

Structure Elucidation and Botanical Characterization of Diterpenes from a Specific Type of Bee Glue

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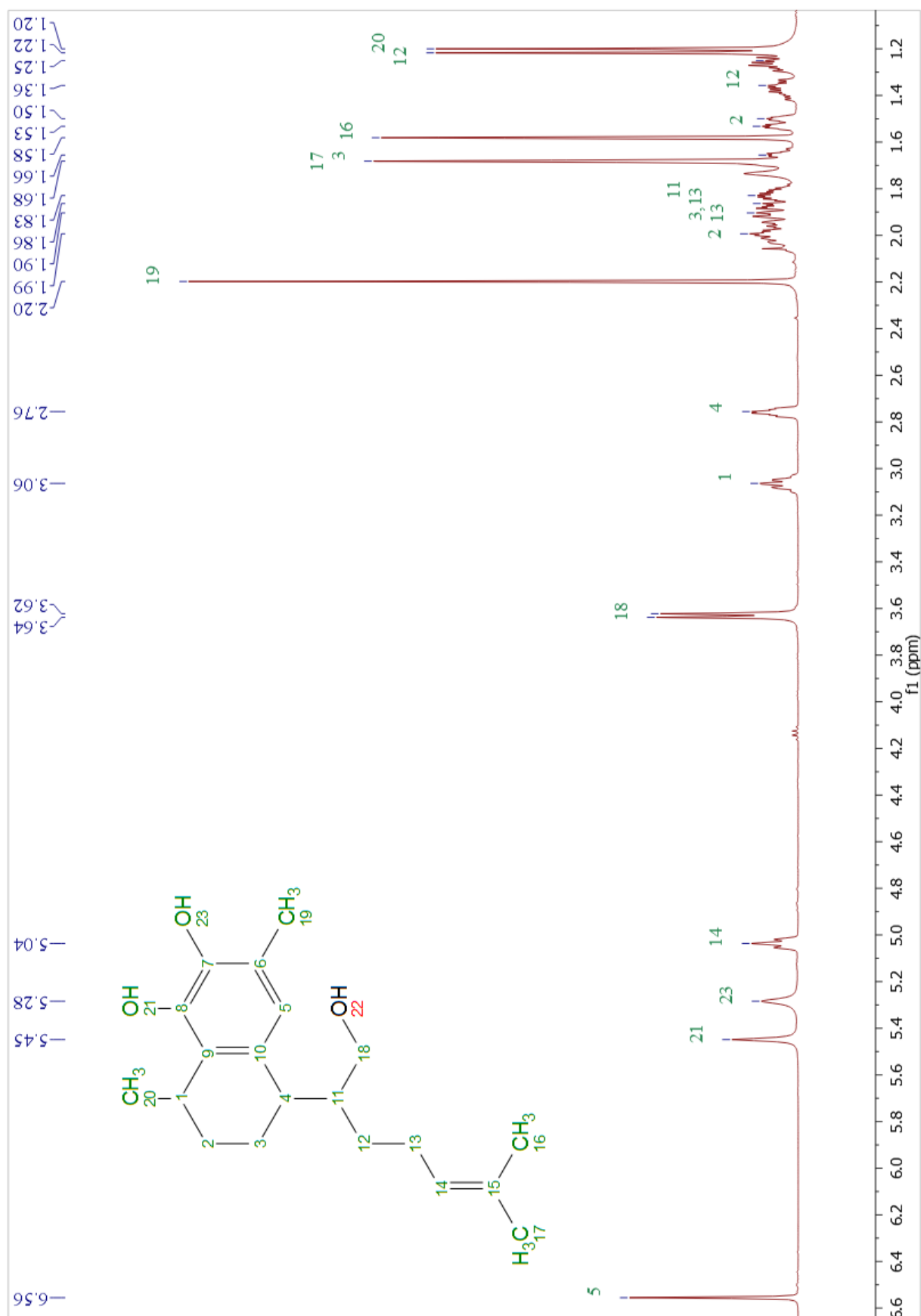
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Supporting Information

