

## SUPPLEMENTARY INFORMATION

### Selective hydrosilylation of norbornadiene-2,5 by monohydrosiloxanes

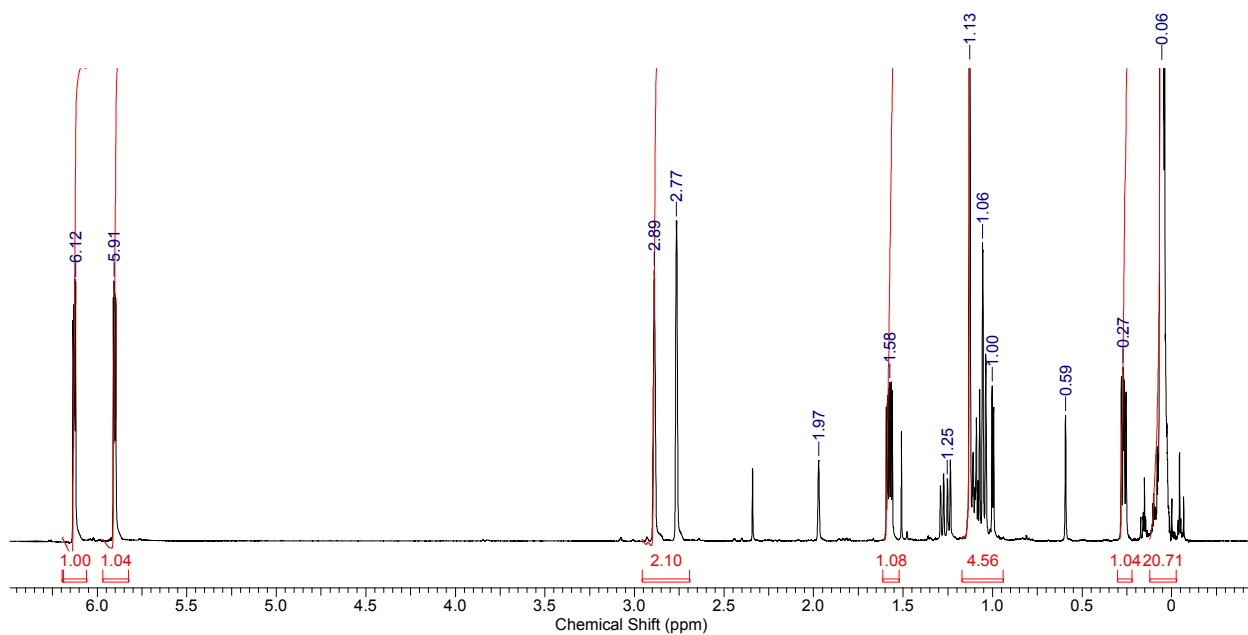
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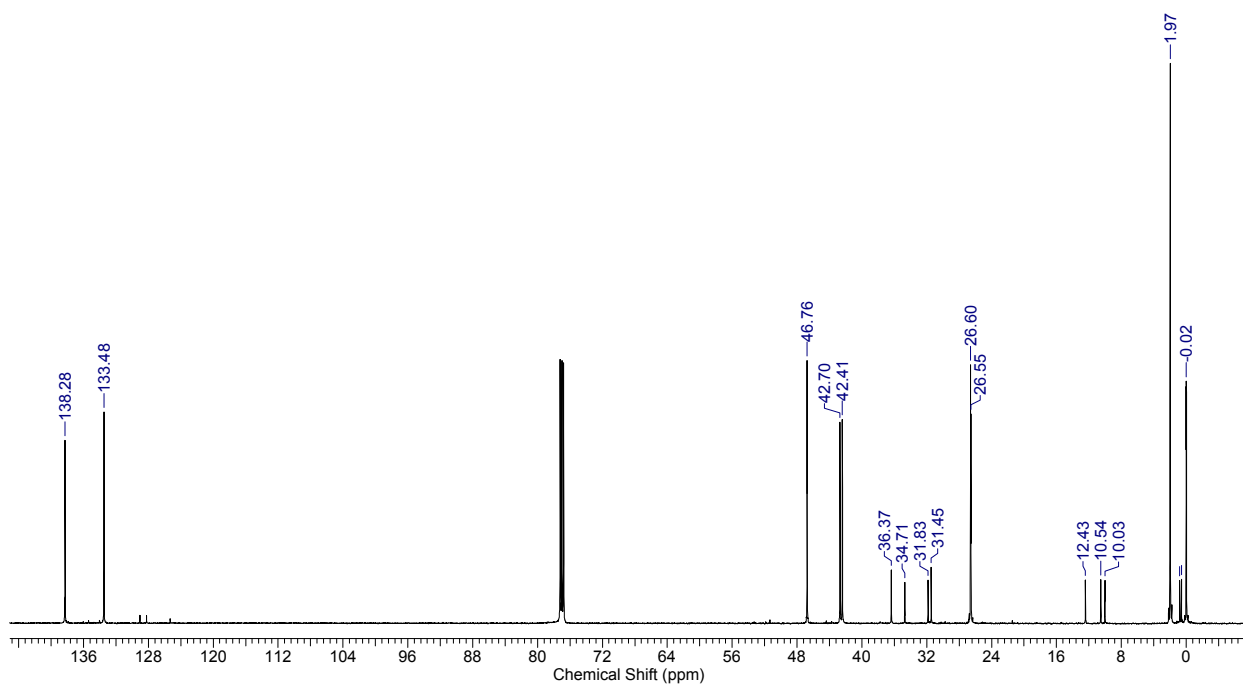
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<sup>c</sup>*A.N. Frumkin Institute of Physical Chemistry and Electrochemistry of Russian Academy of Sciences, 31 bld.4 Leninsky prospekt, 119071 Moscow, Russia.*

