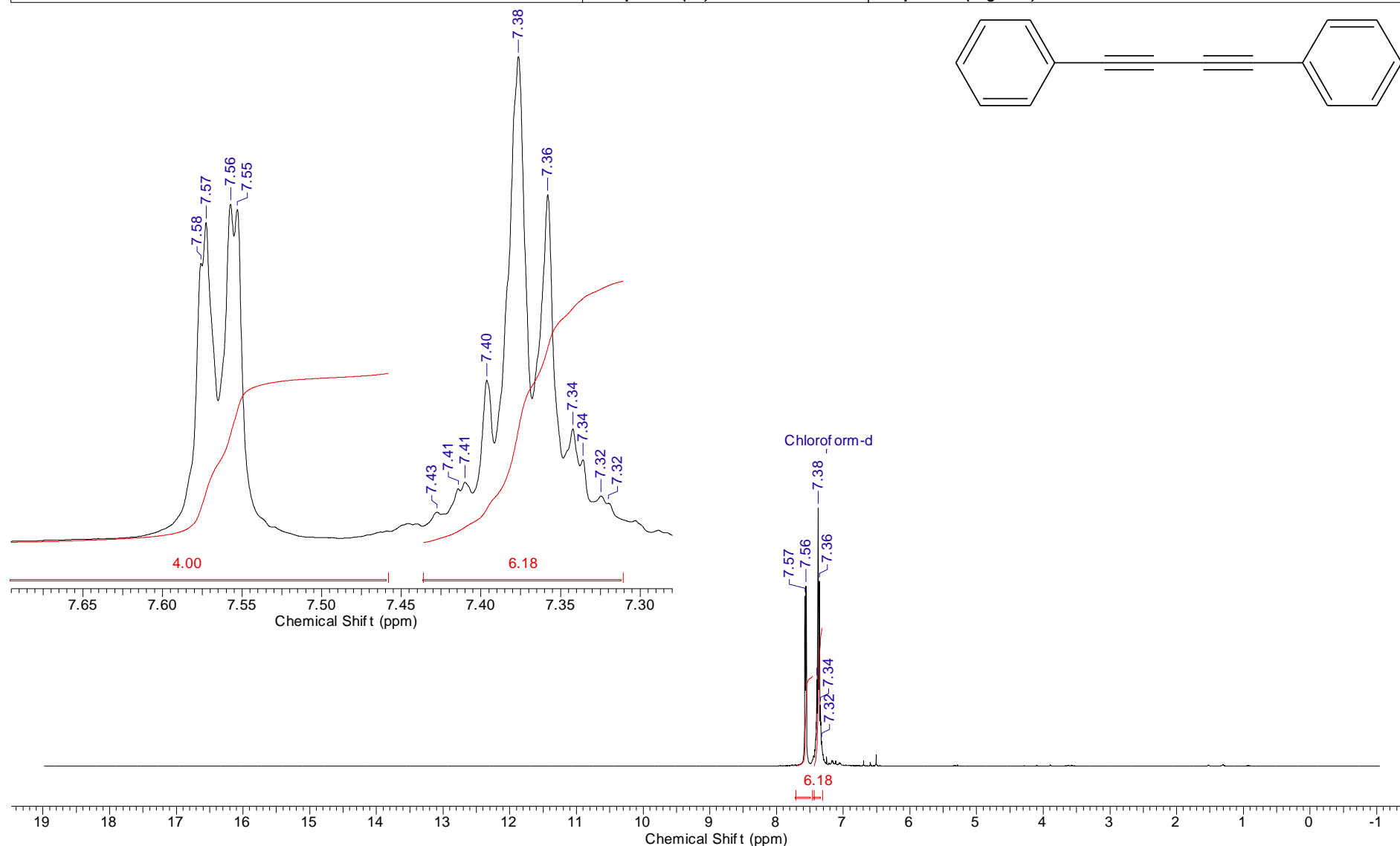
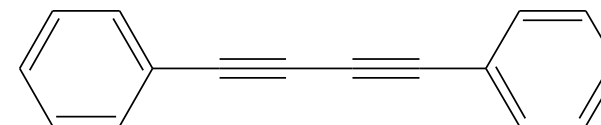


## Supporting Information

Copies of all NMR spectra

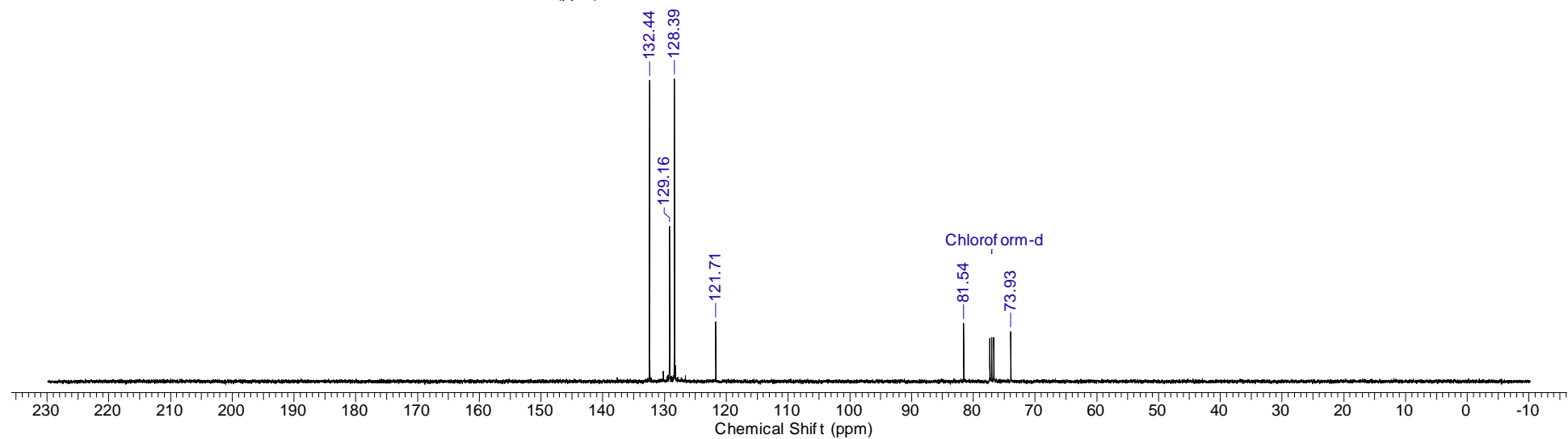
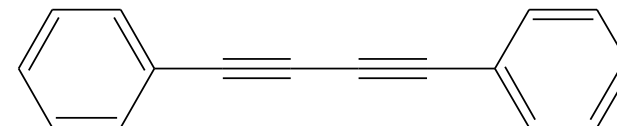
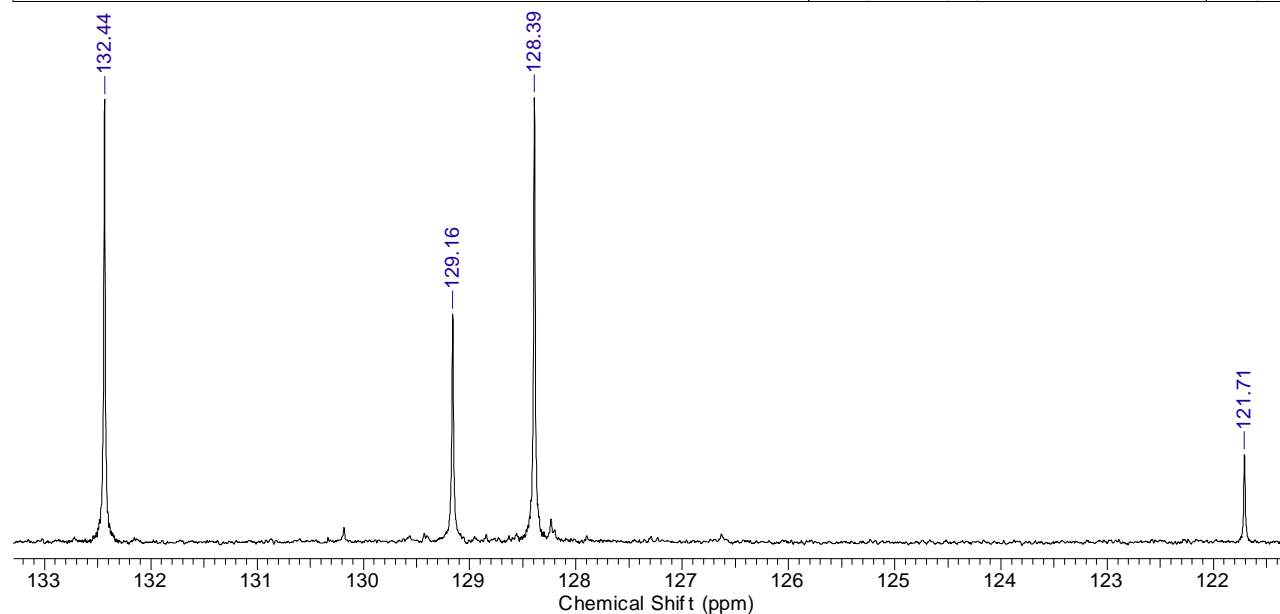
S2-S33

Acquisition Time (sec)	4.0894	Comment	Imported from UXNMR.		Date	18 Mar 2023 13:45:40	
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Solvent	CHLOROFORM-D	Sweep Width (Hz)	8012.82		Temperature (degree C)	27.000	



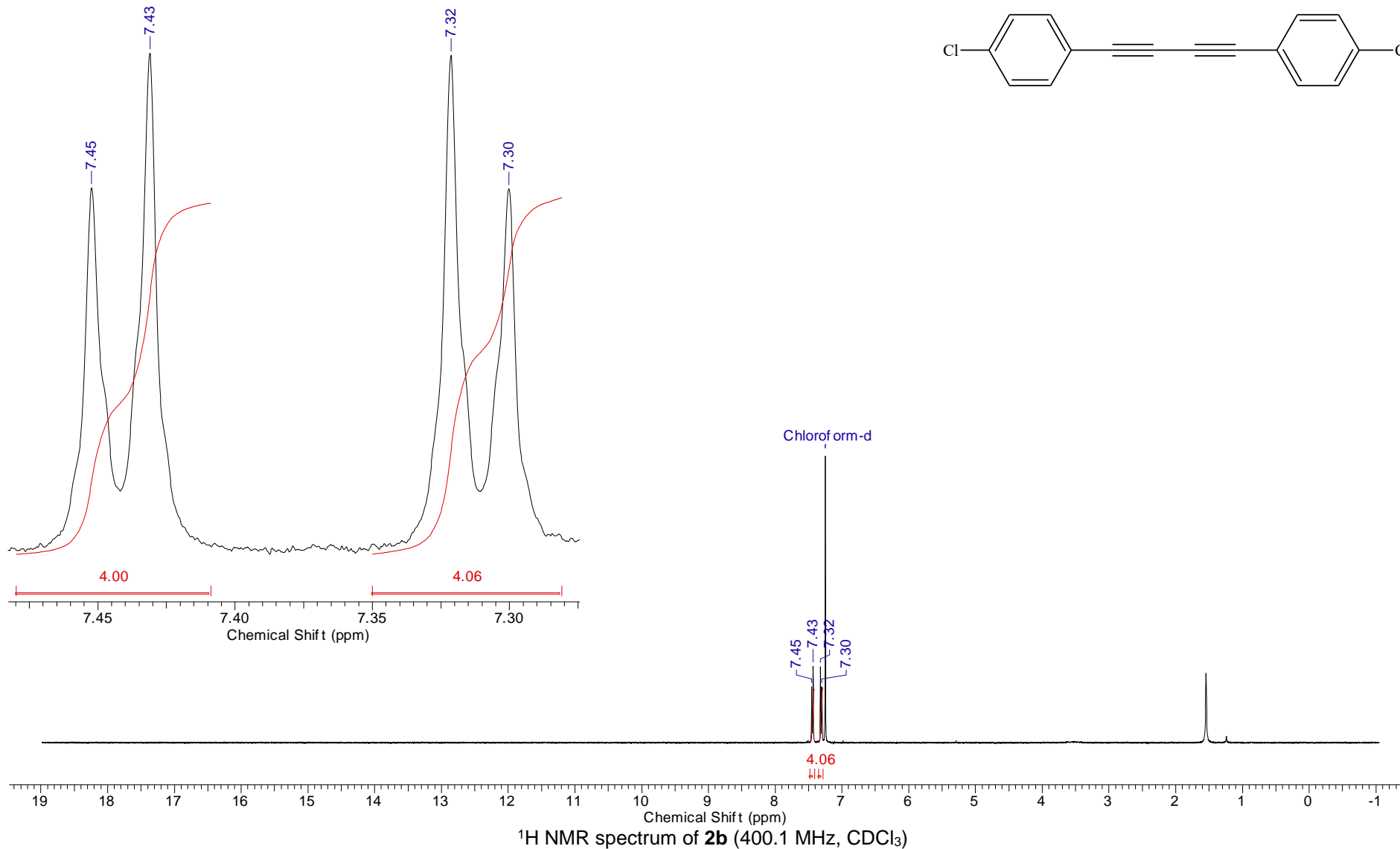
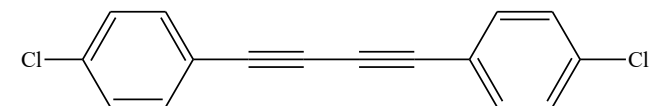
<sup>1</sup>H NMR spectrum of **2a** (400.1 MHz, CDCl<sub>3</sub>)

<b>Acquisition Time (sec)</b>	0.6783	<b>Comment</b>	Imported from UxNMR.		<b>Date</b>	18 Mar 2023 13:48:50	
<b>File Name</b>	C:\DOCS\OUTPUT_301\2023\03\BM-2761.C_002001r	<b>Frequency (MHz)</b>	100.61		<b>Nucleus</b>	13C	
<b>Number of Transients</b>	36	<b>Original Points Count</b>	16384		<b>Pulse Sequence</b>	zgpg30	
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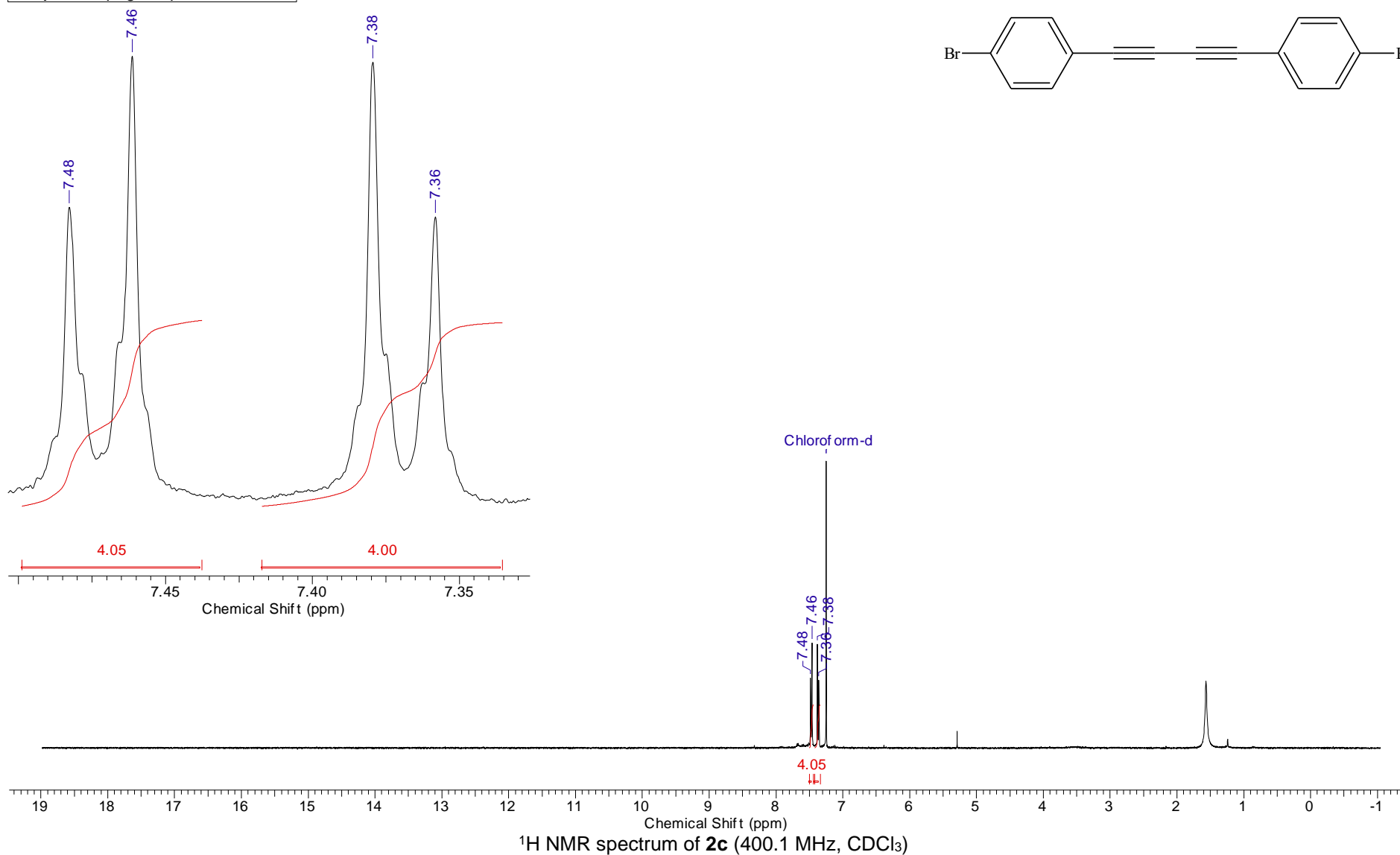
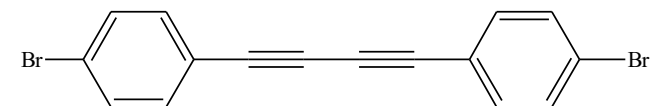


