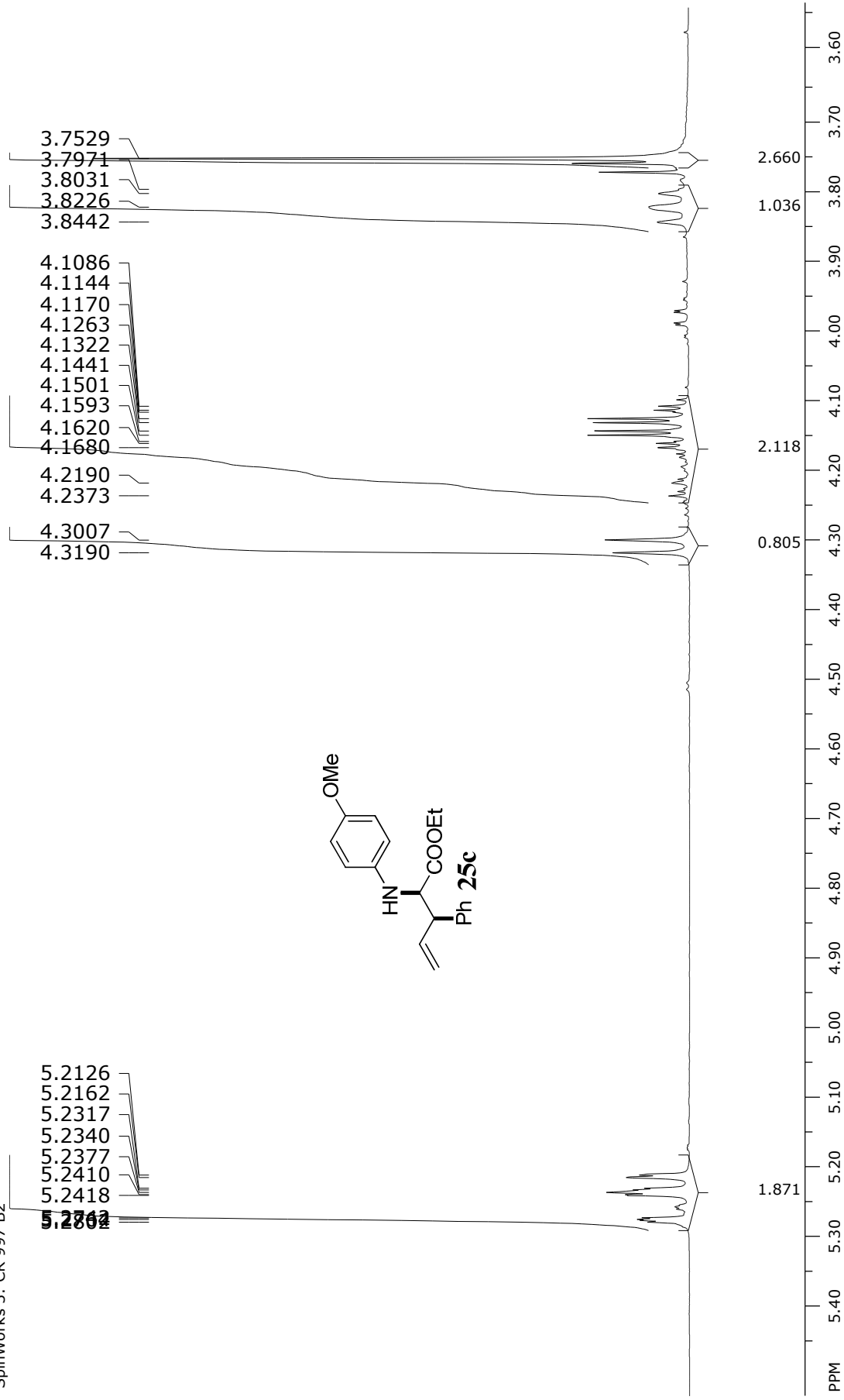


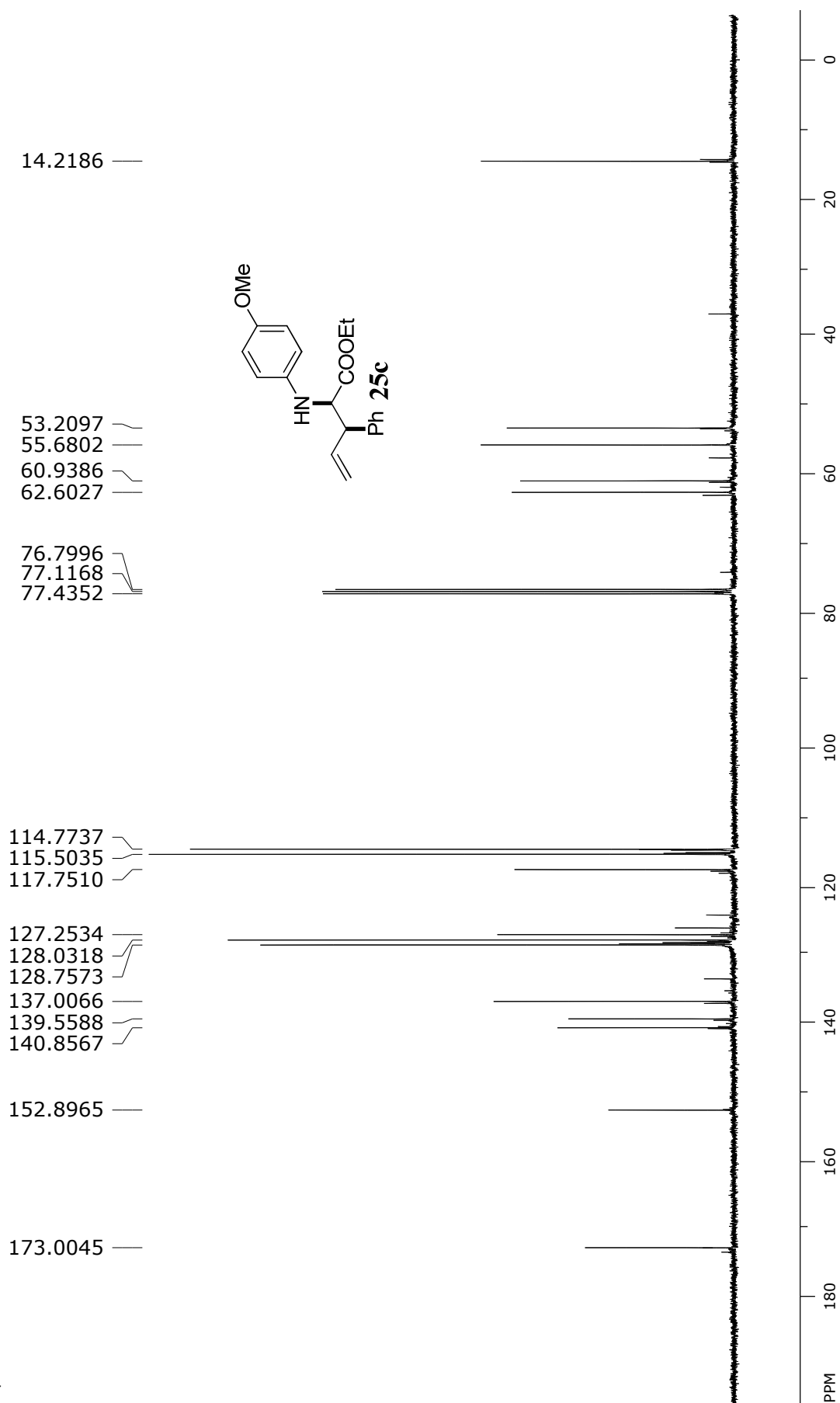


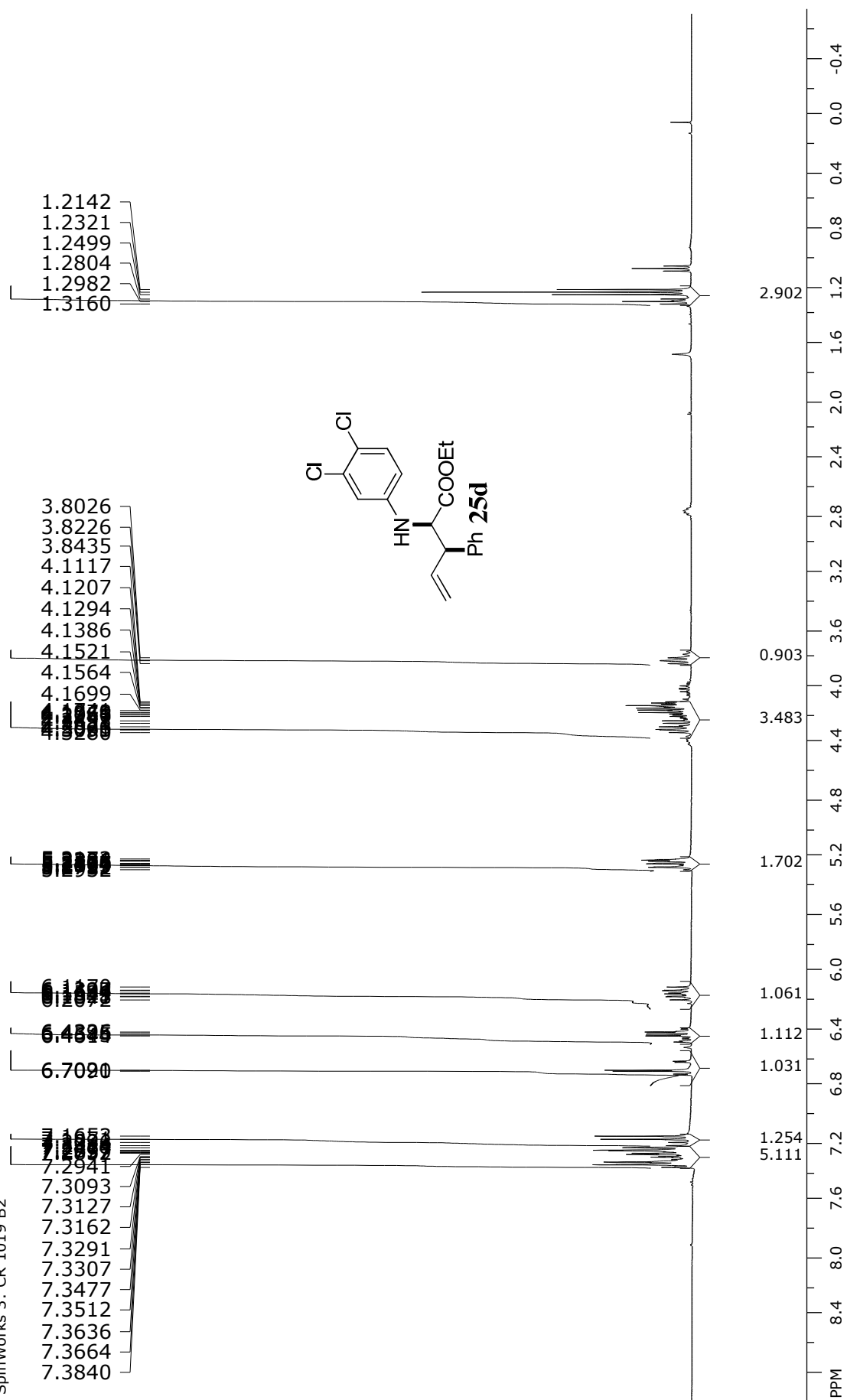