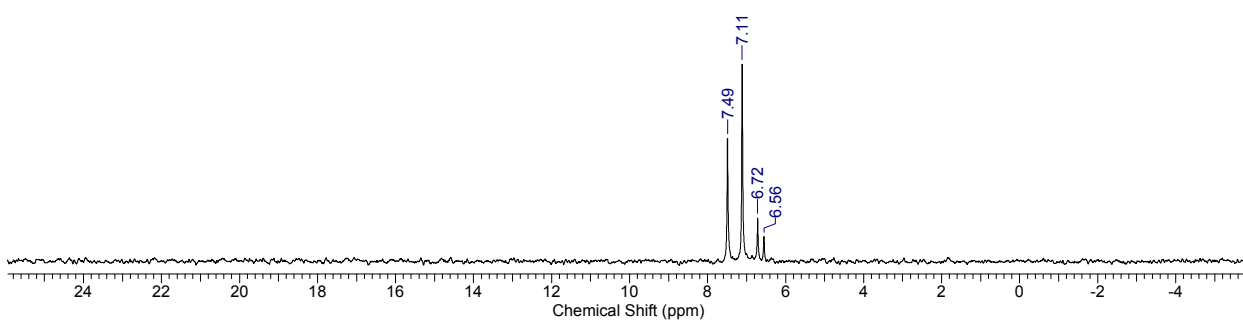
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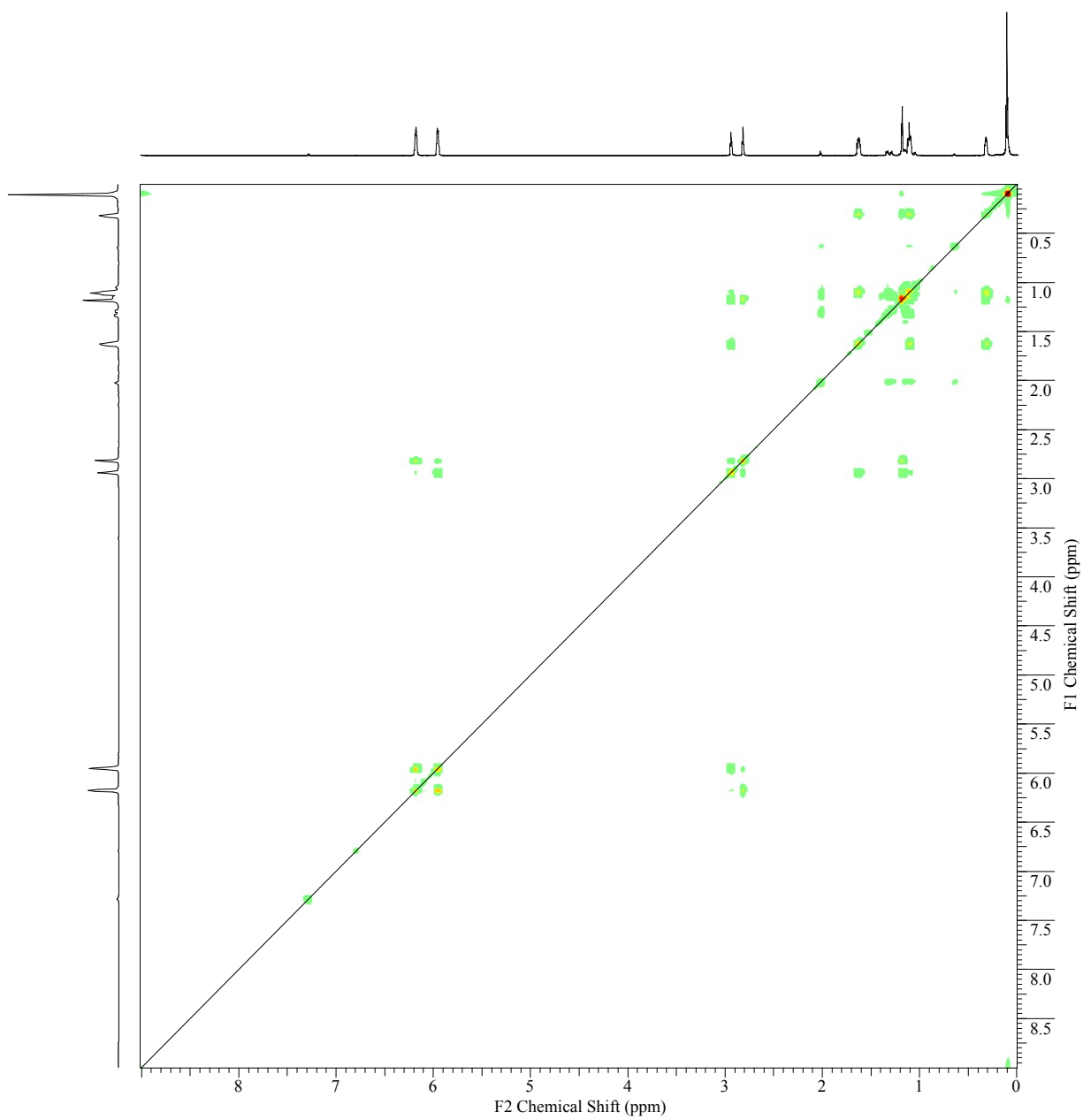
**Fig. S1**  $^1\text{H}$  NMR spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.