<sup>13</sup>C NMR spectrum of **2a** (100.6 MHz, CDCl<sub>3</sub>)

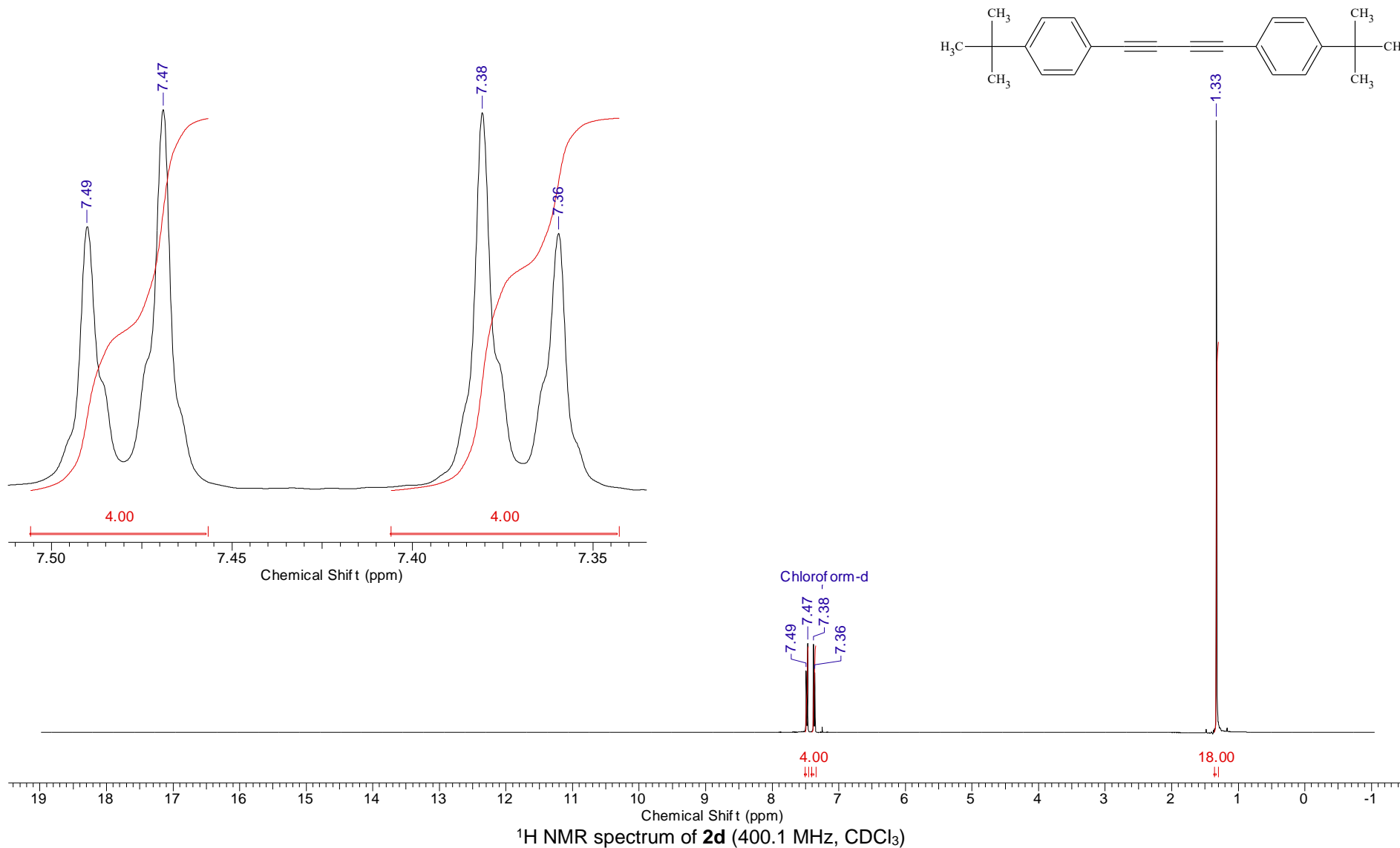
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File Name	C:\DOCS\OUTPUT_301\2023\04.äi ääü\BM-2777-n.H_001001r				Frequency (MHz)	400.13	
Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	8012.82	
Temperature (degree C)	27.000						



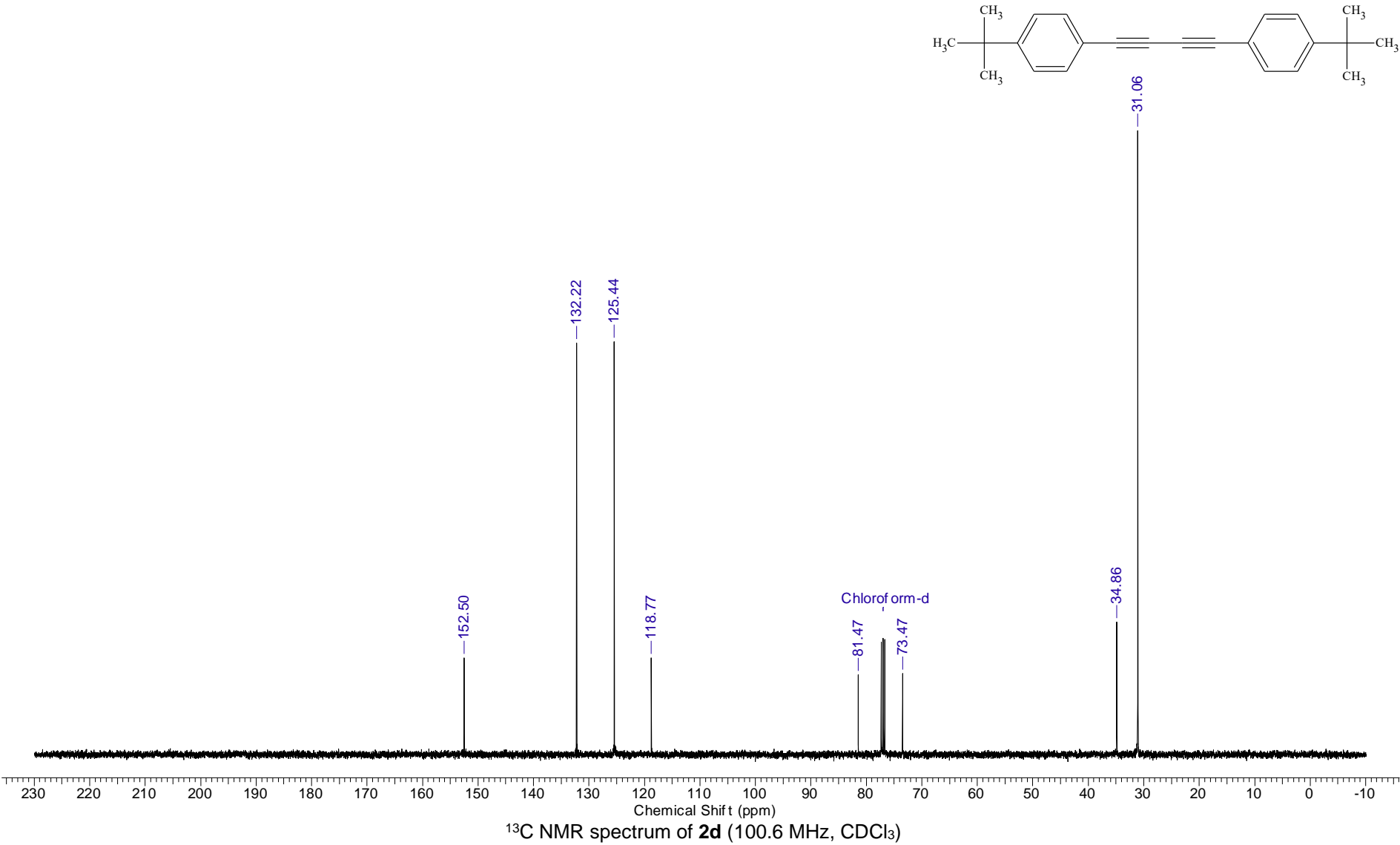
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Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	CHLOROFORM-D			Sweep Width (Hz)	8012.82
Temperature (degree C)	27.000						



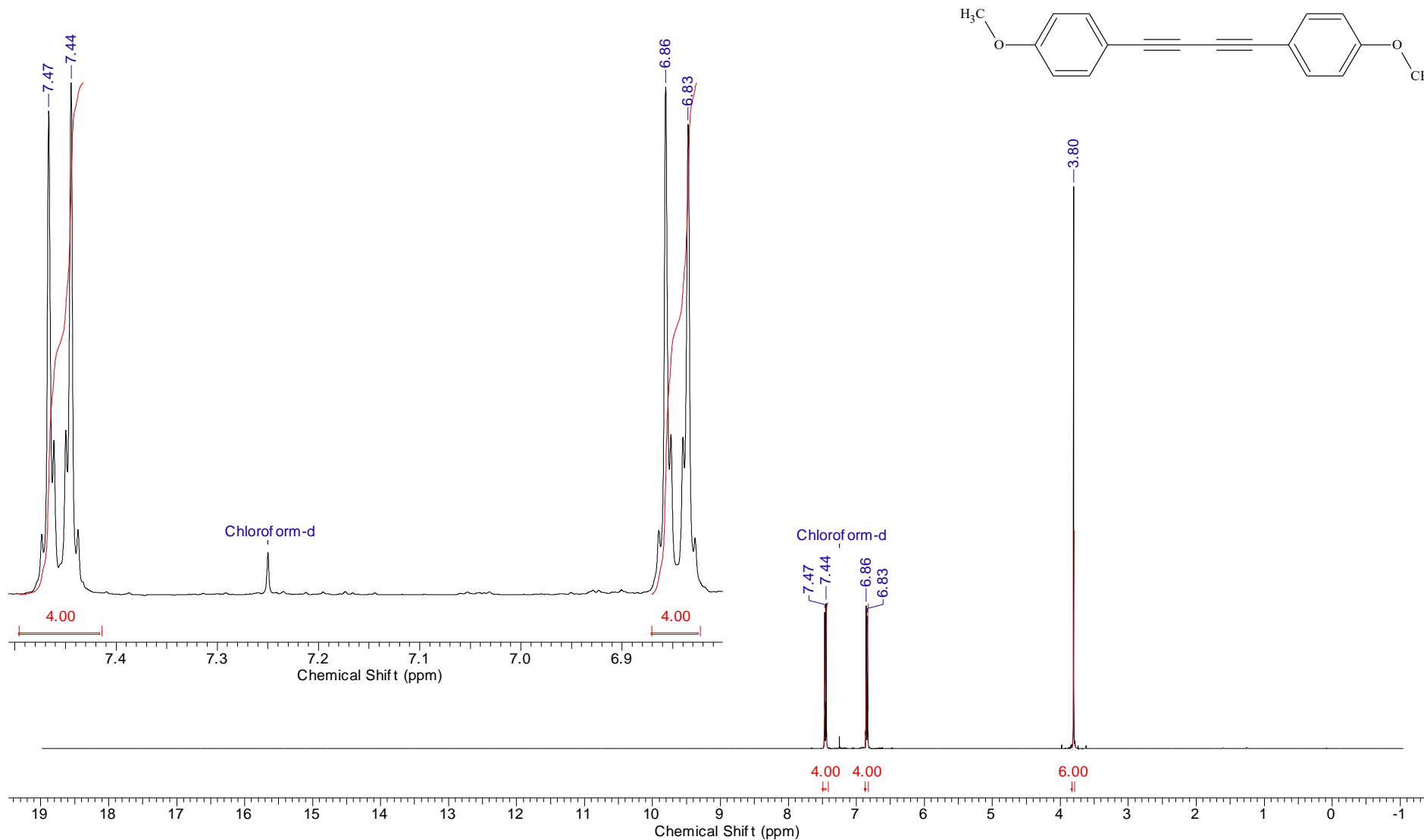
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Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	8012.82	
Temperature (degree C)	27.000						



Acquisition Time (sec)	0.6783	Comment	Imported from UXNMR.	Date	10 Apr 2023 14:32:44
File Name	C:\DOCS\OUTPUT_301\2023\04.äi ääü\BM-2779-2.C_002001r			Frequency (MHz)	100.61
Nucleus	<sup>13</sup> C	Number of Transients	27	Original Points Count	16384
Pulse Sequence	zgpg30	Solvent	DEUTERIUM OXIDE	Points Count	131072
Temperature (degree C)	27.000			Sweep Width (Hz)	24154.59

