

Supporting Information (Part I) for the Article entitled

Access to “Friedel-Crafts-restricted” *tert*-alkyl aromatics by activation/methylation of tertiary benzylic alcohols

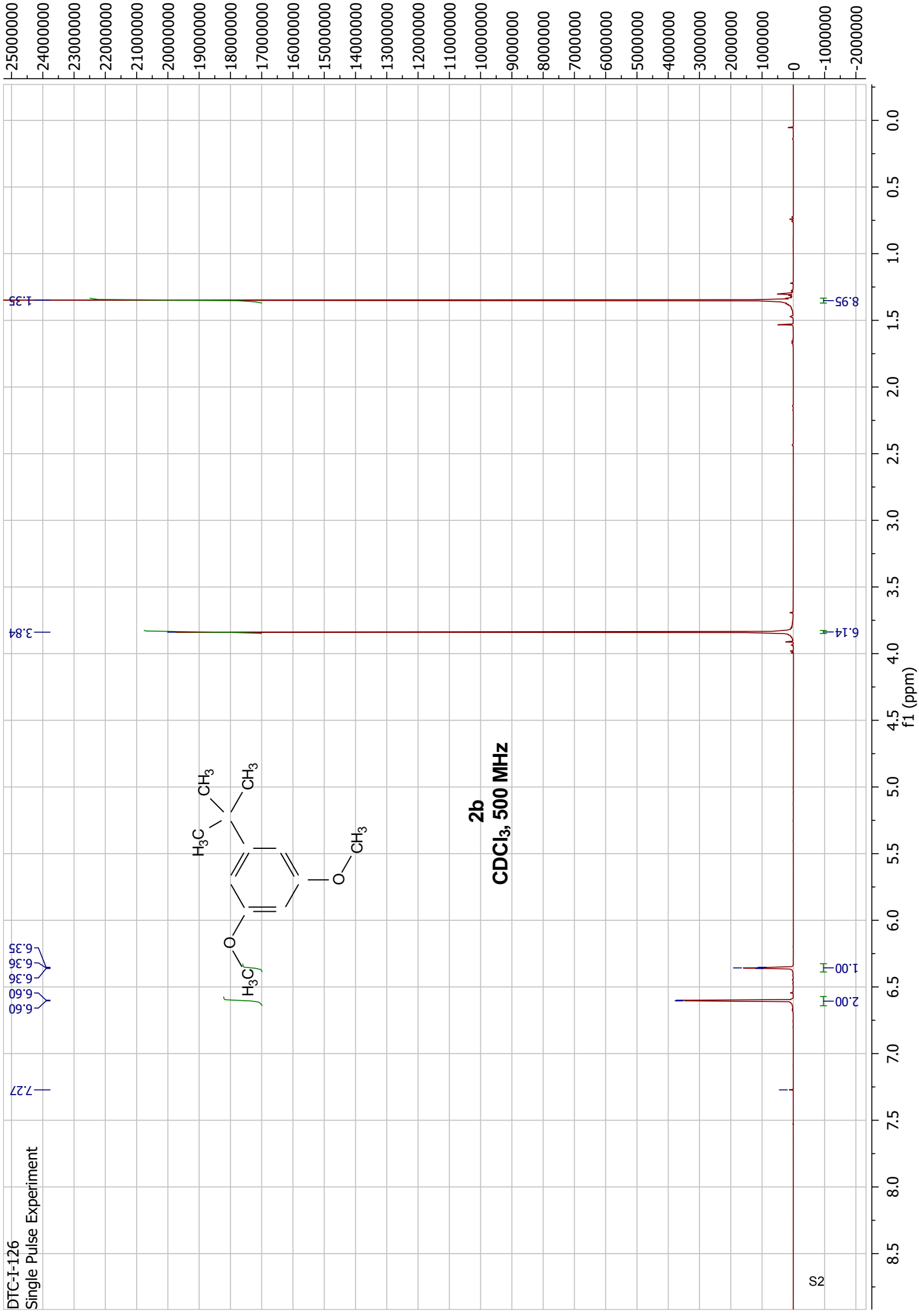
Joshua A. Hartsel, Derek T. Craft, Qiao-Hong Chen, Ming Ma, and Paul R. Carlier*

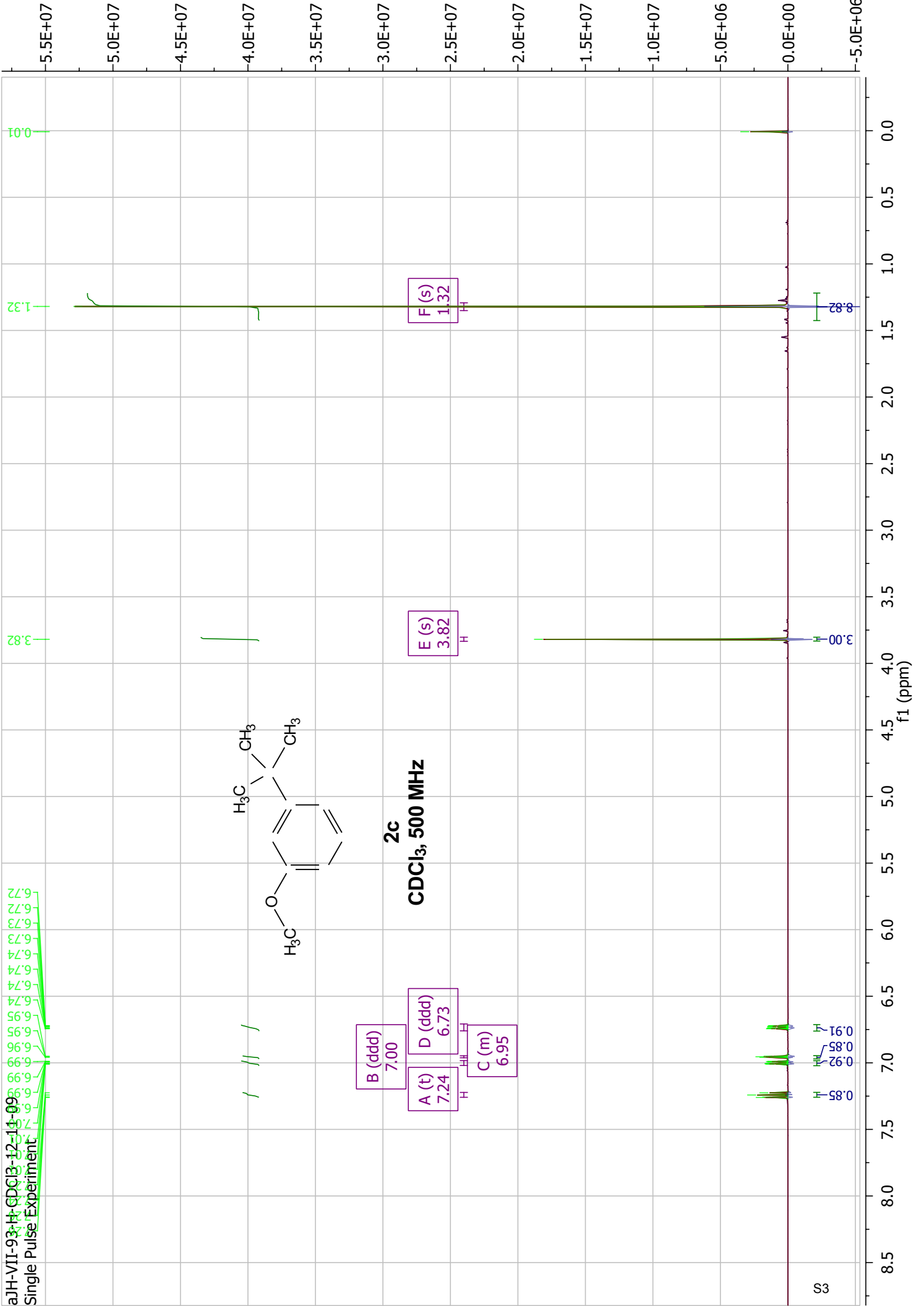
Department of Chemistry, Virginia Tech, Blacksburg, Virginia 24061

pcarlier@vt.edu

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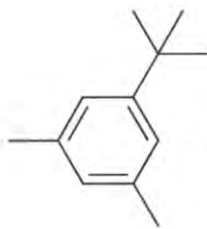
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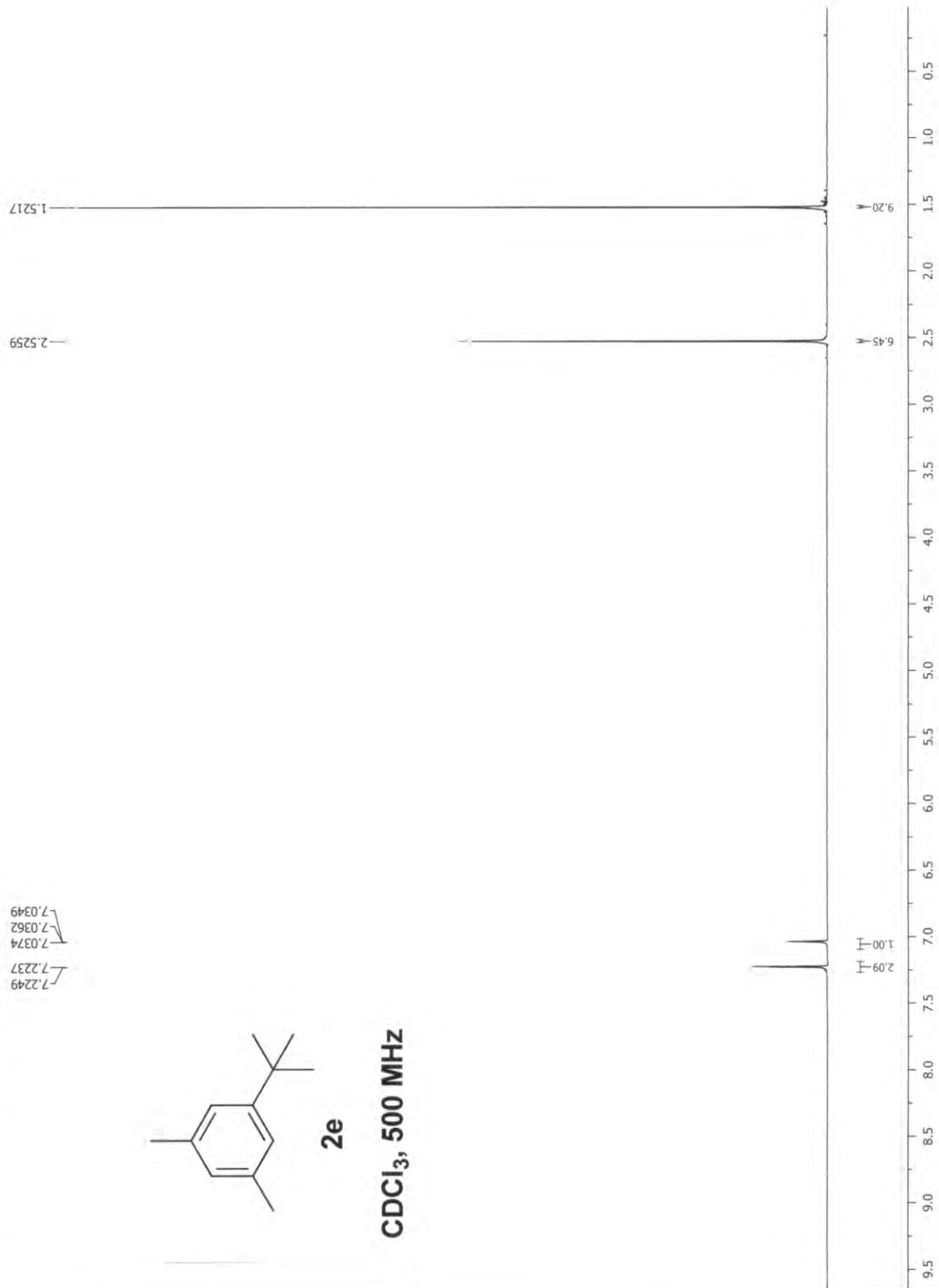
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Single Pulse Experiment

