

## Supporting Information

### Synthesis of enantiopure glycidol derivatives via a one-pot two-step enzymatic cascade

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- **Table S1** Bioreduction of 1-phenylprop-2-en-1-one (**1a**) with S-specific ketoreductases
- <sup>1</sup>H NMR Spectra
- Chiral HPLC

**Table S1** Bioreduction of 1-phenylprop-2-en-1-one (**1a**) with S-specific ketoreductases.

Entry	Enzyme	Conv. (%)	ee (%)
1	<i>Ch</i> KRED03	99 ± 1	> 99
2	<i>Ch</i> KRED11	84 ± 1	> 99
3	<i>Ch</i> KRED13	52 ± 1	0
4	<i>Ch</i> KRED14	41 ± 2	90
5	<i>Ch</i> KRED15	60 ± 2	> 99
6	<i>Ch</i> KRED26	15 ± 1	0

## **<sup>1</sup>H NMR Spectra**

**1b-14b**

**1c-14c**

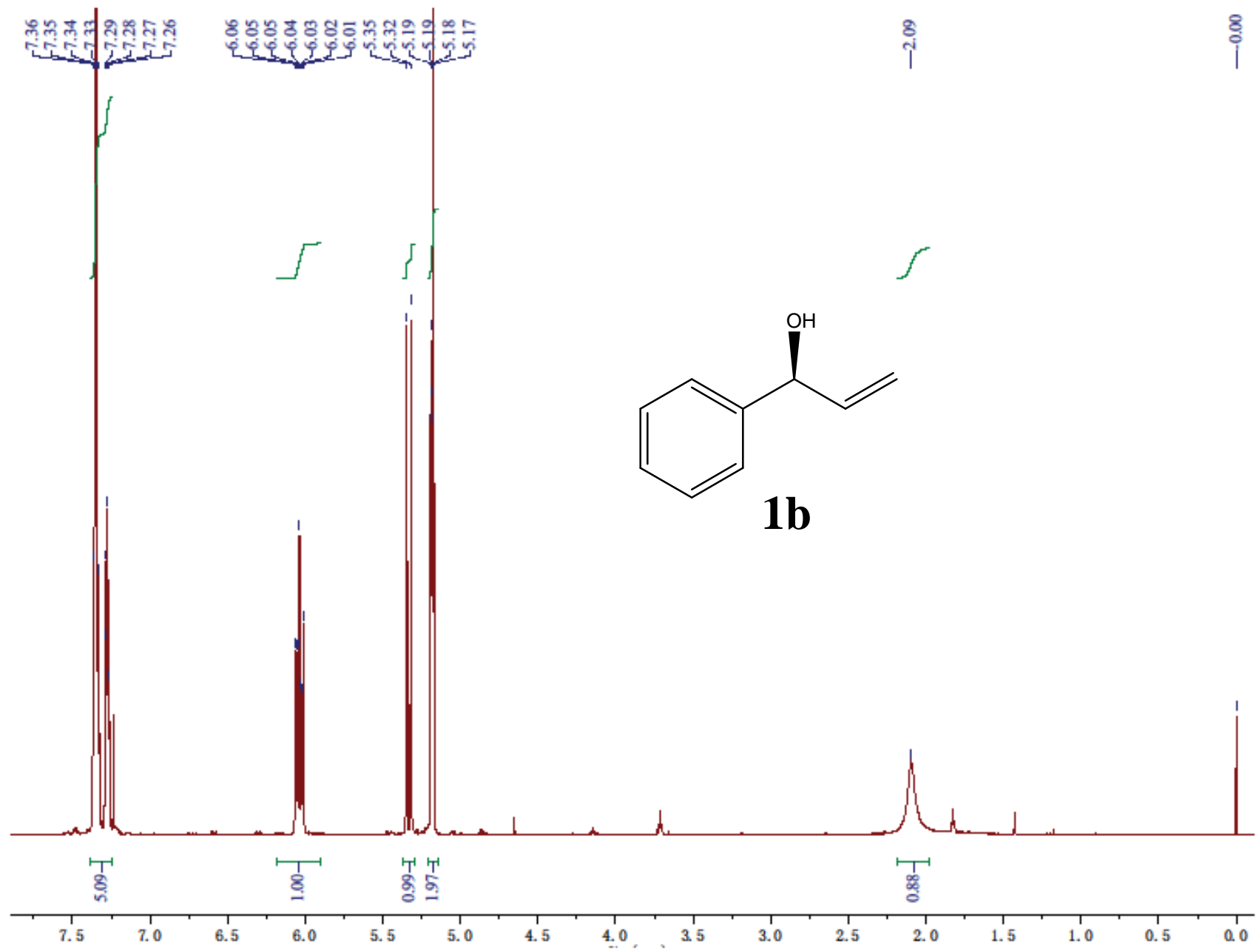
**6d**

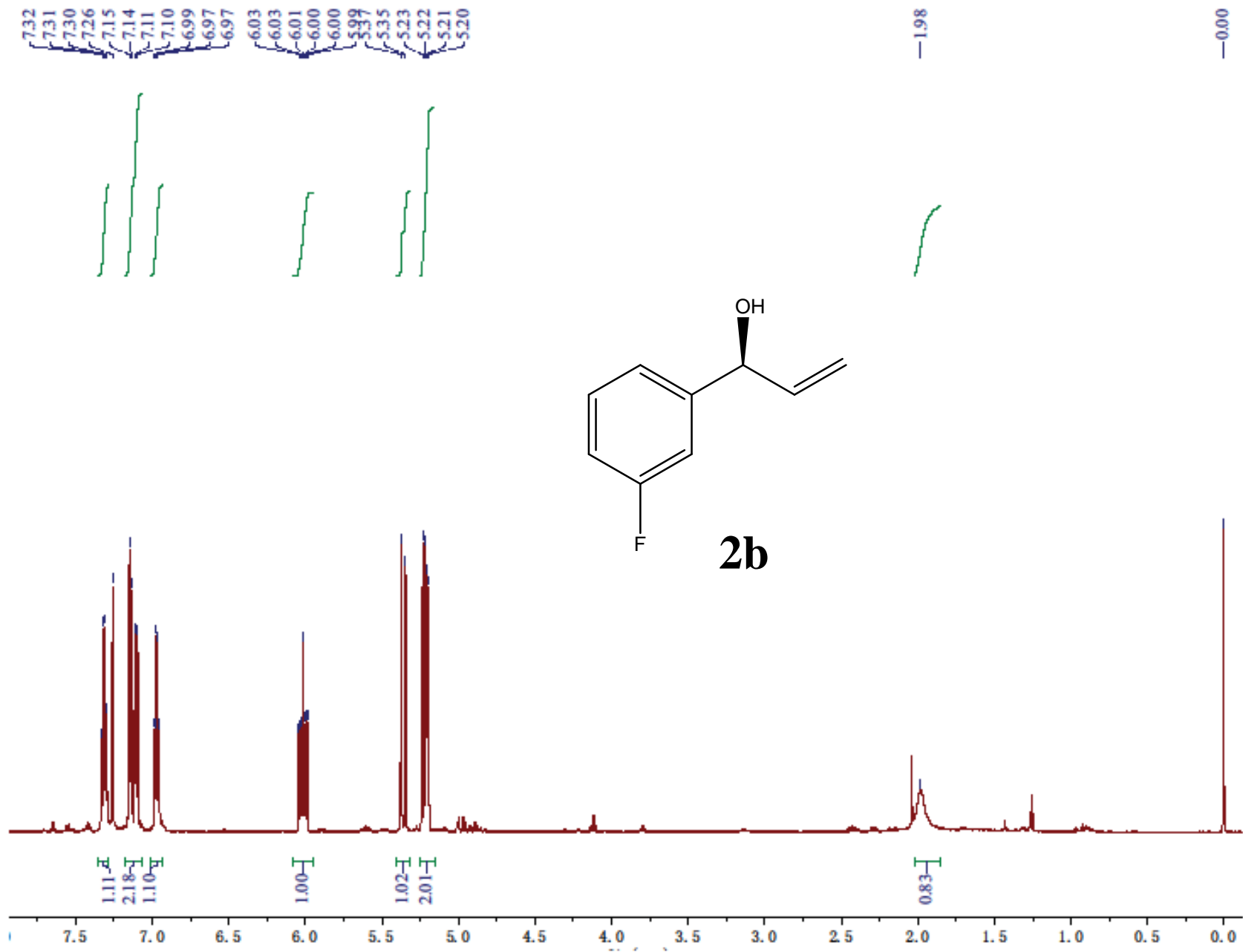
**14d**

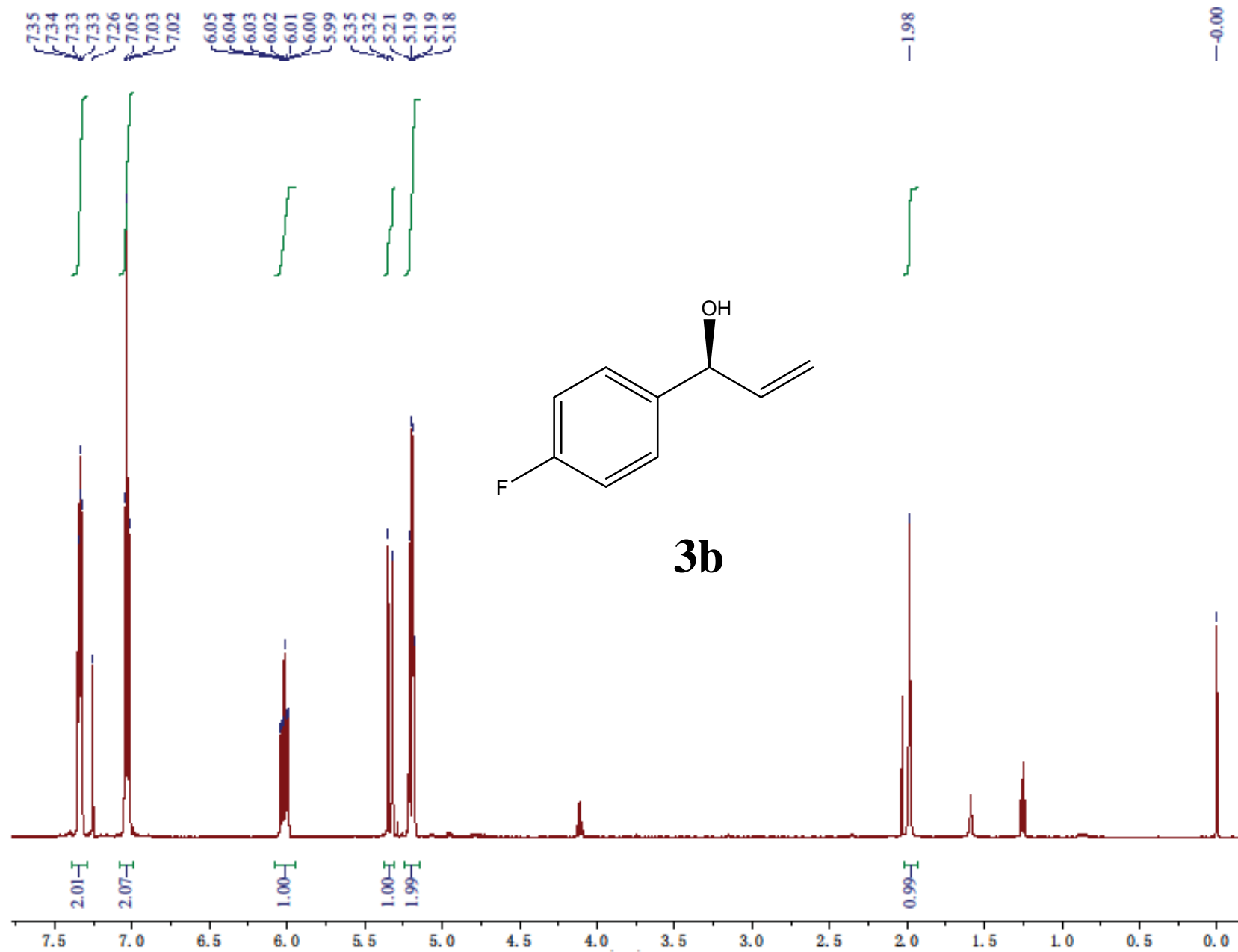
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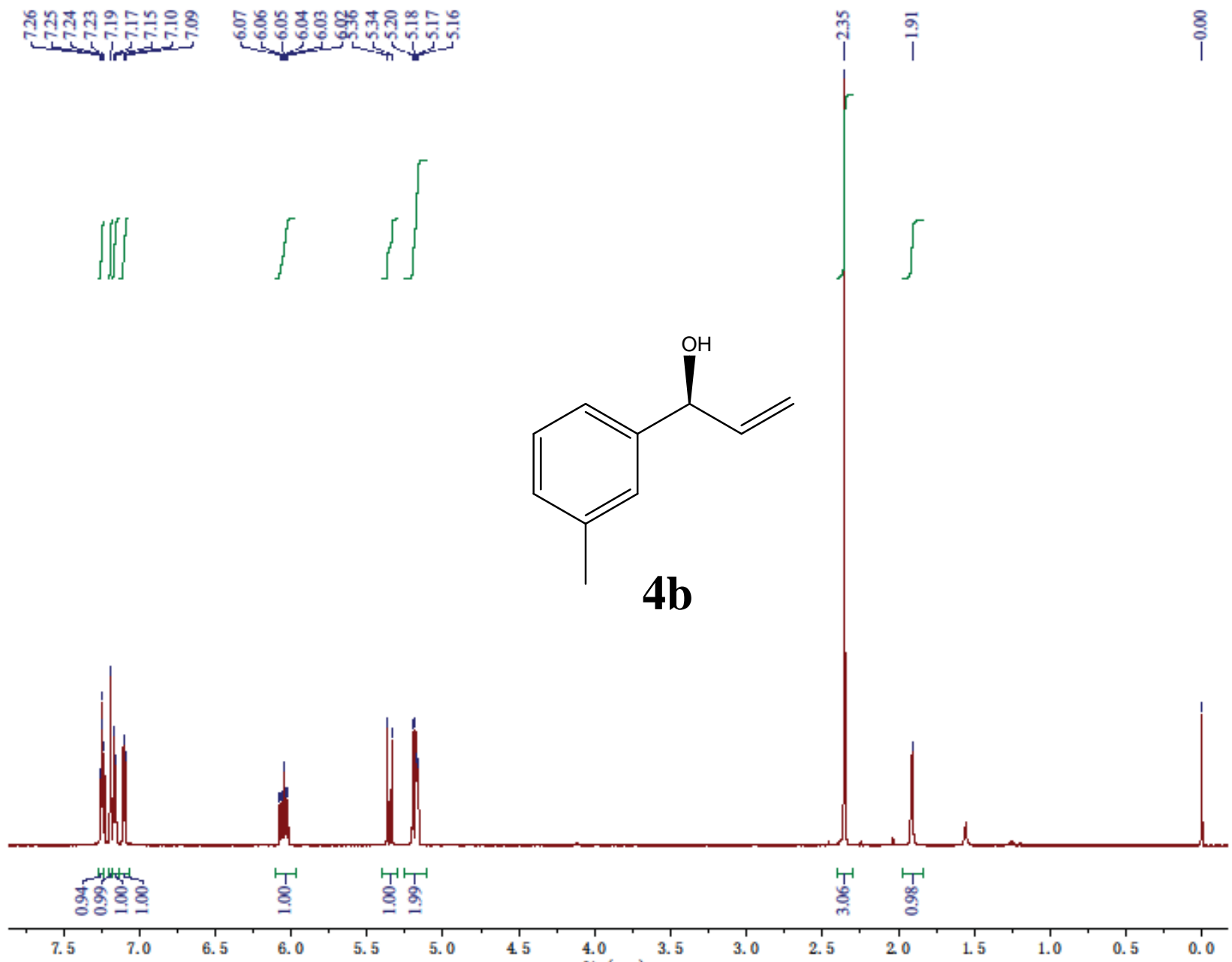
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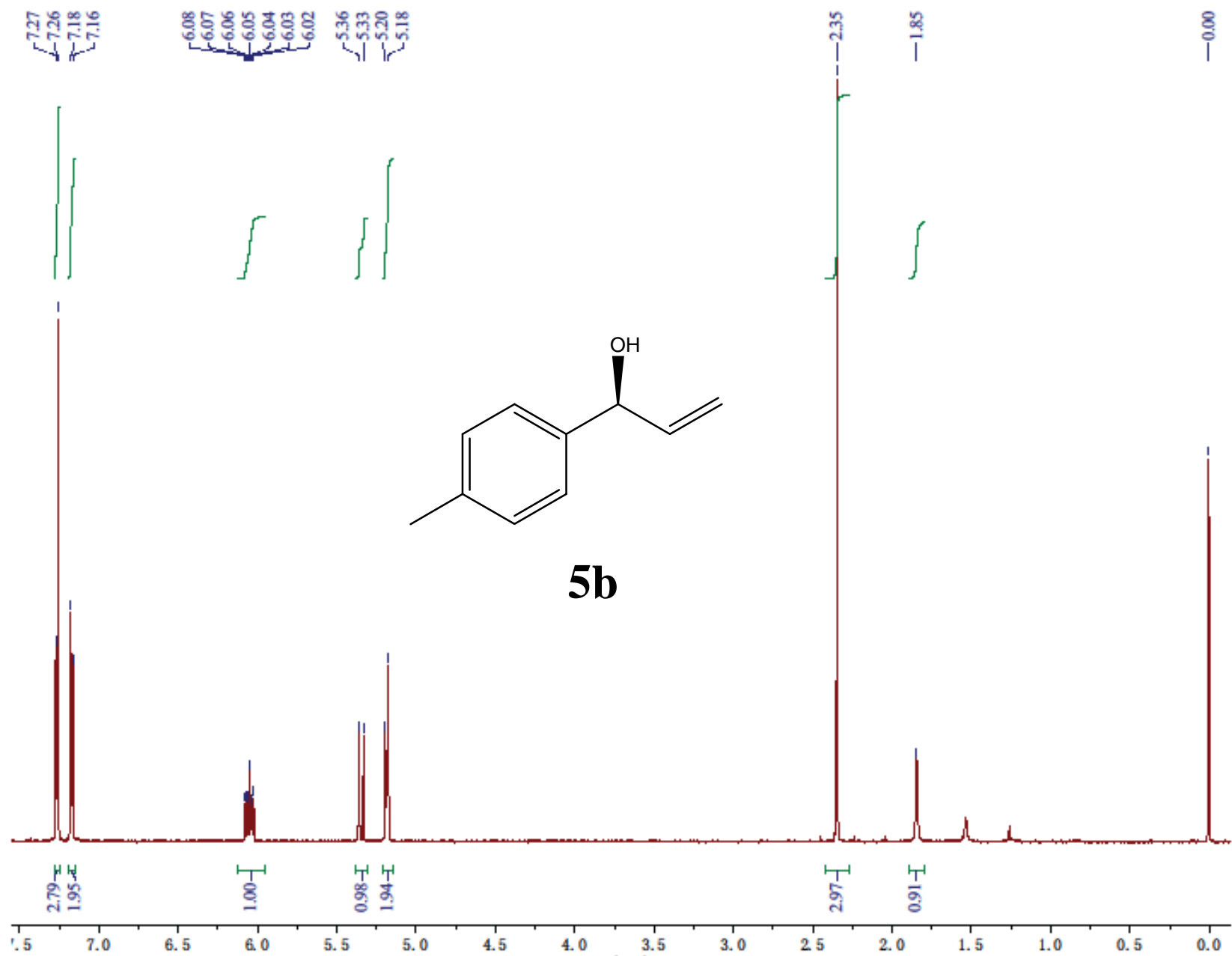
**1c-14c**



