

## Supporting Information For

### **1-Hexene: A Renewable C6 Platform for Full-Performance Jet and Diesel Fuels**

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#### **Contents**

	<u>Page</u>
<sup>1</sup> H NMR spectrum for 5-methyleneundecane .....	S2
<sup>13</sup> C NMR spectrum for 5-methyleneundecane .....	S2
<sup>1</sup> H NMR spectrum for 5-methylundecane .....	S3
<sup>13</sup> C NMR spectrum for 5-methylundecane .....	S3
<sup>1</sup> H NMR spectrum for 7-butyl-5-methylenetri-decane .....	S4
<sup>13</sup> C NMR spectrum for 7-butyl-5-methylenetri-decane .....	S4
<sup>1</sup> H NMR spectrum for 7-butyl-5-methyltri-decane .....	S5
<sup>13</sup> C NMR spectrum for 7-butyl-5-methyltri-decane .....	S5

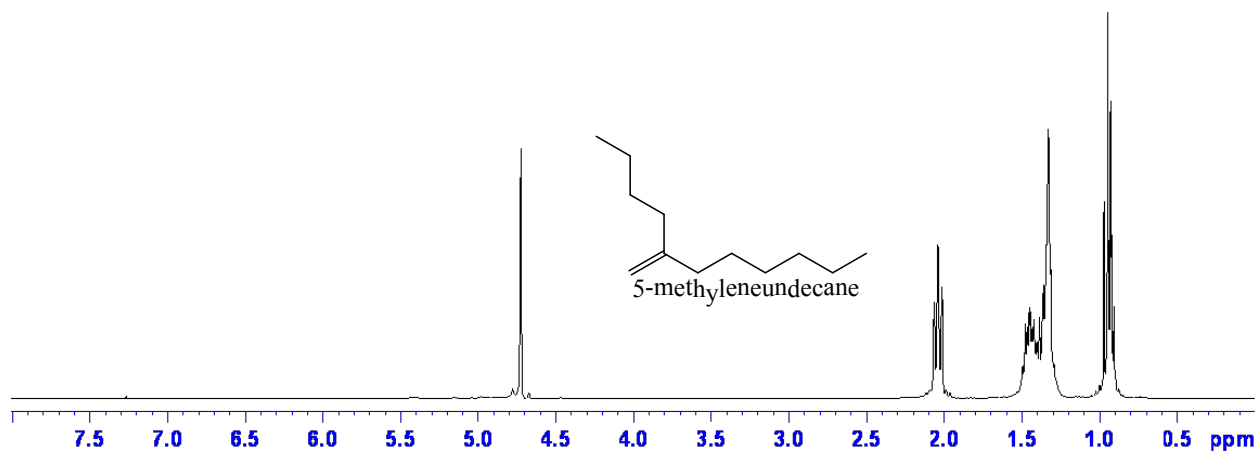