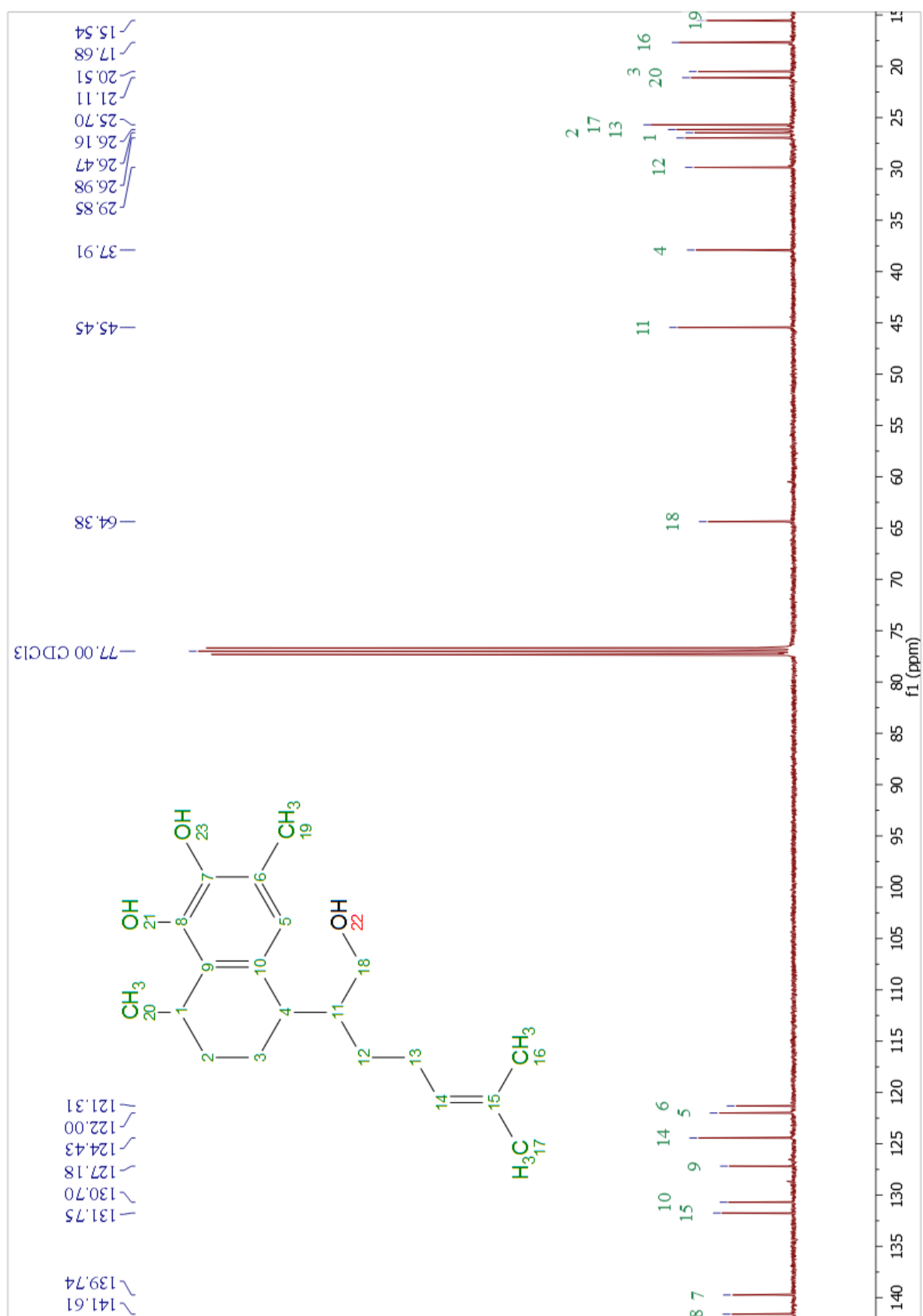
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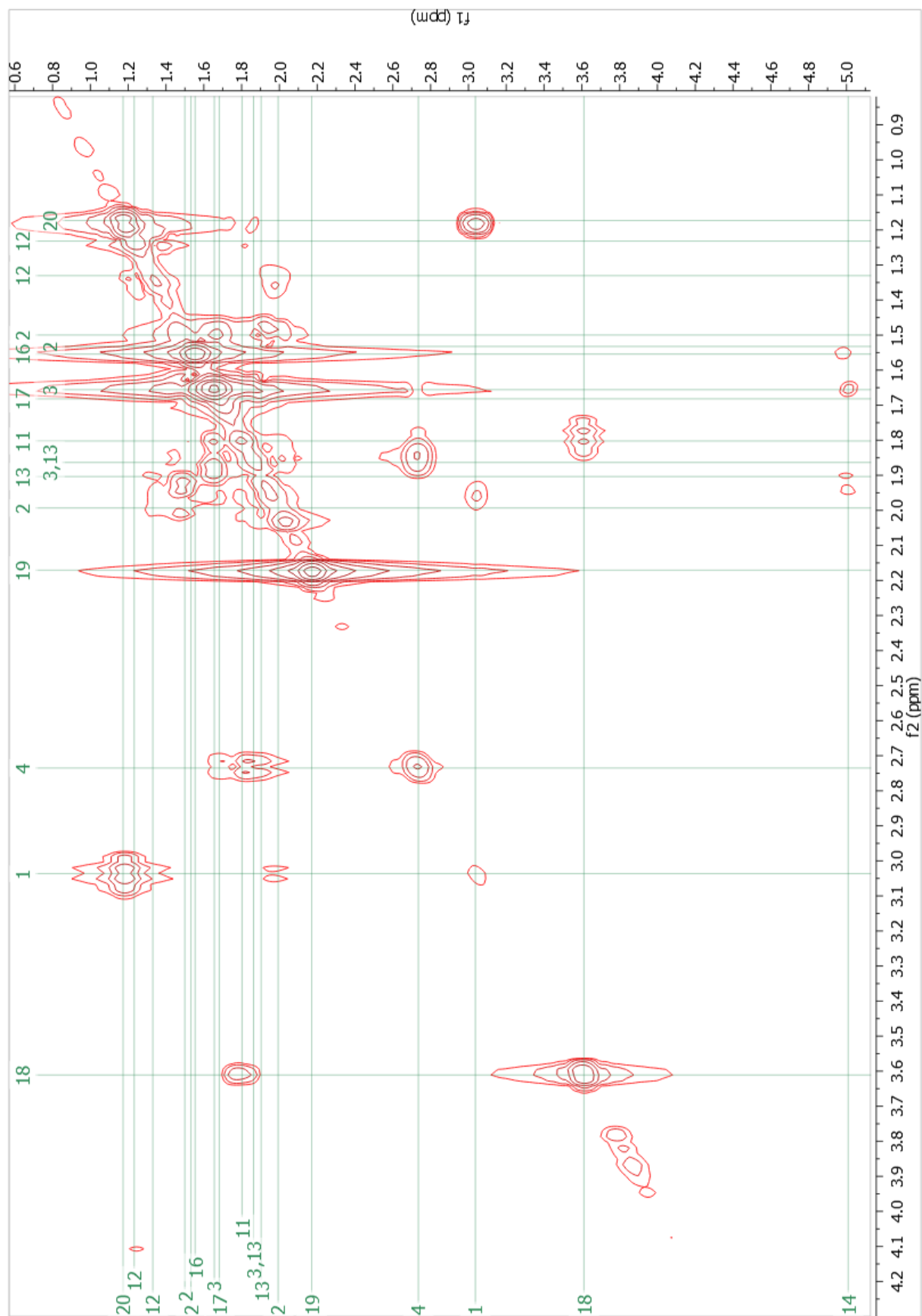
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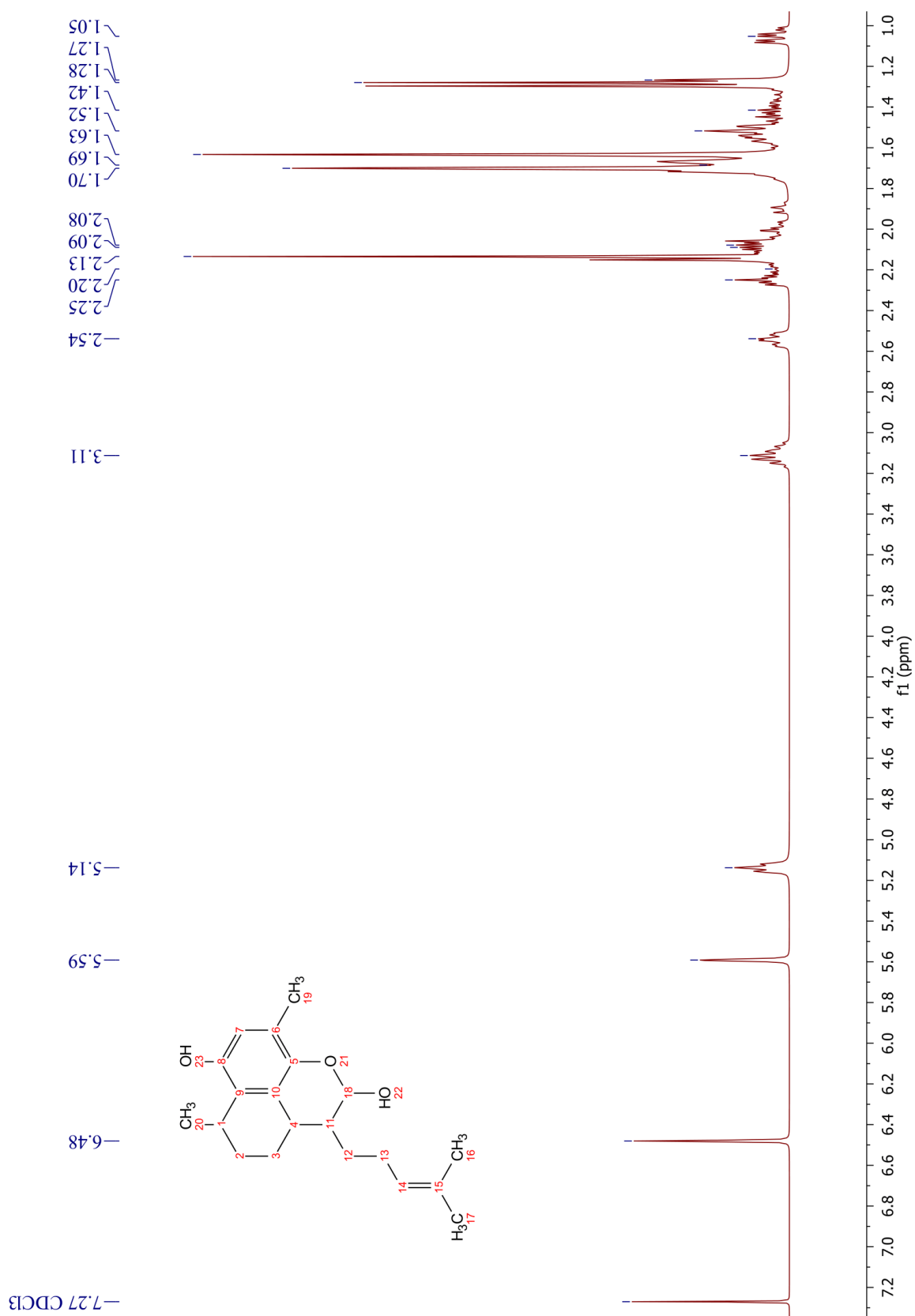