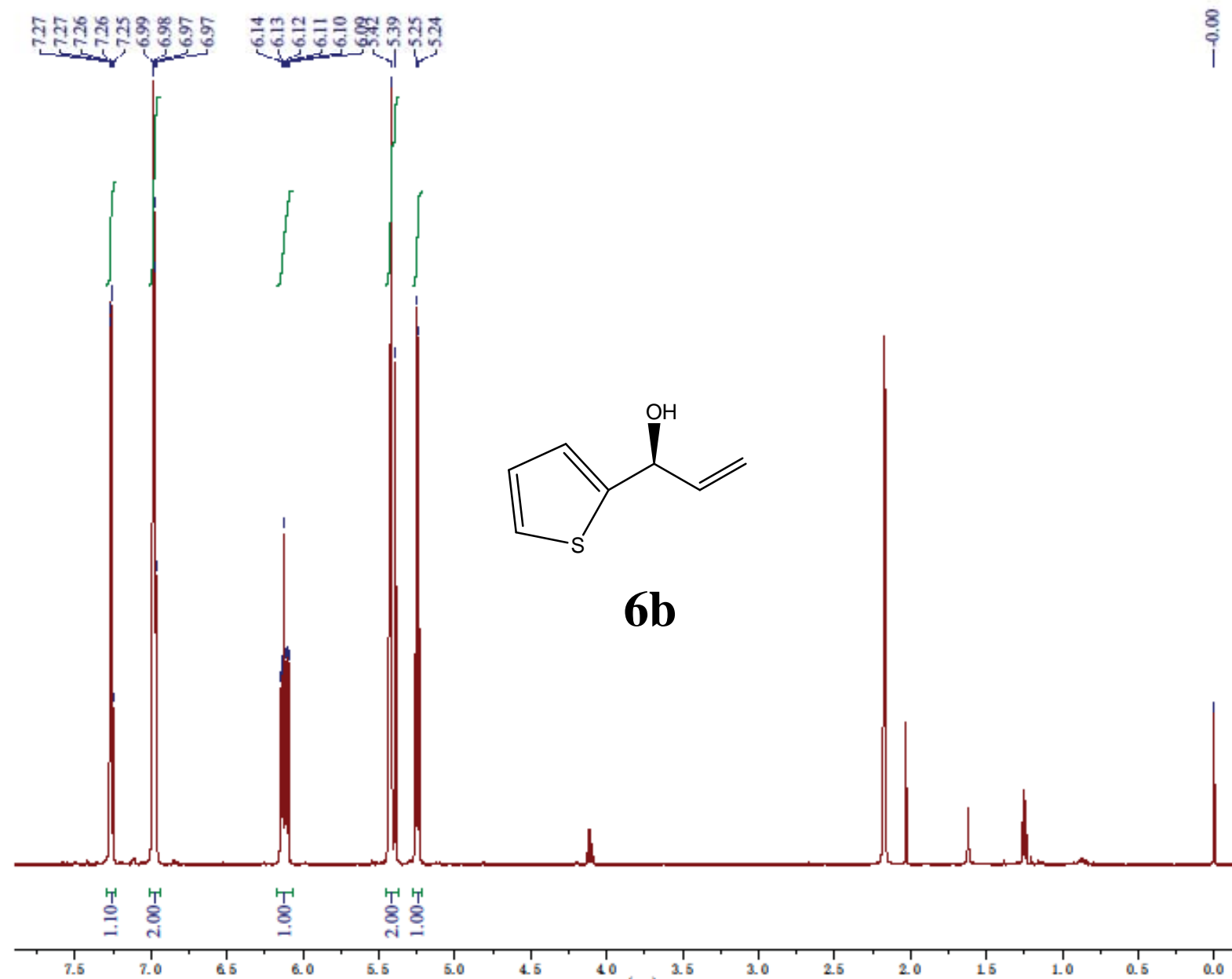


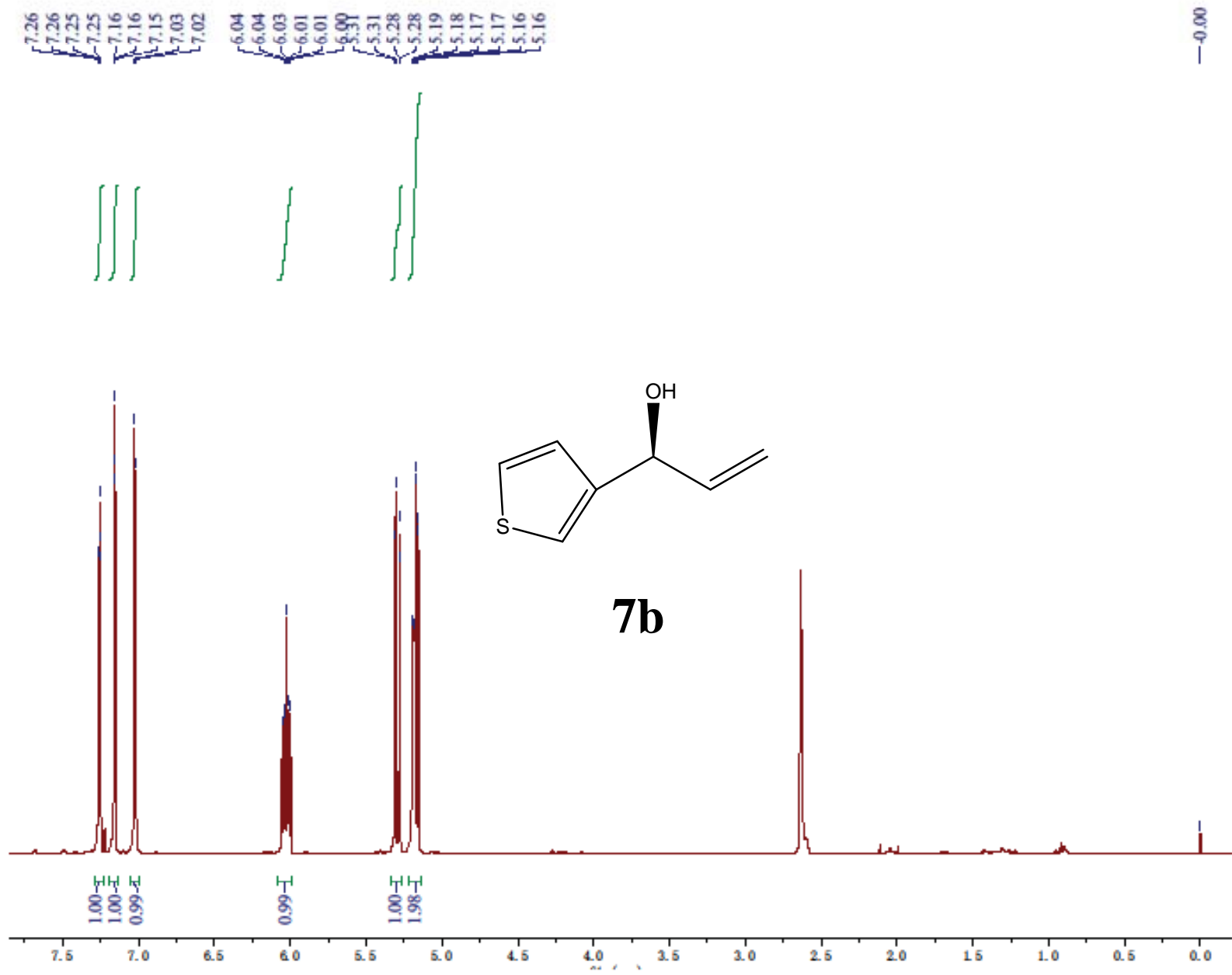


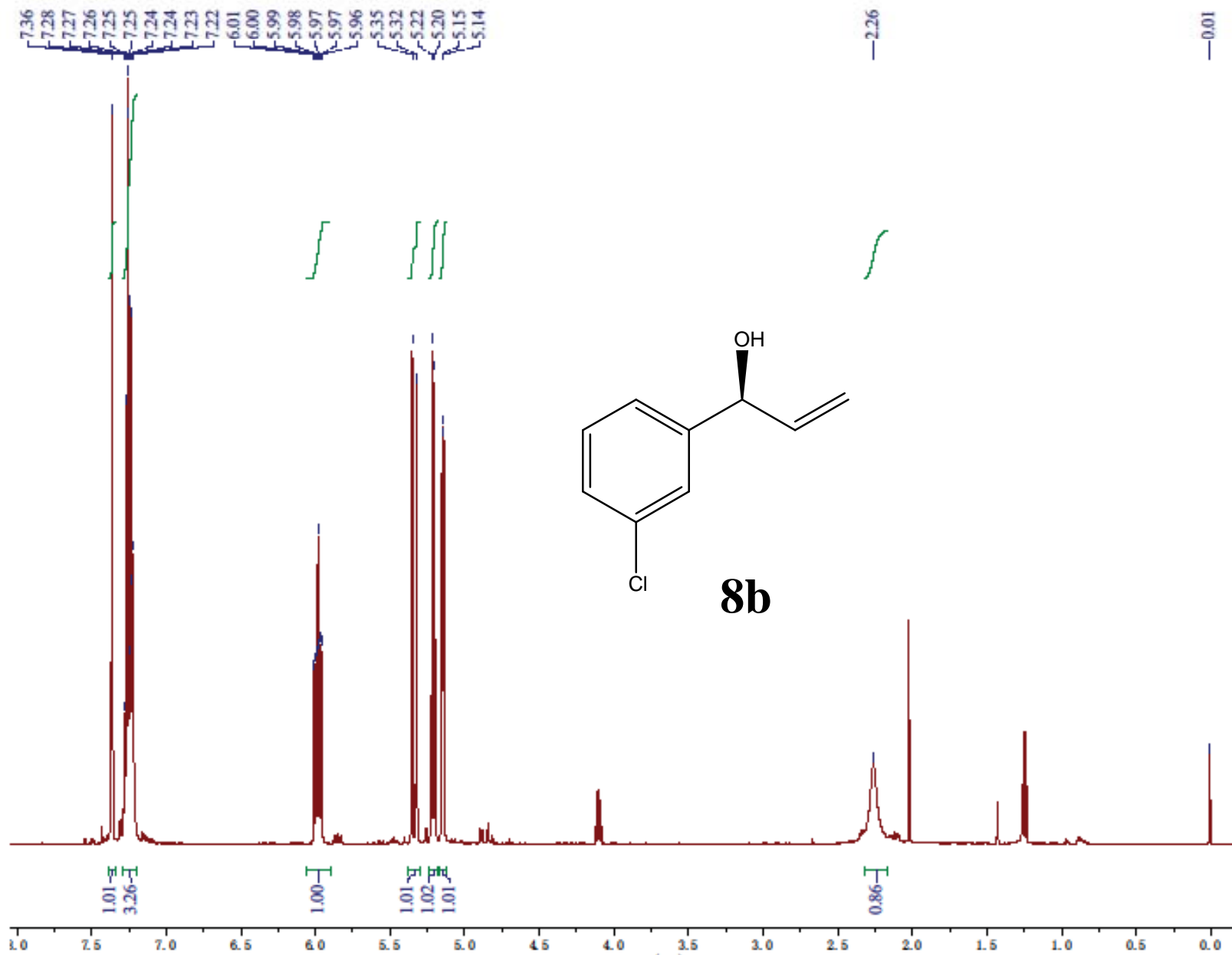


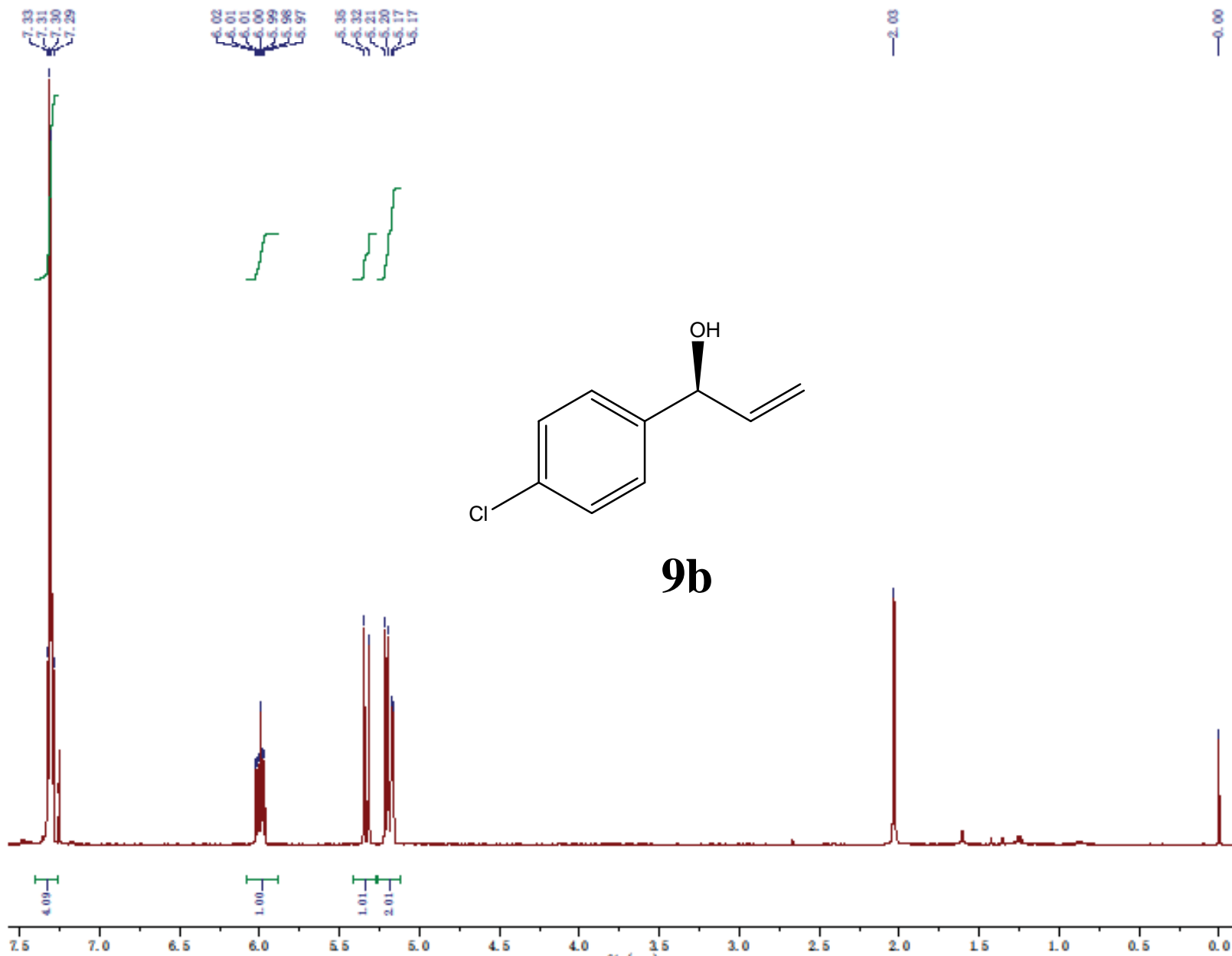


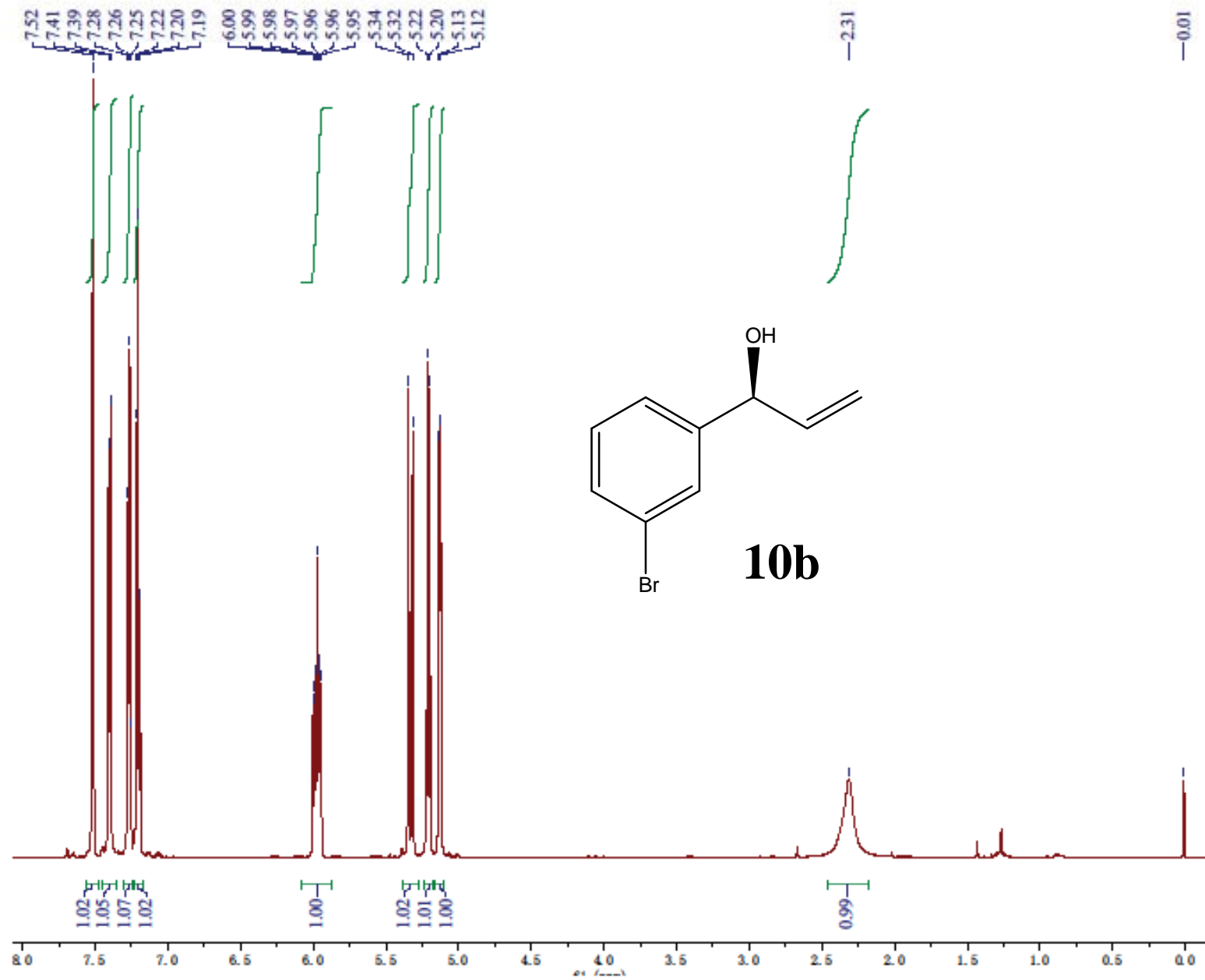


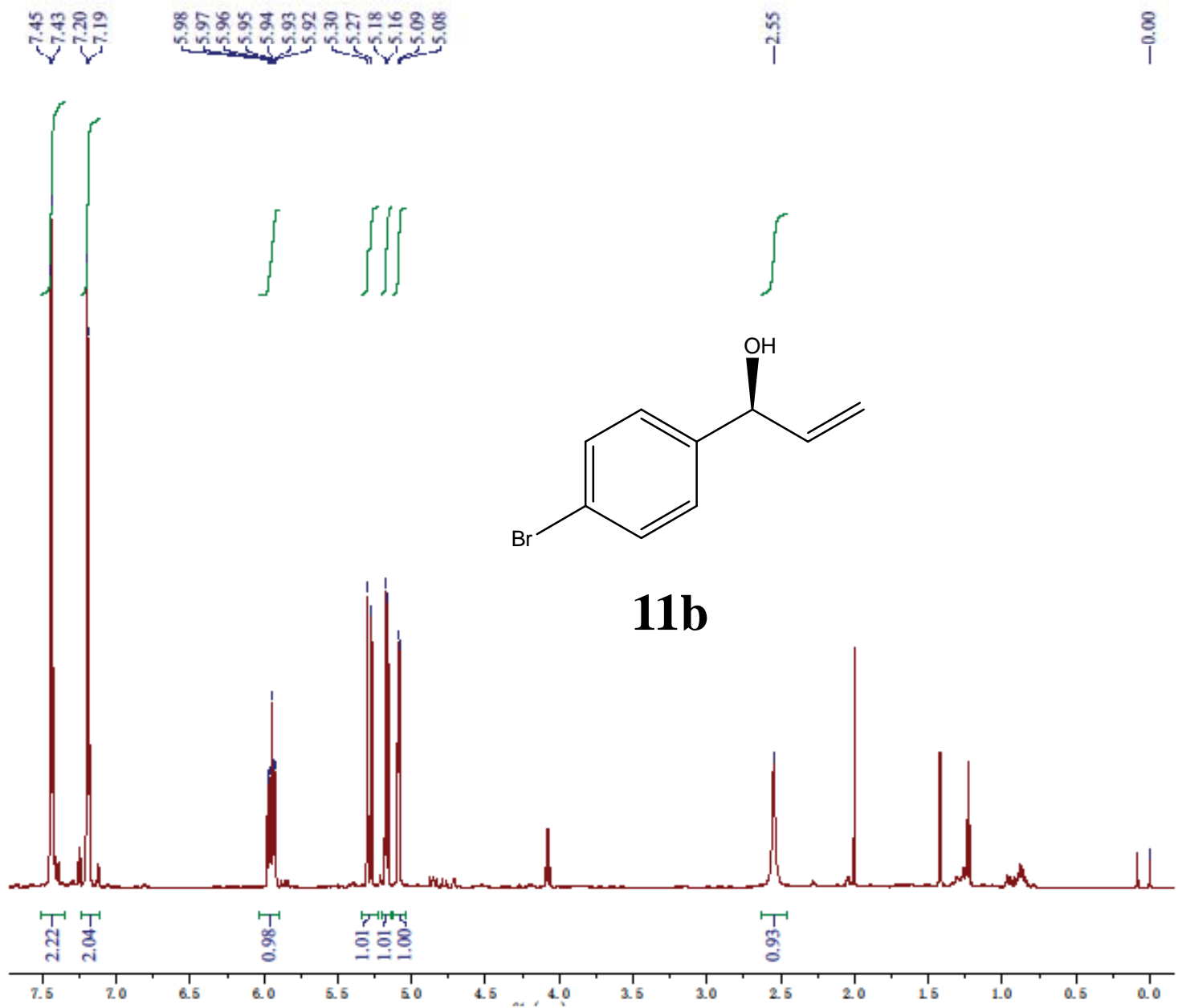


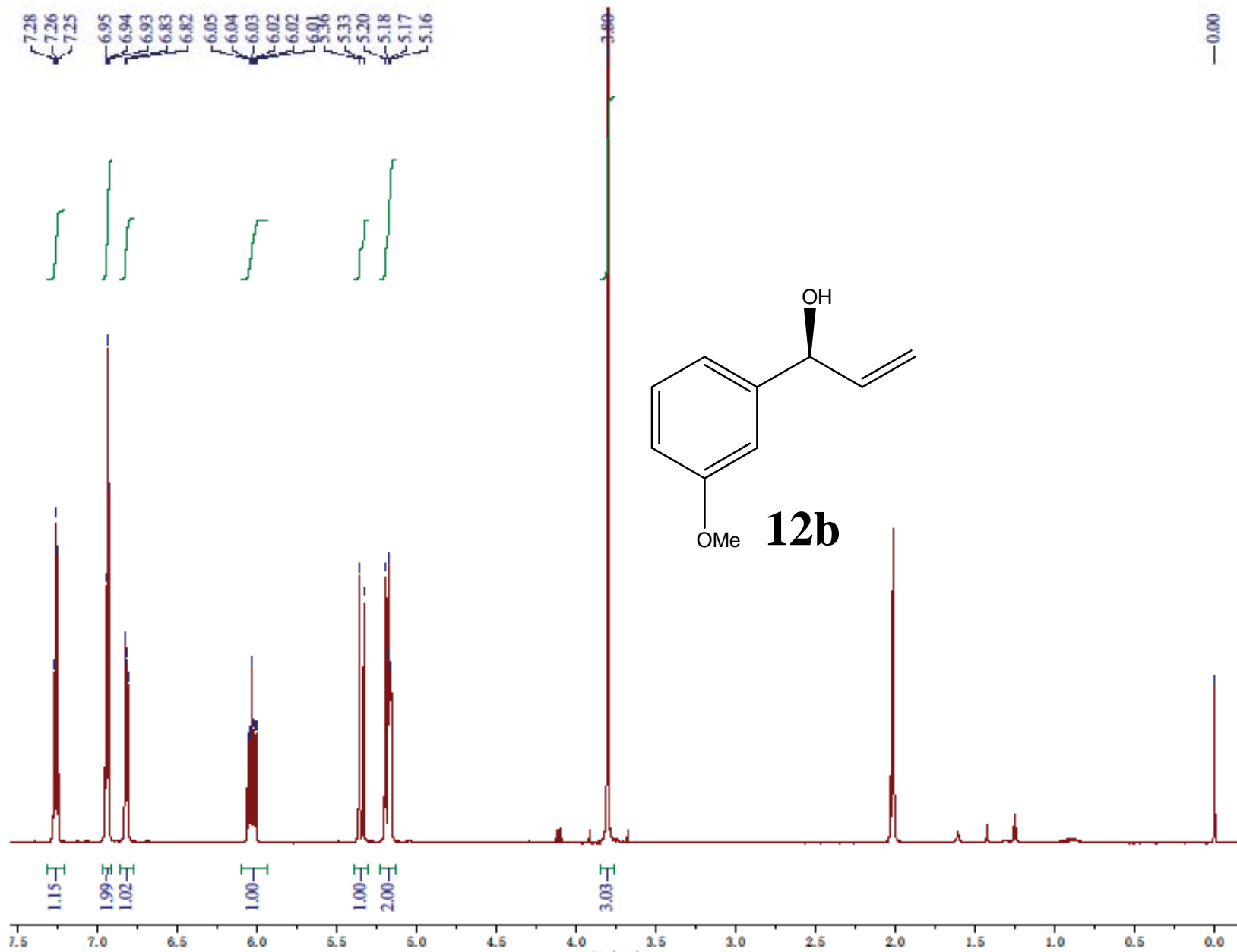


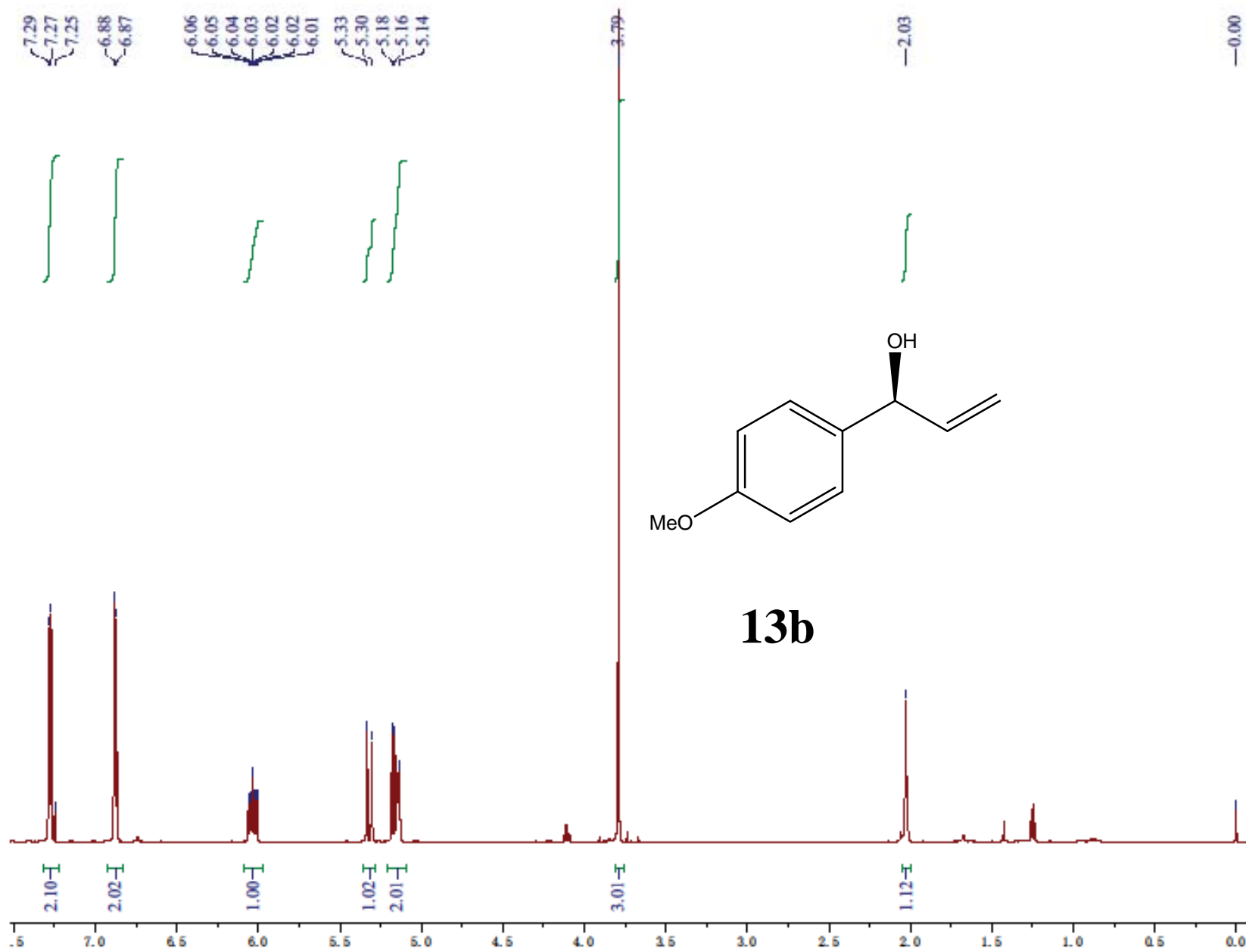




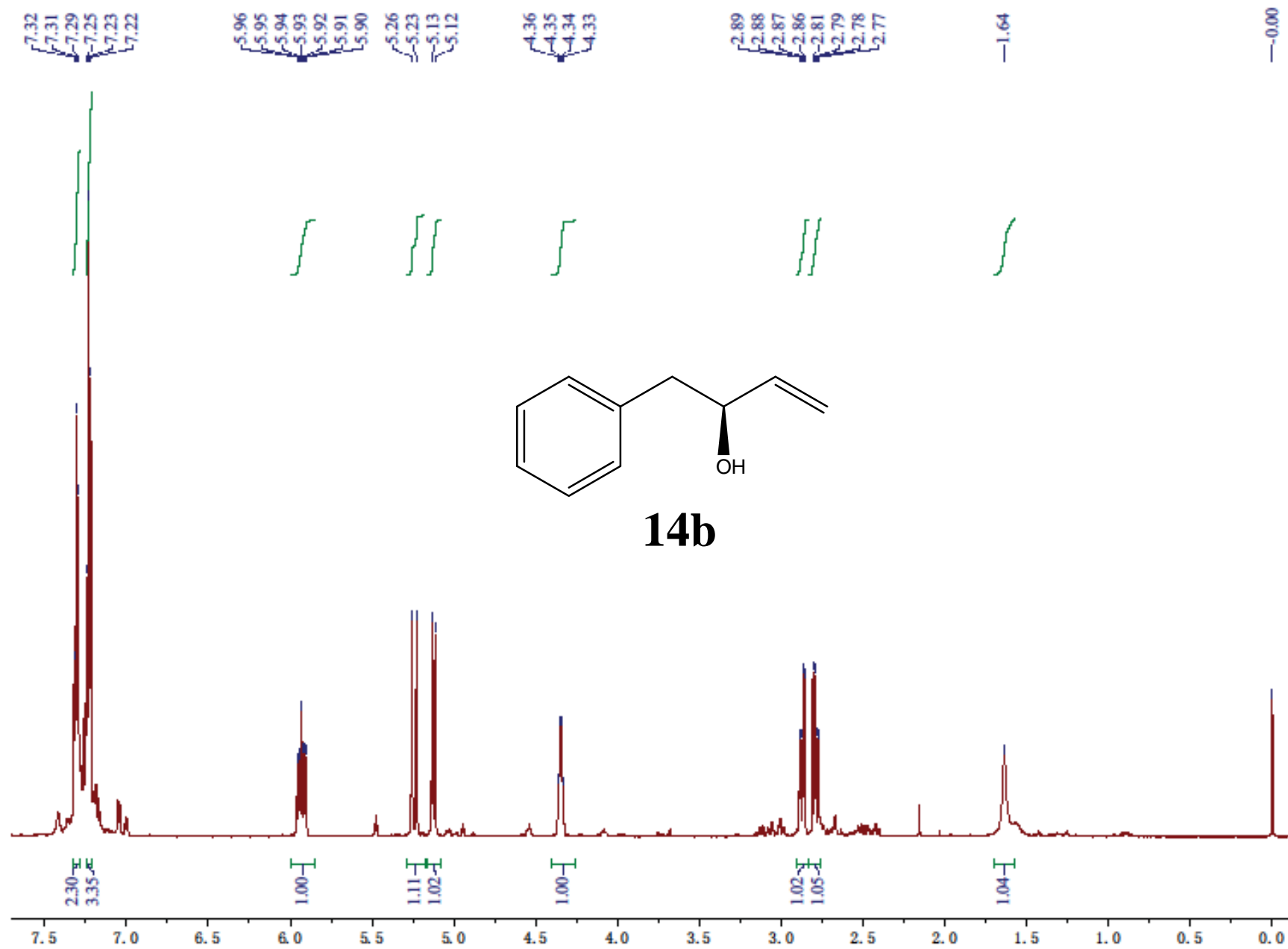


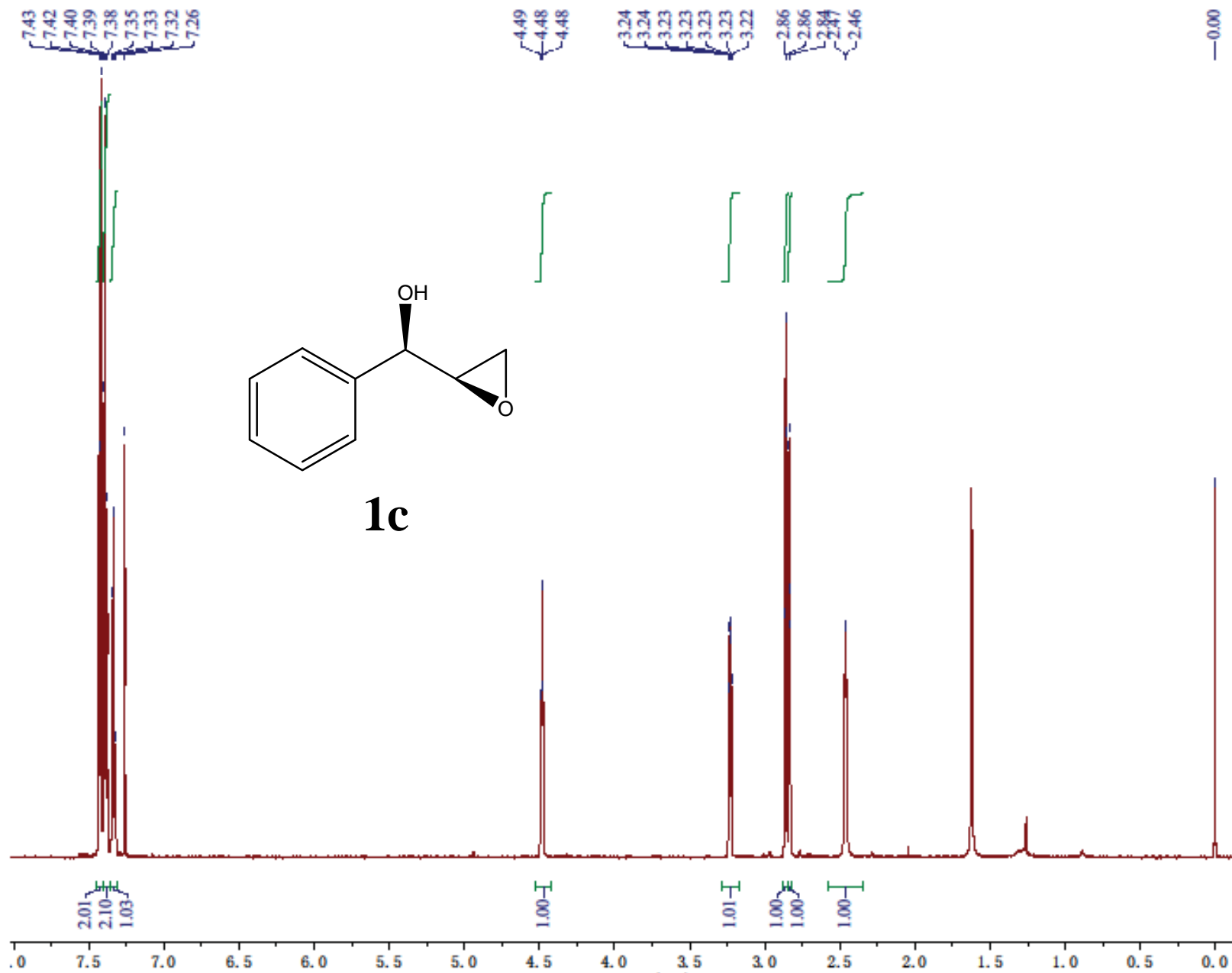


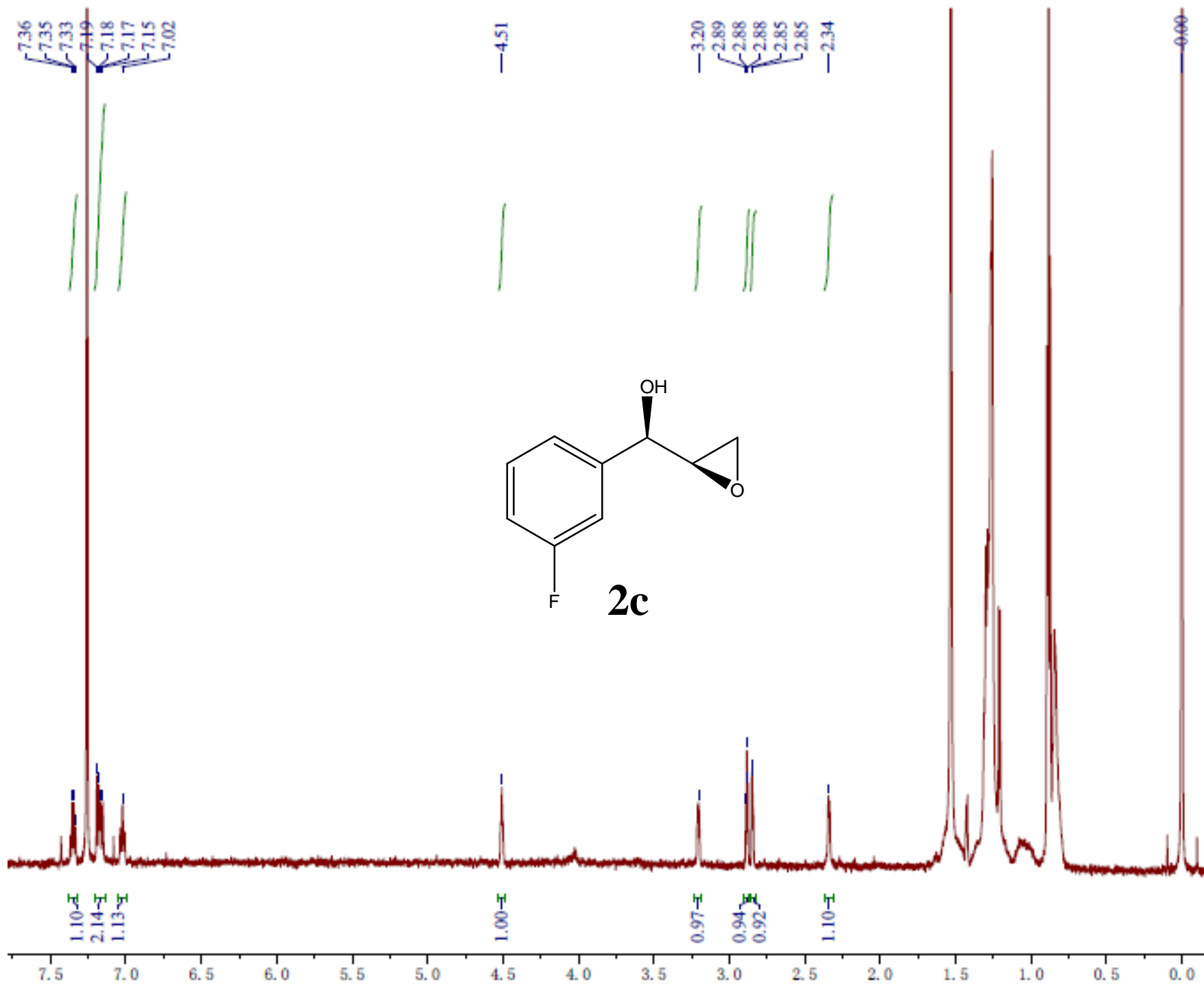












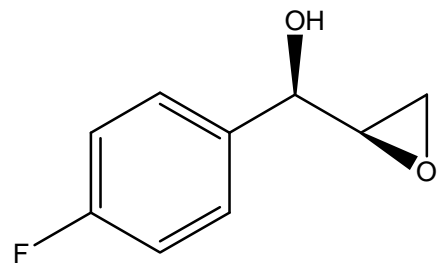
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7.41  
7.40  
7.39  
7.26  
7.09  
7.07  
7.06

