Supporting Information

Application of the Aza-Achmatowicz Oxidative Rearrangement for the Stereoselective Synthesis of the Cassia and Prosopis Alkaloid Family

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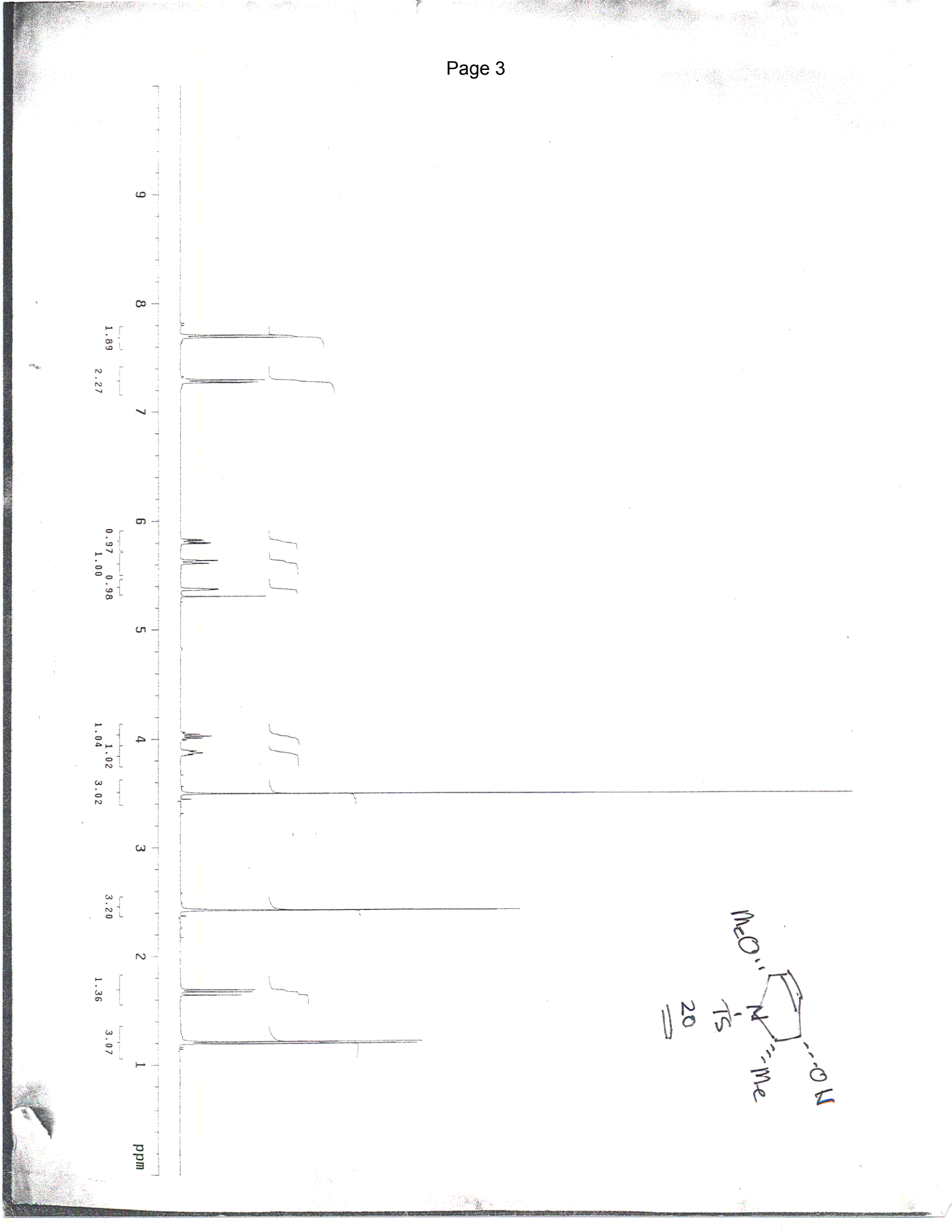
Supporting Information Available: ^{1}H and ^{13}C-NMR spectra for new compounds lacking elemental analyses. This material is available free of charge *via* the Internet at http://pubs.acs.org.