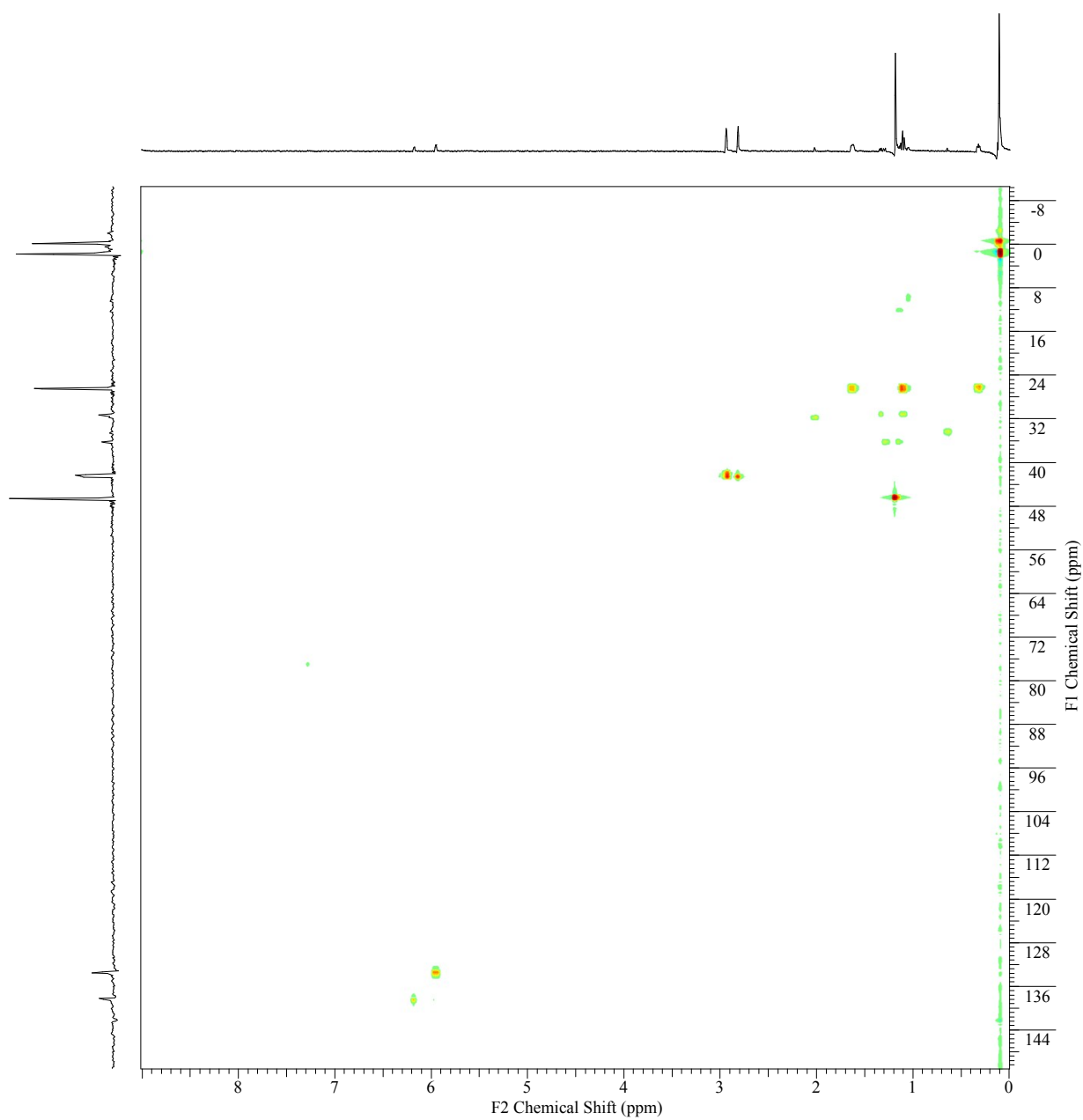
**Fig. S2**  $^{13}\text{C}$  NMR spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.