4.49  
4.48

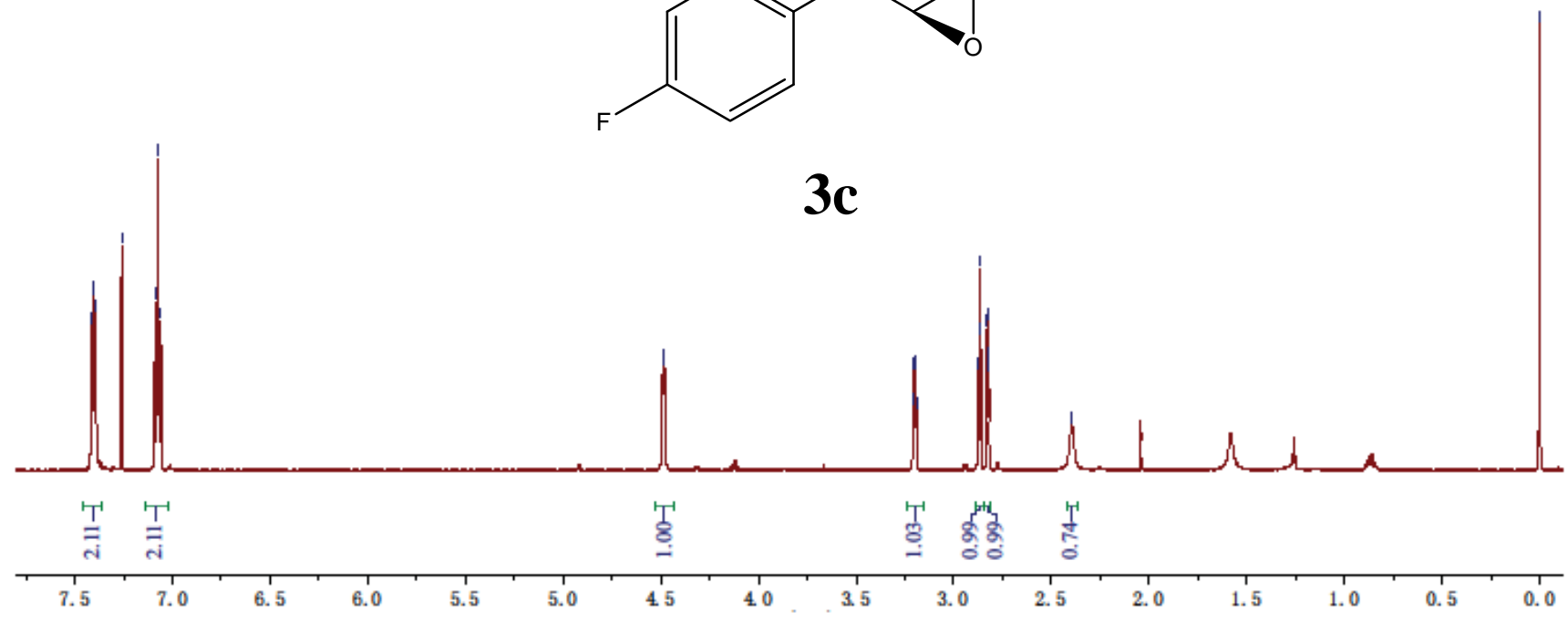
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3.20  
3.20  
3.20  
3.20  
3.19

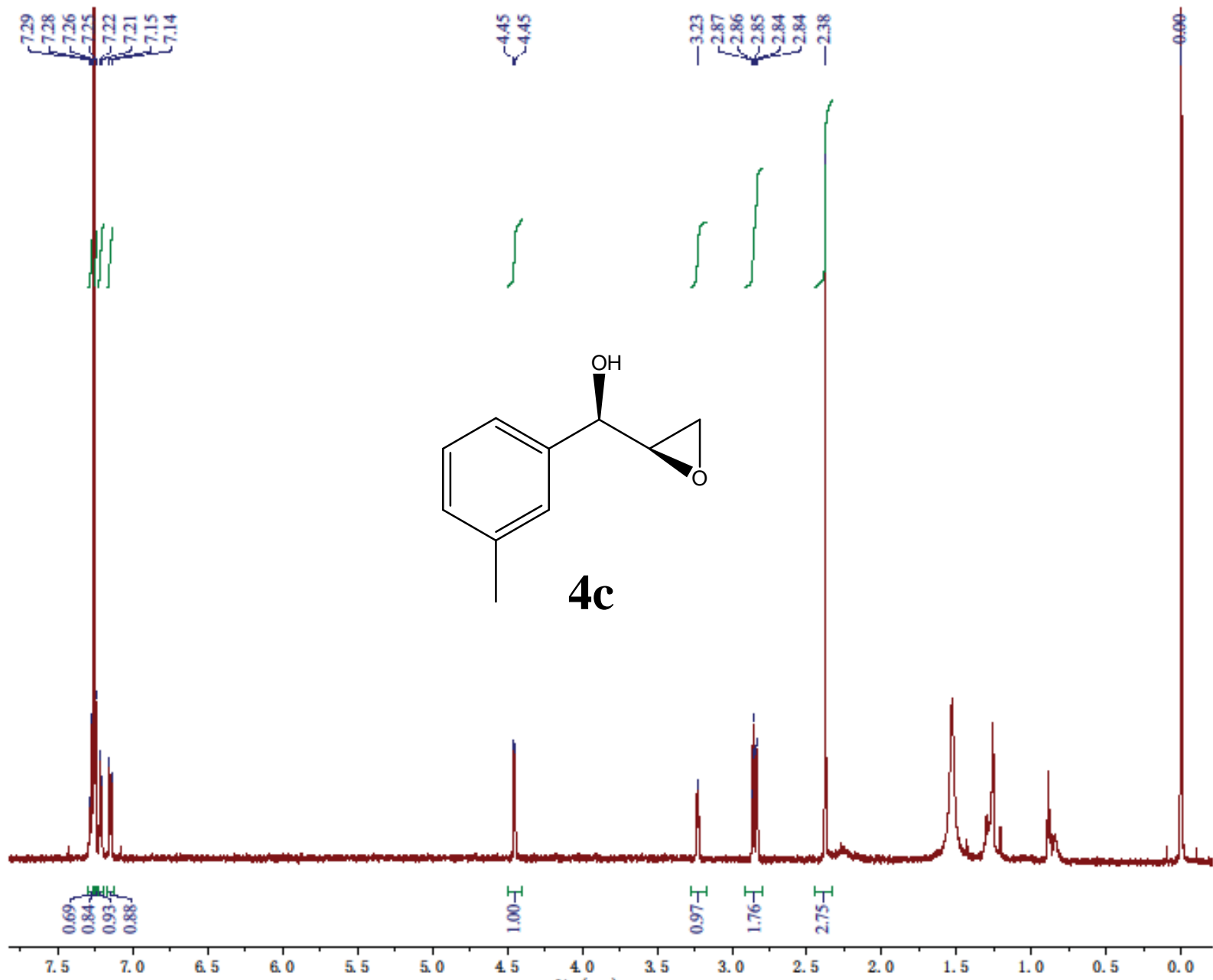
2.87  
2.86  
2.83  
2.83  
2.80

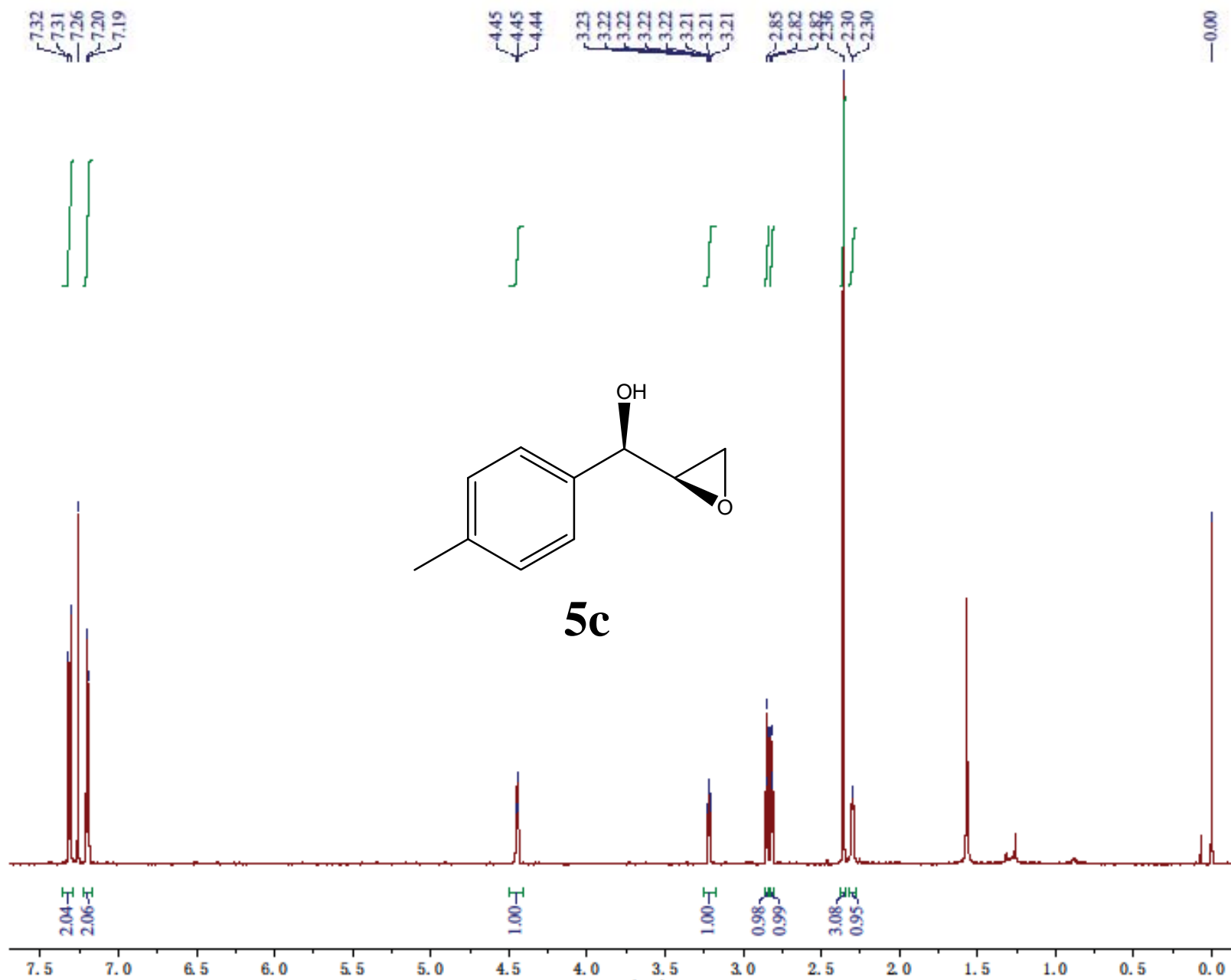
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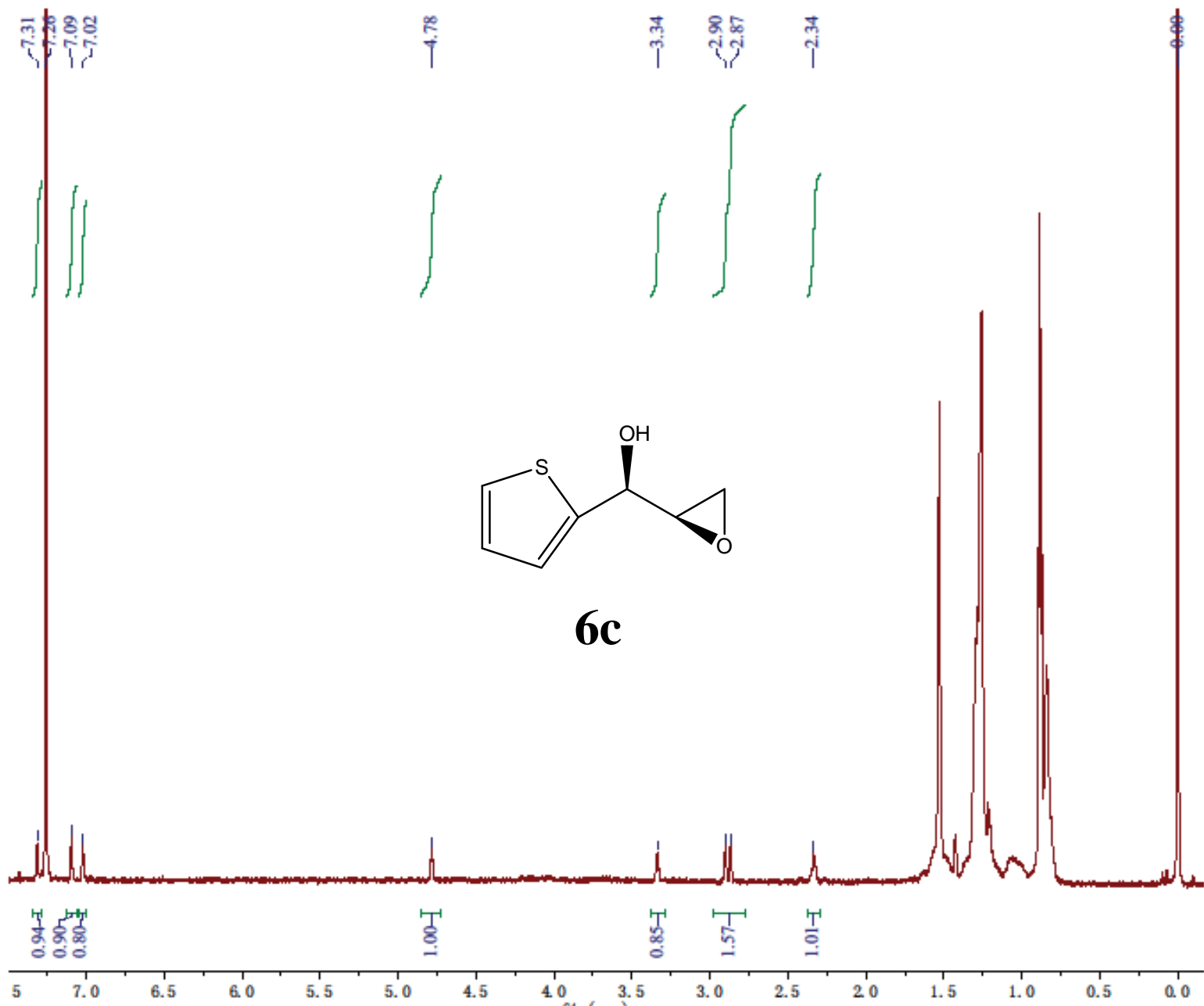