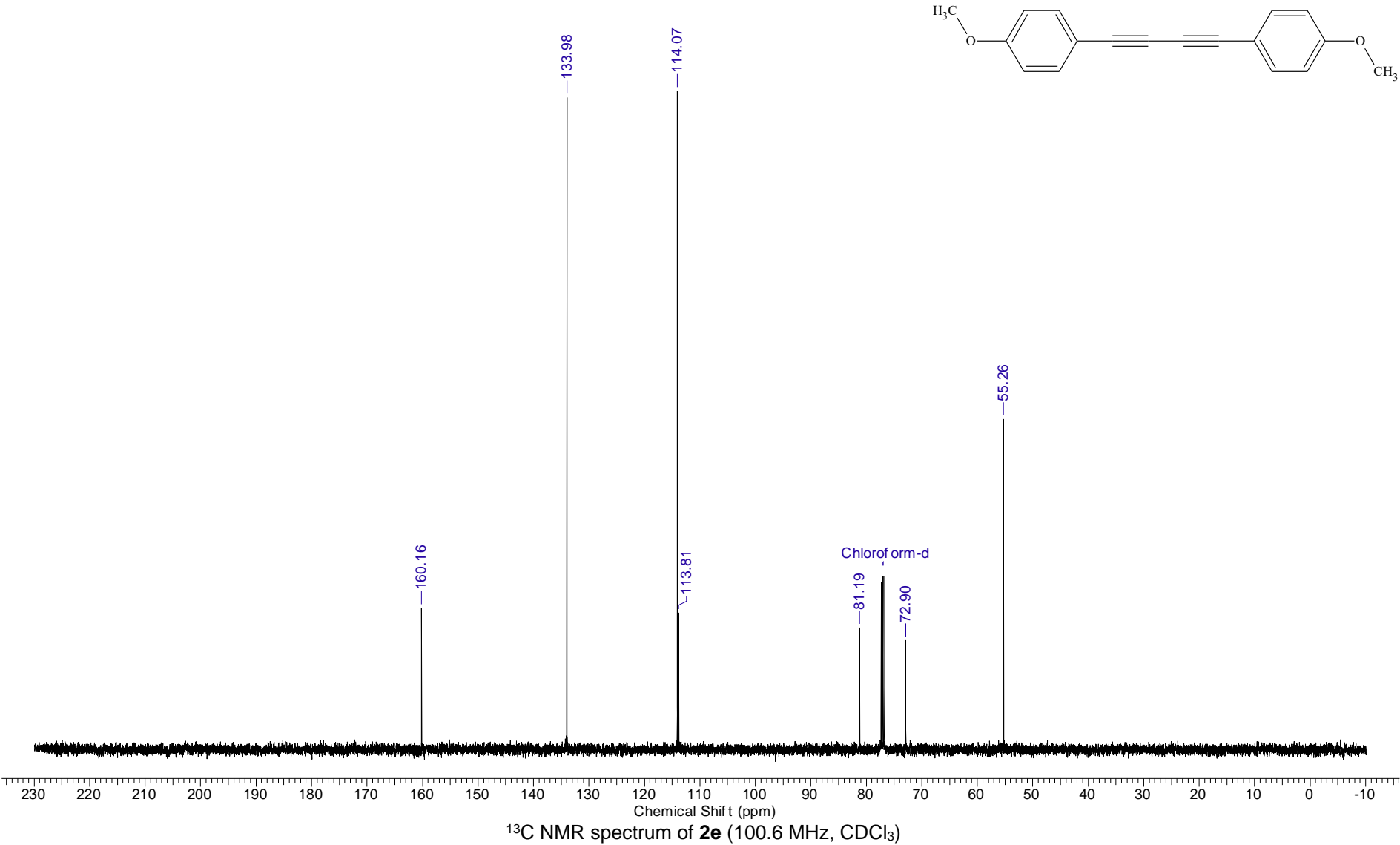


<b>Acquisition Time (sec)</b>	4.0894	<b>Comment</b>	Imported from UXNMR.		<b>Date</b>	07 Apr 2023 15:46:14	
<b>File Name</b>	C:\DOCS\OUTPUT_301\2023\04.äi ääëü\BM-2776-3.H_001001r				<b>Frequency (MHz)</b>	400.13	
<b>Nucleus</b>	1H	<b>Number of Transients</b>	4	<b>Original Points Count</b>	32768	<b>Points Count</b>	131072
<b>Pulse Sequence</b>	zg30	<b>Solvent</b>	CHLOROFORM-D		<b>Sweep Width (Hz)</b>	8012.82	
<b>Temperature (degree C)</b>	27.000						

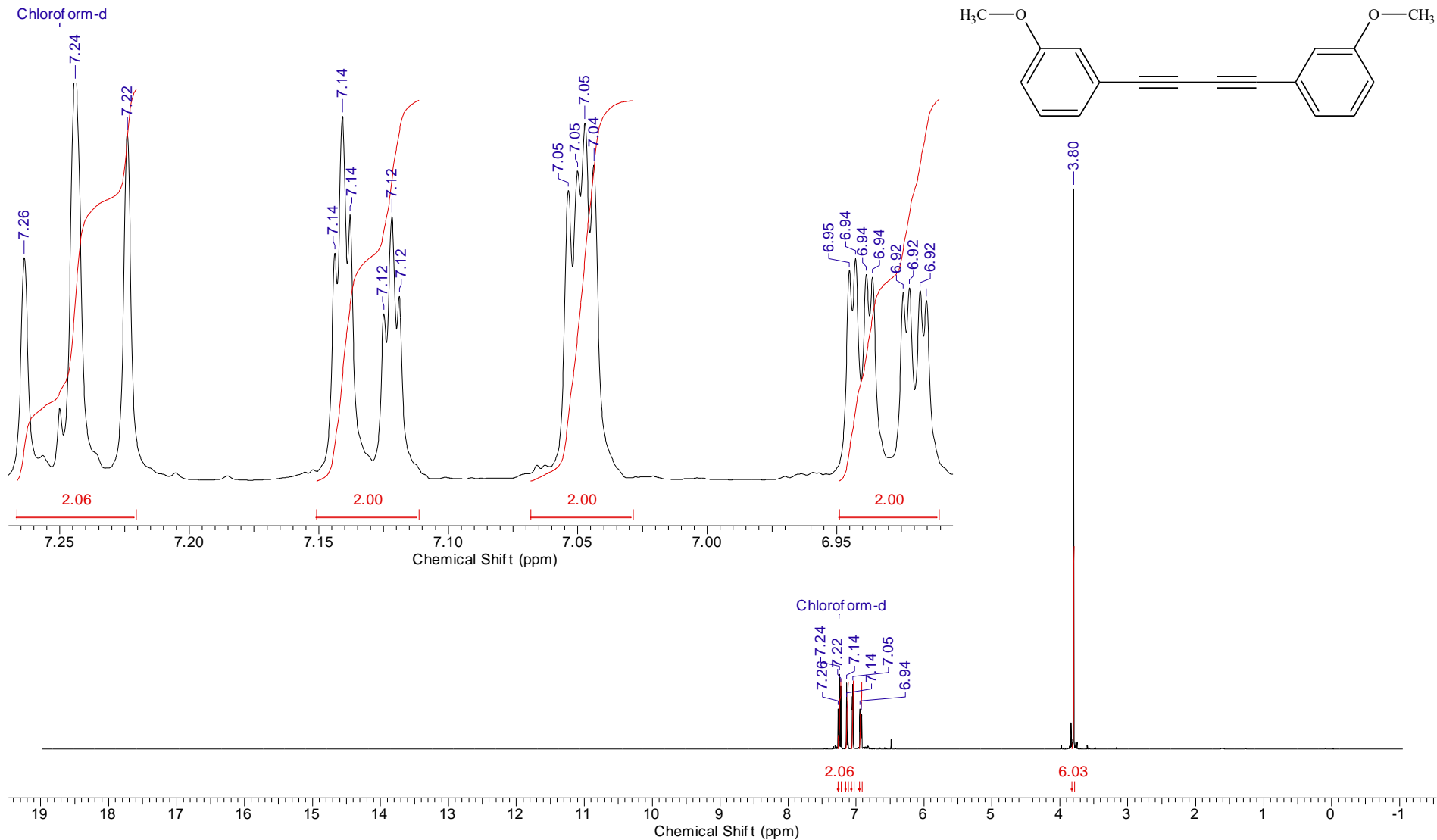
<sup>1</sup>H NMR spectrum of 2e (400.1 MHz, CDCl<sub>3</sub>)



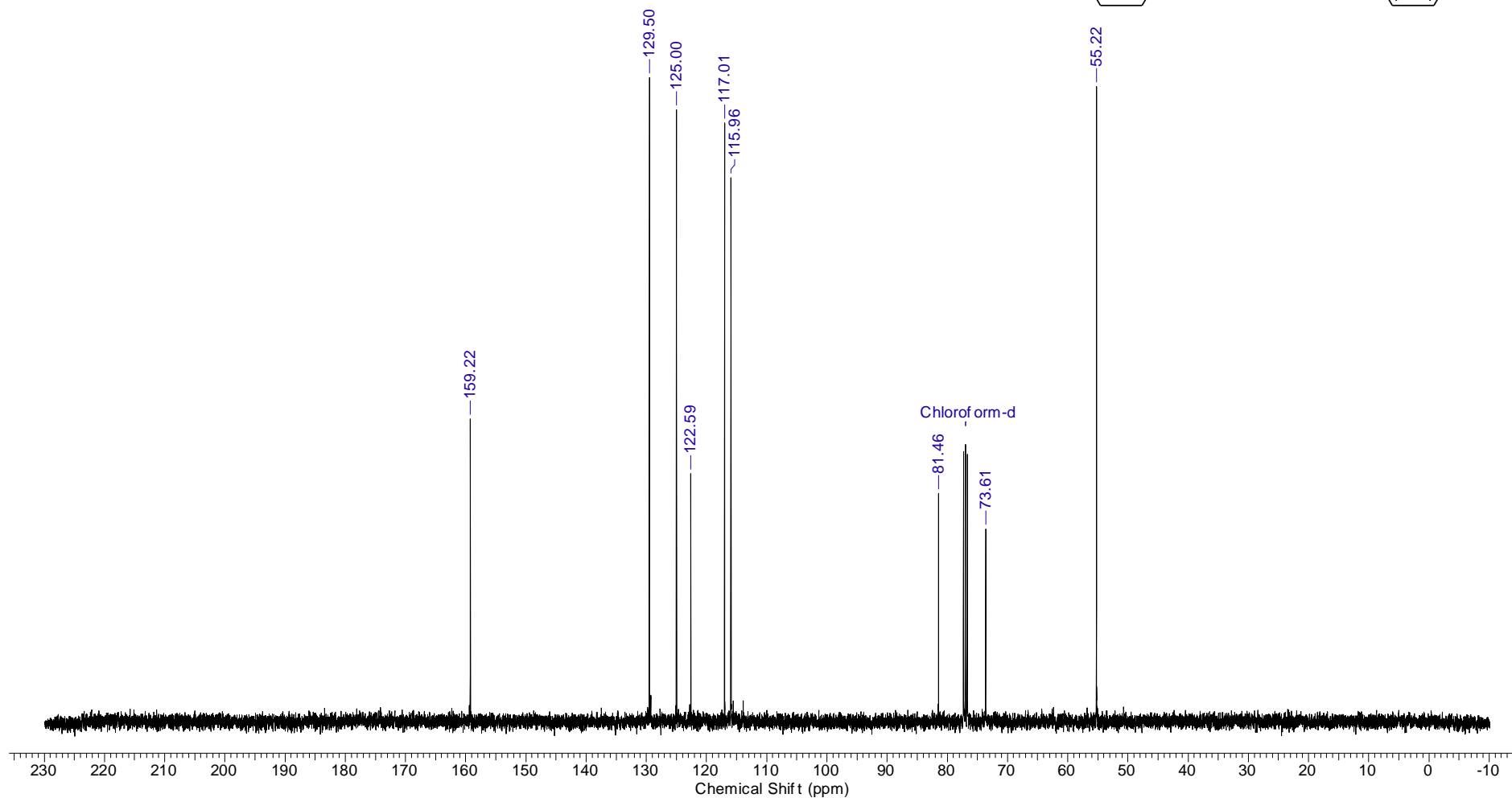
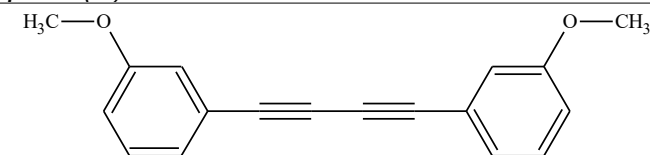
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Nucleus	<sup>13</sup> C	Number of Transients	25	Original Points Count	16384
Pulse Sequence	zgpg30	Solvent	DEUTERIUM OXIDE	Points Count	131072
Temperature (degree C)	27.000			Sweep Width (Hz)	24154.59



Acquisition Time (sec)	4.0894	Comment	Imported from UXNMR.		Date	03 Apr 2023 14:45:30	
File Name	C:\DOCS\OUTPUT_301\2023\04.år ðæü\BM-2774-1.H_001001r				Frequency (MHz)	400.13	
Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	8012.82	
Temperature (degree C)	27.000						

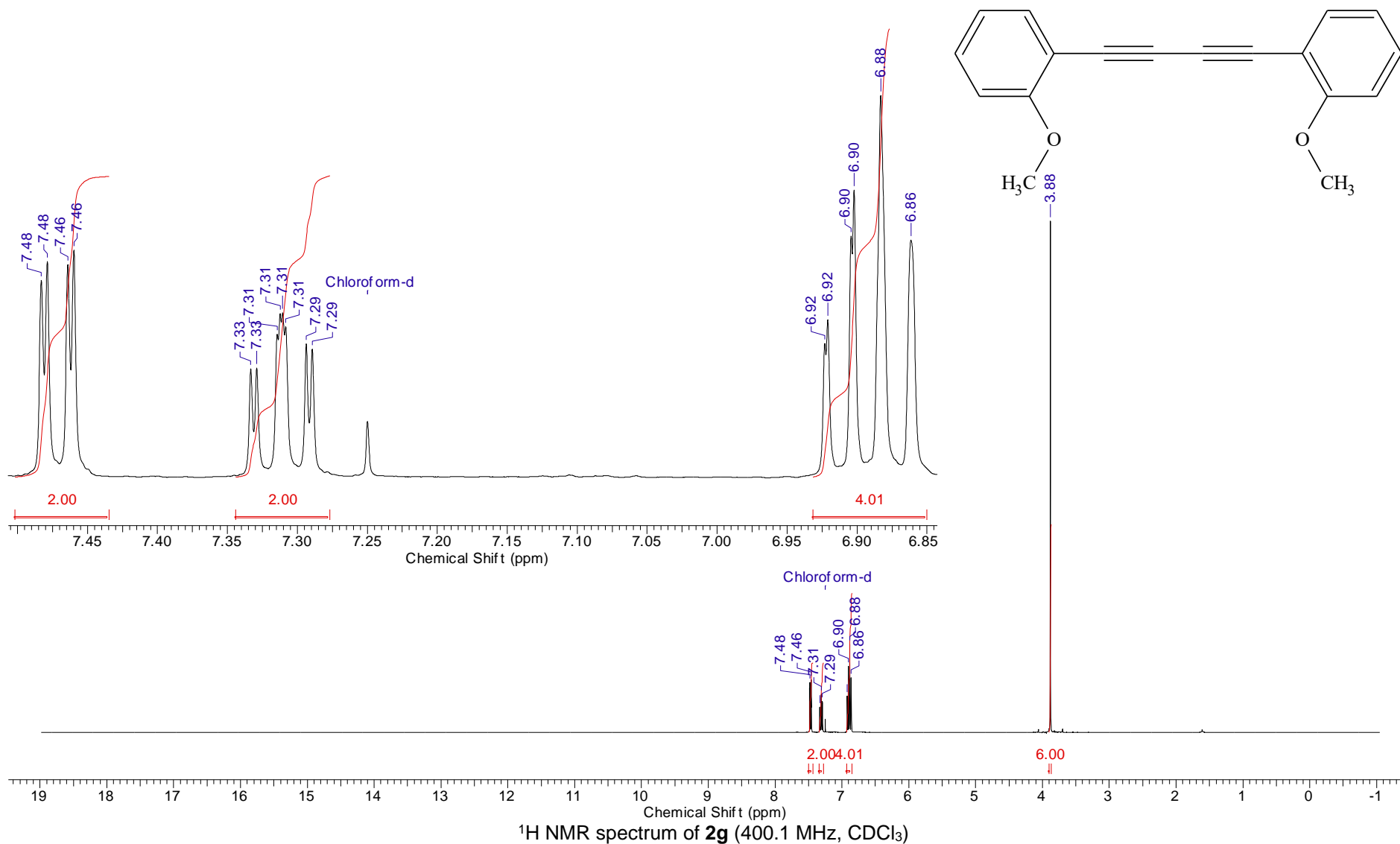
<sup>1</sup>H NMR spectrum of **2f** (400.1 MHz, CDCl<sub>3</sub>)

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Nucleus	13C	Number of Transients	34	Original Points Count	16384	Points Count	131072
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	24154.59	
Temperature (degree C)	27.000						