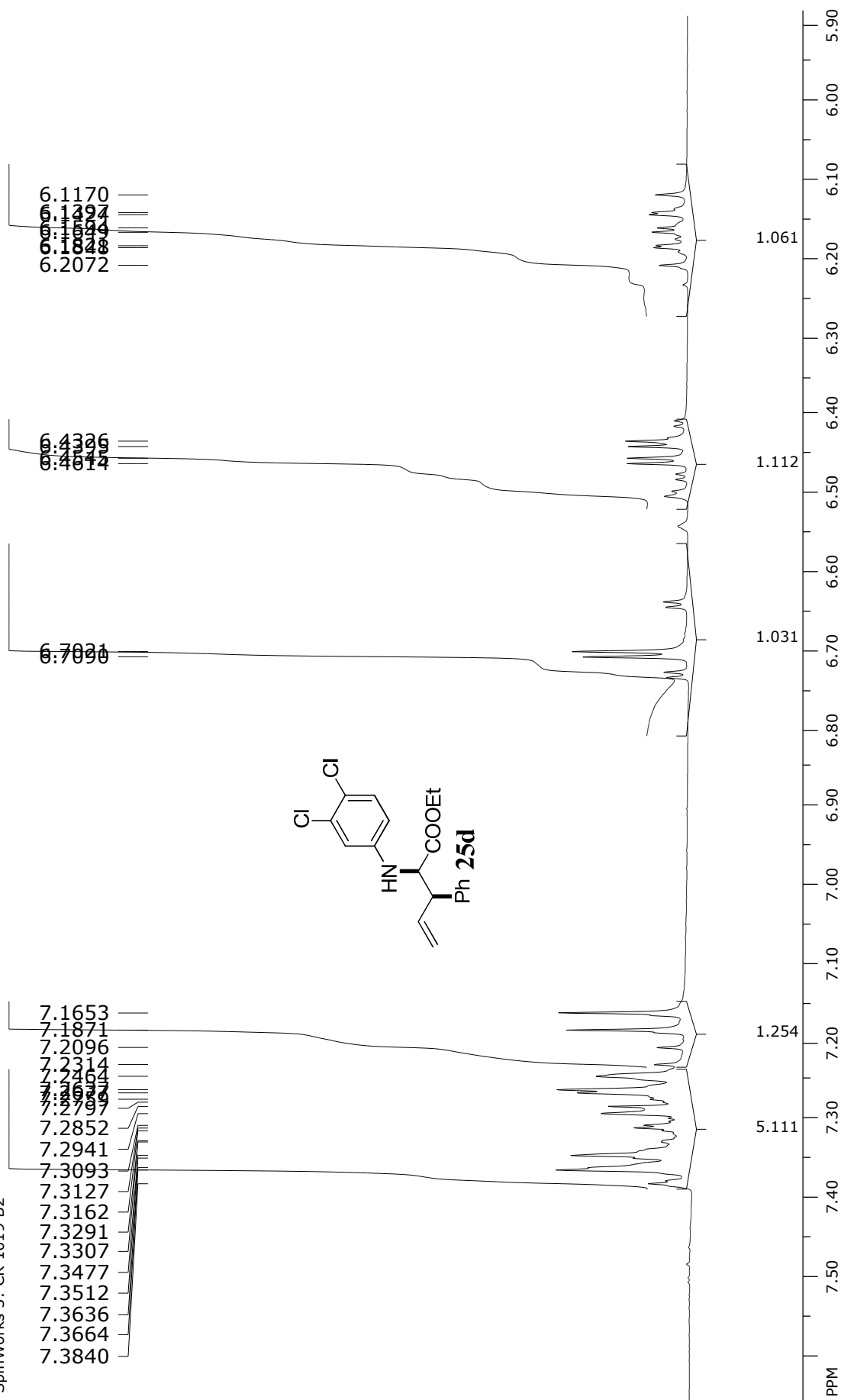


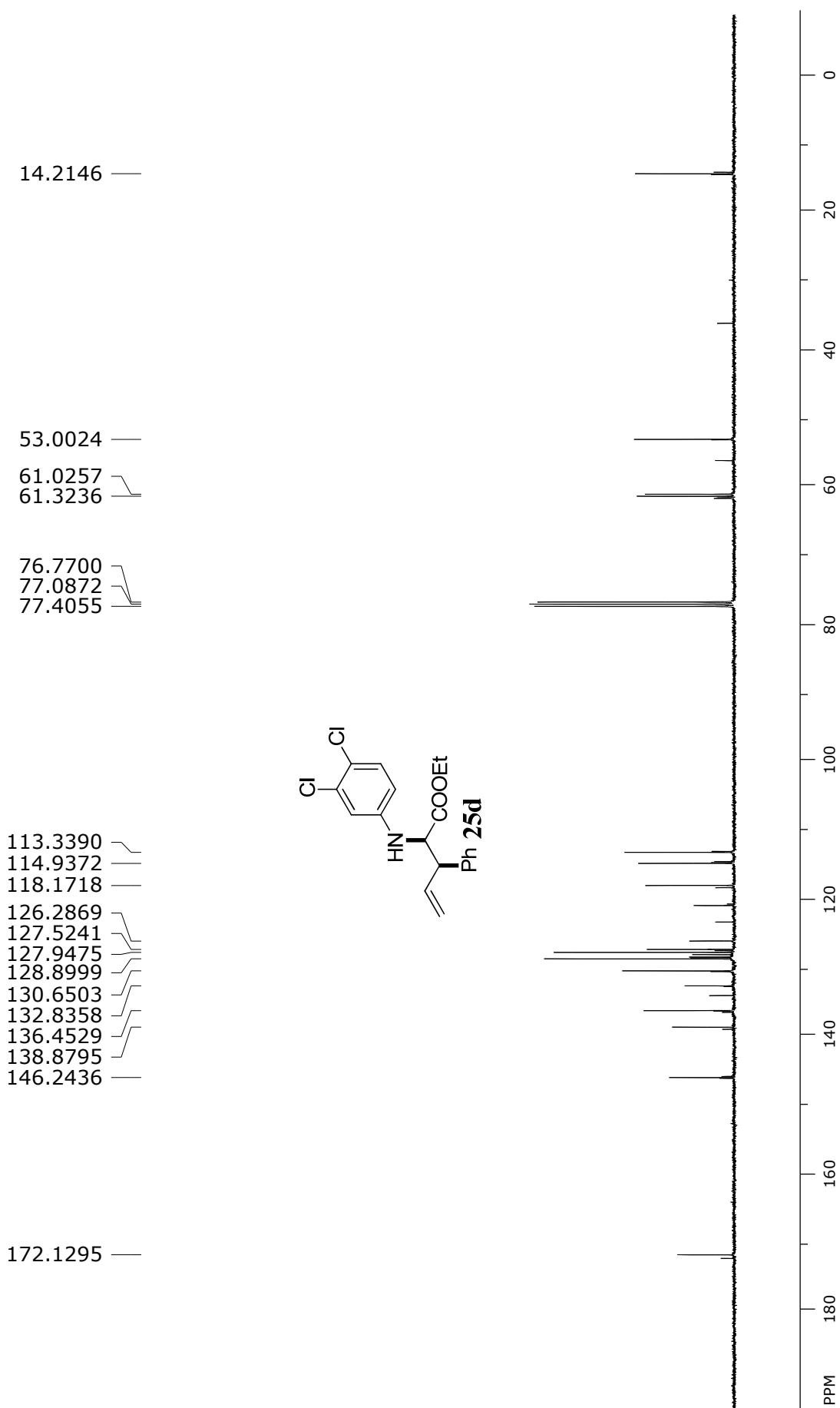


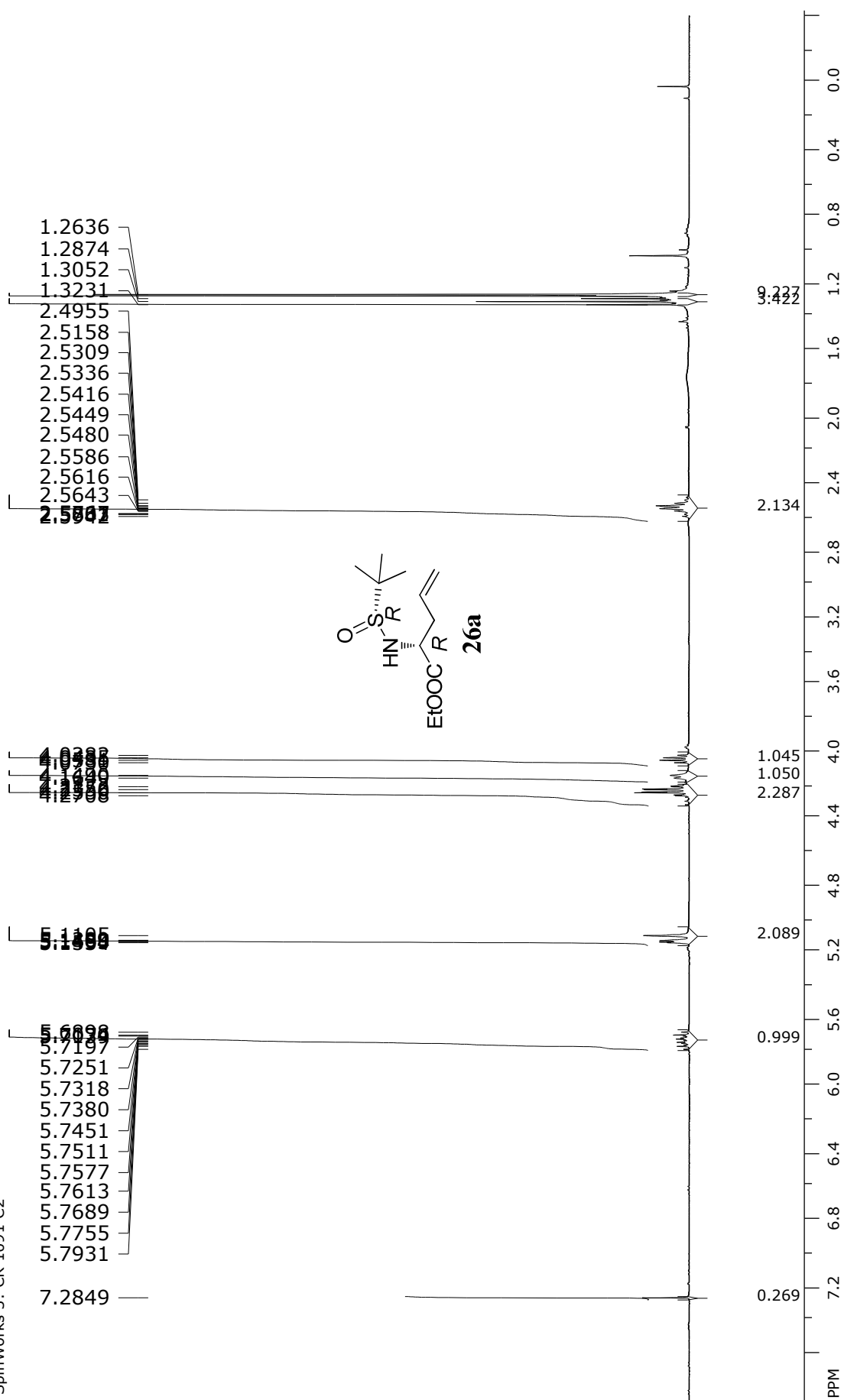