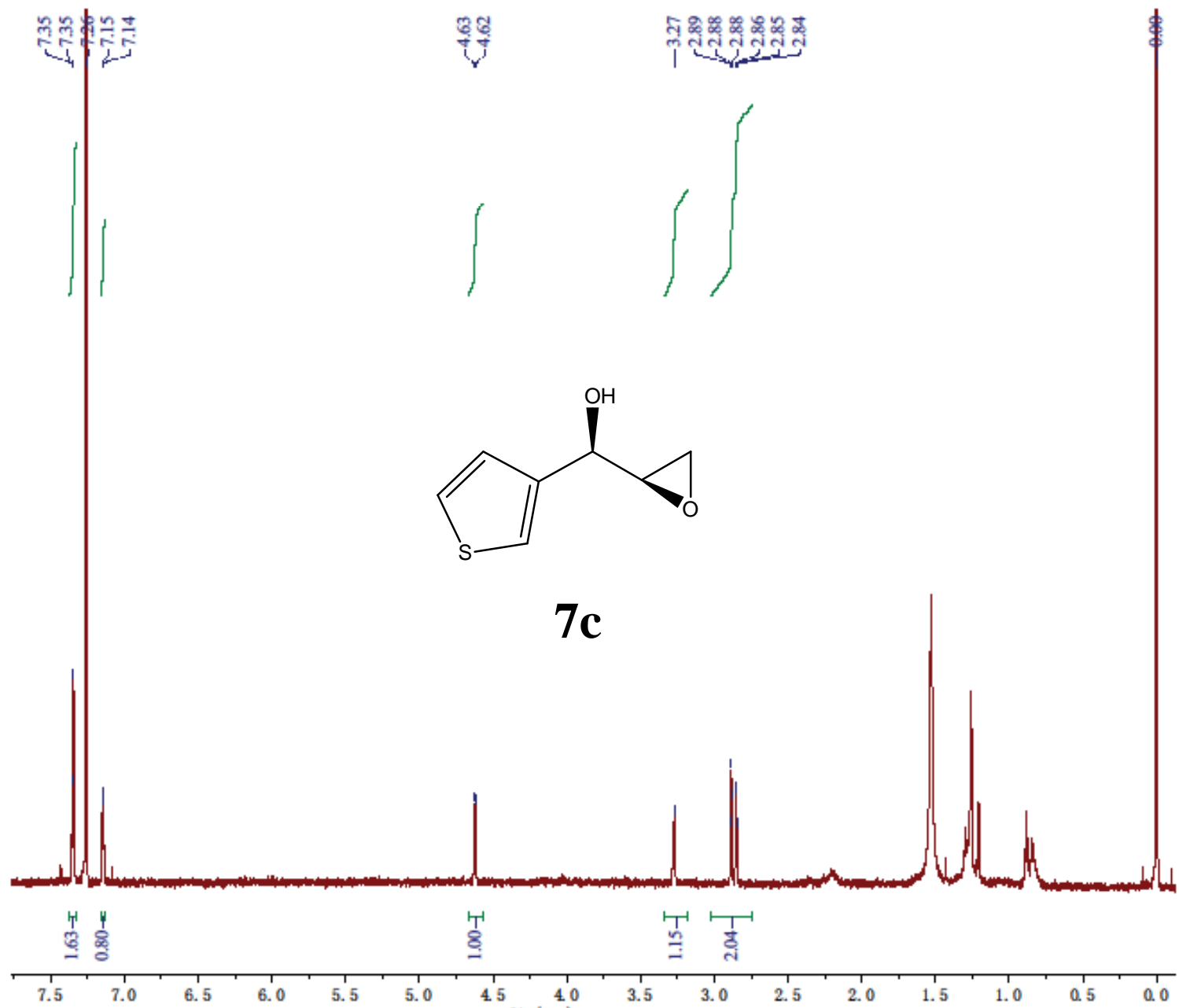
**3c**



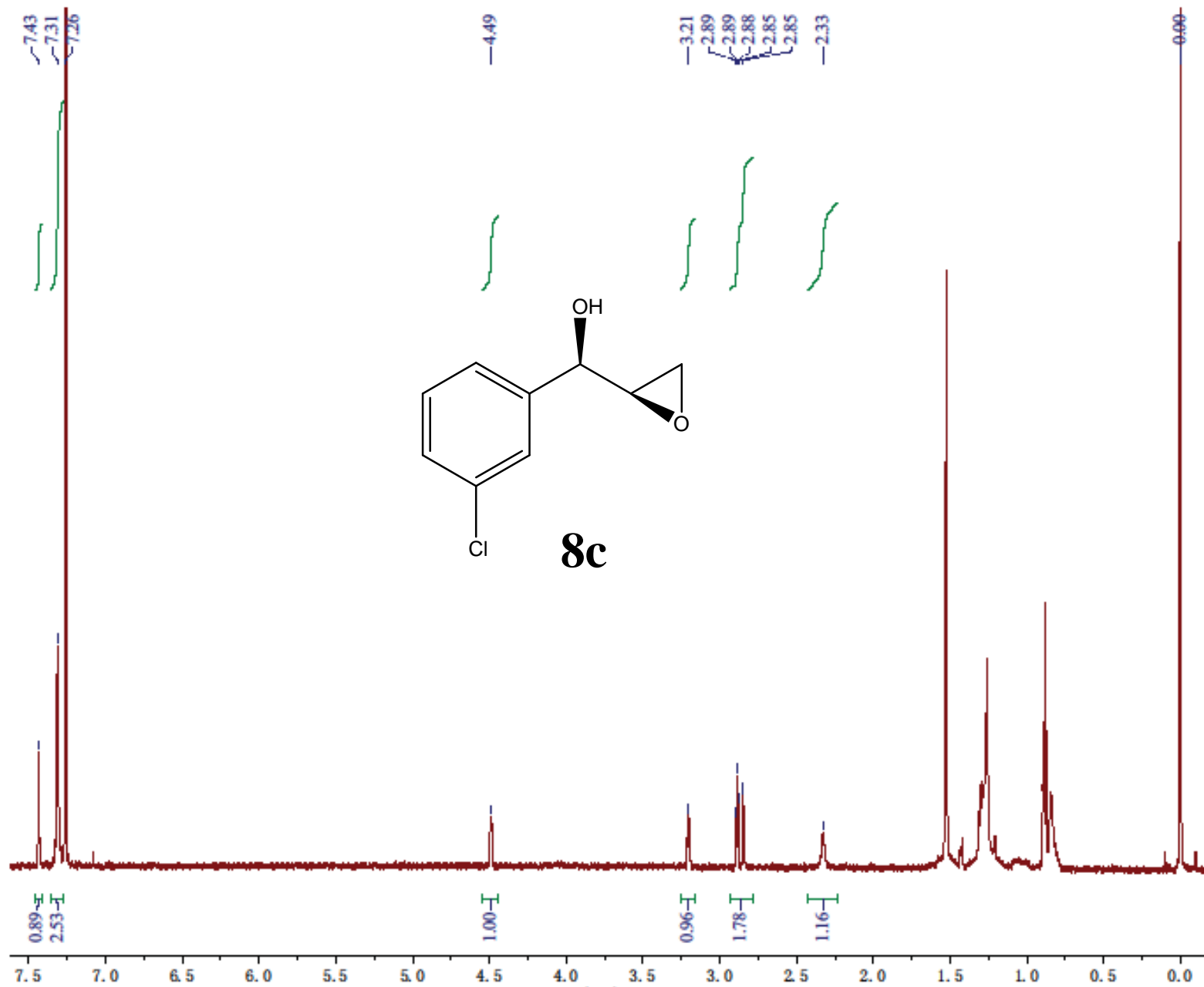


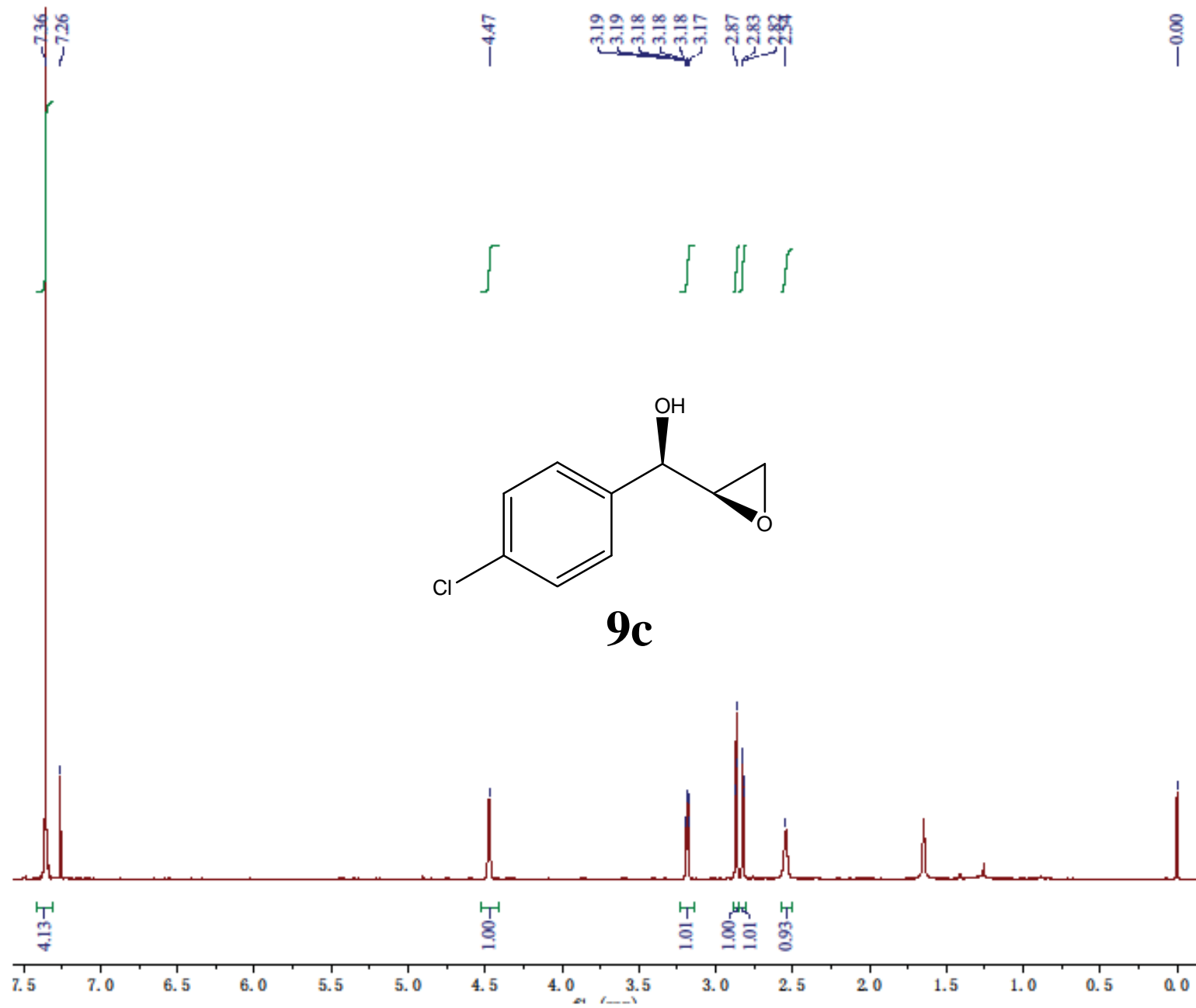


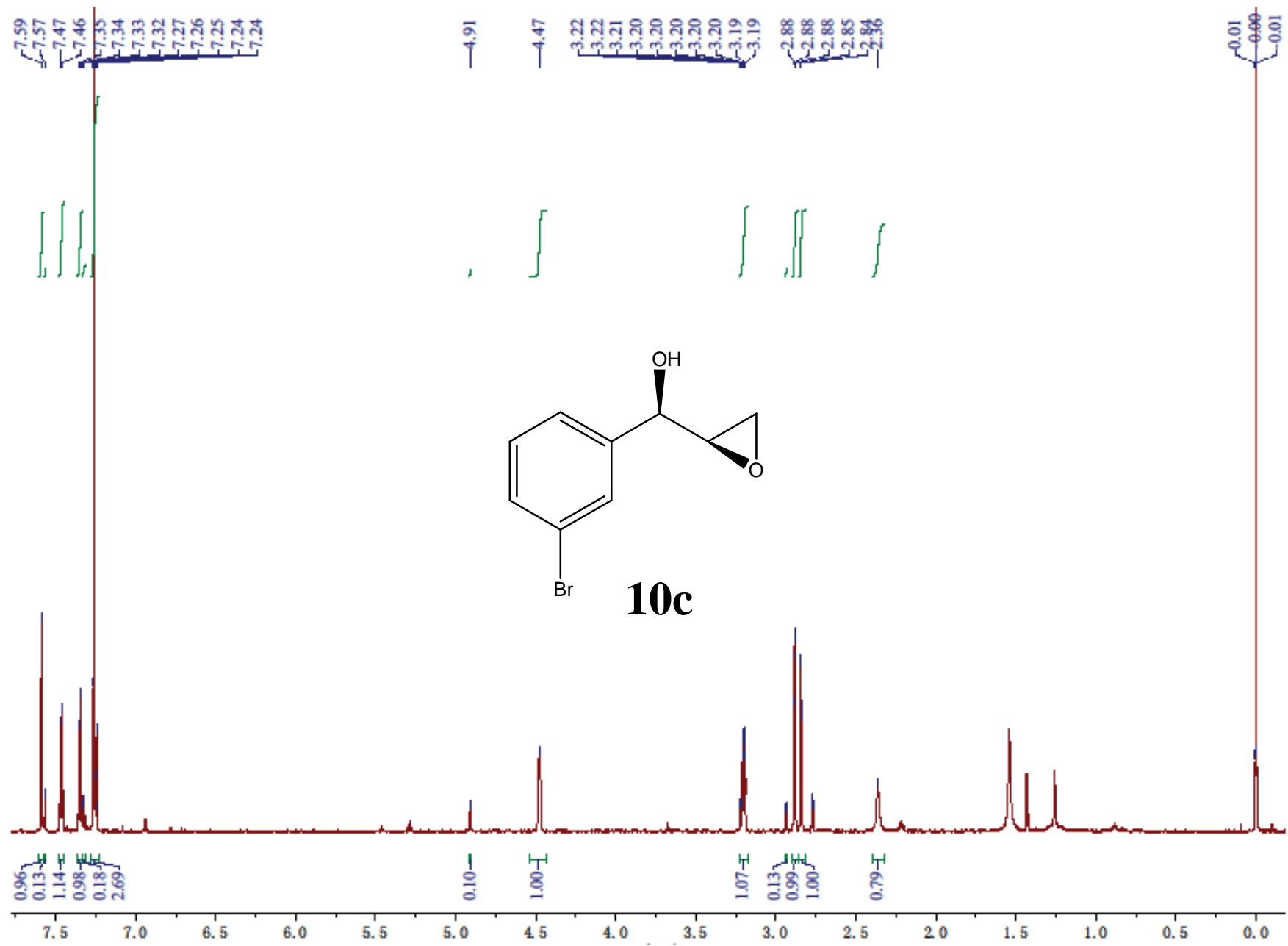


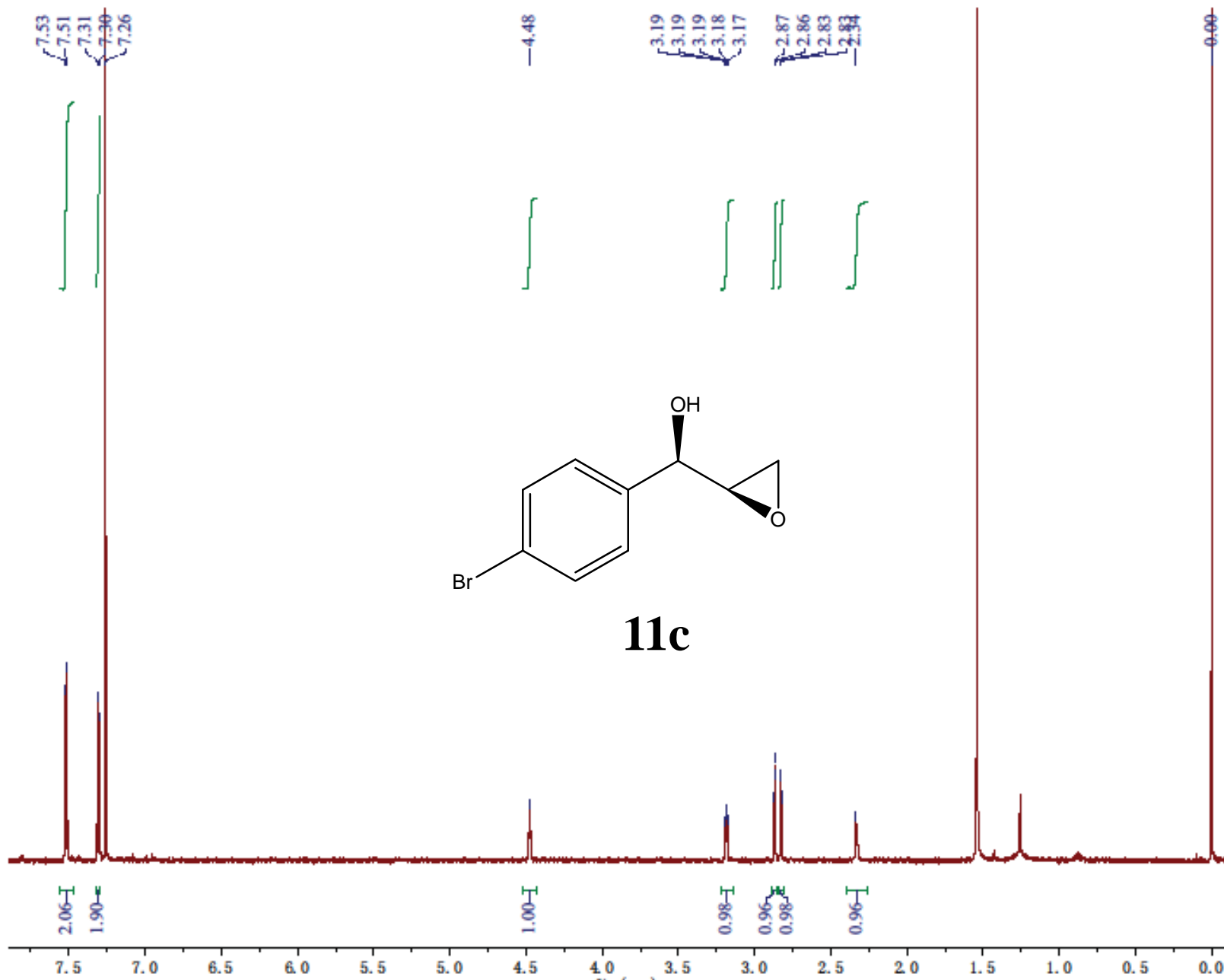


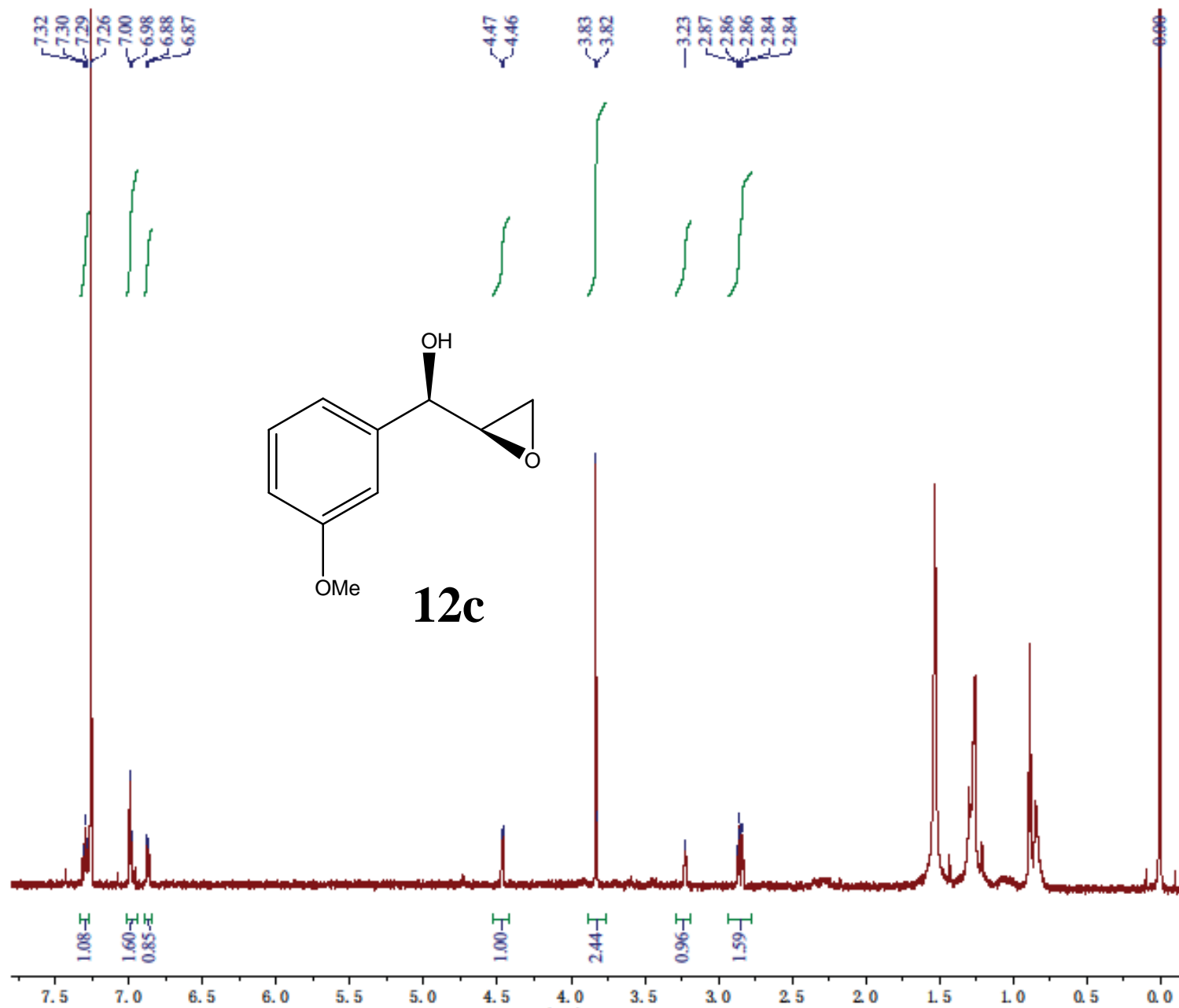


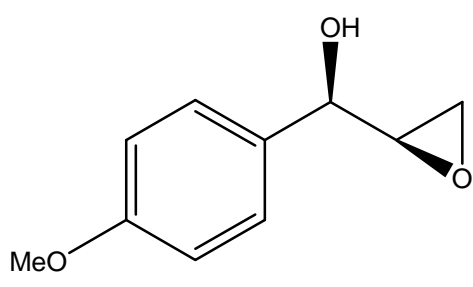
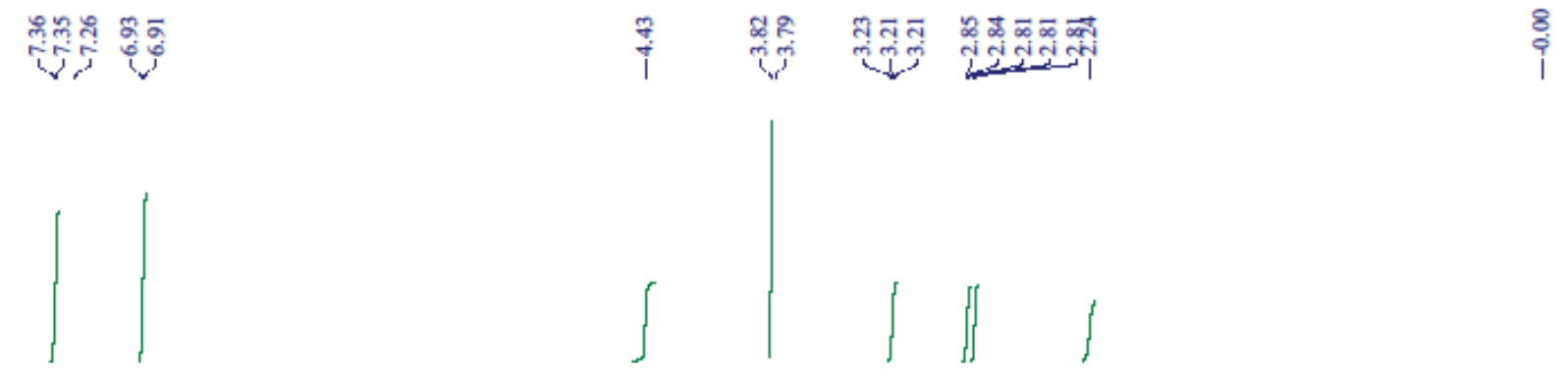




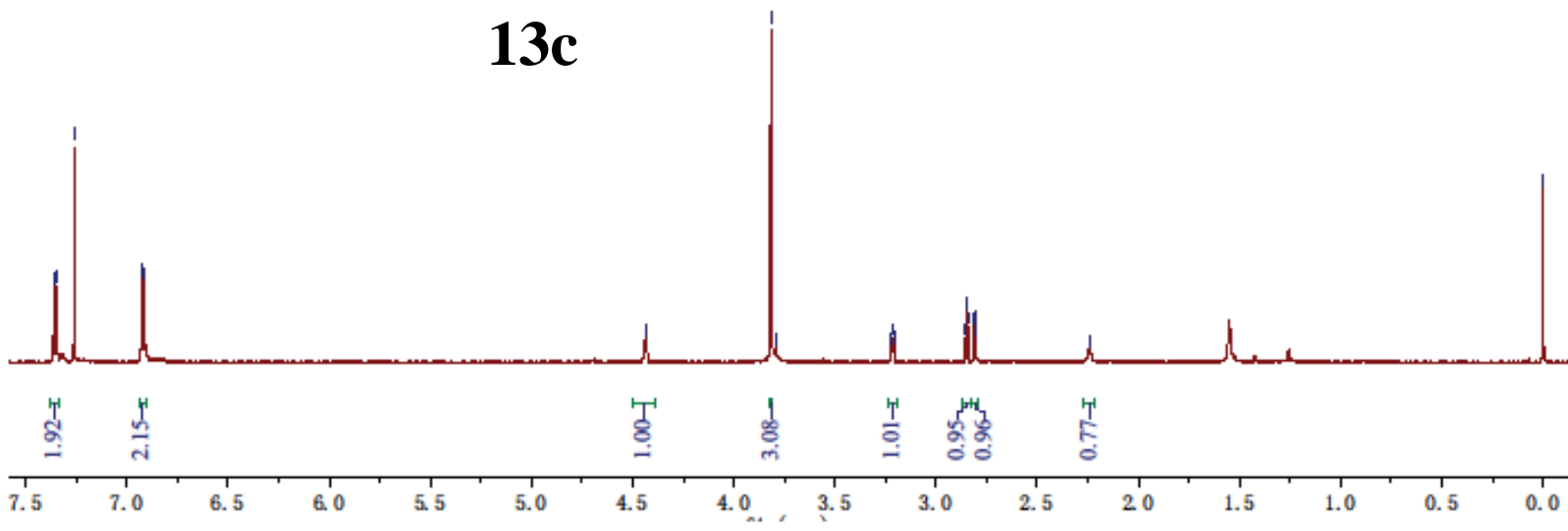


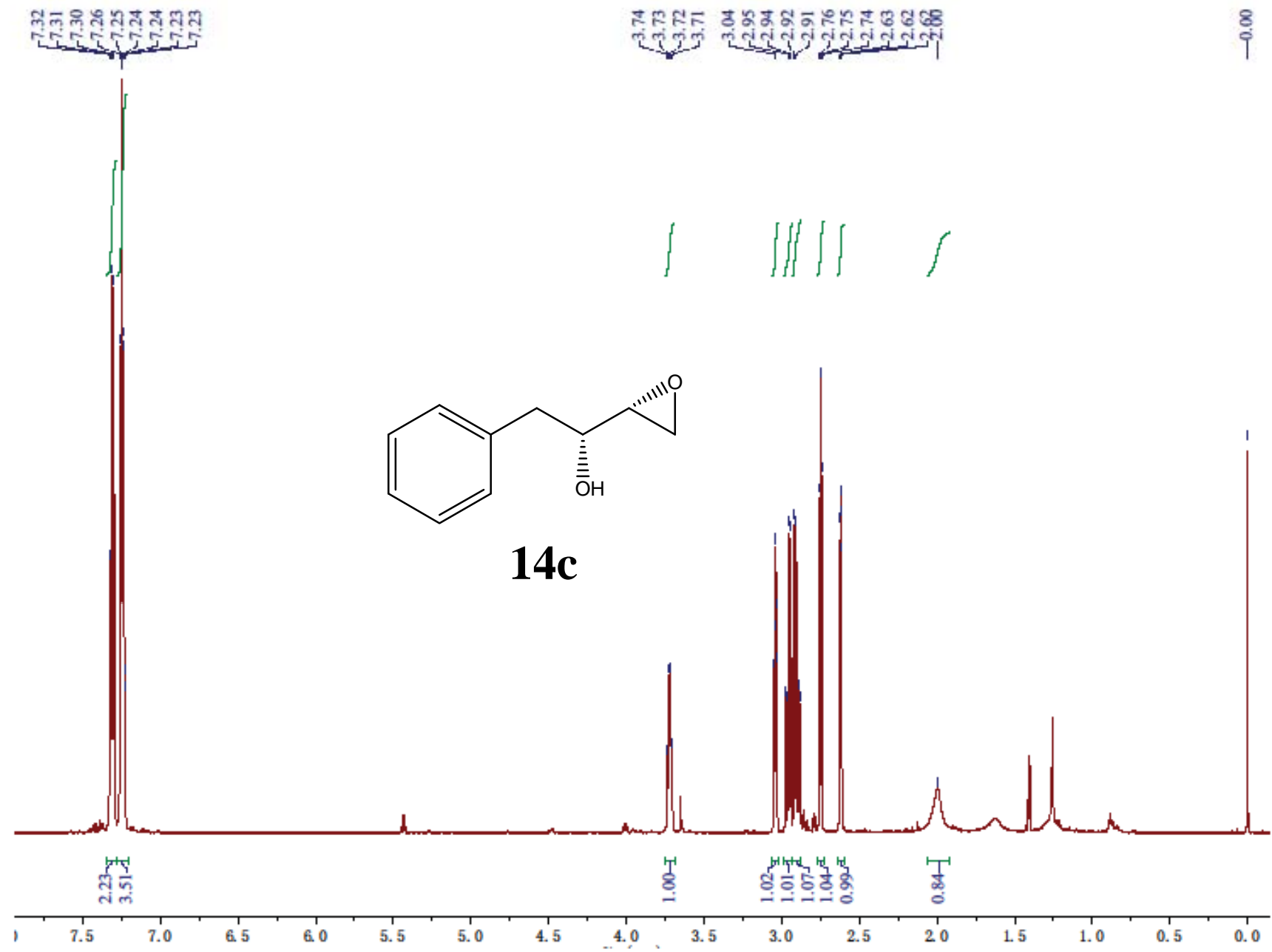


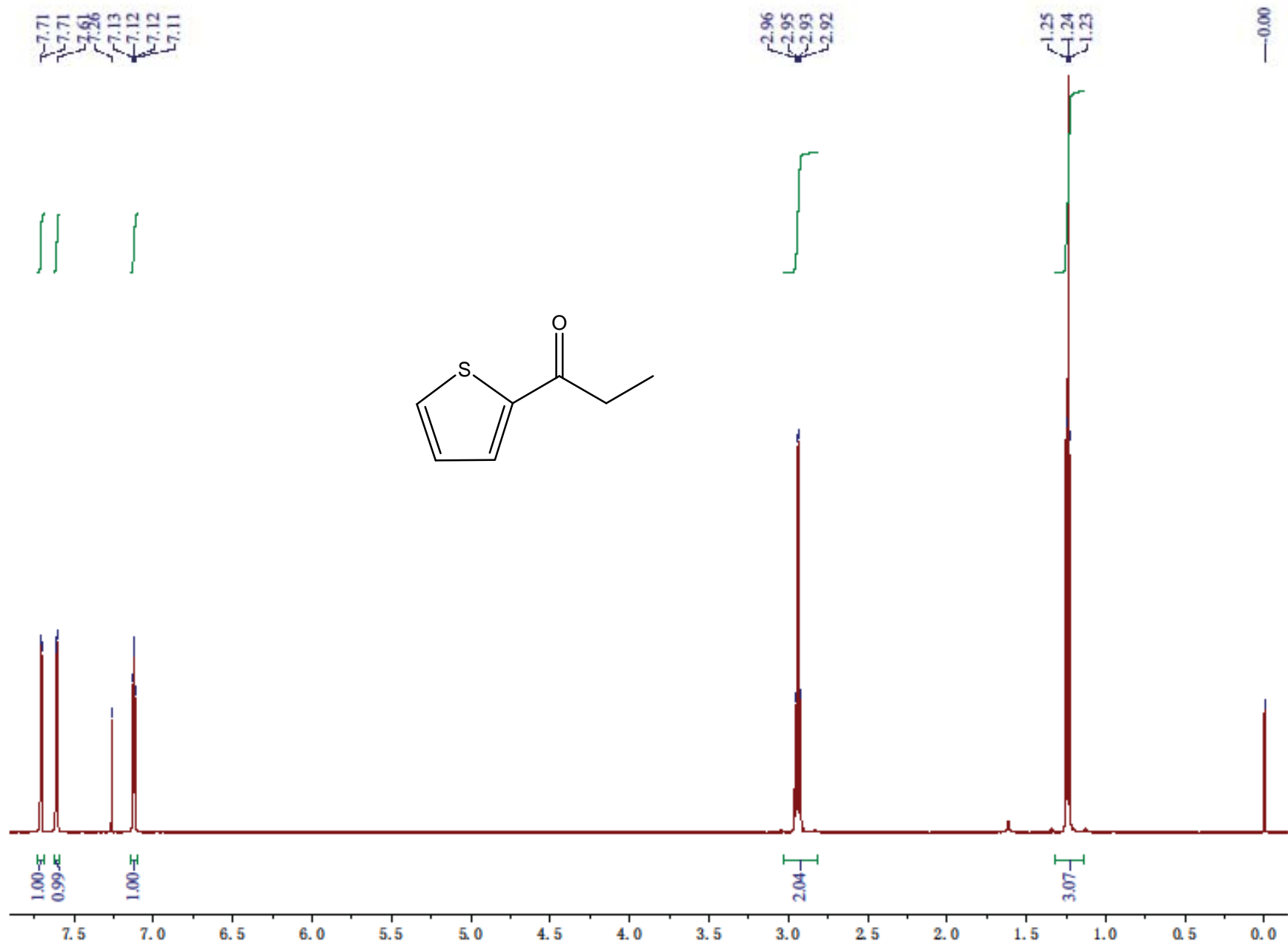




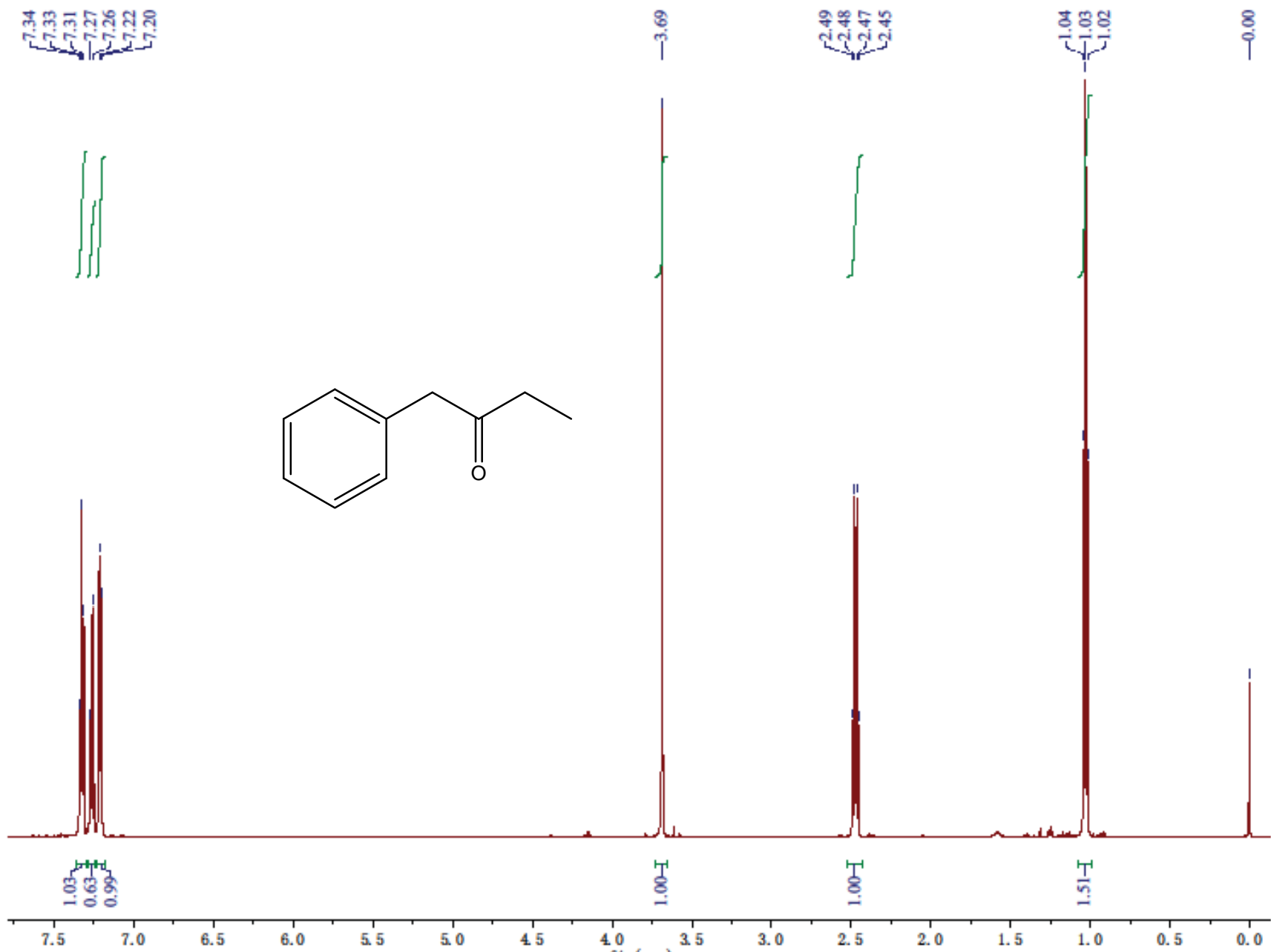
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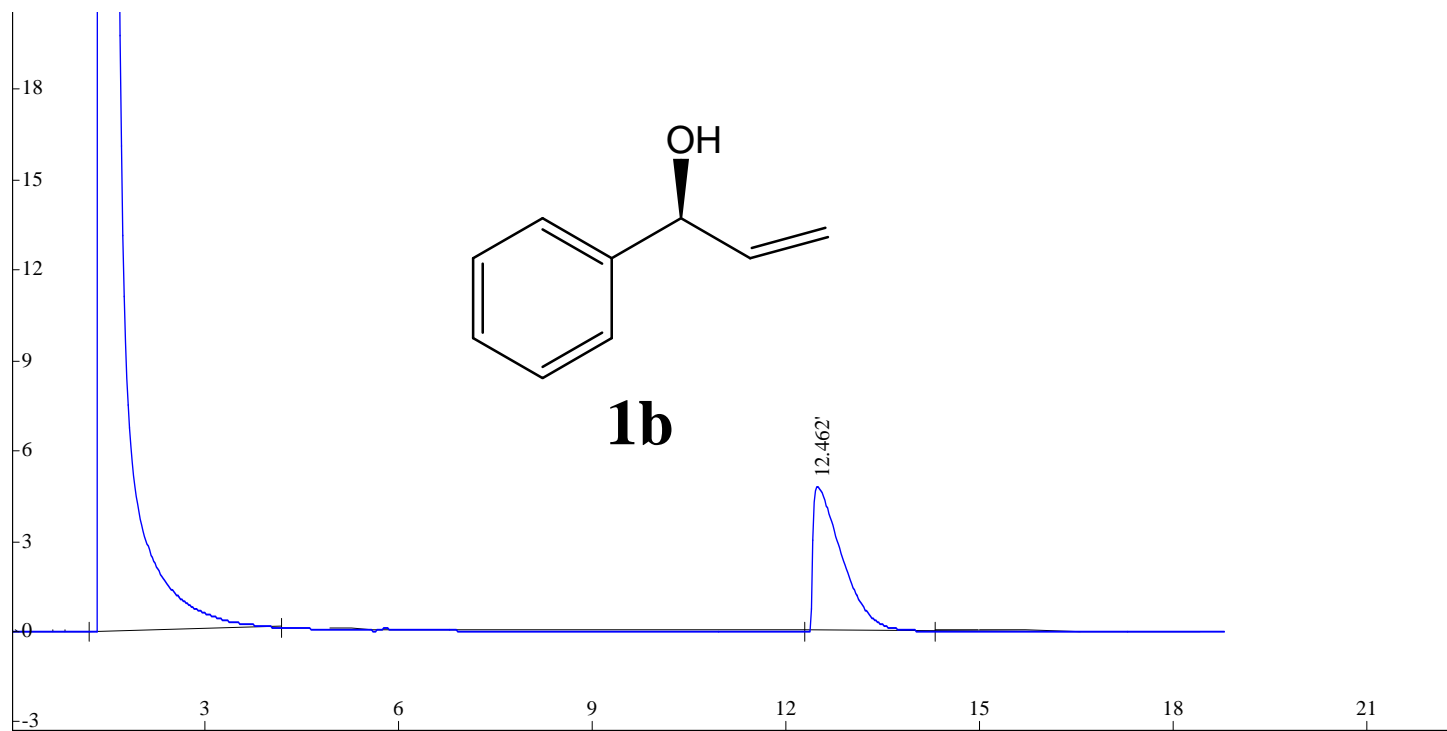
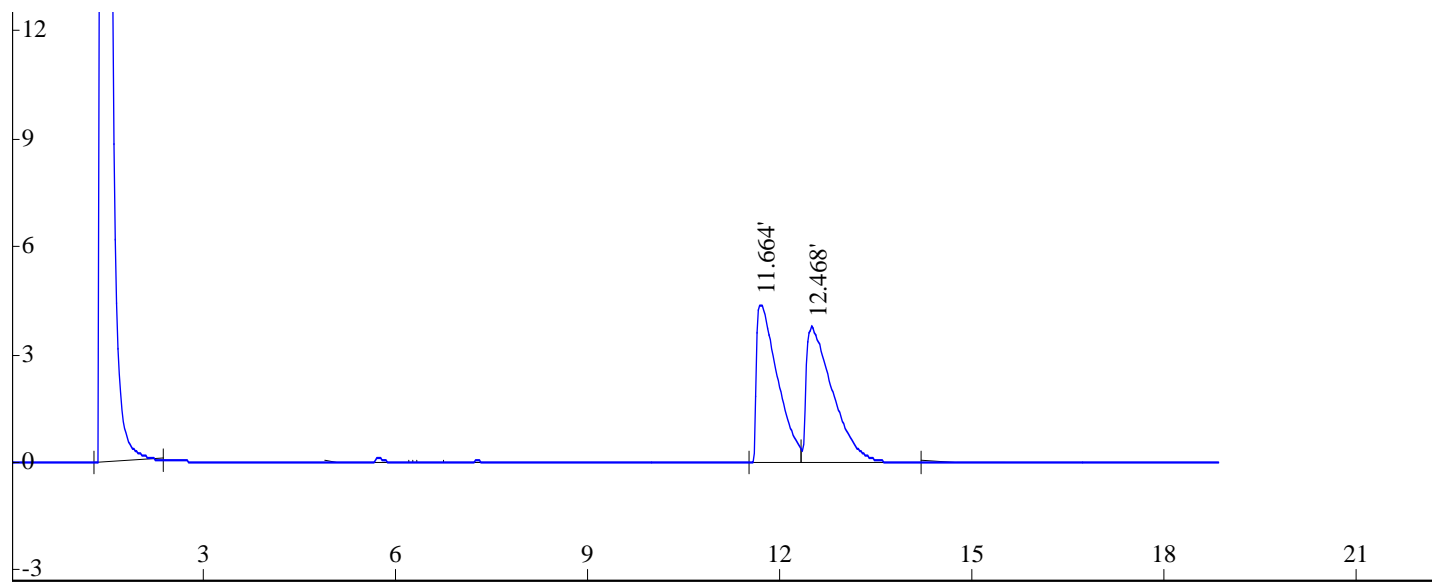