General Experimental Section Paragraph: Melting points are uncorrected. Mass spectra were determined at an ionizing voltage of 70eV. Unless otherwise noted, all reactions were performed in flame dried glassware under an atmosphere of dry nitrogen. Solutions were evaporated under reduced pressure with a rotary evaporator and the residue was chromatographed on a silica gel column using an ethyl acetate-hexane mixture as the eluent unless specified otherwise.

Table of Contents for Supporting Information: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OH
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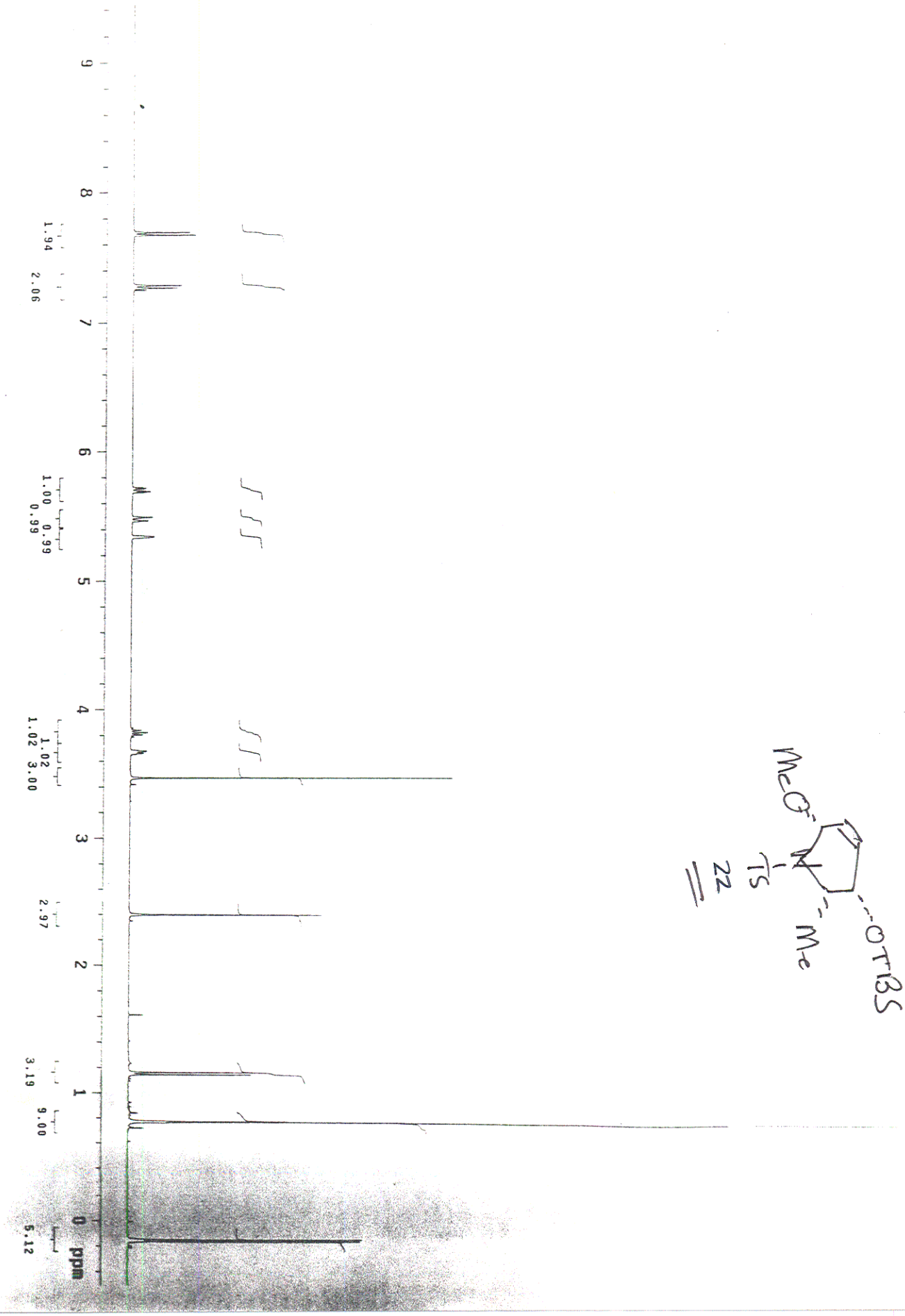
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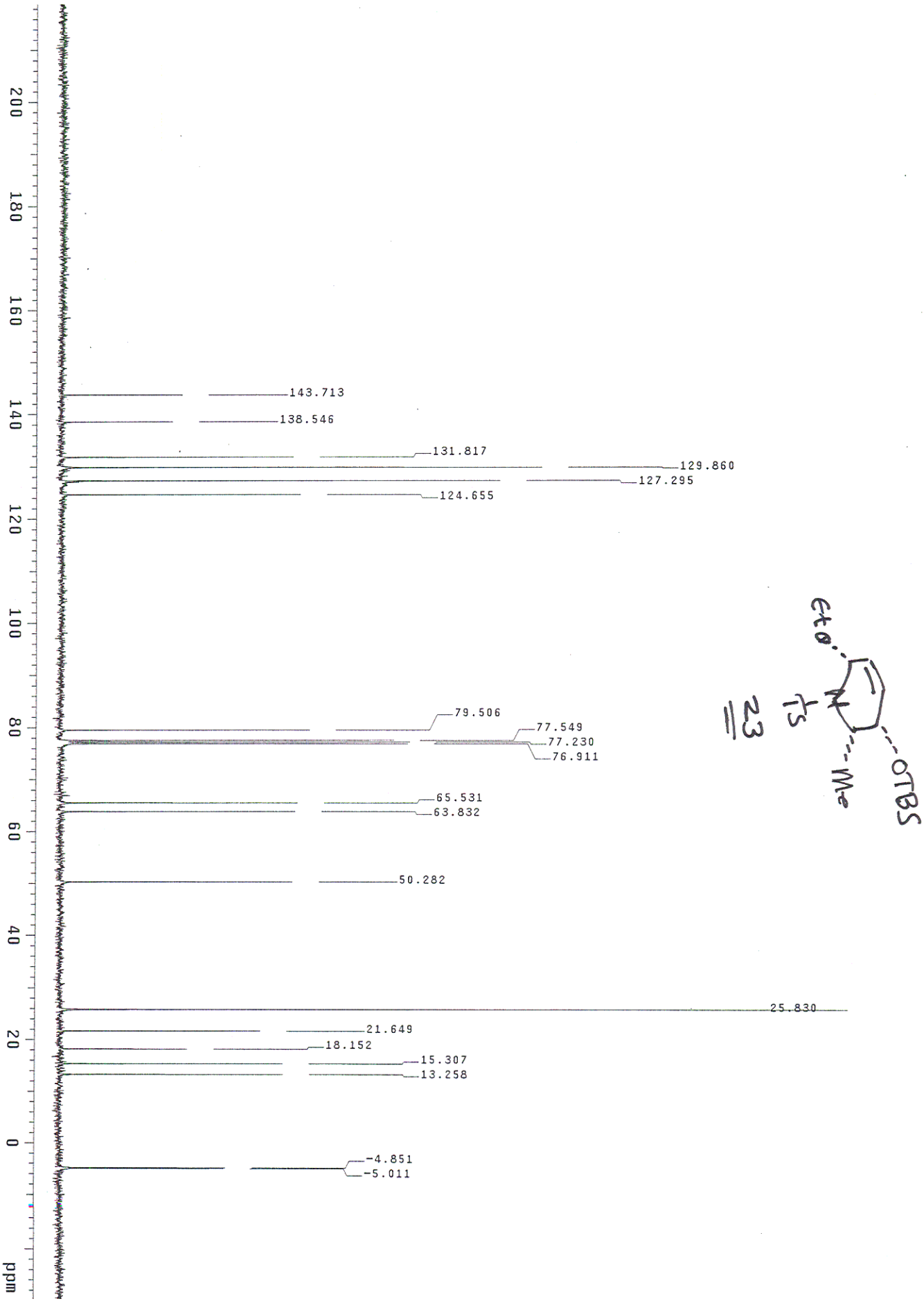
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Ts
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OTBS
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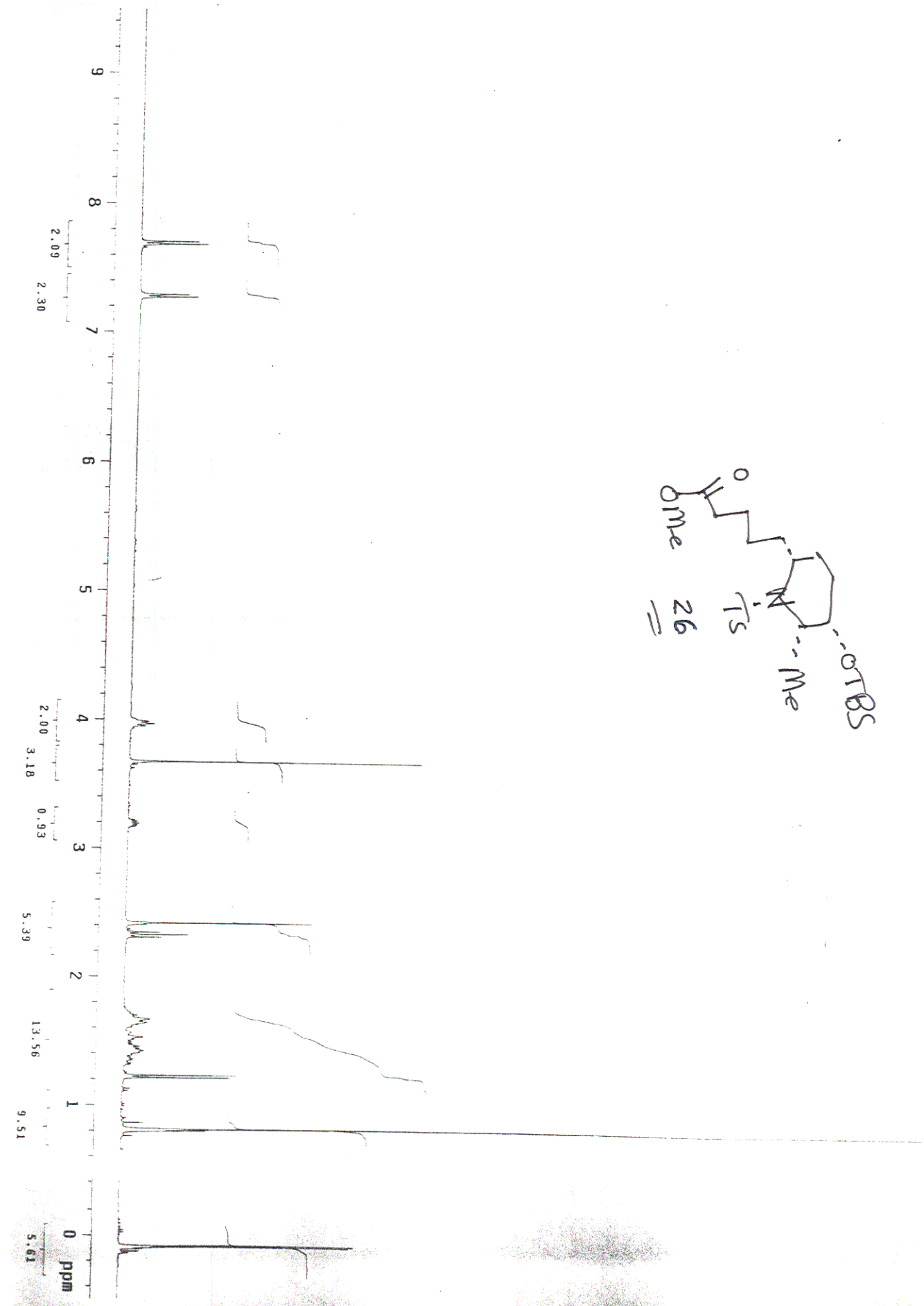
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5.61