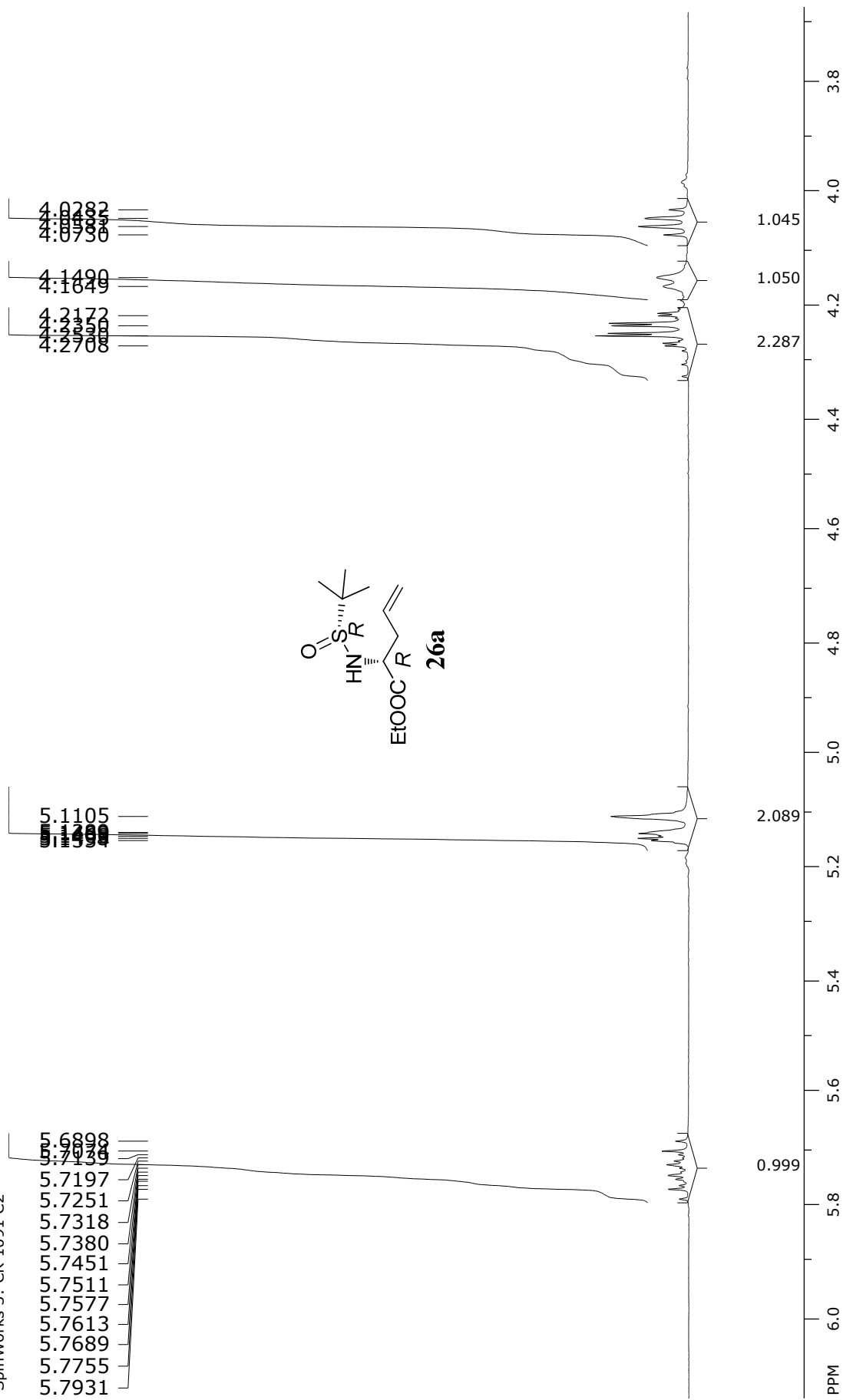


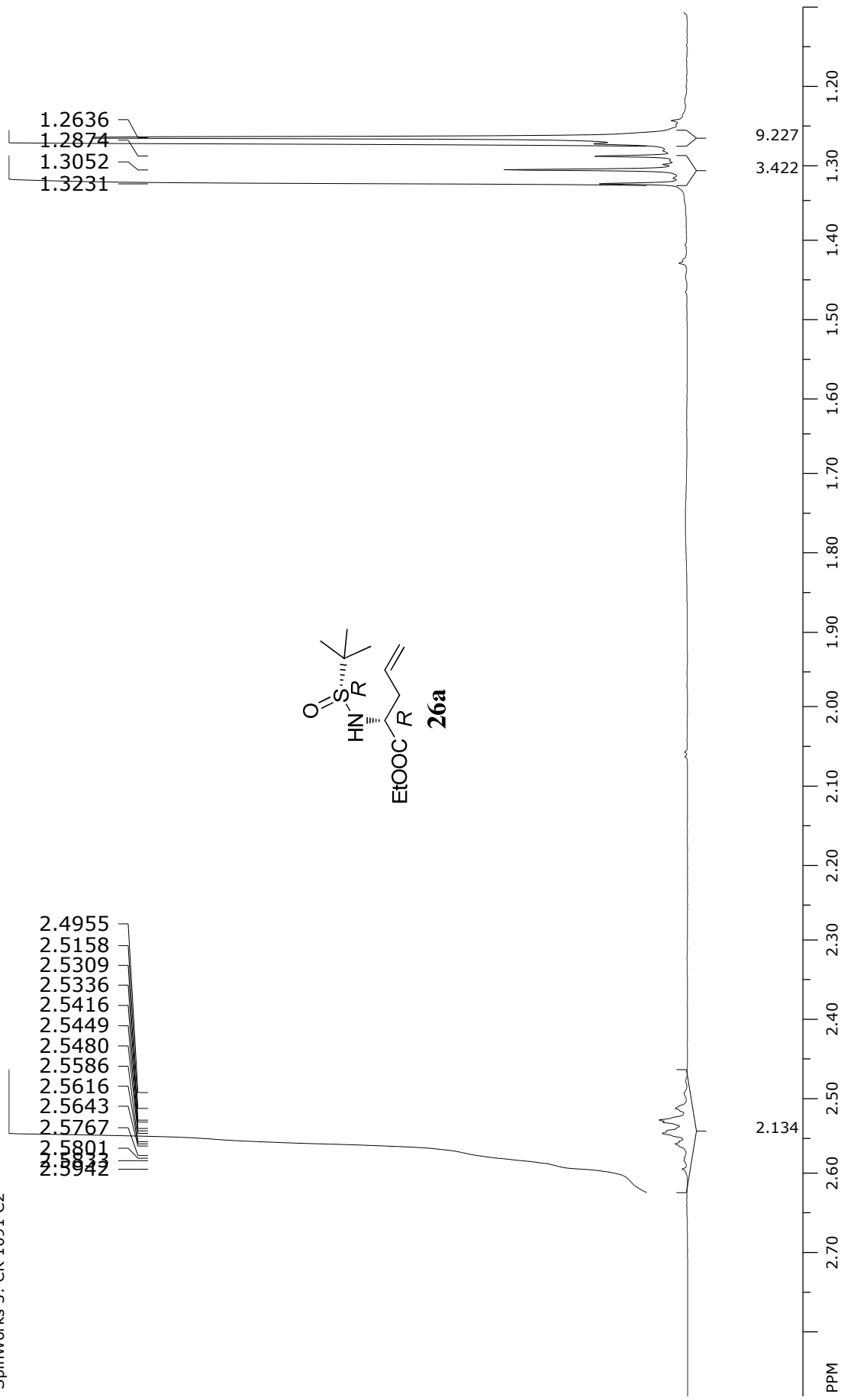


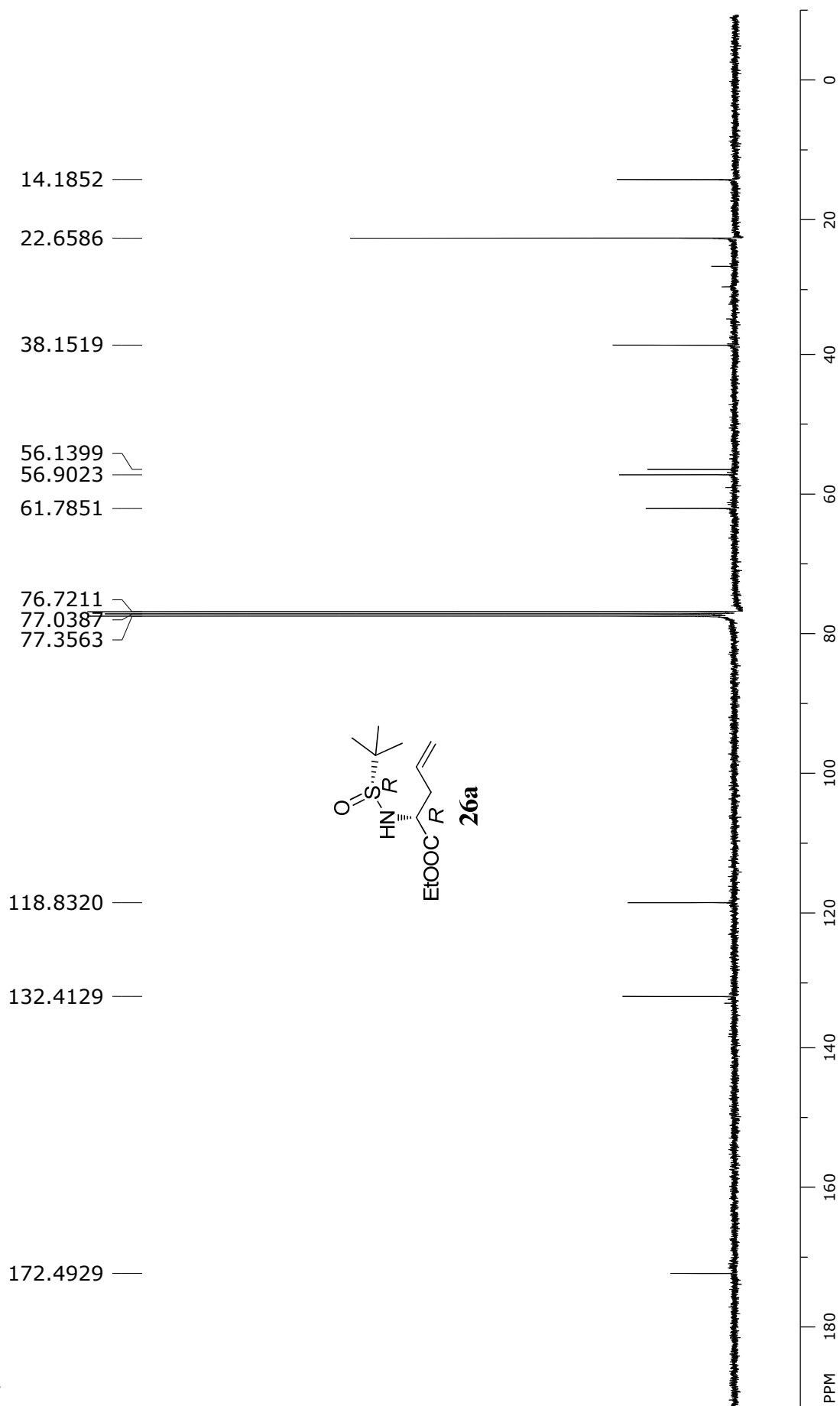