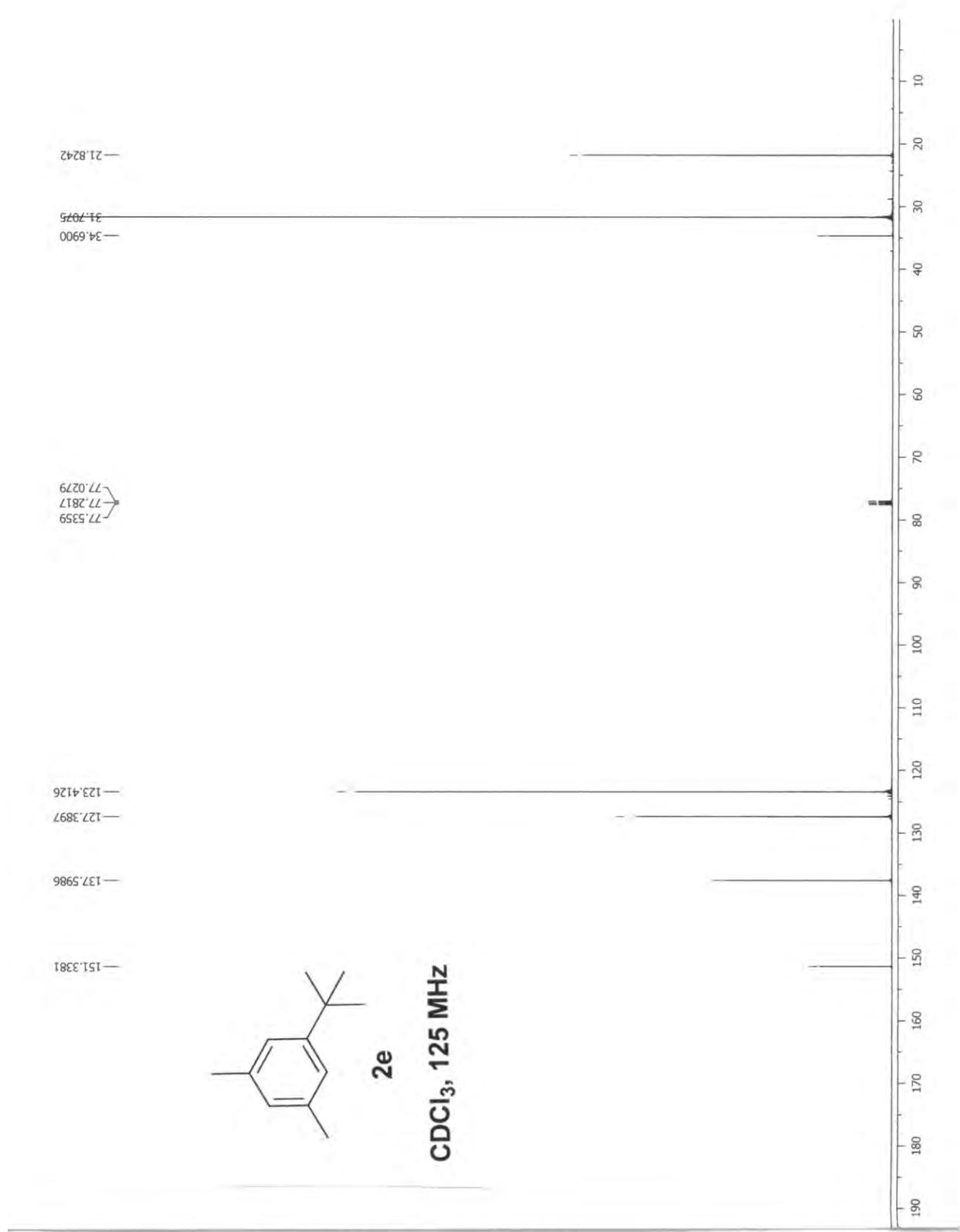


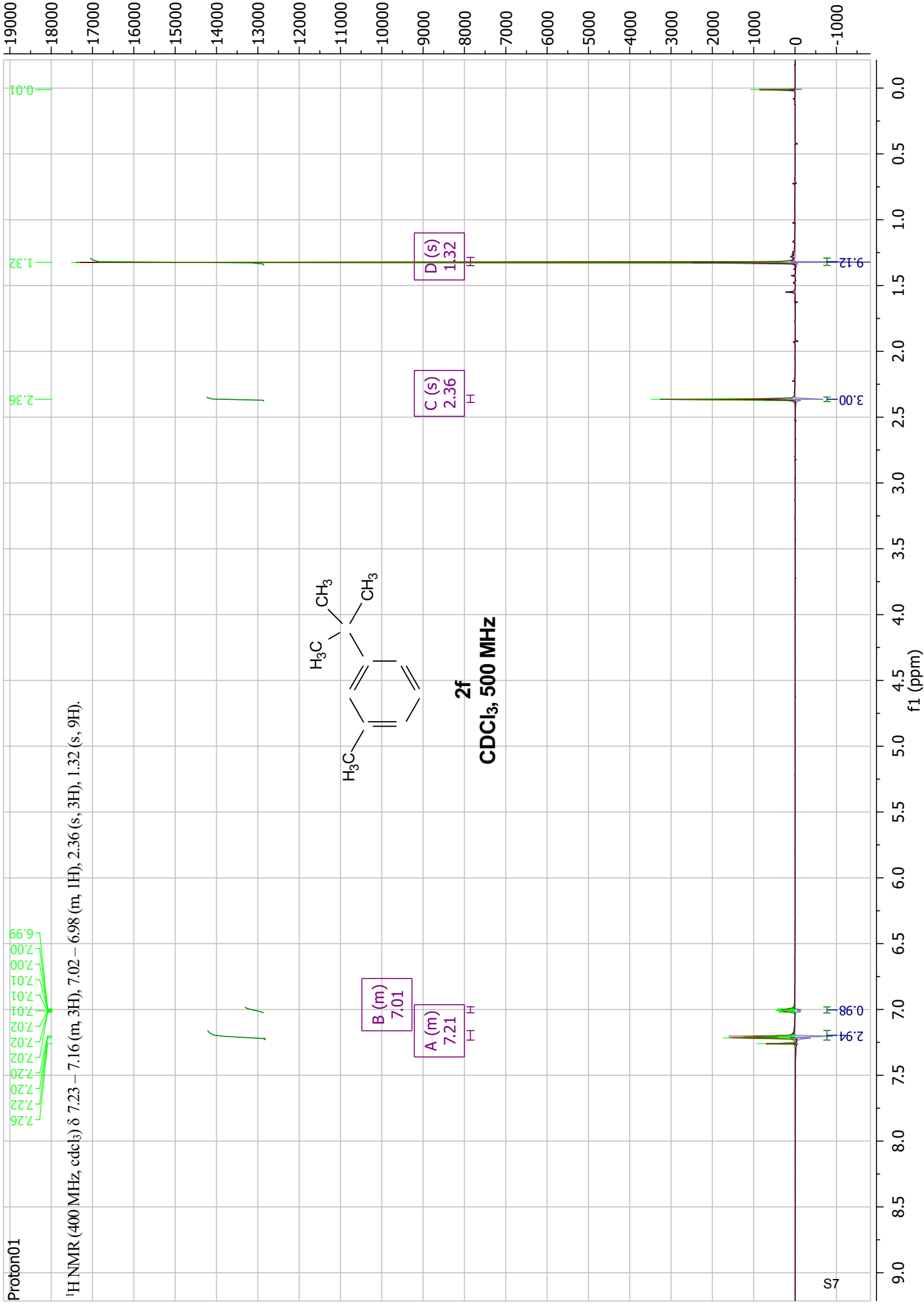


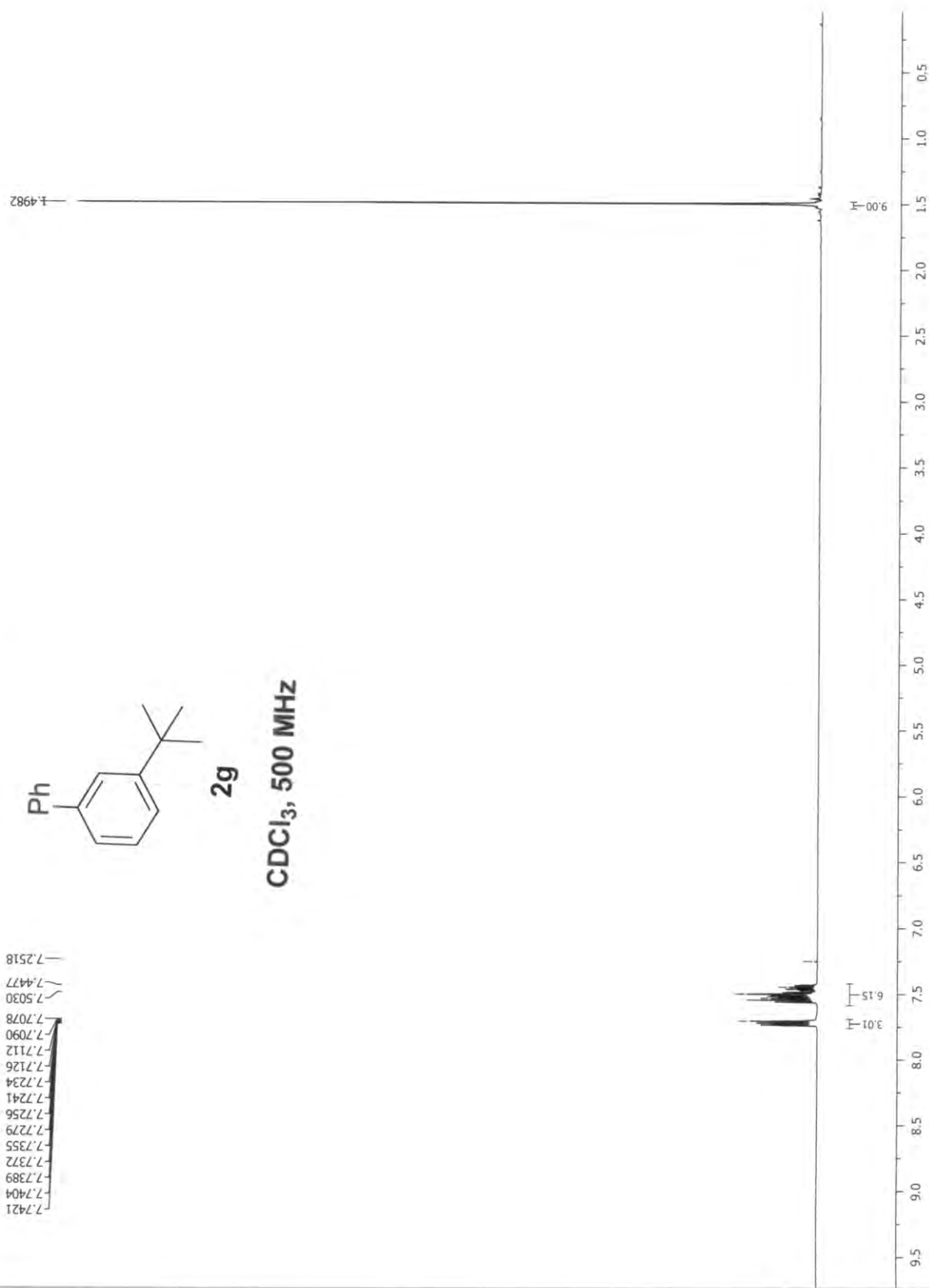
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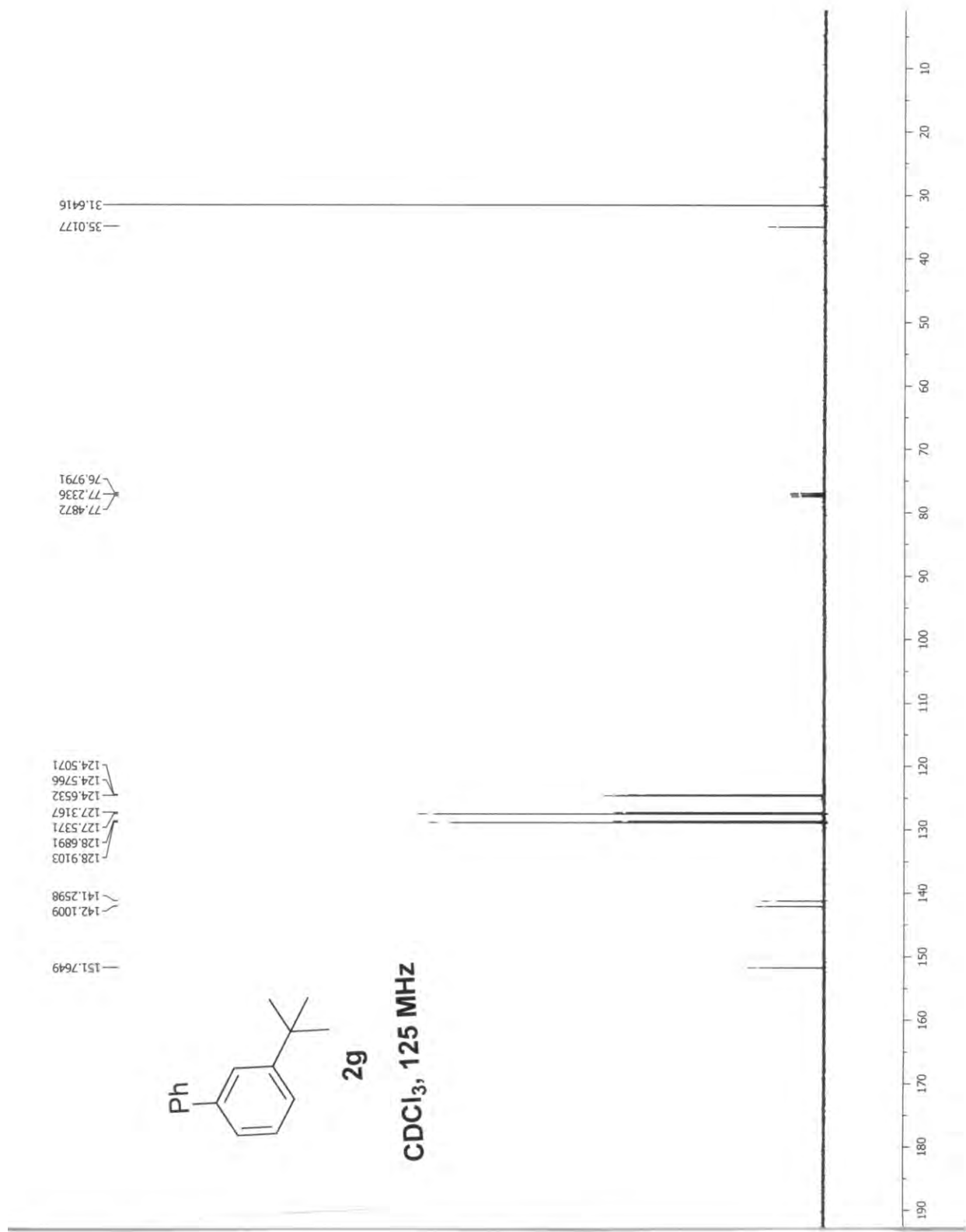
CDCl₃, 500 MHz

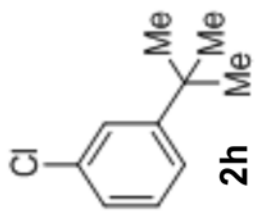
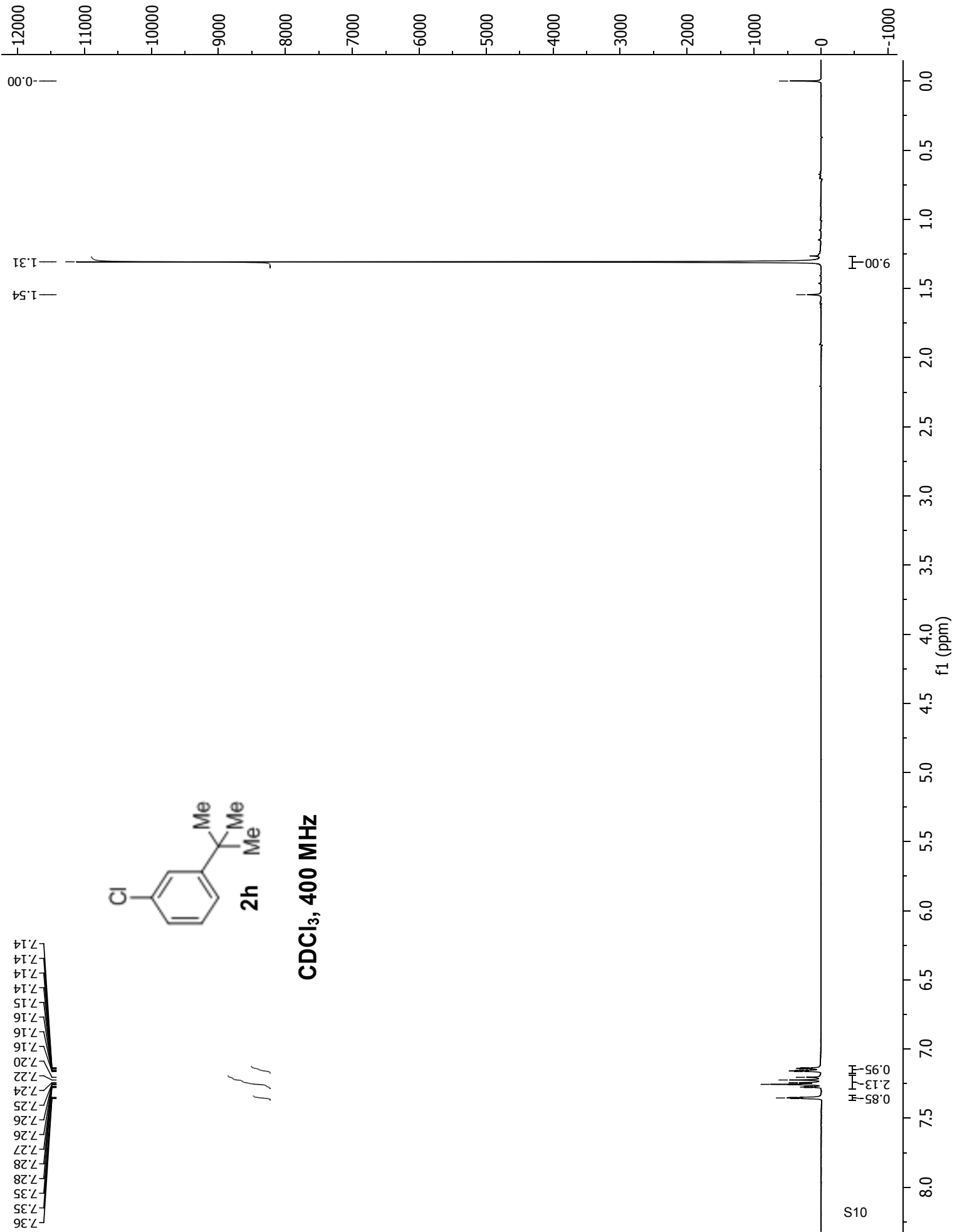








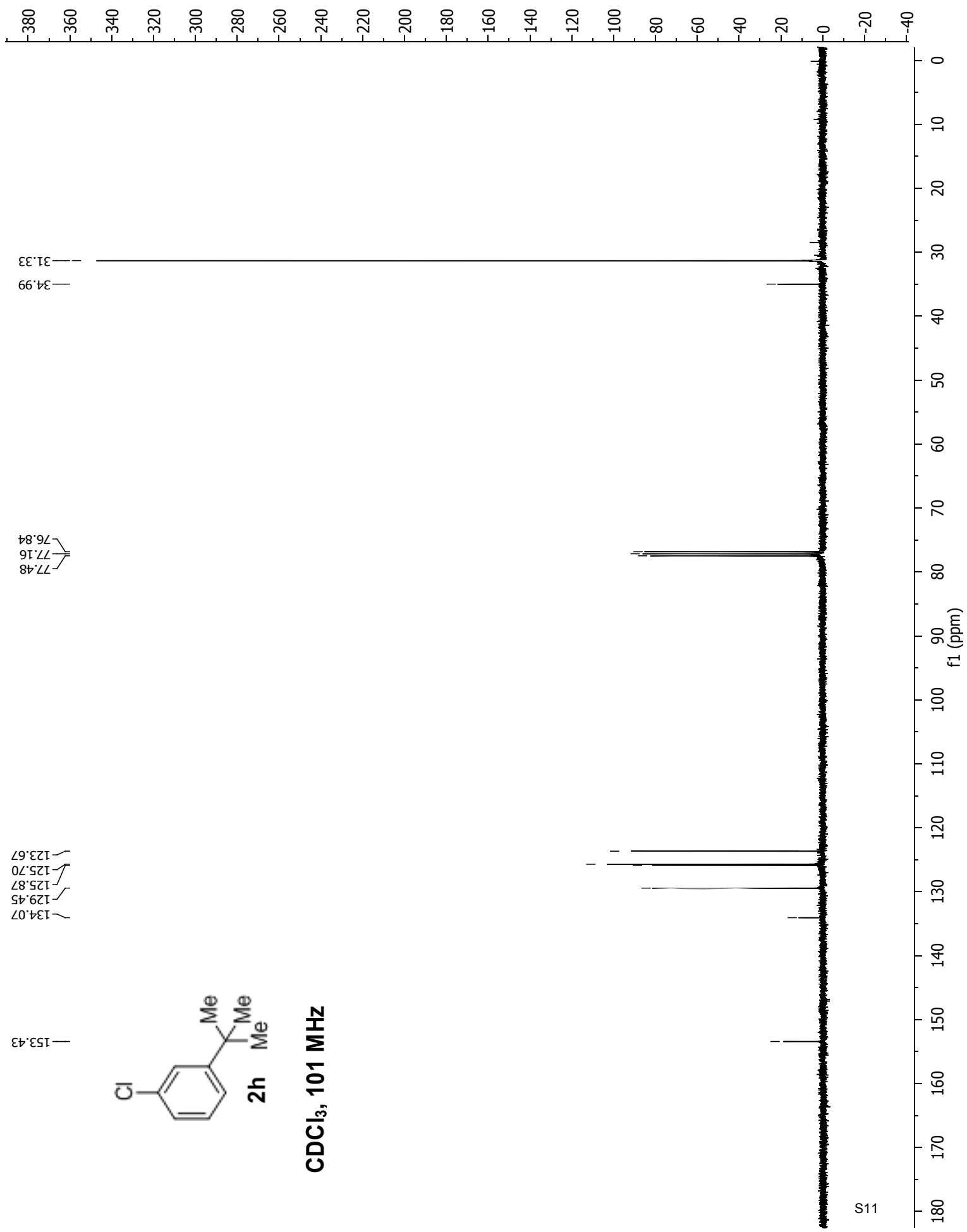


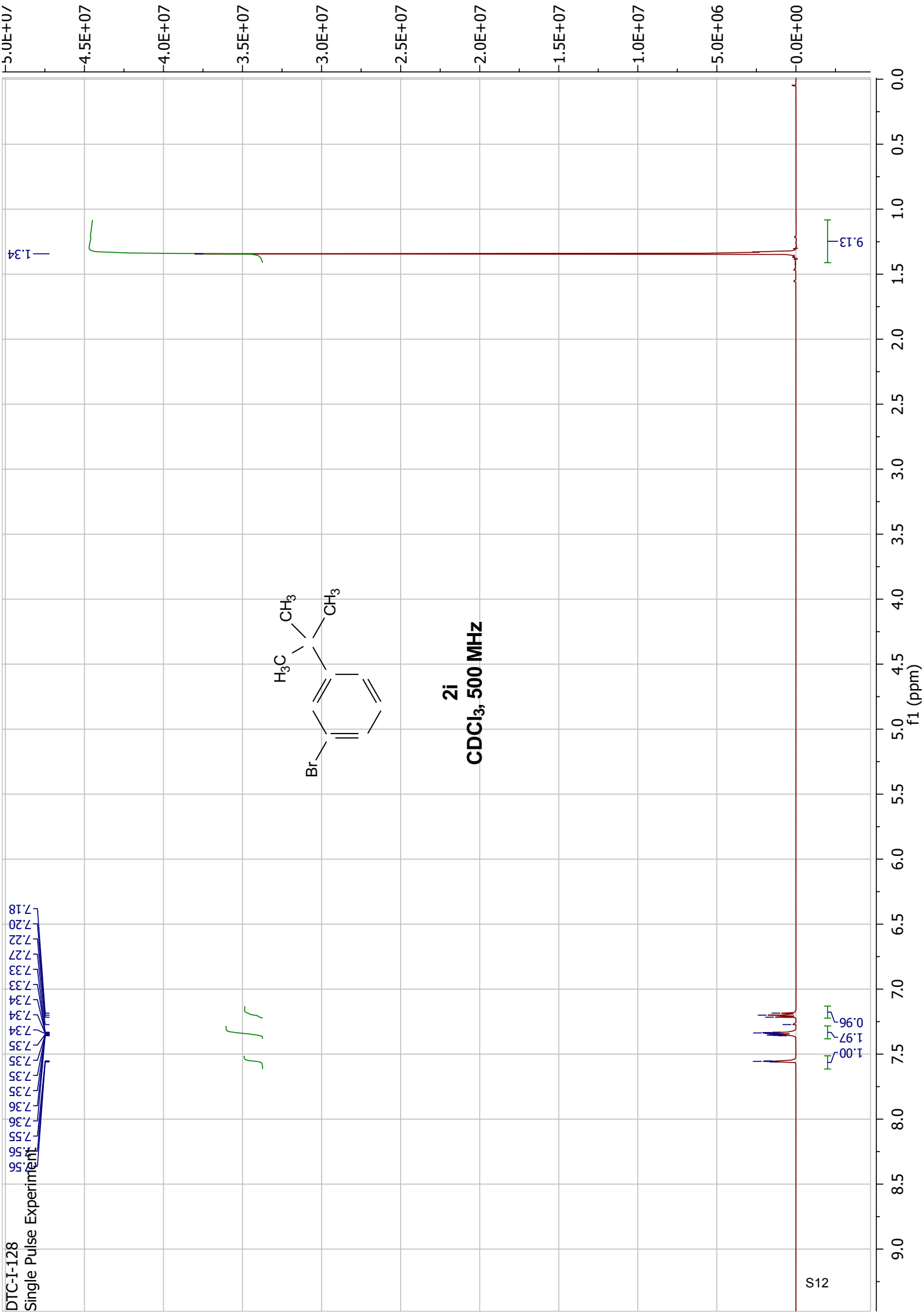


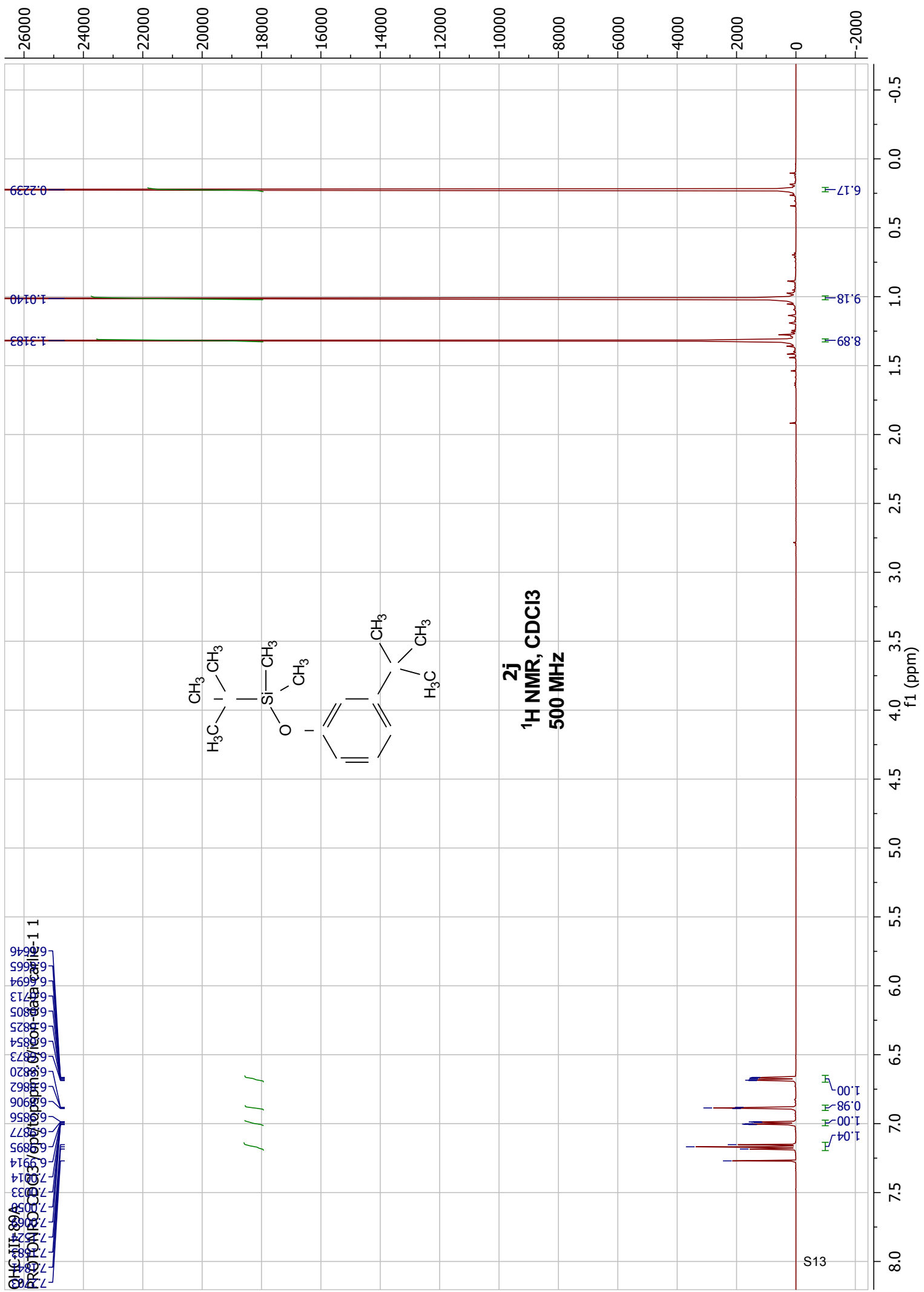
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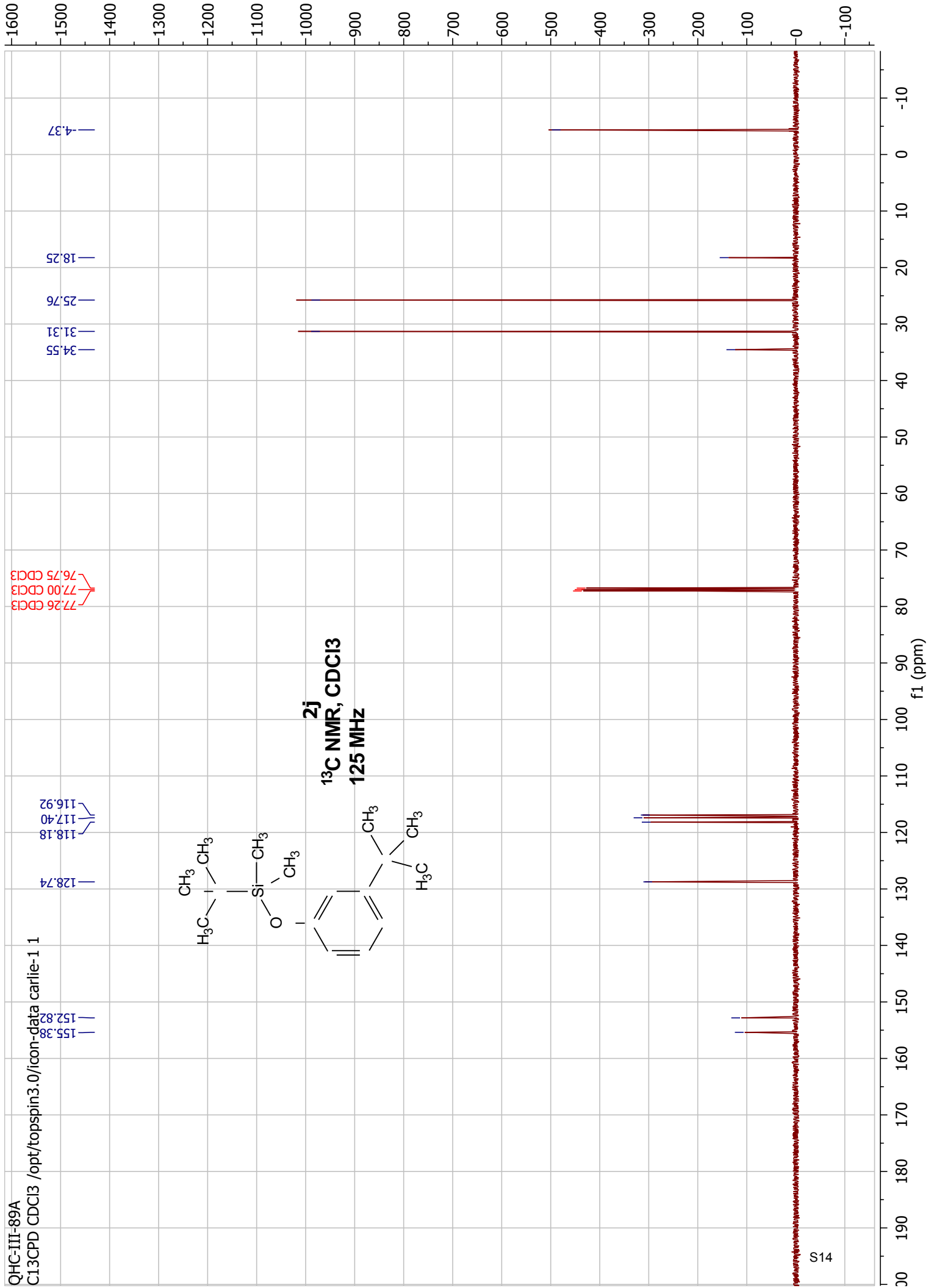
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0.95