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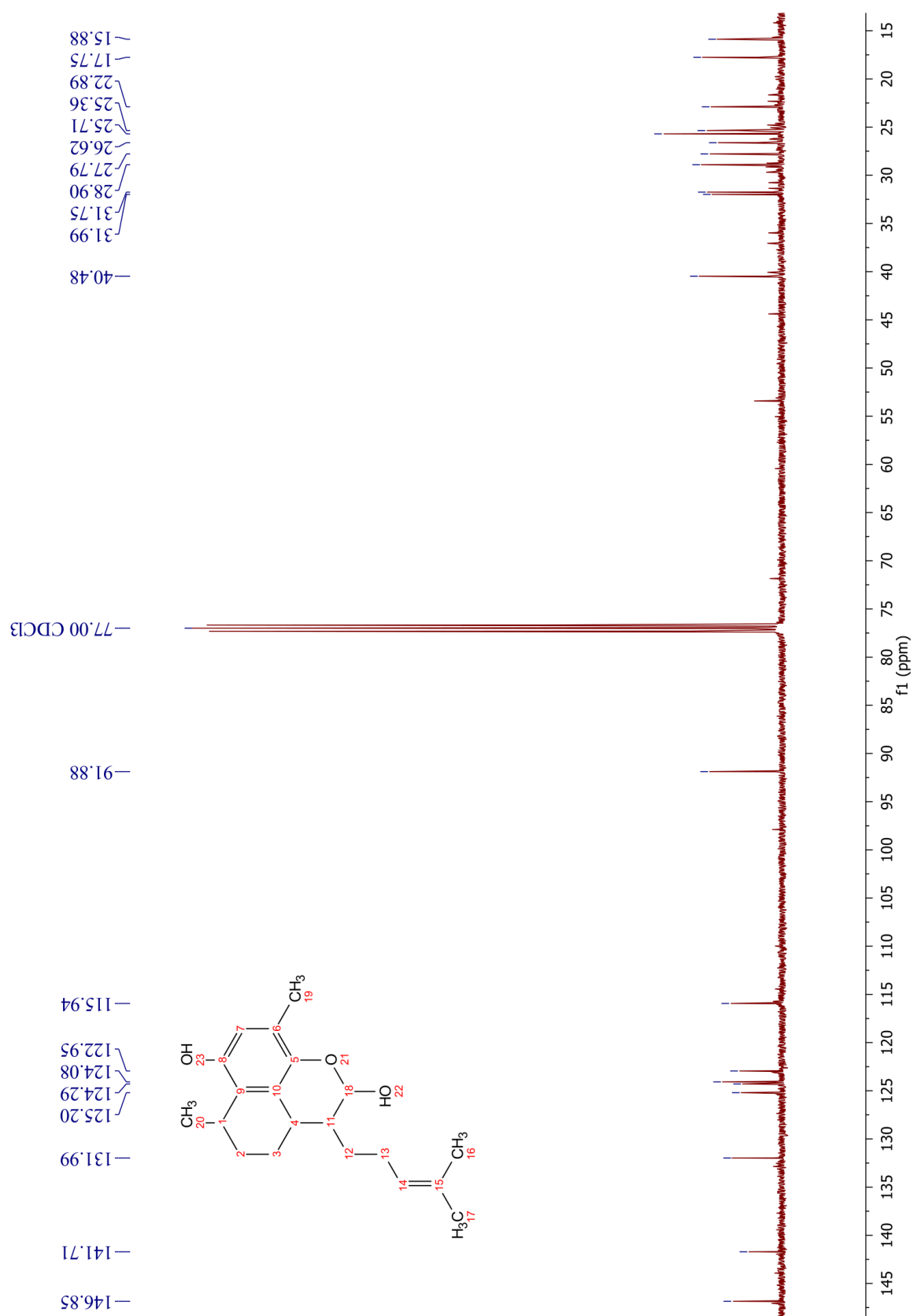
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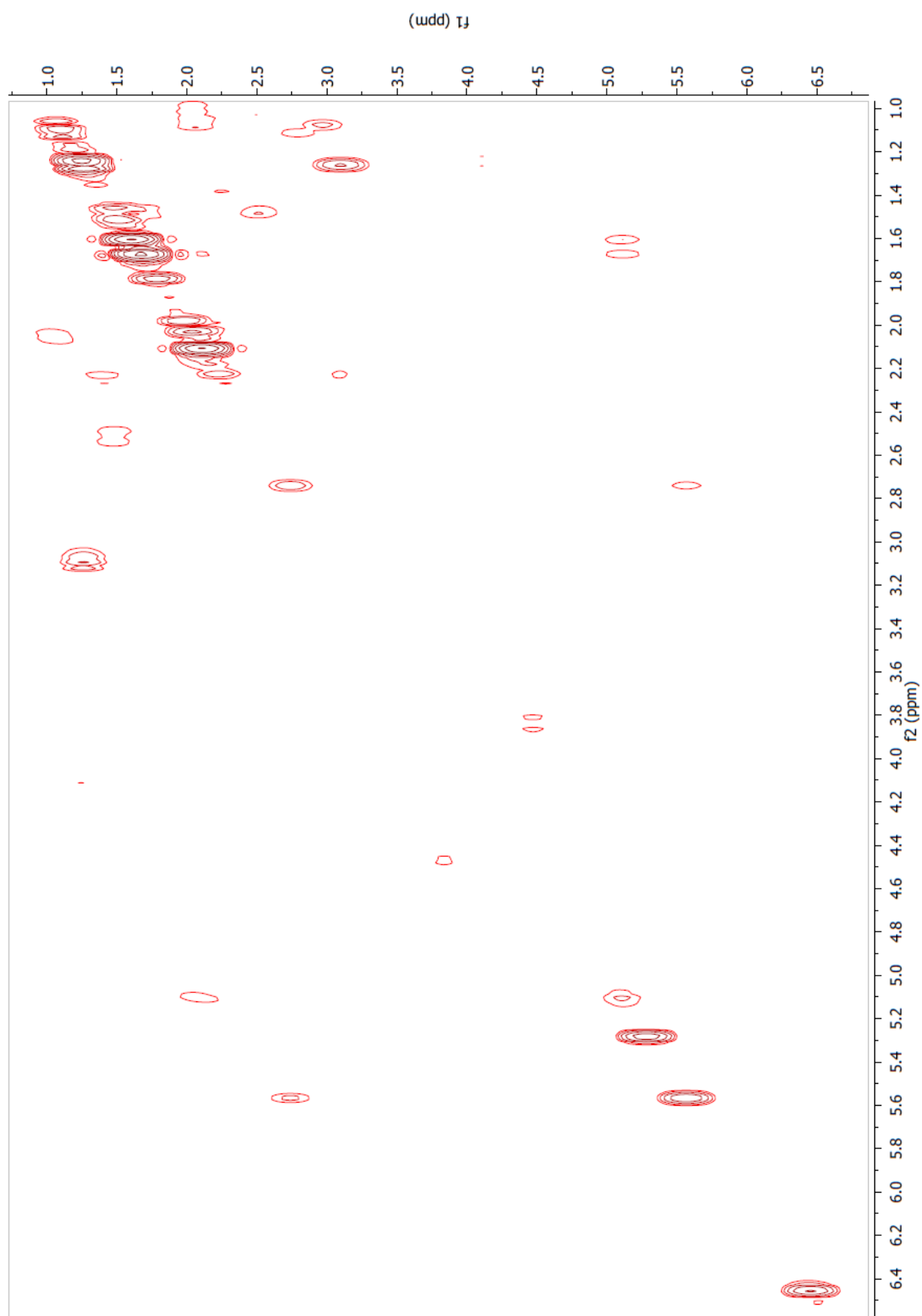
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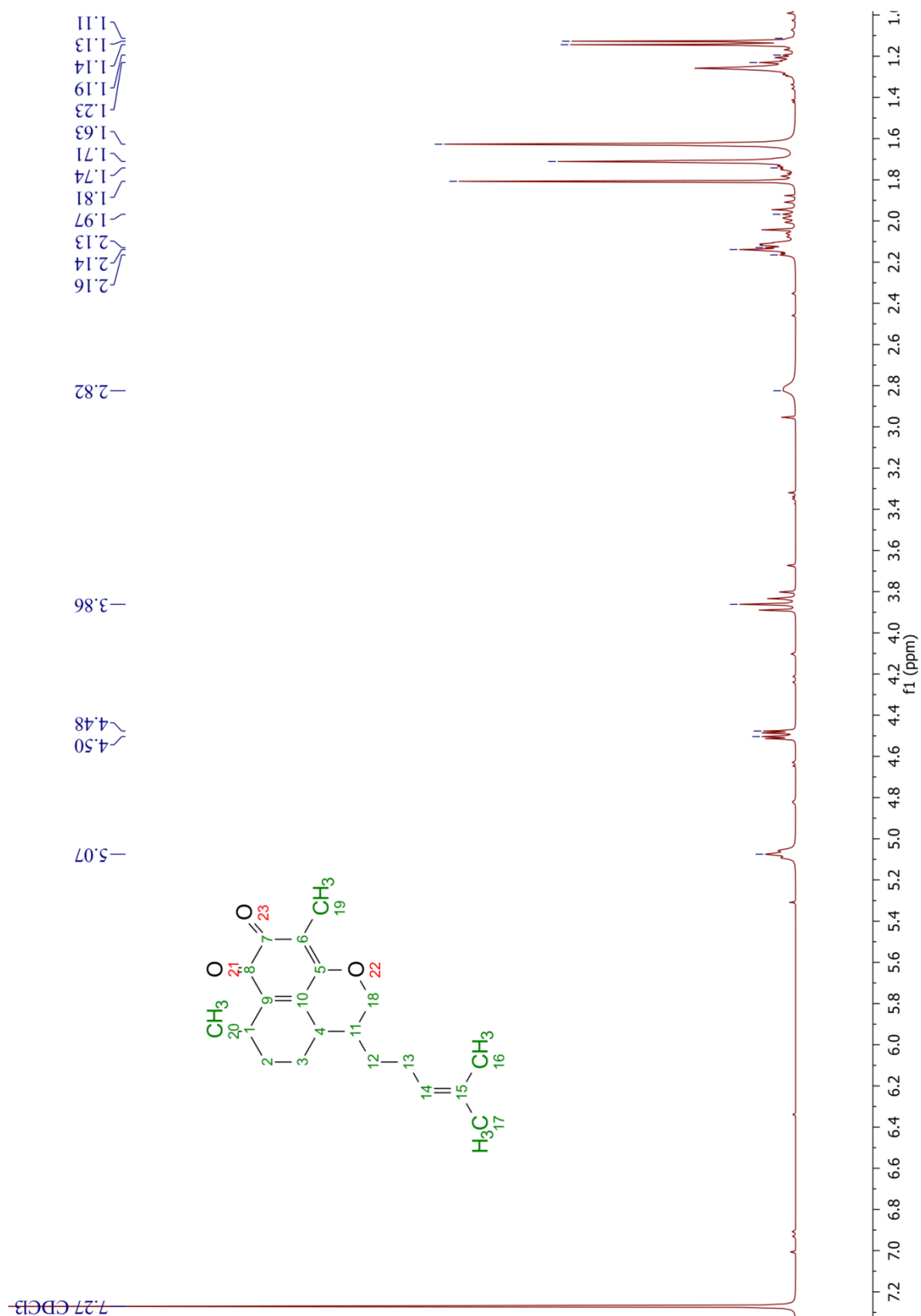