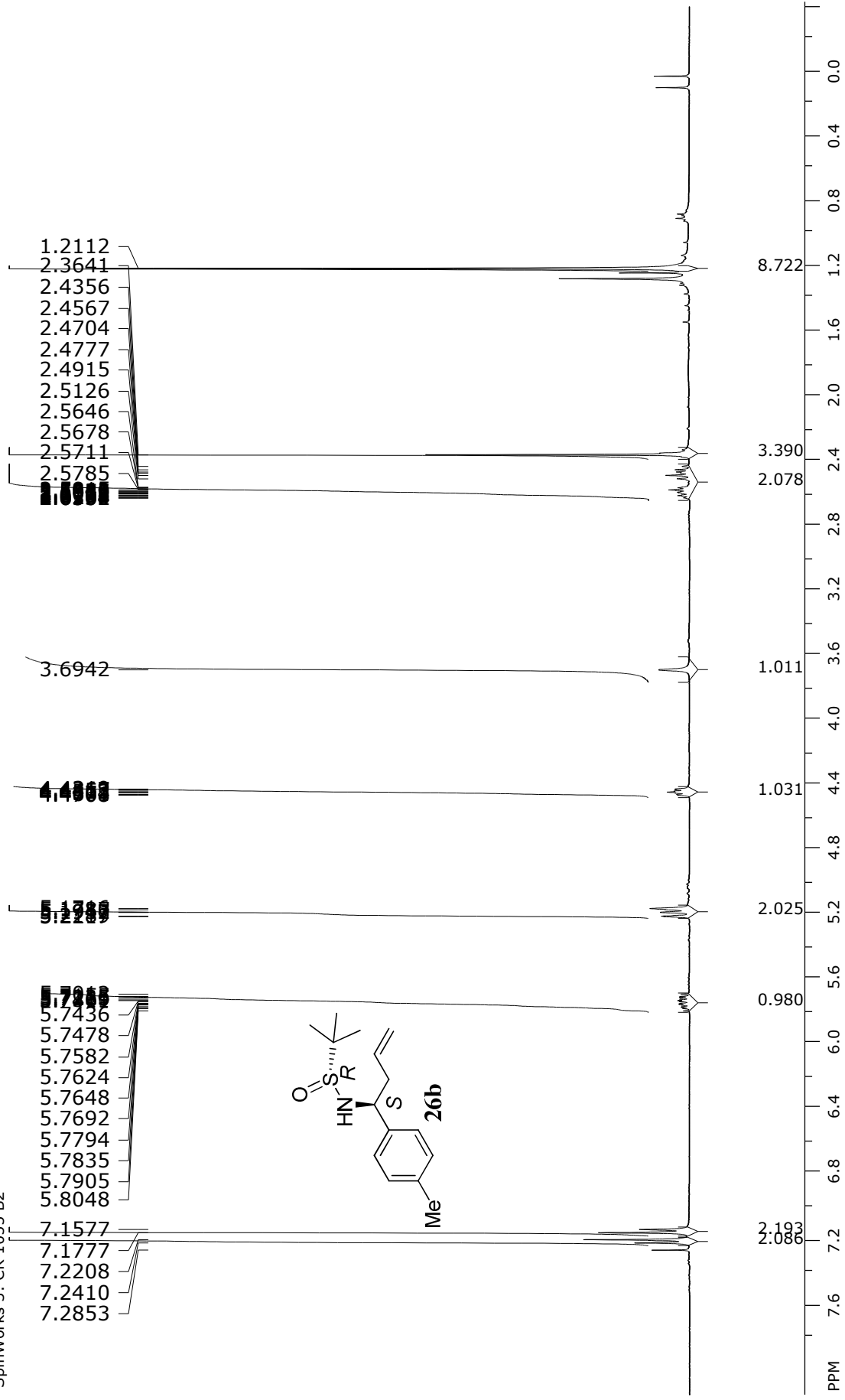


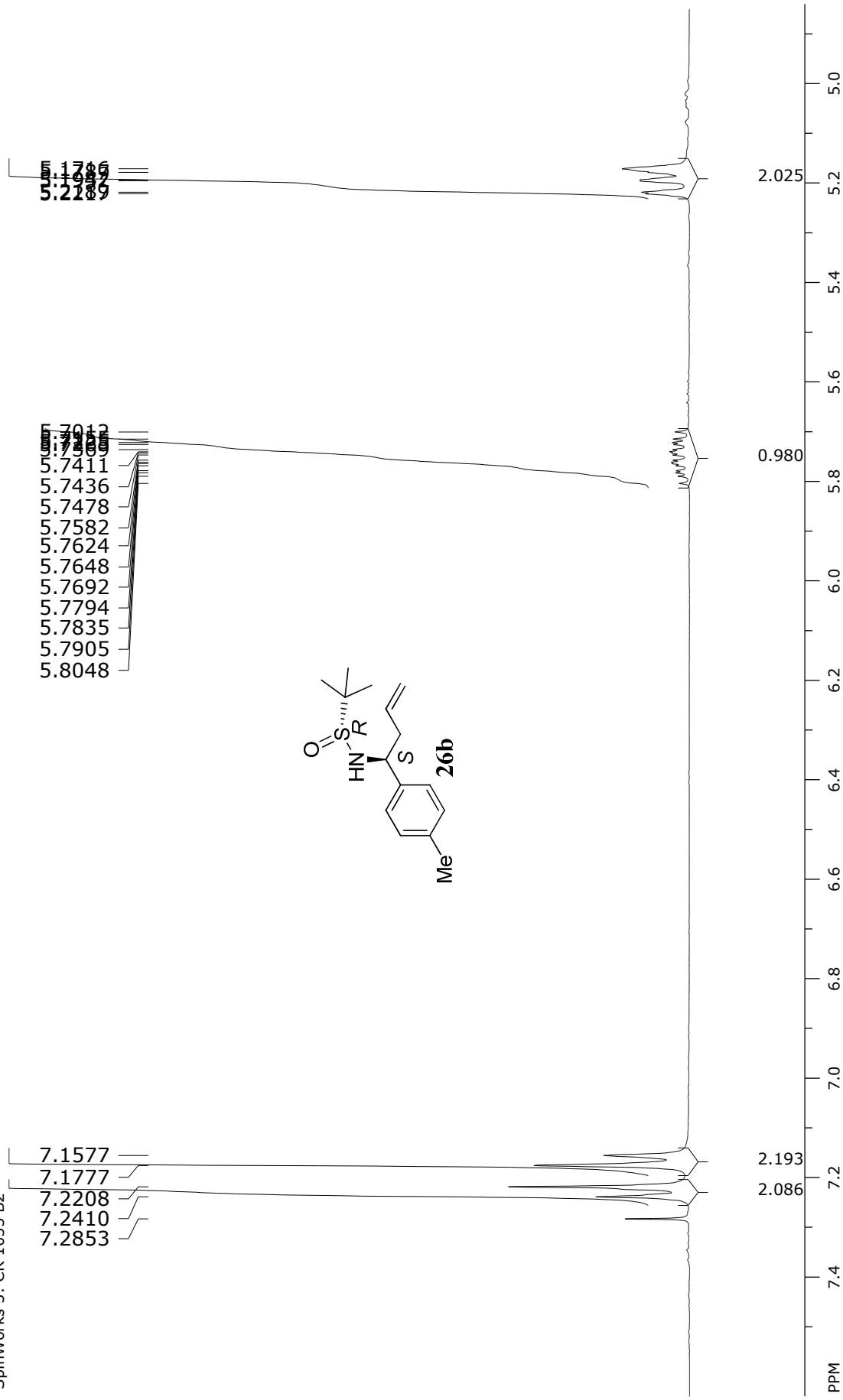
SpinWorks 3: CR 1091 C2

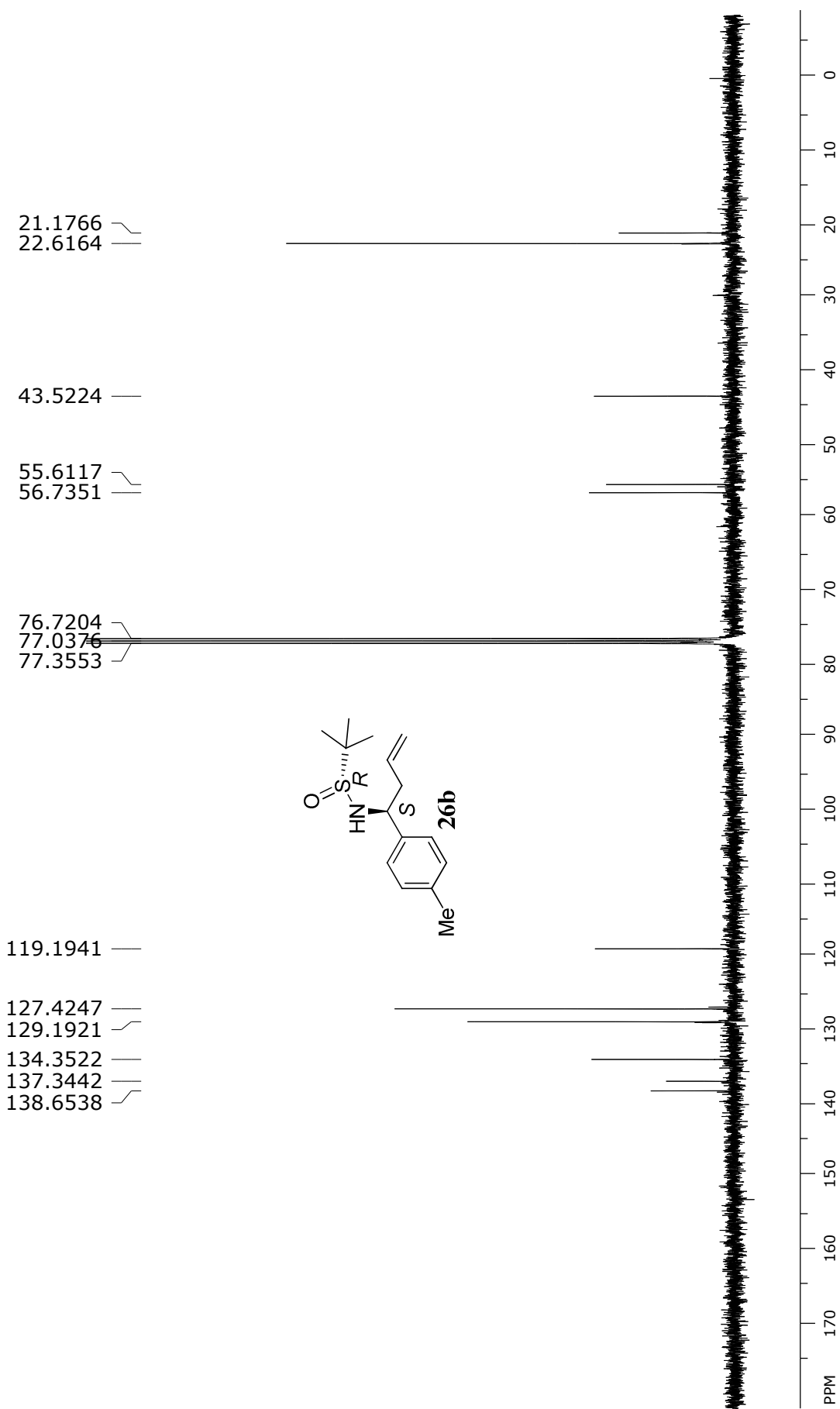