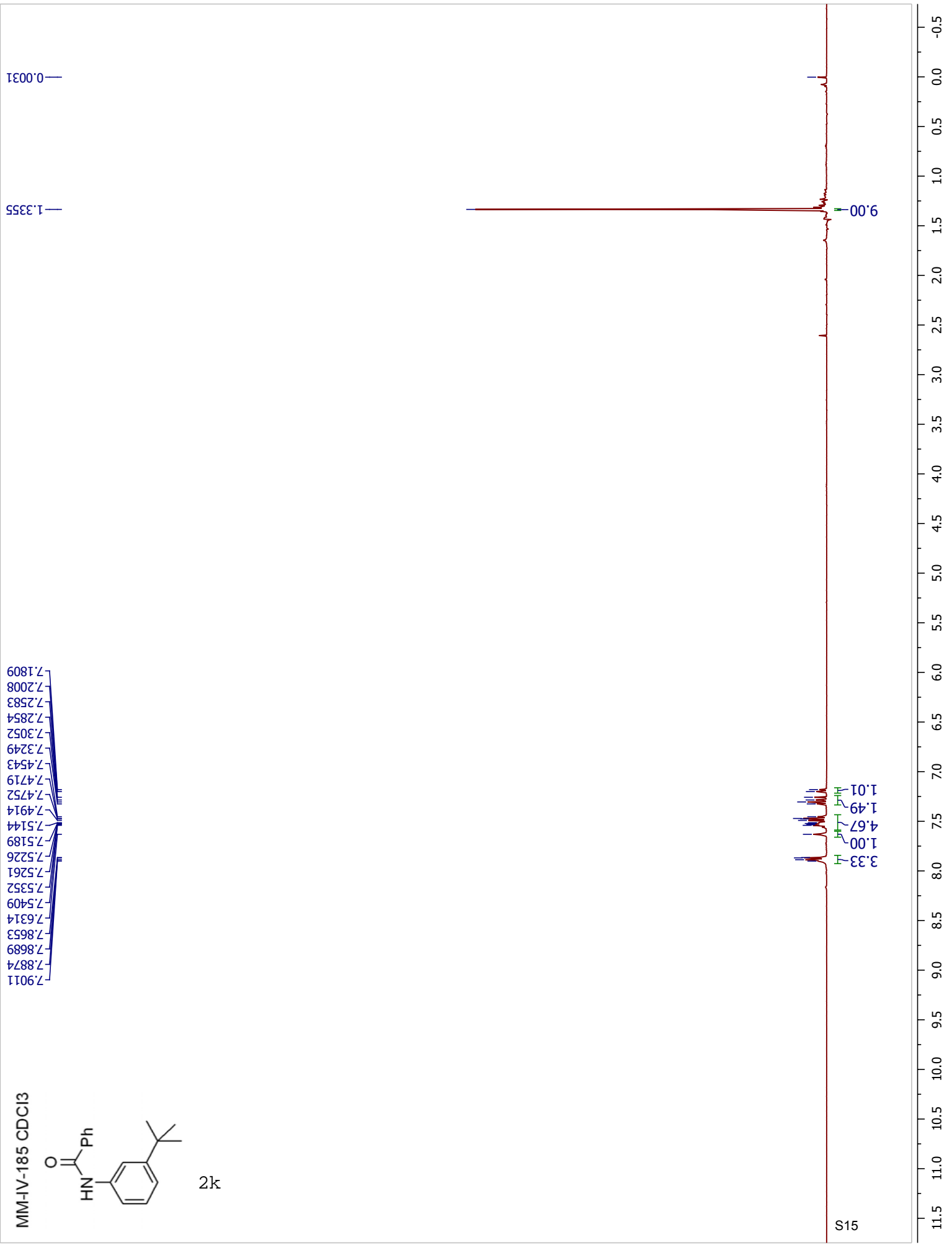




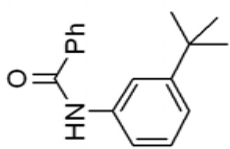


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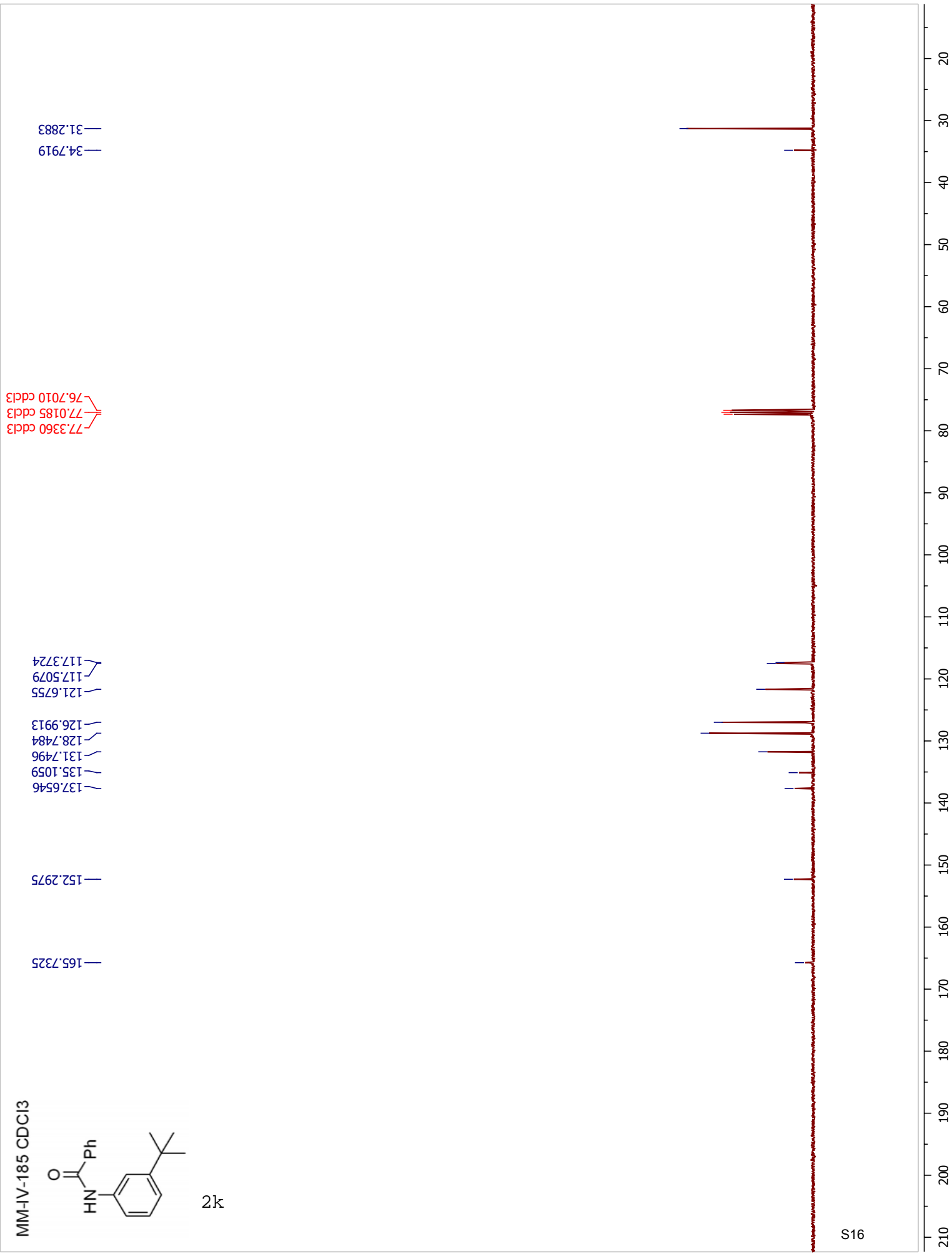