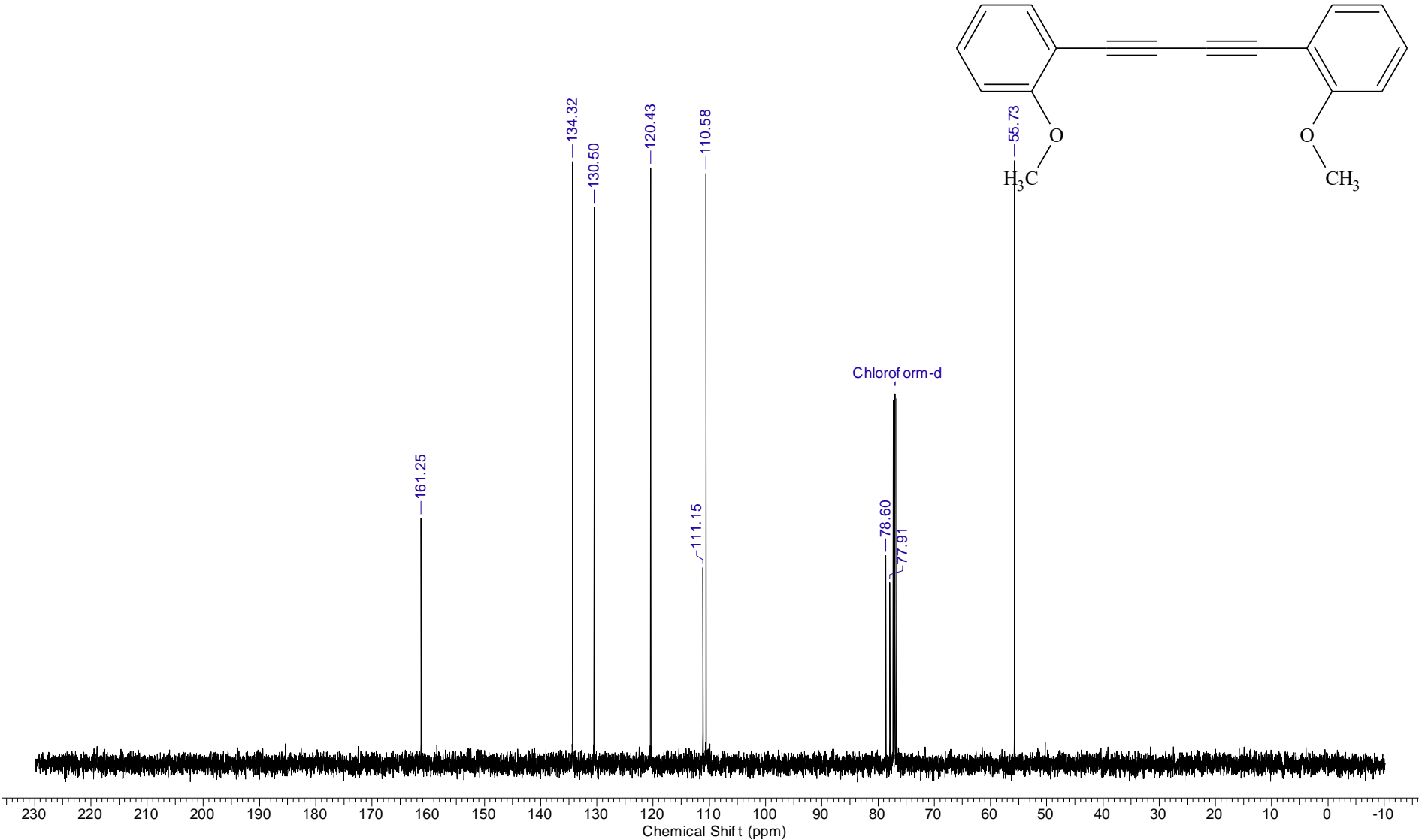


<sup>13</sup>C NMR spectrum of 2f (100.6 MHz, CDCl<sub>3</sub>)

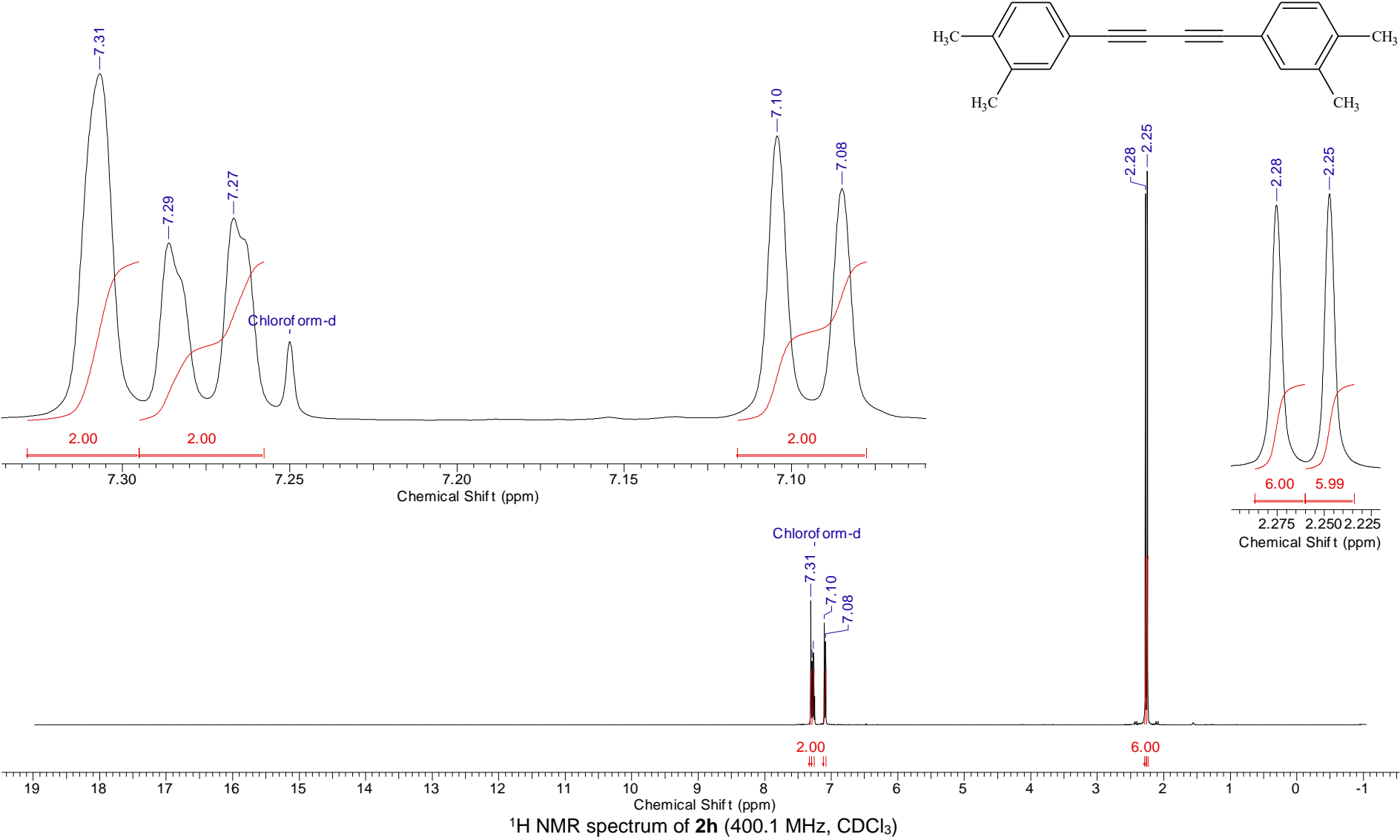
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Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	8012.82	
Temperature (degree C)	27.000						



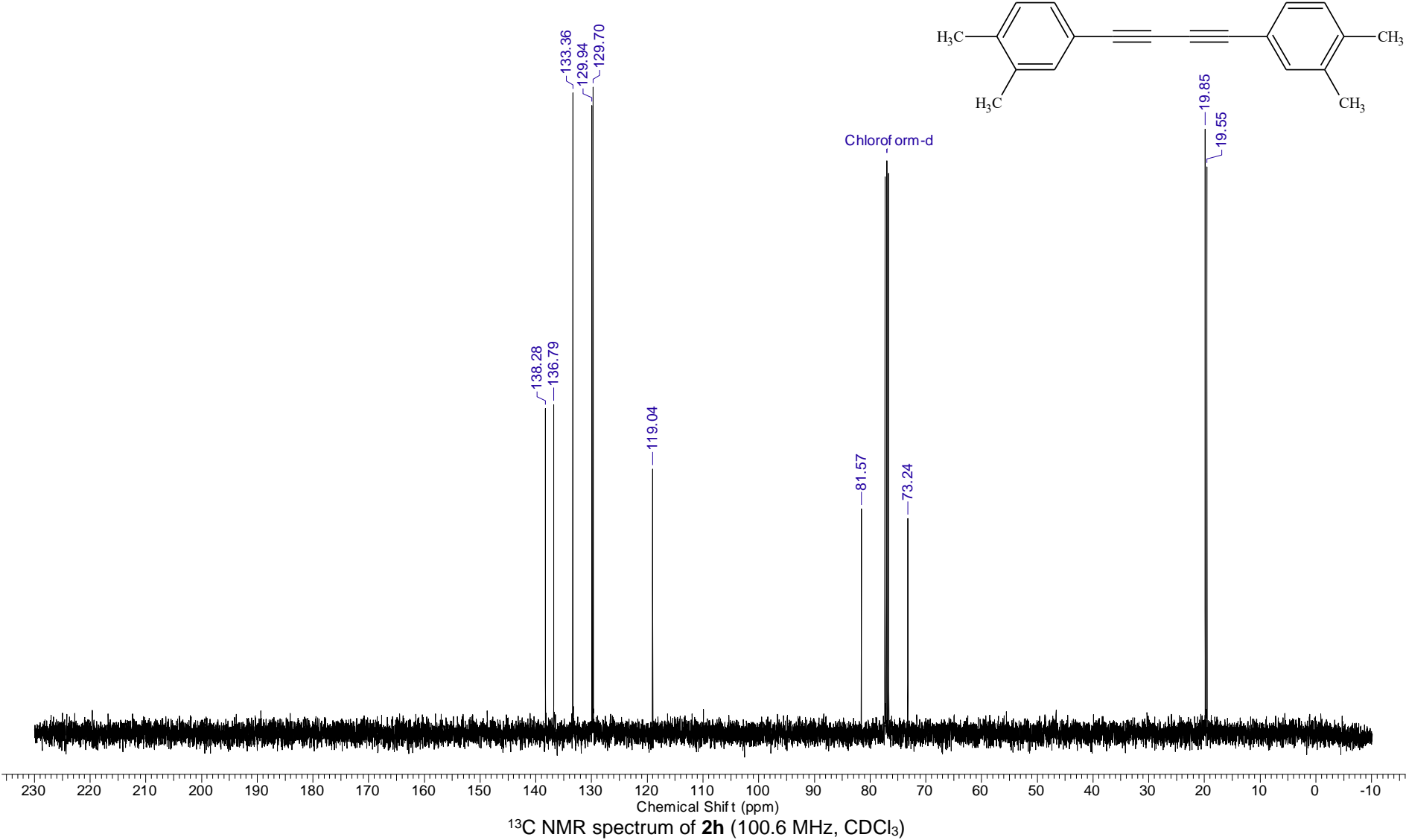
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Original Points Count	16384	Points Count	131072	Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D
Sweep Width (Hz)	24154.59	Temperature (degree C)	27.000				



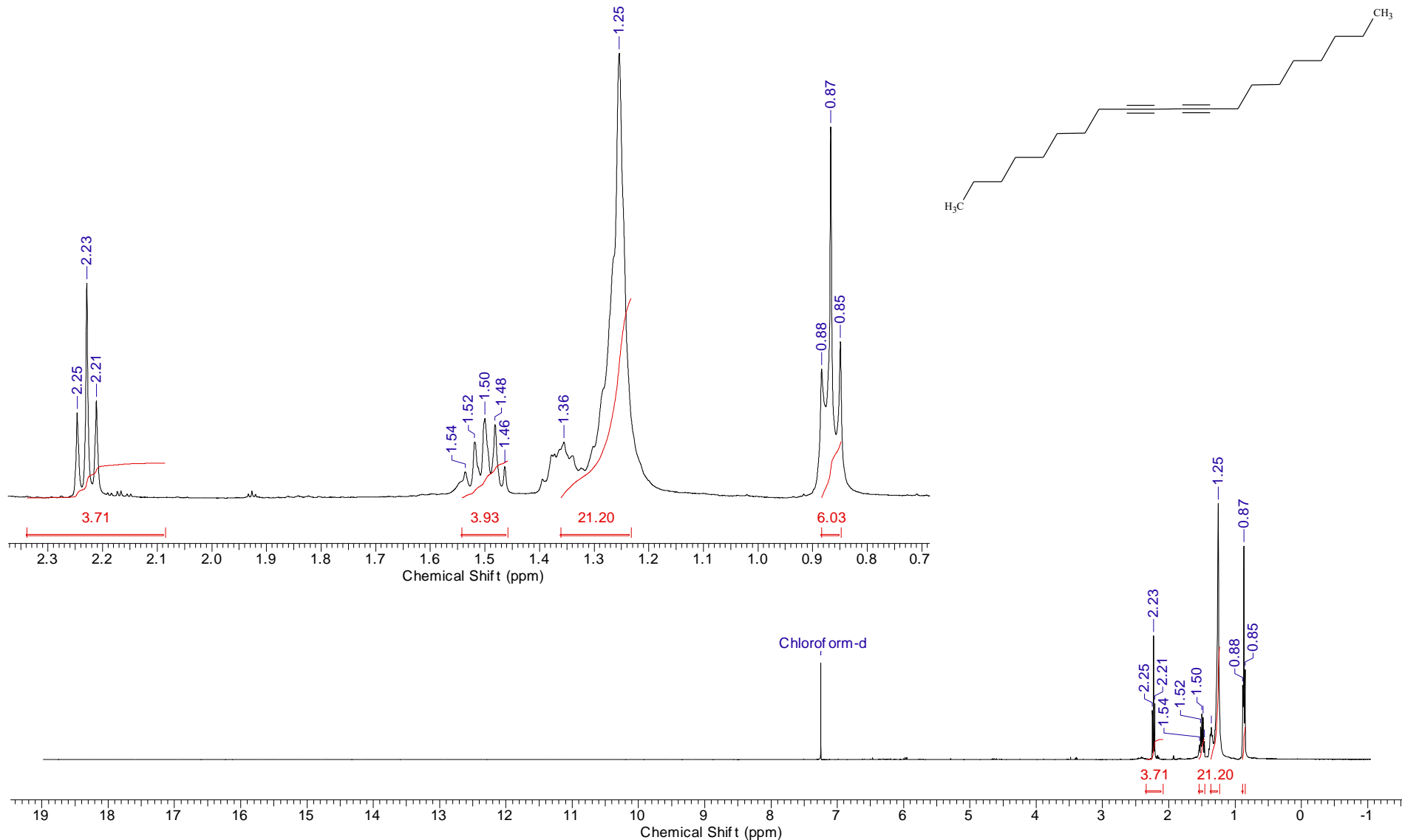
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Nucleus	1H	Number of Transients	4	Original Points Count	32768
Pulse Sequence	zg30	Solvent	CHLOROFORM-D	Sweep Width (Hz)	8012.82
Temperature (degree C)	27.000				



Acquisition Time (sec)	0.6783	Comment	Imported from UXNMR.	Date	08 Apr 2023 13:44:50
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Pulse Sequence	zgpg30	Solvent	DEUTERIUM OXIDE	Points Count	131072
Temperature (degree C)	27.000			Sweep Width (Hz)	24154.59