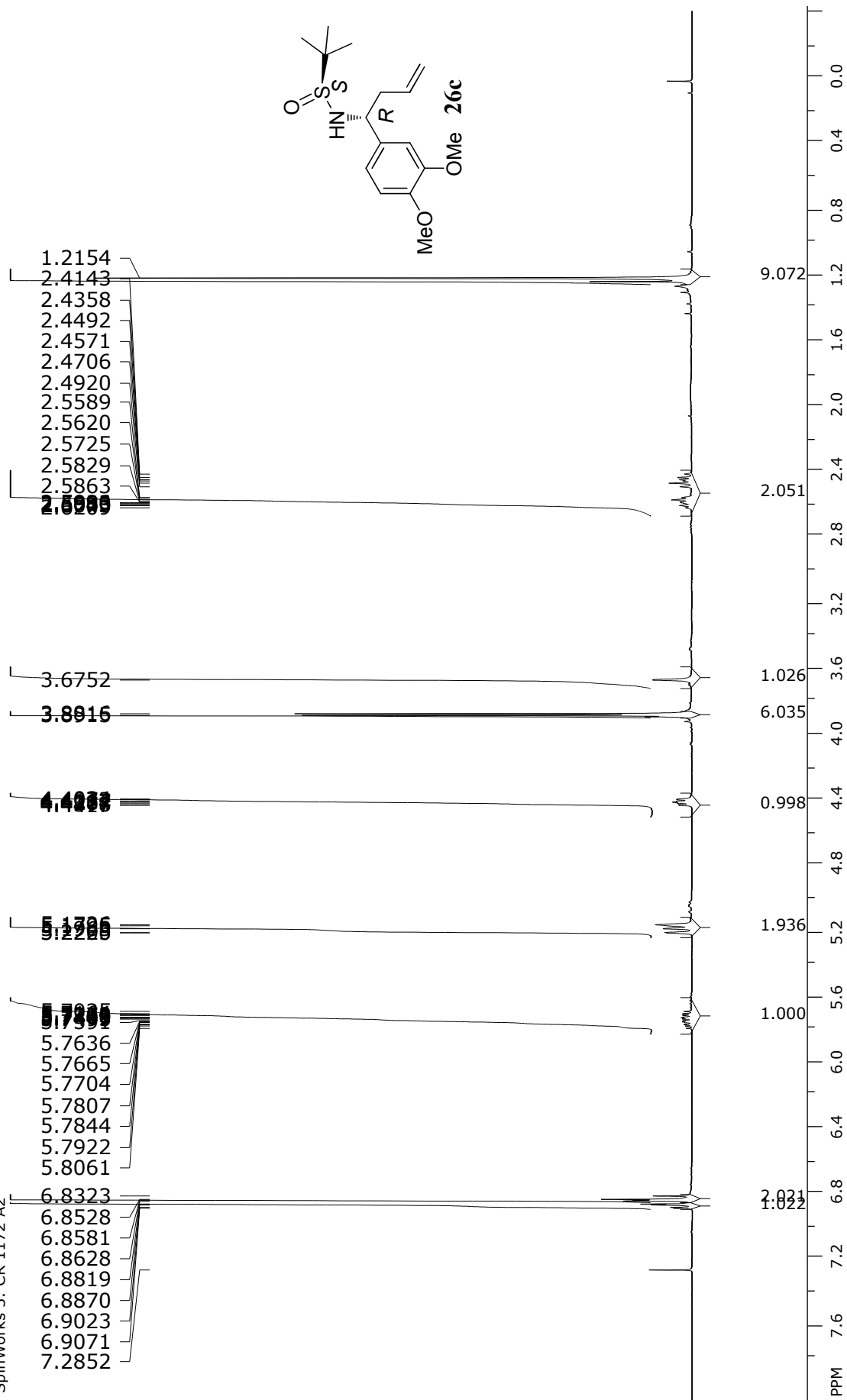


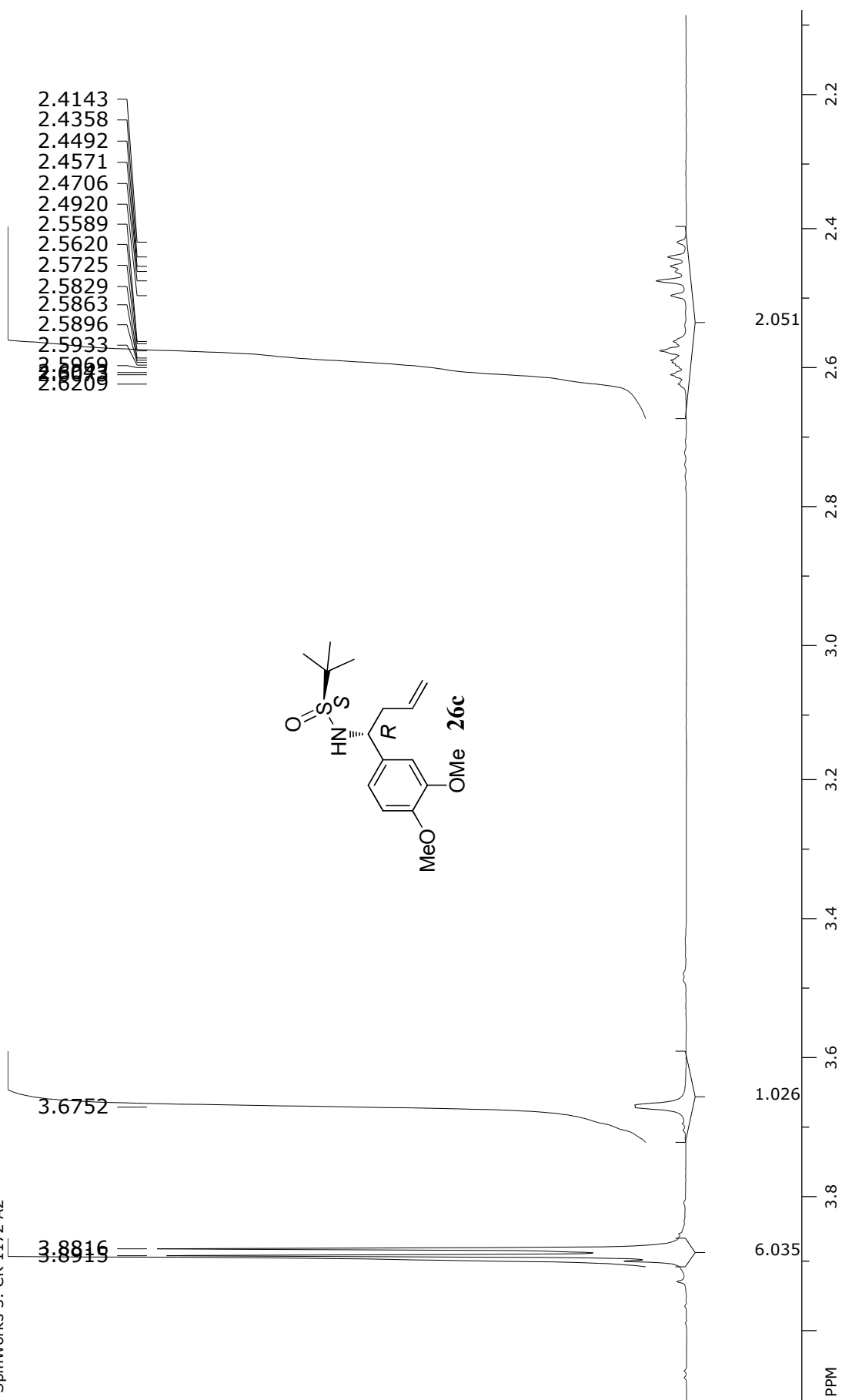


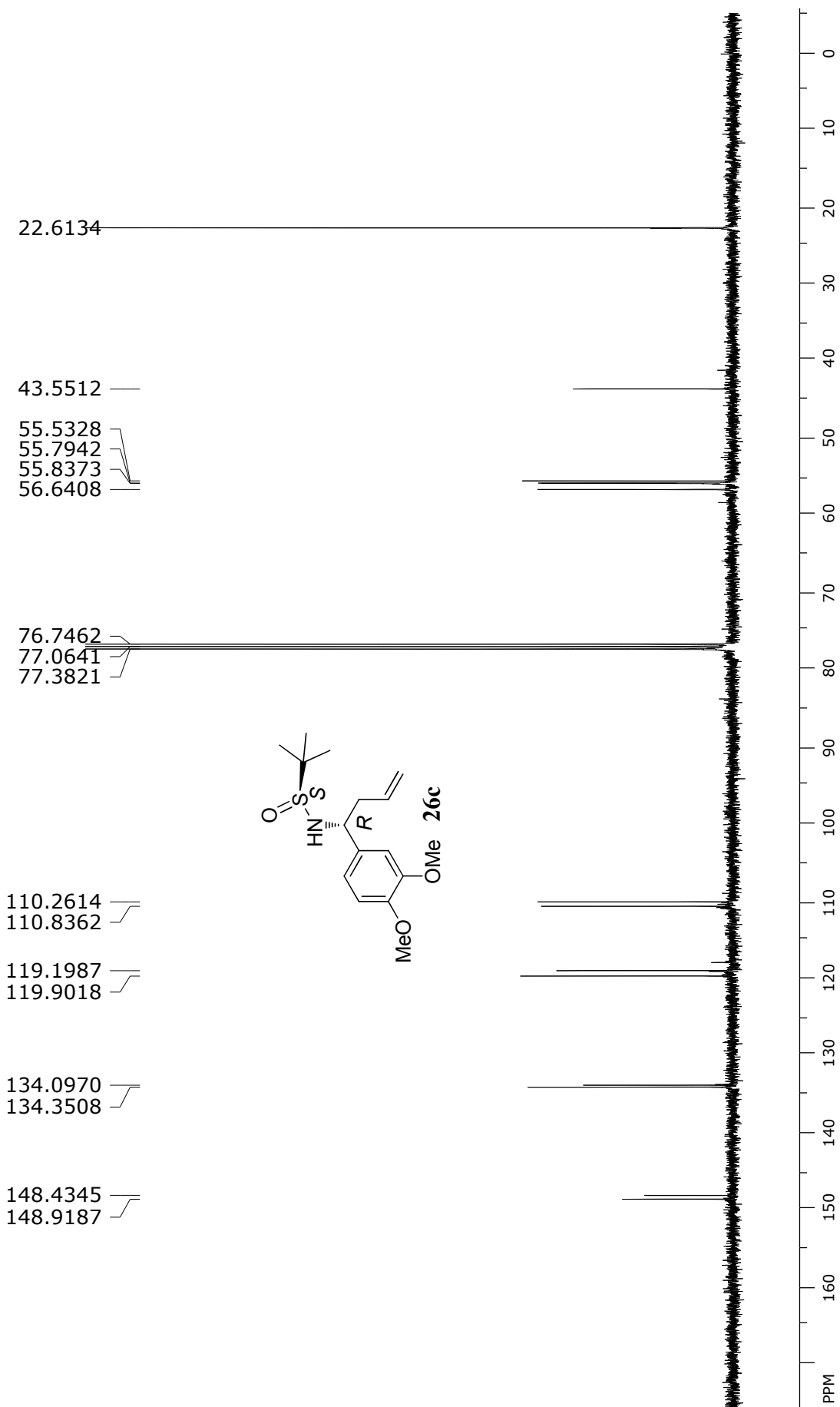