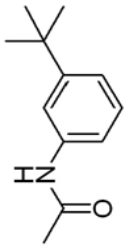


MM-V-185 CDCl₃



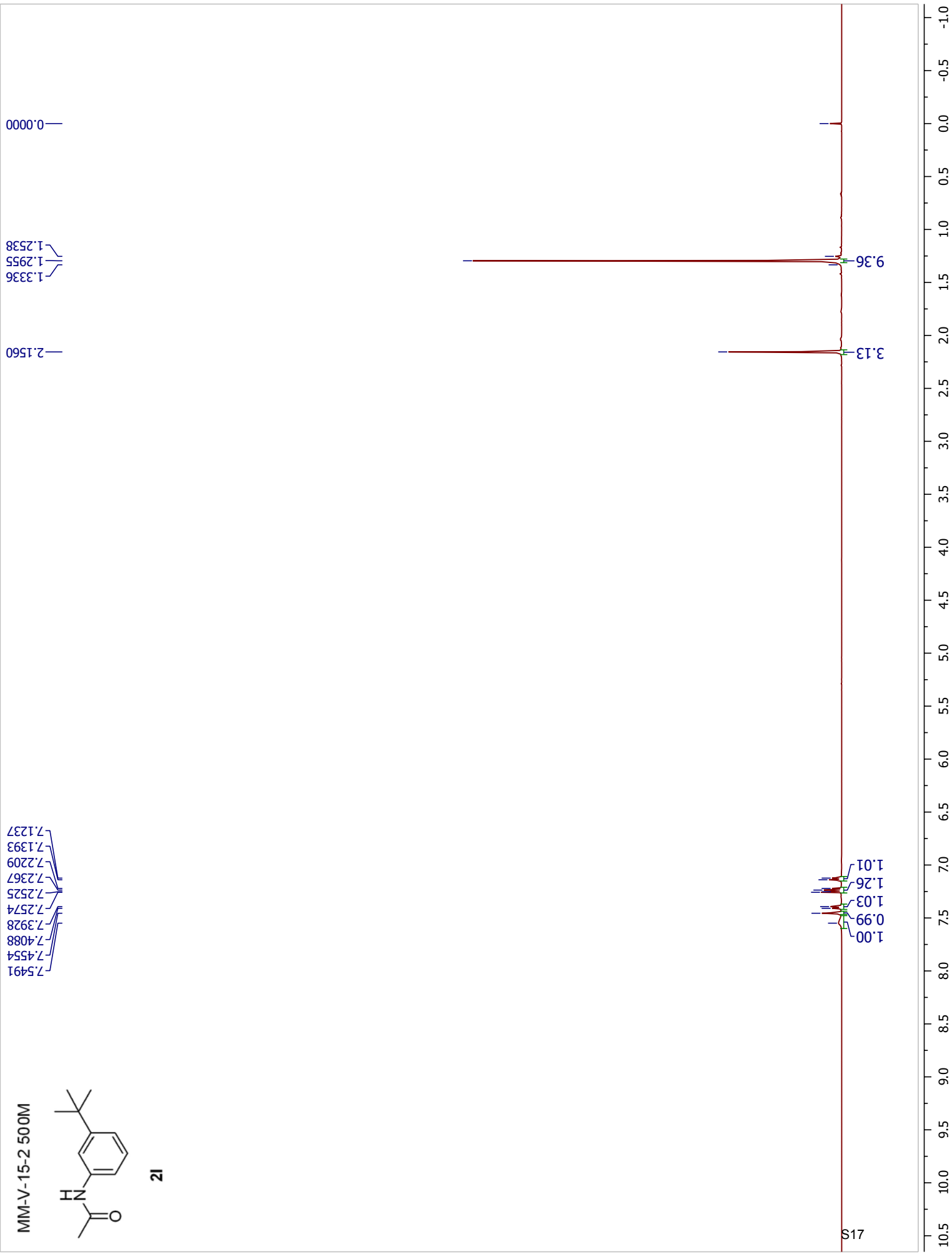
2k

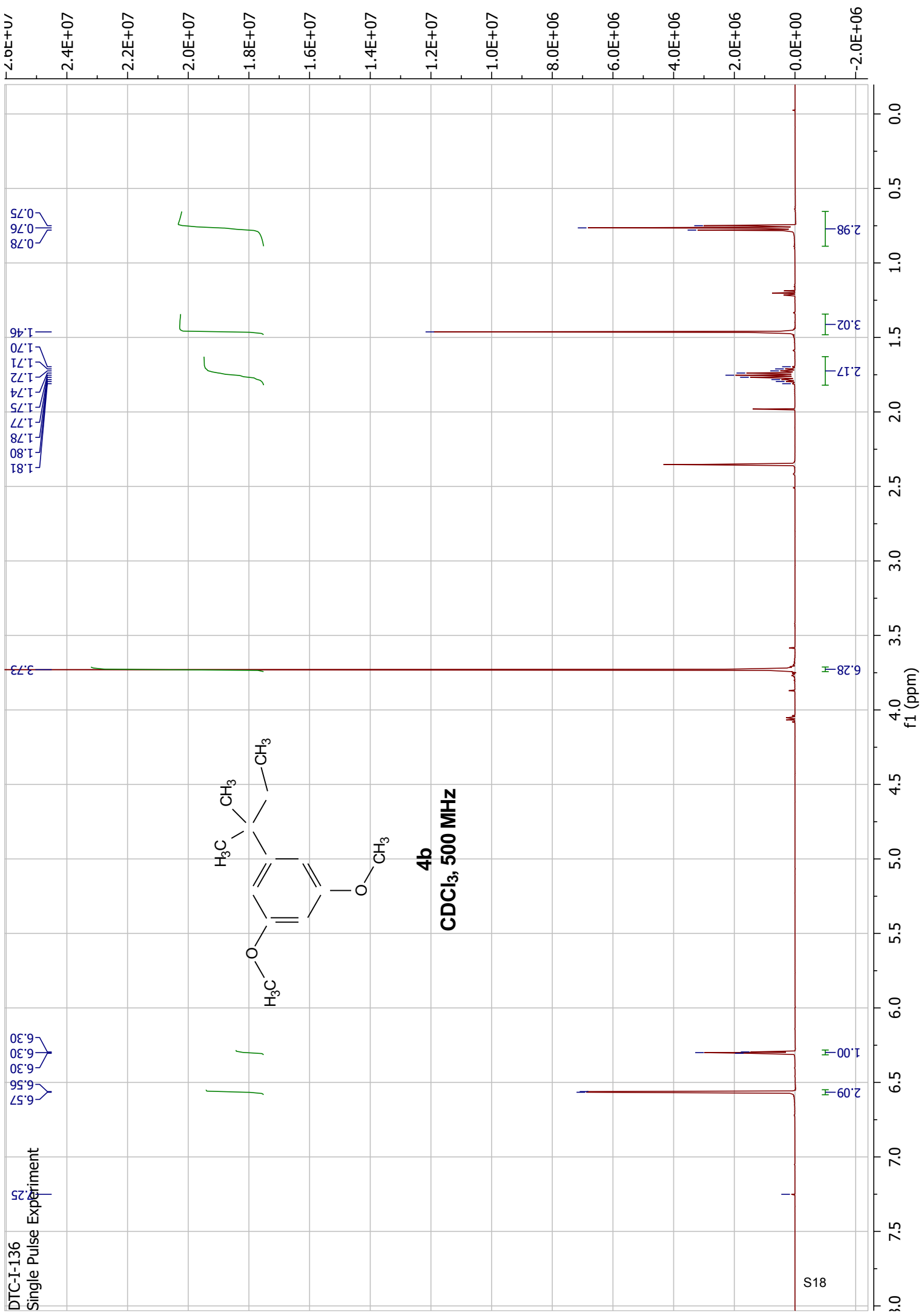


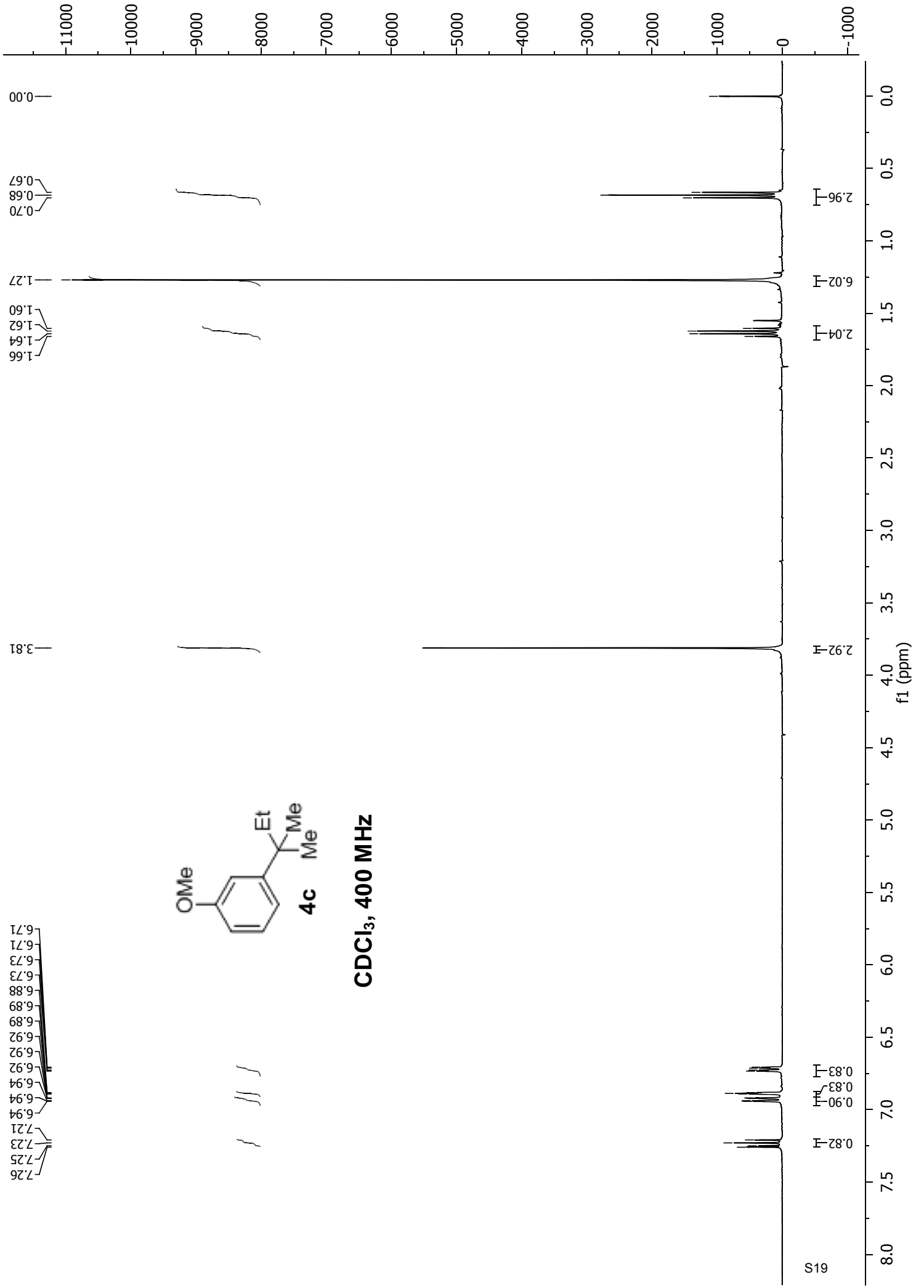


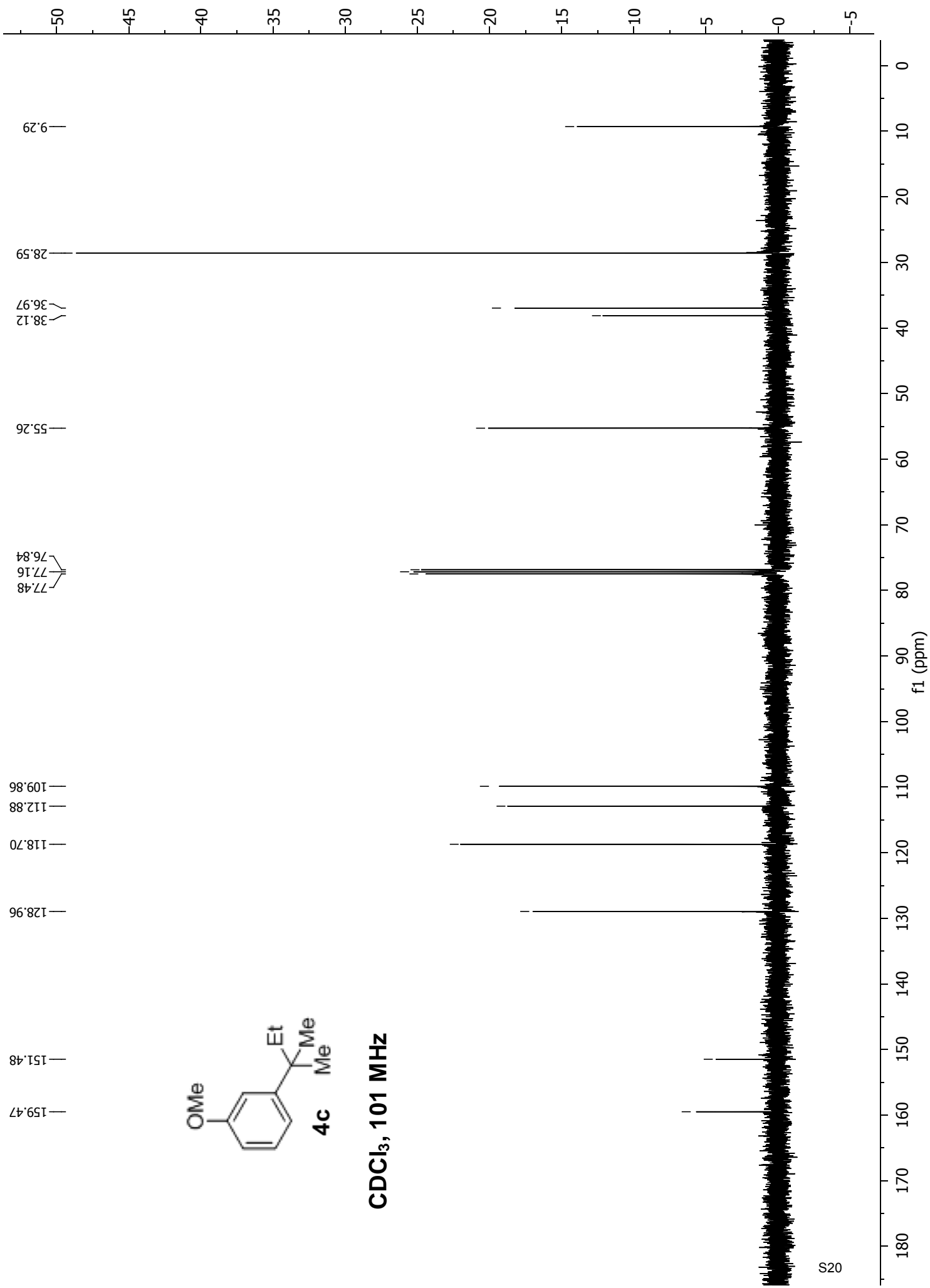
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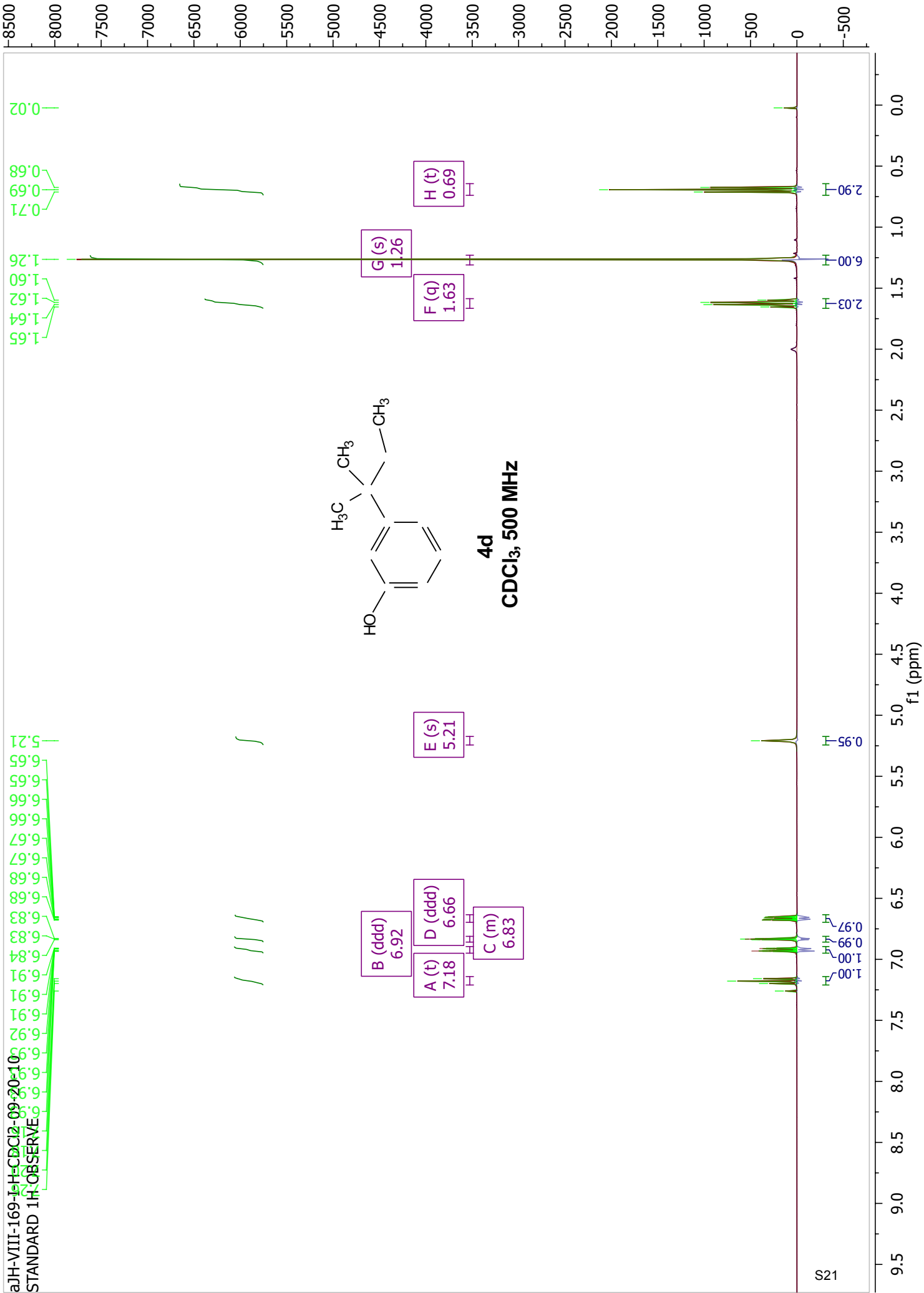
MM-V-15-2 500M

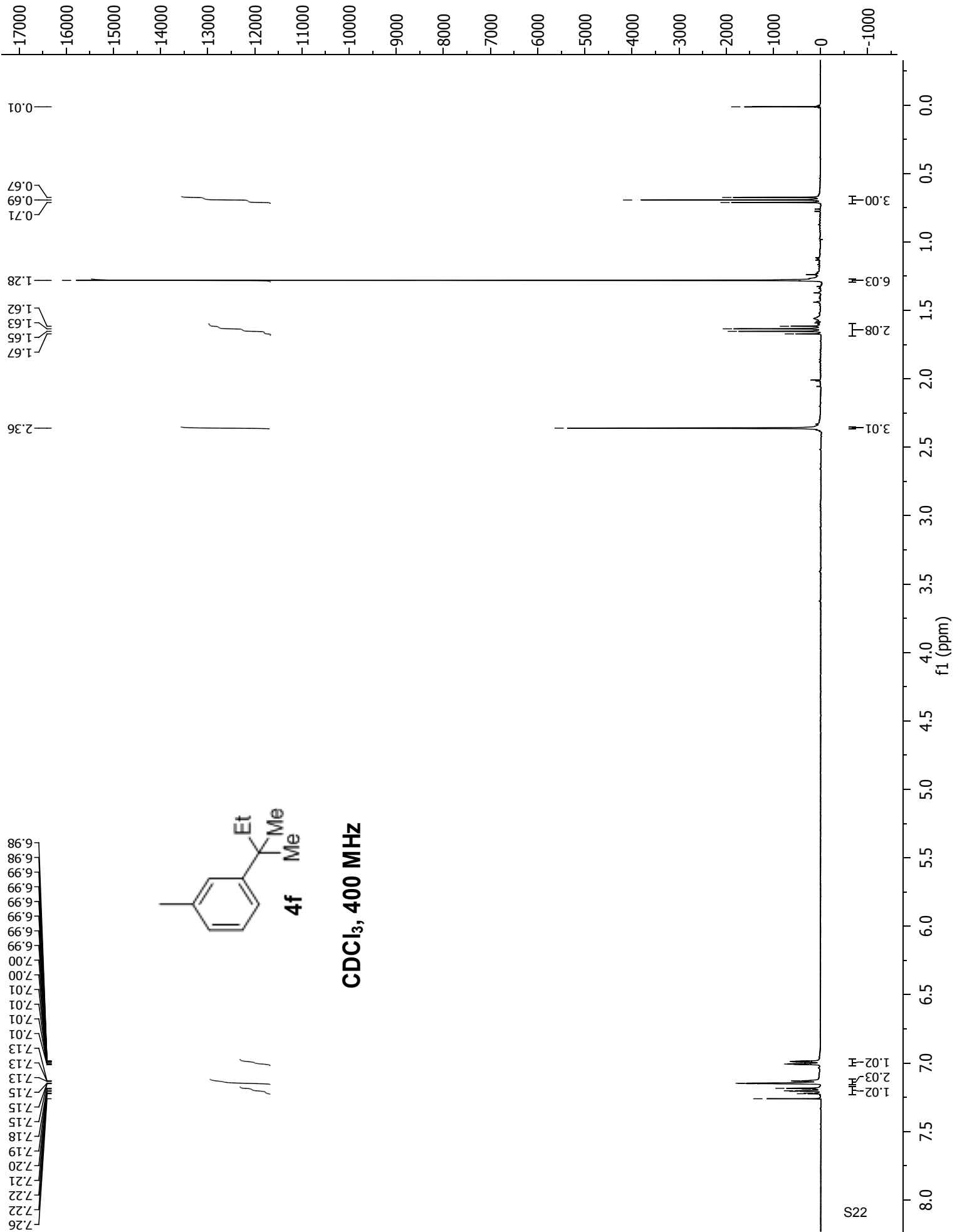


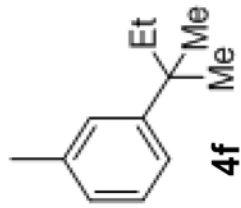




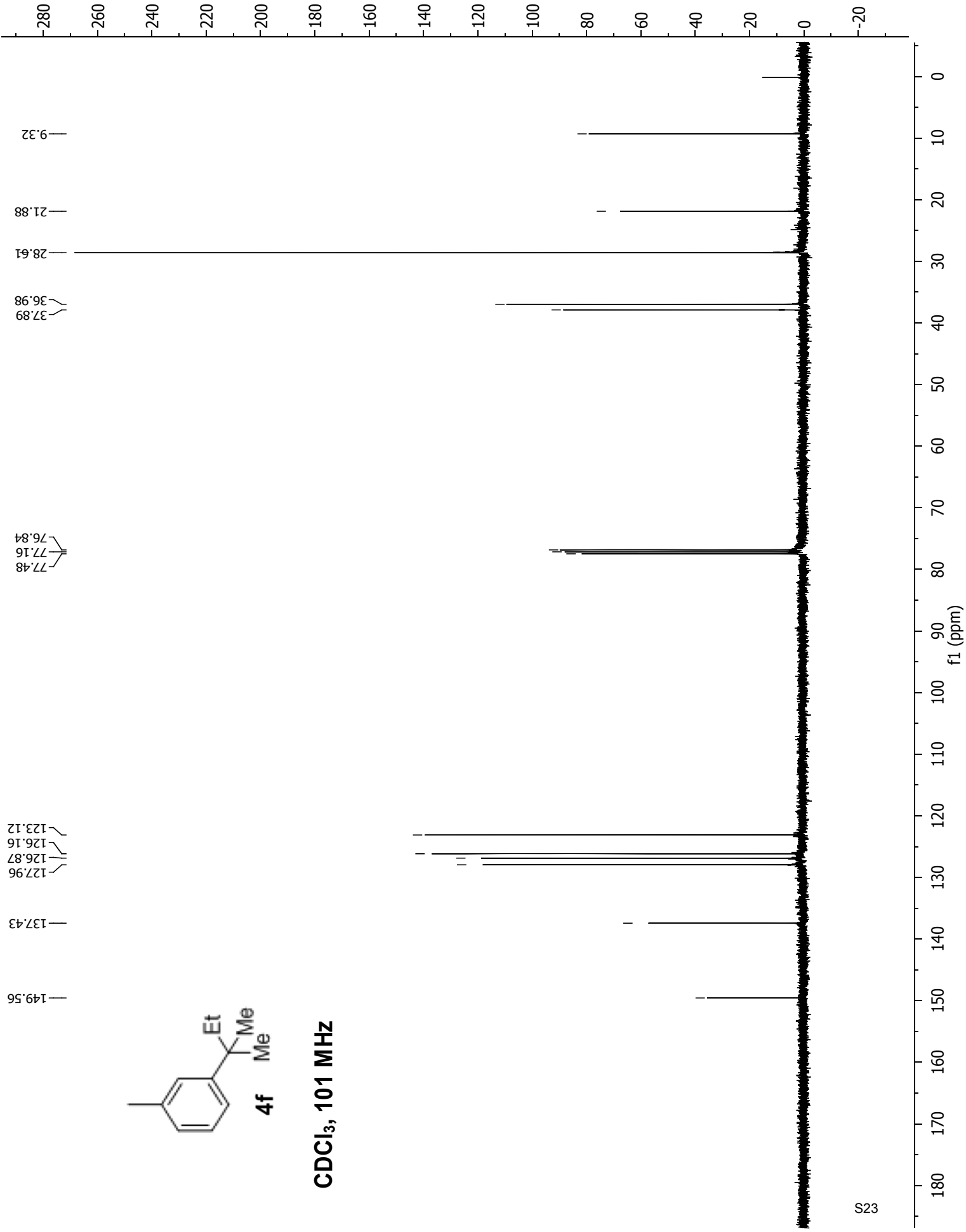




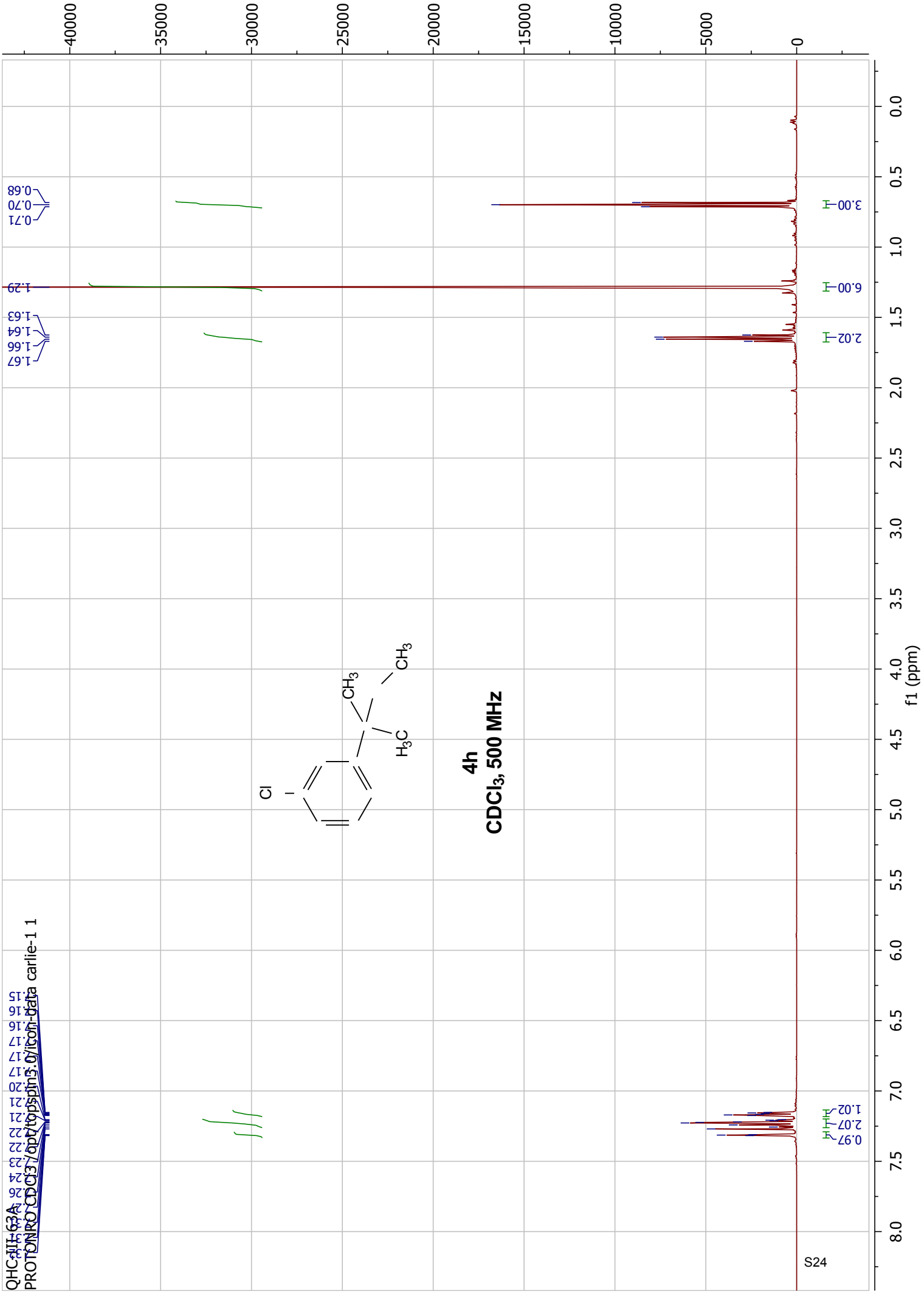


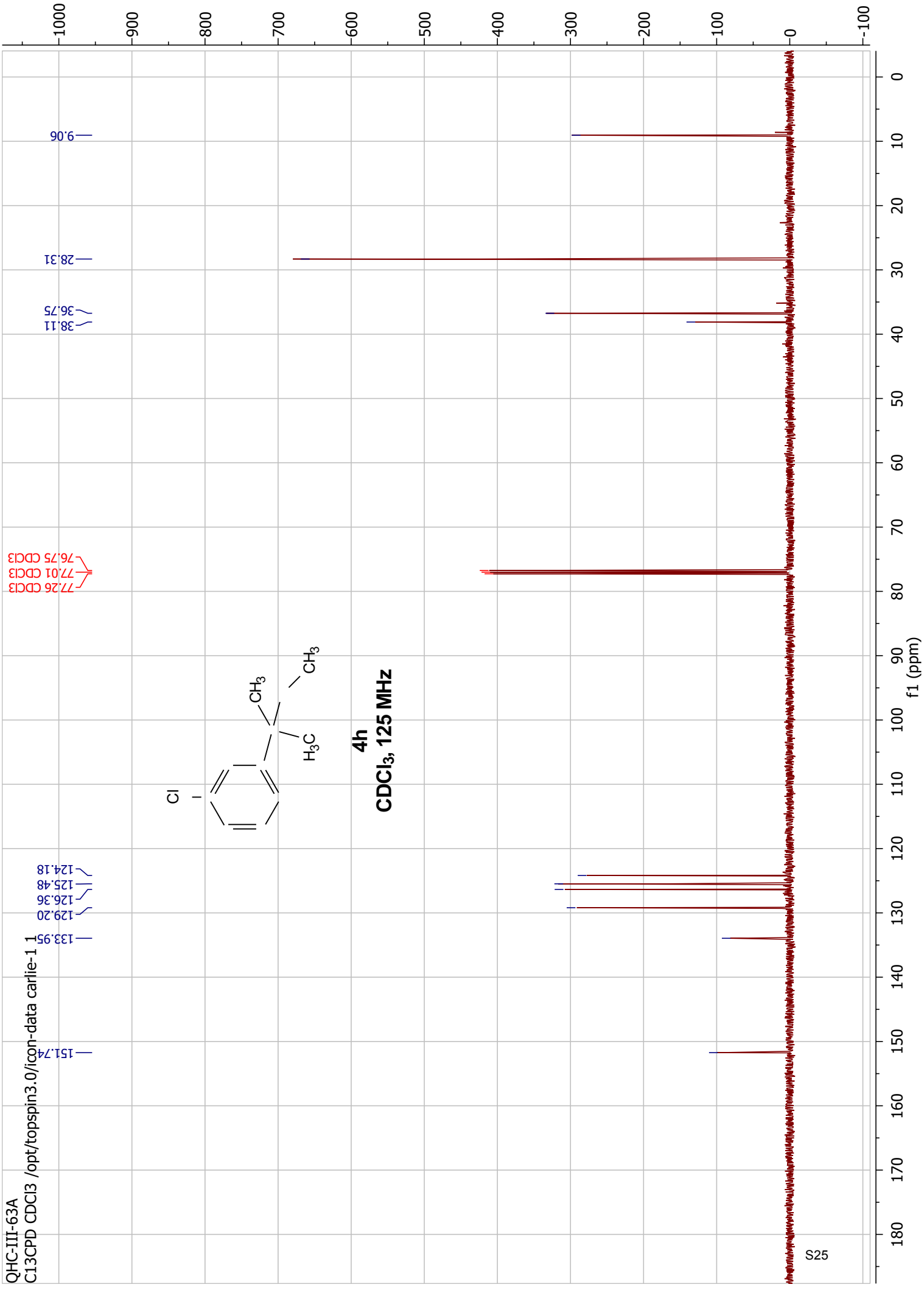


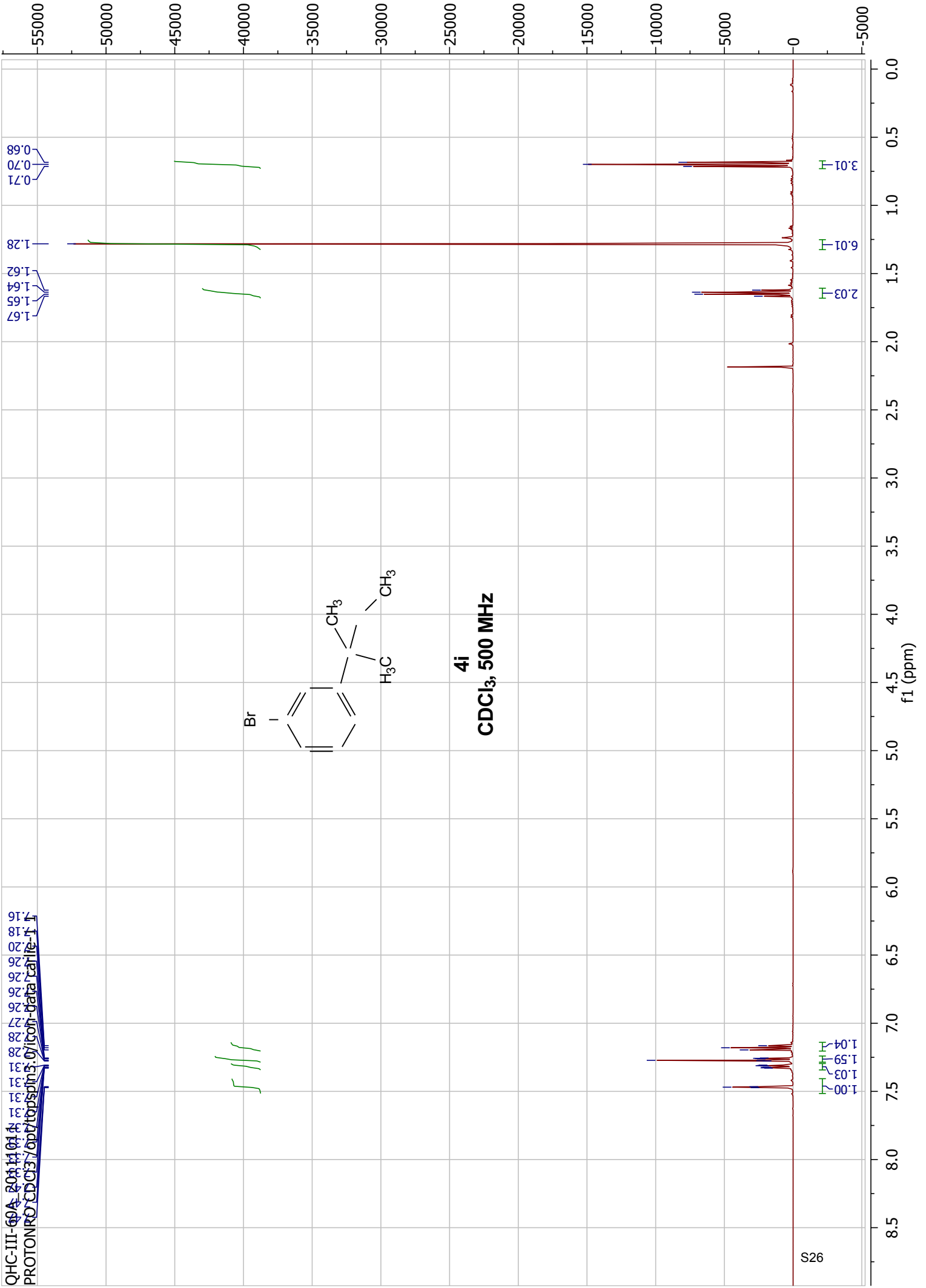
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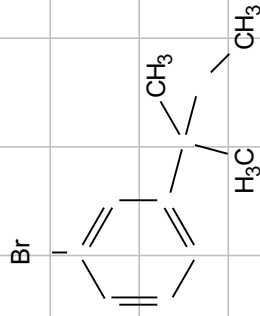
OHCA1163A
PROTONRO CDCl3 7.674 top spin 5: Orion - data carlie-1 1