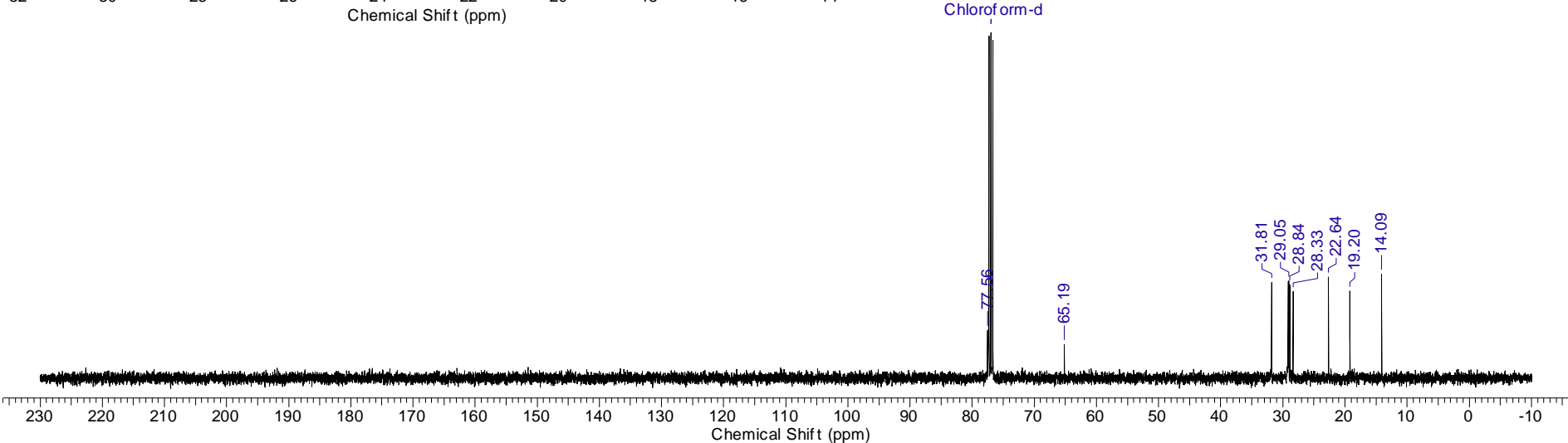
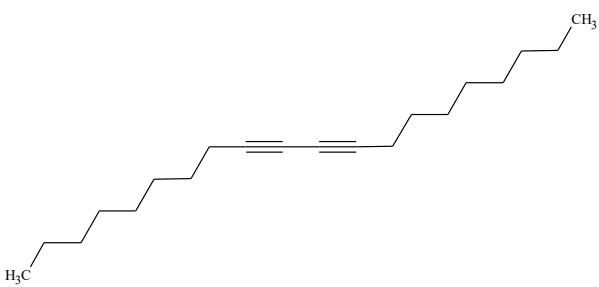
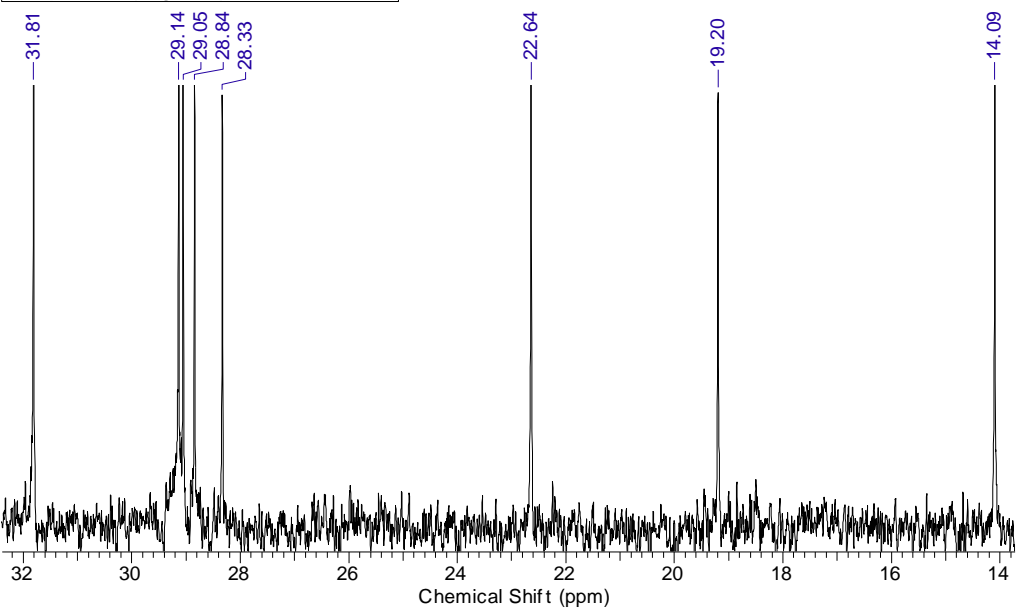


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<b>File Name</b>	C:\DOCS\OUTPUT_301\2023\05\1 à à\BM-2821-2.H_001001r	<b>Frequency (MHz)</b>	400.13	<b>Nucleus</b>	1H	
<b>Number of Transients</b>	4	<b>Original Points Count</b>	32768	<b>Points Count</b>	131072	
<b>Solvent</b>	CHLOROFORM-D	<b>Sweep Width (Hz)</b>	8012.82	<b>Pulse Sequence</b>	zg30	
				<b>Temperature (degree C)</b>	27.000	

<sup>1</sup>H NMR spectrum of **2i** (400.1 MHz, CDCl<sub>3</sub>)

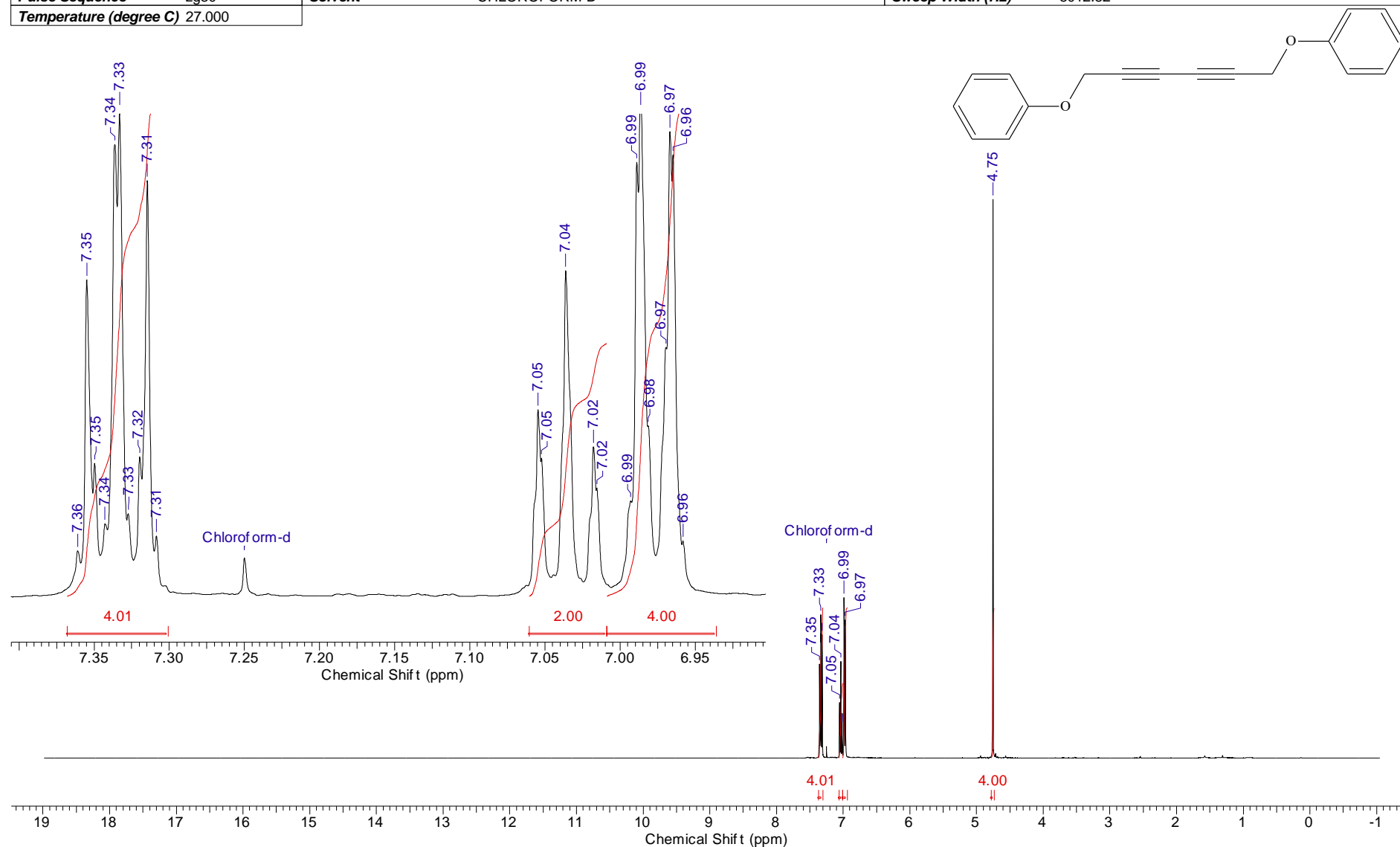


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Nucleus	13C	Number of Transients	152	Original Points Count	16384	Points Count	131072
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	24154.59	
Temperature (degree C)	27.000						

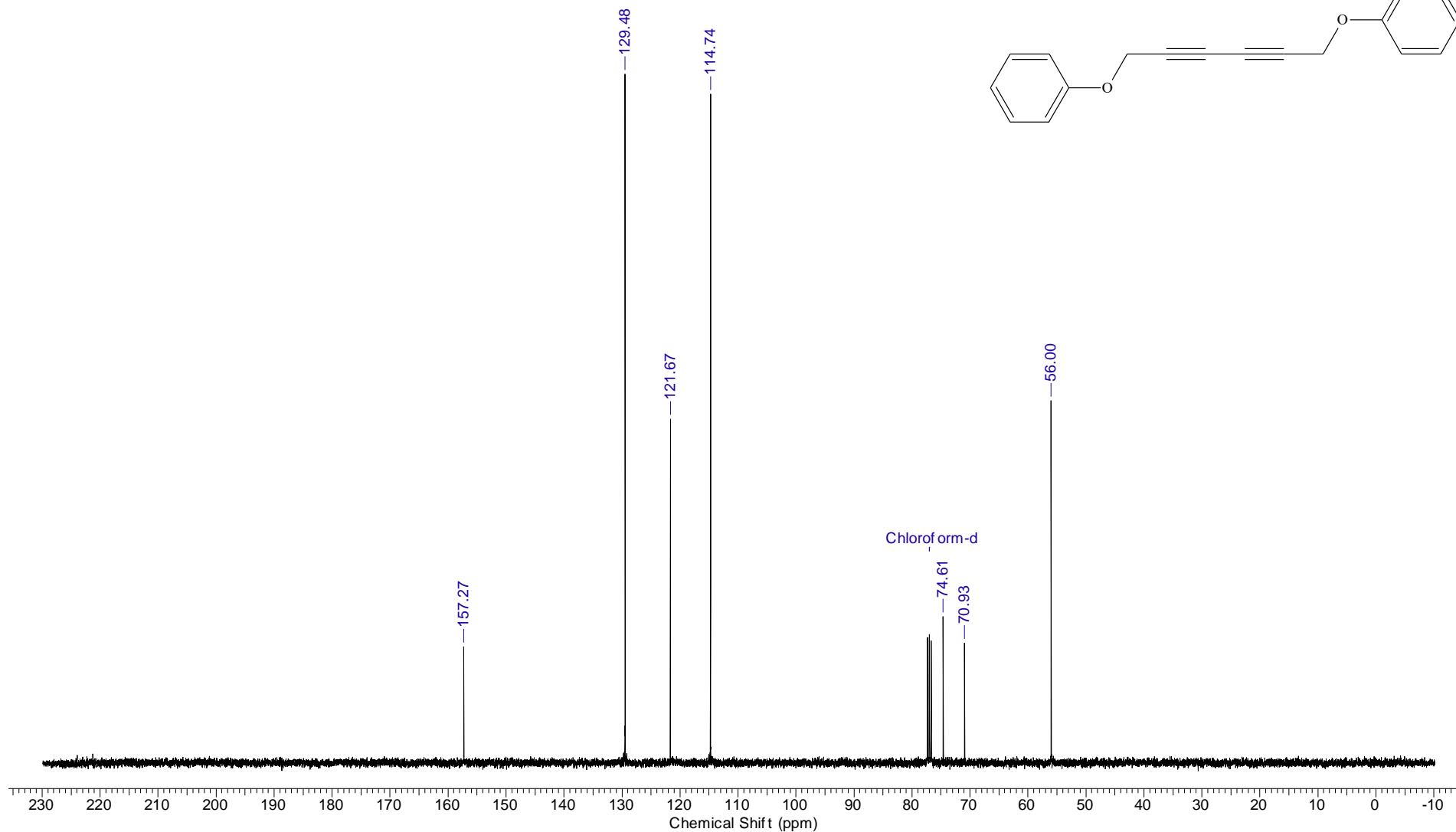
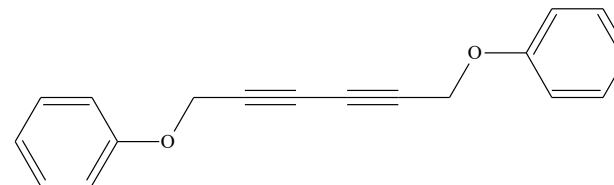


<sup>13</sup>C NMR spectrum of 2i (100.6 MHz, CDCl<sub>3</sub>)

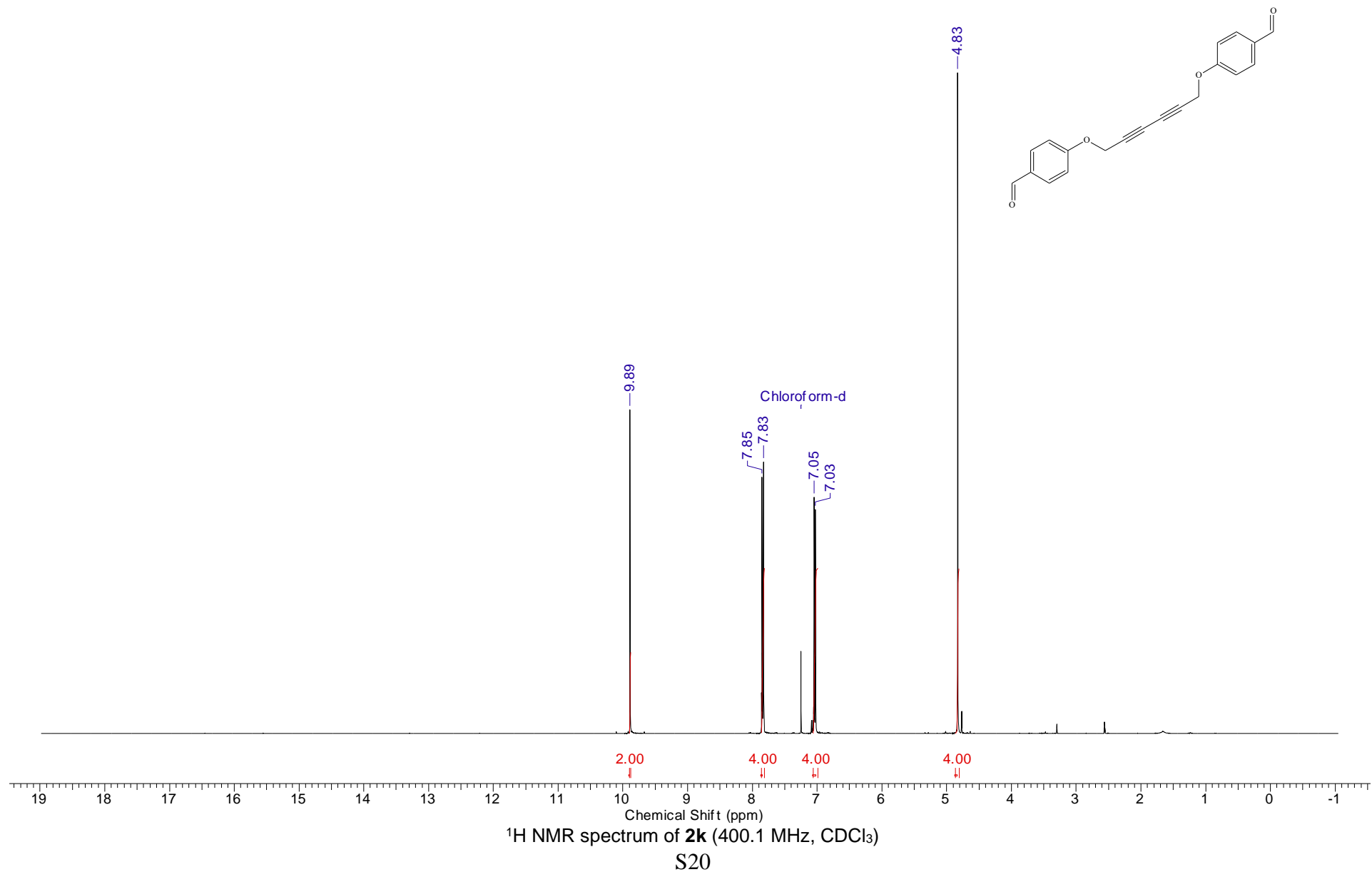
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<b>Nucleus</b>	<sup>1</sup> H	<b>Number of Transients</b>	4	<b>Original Points Count</b>	32768
<b>Pulse Sequence</b>	zg30	<b>Solvent</b>	CHLOROFORM-D	<b>Points Count</b>	131072
<b>Temperature (degree C)</b>	27.000			<b>Sweep Width (Hz)</b>	8012.82