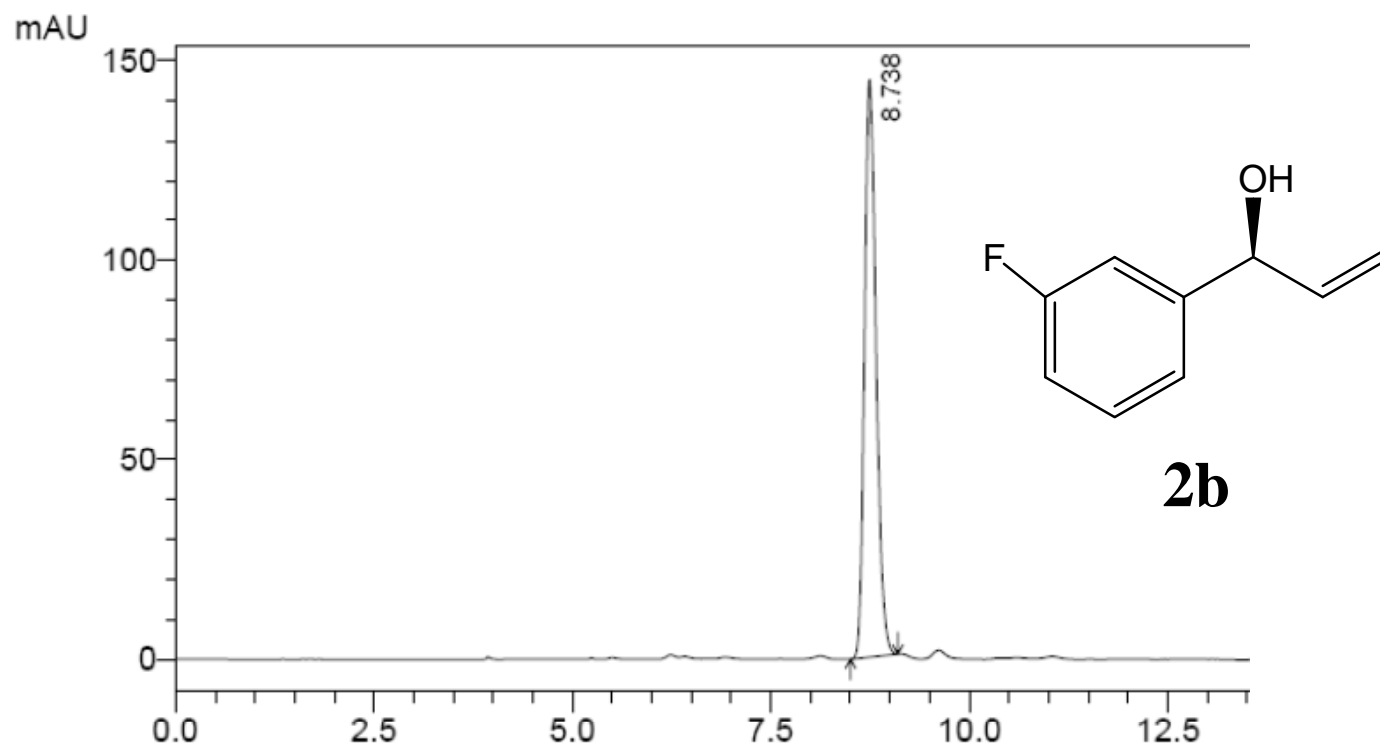
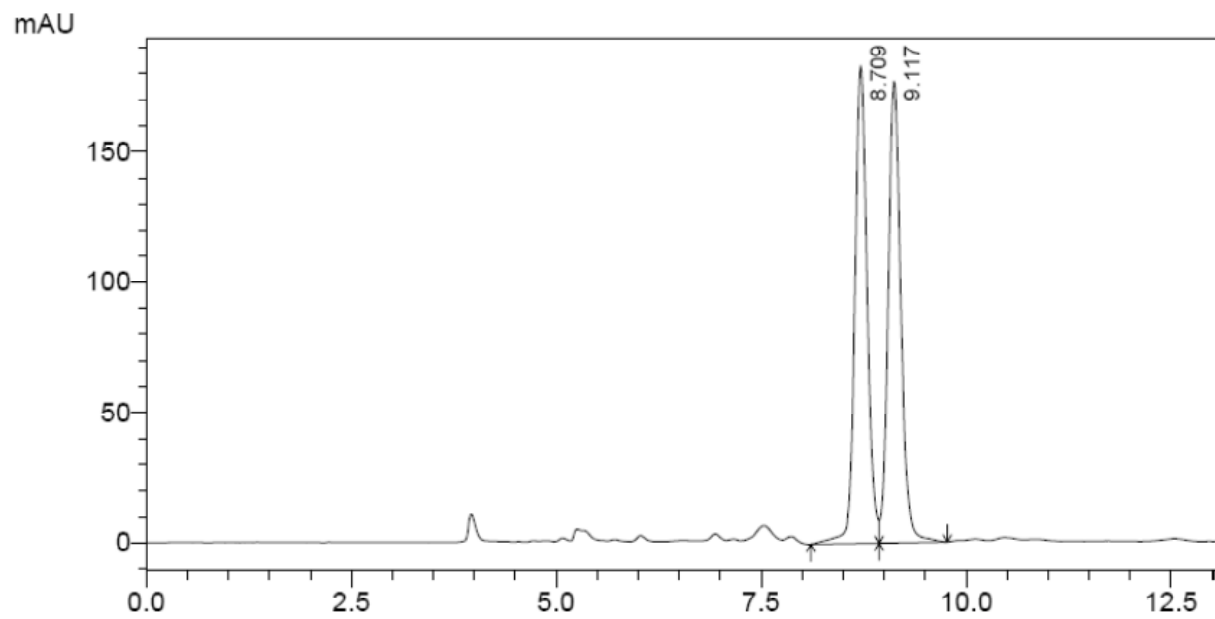


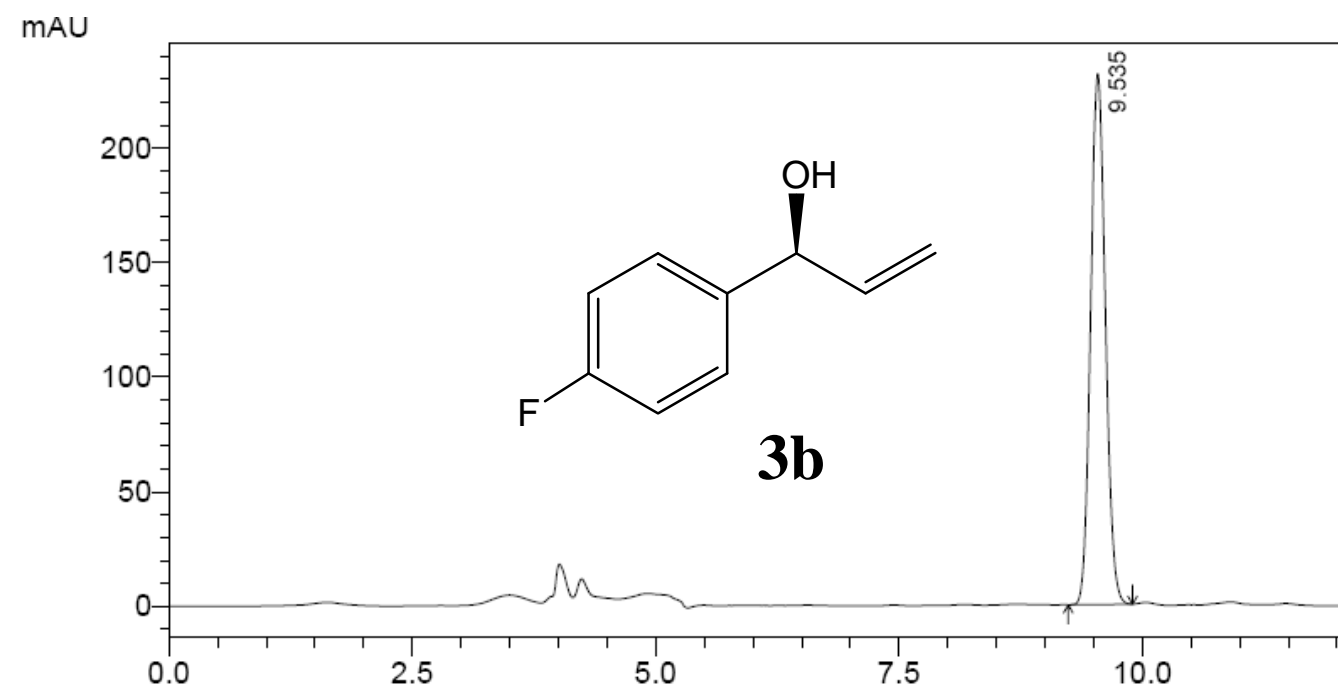
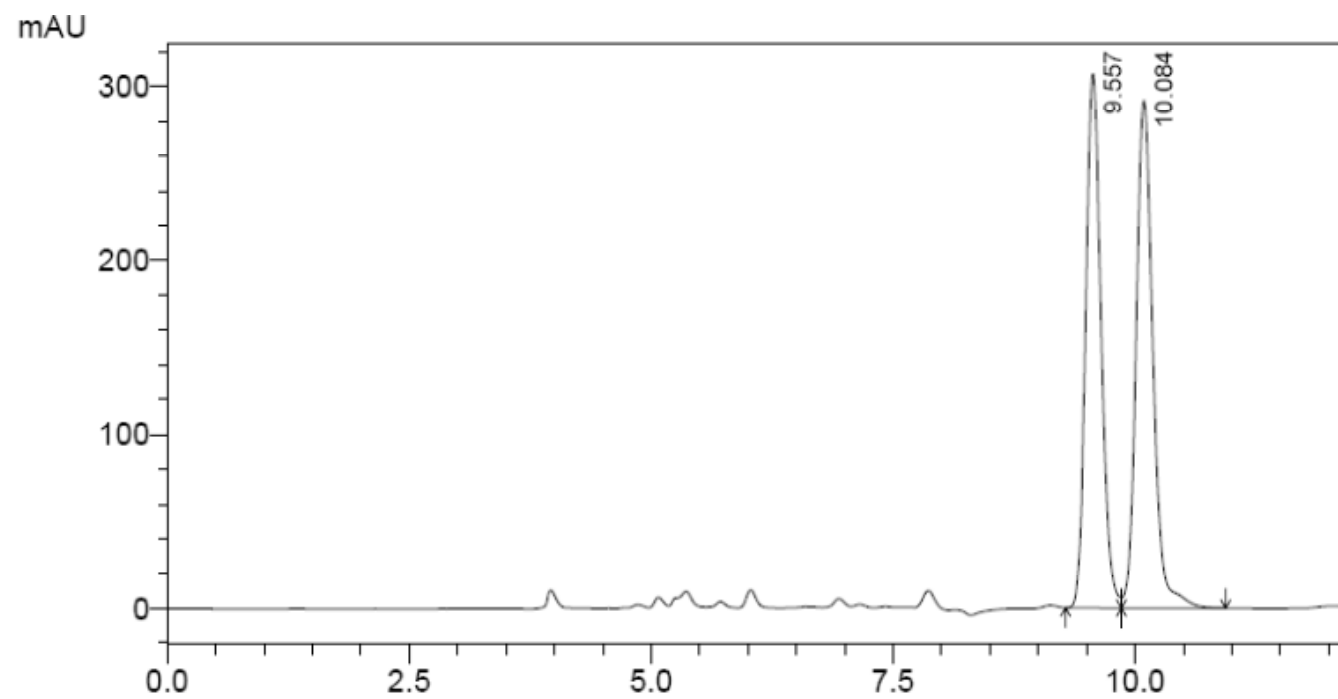


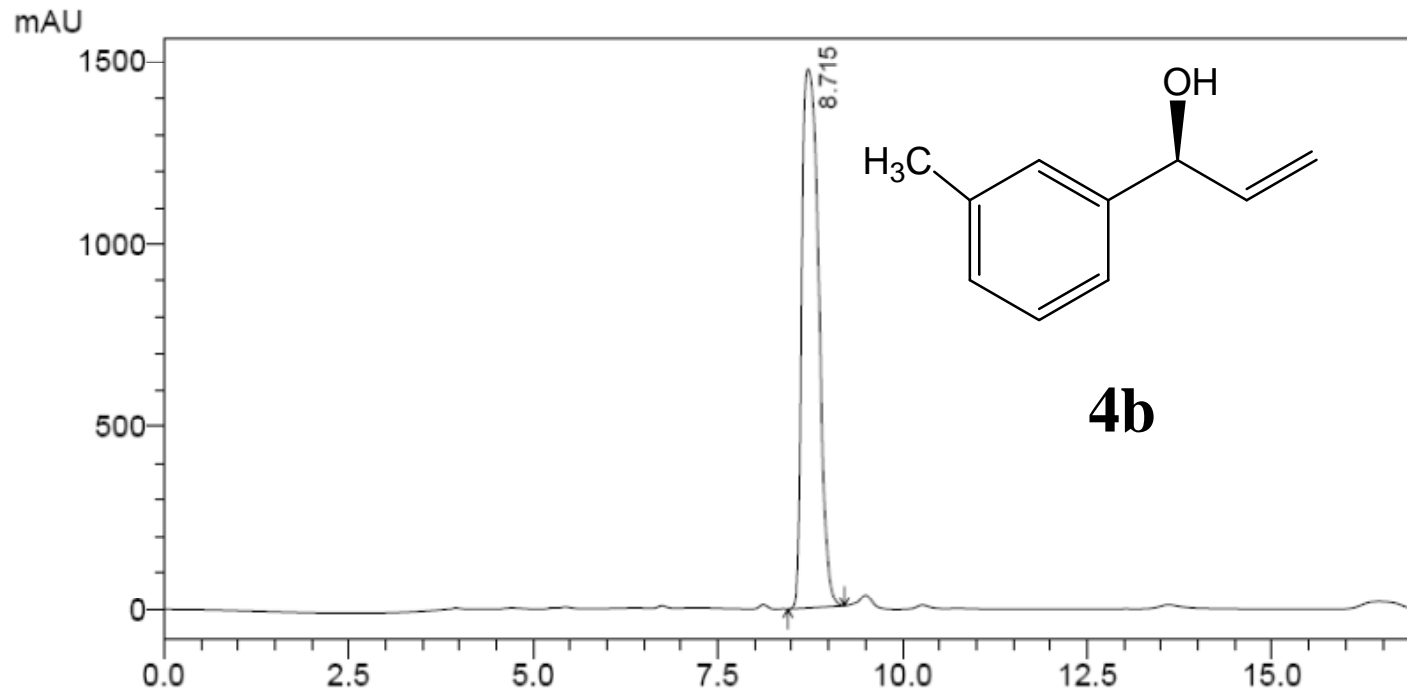
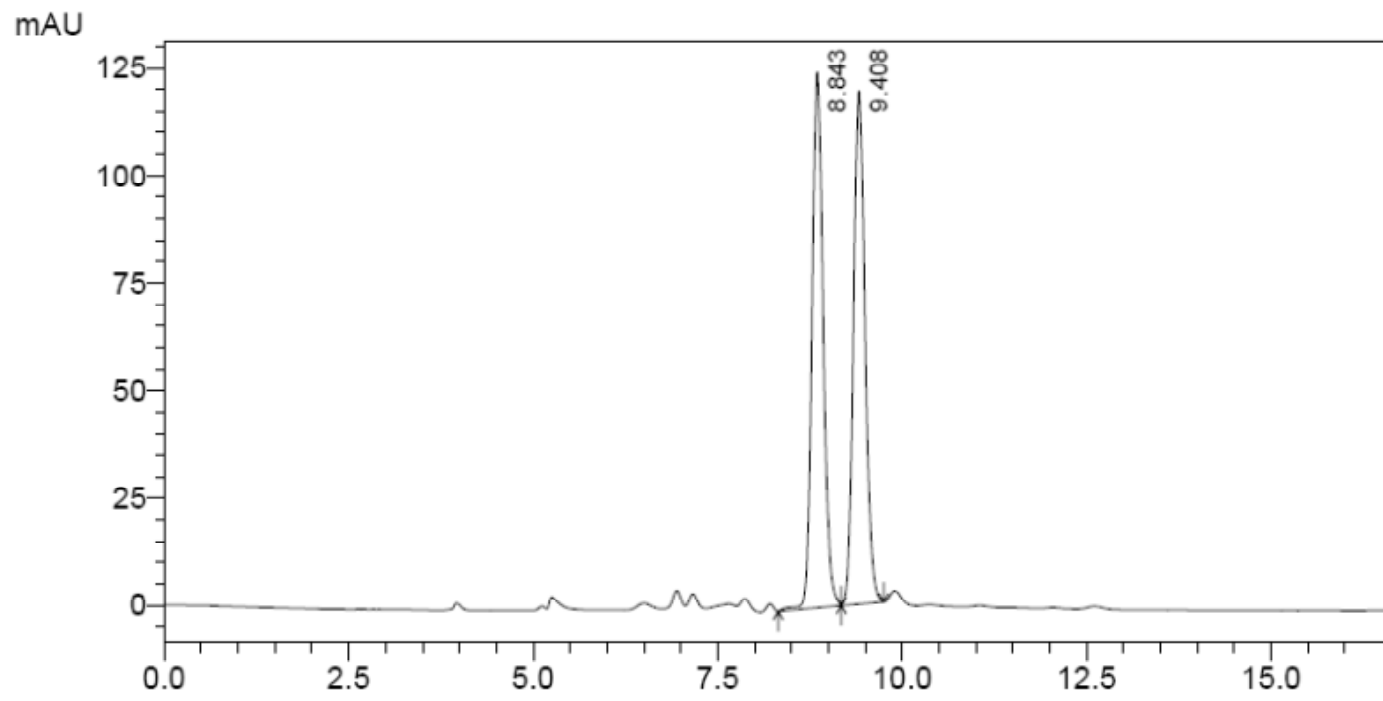


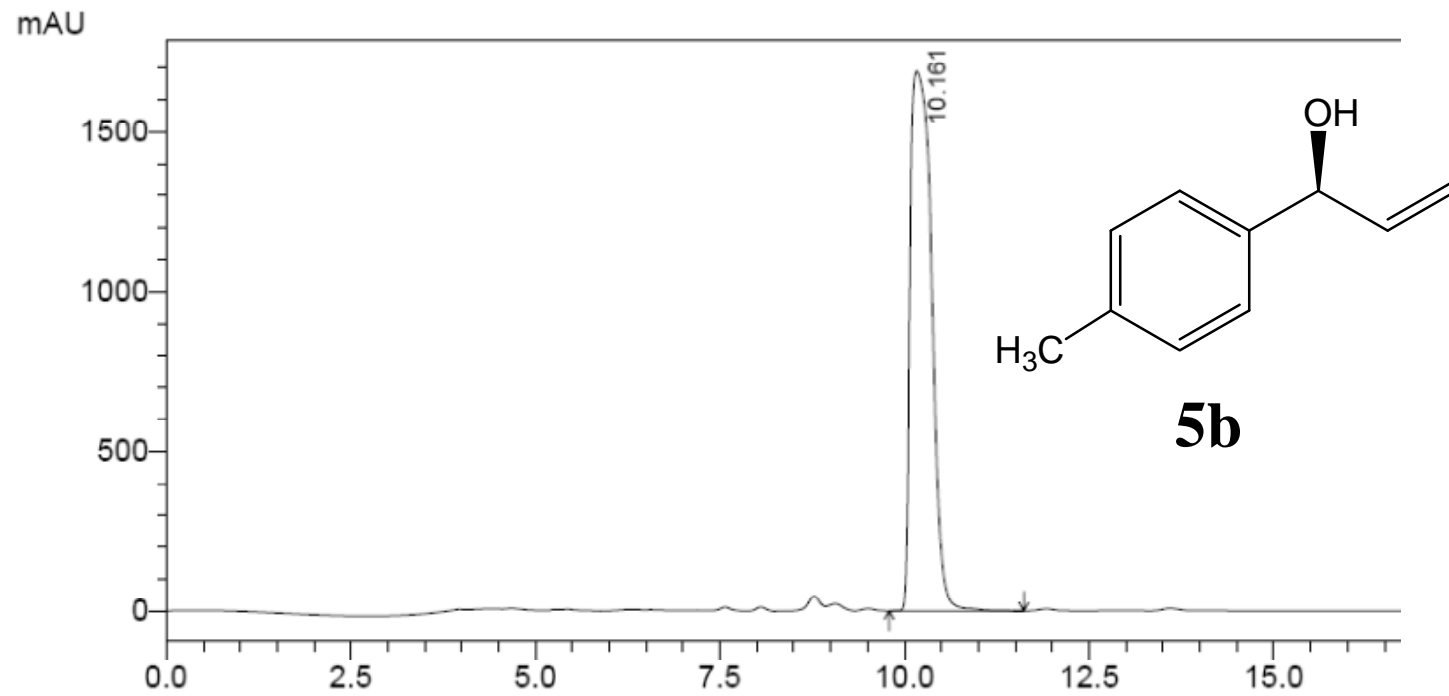
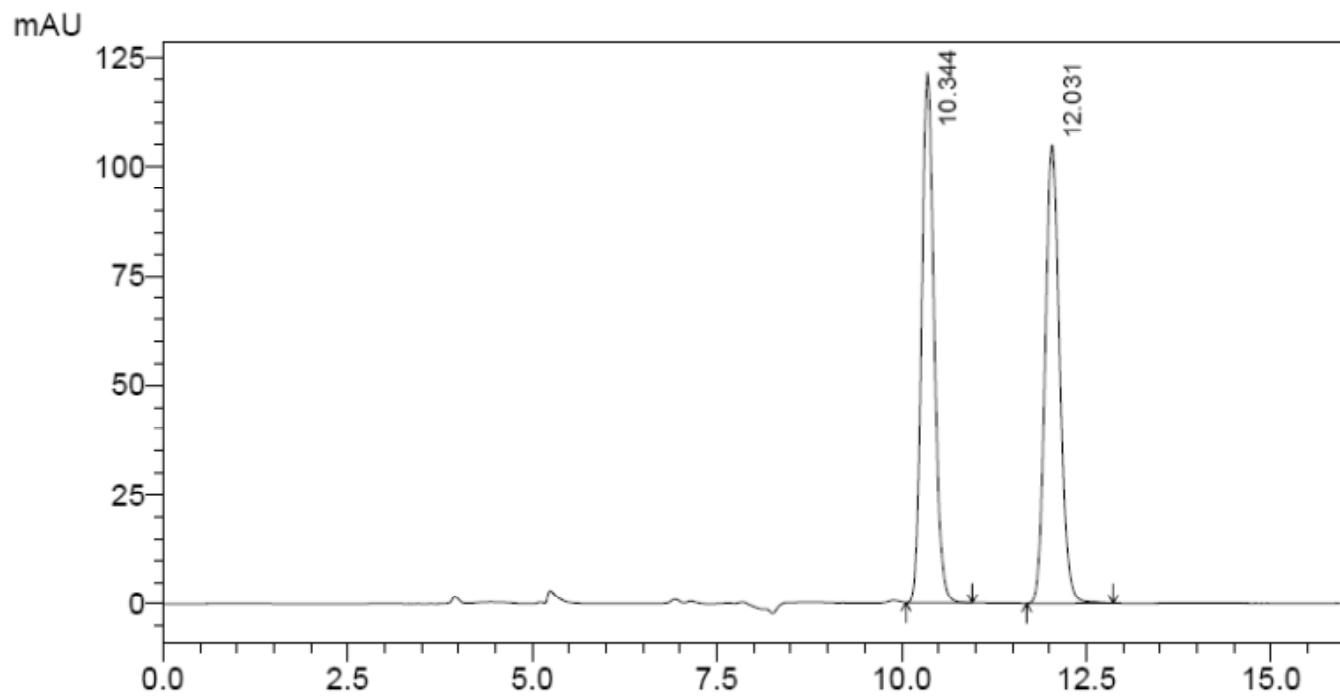