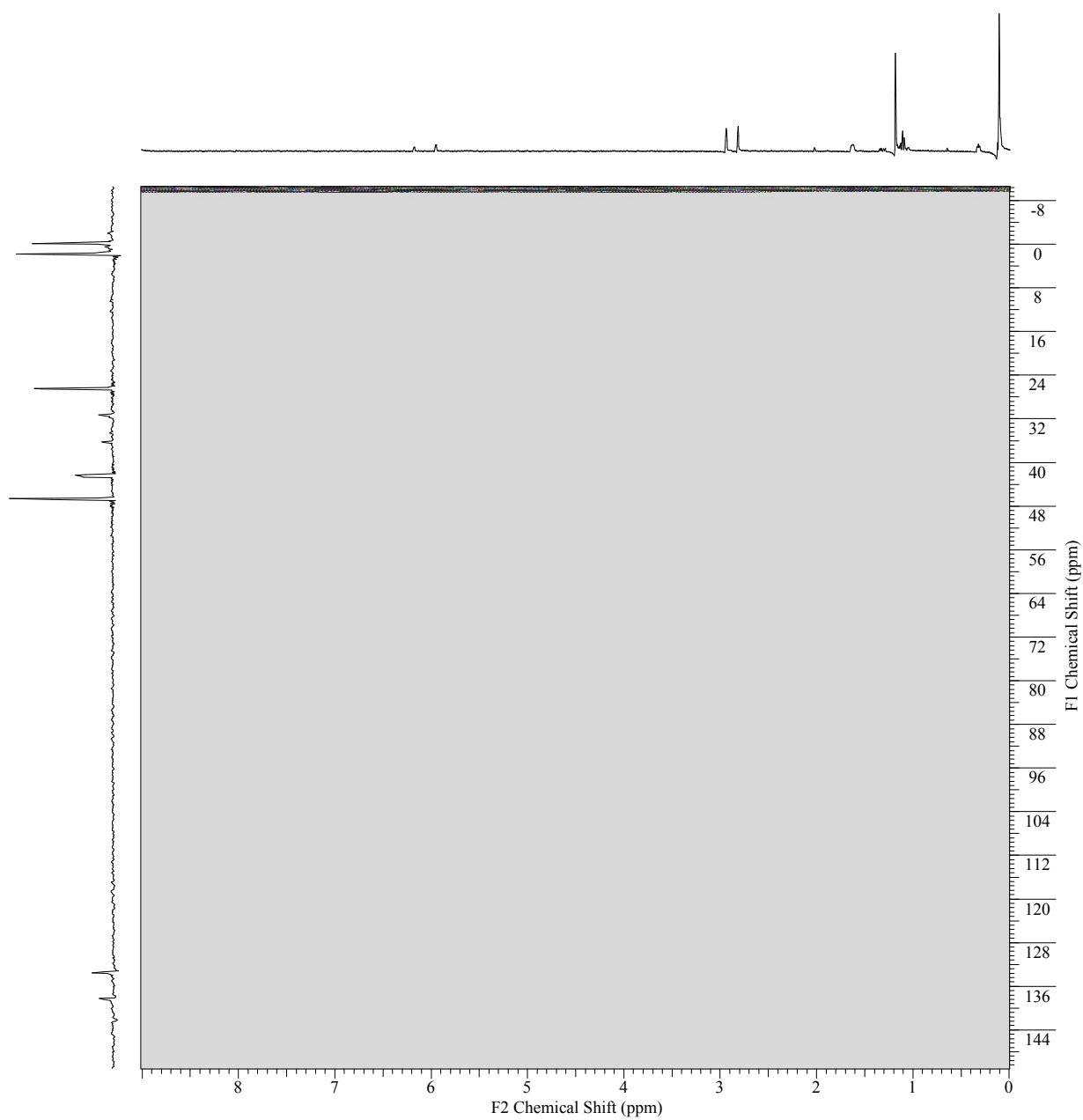
**Fig. S3**  $^{29}\text{Si}$  NMR spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.



**Fig. S4** COSY NMR spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.



**Fig. S5** HSQC NMR spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.



**Fig. S6** HMBC NMR spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.

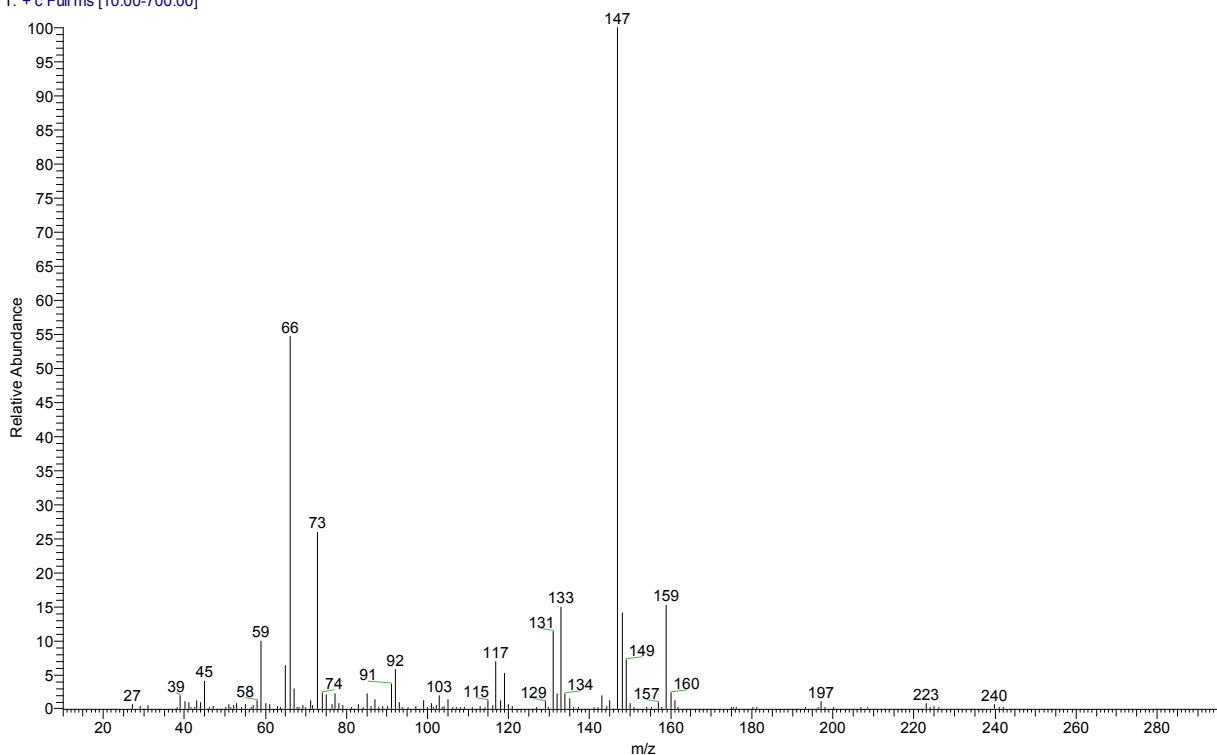


Fig. S7 Mass-spectrum of 1,1,3,3,3-pentamethyl-1-(5-*exo*-norbornene-2-yl)disiloxane.