<sup>1</sup>H NMR spectrum of **2j** (400.1 MHz, CDCl<sub>3</sub>)

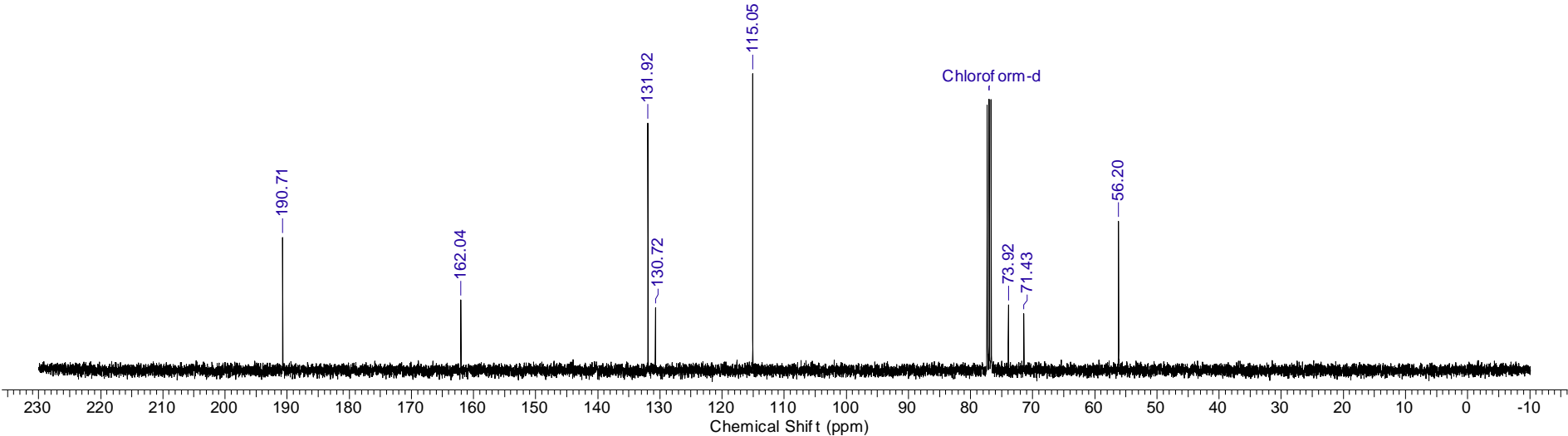
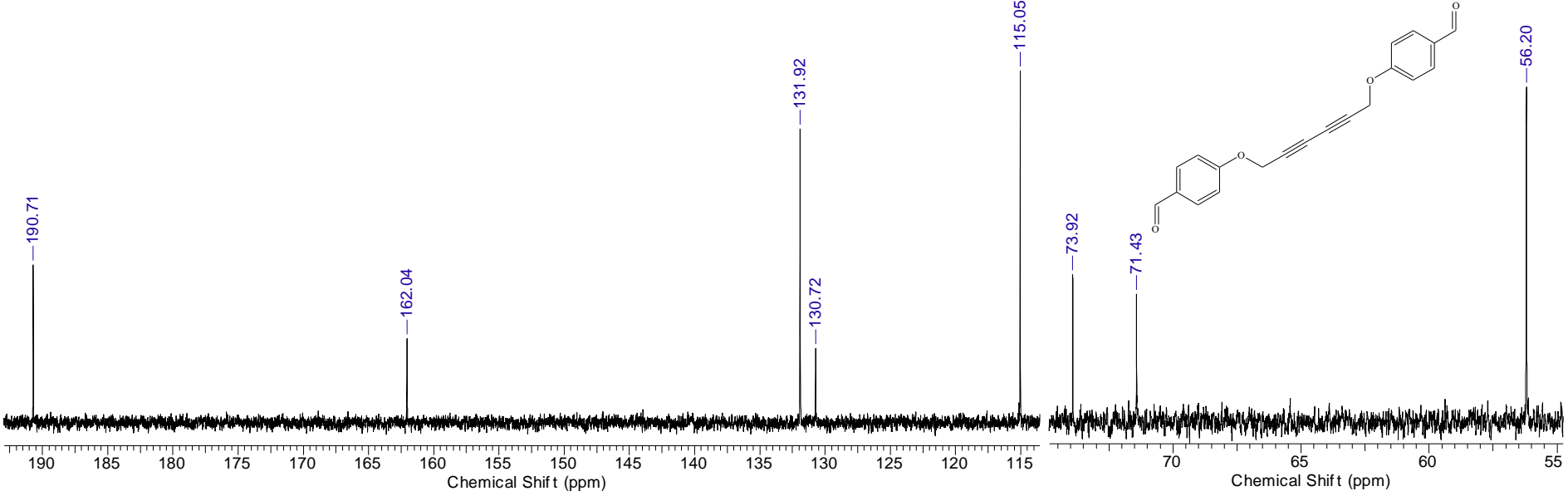
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Nucleus	13C	Number of Transients	26	Original Points Count	16384	Points Count	131072
Pulse Sequence	zgpg30	Solvent	DEUTERIUM OXIDE		Sweep Width (Hz)	24154.59	
Temperature (degree C)	27.000						



<sup>13</sup>C NMR spectrum of **2j** (100.6 MHz, CDCl<sub>3</sub>)

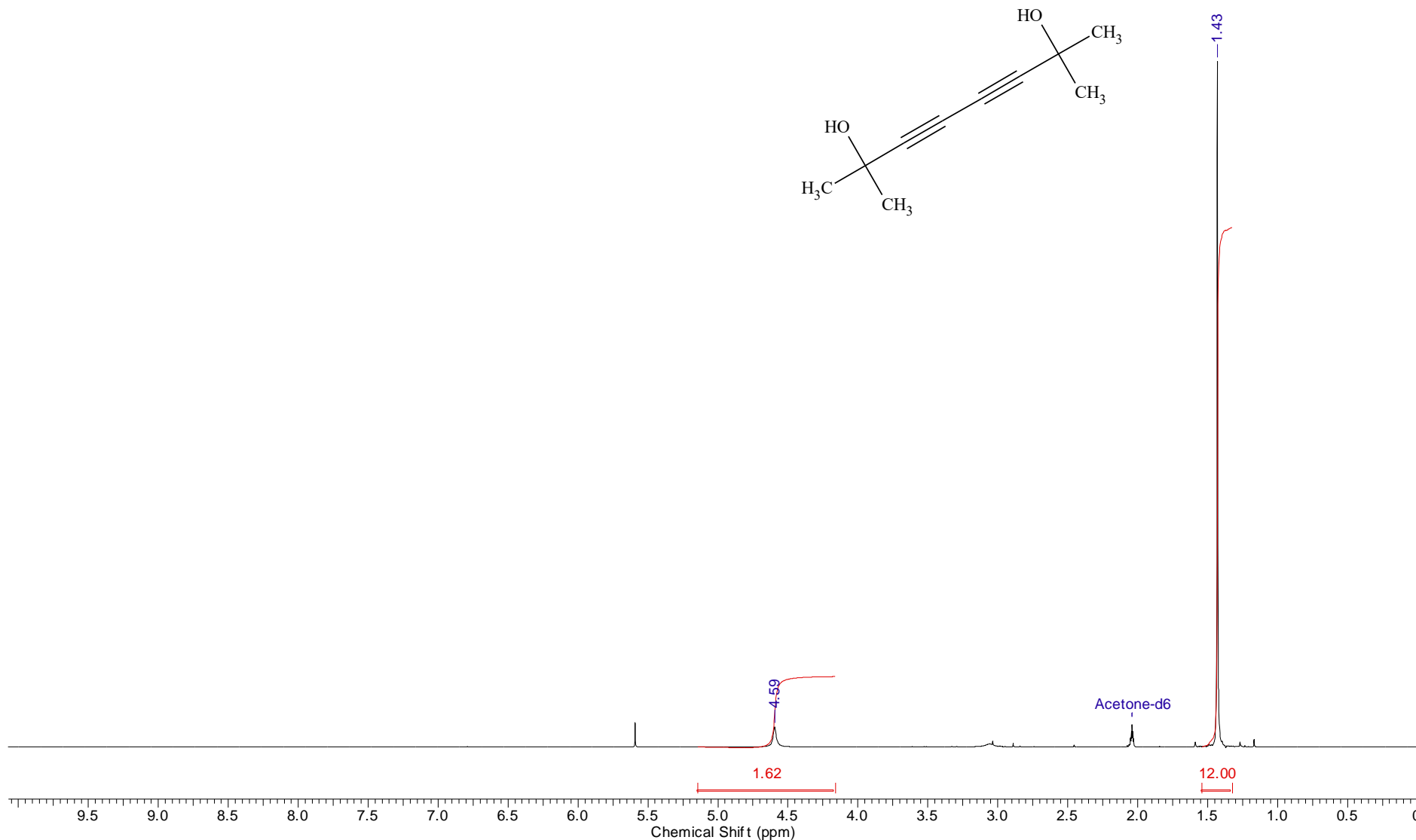


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Number of Transients	89	Original Points Count	16384		Pulse Sequence	zgpg30	
Solvent	DEUTERIUM OXIDE	Sweep Width (Hz)	24154.59		Temperature (degree C)	27.000	

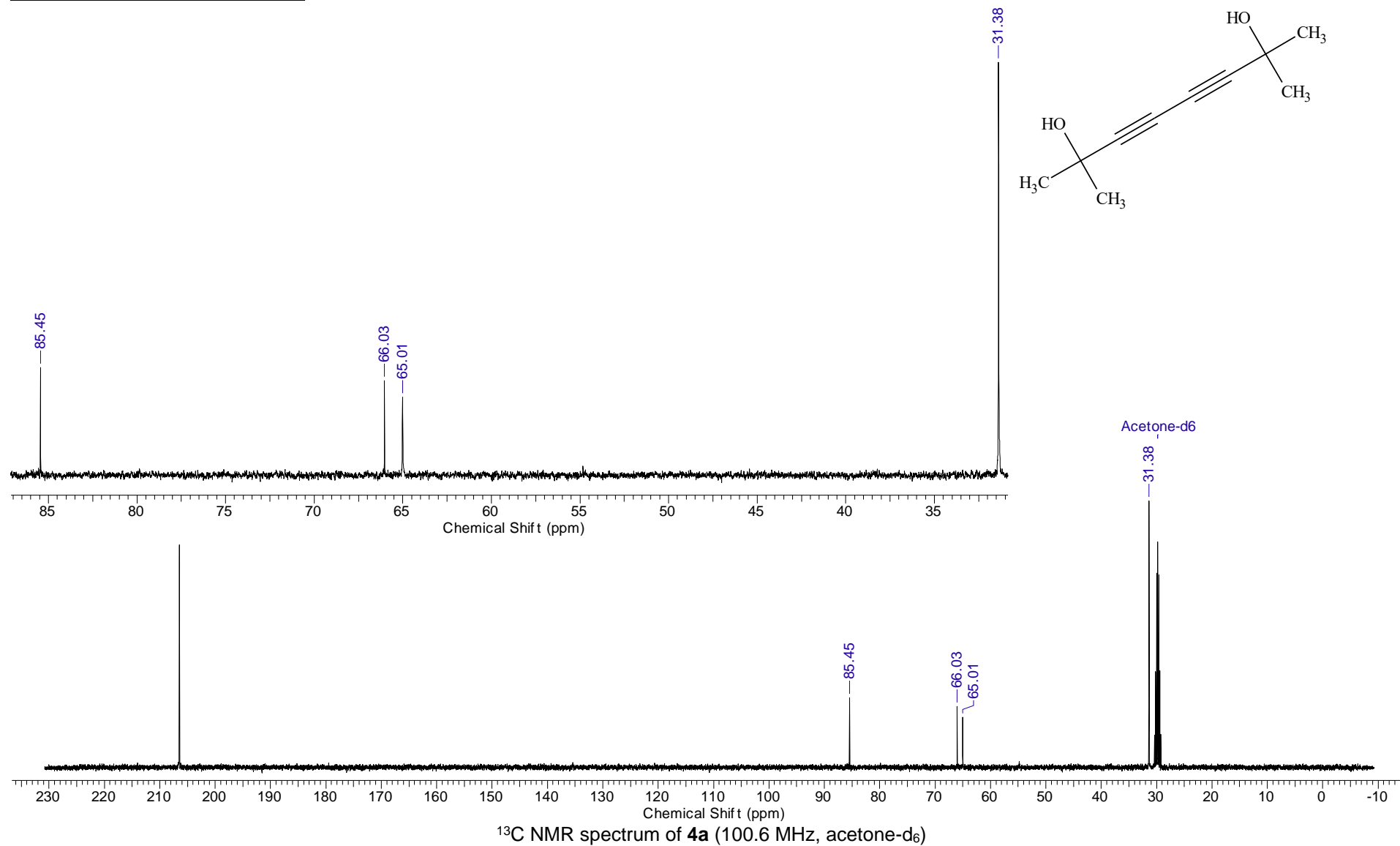


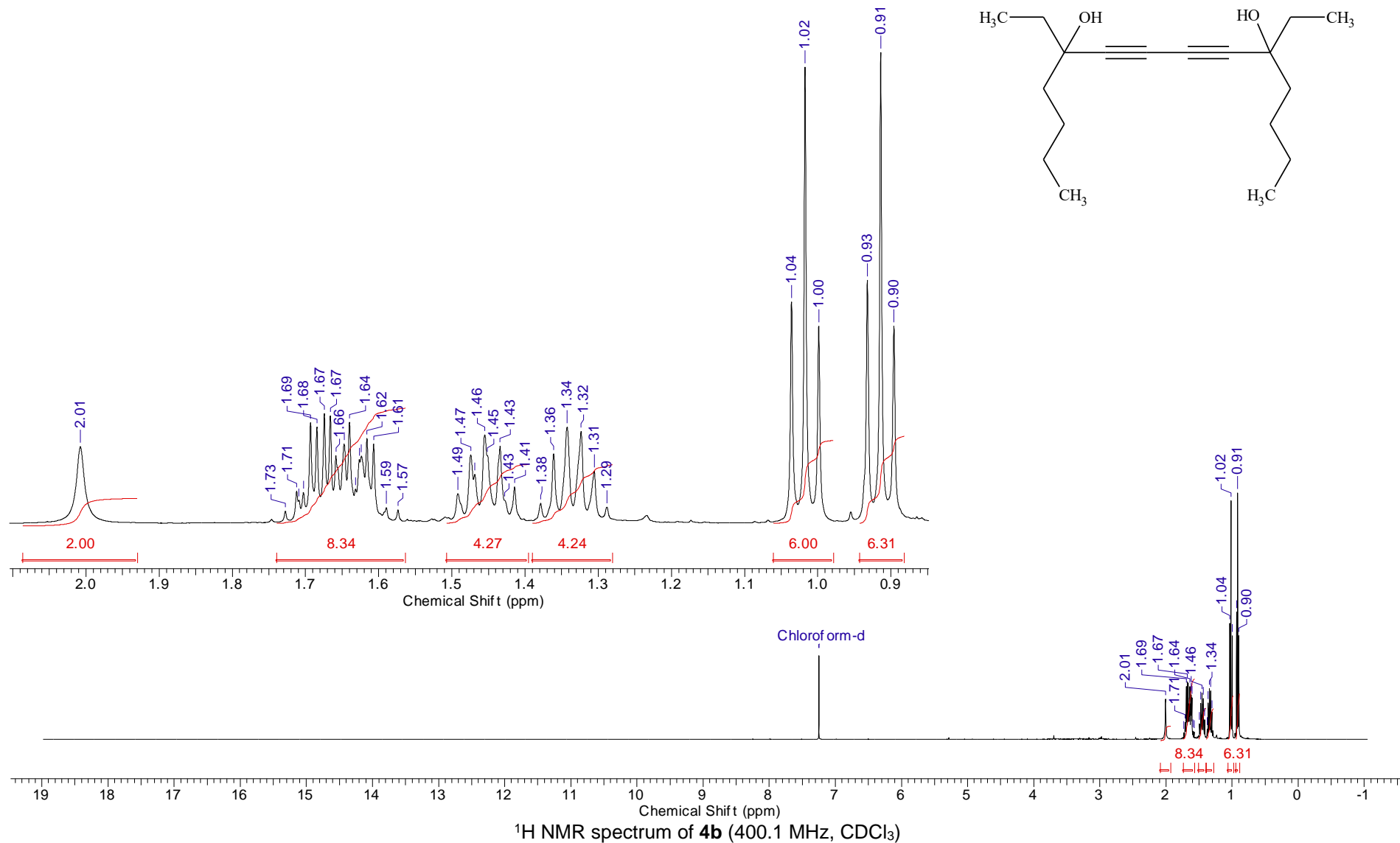
<sup>13</sup>C NMR spectrum of **2k** (100.6 MHz, CDCl<sub>3</sub>)