OTBS
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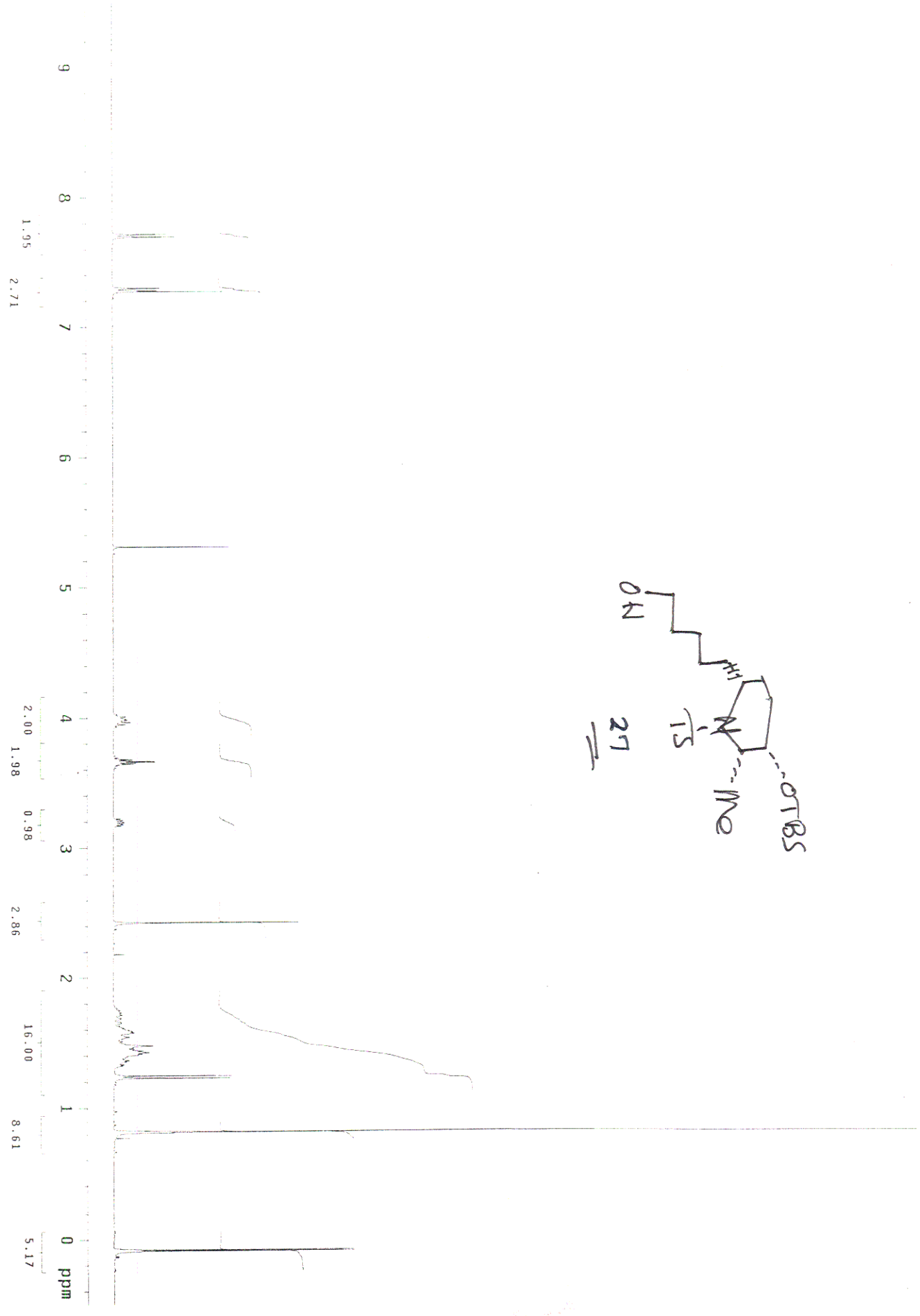
N
Ts
O
OMe

26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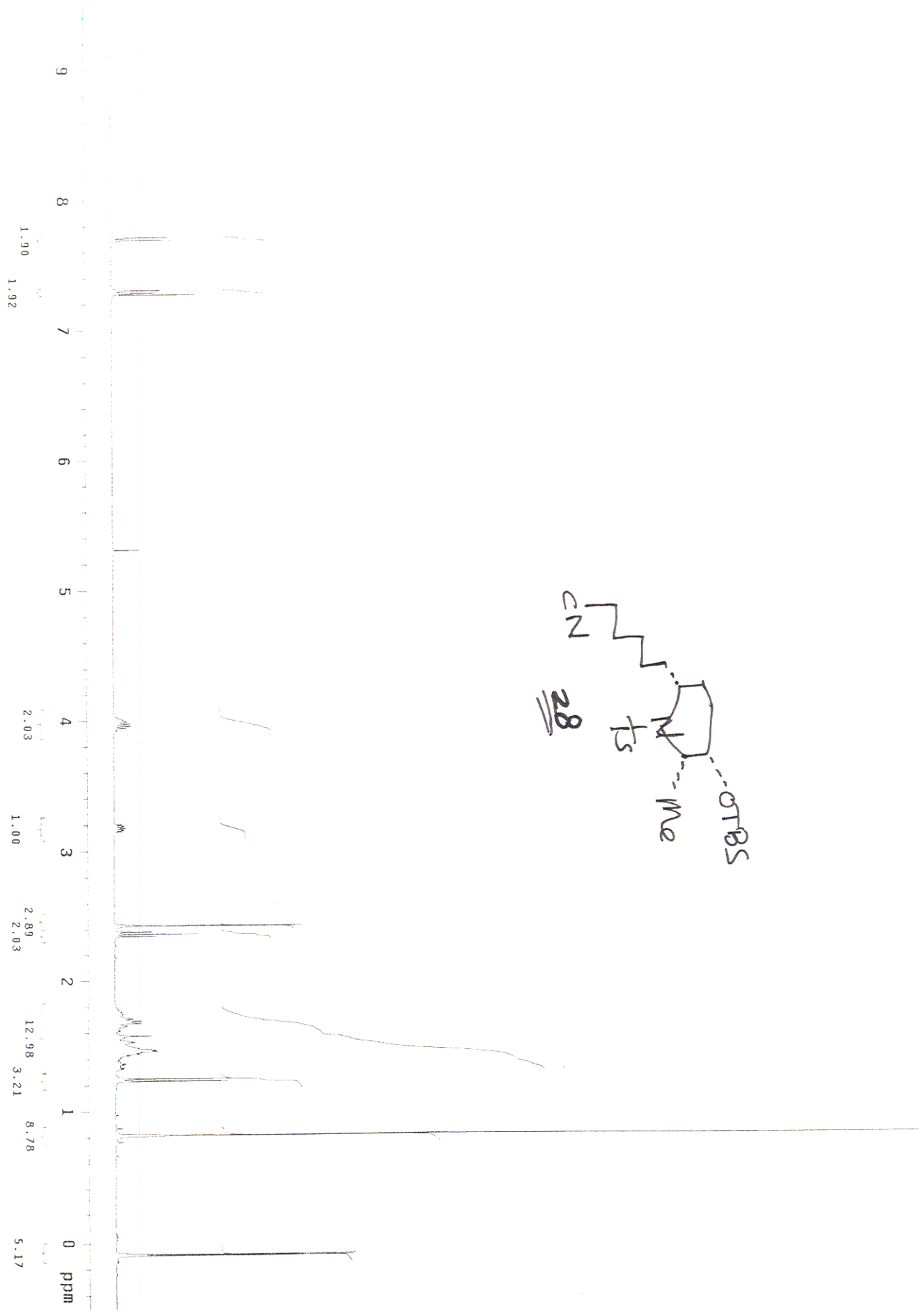
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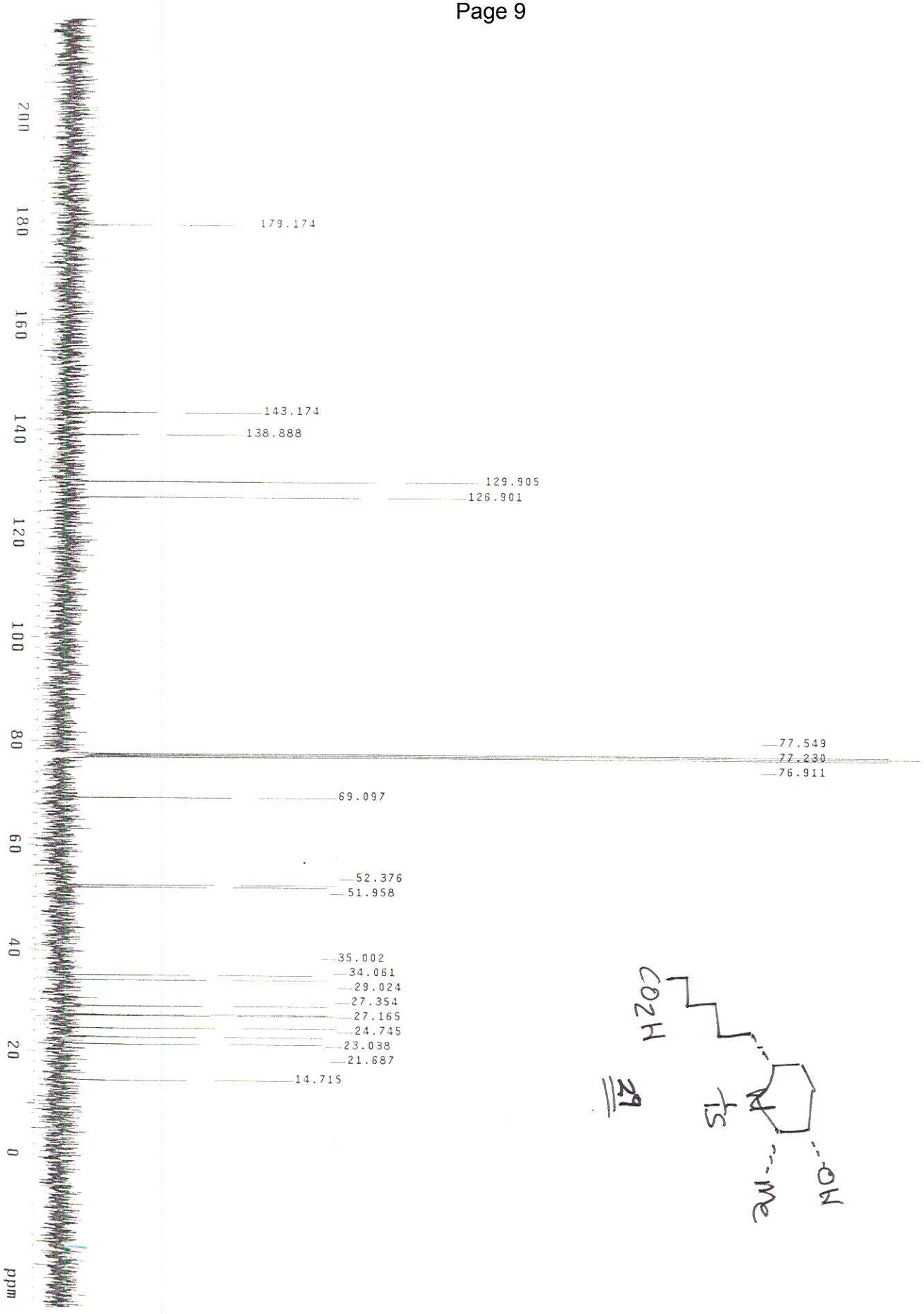
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29.024
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23.038
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80
60
40