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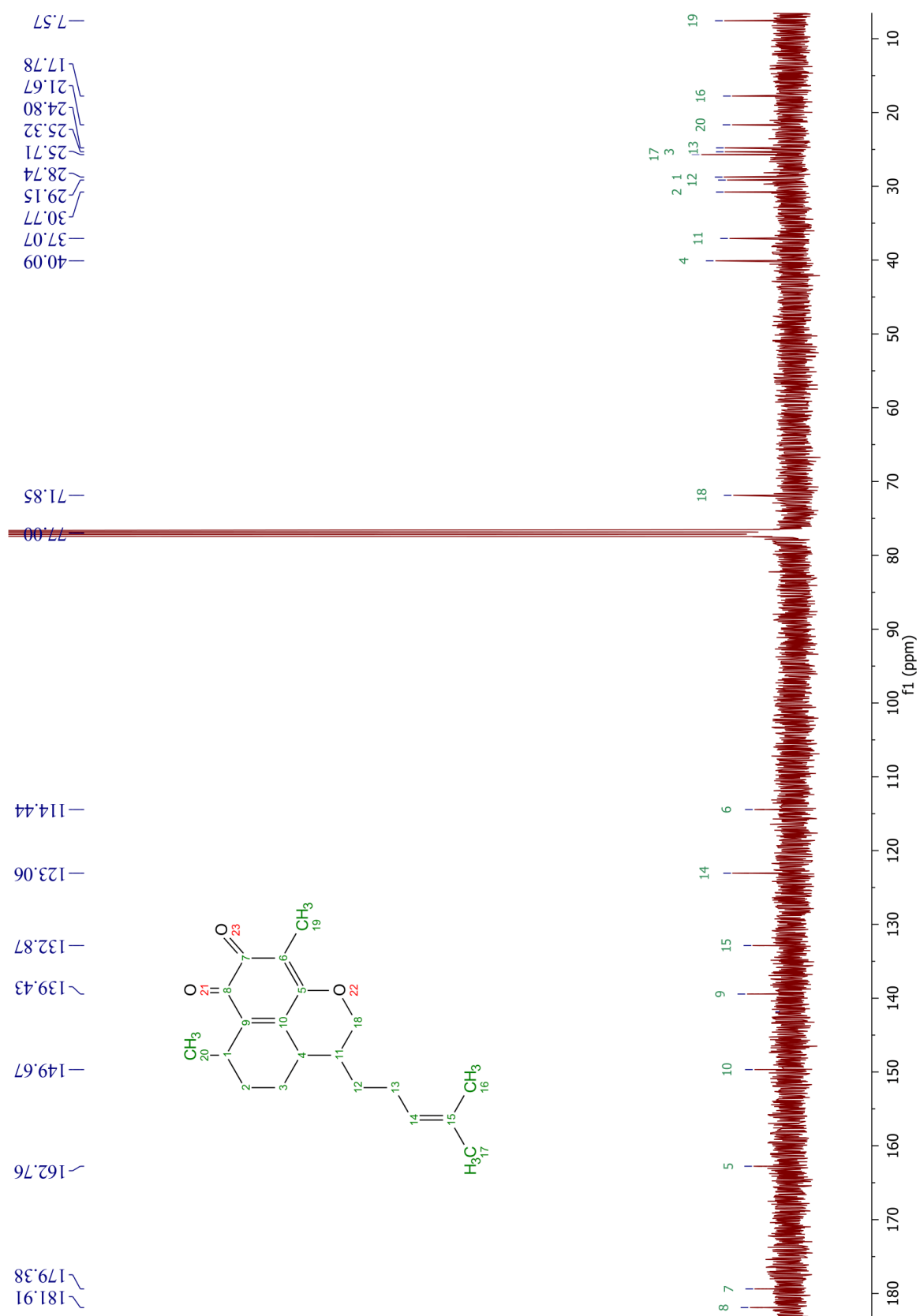
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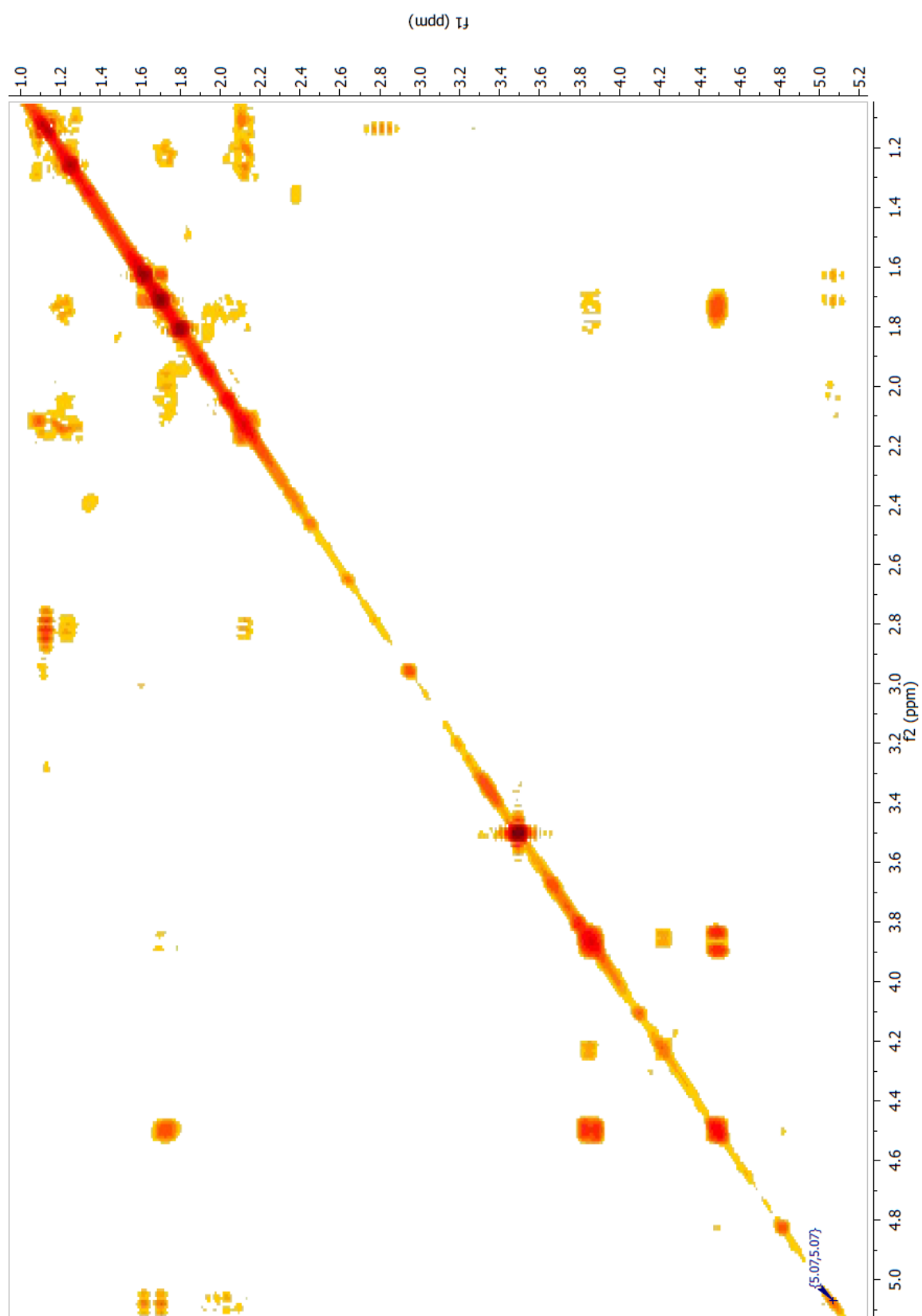
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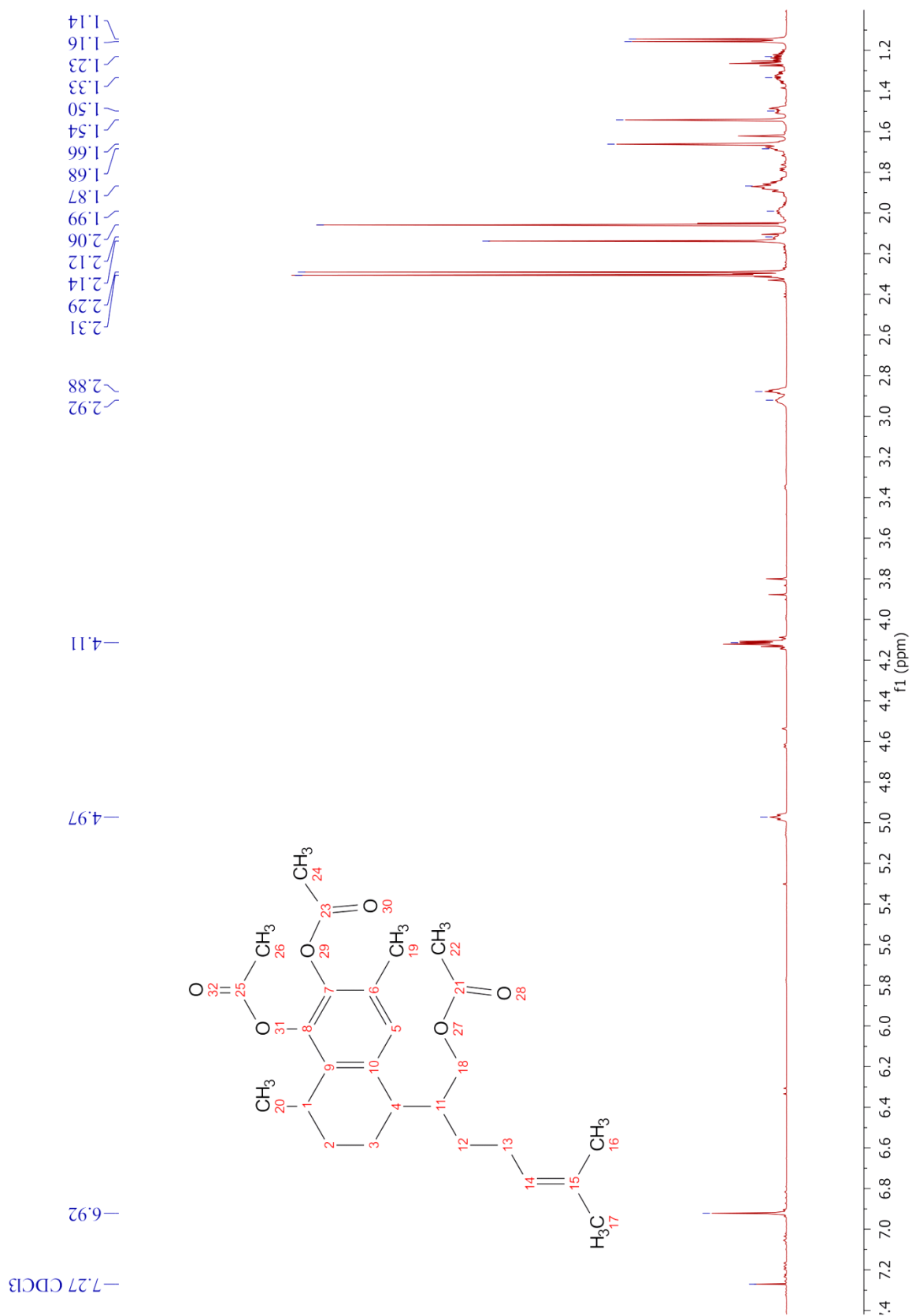