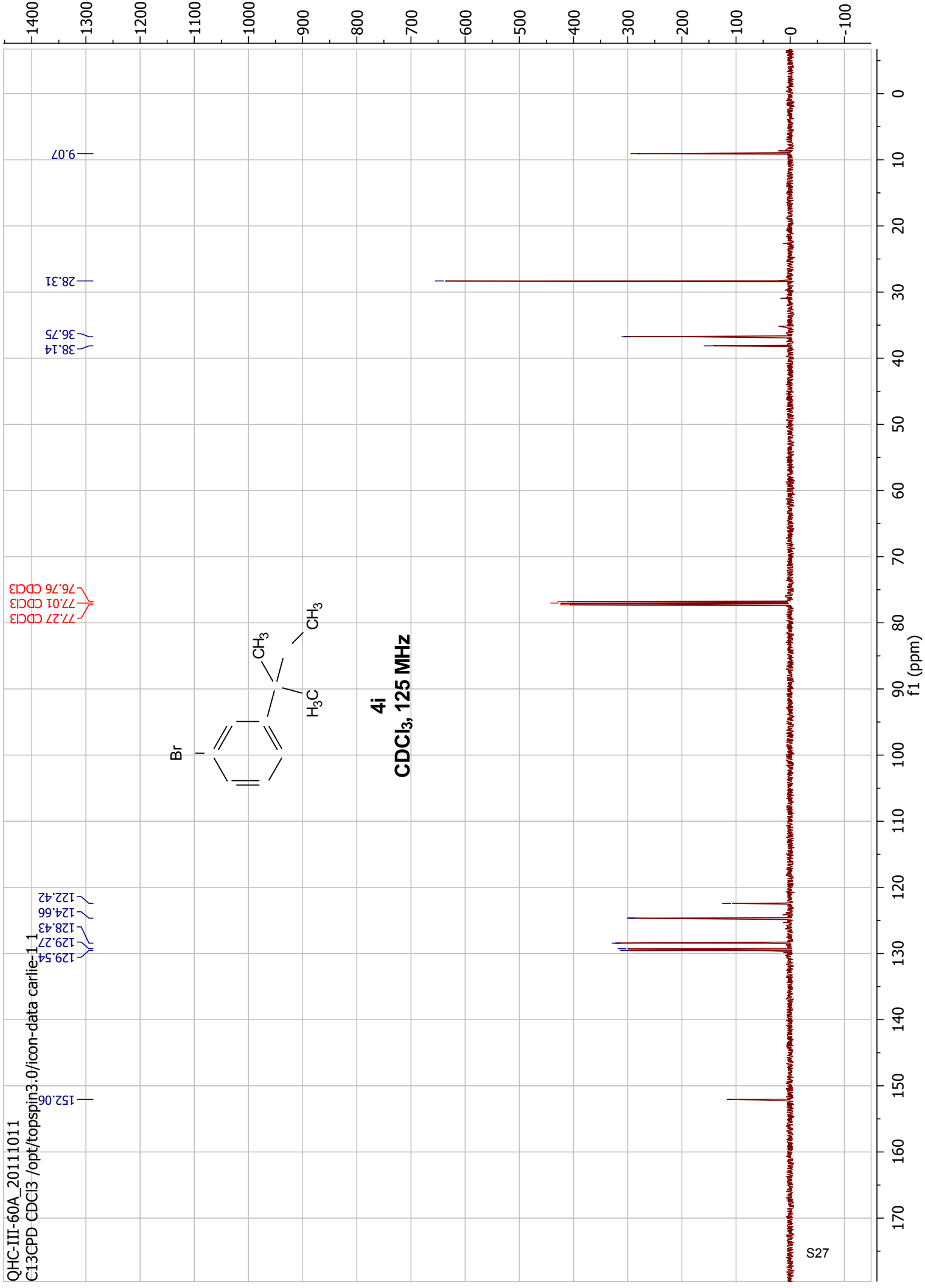


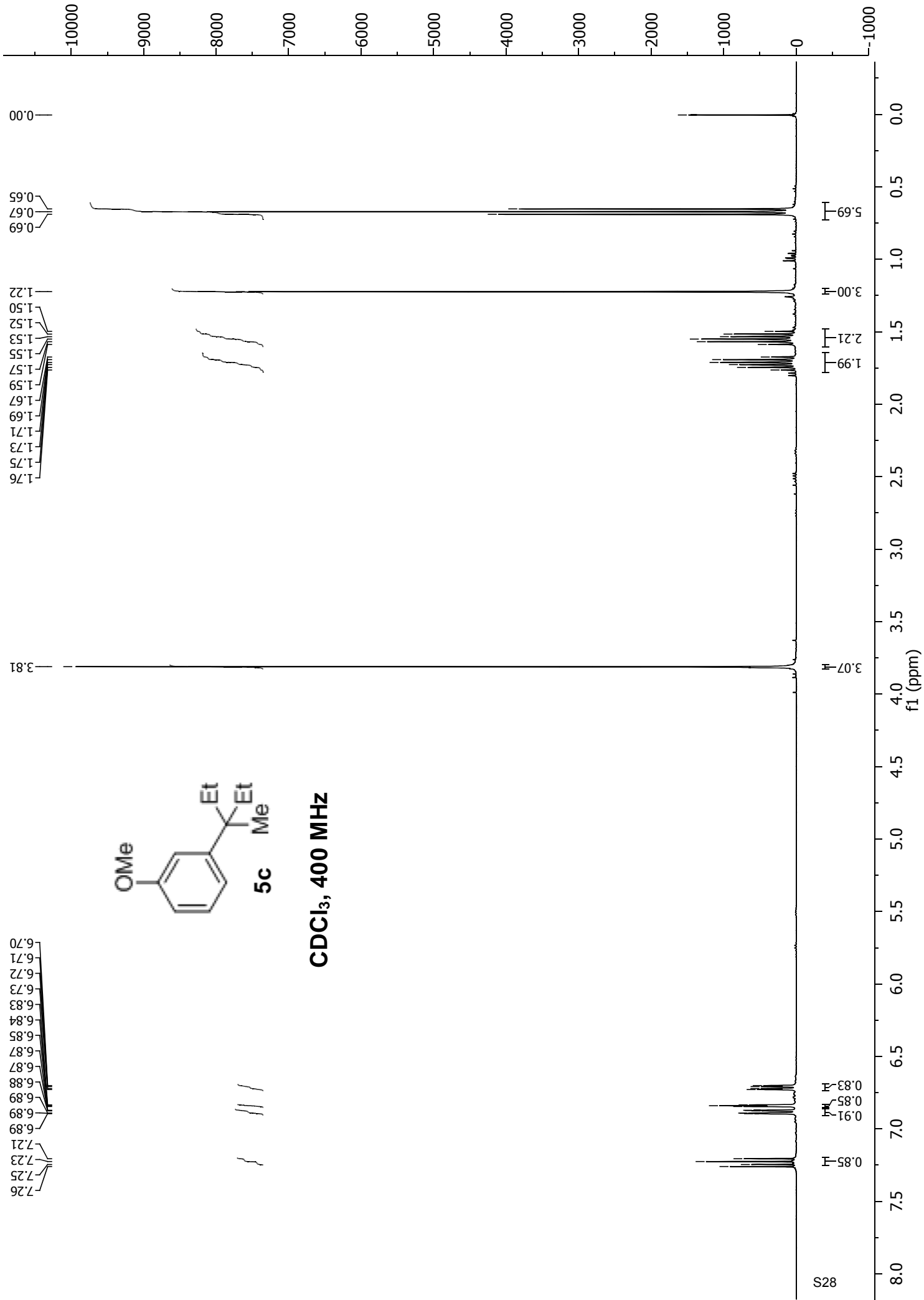


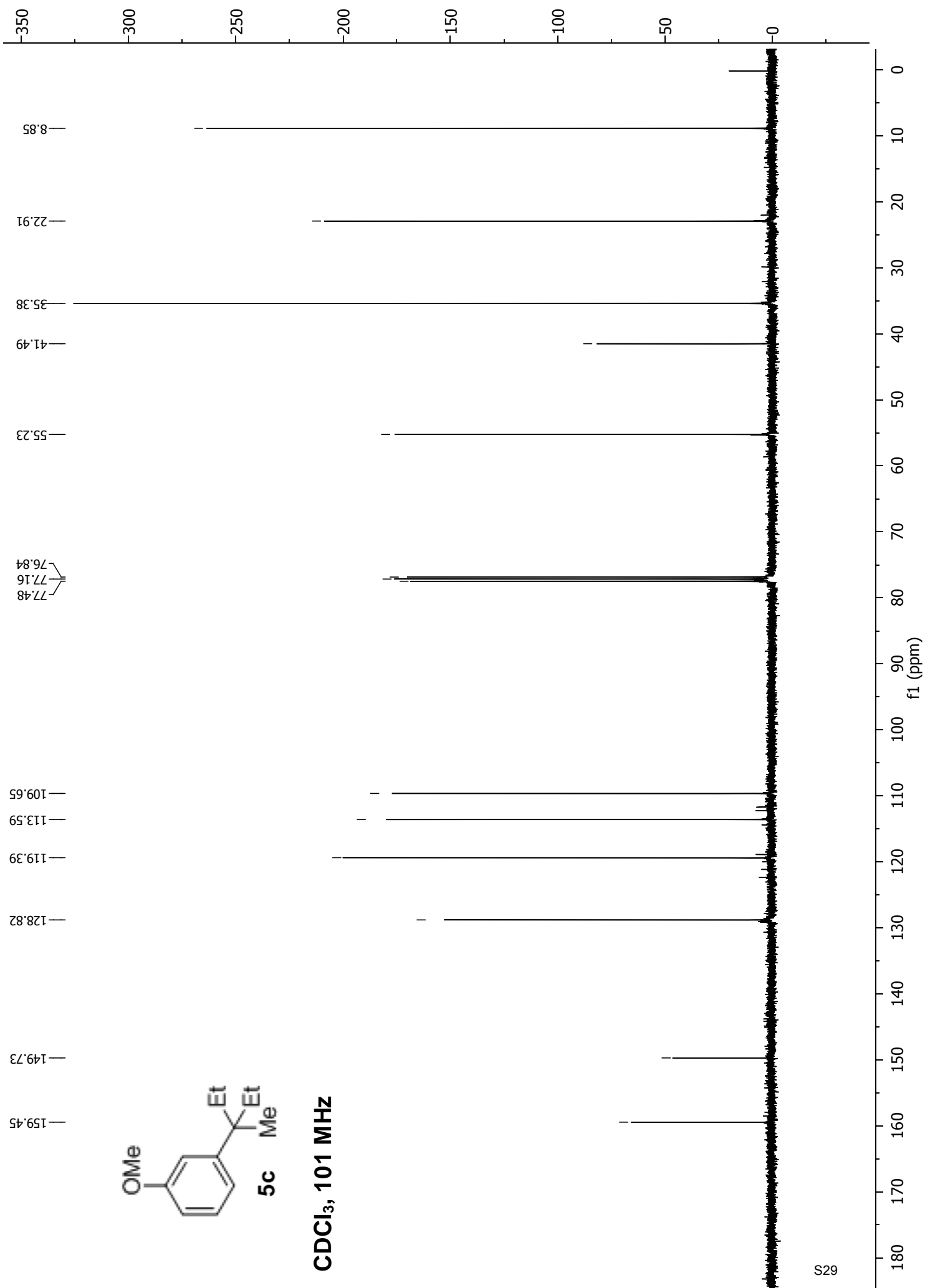
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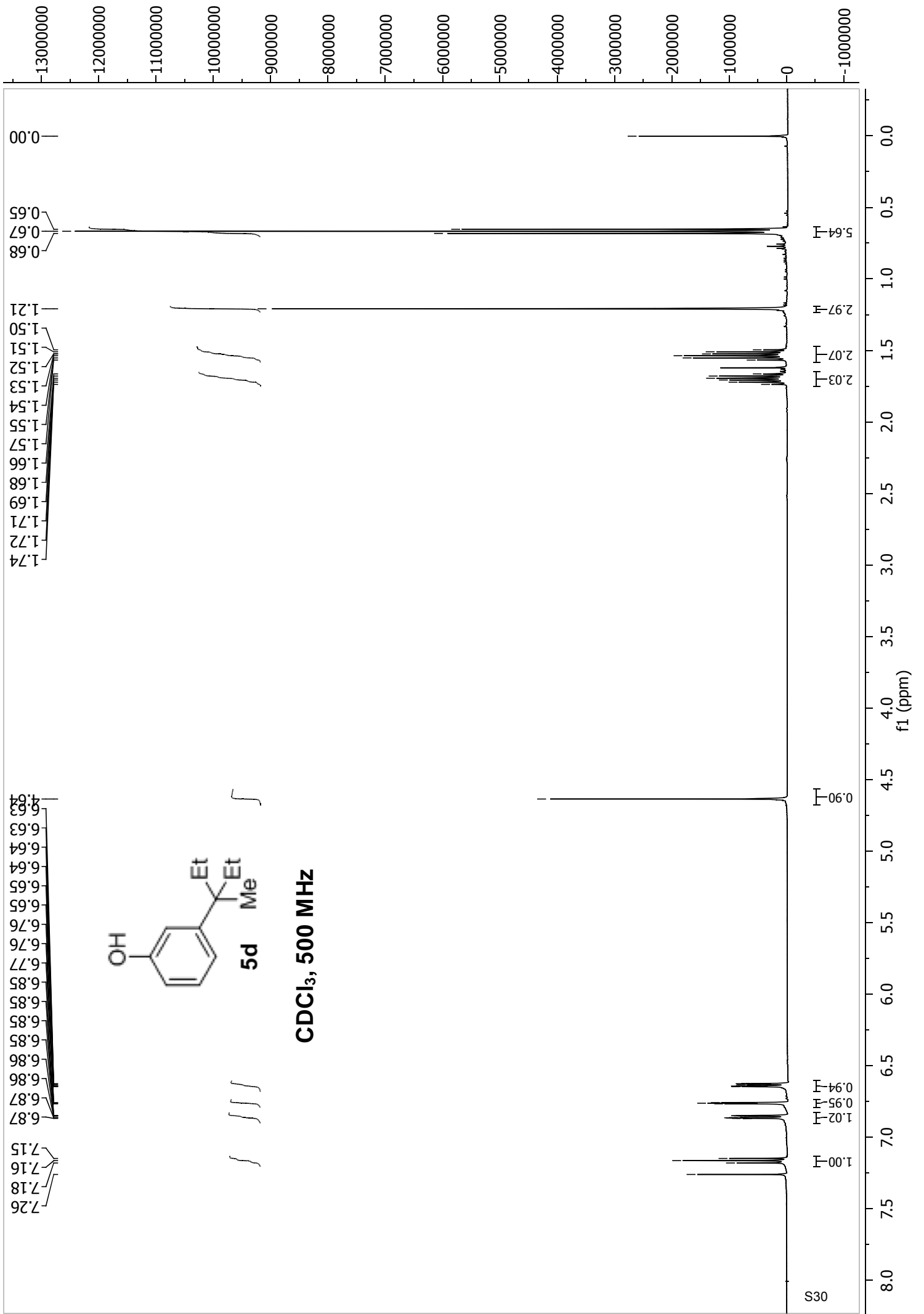