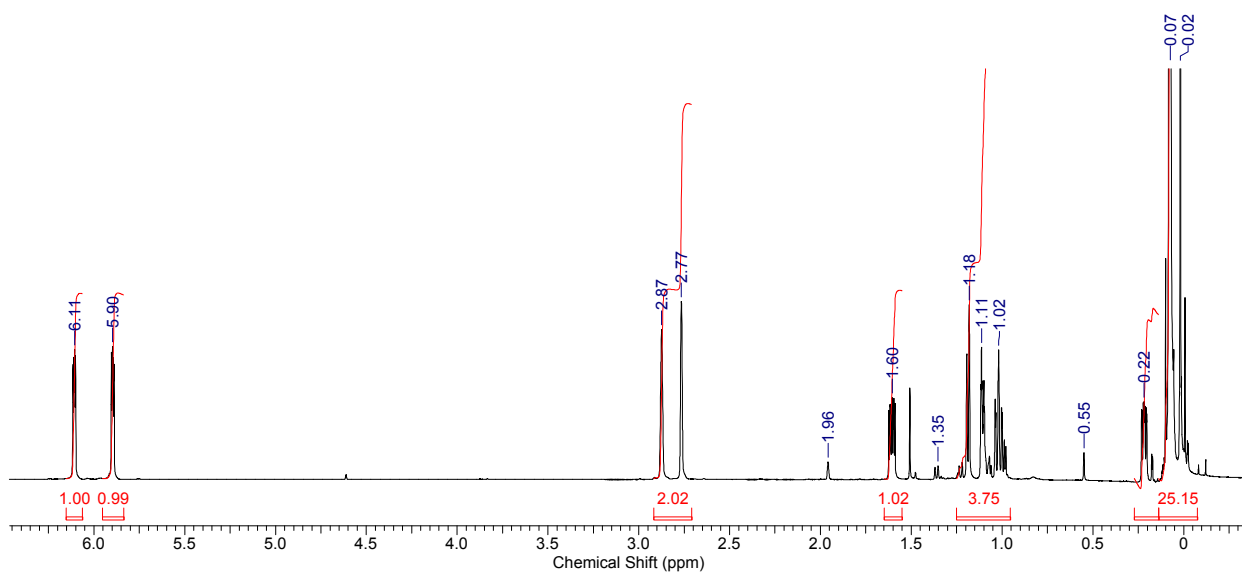
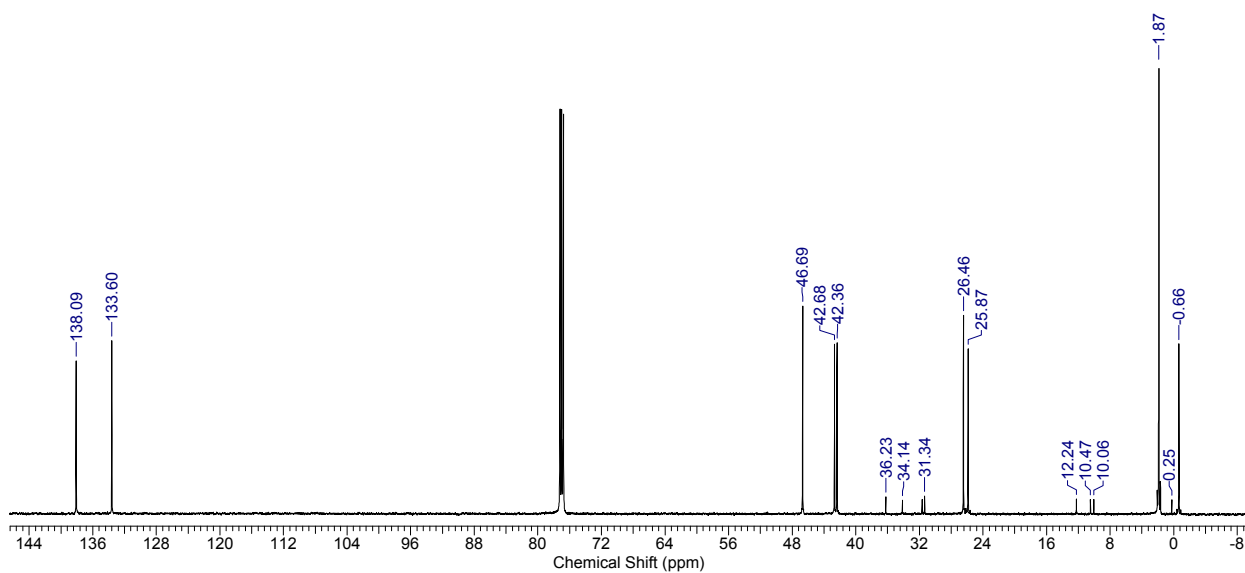
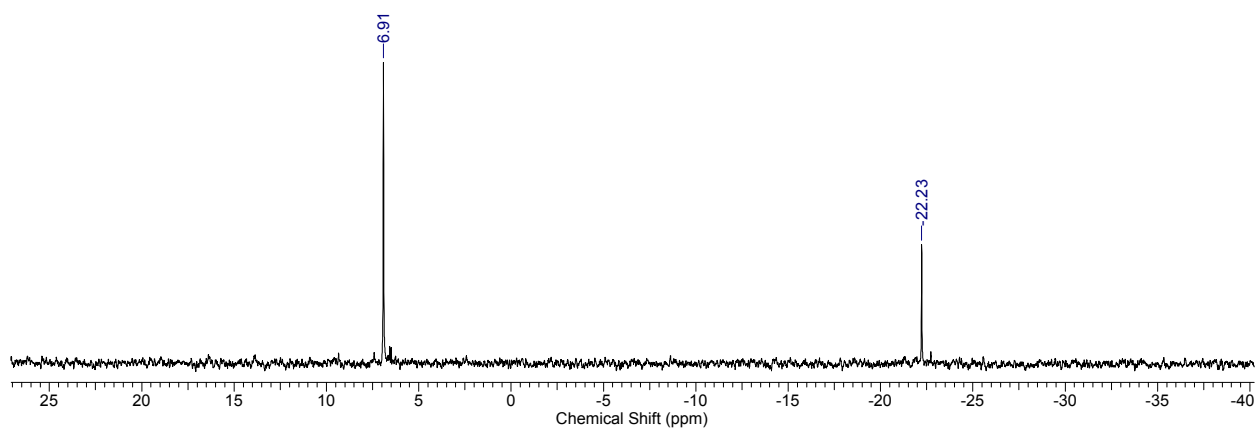