Figure S1.  $^1\text{H}$  NMR spectrum of 5-methyleneundecane

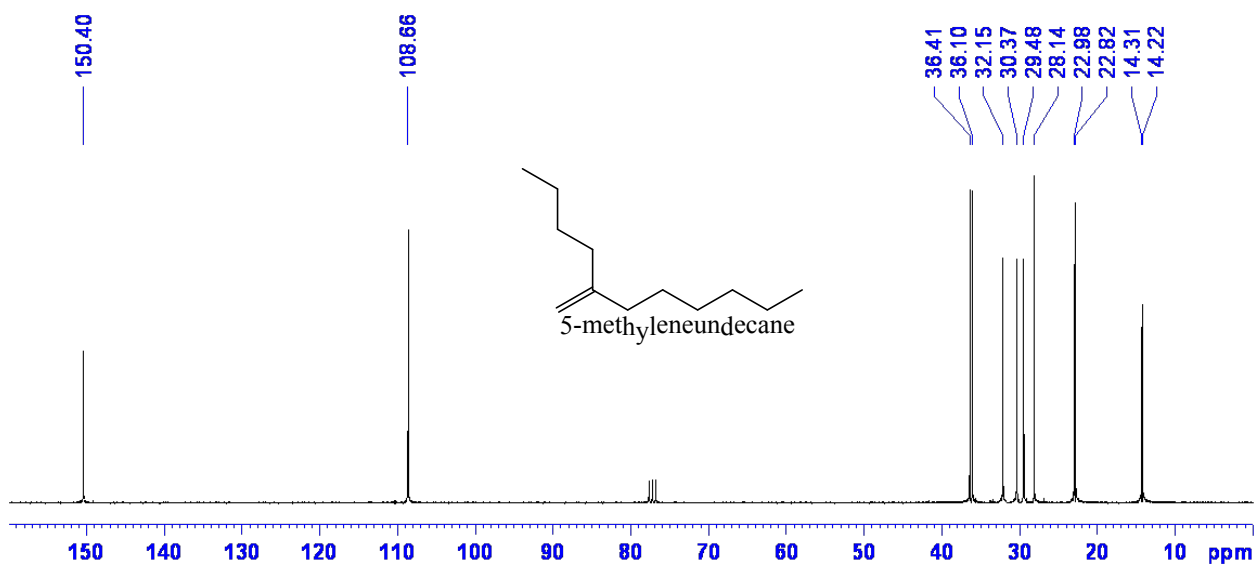


Figure S2.  $^{13}\text{C}$  NMR spectrum of 5-methyleneundecane

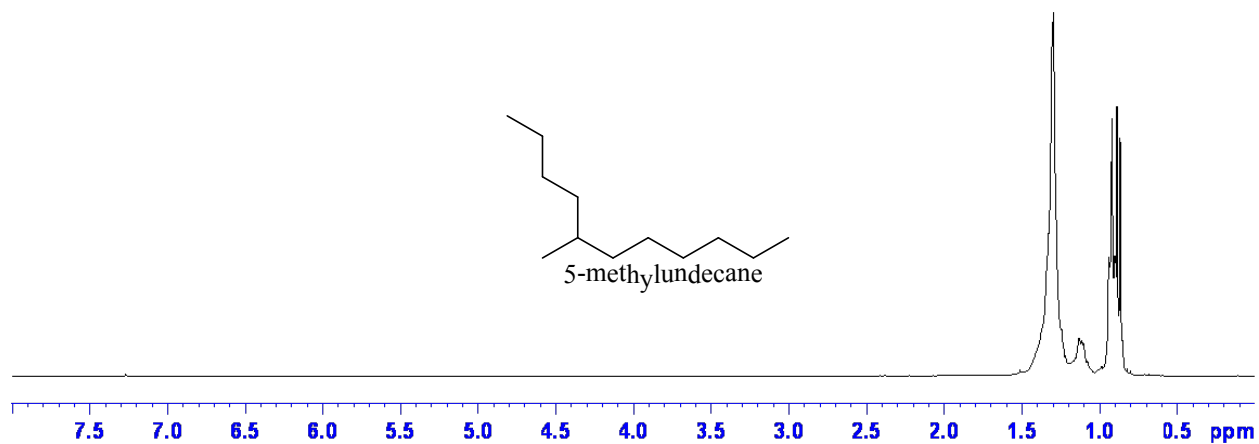


Figure S3. <sup>1</sup>H NMR spectrum of 5-methylundecane

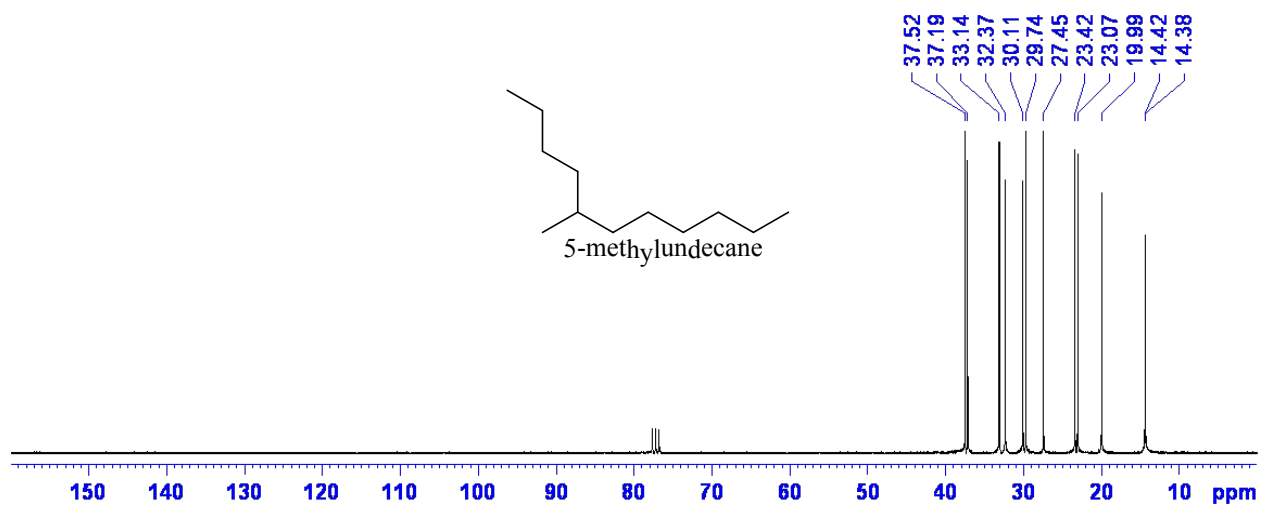


Figure S4. <sup>13</sup>C NMR spectrum of 5-methylundecane

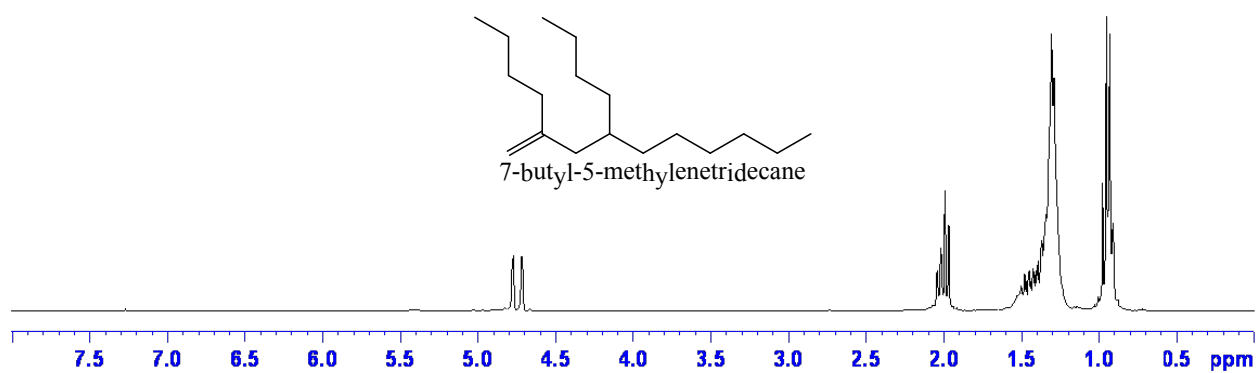