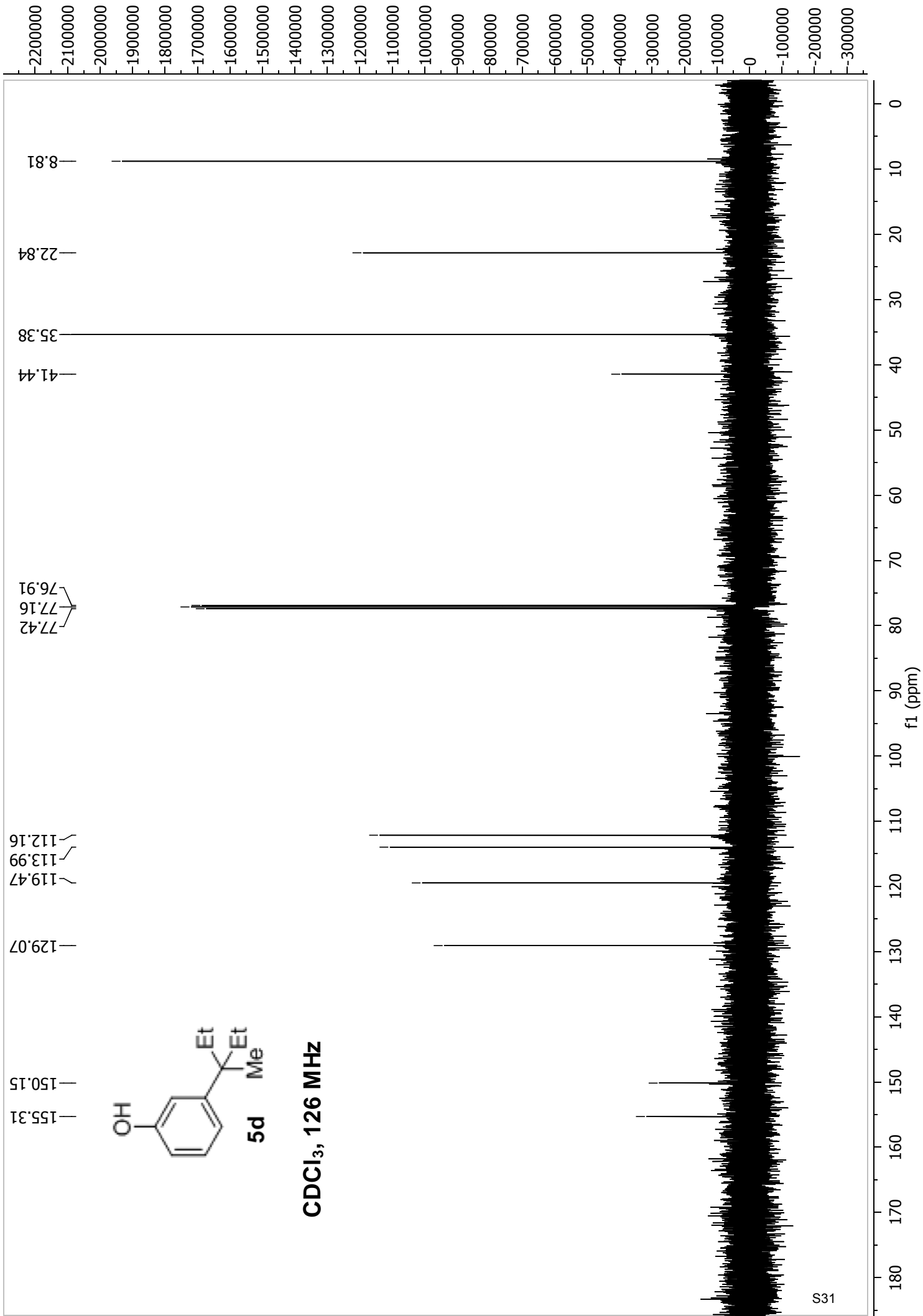
4i
CDCl₃, 125 MHz

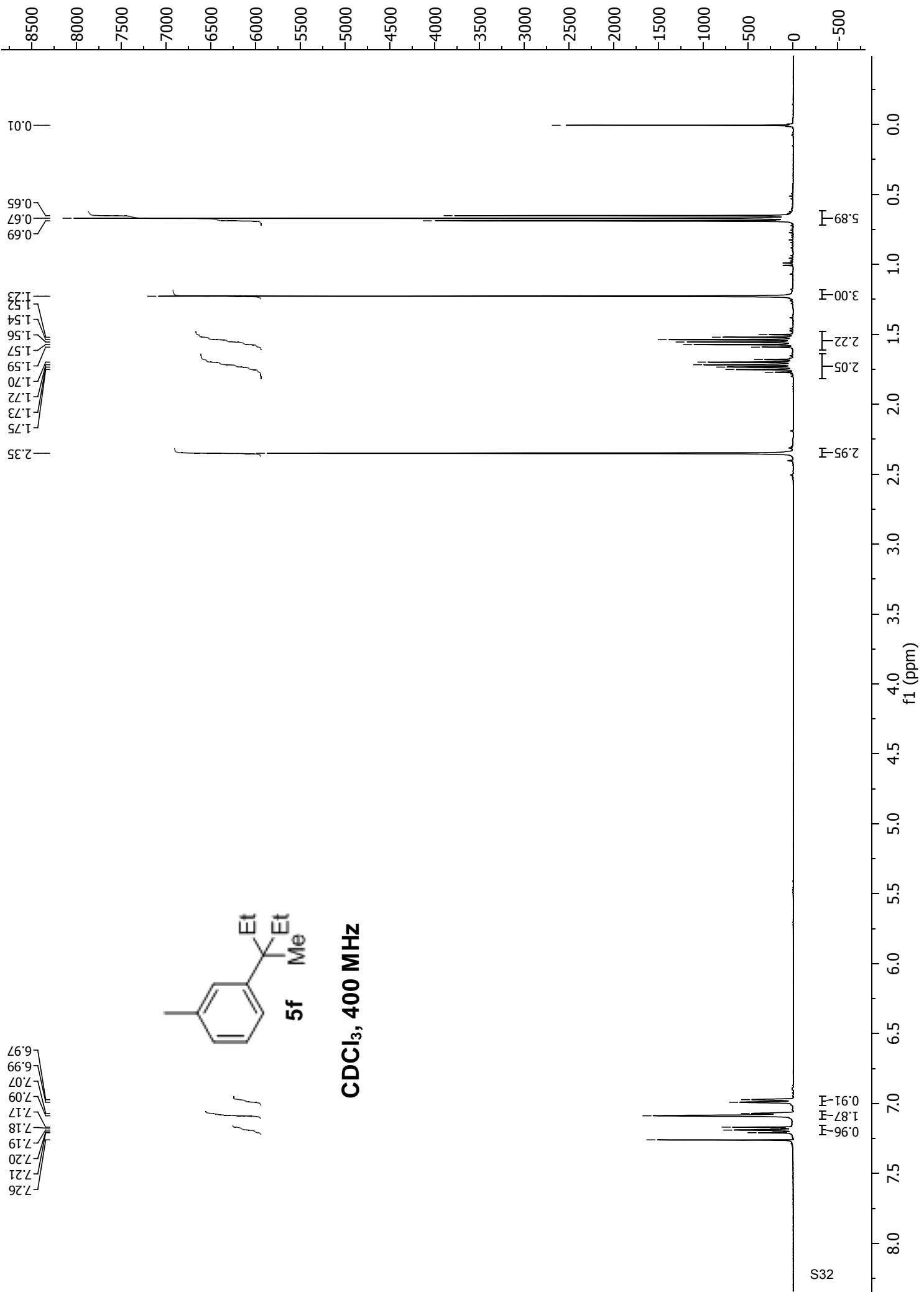


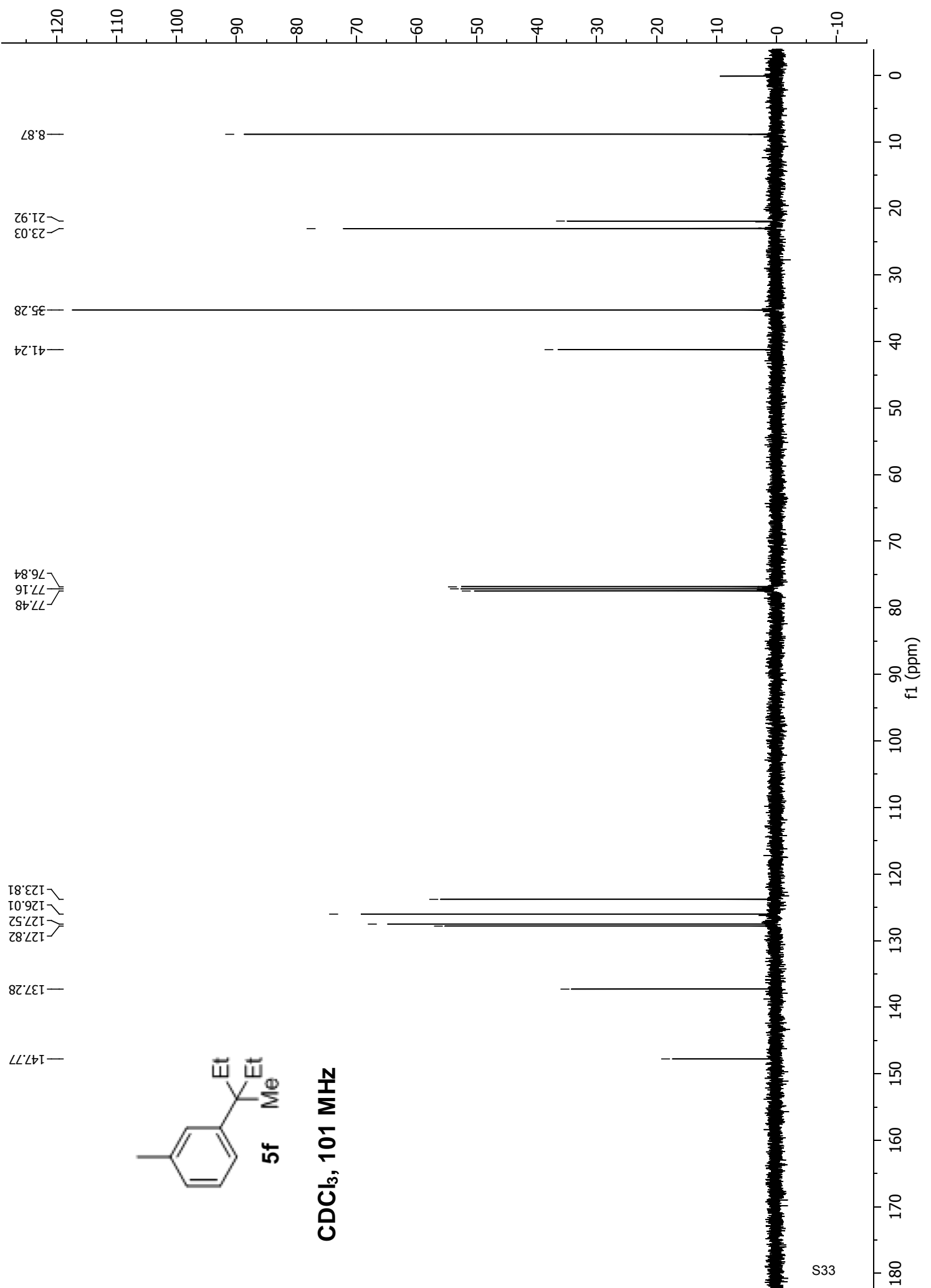


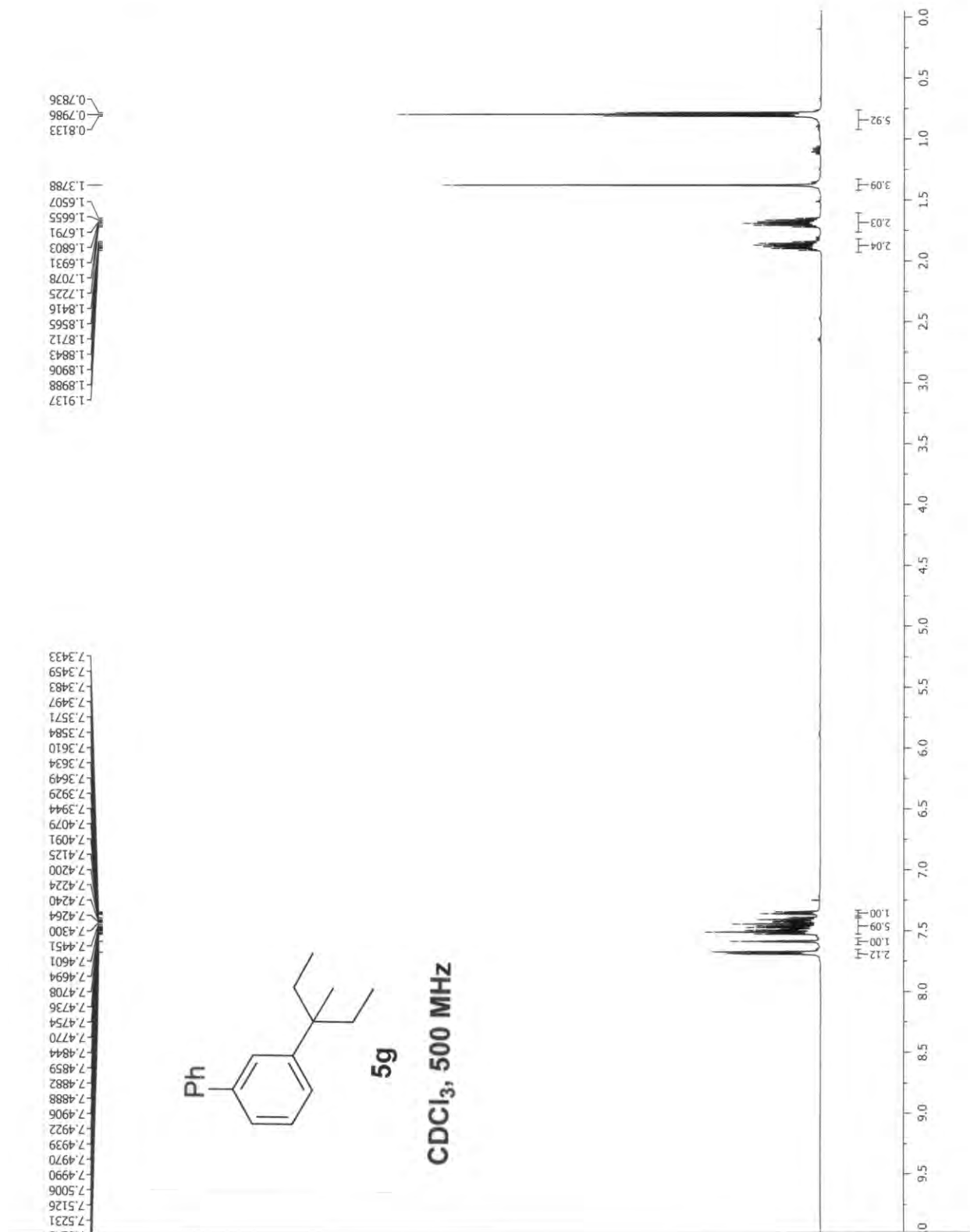


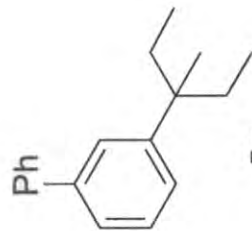






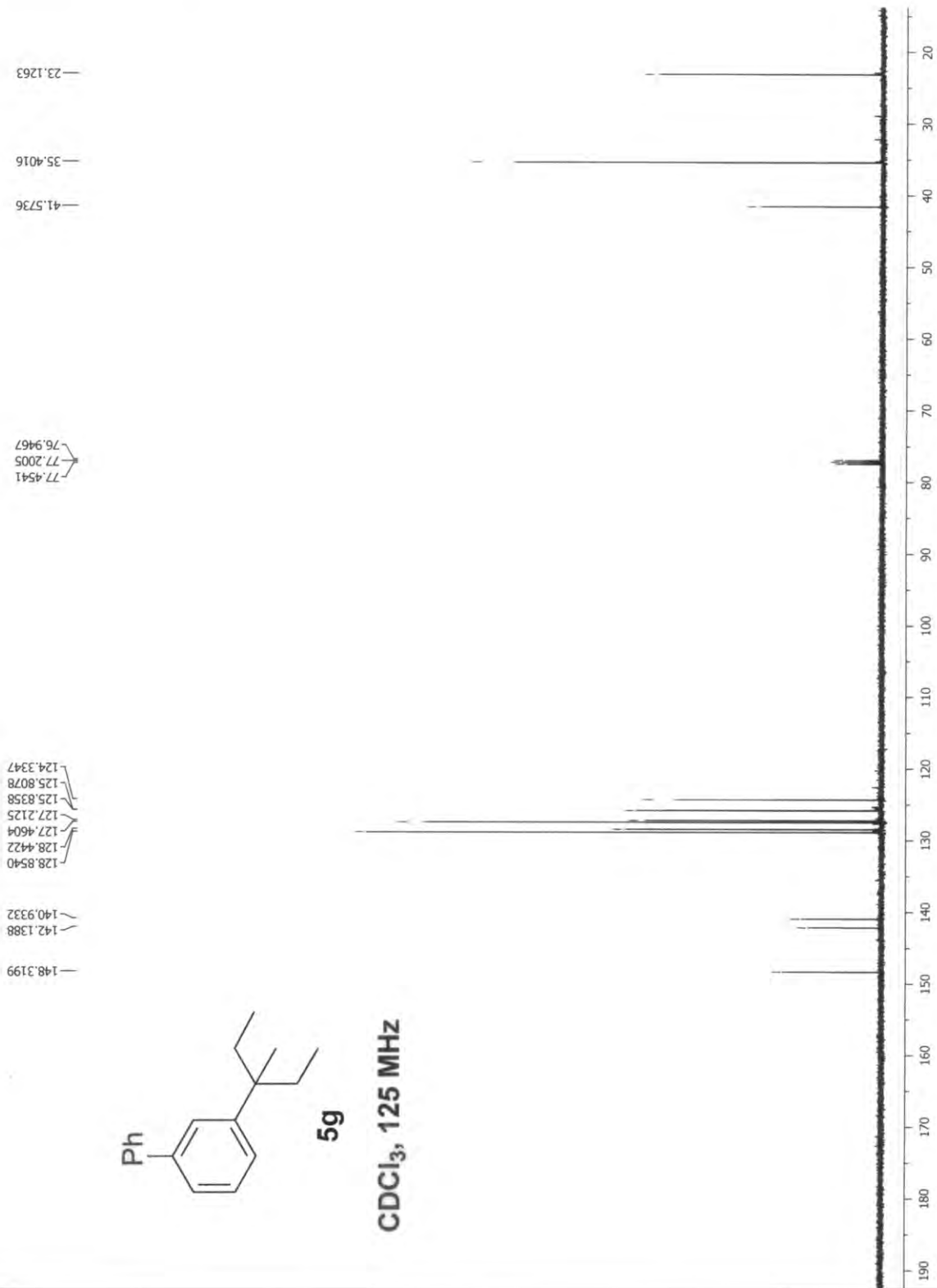


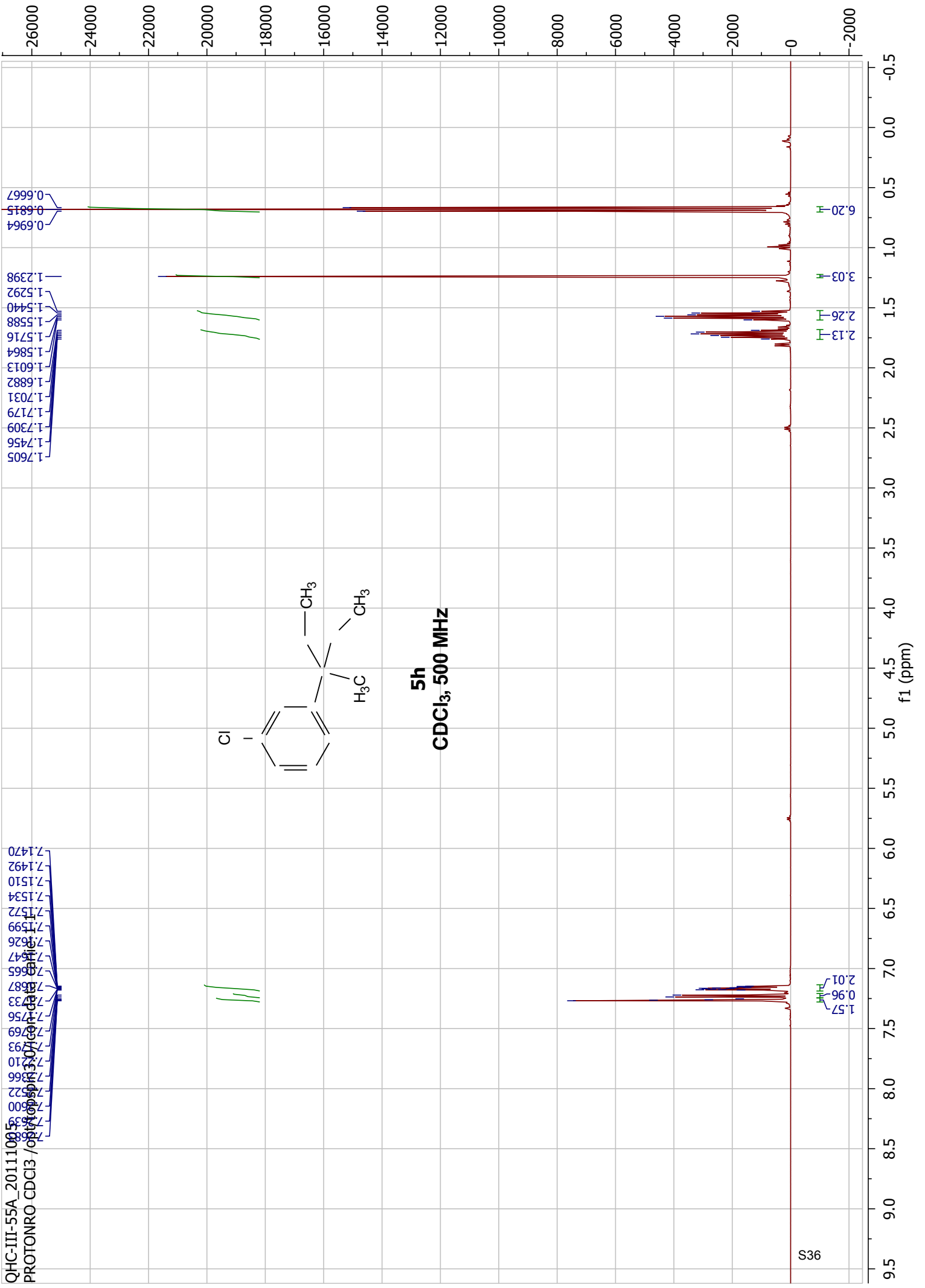


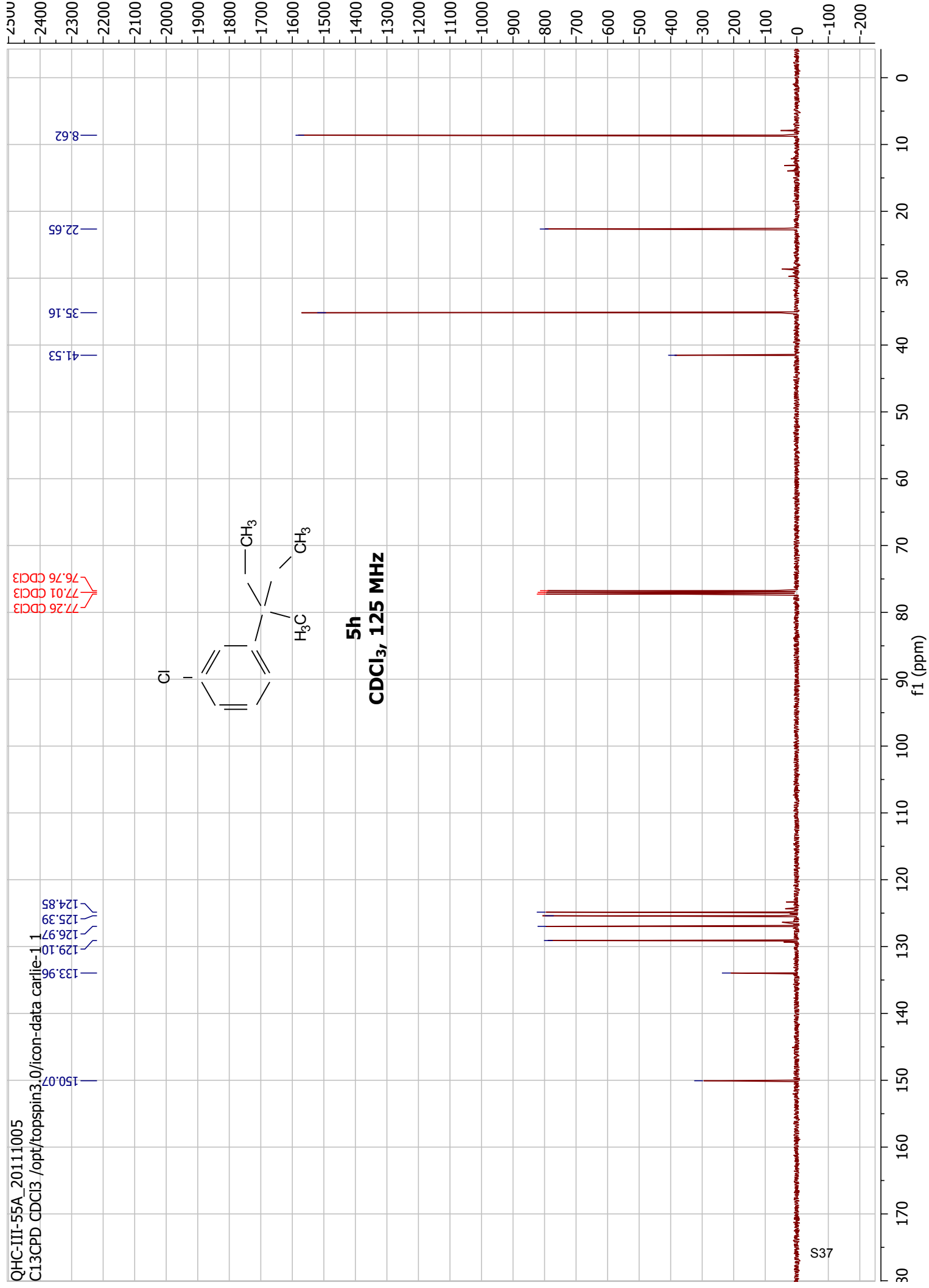