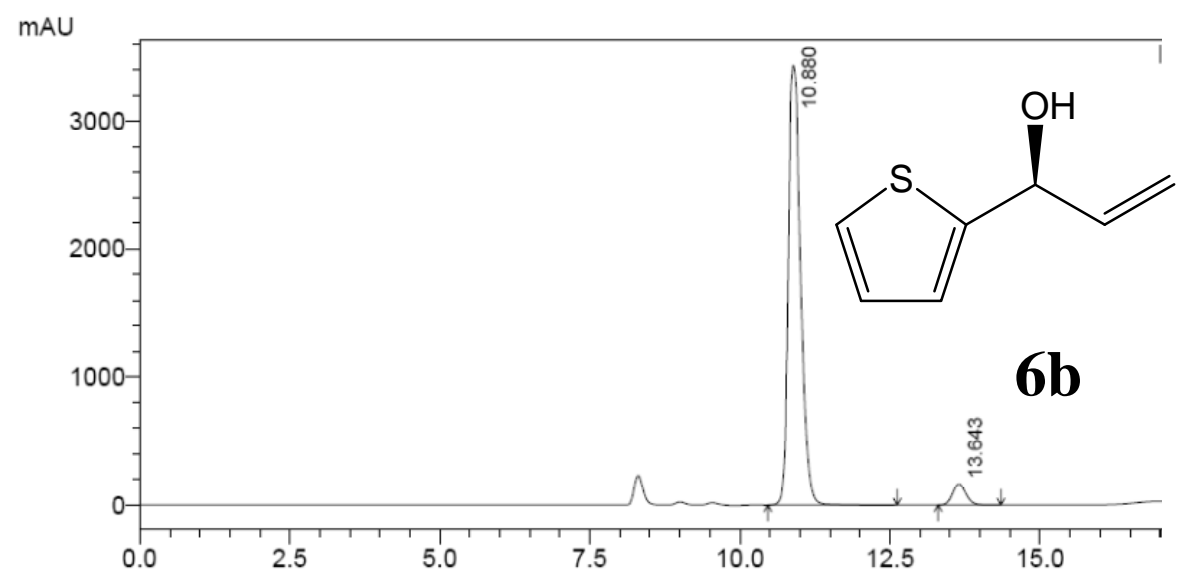
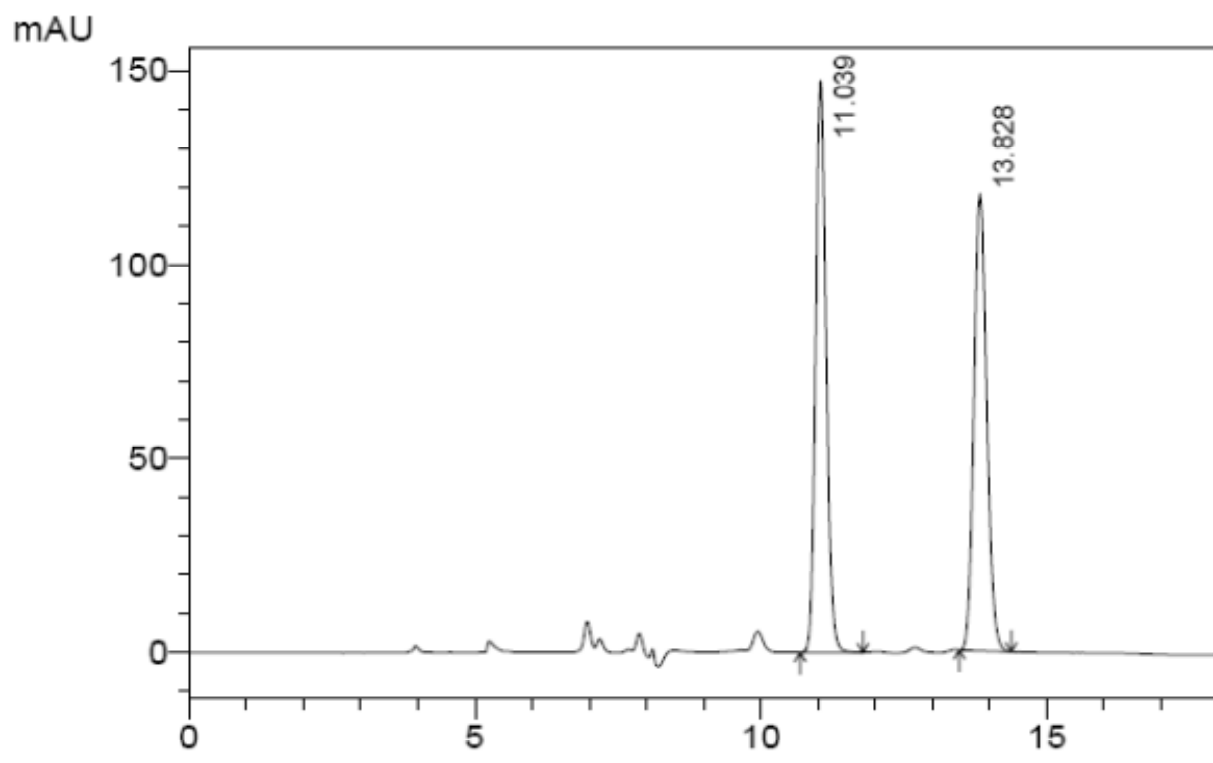




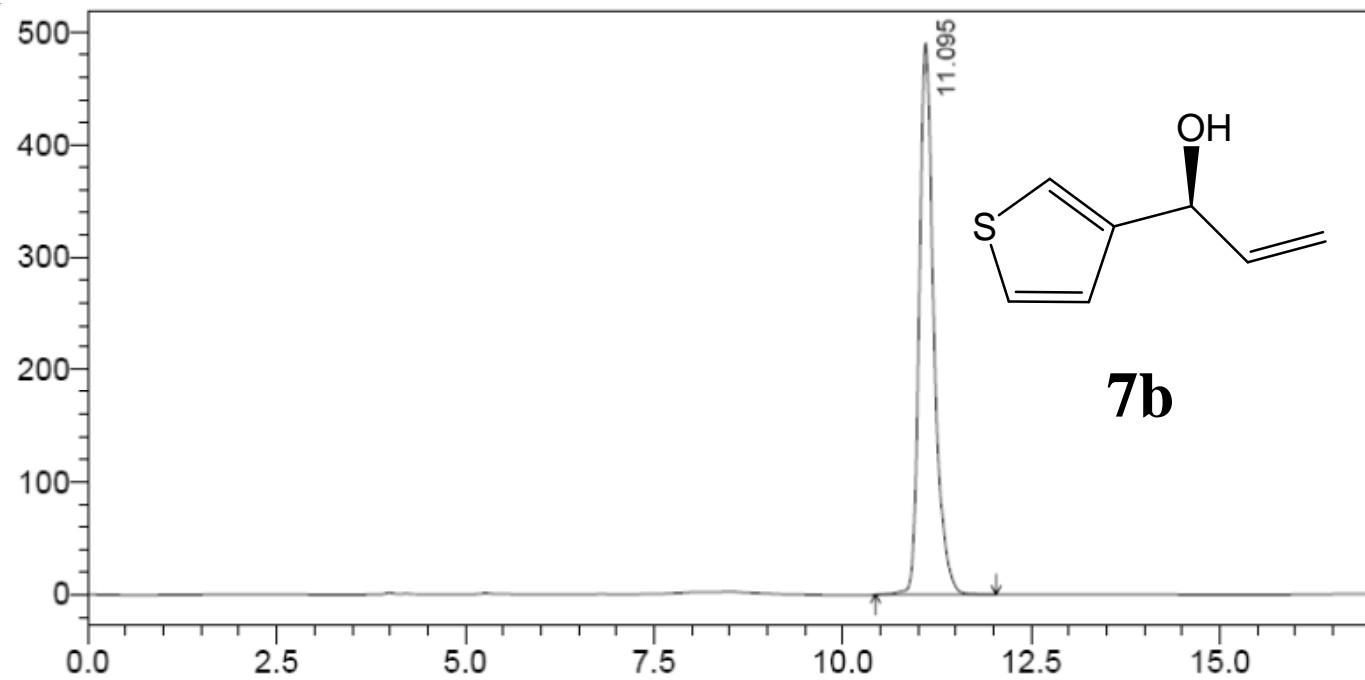
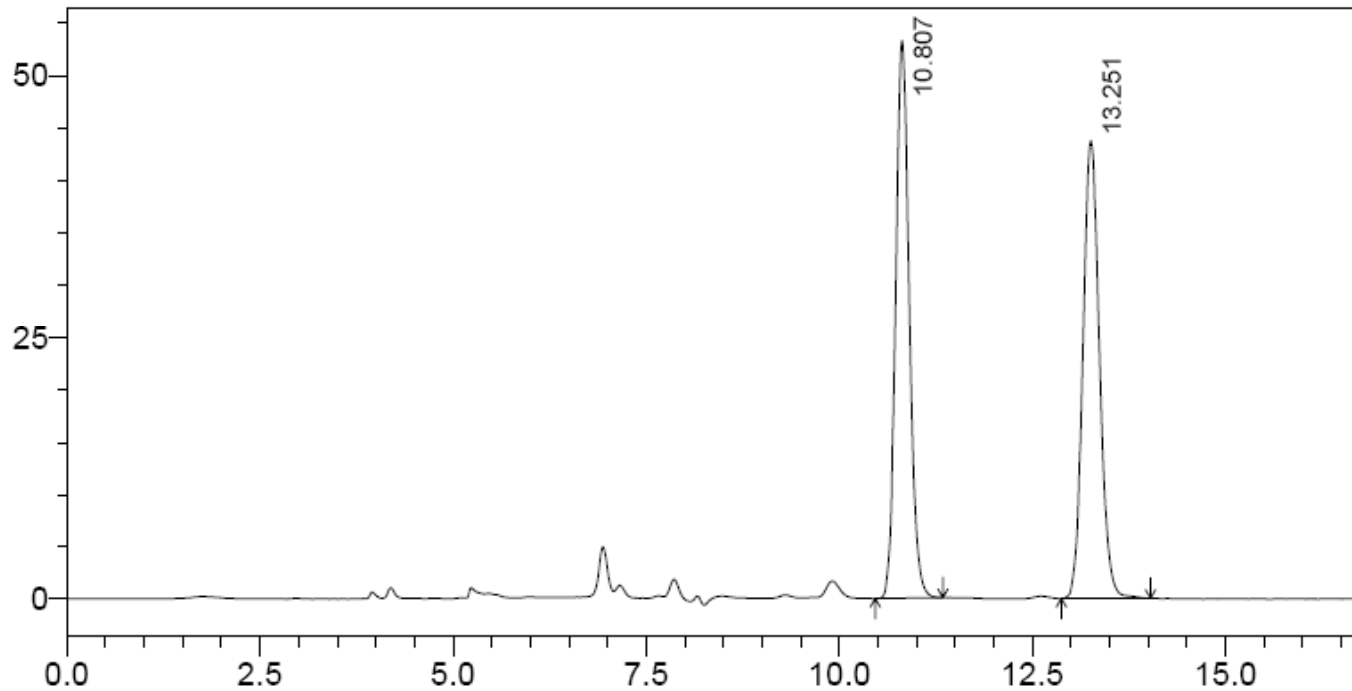




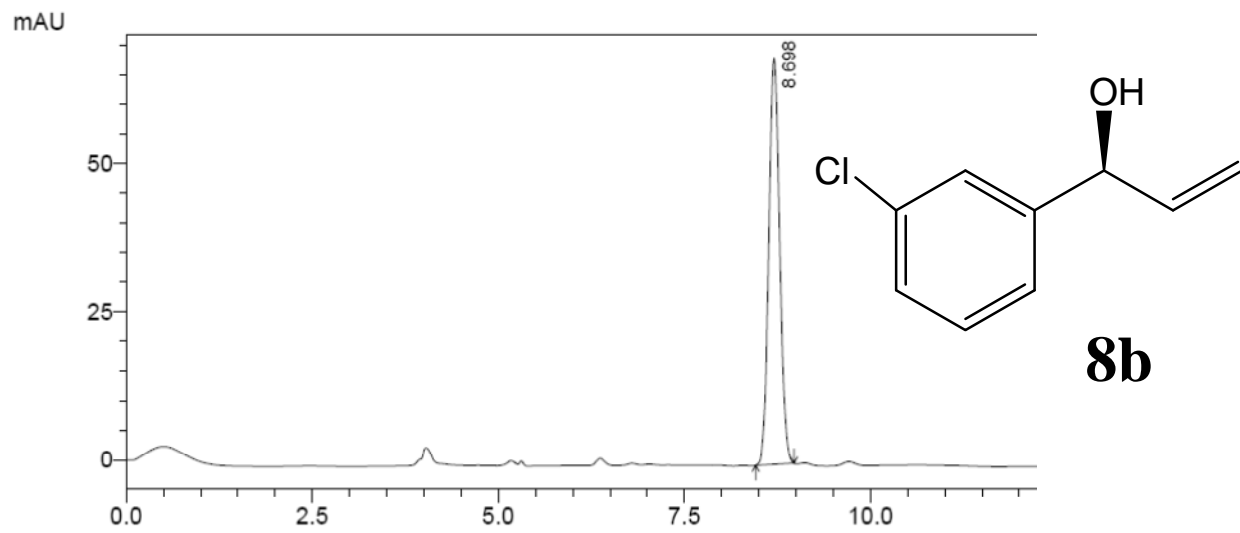
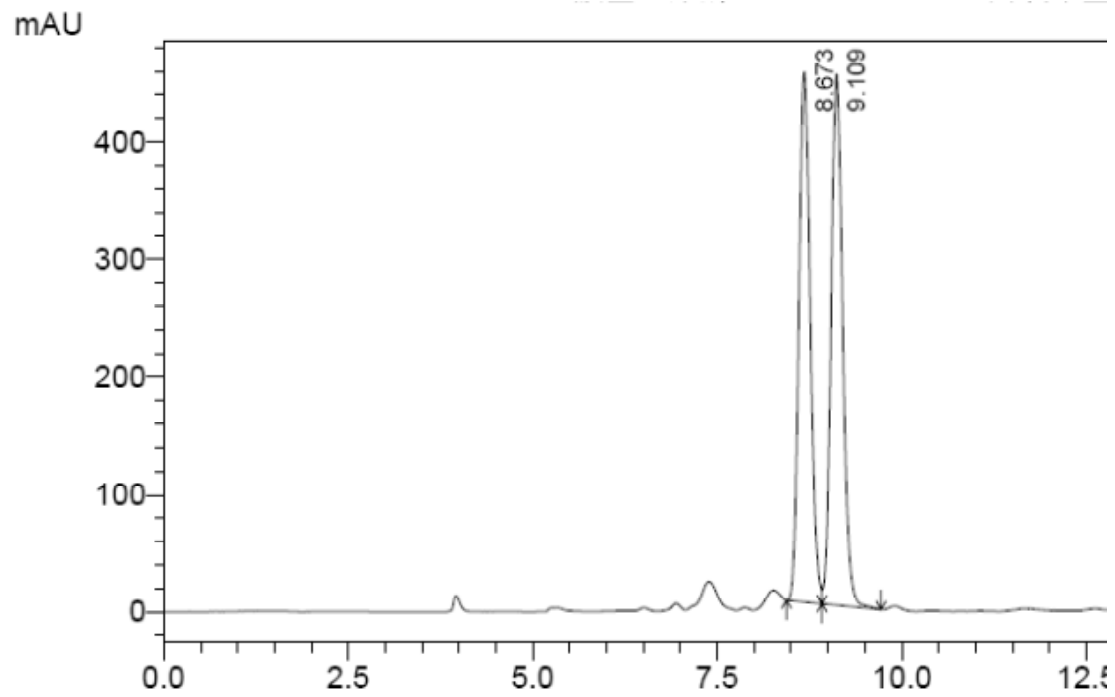


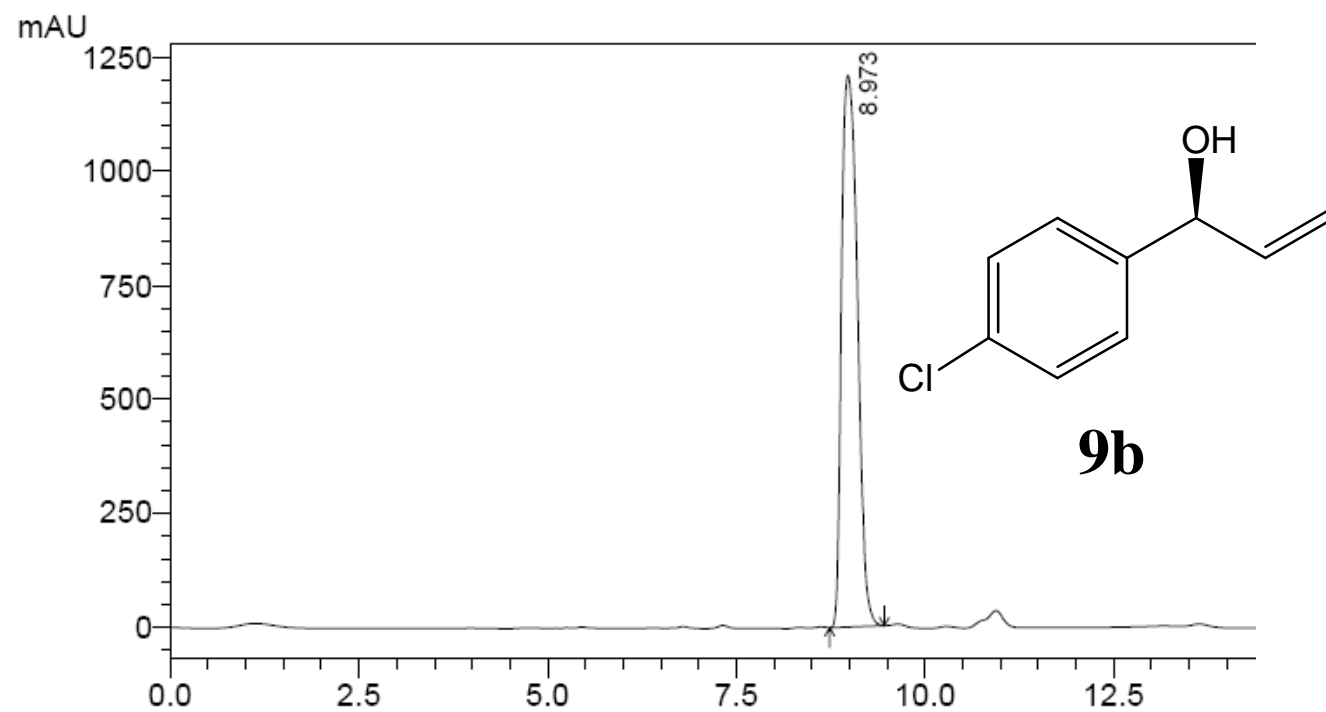
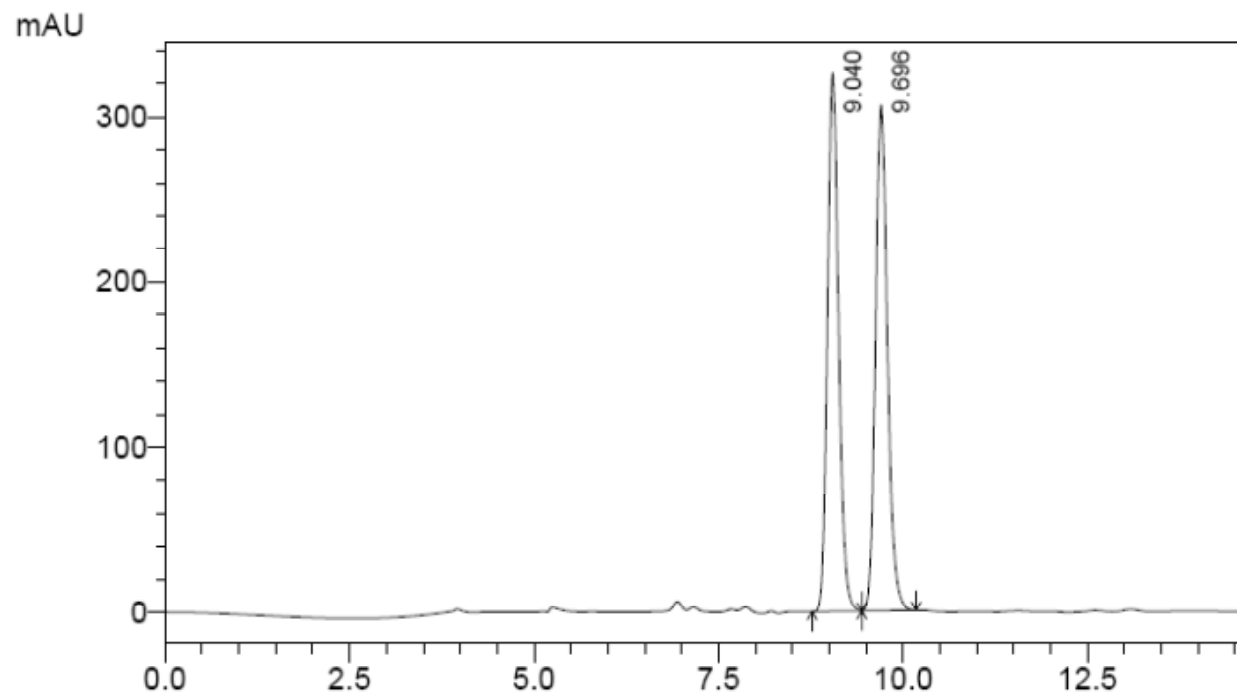


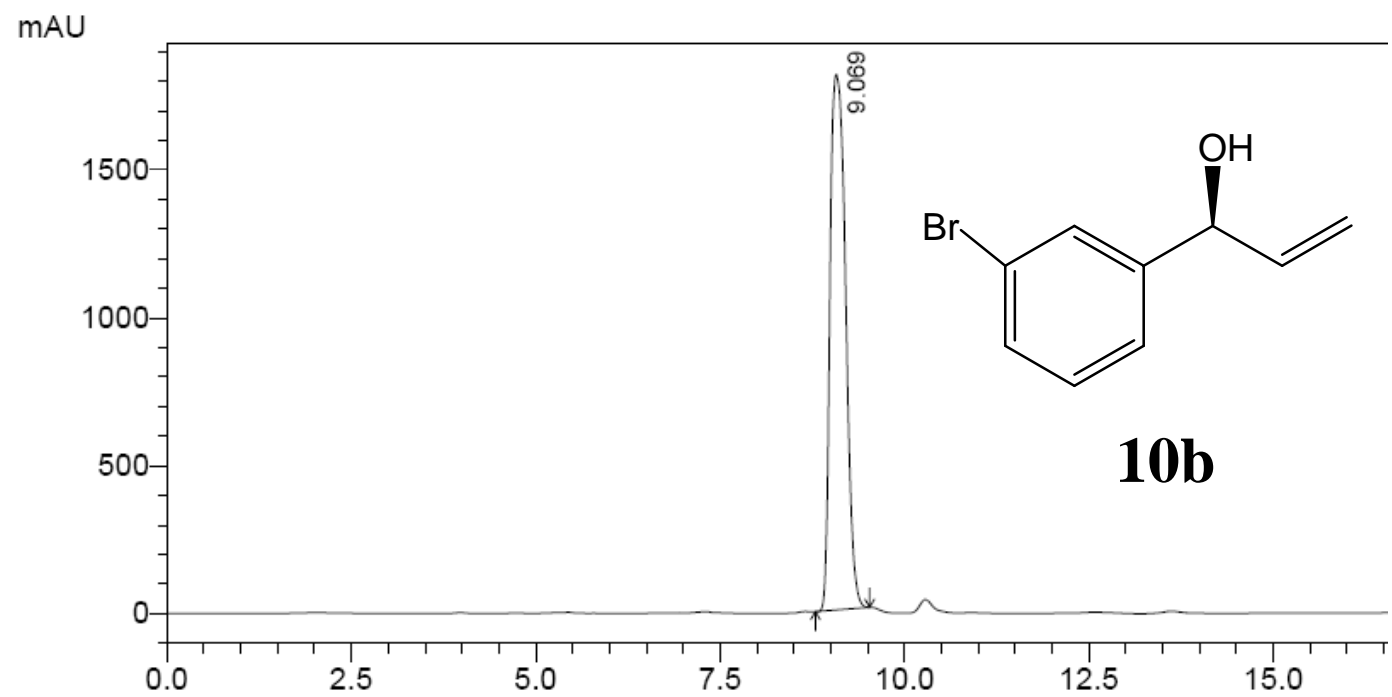
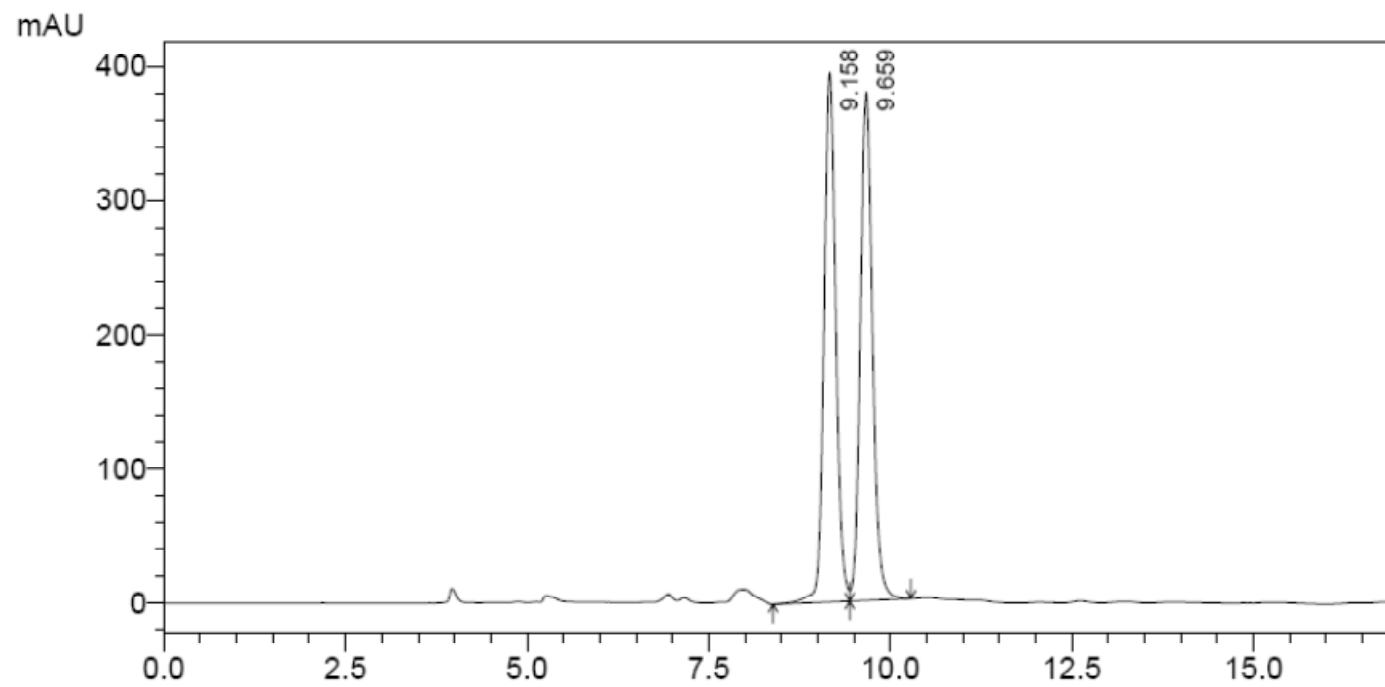
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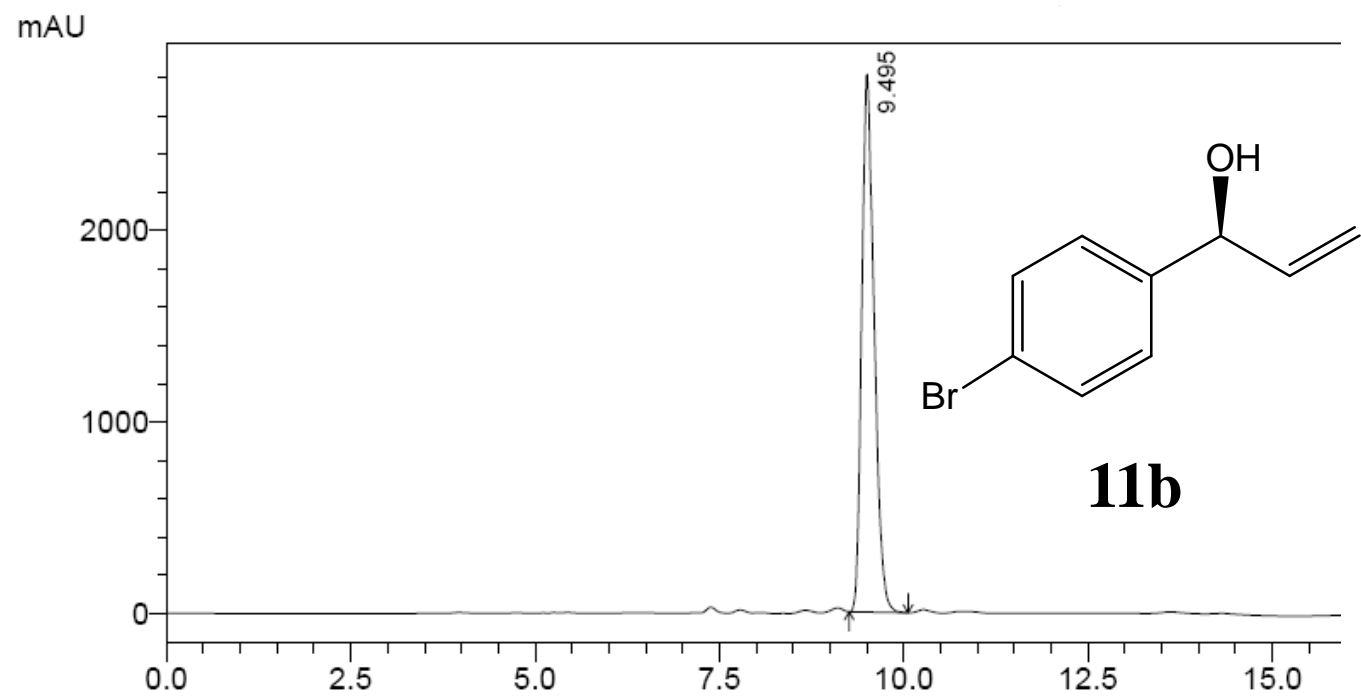
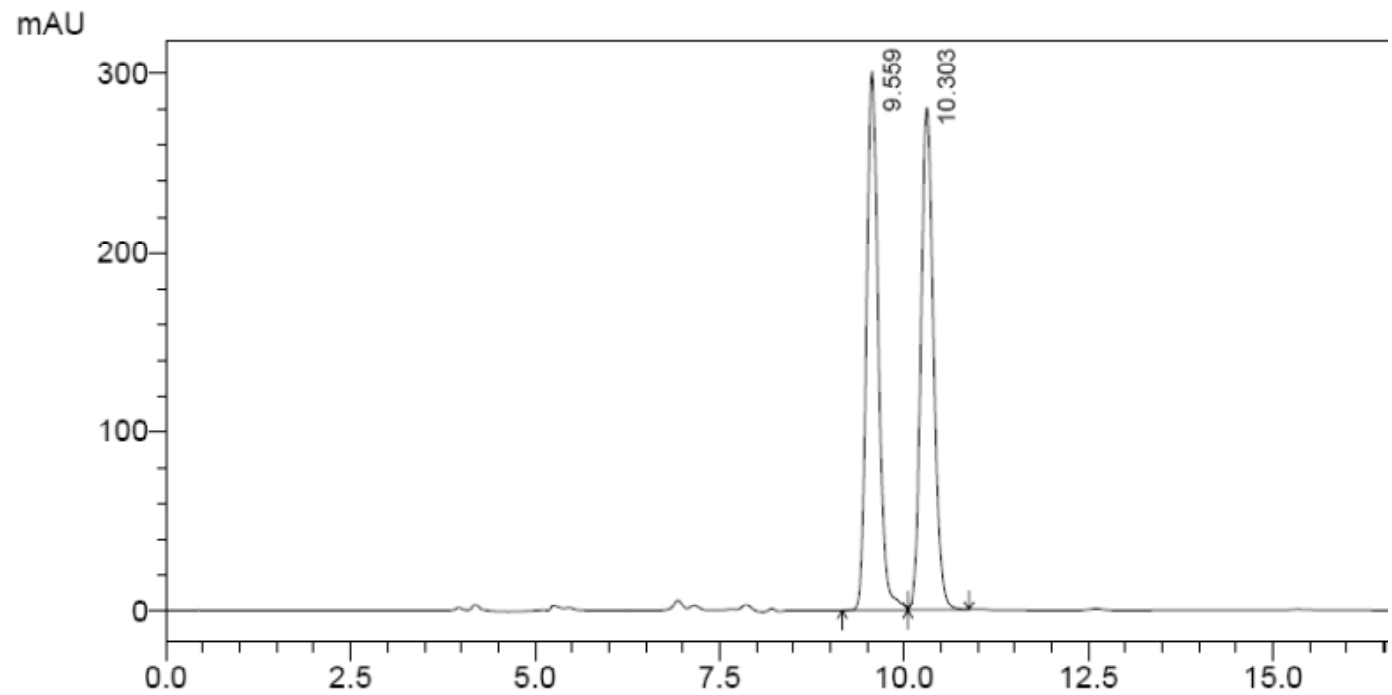