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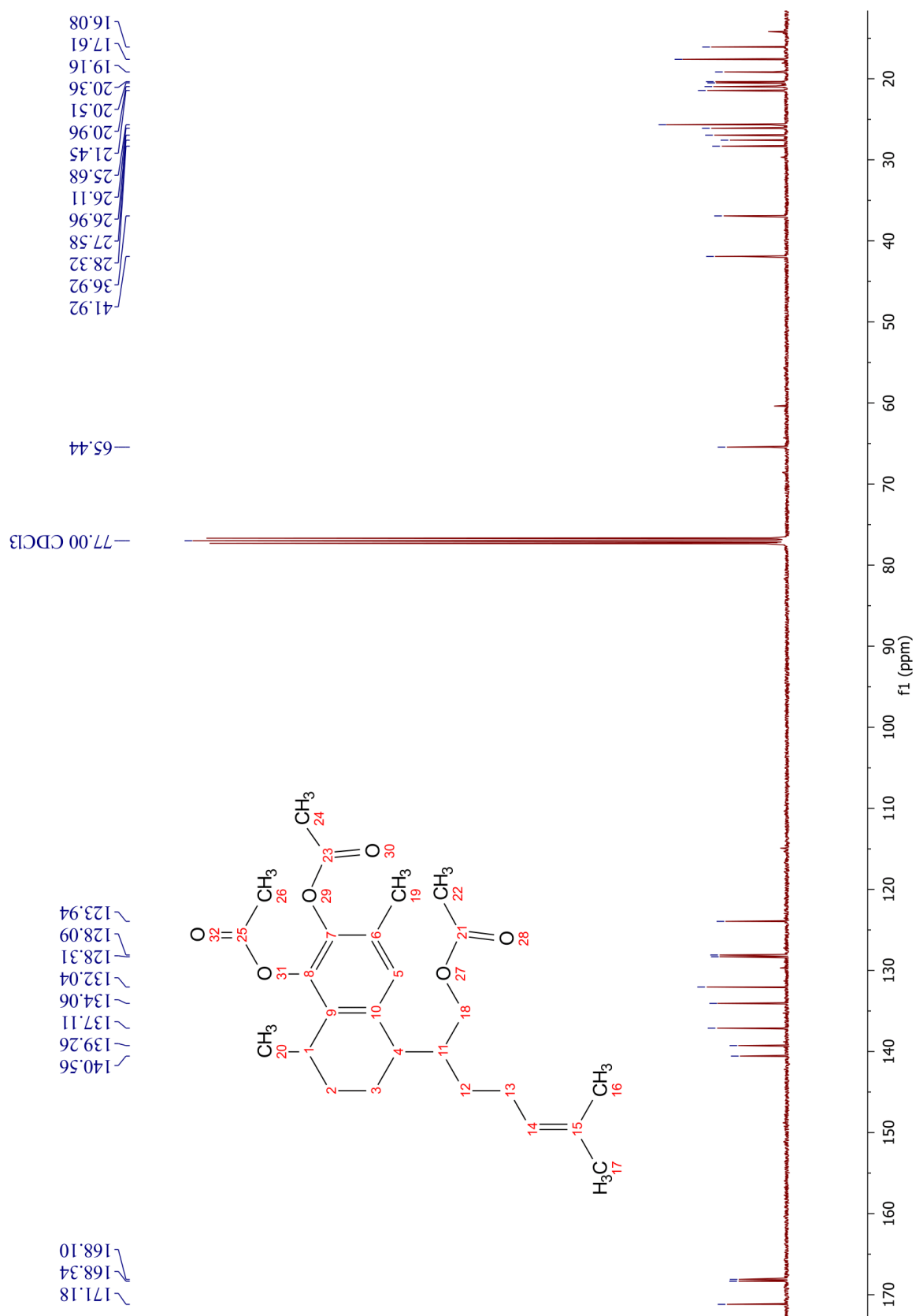
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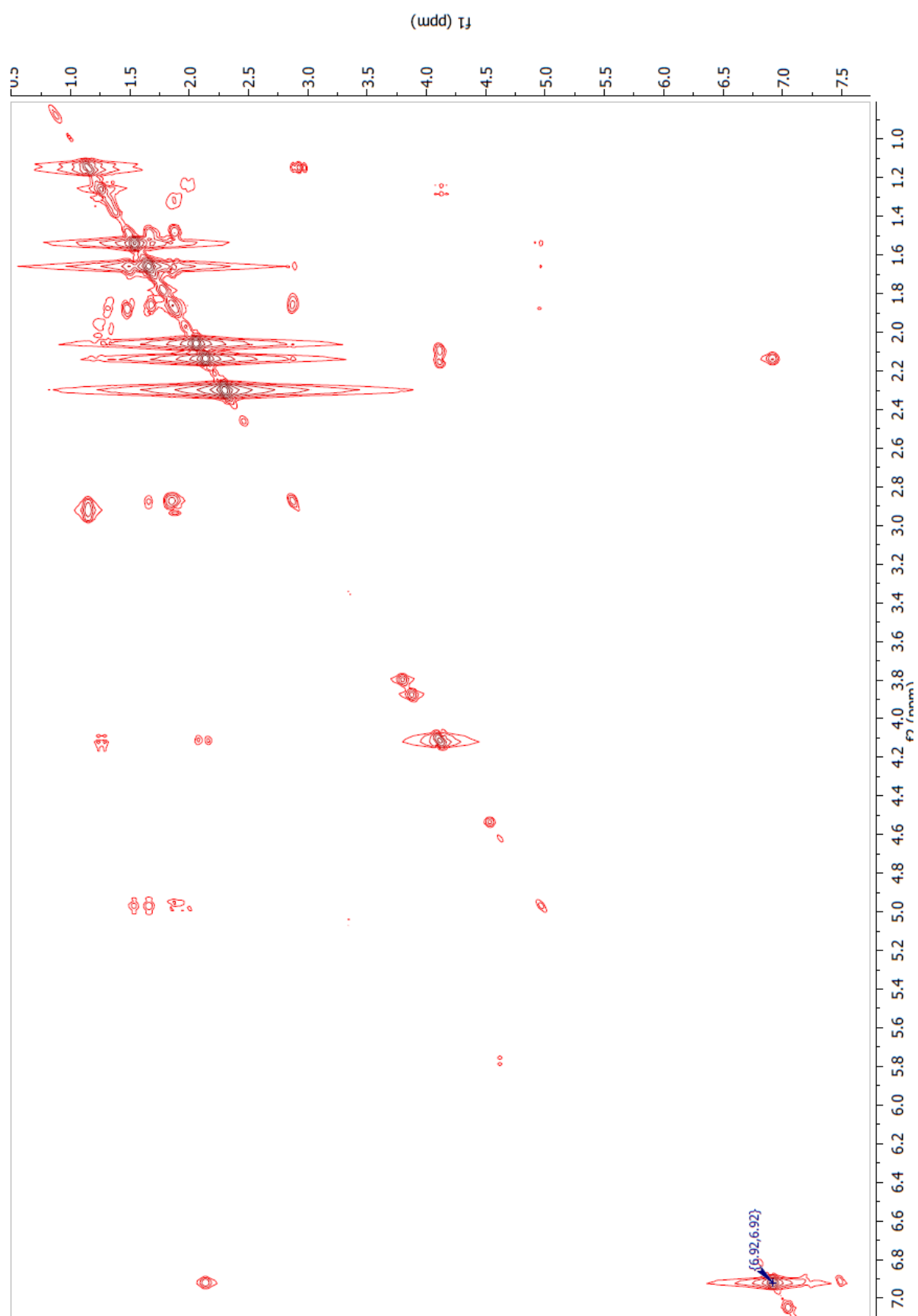
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