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0
ppm

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CO2H
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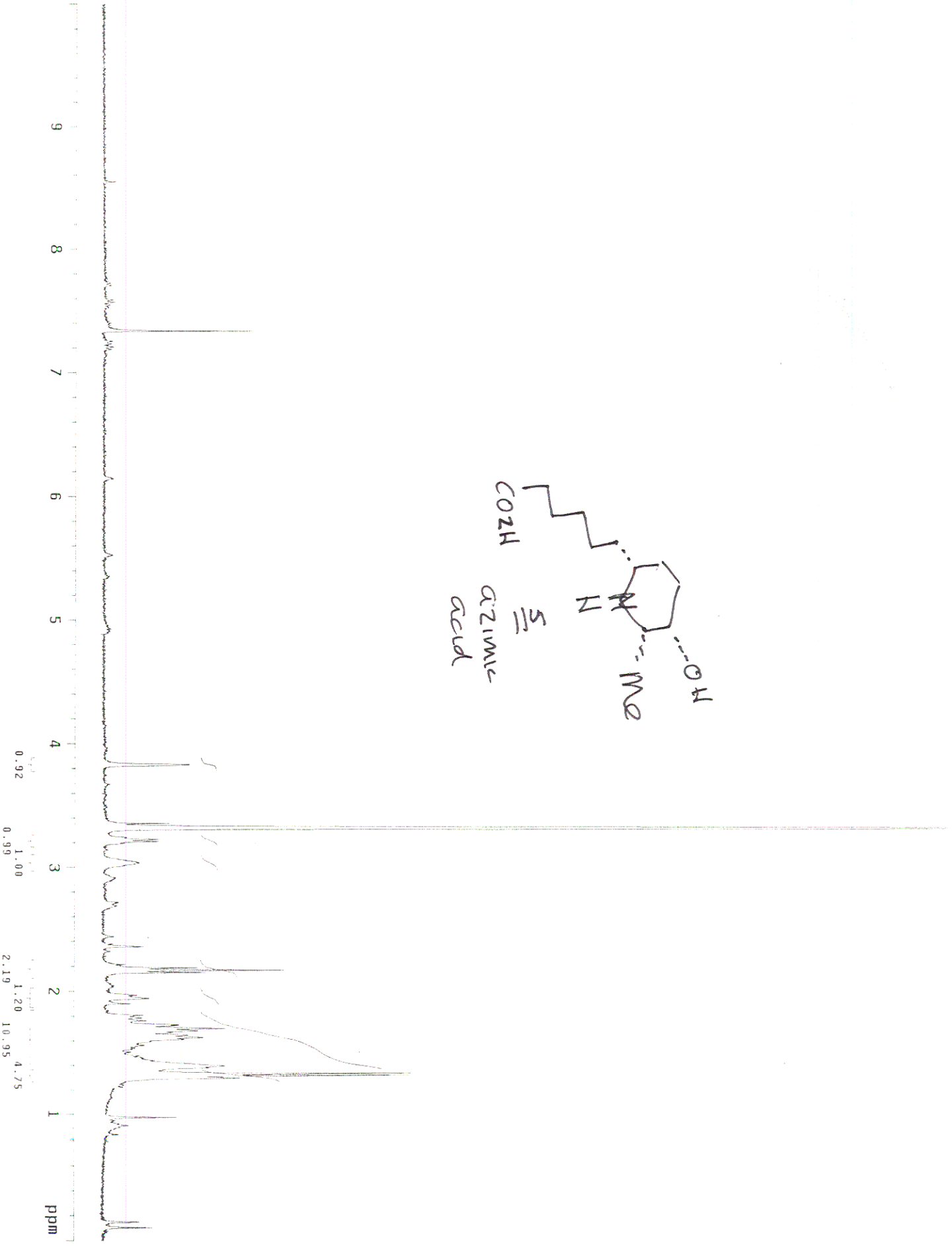
Me
NO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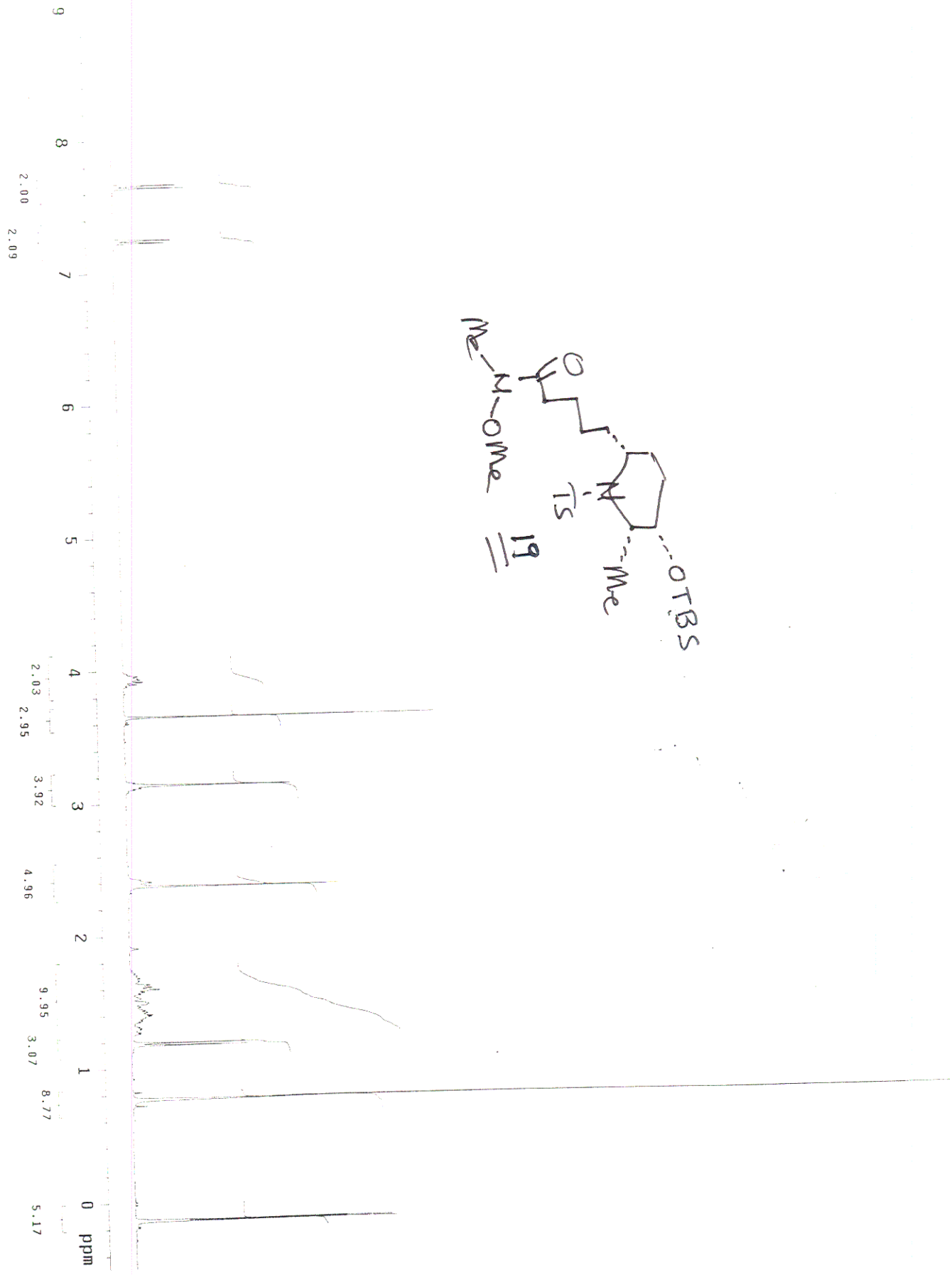
acid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O
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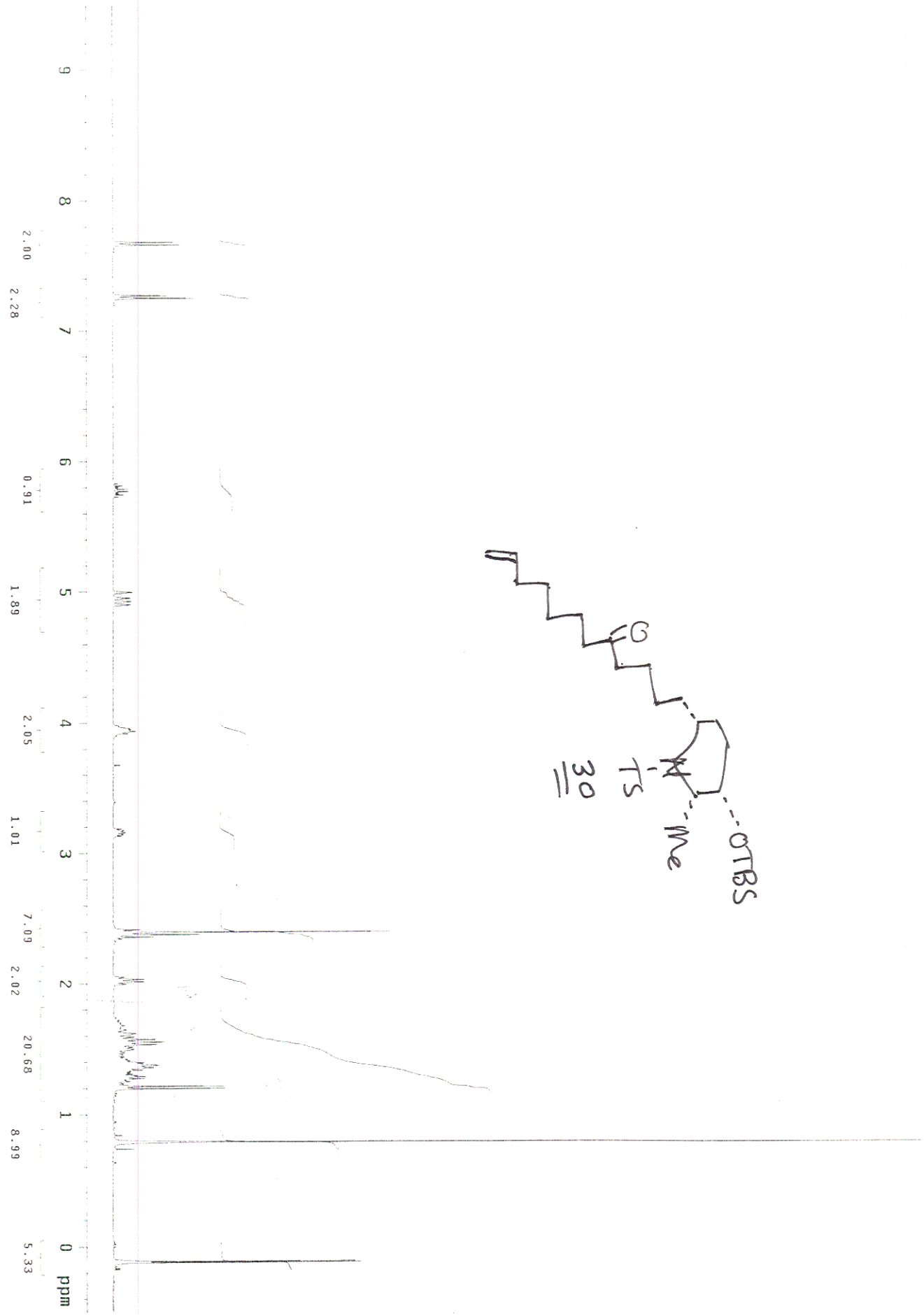
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Ts