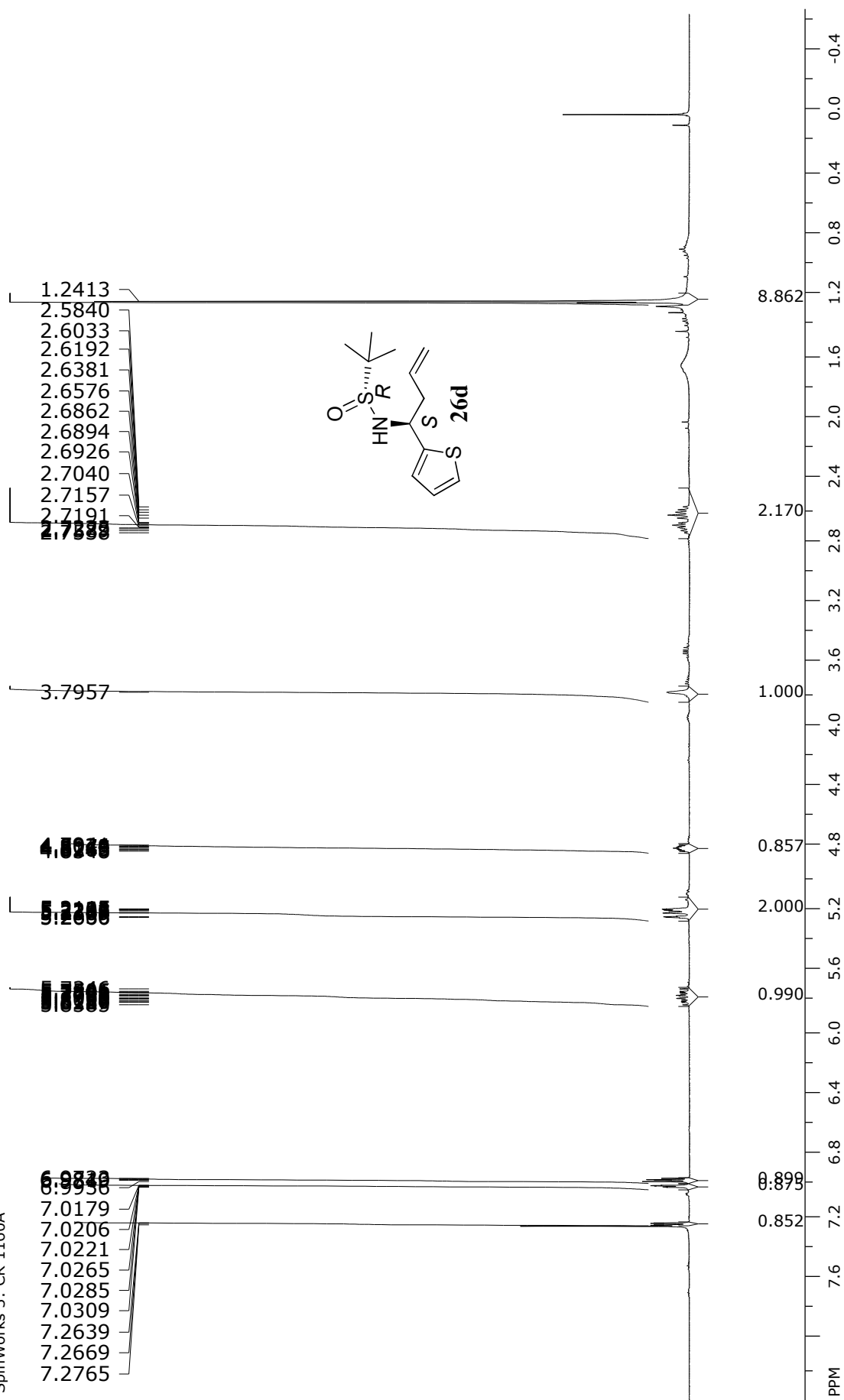


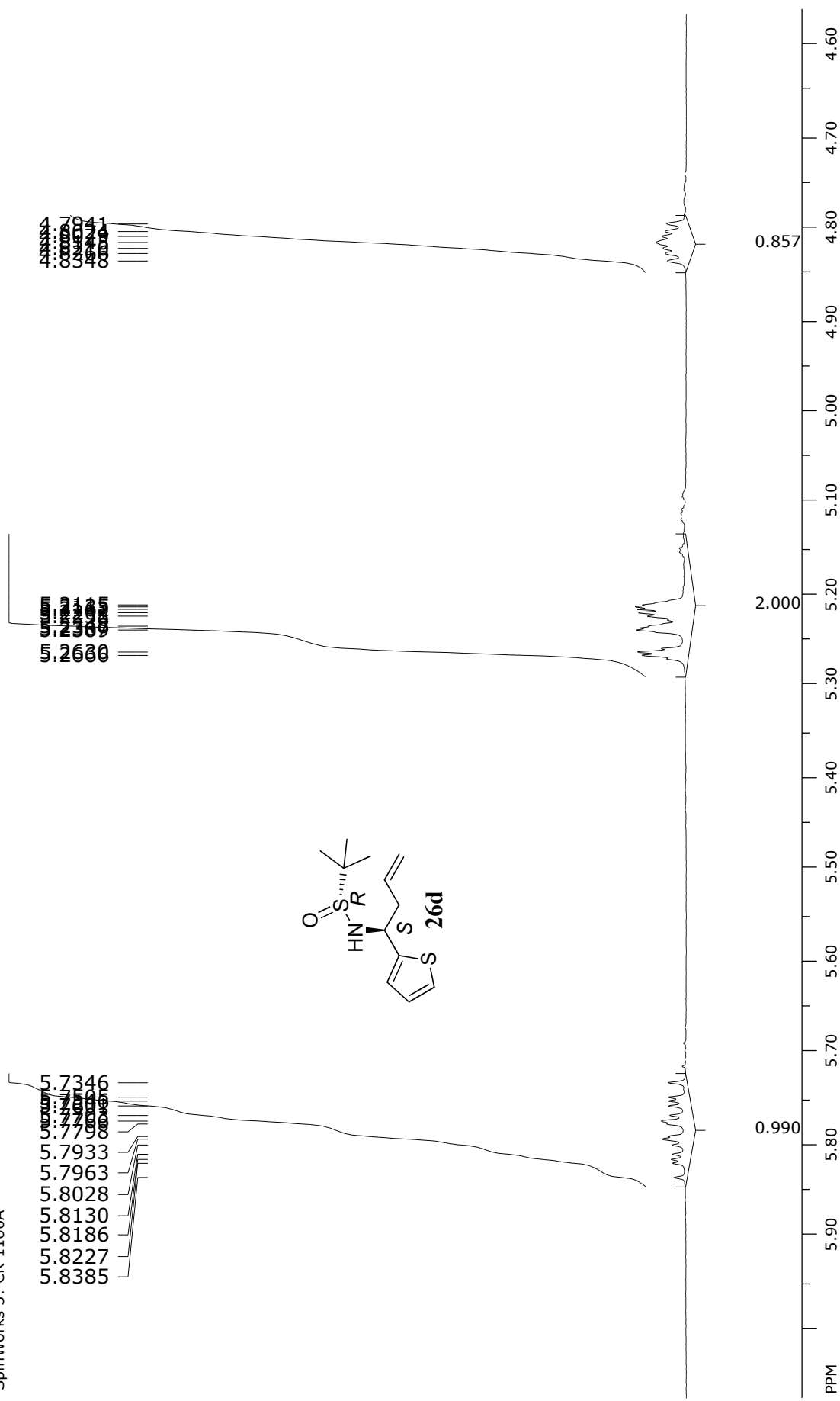


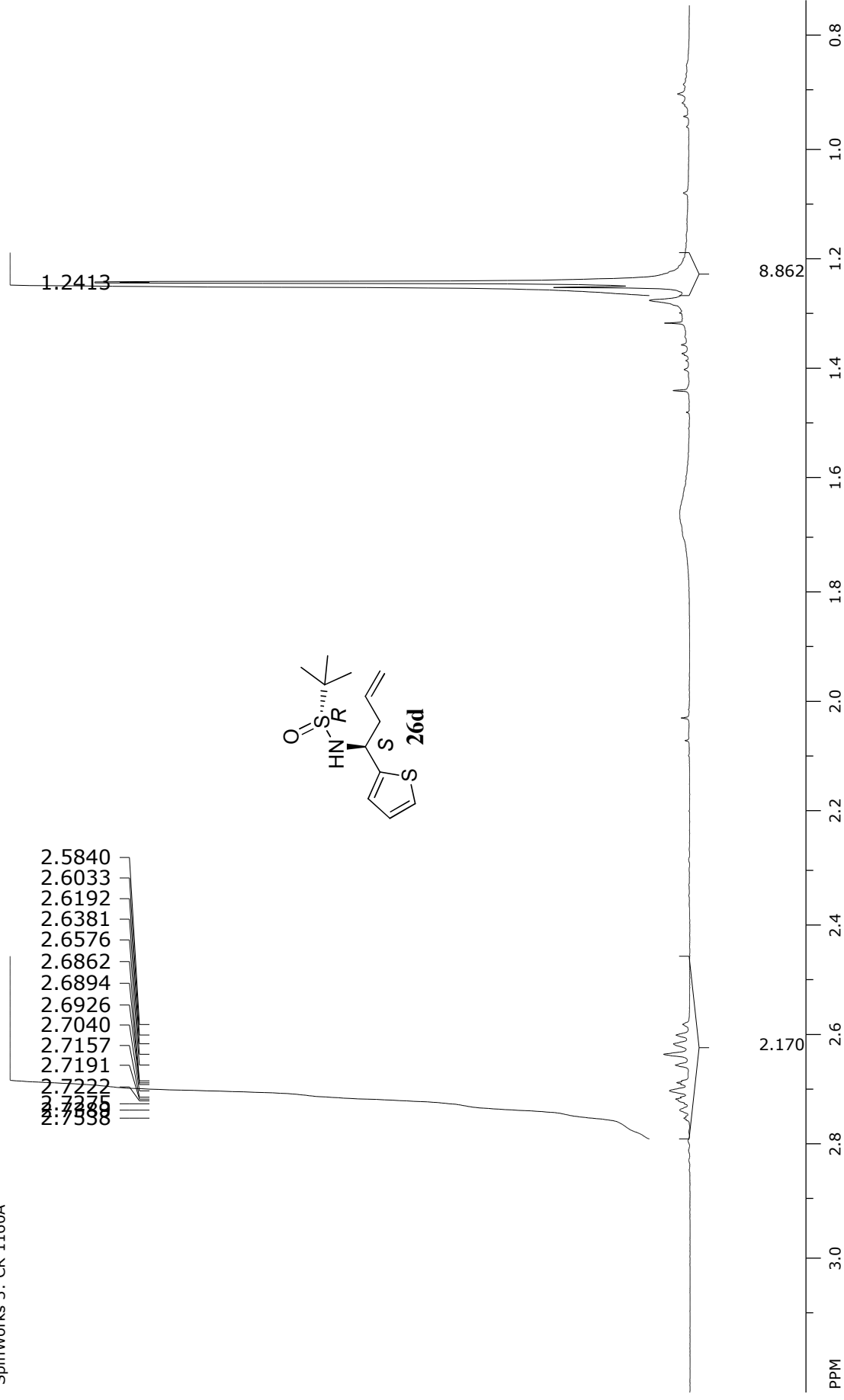