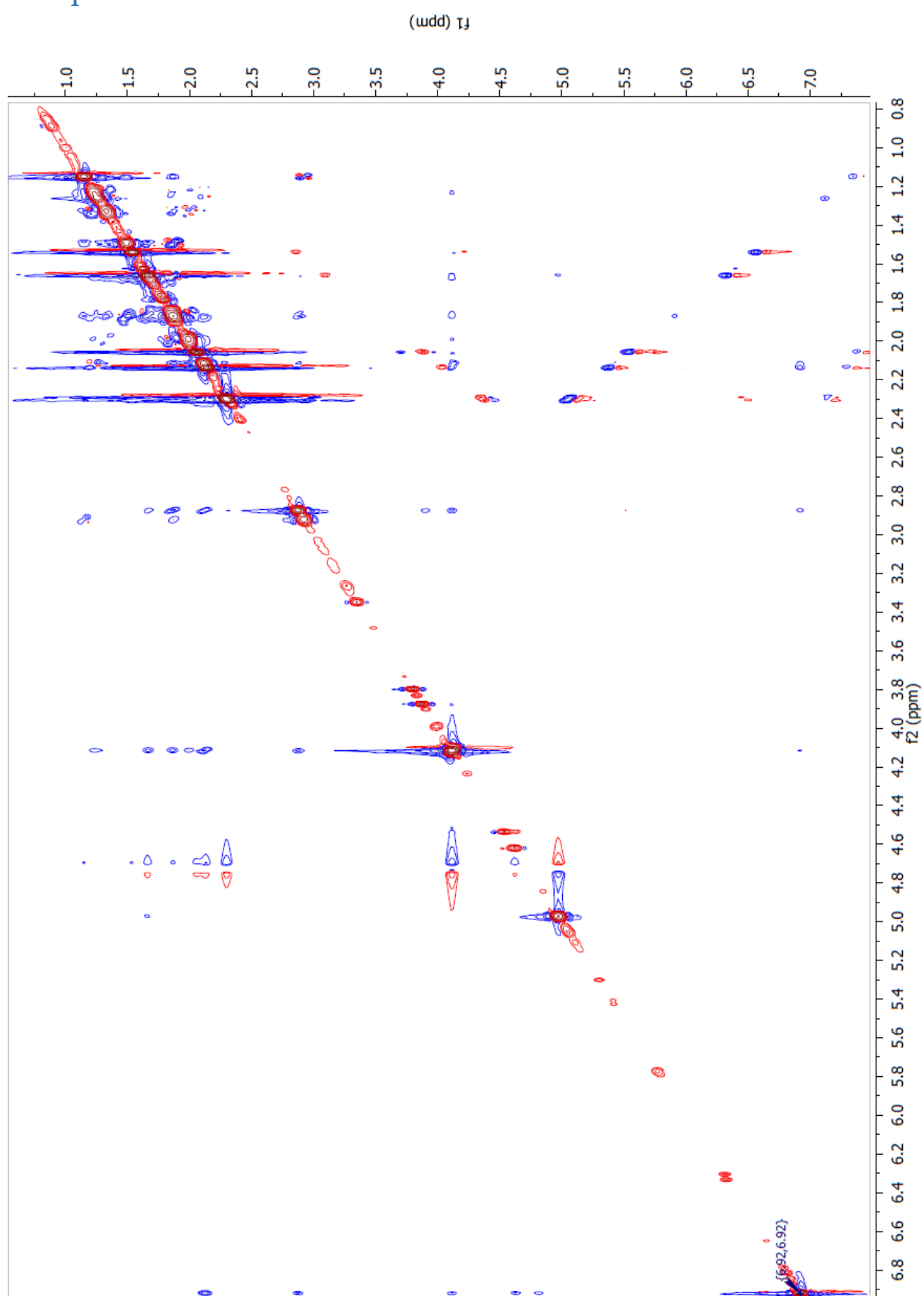
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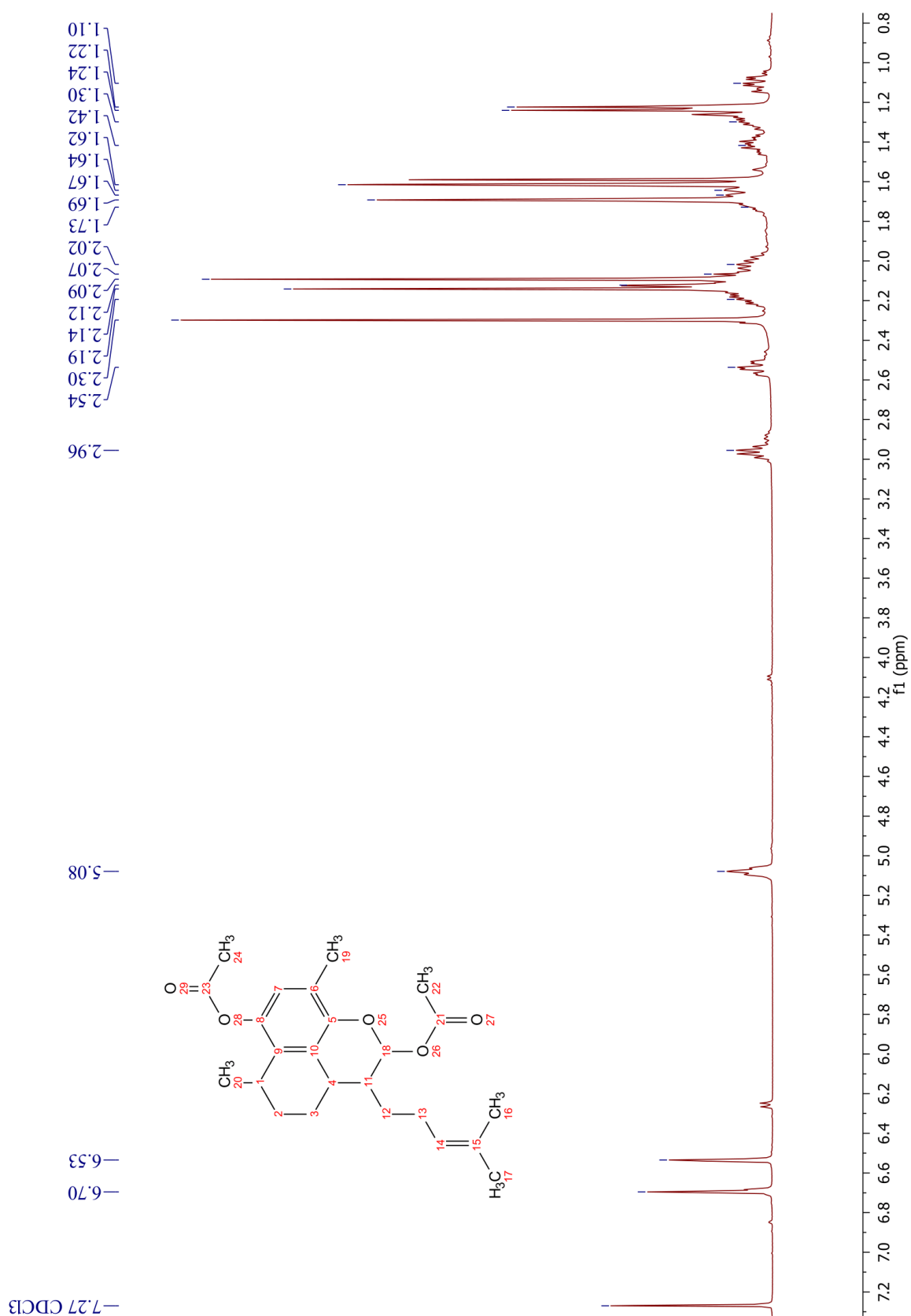
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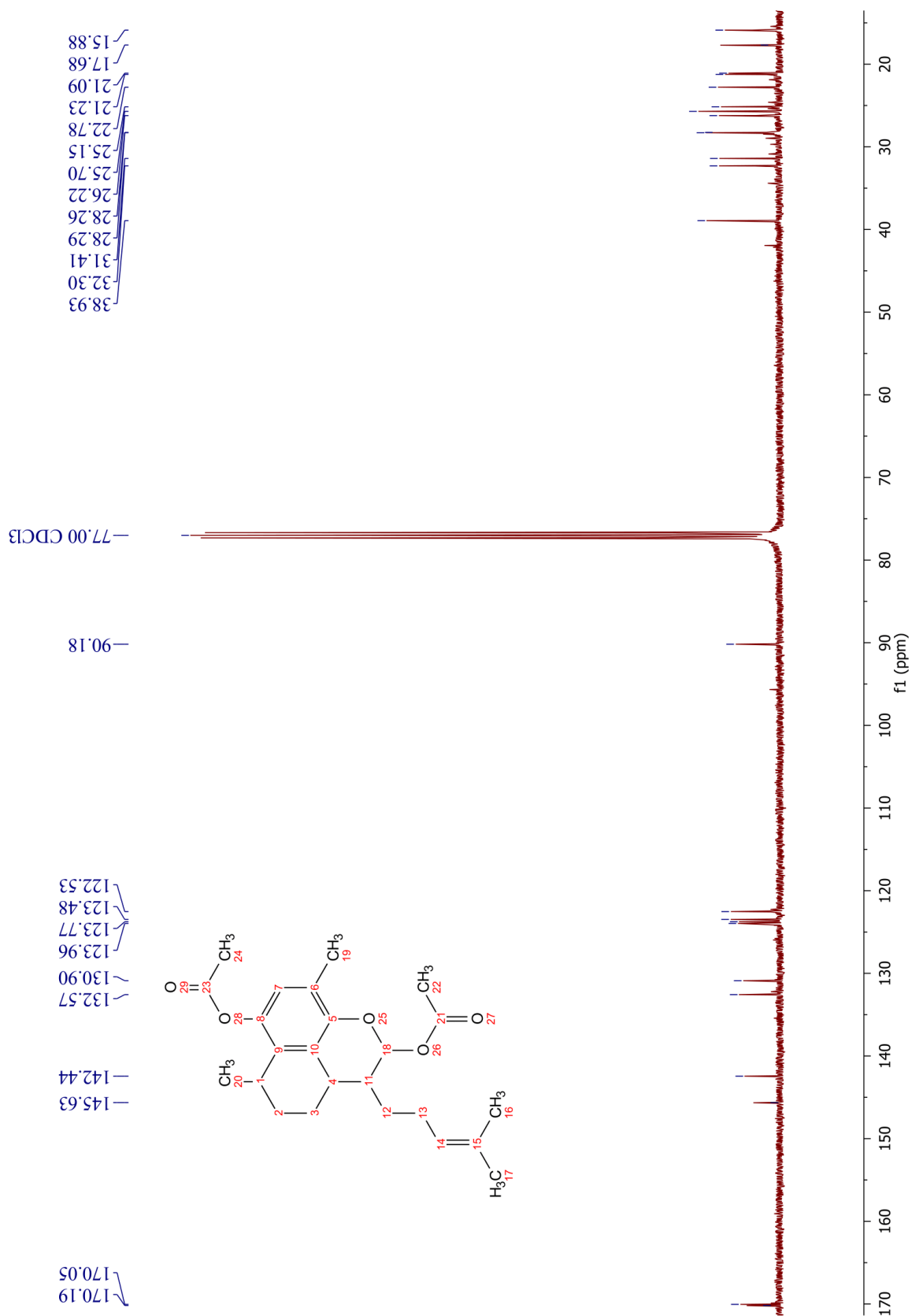
Compound 4- ^1H - ^1H ROESY