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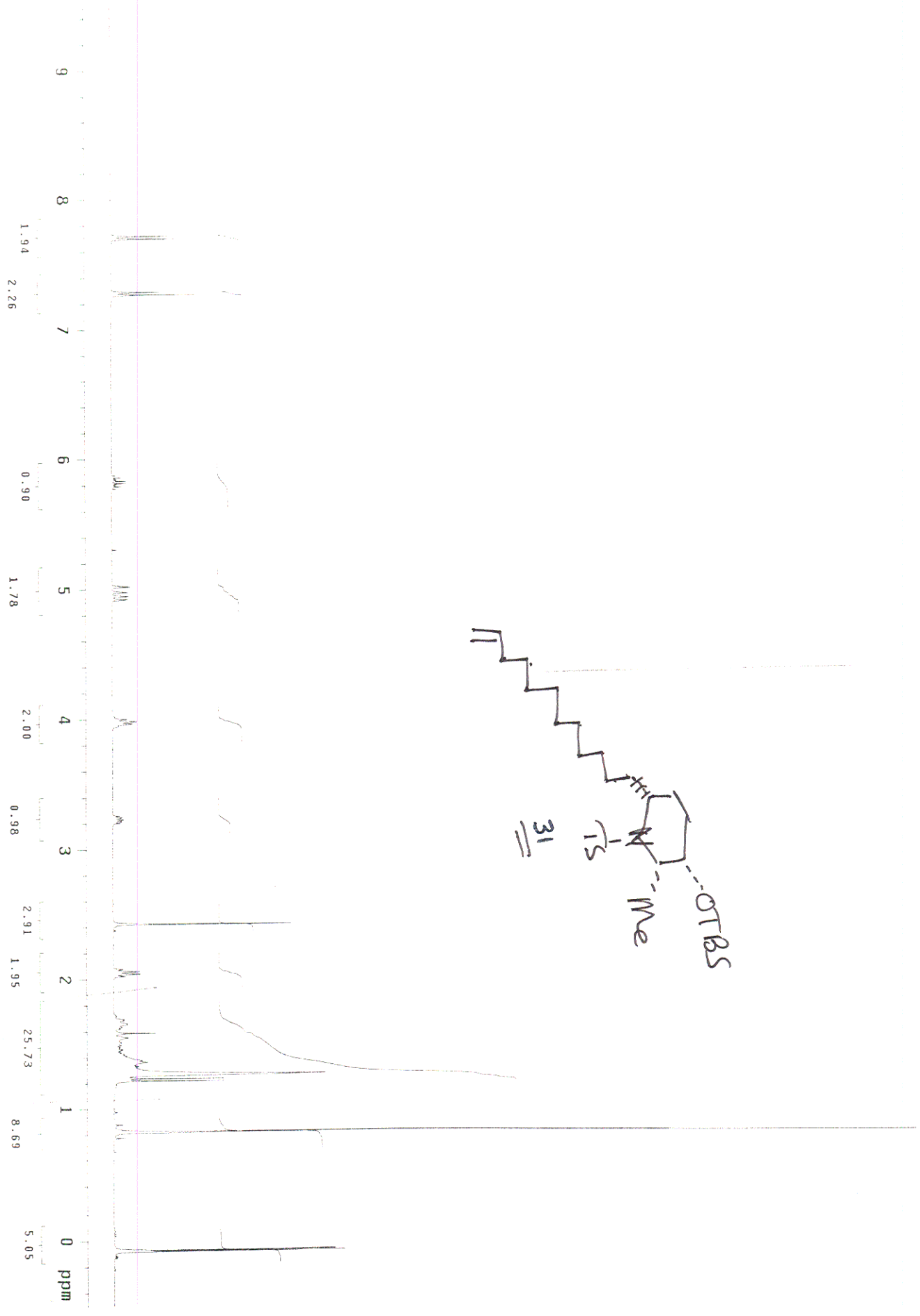
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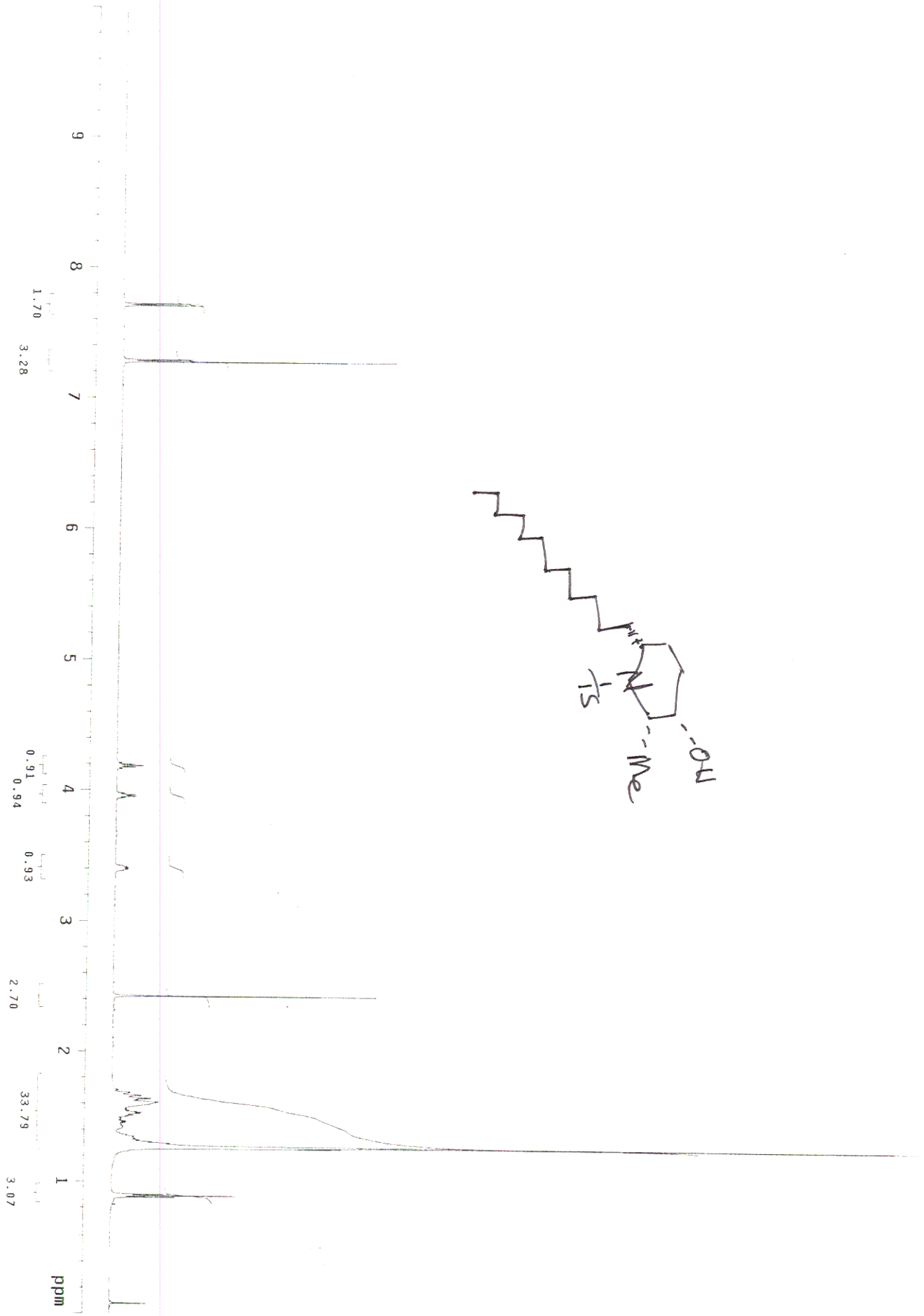
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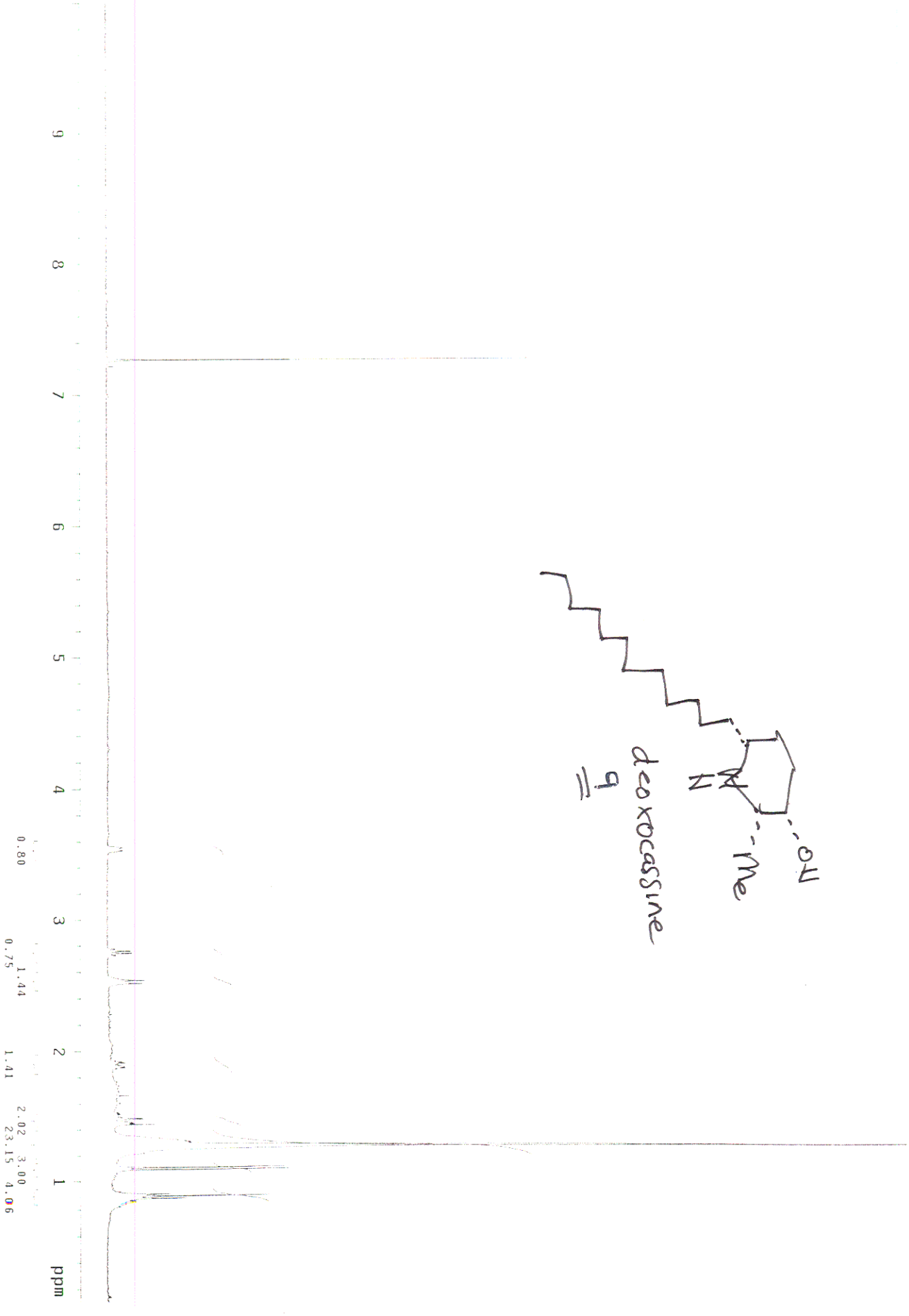
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9
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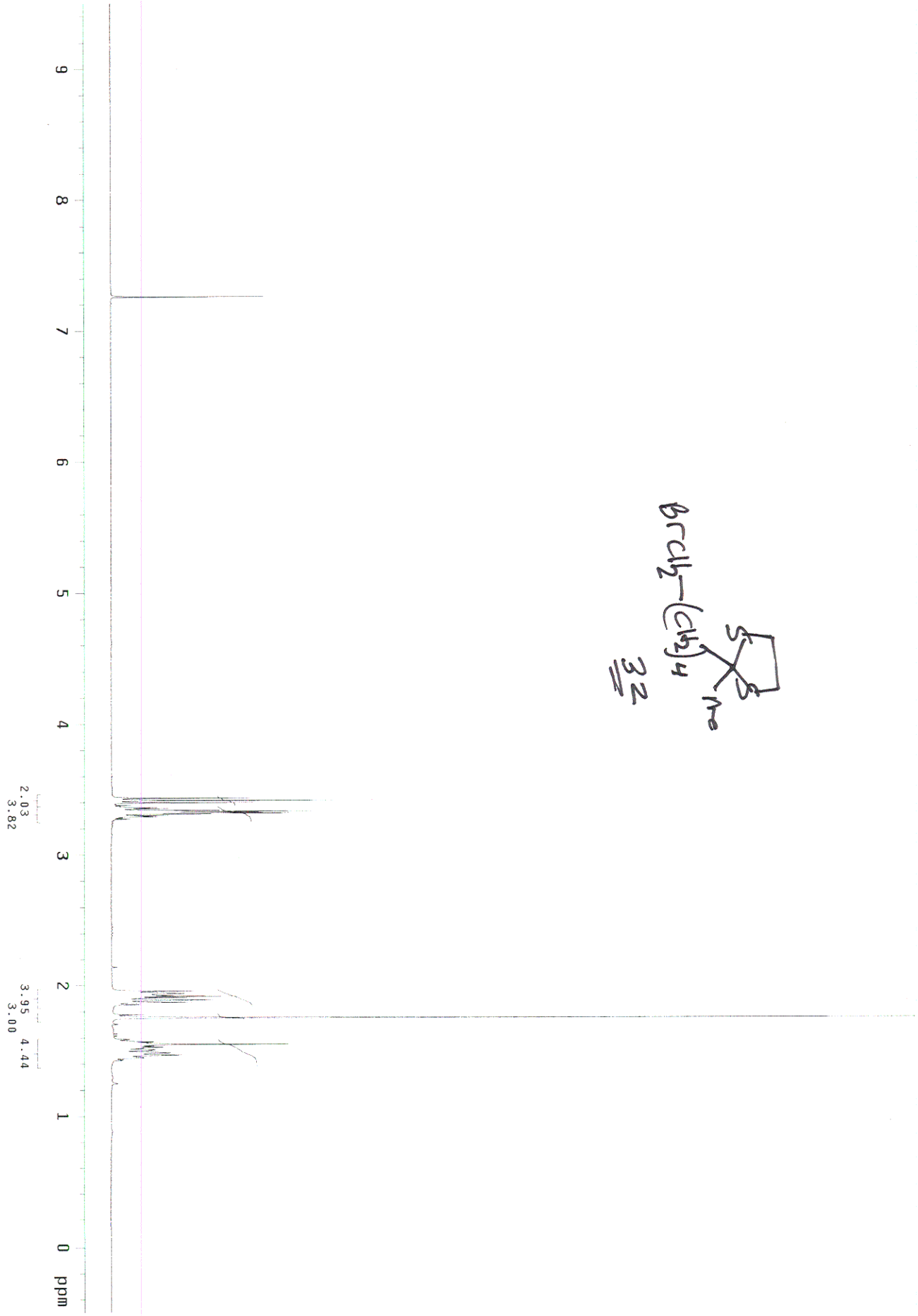
N
Me