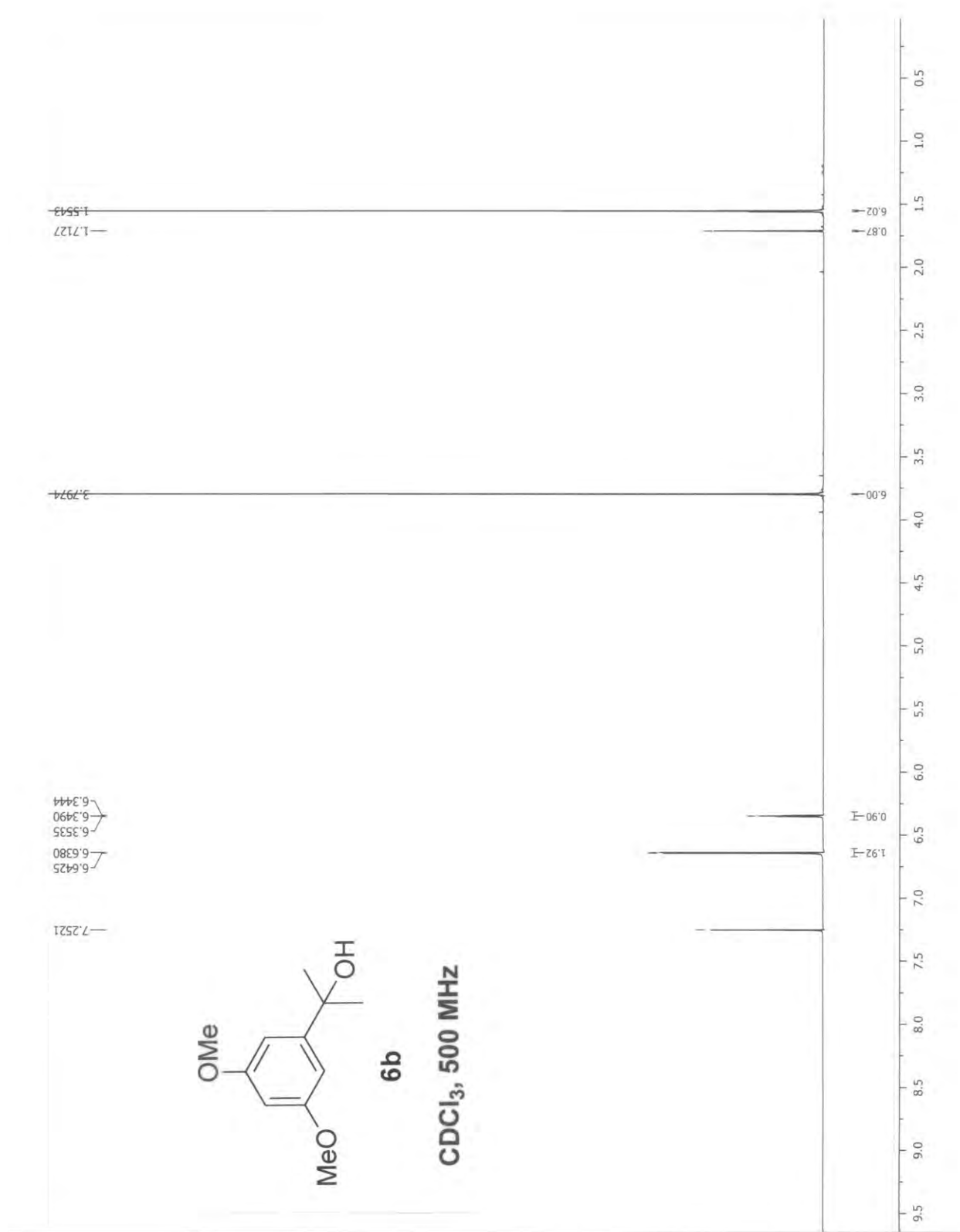
5g

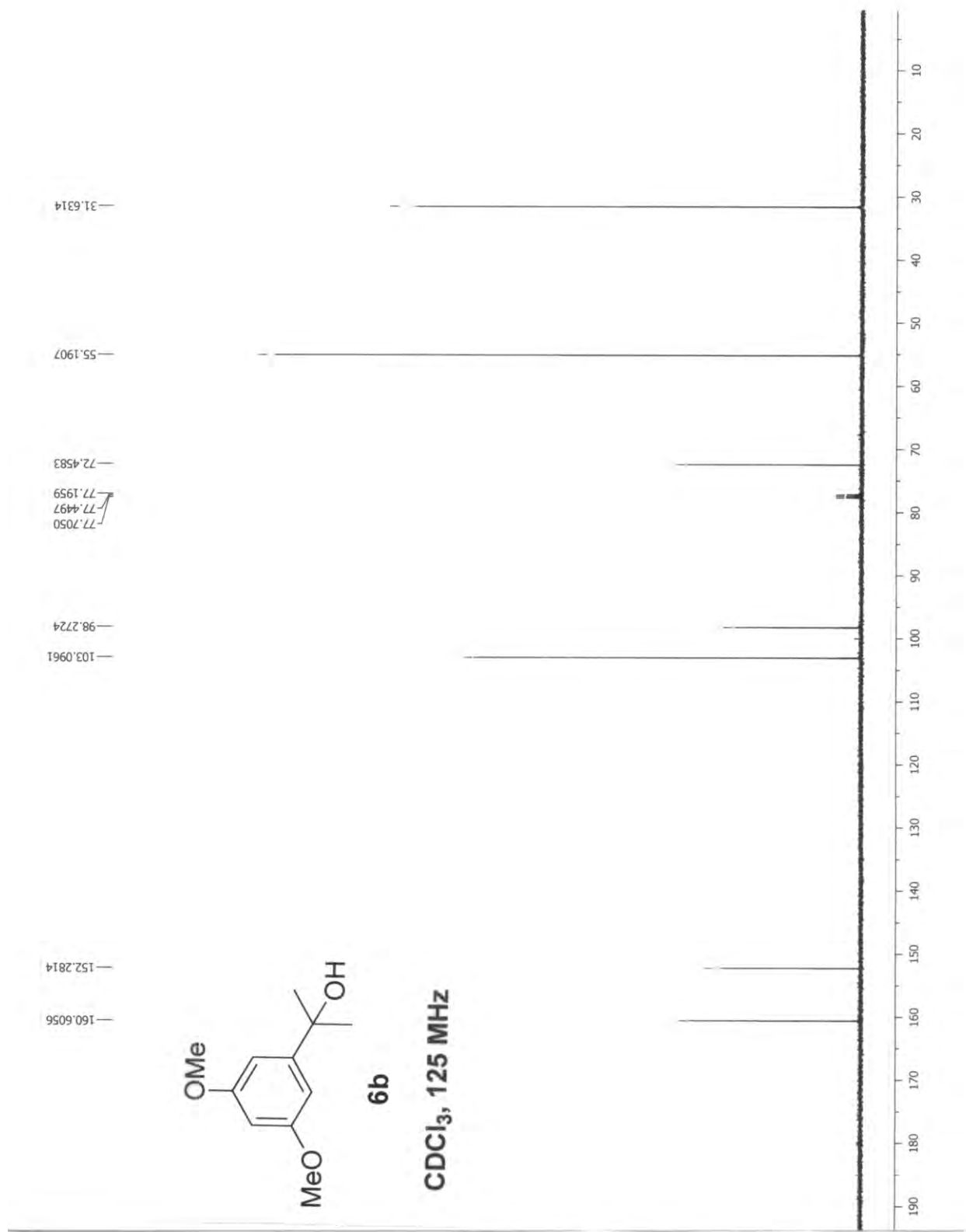
CDCl₃, 125 MHz

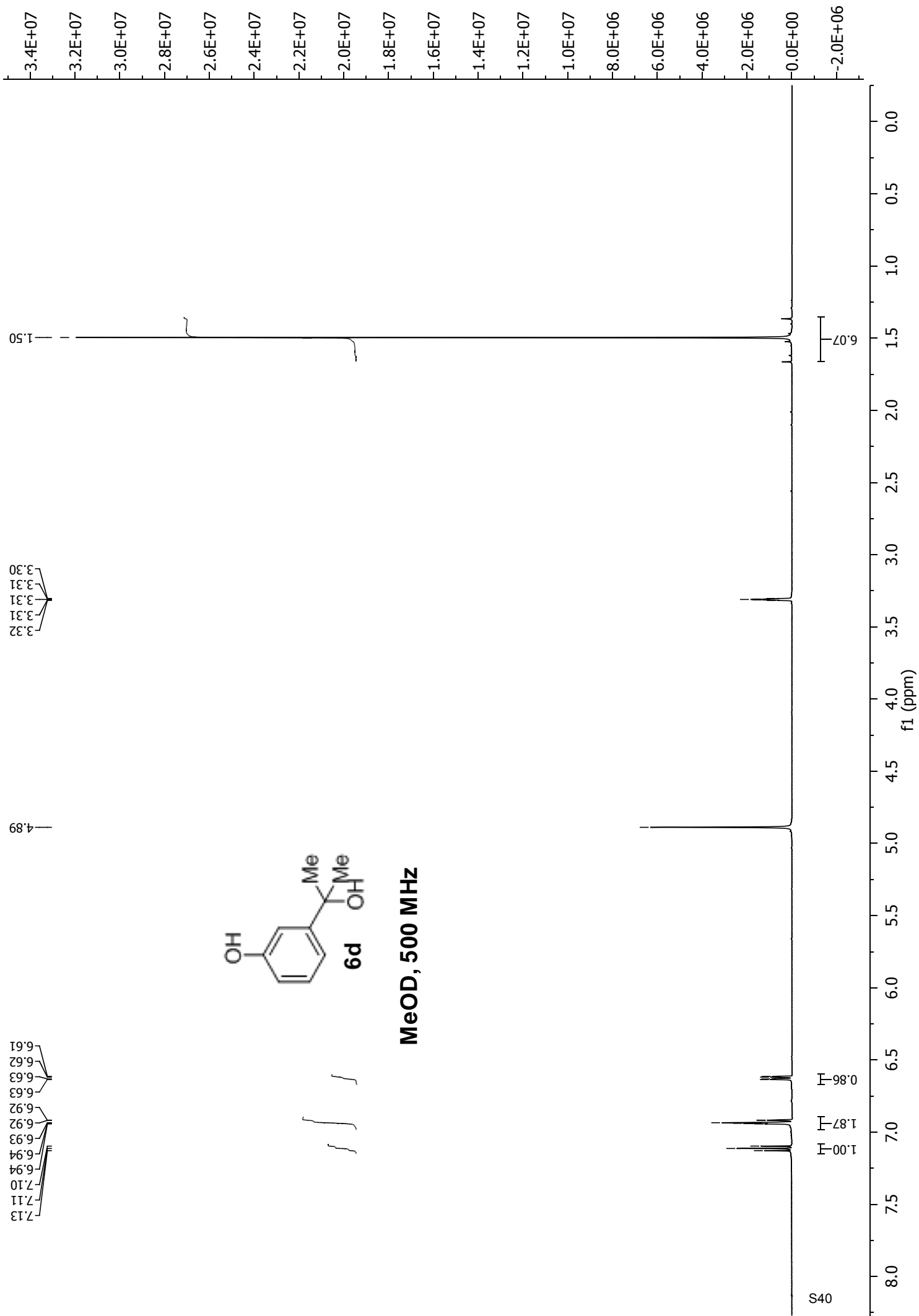


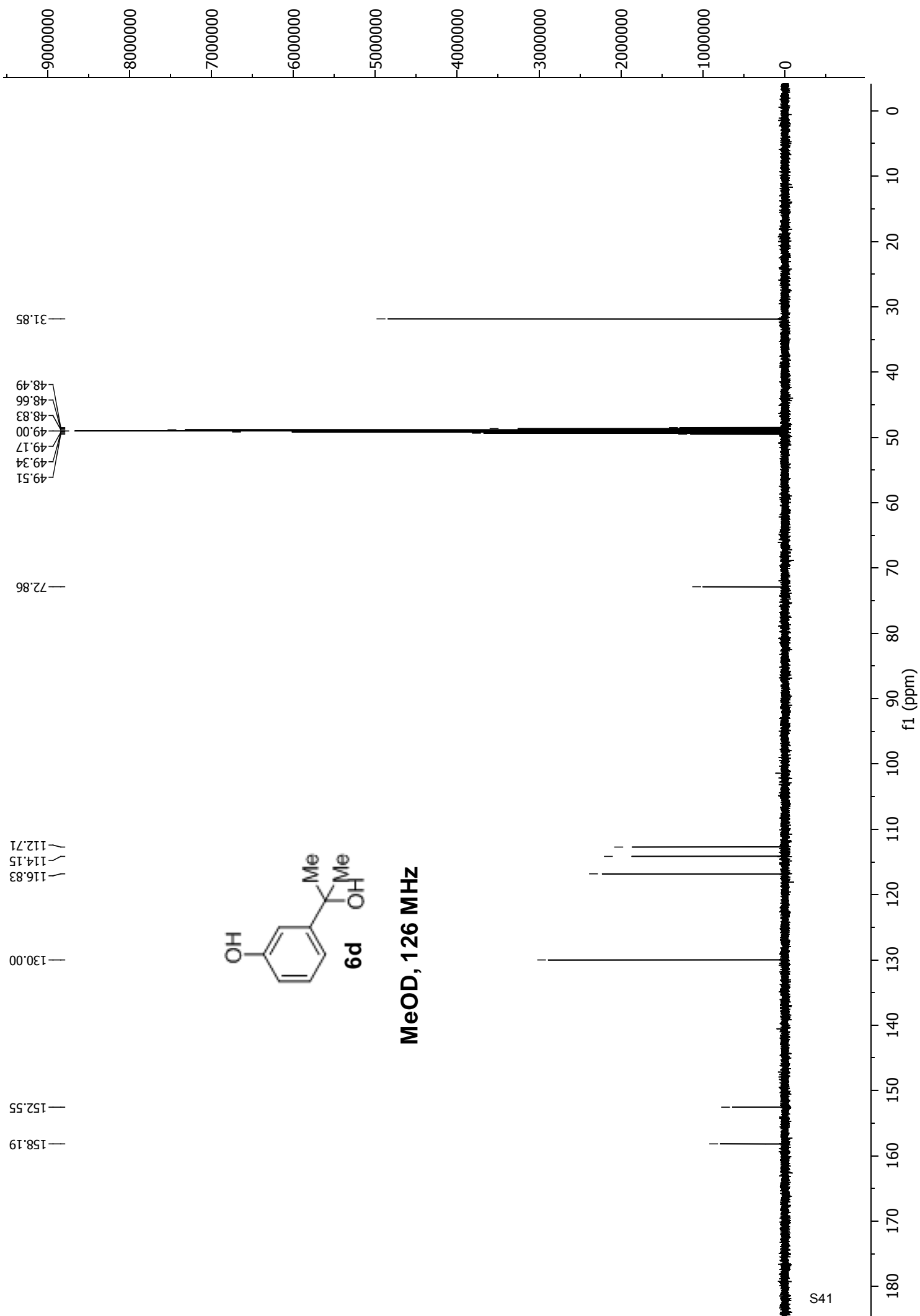


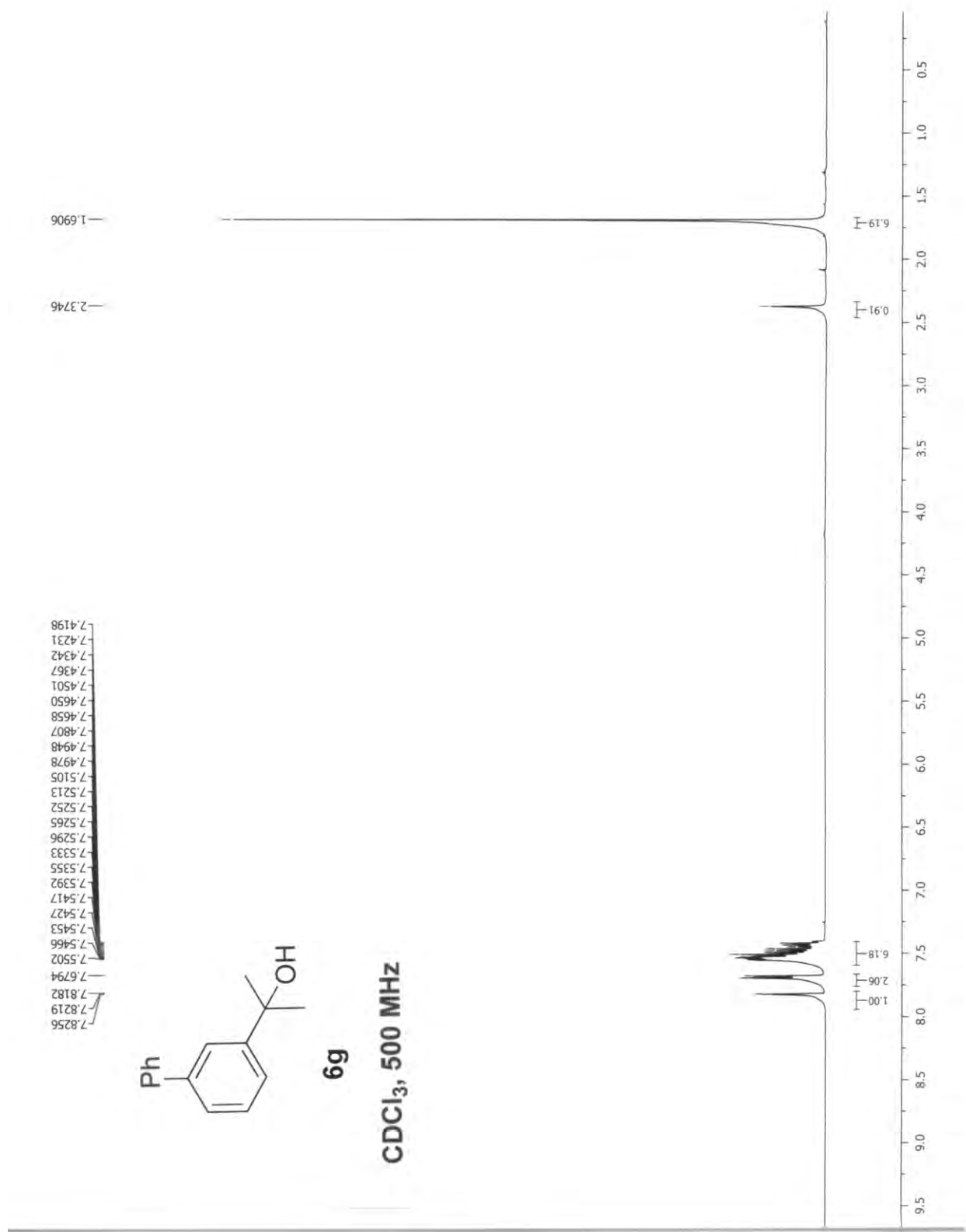


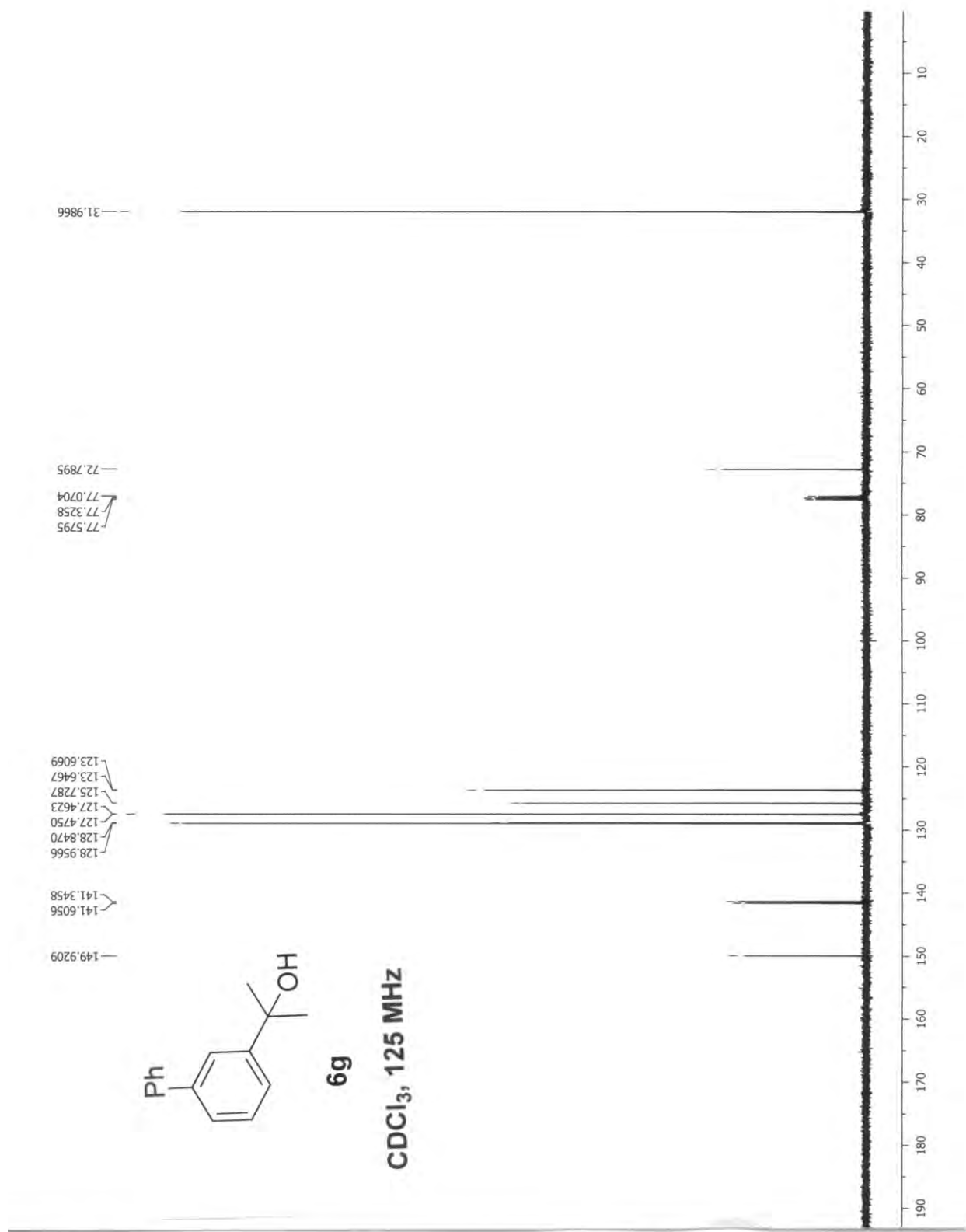




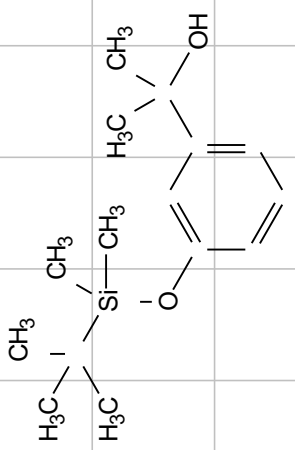
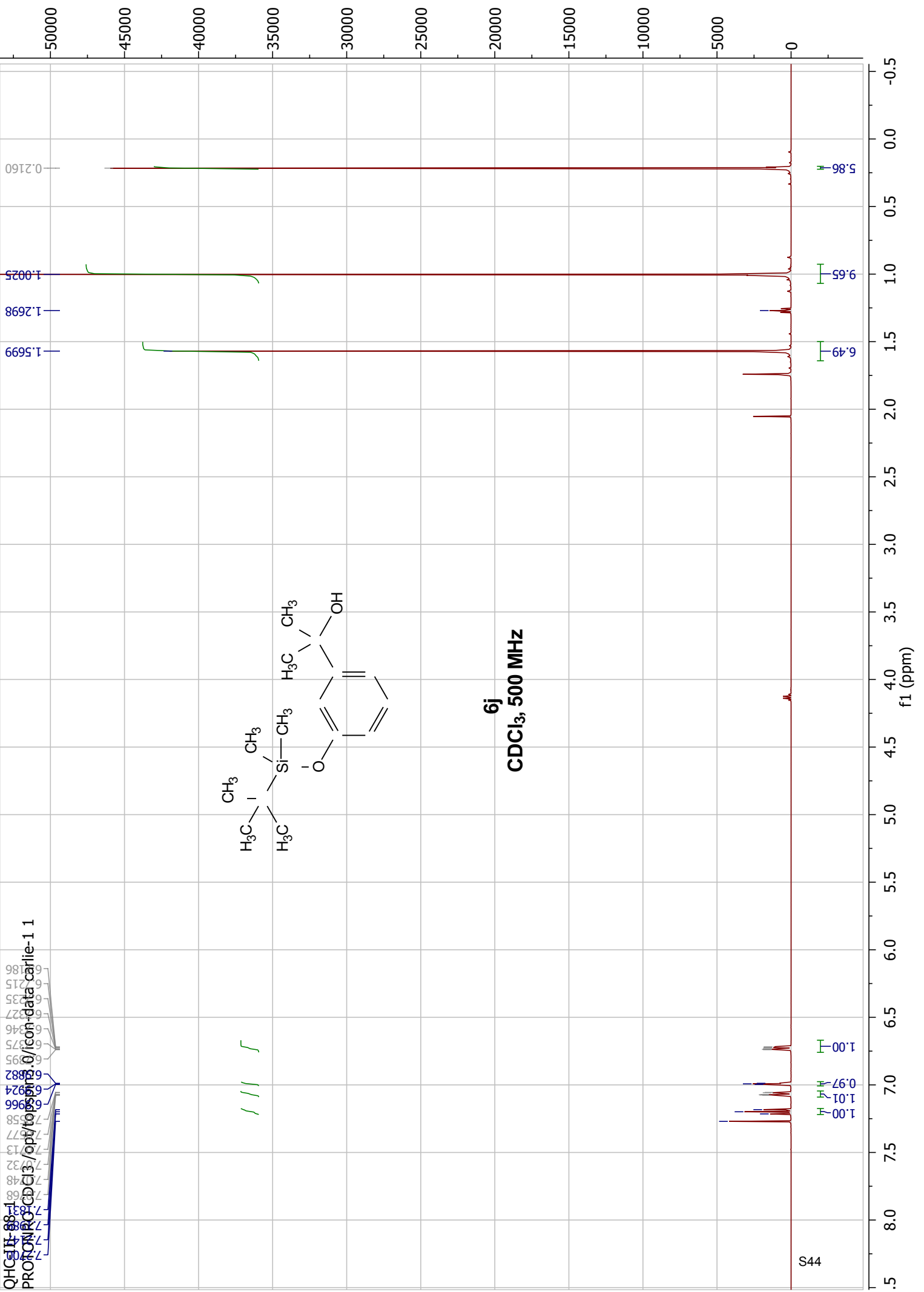