<b>Acquisition Time (sec)</b>	4.0894	<b>Comment</b>	Imported from UXNMR.		<b>Date</b>	24 Dec 2021 15:52:36	
<b>File Name</b>	C:\DOCS\OUTPUT_301\2021\12.aaaaduu\BM-2366-c.H_001001r				<b>Frequency (MHz)</b>	400.13	
<b>Nucleus</b>	1H	<b>Number of Transients</b>	4	<b>Original Points Count</b>	32768	<b>Points Count</b>	131072
<b>Pulse Sequence</b>	zg30	<b>Solvent</b>	Acetone	<b>Sweep Width (Hz)</b>	8012.82	<b>Temperature (degree C)</b>	27.000



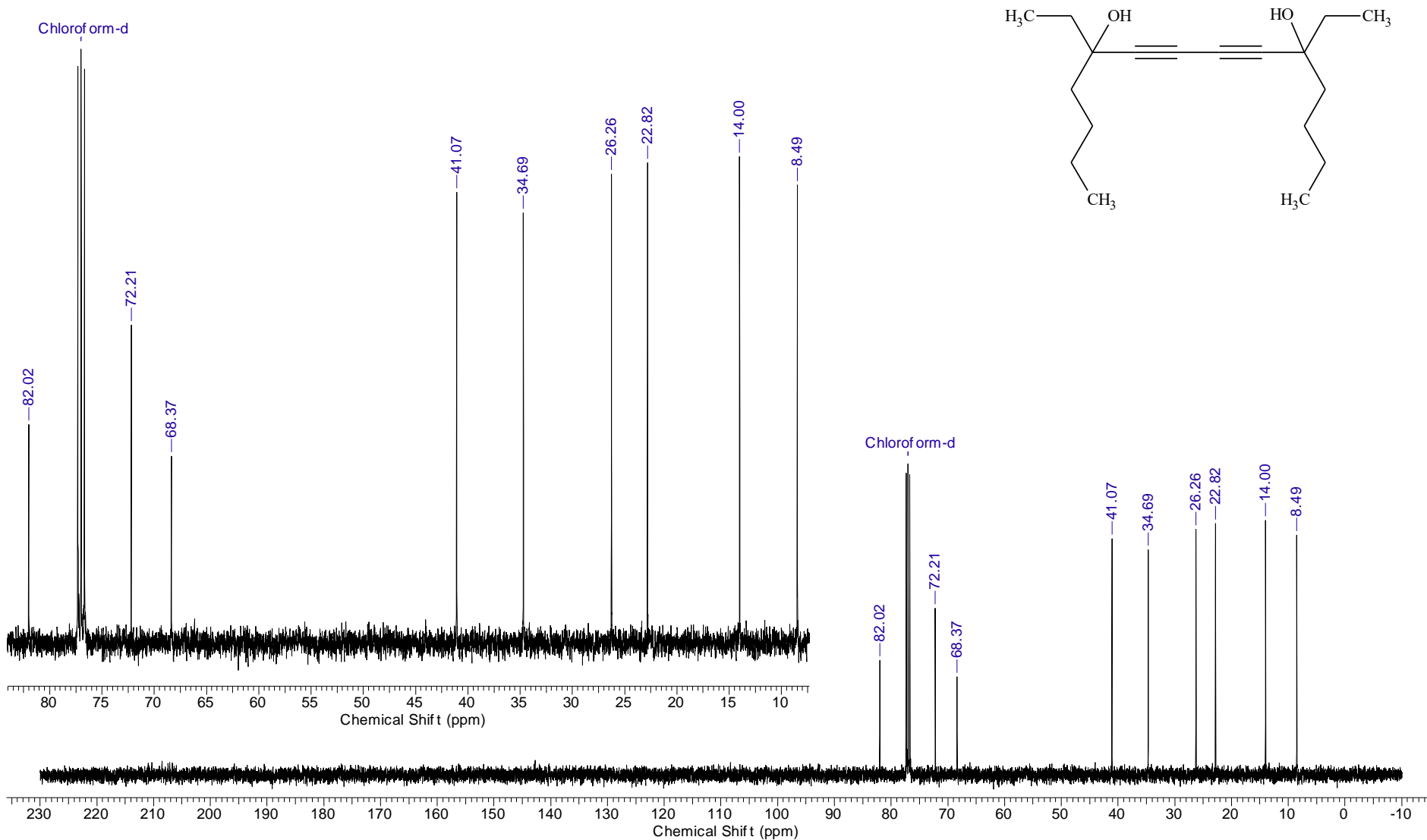
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Nucleus	13C	Number of Transients	25	Original Points Count	16384		Points Count	131072	
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D			Sweep Width (Hz)		24154.59	
Temperature (degree C)	27.000								





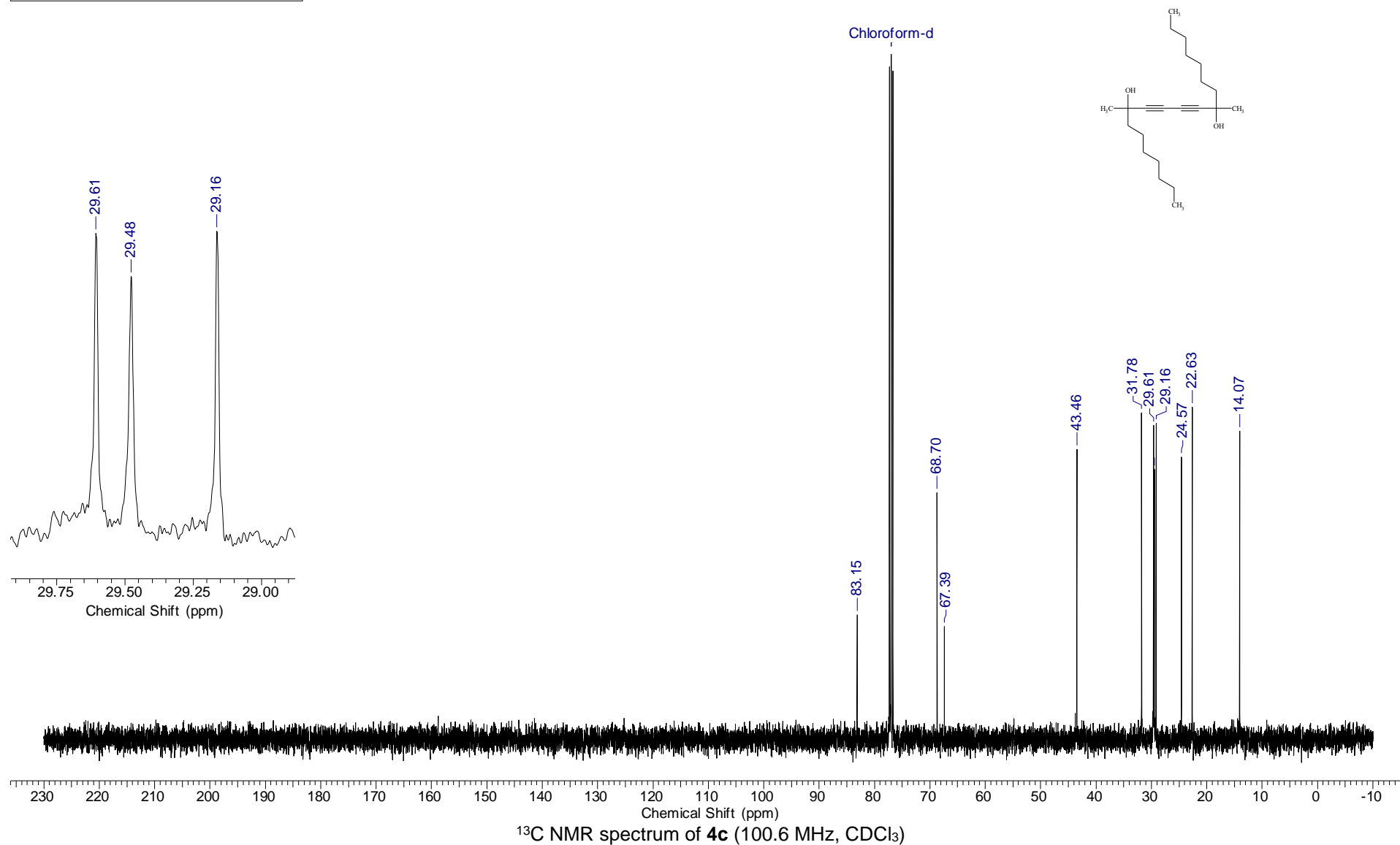


<b>Acquisition Time (sec)</b>	0.6783	<b>Comment</b>	Imported from UXNMR.		<b>Date</b>	25 Dec 2021 23:04:58	
<b>File Name</b>	C:\BM_DATA\DOCS\B1 D_01_0000\2021\BM-2397-2\BM-2397-2_002001r				<b>Frequency (MHz)</b>	100.61	
<b>Nucleus</b>	13C	<b>Number of Transients</b>	64	<b>Original Points Count</b>	16384	<b>Points Count</b>	131072
<b>Pulse Sequence</b>	zgpg30	<b>Solvent</b>	CHLOROFORM-D		<b>Sweep Width (Hz)</b>	24154.59	
<b>Temperature (degree C)</b>	27.000						

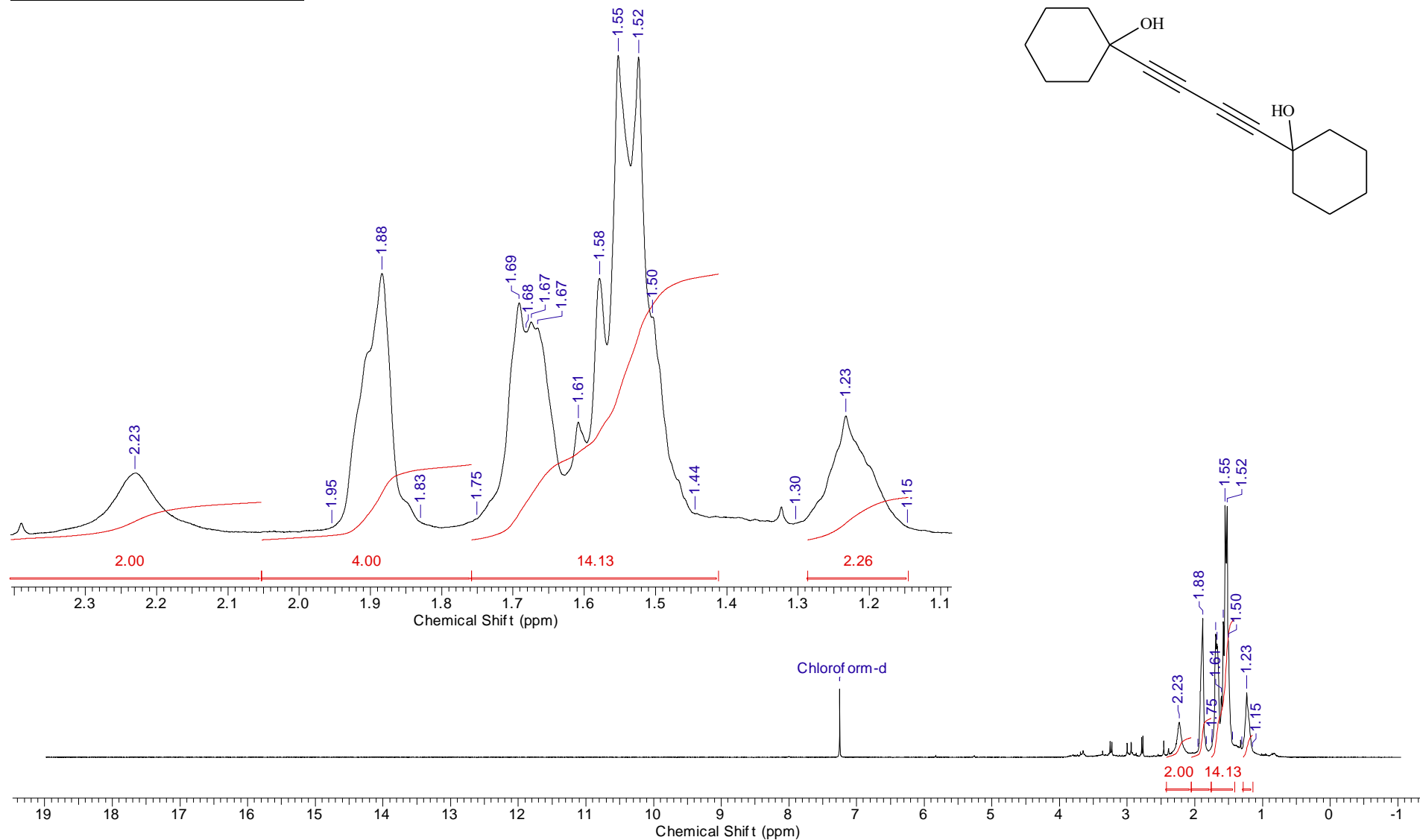




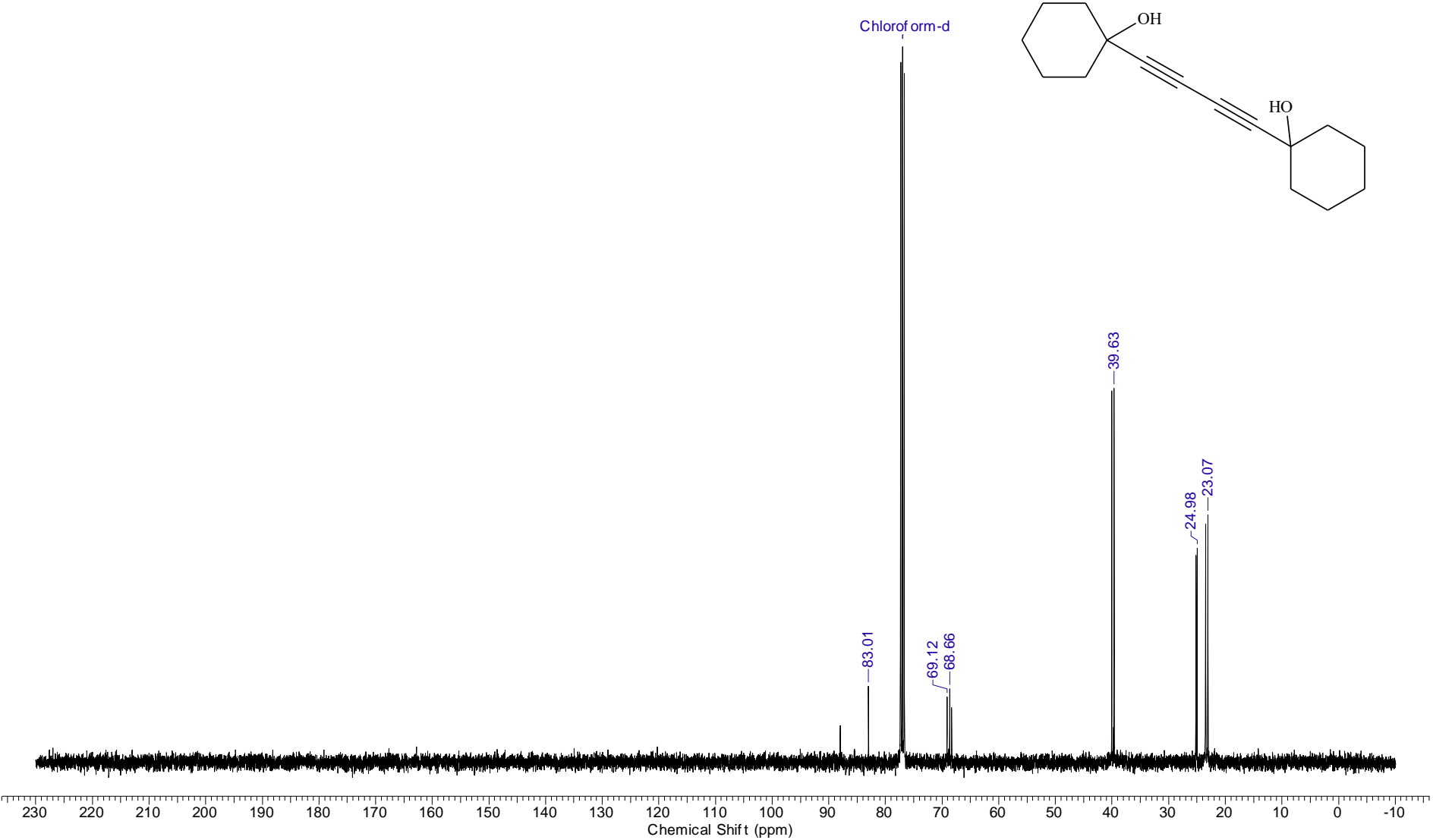
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File Name				Frequency (MHz)	100.61
Nucleus	13C	Number of Transients	129	Original Points Count	16384
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D	Points Count	131072
Temperature (degree C)	27.000			Sweep Width (Hz)	24154.59