OH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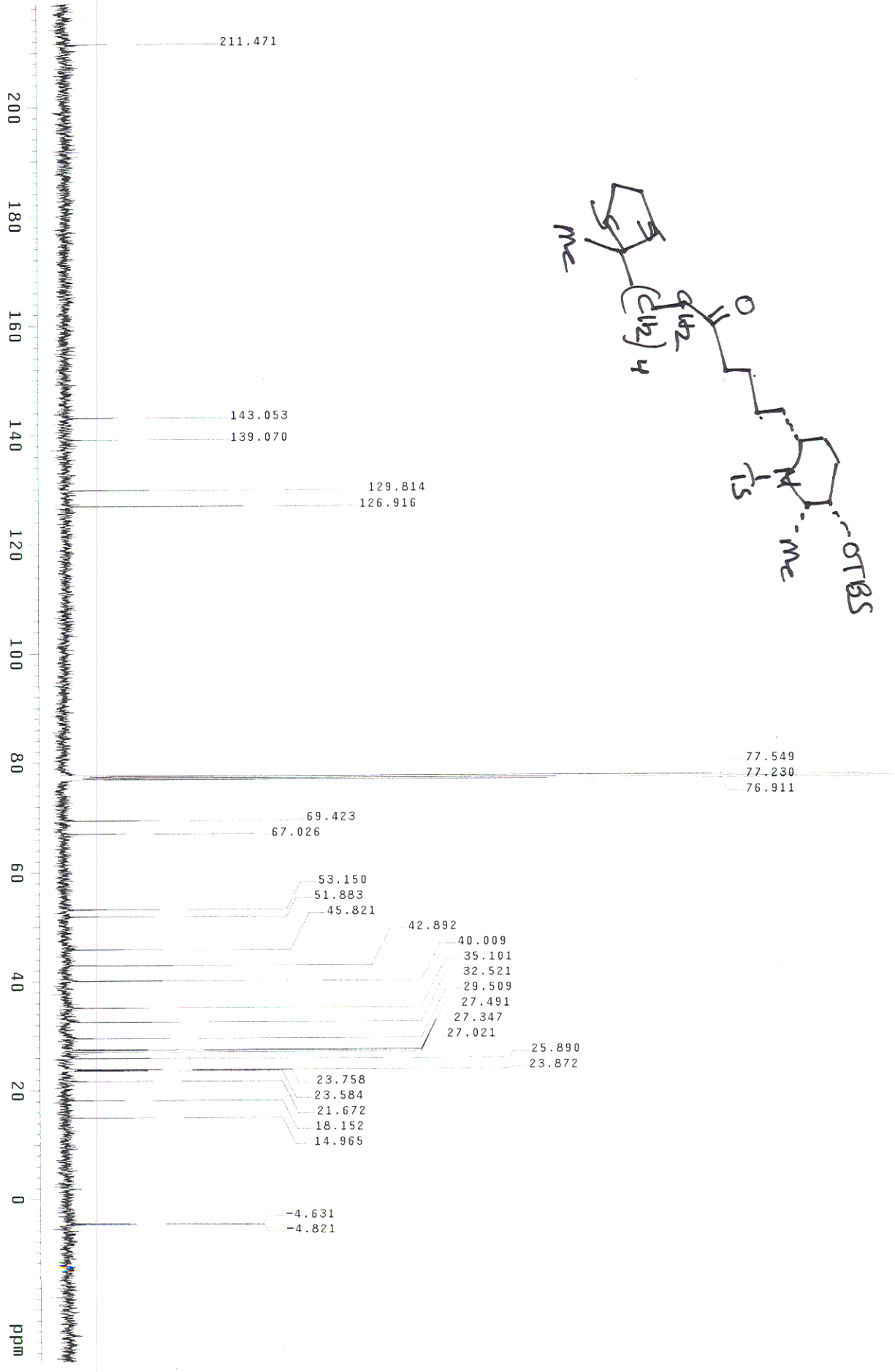
BrCH2-(CH2)4
S
Me
32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40.009
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14.965
-4.631
-4.821
200
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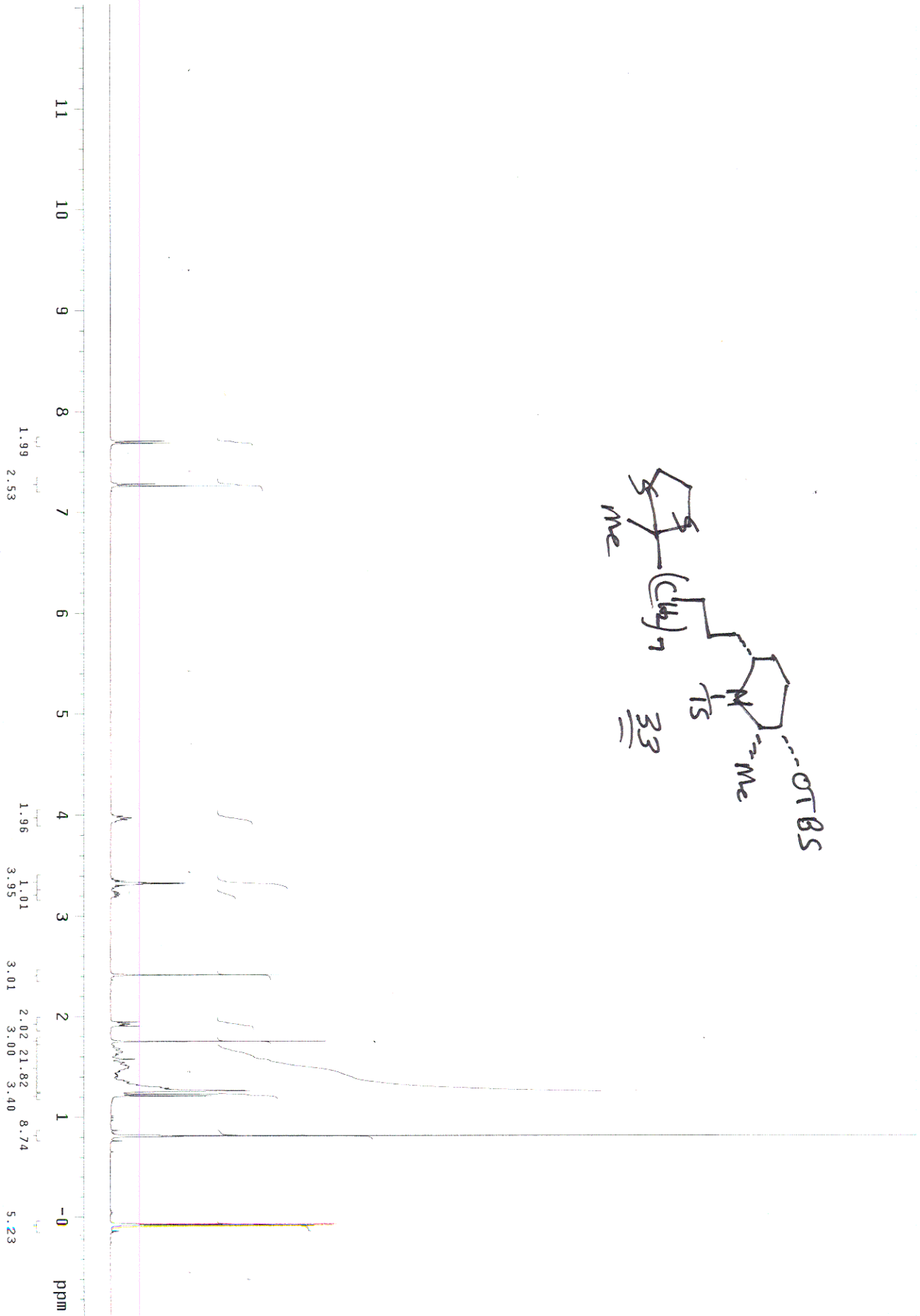
CH2
N
TS
Me
OTBS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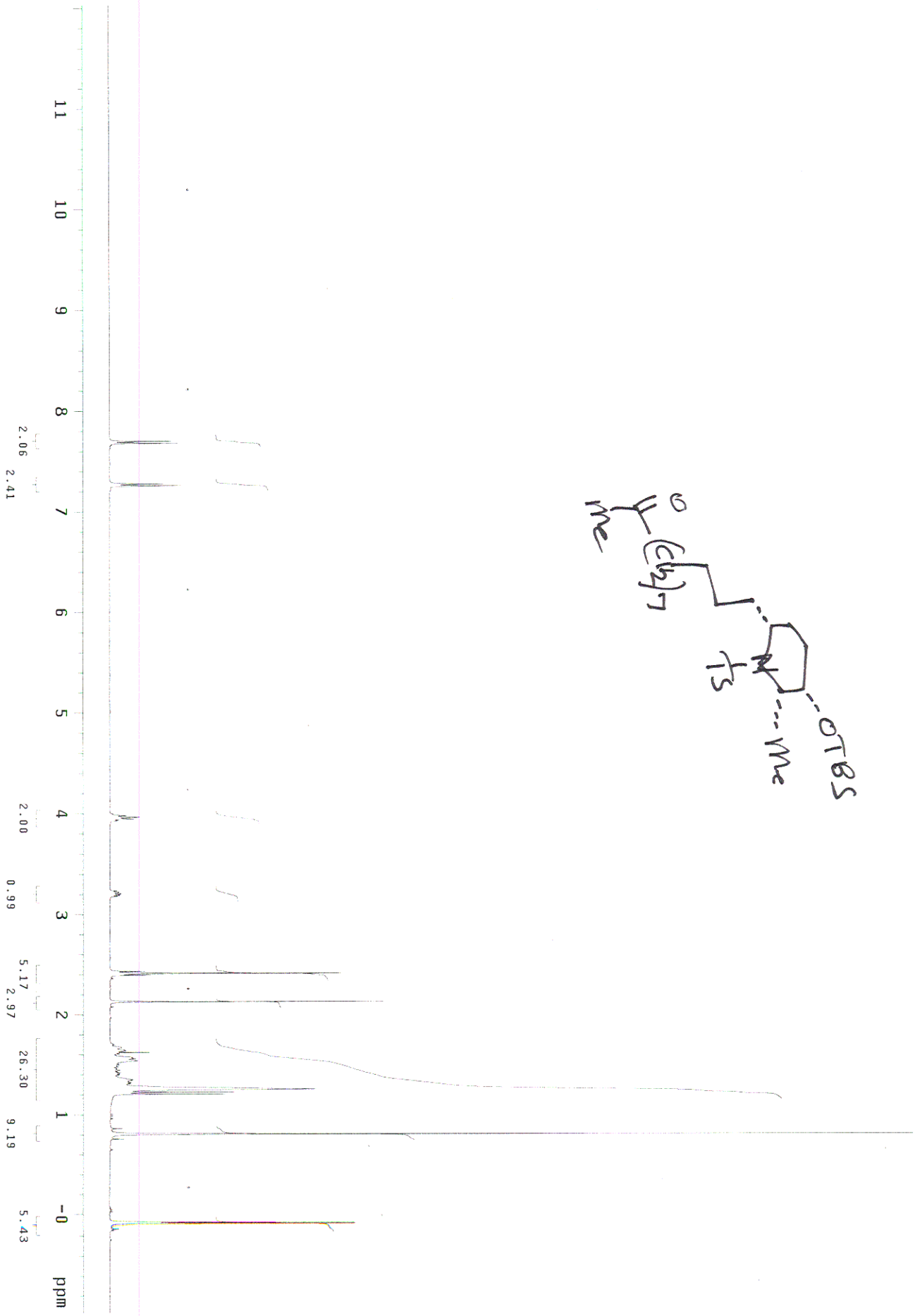
Me
OTBS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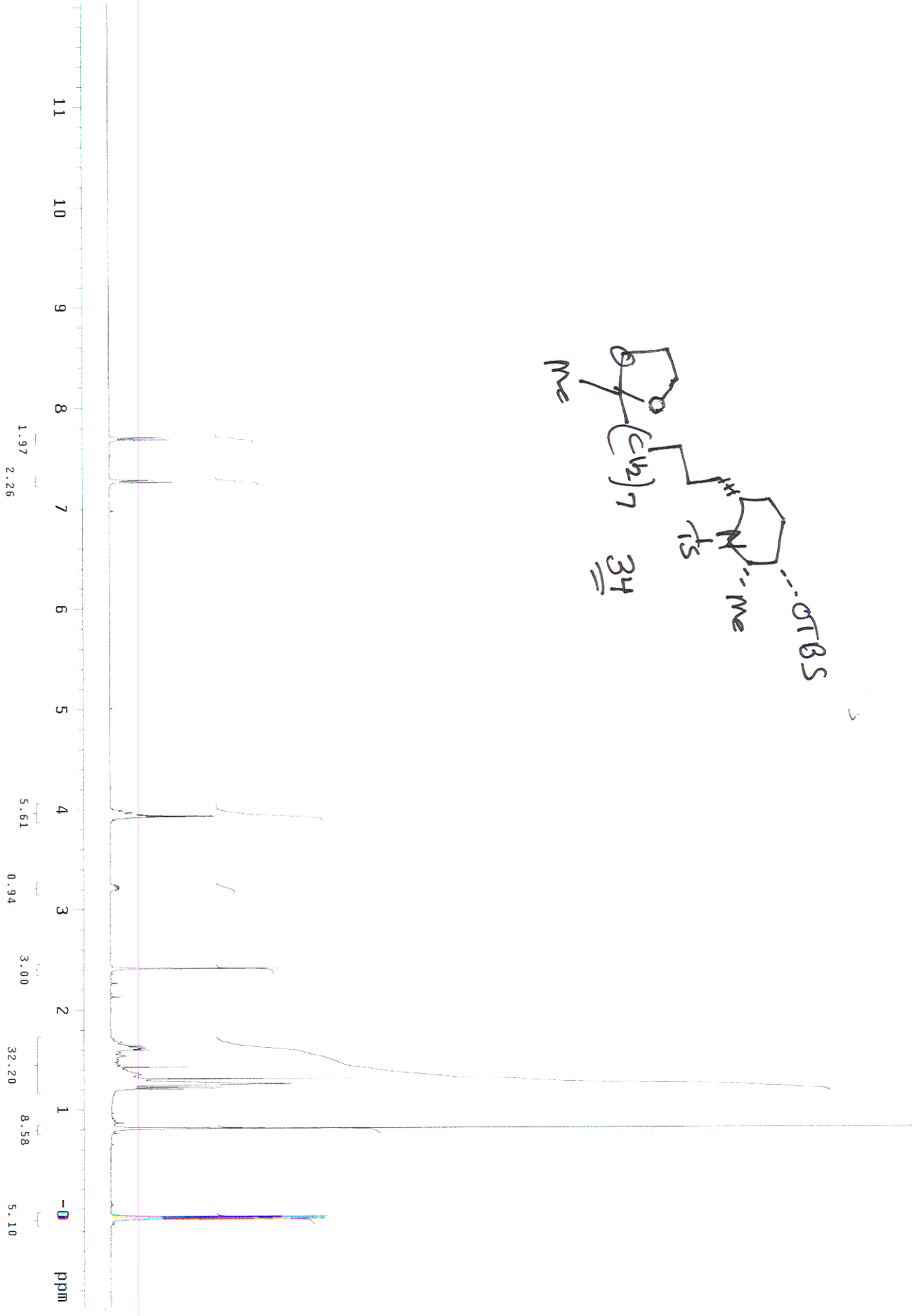