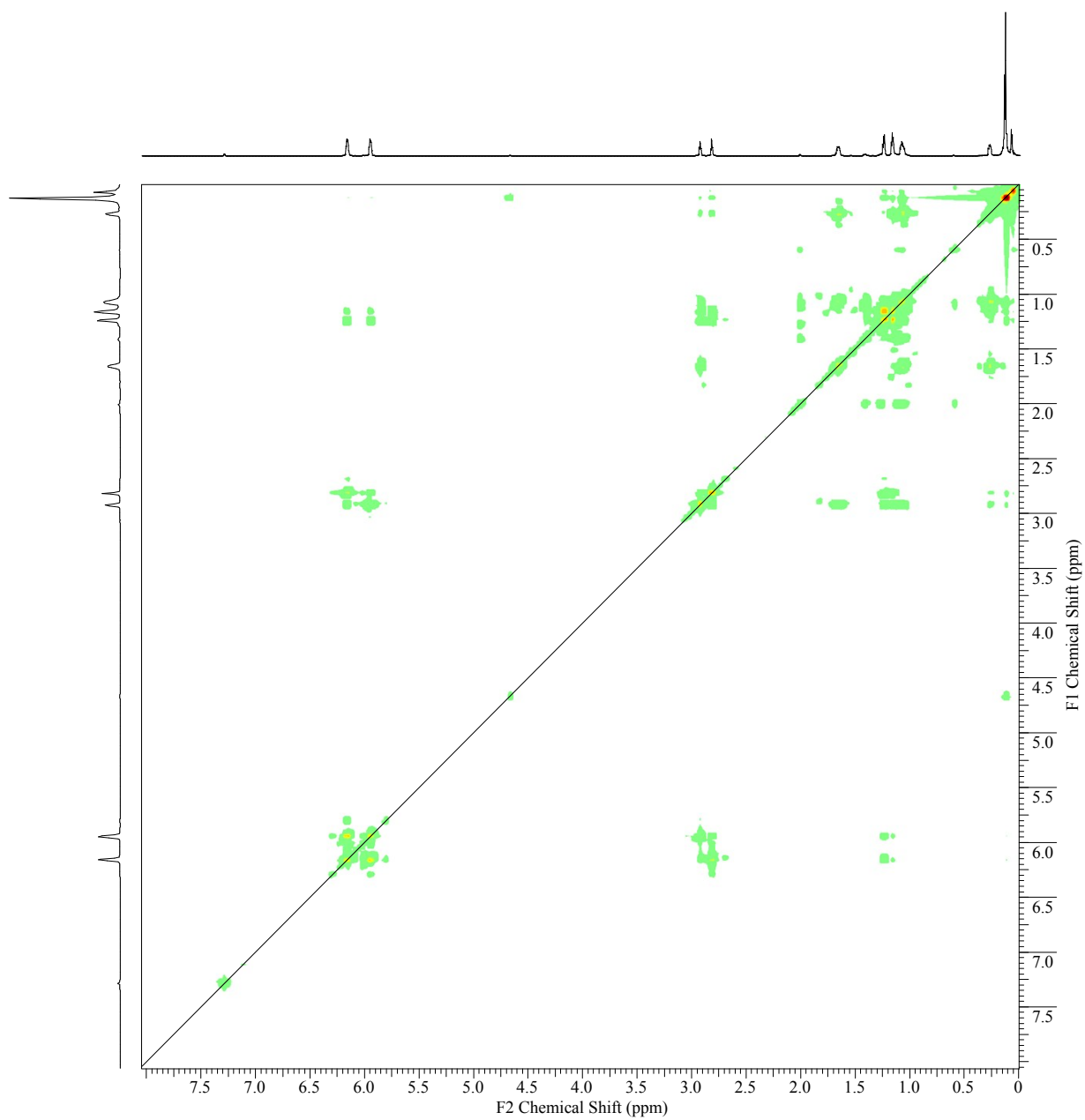
Fig. S8 <sup>1</sup>H NMR spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.