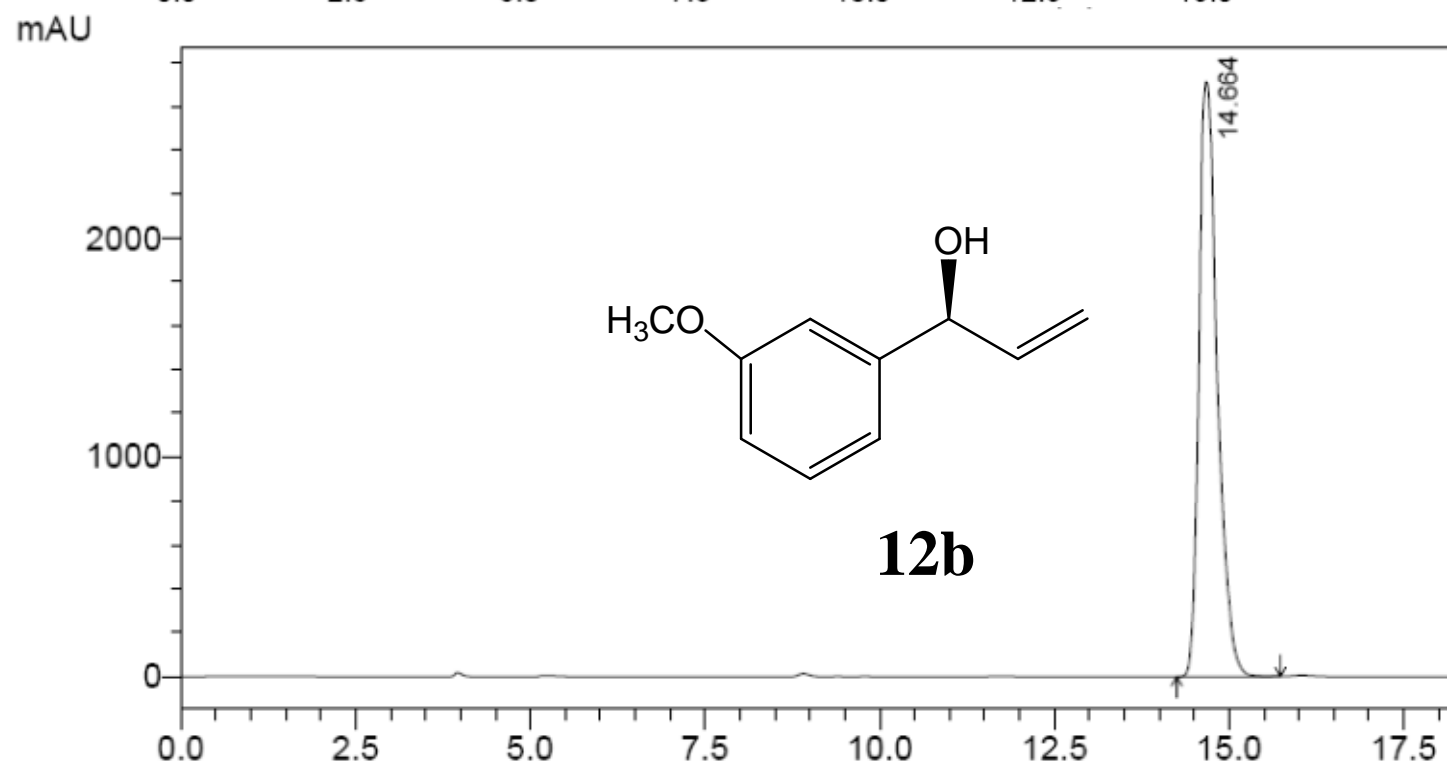
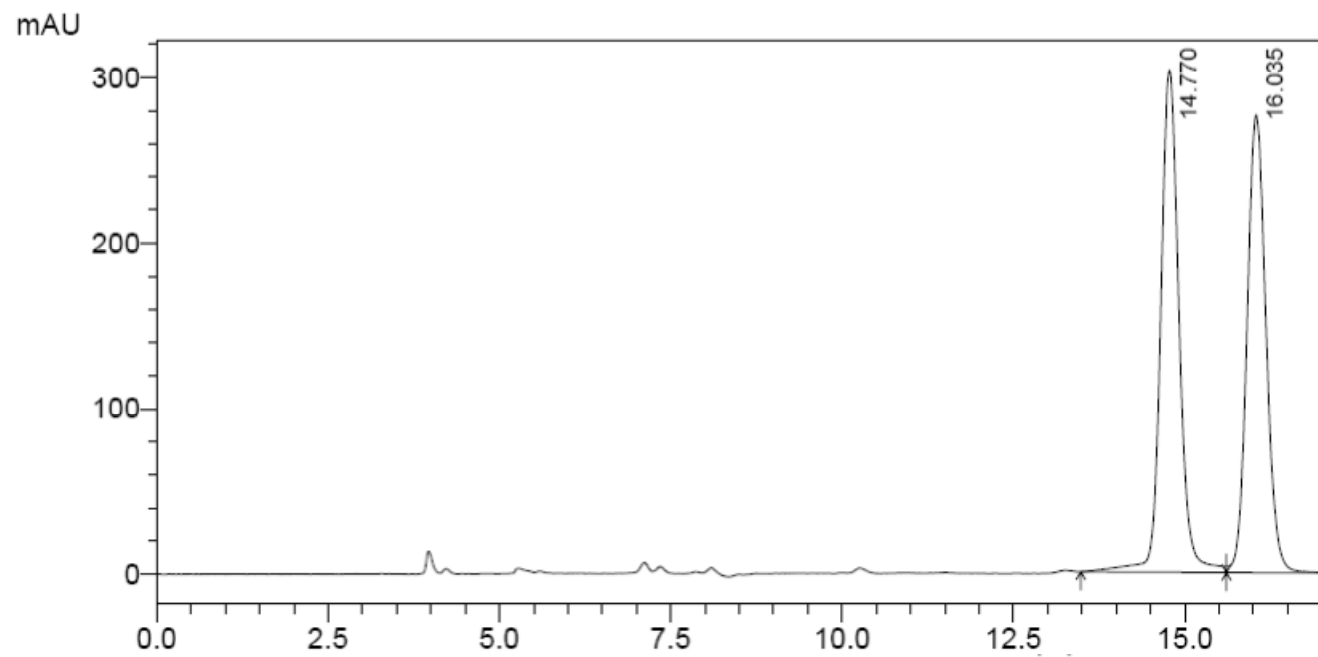


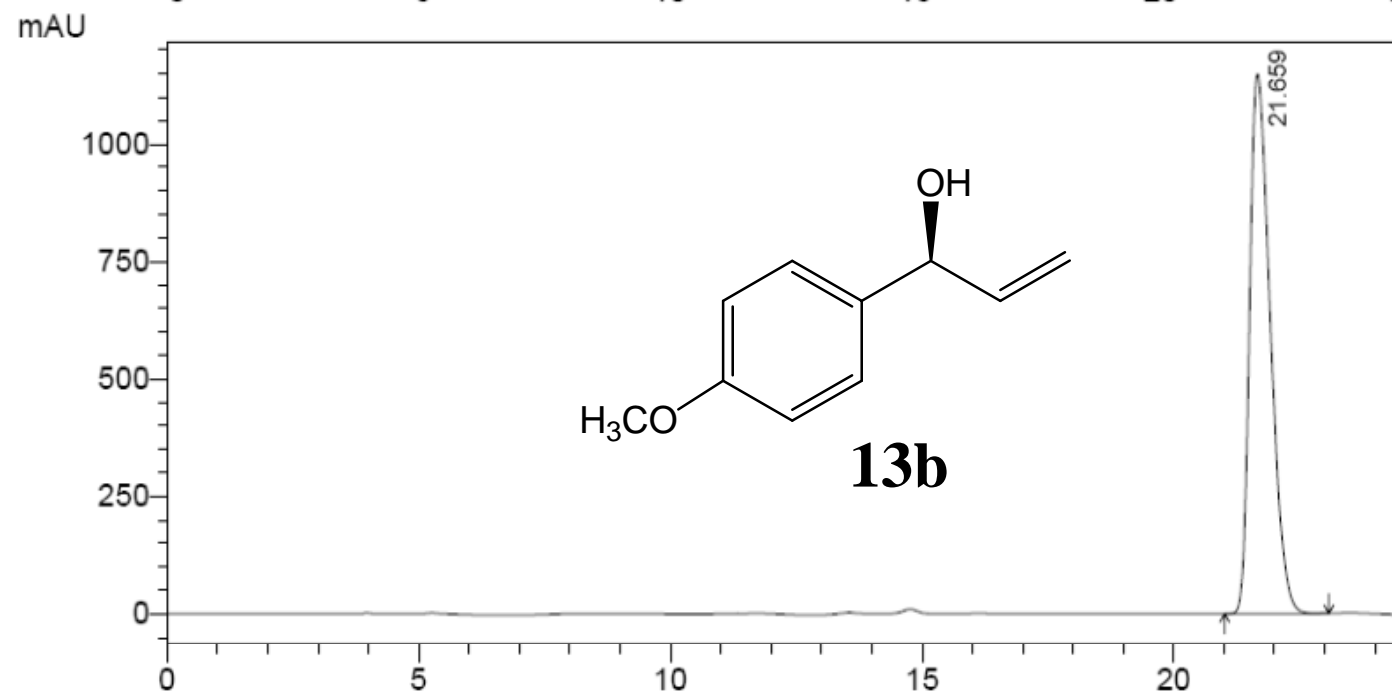
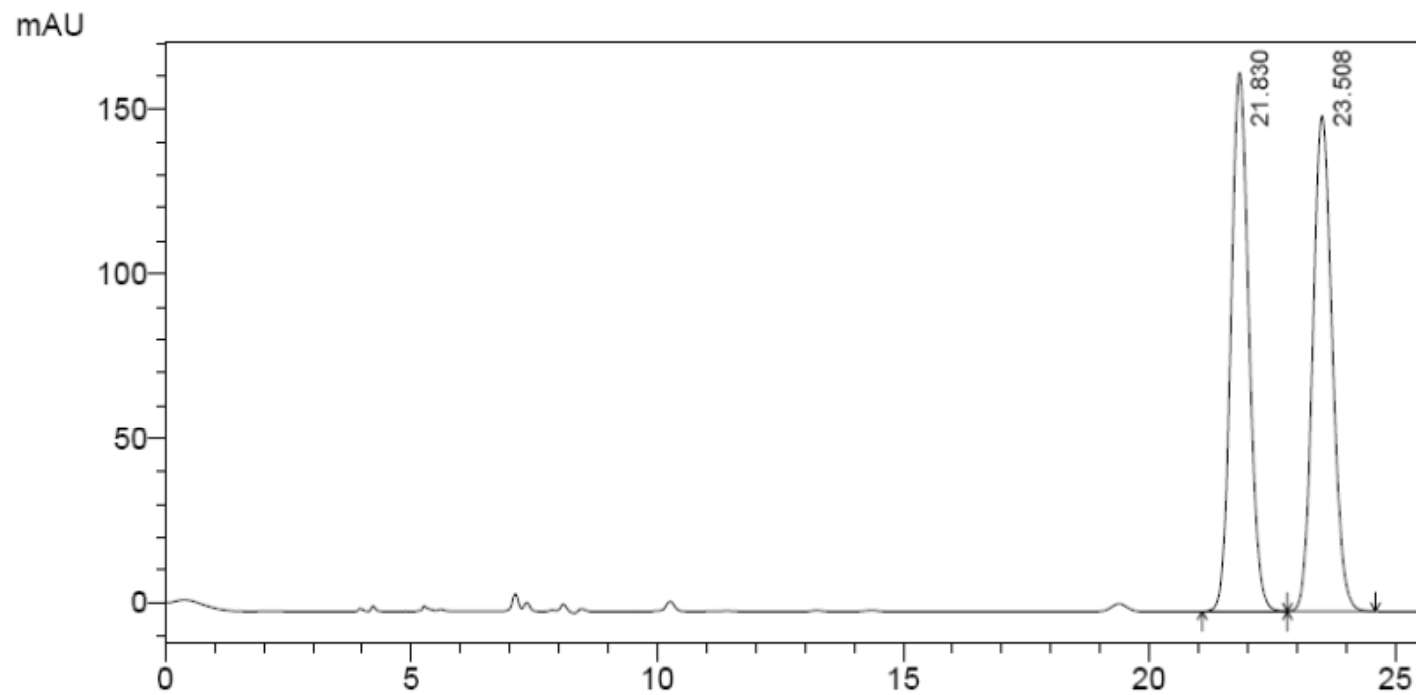


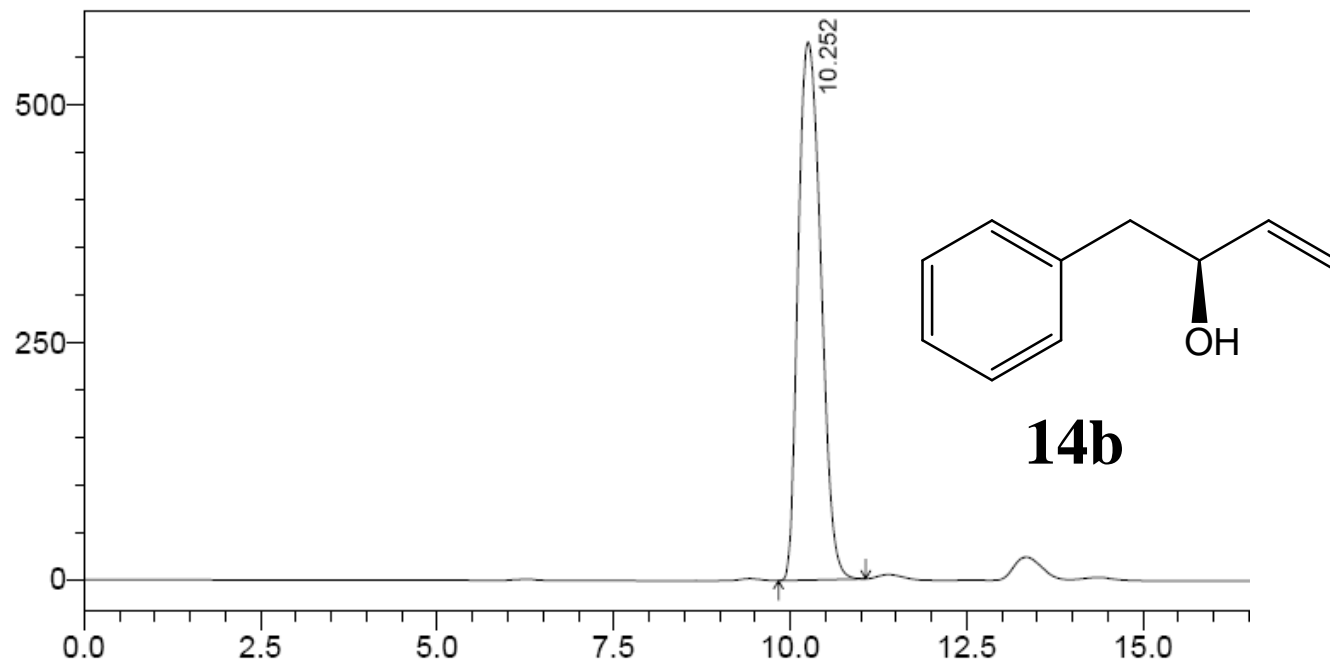
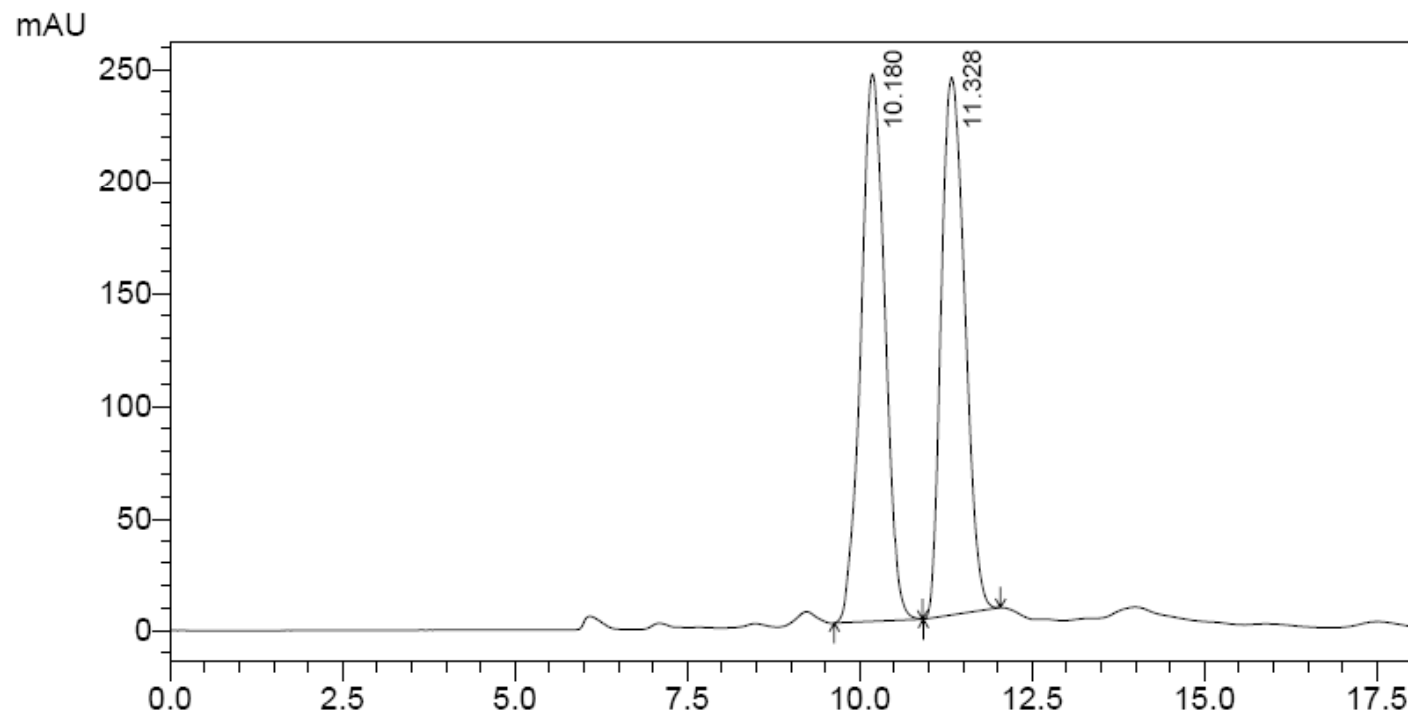


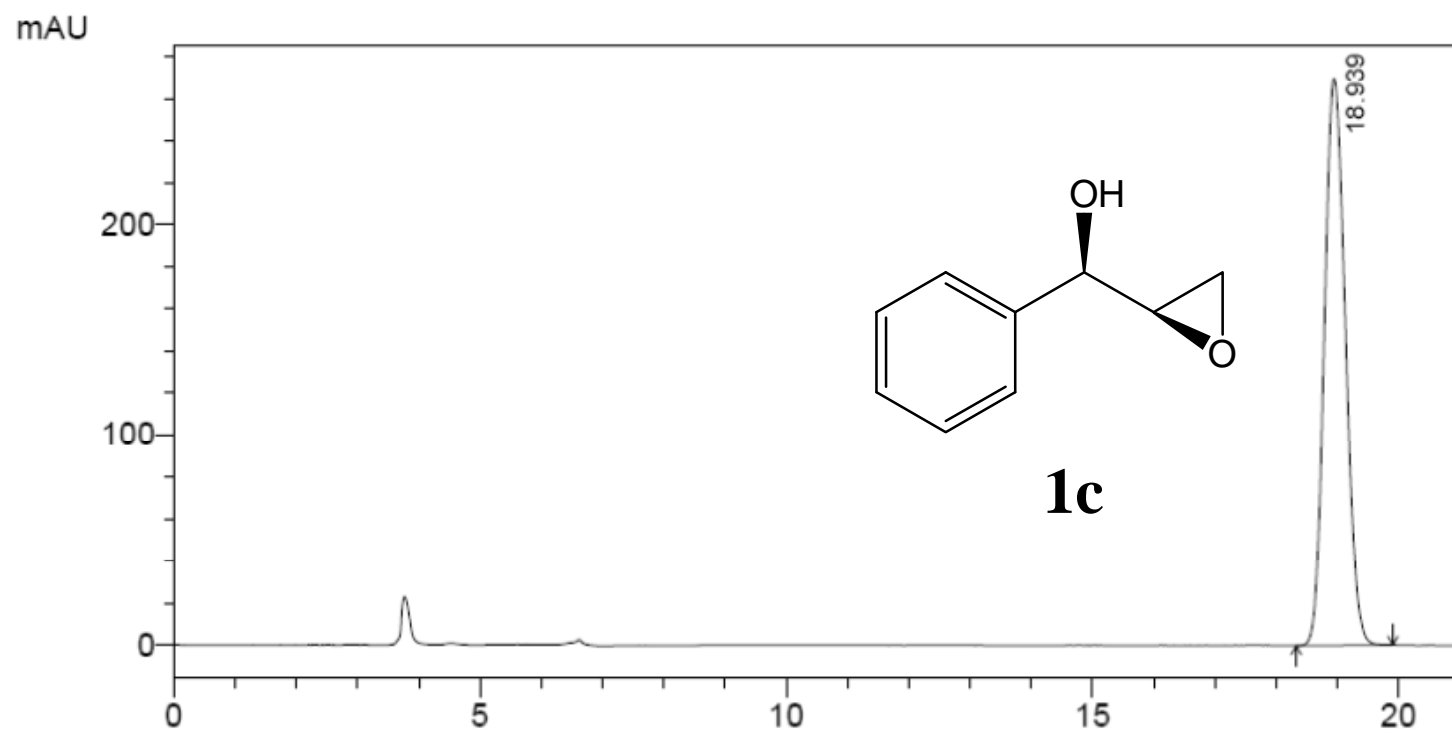
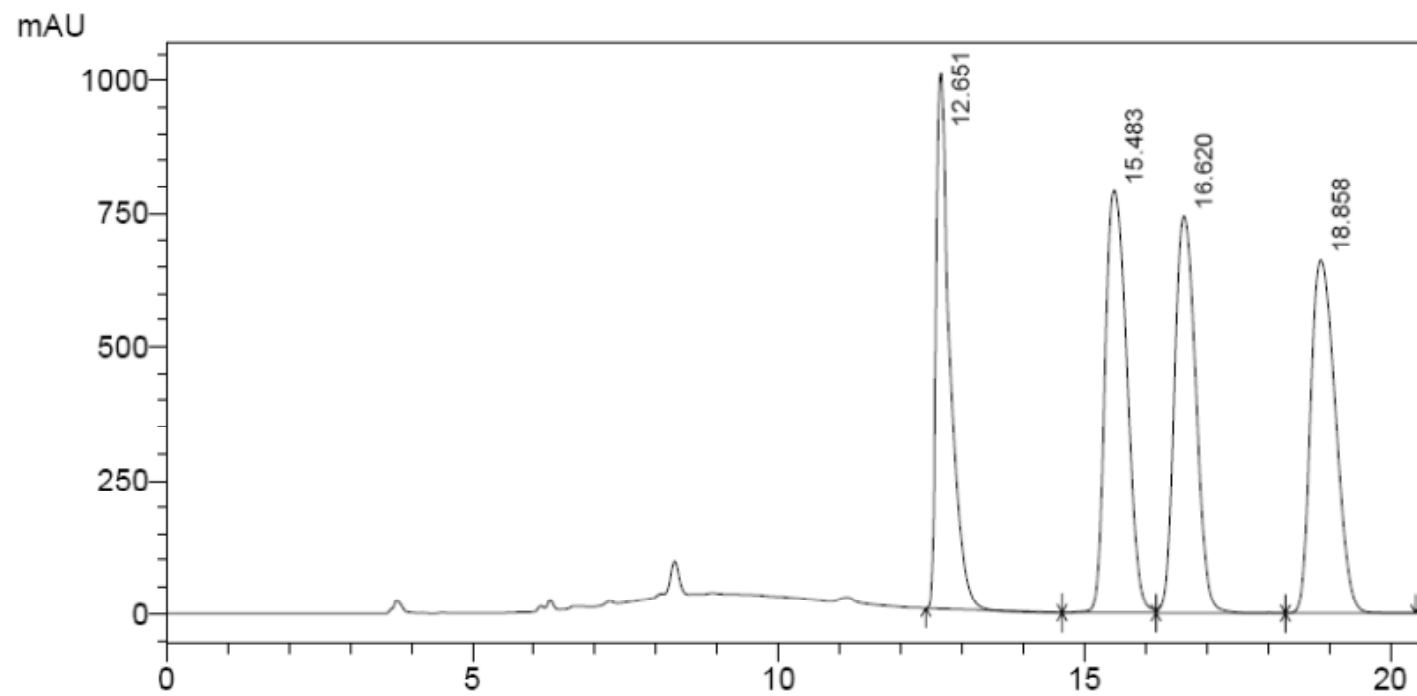




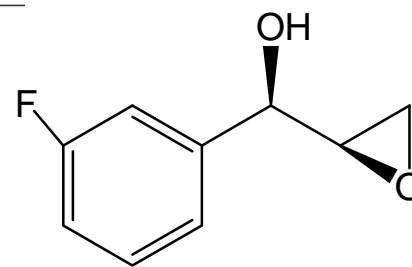
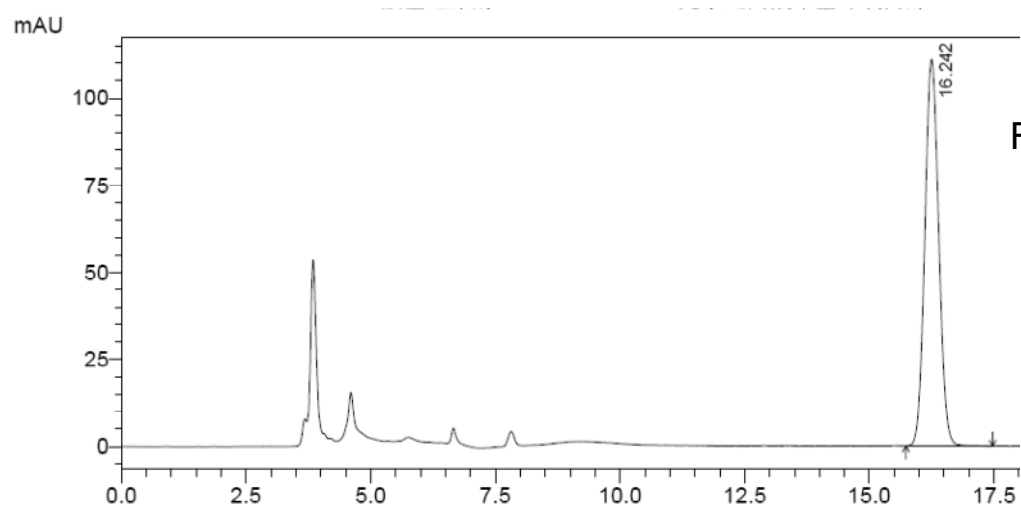
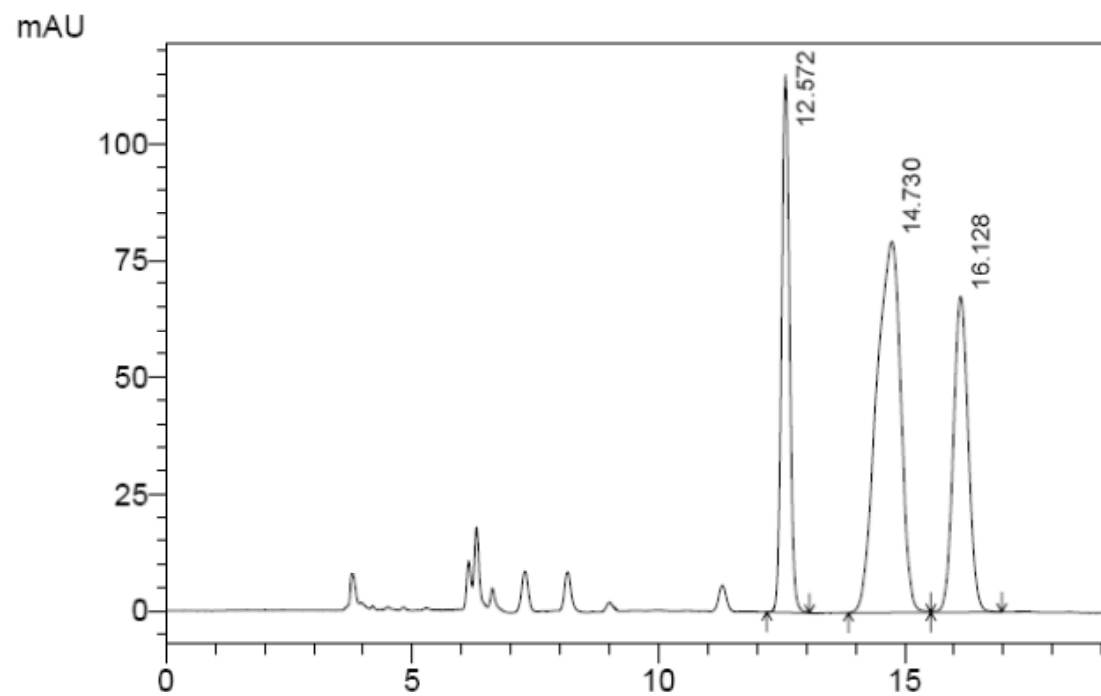