Acquisition Time (sec)	4.0894	Comment	Imported from UXMNR.		Date	22 Dec 2021 17:20:34	
File Name	C:\DOCS\OUTPUT_301\2021\12.ääääöü\BM-2381-2.H_001001r				Frequency (MHz)	400.13	
Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	CHLOROFORM-D		Sweep Width (Hz)	8012.82	
Temperature (degree C)	27.000						

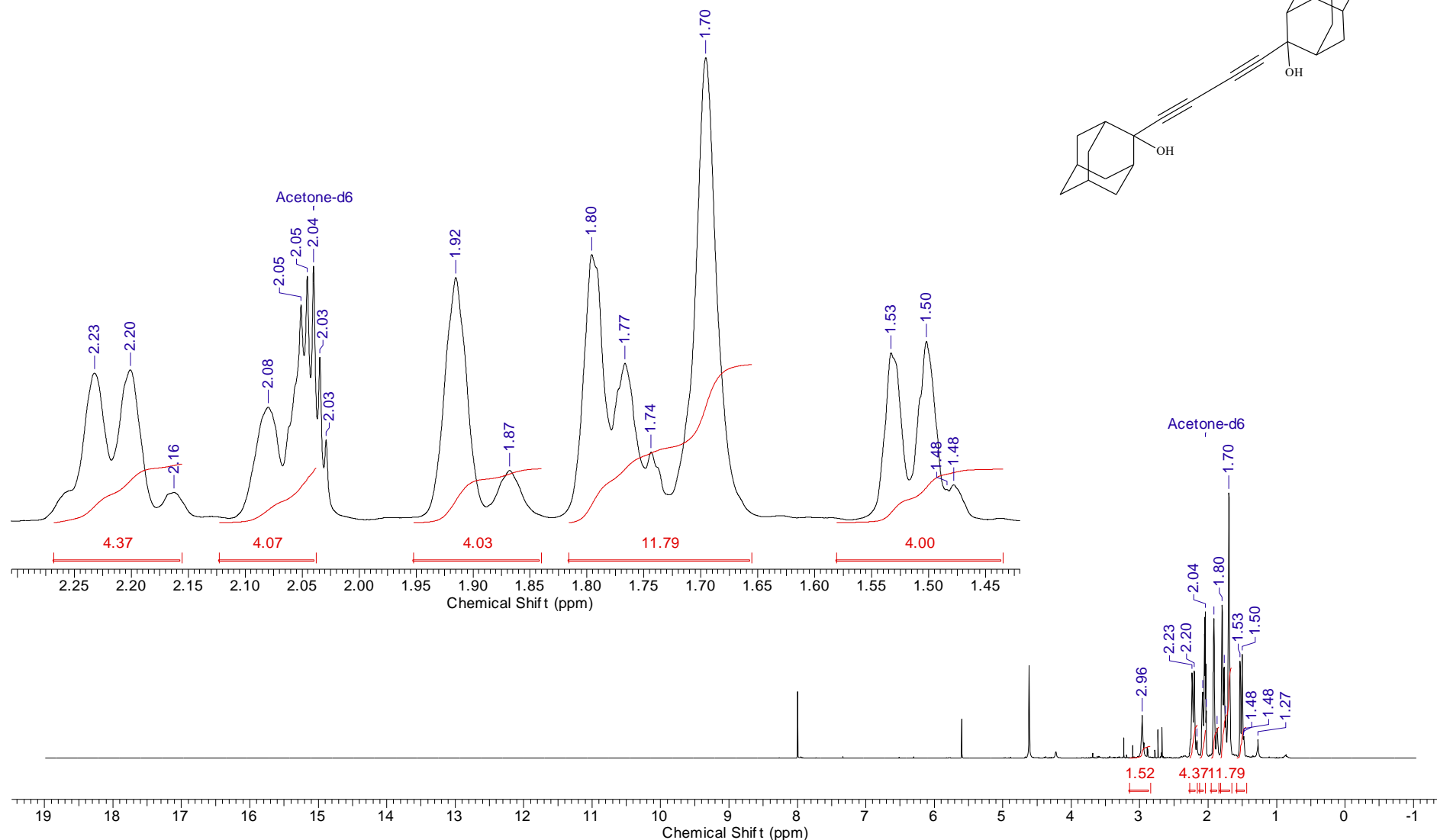
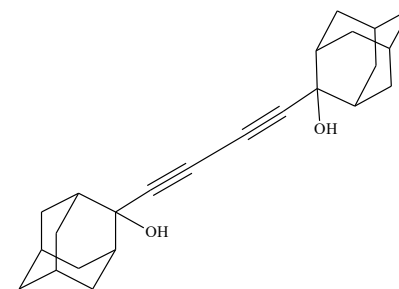
<sup>1</sup>H NMR spectrum of **4d** (400.1 MHz, CDCl<sub>3</sub>)

Acquisition Time (sec)	0.6783	Comment			Imported from UXNMR.		Date	23 Dec 2021 11:41:00	
File Name	C:\DOCS\OUTPUT_301\2021\12.äääääöü\BM-2381-2.C_002001r						Frequency (MHz)	100.61	
Nucleus	13C	Number of Transients	299	Original Points Count	16384		Points Count	131072	
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D			Sweep Width (Hz)	24154.59		
Temperature (degree C)	27.000								



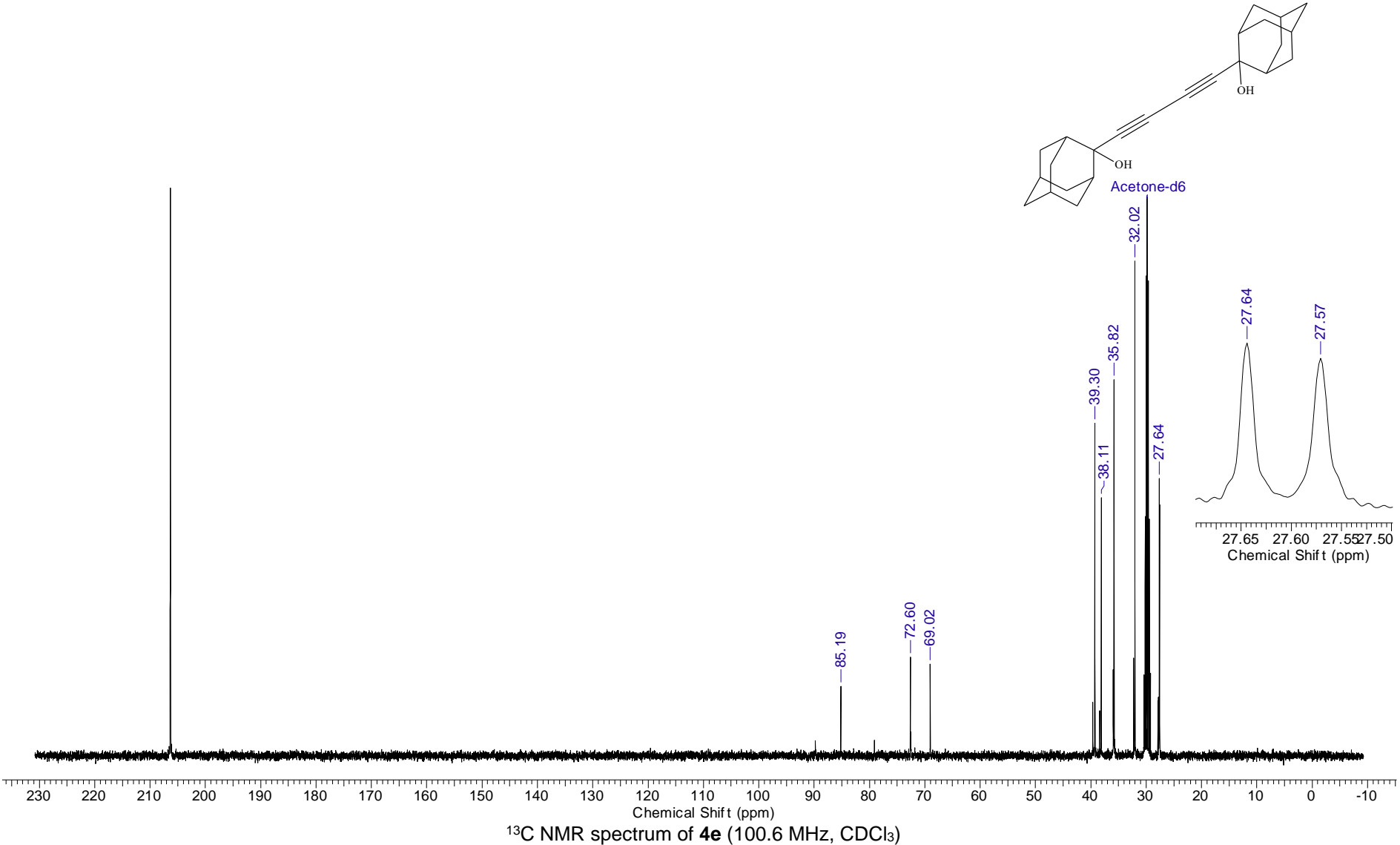
13C NMR spectrum of 4d (100.6 MHz, CDCl<sub>3</sub>)

Acquisition Time (sec)	4.0894	Comment	Imported from UXNMR.		Date	24 Dec 2021 15:47:04	
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Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	Acetone	Sweep Width (Hz)	8012.82	Temperature (degree C)	27.000

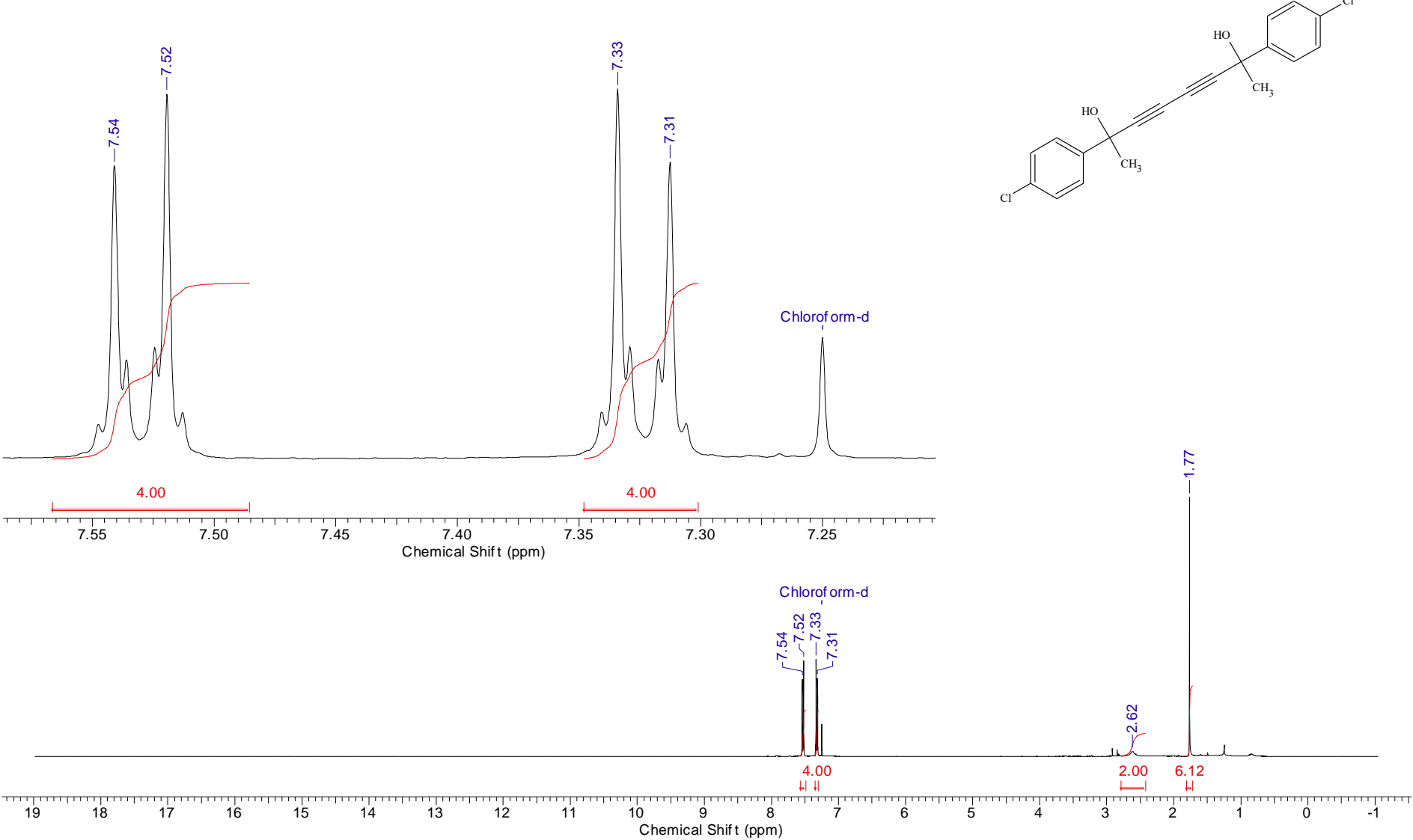


<sup>1</sup>H NMR spectrum of **4e** (400.1 MHz, CDCl<sub>3</sub>)

Acquisition Time (sec)	0.6783	Comment	Imported from UXNMR.	Date	24 Dec 2021 15:50:56
File Name	C:\DOCS\OUTPUT_301\2021\12.aaaaa\BM-2382-2.C_002001r			Frequency (MHz)	100.61
Nucleus	<sup>13</sup> C	Number of Transients	65	Original Points Count	16384
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D	Points Count	131072
Temperature (degree C)	27.000			Sweep Width (Hz)	24154.59



Acquisition Time (sec)	4.0894	Comment			Imported from UXNMR.	Date	23 Dec 2021 12:37:34
File Name	C:\DOCS\OUTPUT_301\2021\12.äääääöü\BM-2392-2.H_001001r					Frequency (MHz)	400.13
Nucleus	1H	Number of Transients	4	Original Points Count	32768	Points Count	131072
Pulse Sequence	zg30	Solvent	BENZENE-D6	Sweep Width (Hz)	8012.82	Temperature (degree C)	27.000



<sup>1</sup>H NMR spectrum of **4f** (400.1 MHz, CDCl<sub>3</sub>)



Acquisition Time (sec)	0.6783	Comment	Imported from UXNMR.	Date	23 Dec 2021 12:48:50
File Name	C:\DOCS\OUTPUT	301\2021\12.aaaaa\BM-2392-2.C_002001r		Frequency (MHz)	100.61
Nucleus	13C	Number of Transients	214	Original Points Count	16384
Pulse Sequence	zgpg30	Solvent	CHLOROFORM-D	Points Count	131072
Temperature (degree C)	27.000			Sweep Width (Hz)	24154.59