**Fig. S9**  $^{13}\text{C}$  NMR spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.

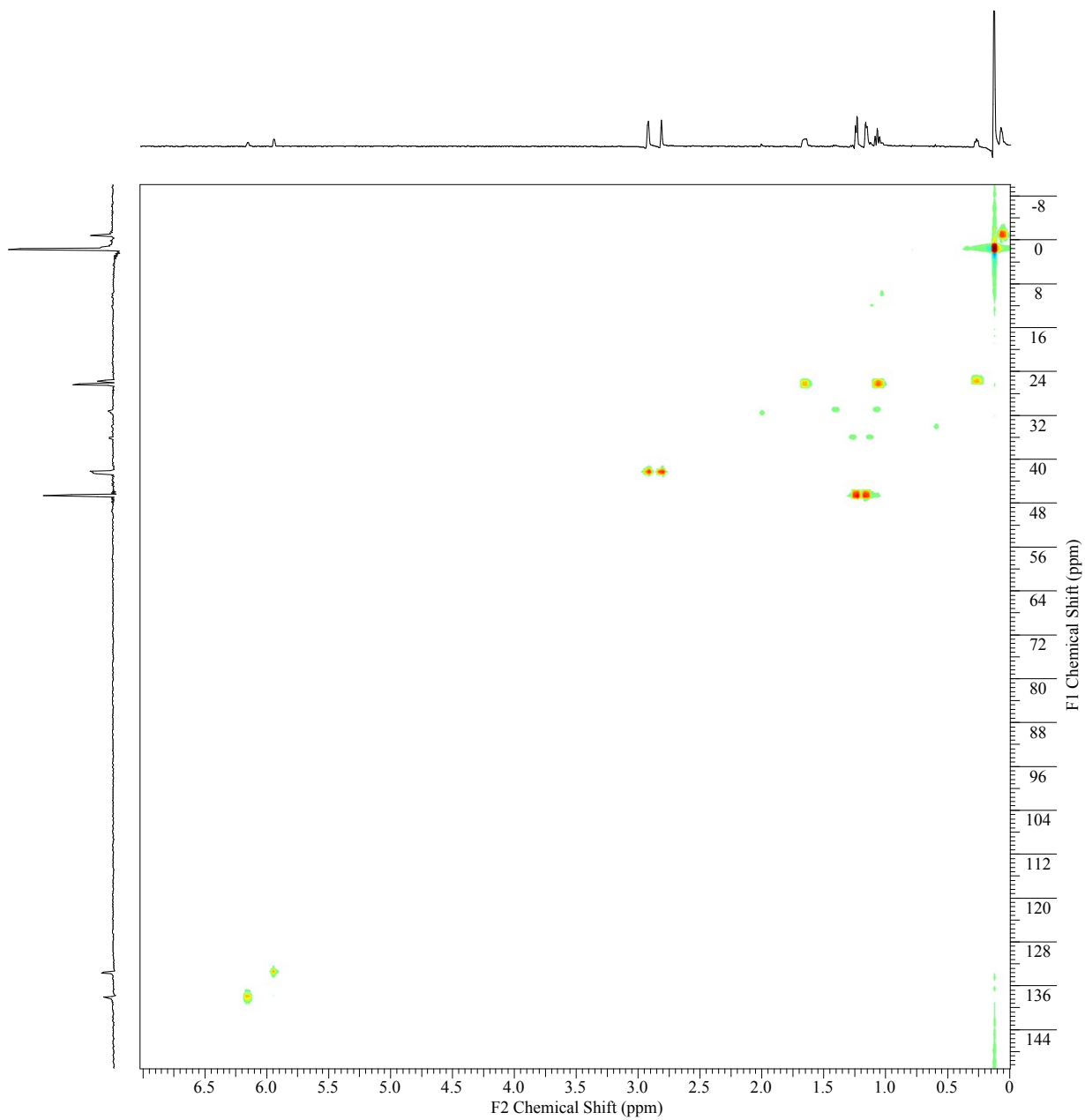


**Fig. S10**  $^{29}\text{Si}$  NMR spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.

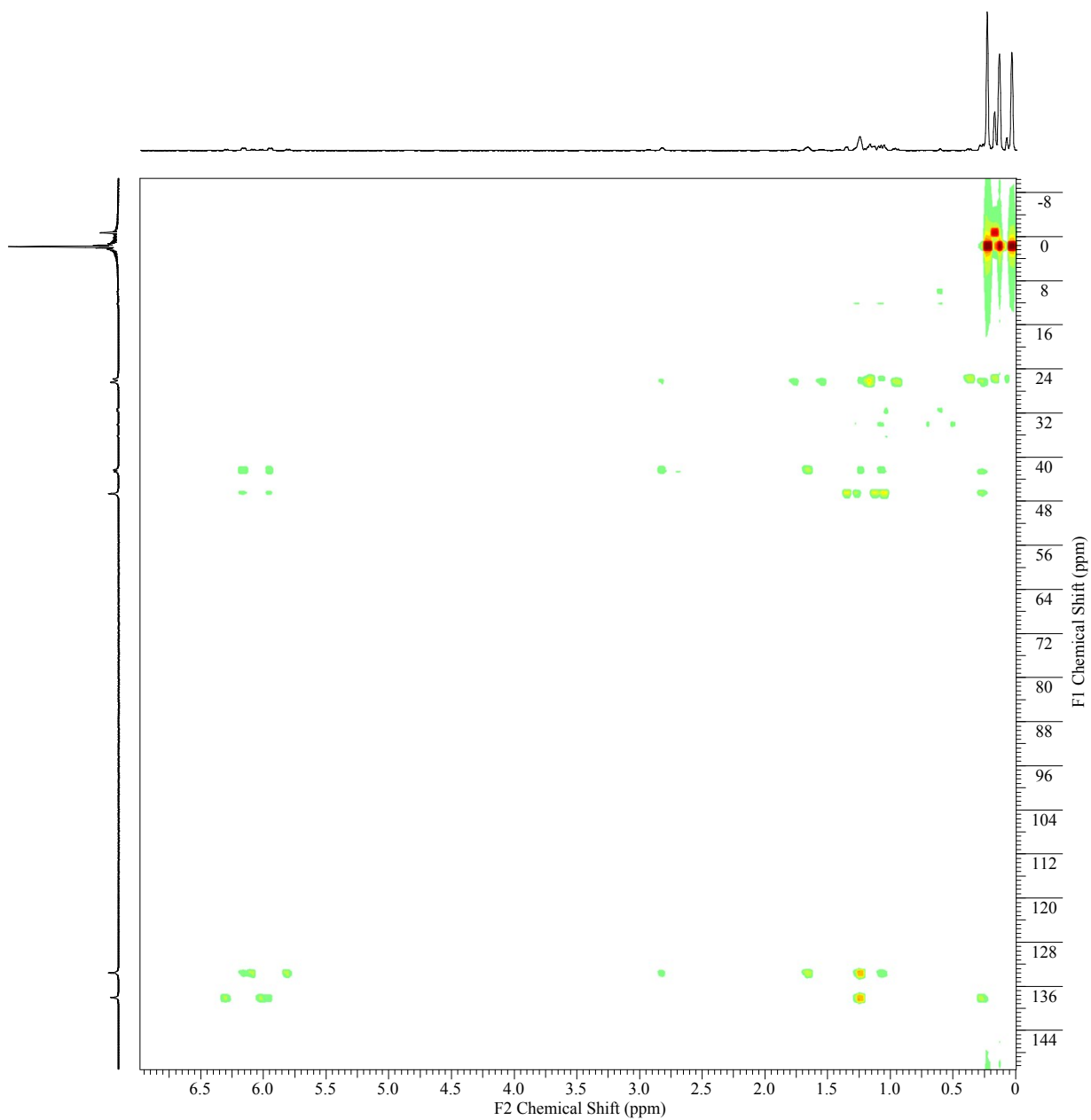


**Fig. S11** COSY NMR spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.



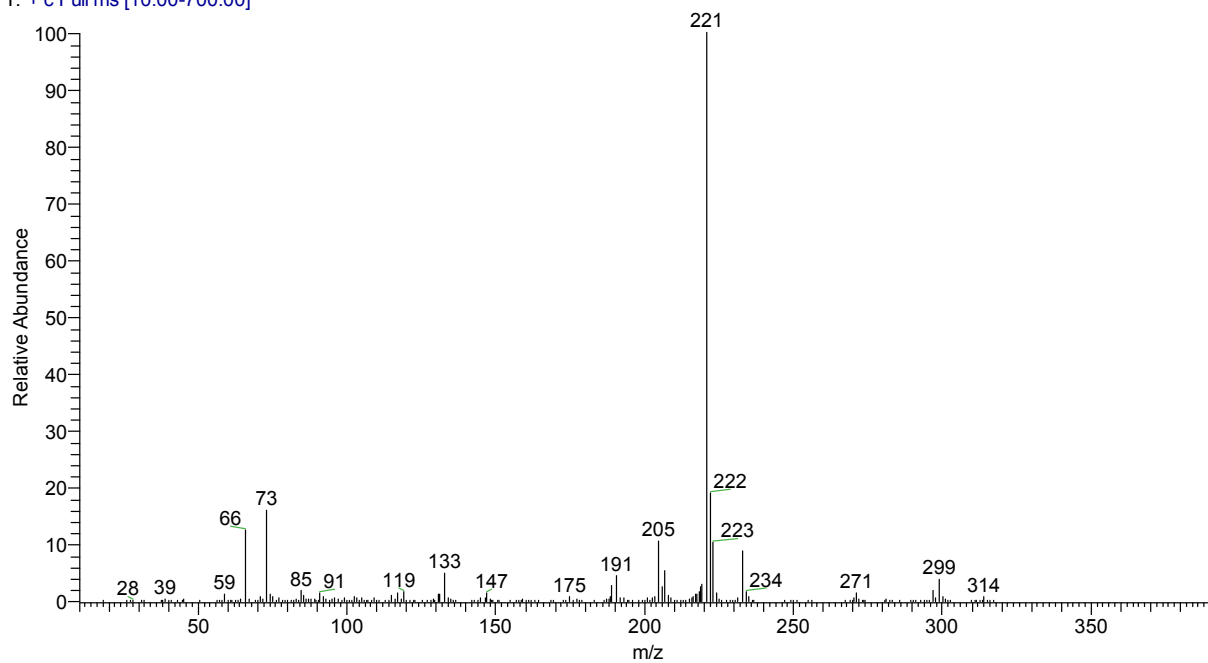


**Fig. S12** HSQC NMR spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.



**Fig. S13** HMBC NMR spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.

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T: + c Full ms [10.00-700.00]



**Fig. S14** Mass-spectrum of 1,1,1,3,5,5,5-heptamethyl-3-(5-*exo*-norbornene-2-yl)trisiloxane.