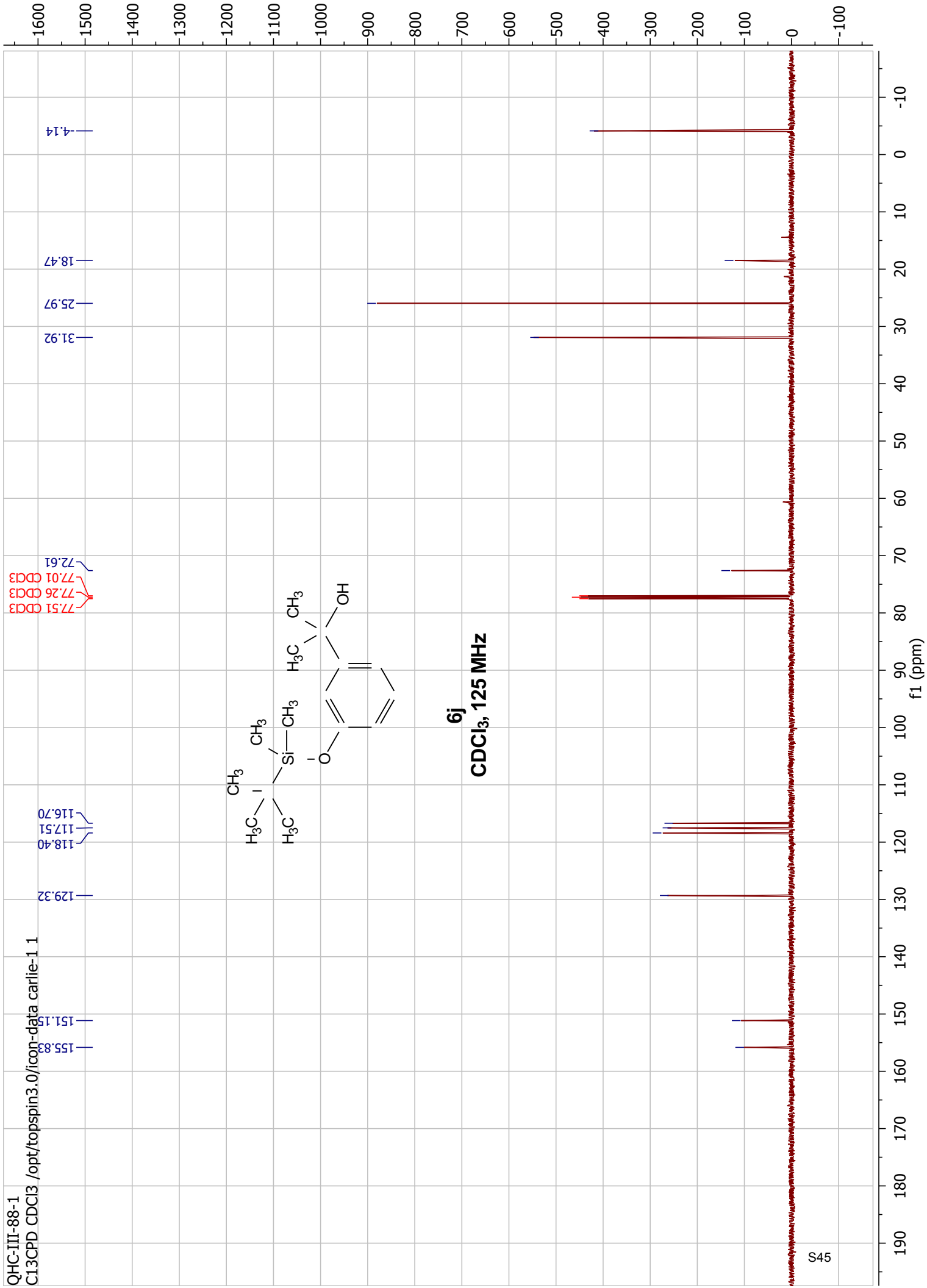




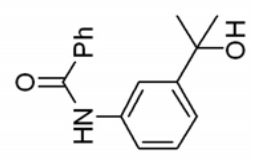
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PROTON RG-CDCl3 /opt/data/carlie-1 1



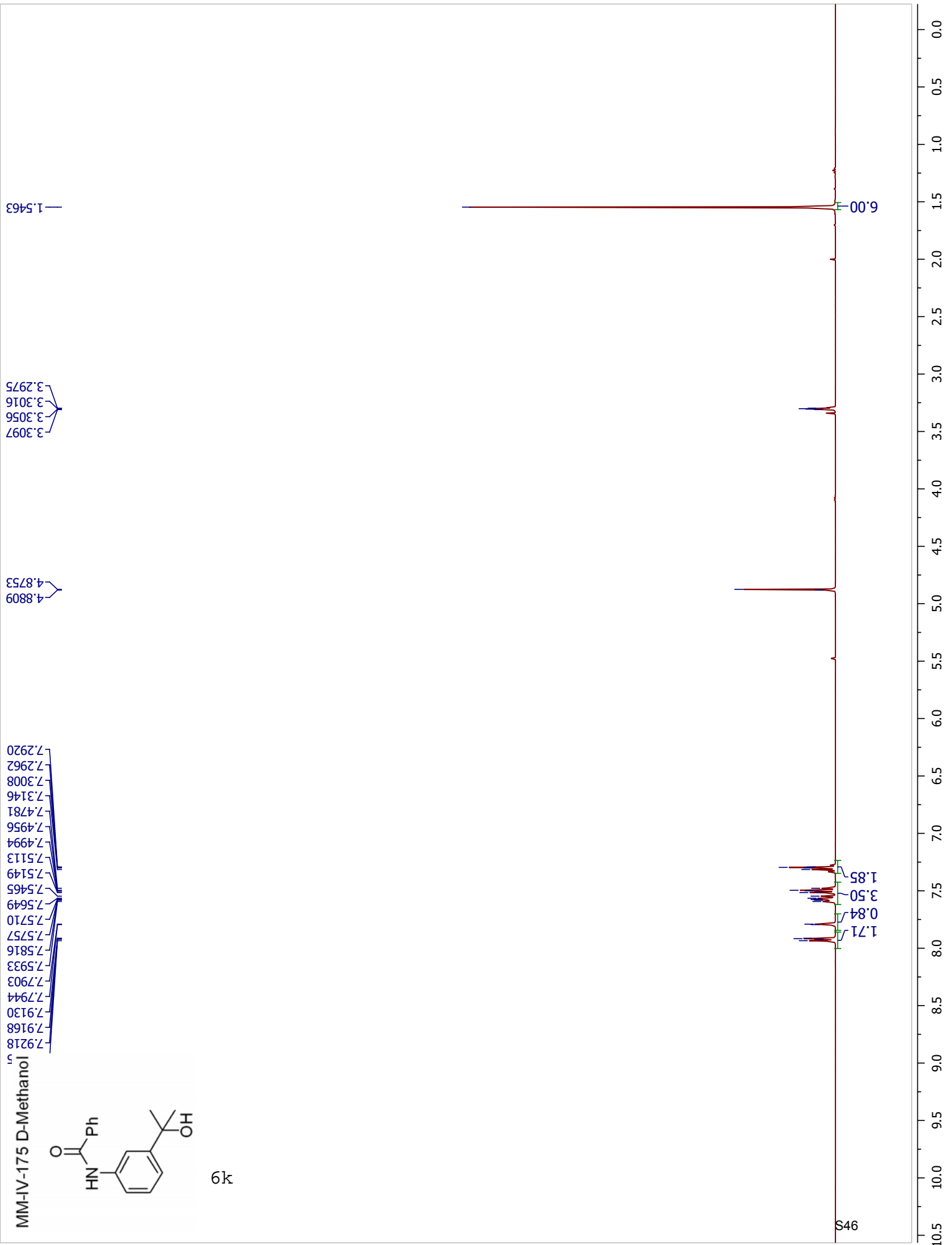
S44



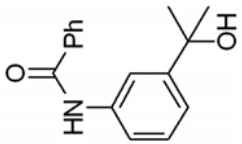
MM-HV-175 D-Methanol



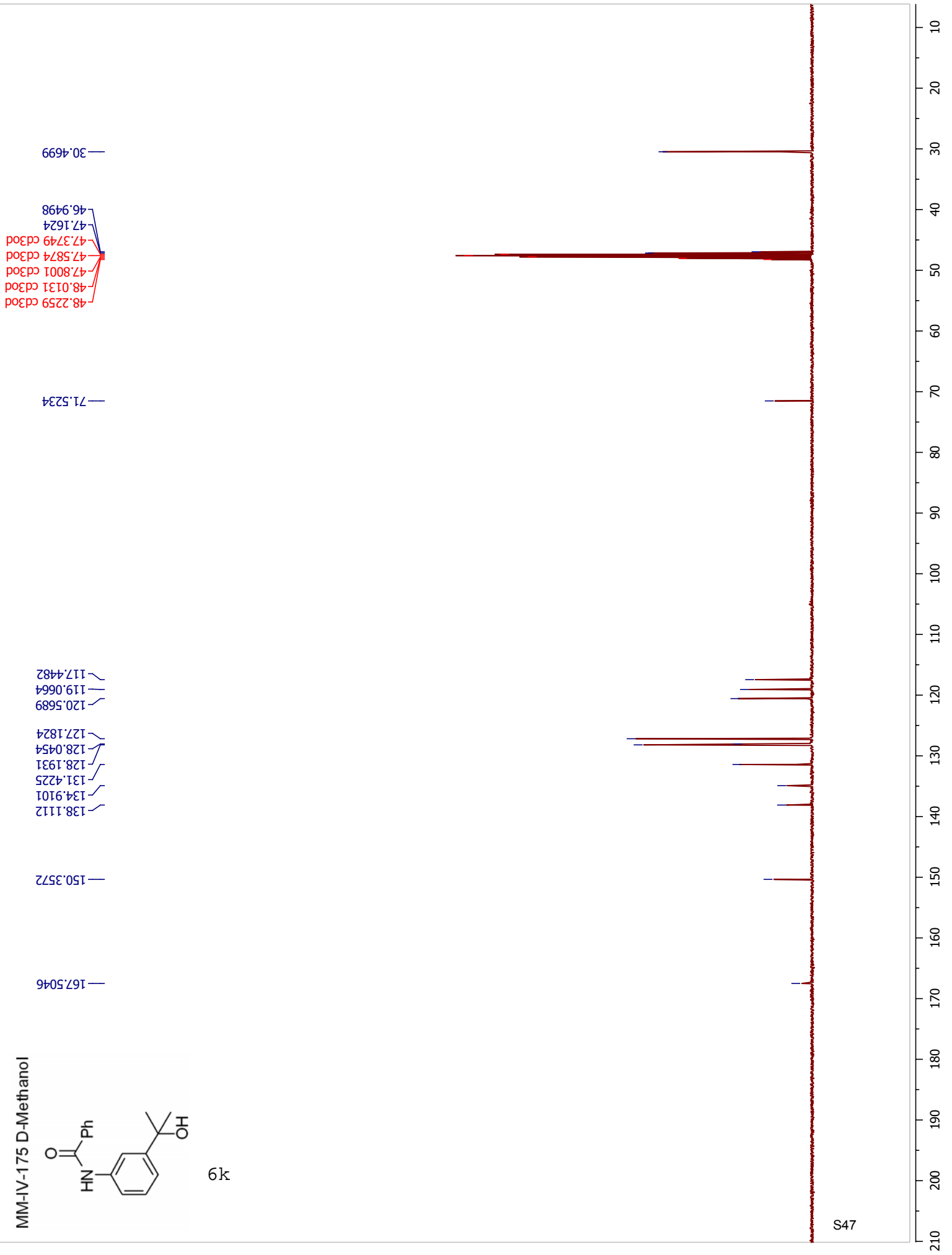
6k

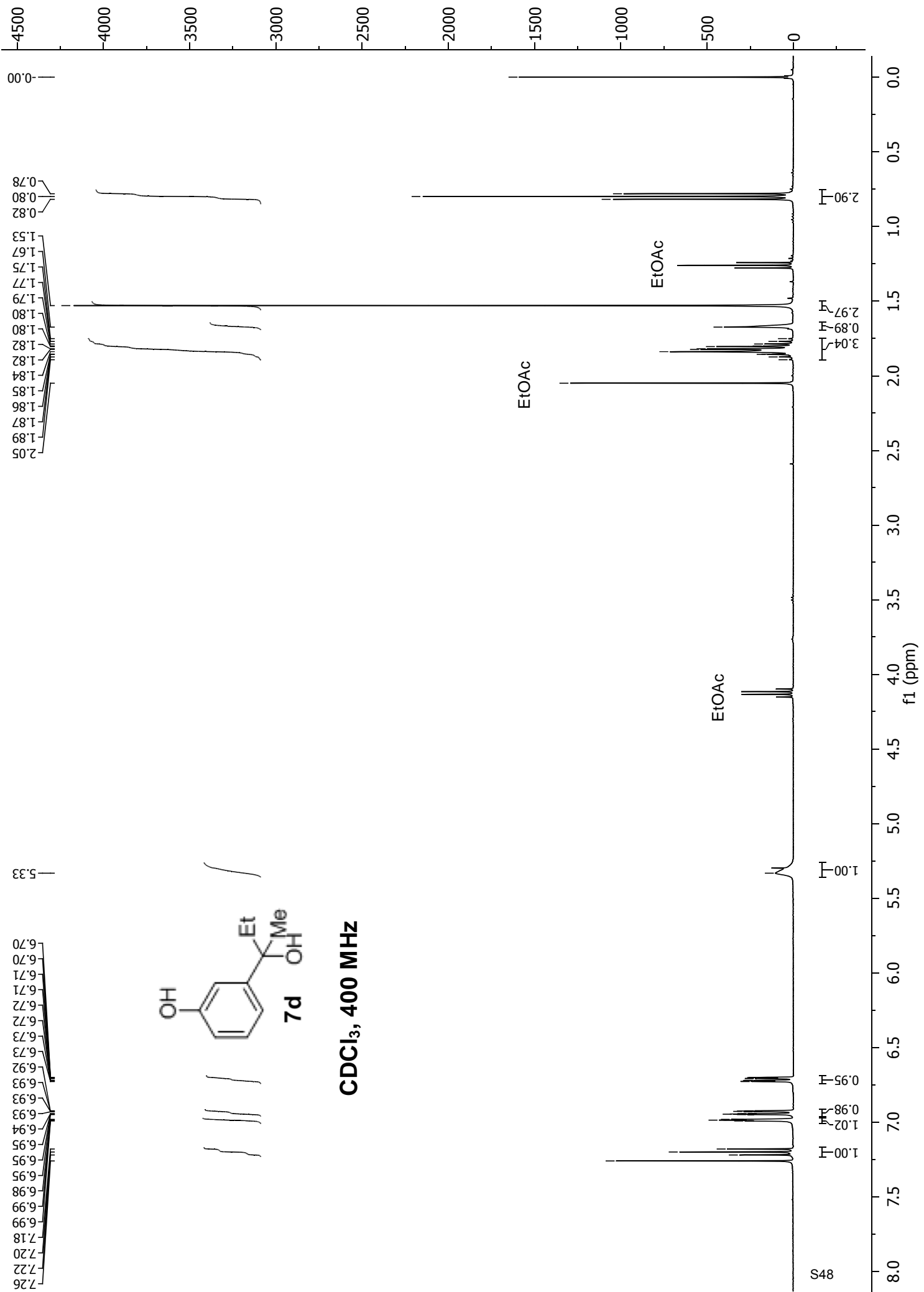


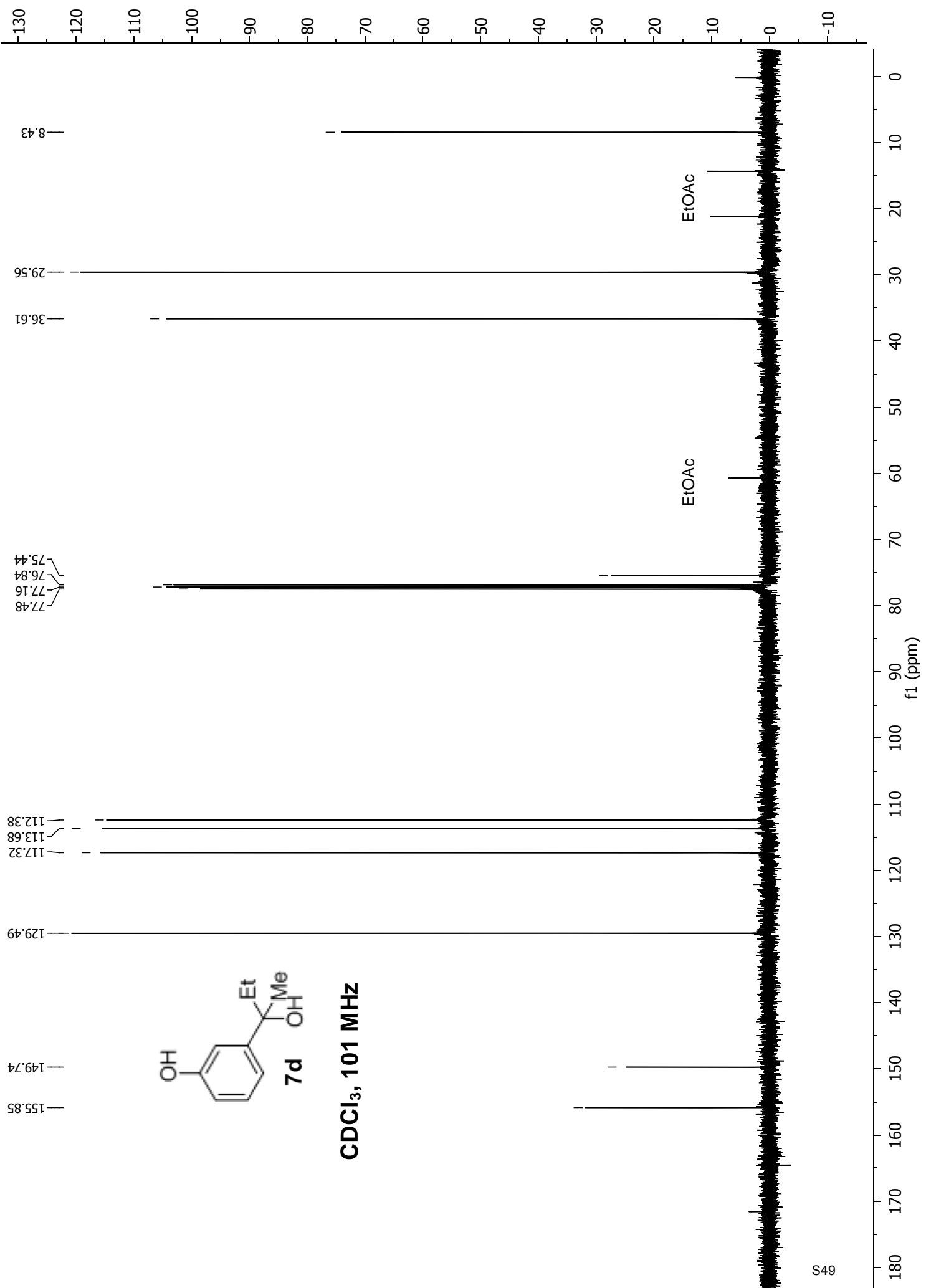
MM-IV-175 D-Methanol

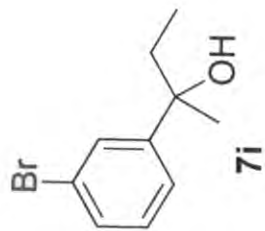


6k









CDCl₃, 125 MHz

1.9302
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 1.9025
 1.8208
 1.8063
 1.7917
 1.7774
 1.7632
 1.5054
 0.7918
 0.7769
 0.7620

7.5922
 7.5886
 7.5852
 7.3550
 7.3519
 7.3392
 7.3375
 7.3363
 7.3257
 7.3118
 7.3099
 7.1976
 7.1818
 7.1661