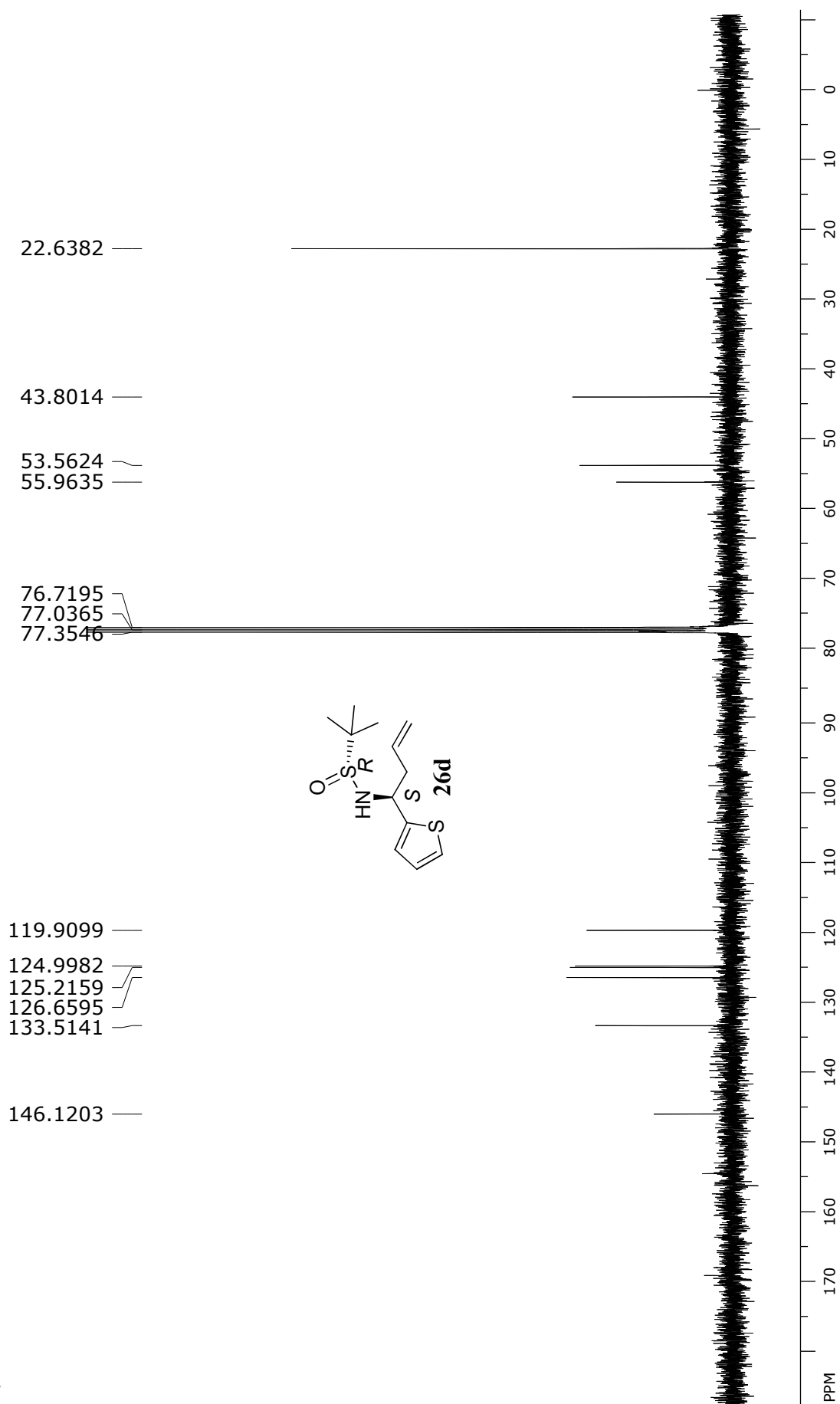


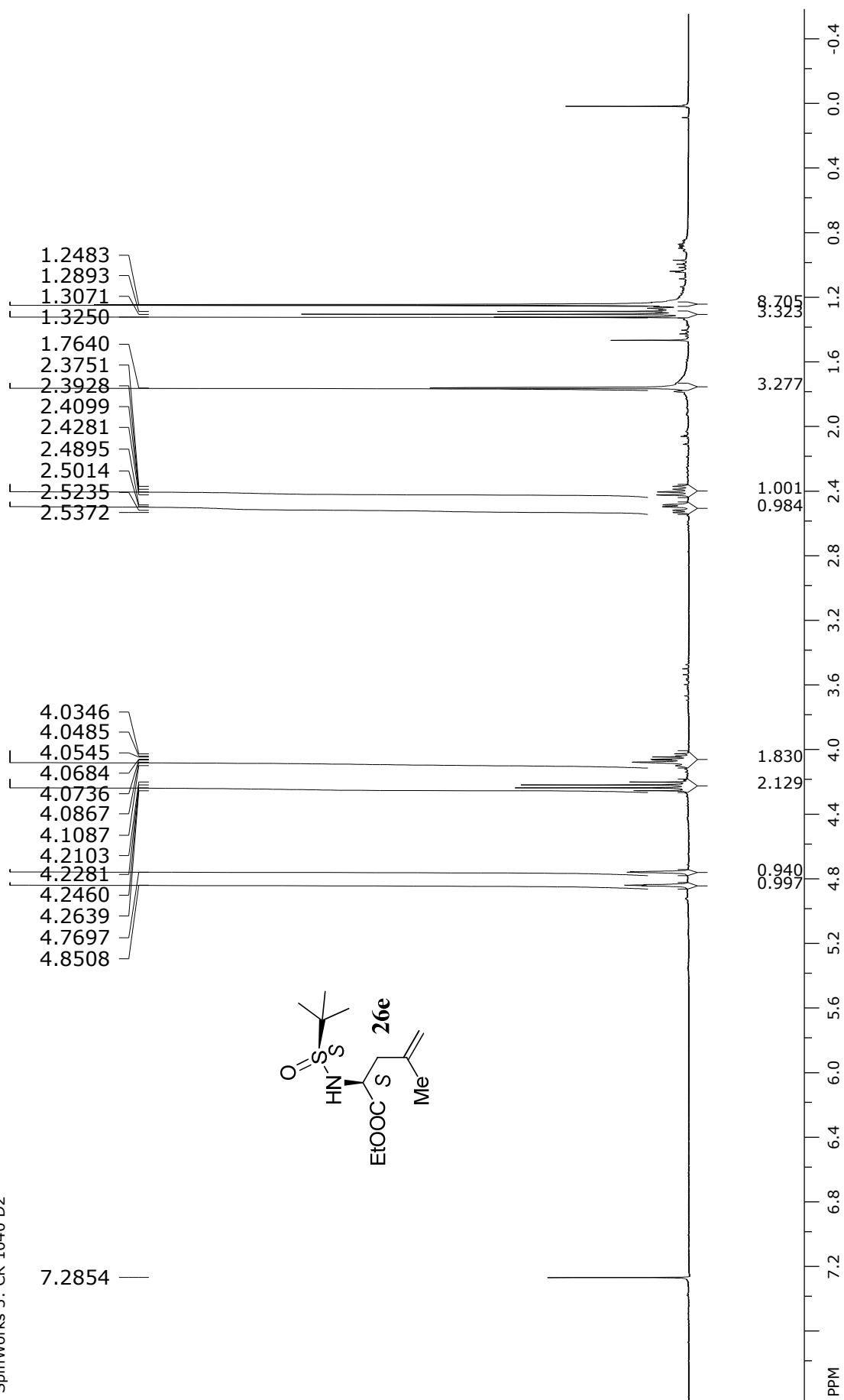


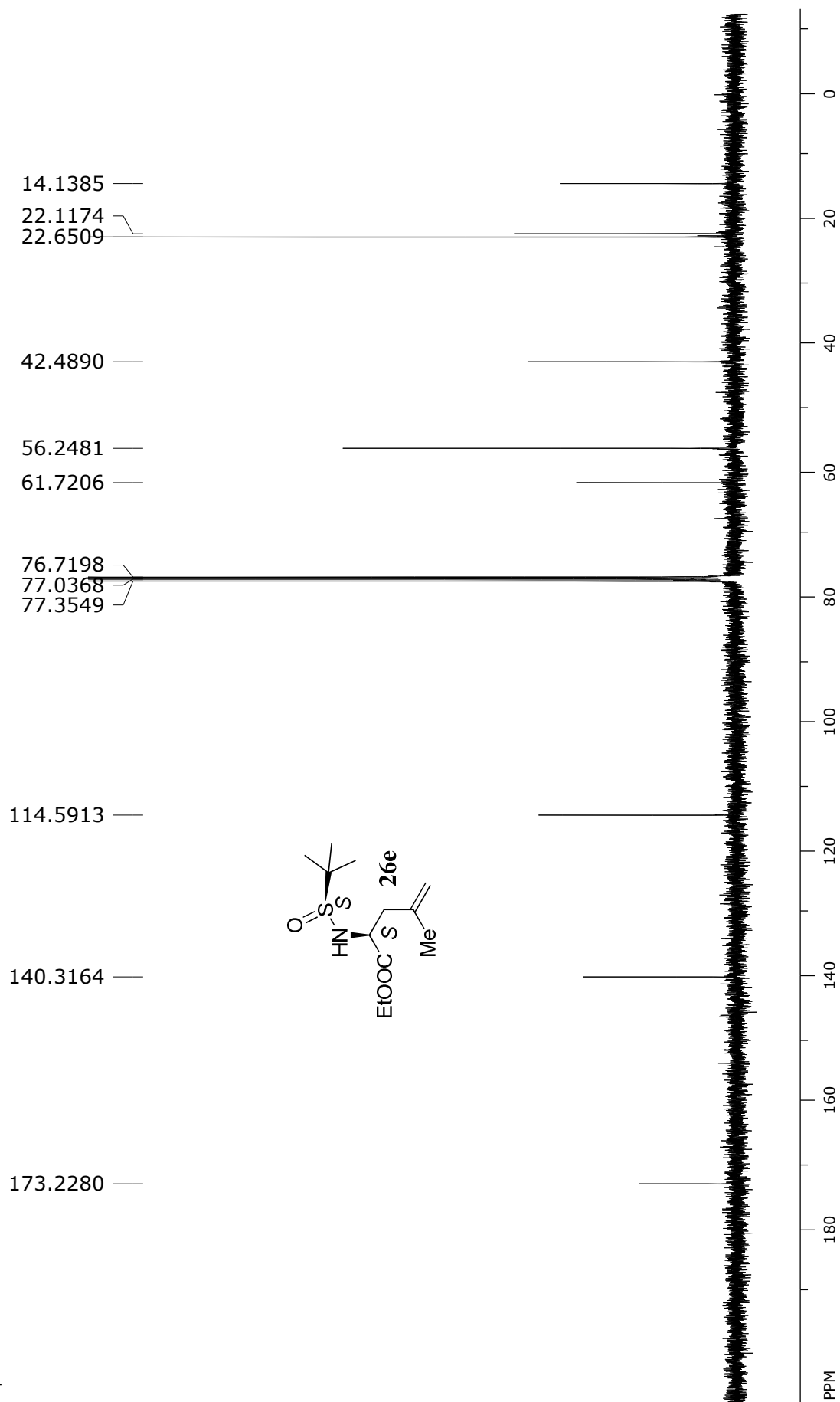