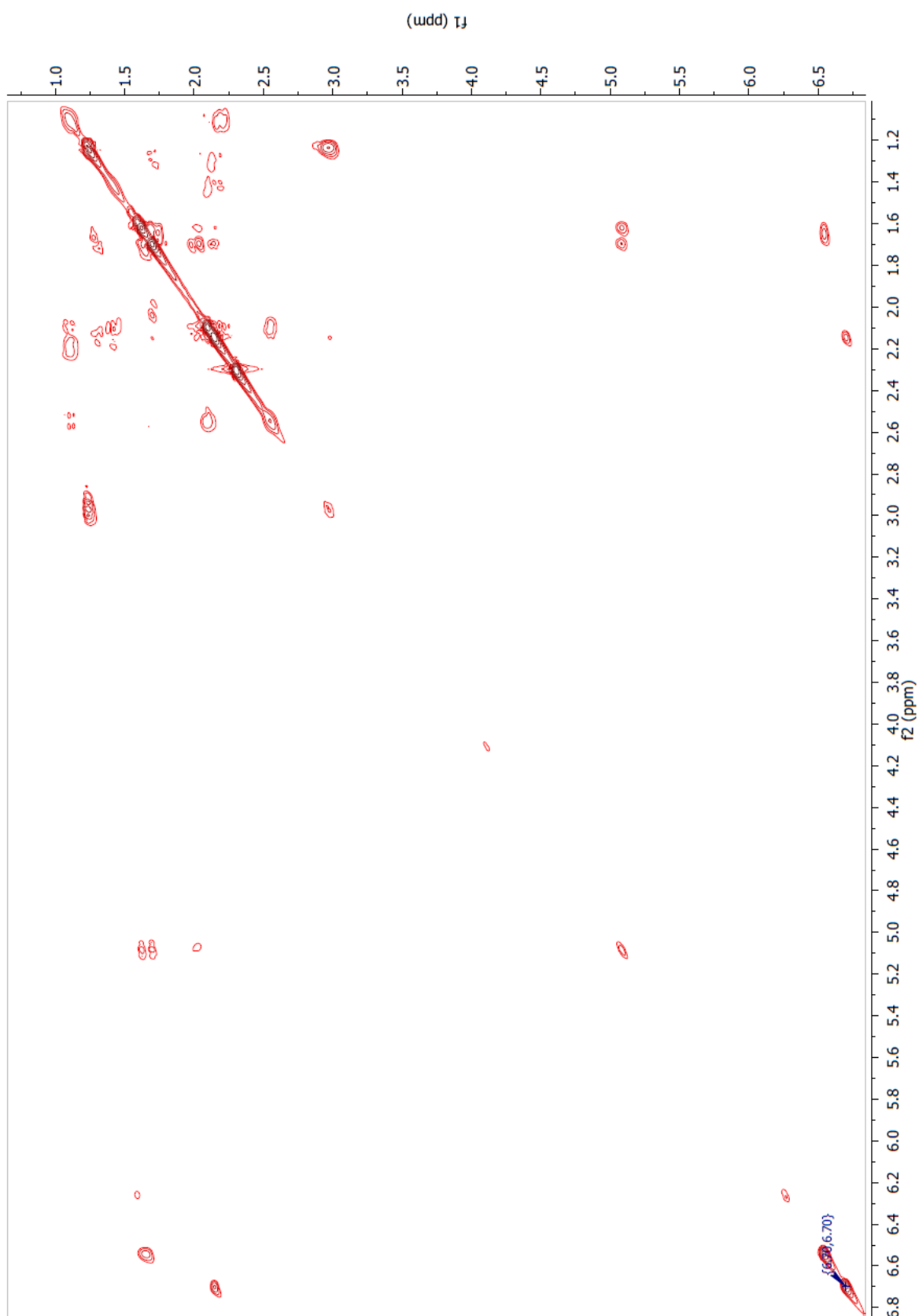
Compound 5- ¹H NMR



Compound 5- ¹³C NMR



Compound 5- ^1H - ^1H COSY



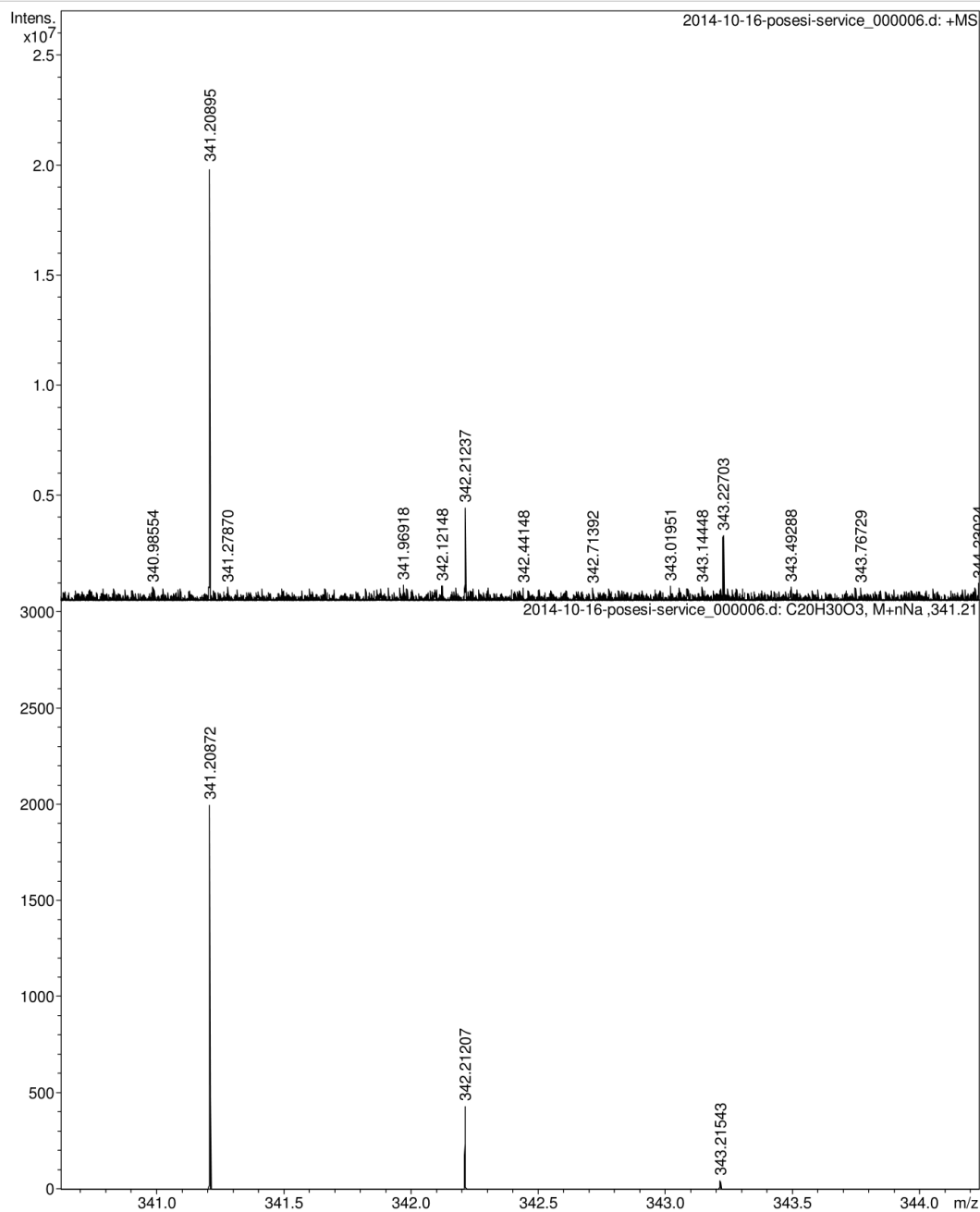
Compound 1

Generic Display Report

Analysis Info

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Method 1MW Positive ESI
Sample Name Compound A
Comment MeOH 1 1M TOF delay 0.0006s, Q1 200 m/z

Acquisition Date 16/10/2014 10:48:13 AM
Operator
Instrument apex-Ultra

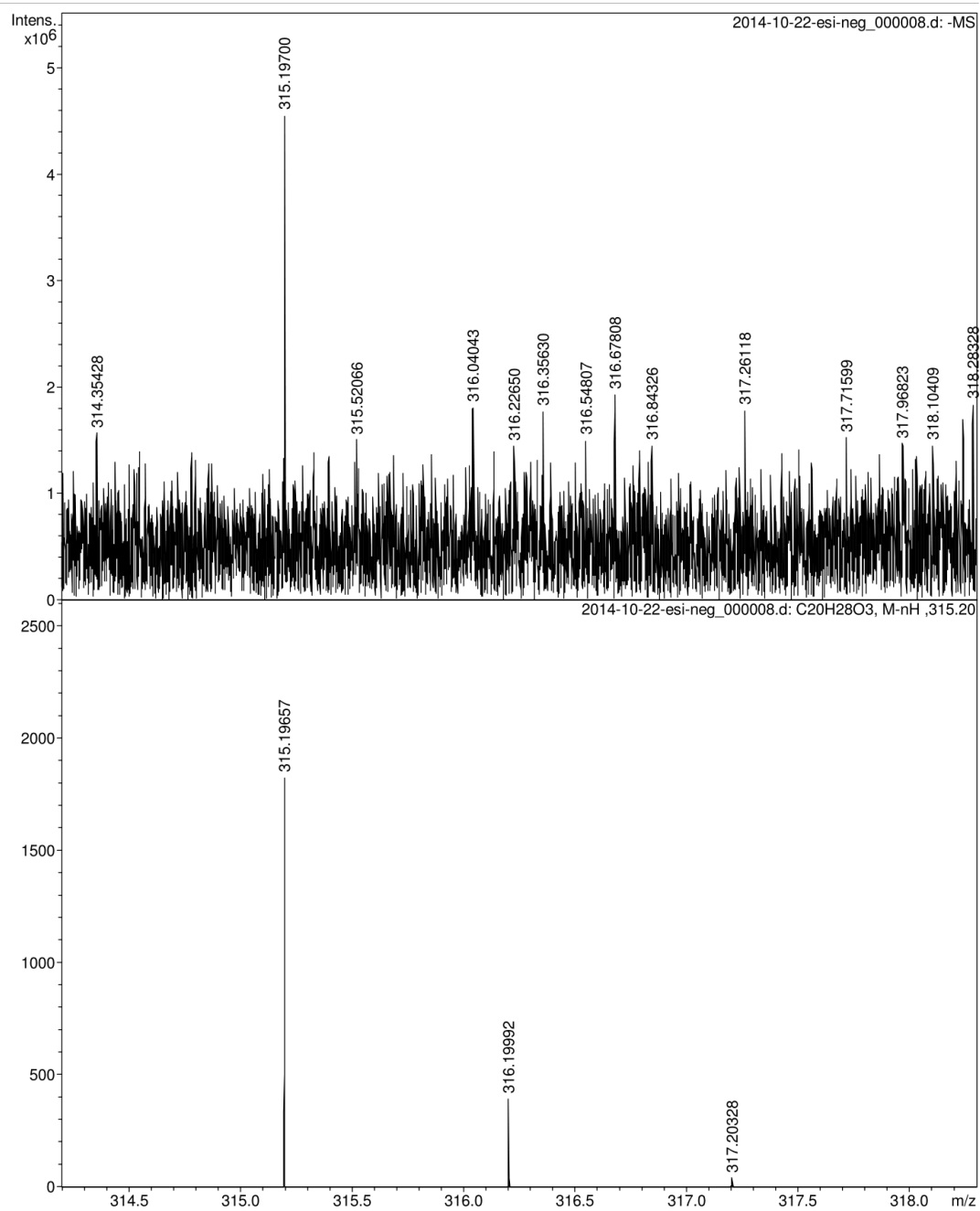


Compound 2

Generic Display Report

Analysis Info

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Sample Name	Compound B	Instrument	apex-Ultra
Comment	MeOH/DCM		