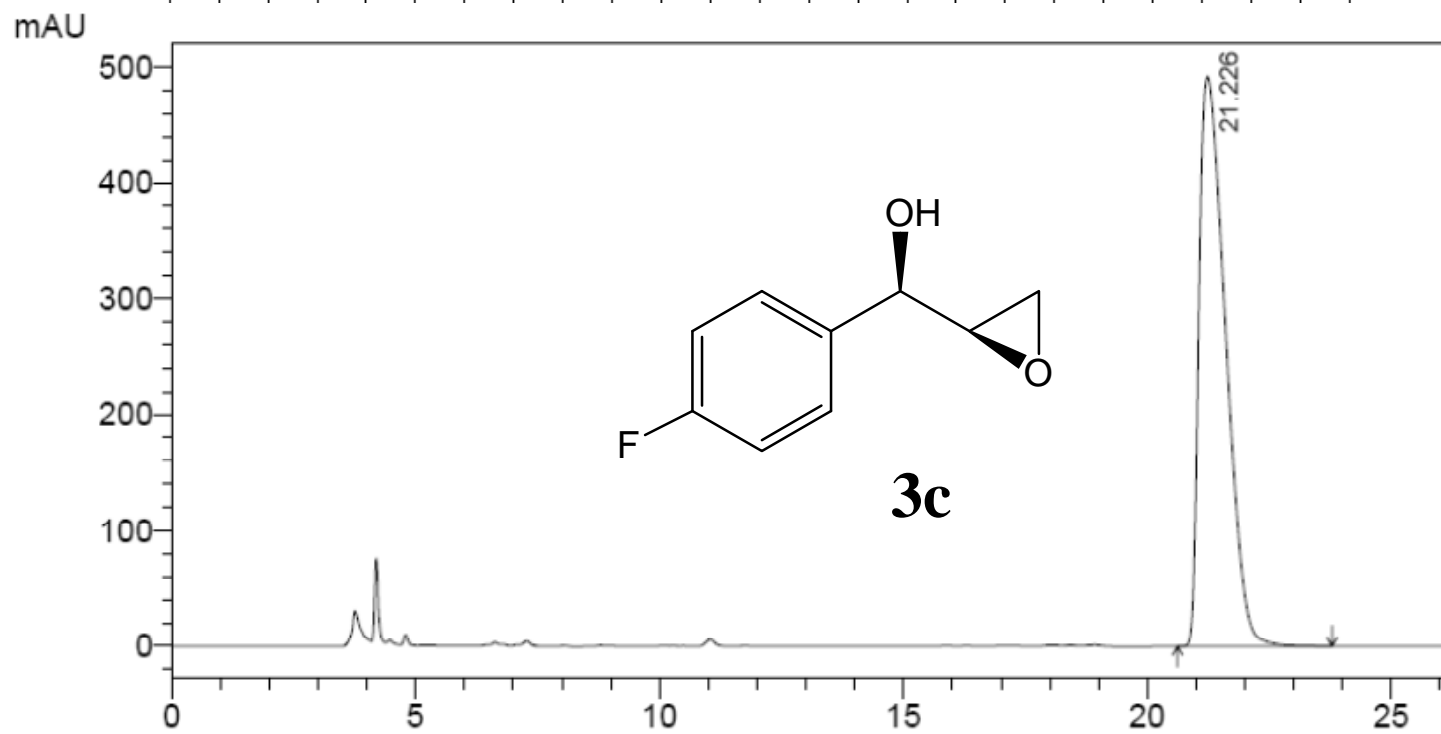
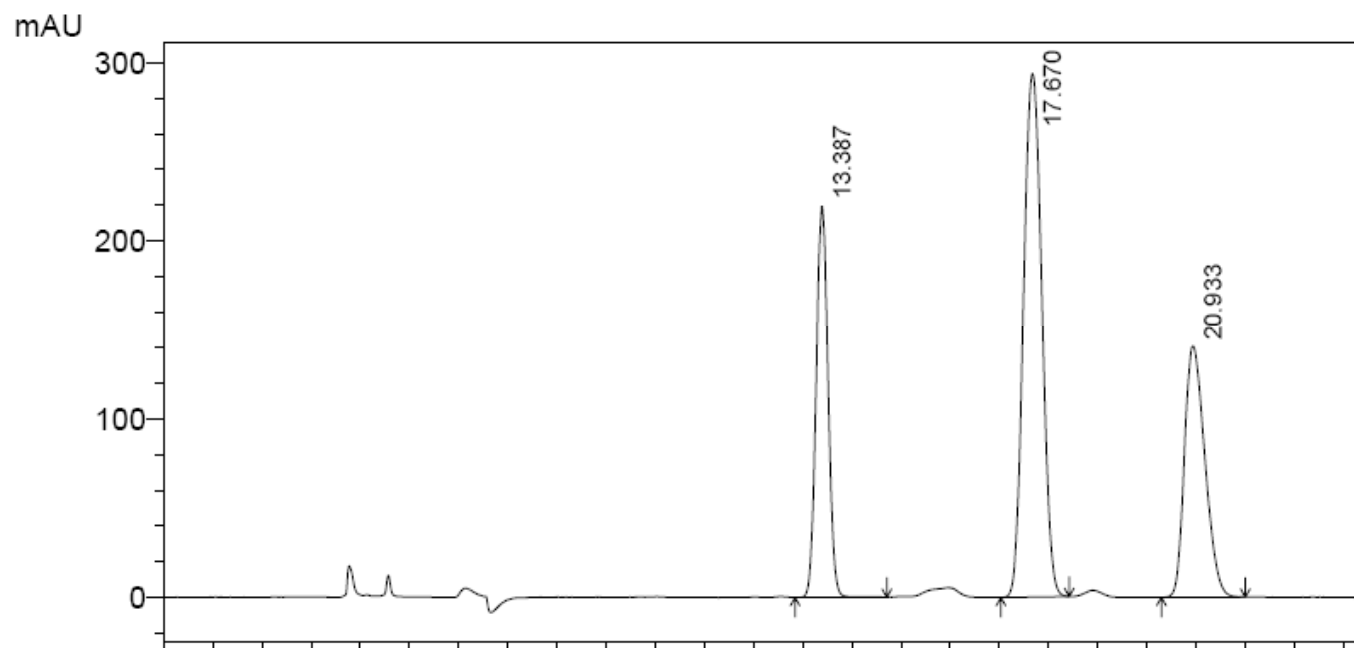


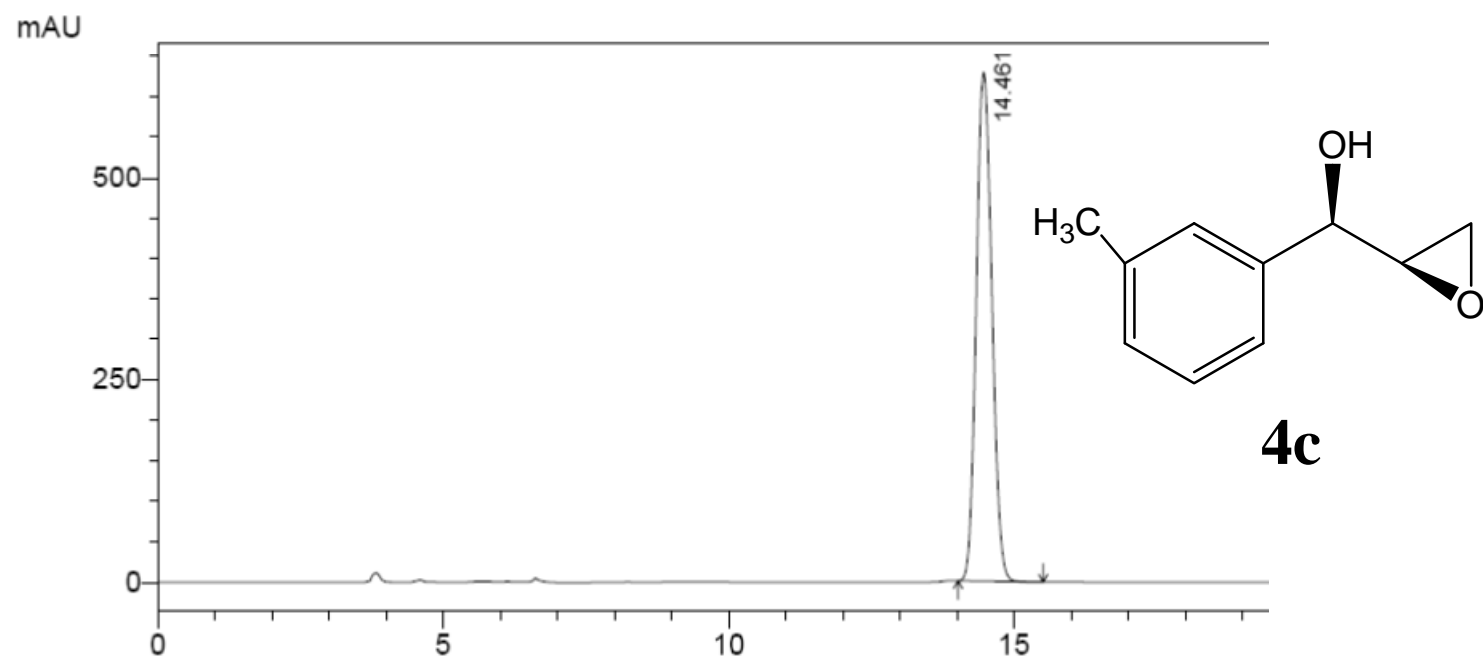
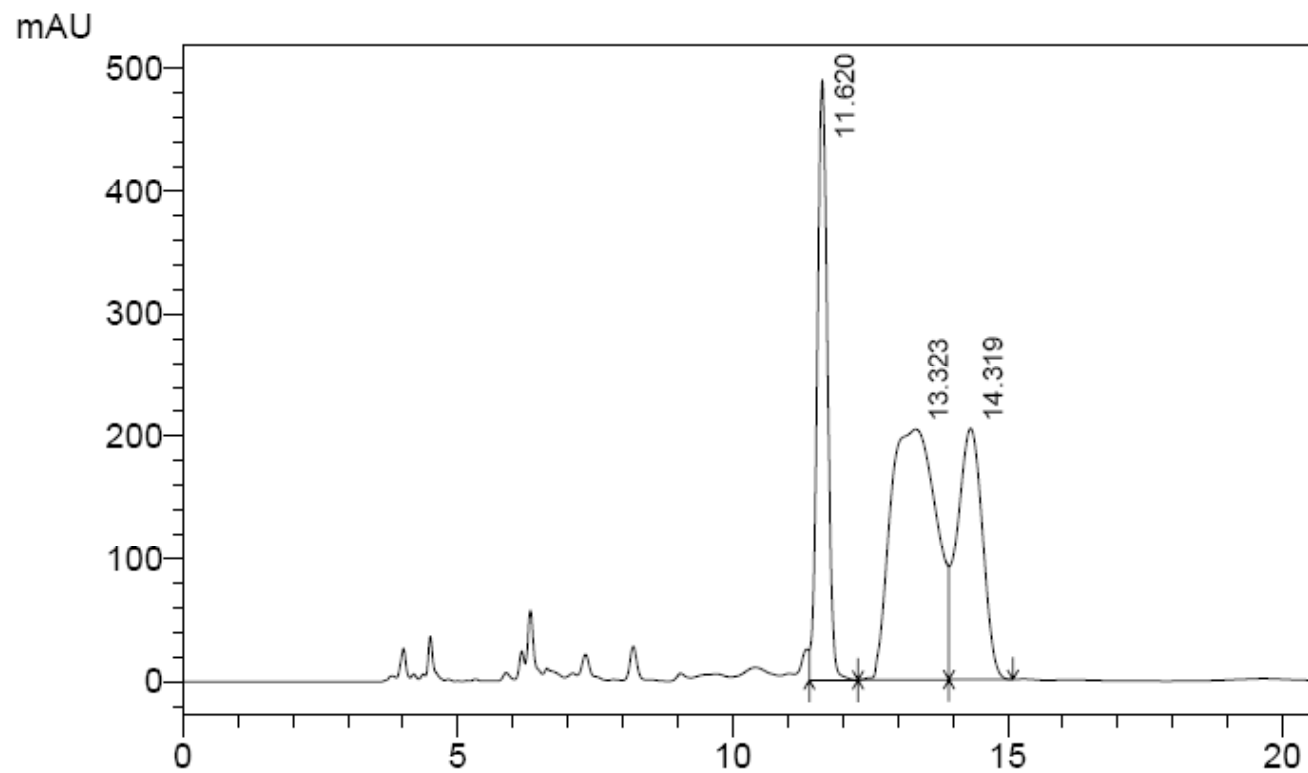


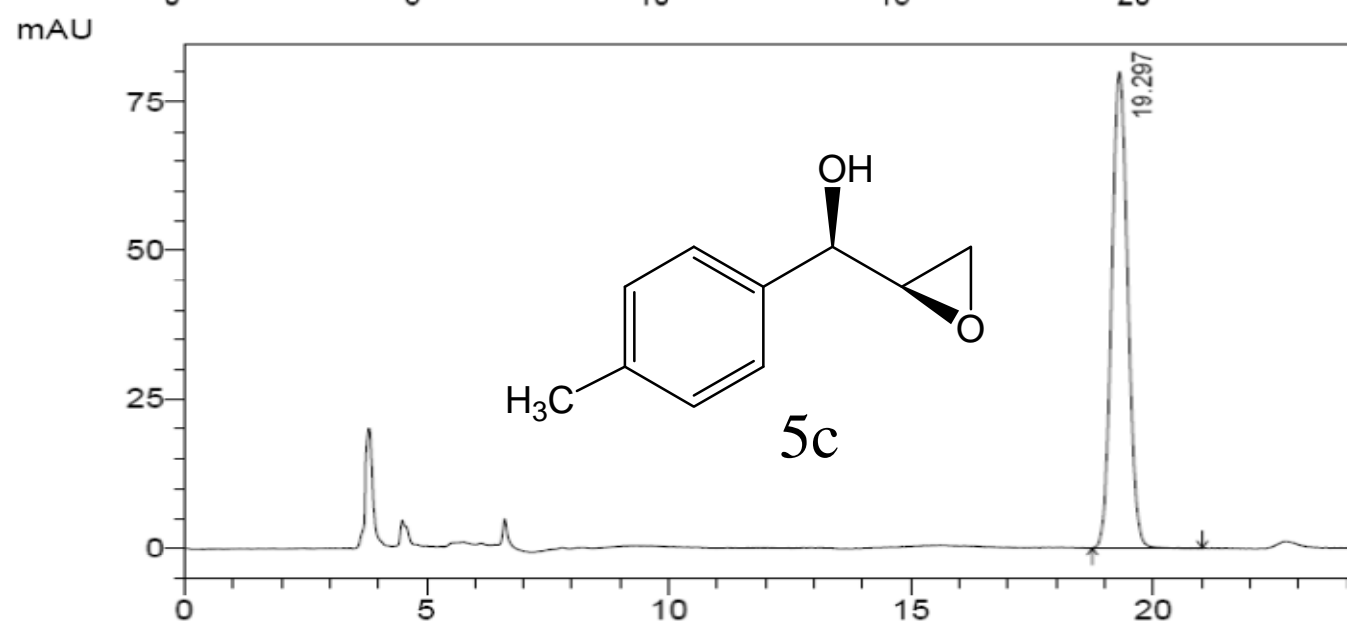
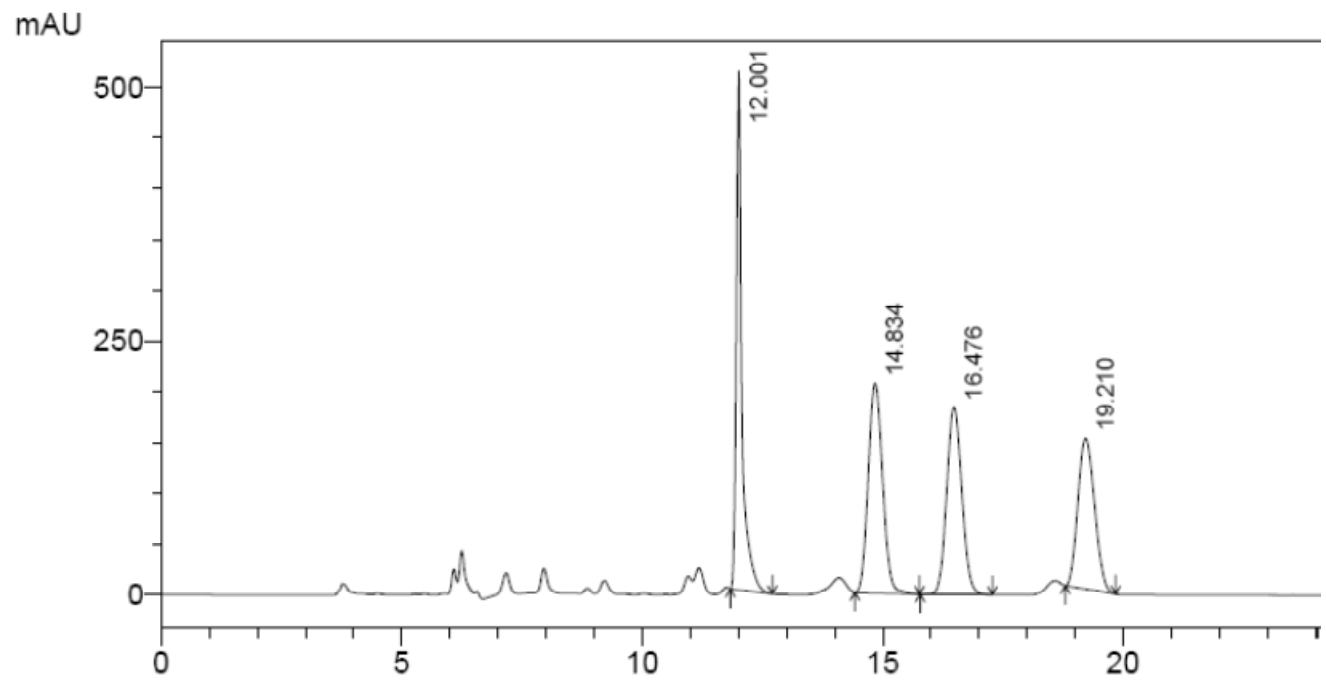


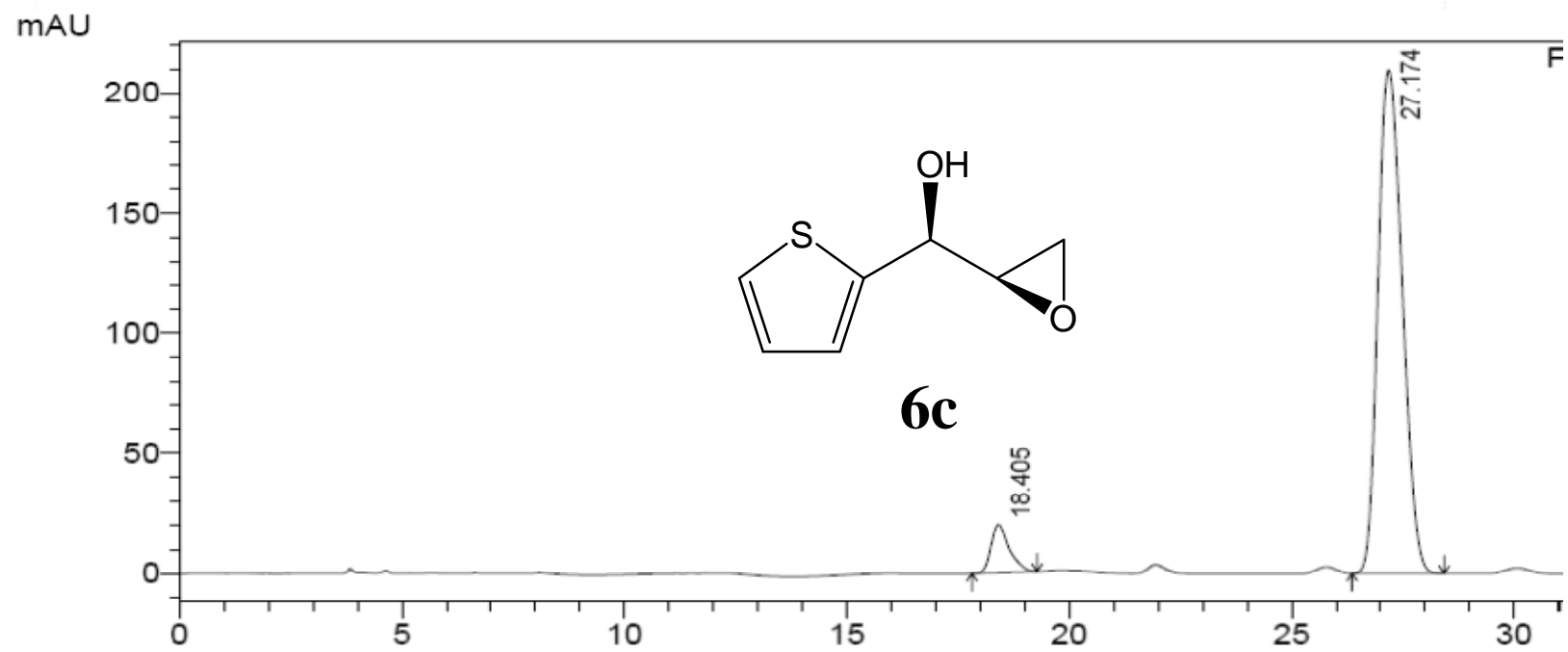
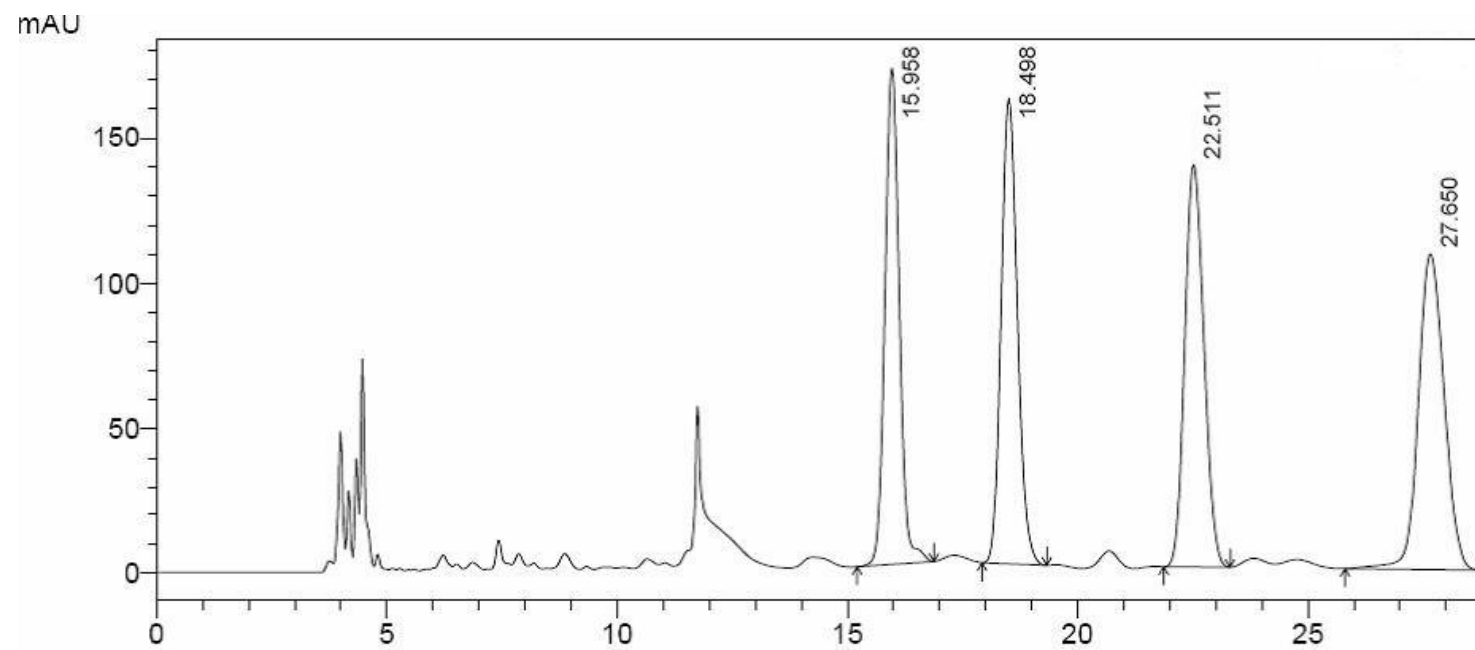


**2c**

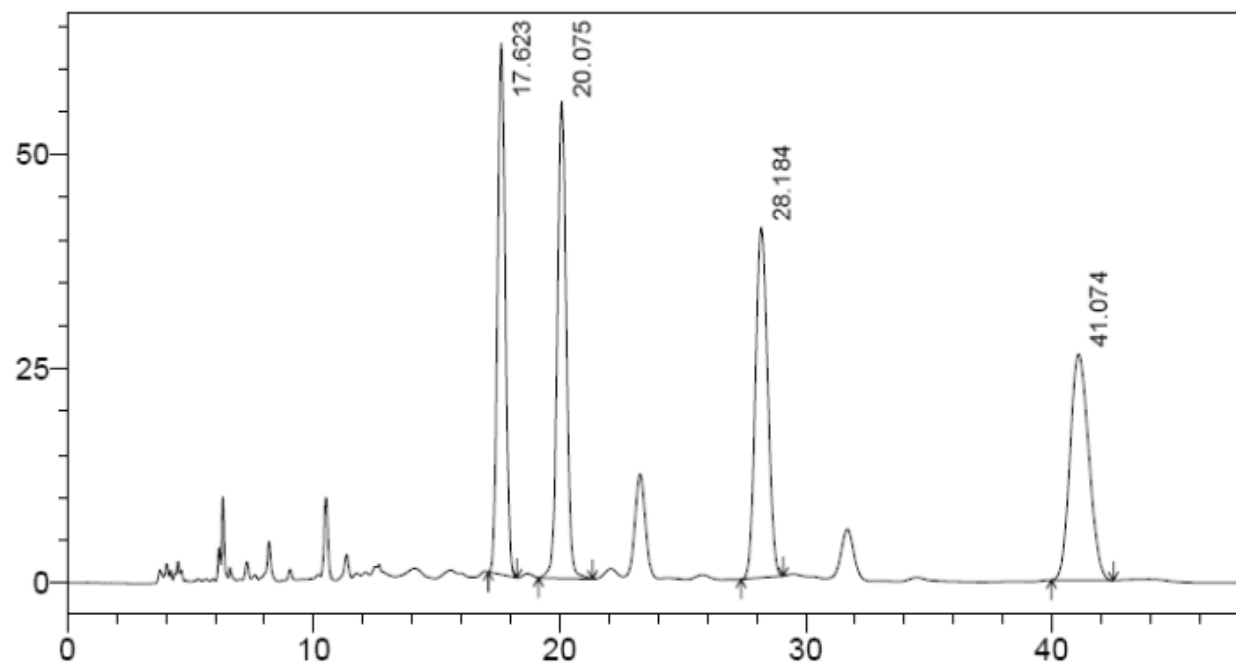








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