Figure S5. <sup>1</sup>H NMR spectrum of 7-butyl-5-methylenetriecane

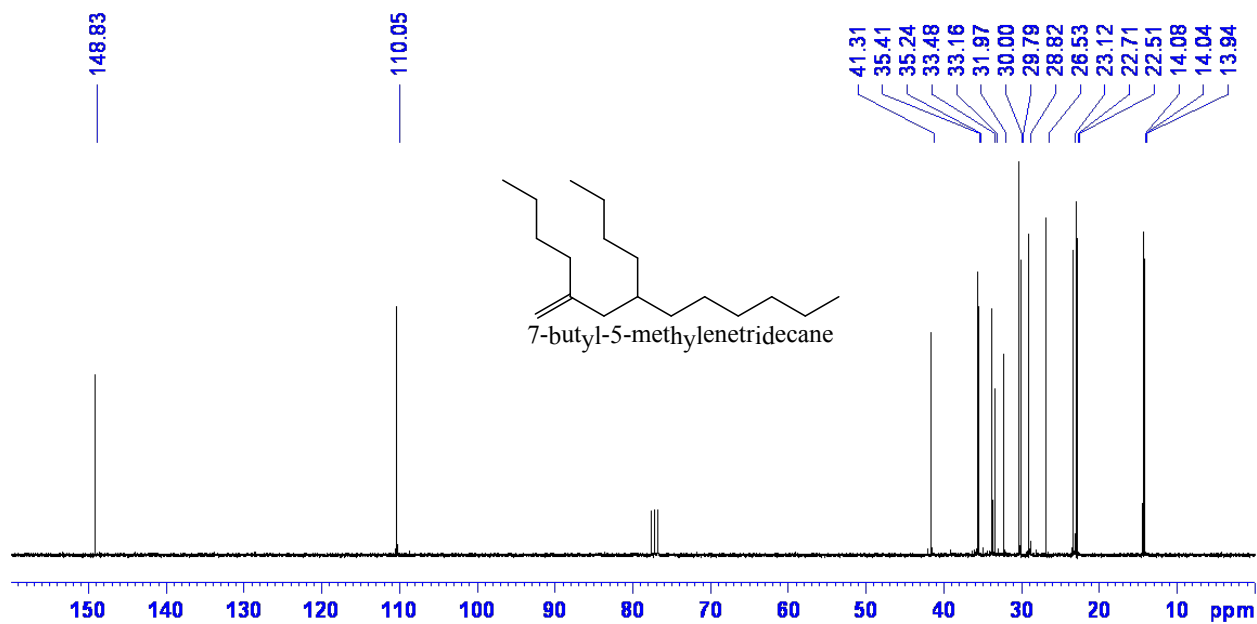


Figure S6. <sup>13</sup>C NMR spectrum of 7-butyl-5-methylenetriecane

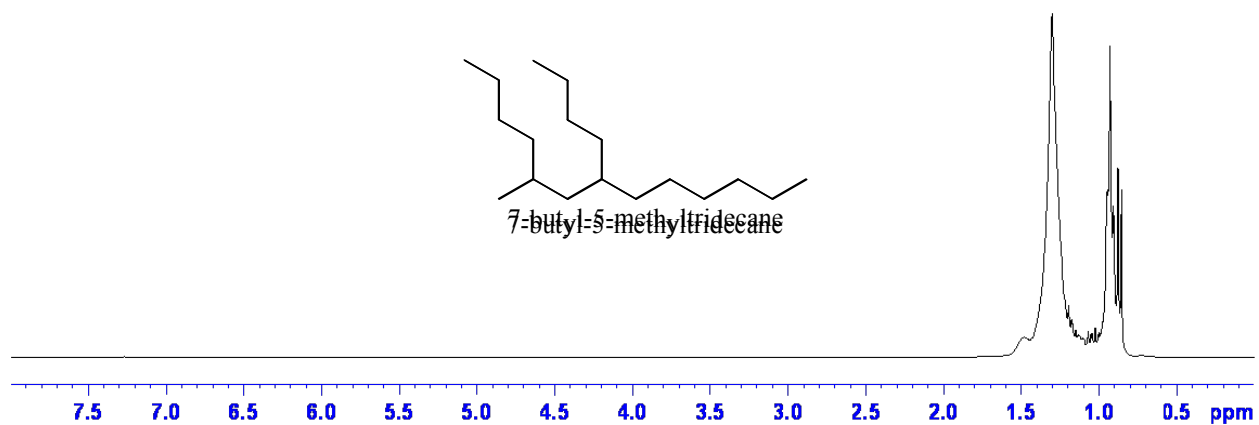


Figure S7. <sup>1</sup>H NMR spectrum of 7-butyl-5-methyltridecane

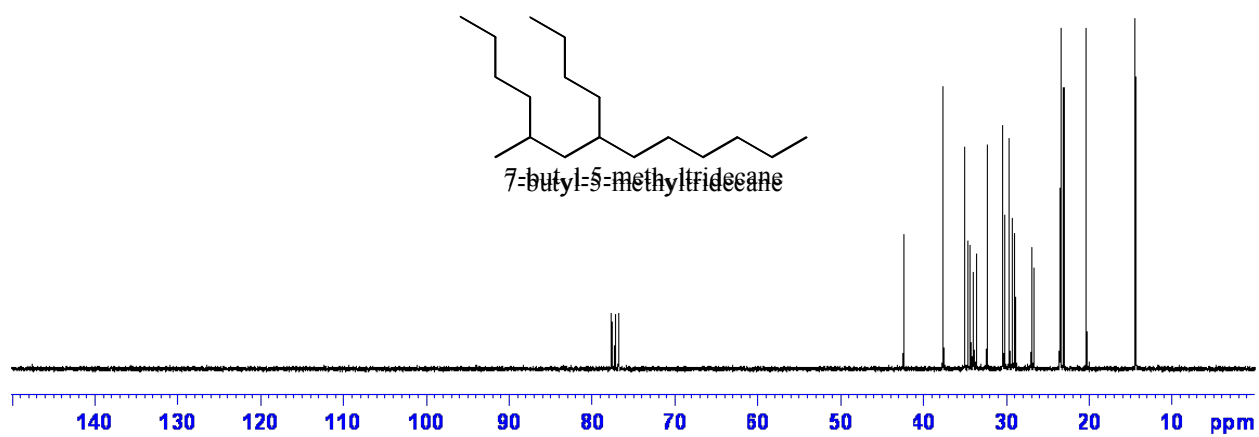


Figure S8. <sup>13</sup>C NMR spectrum of 7-butyl-5-methyltridecane