Compound 3

Generic Display Report

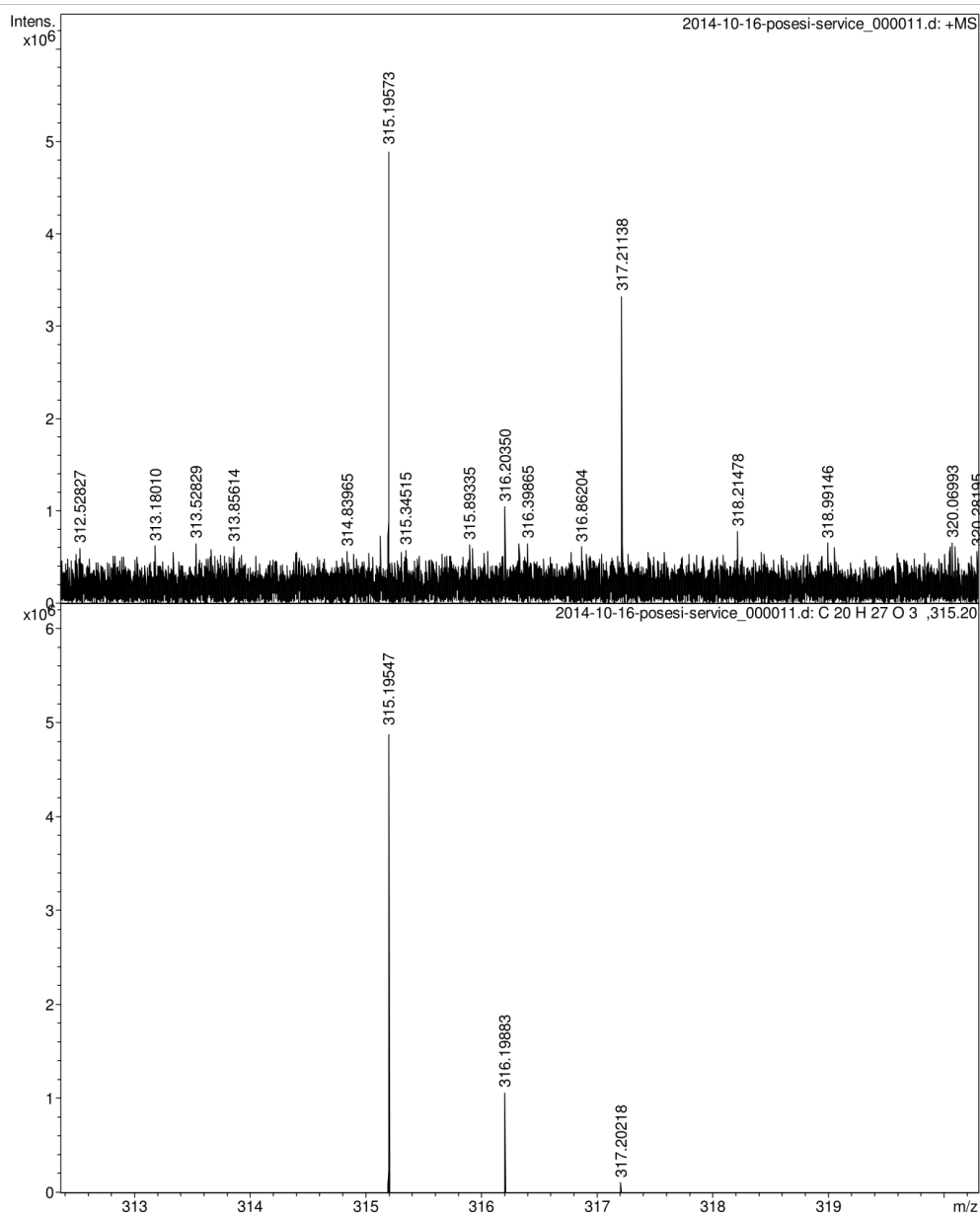
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Acquisition Date 16/10/2014 11:45:07 AM

Operator

Instrument apex-Ultra

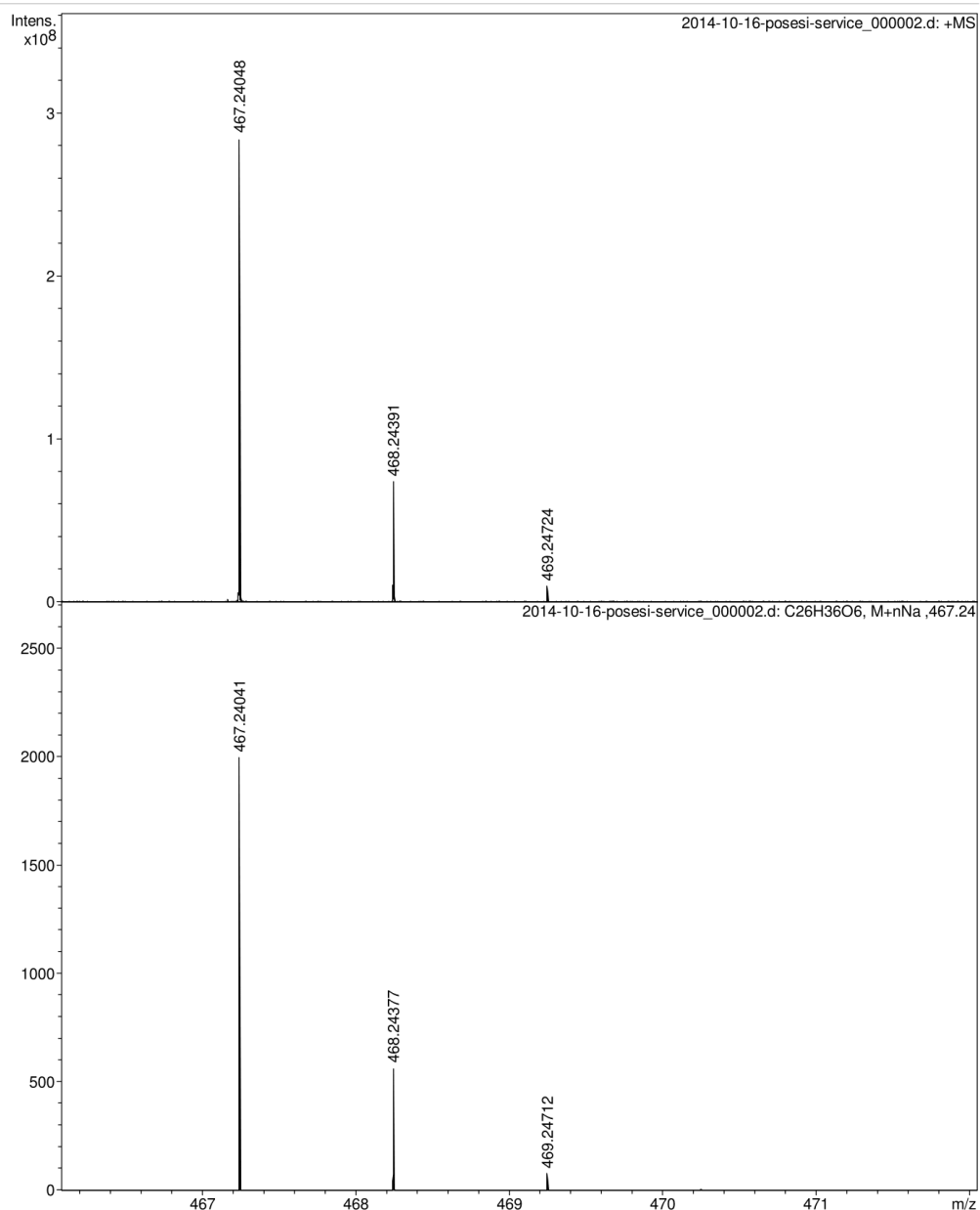


Compound 4

Generic Display Report

Analysis Info

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Compound 5

Generic Display Report

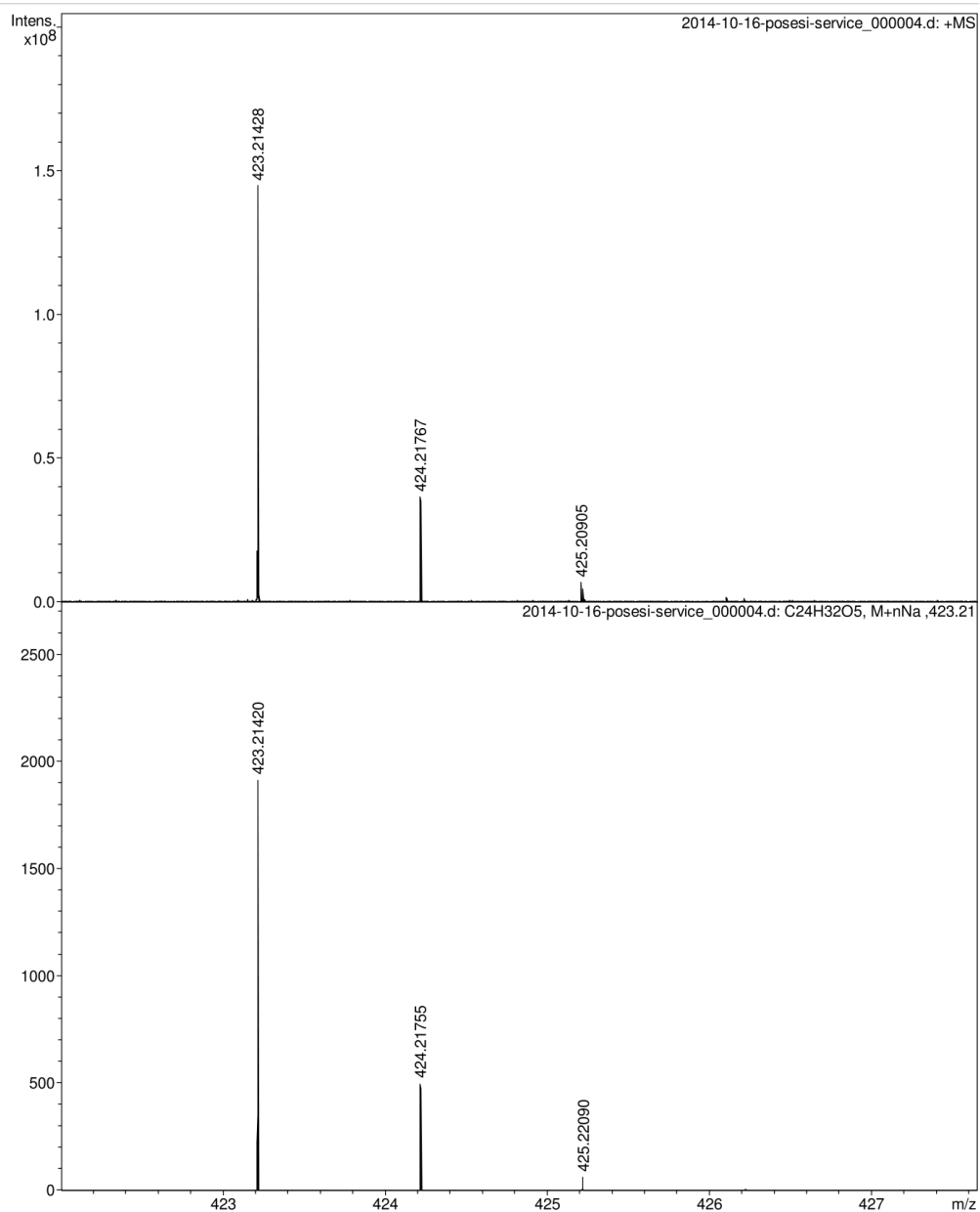
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Acquisition Date 16/10/2014 10:28:02 AM

Operator

Instrument apex-Ultra



Schematic formation of compound 3