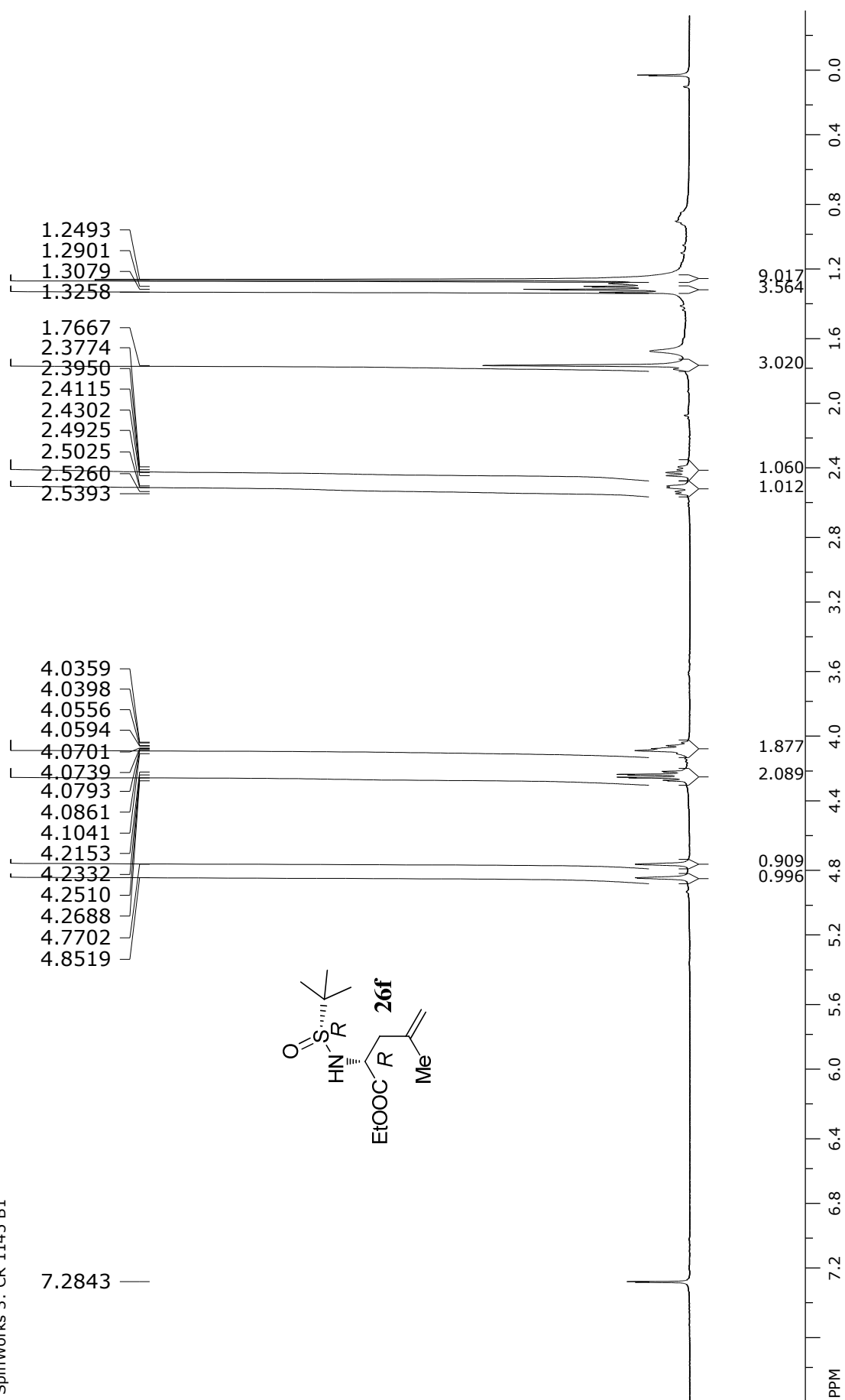


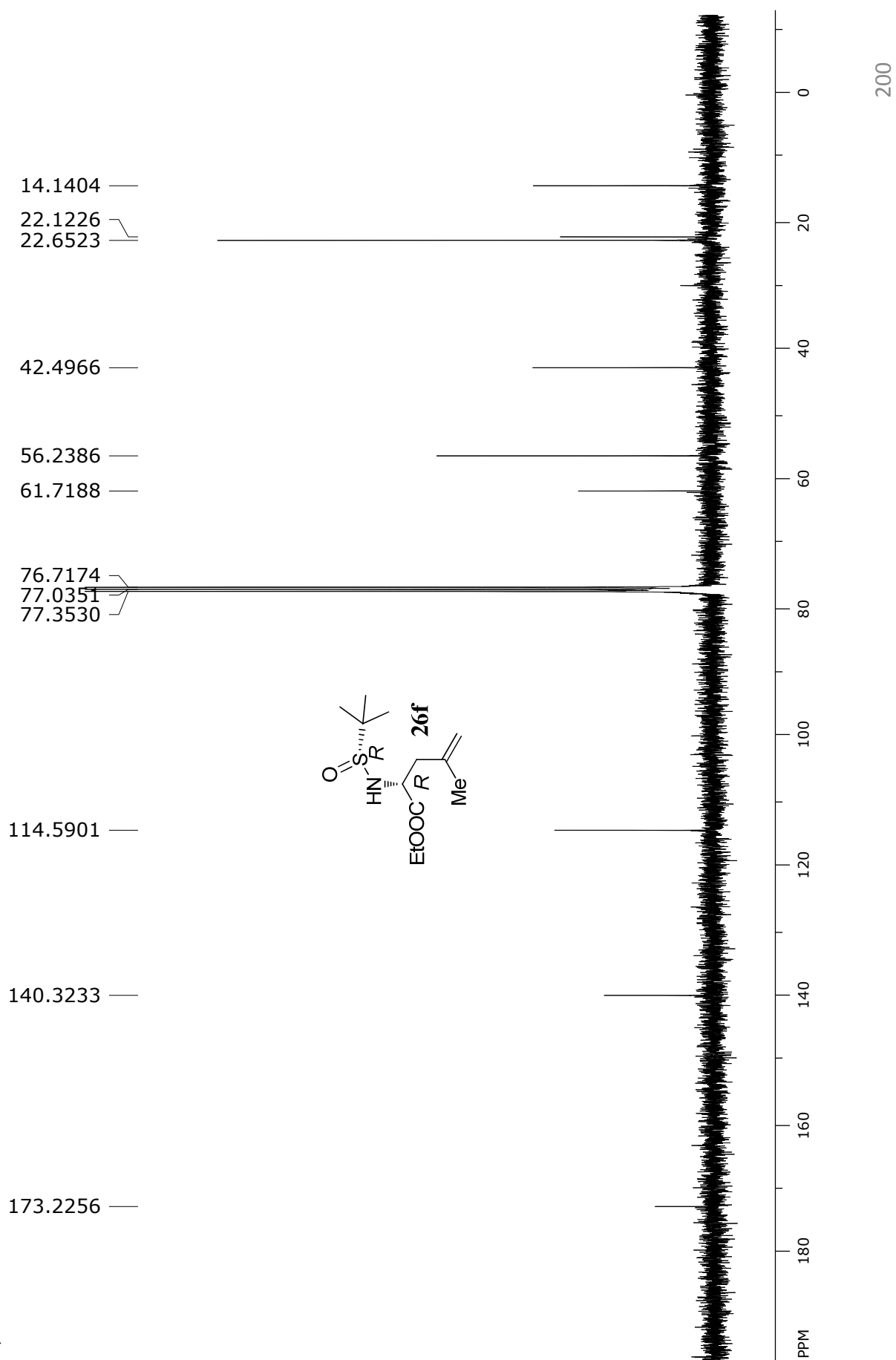












SpinWorks 3: CR 1160 A