Me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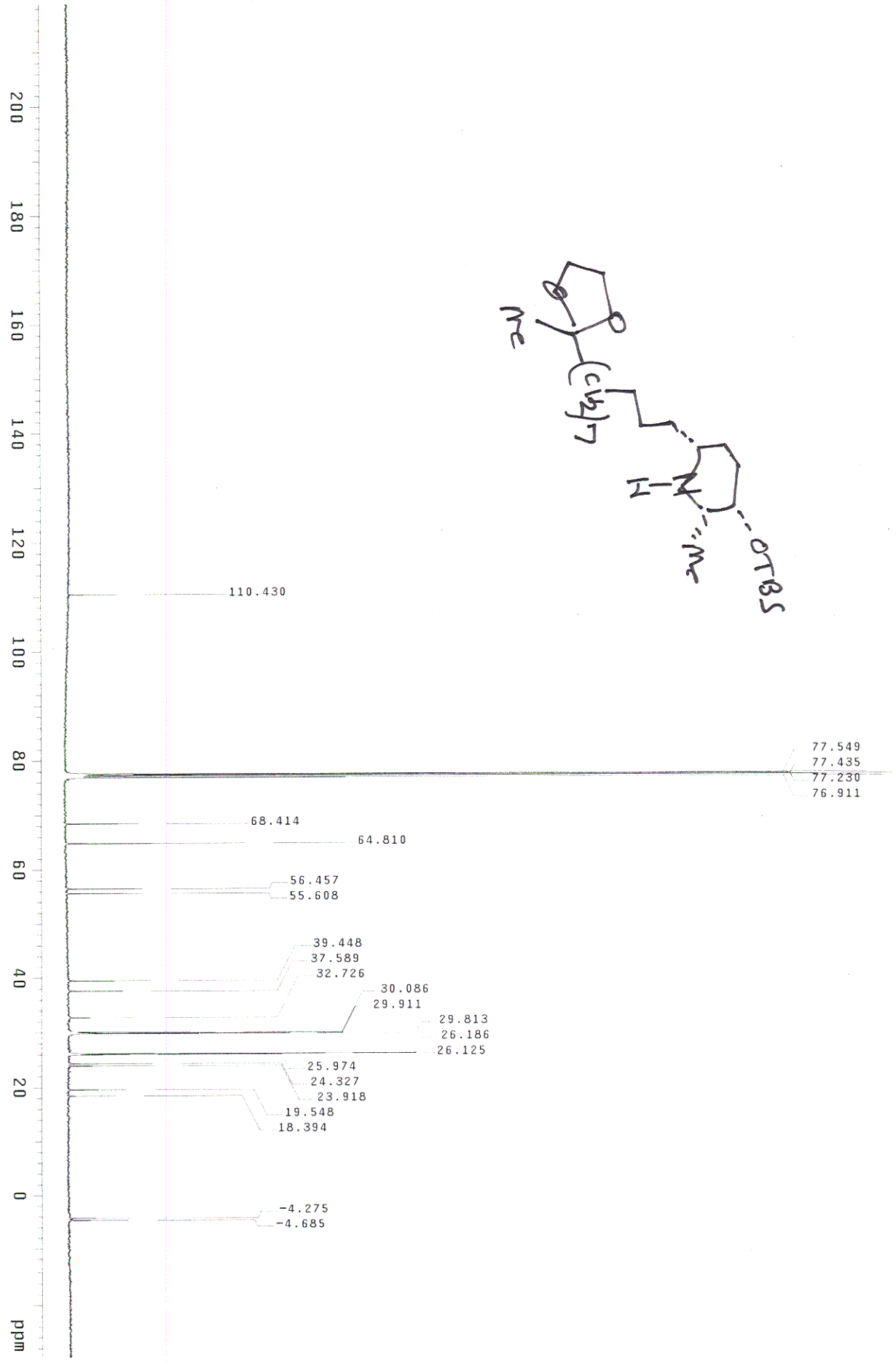
TS
Me
OTBS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20
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68.414
64.810
56.457
55.608
39.448
37.589
32.726
30.086
29.911
29.813
26.186
26.125
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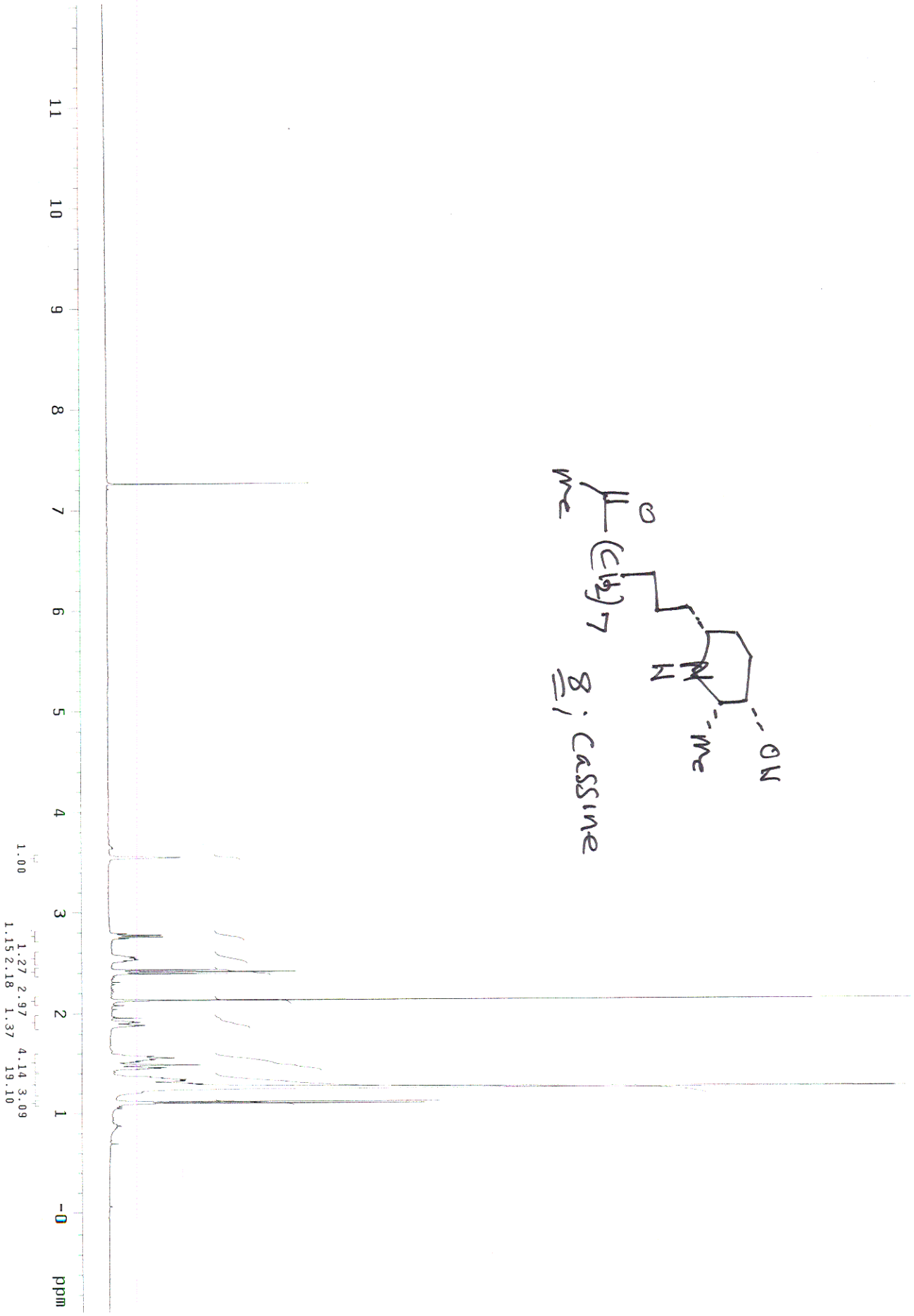
H
Me
OTBS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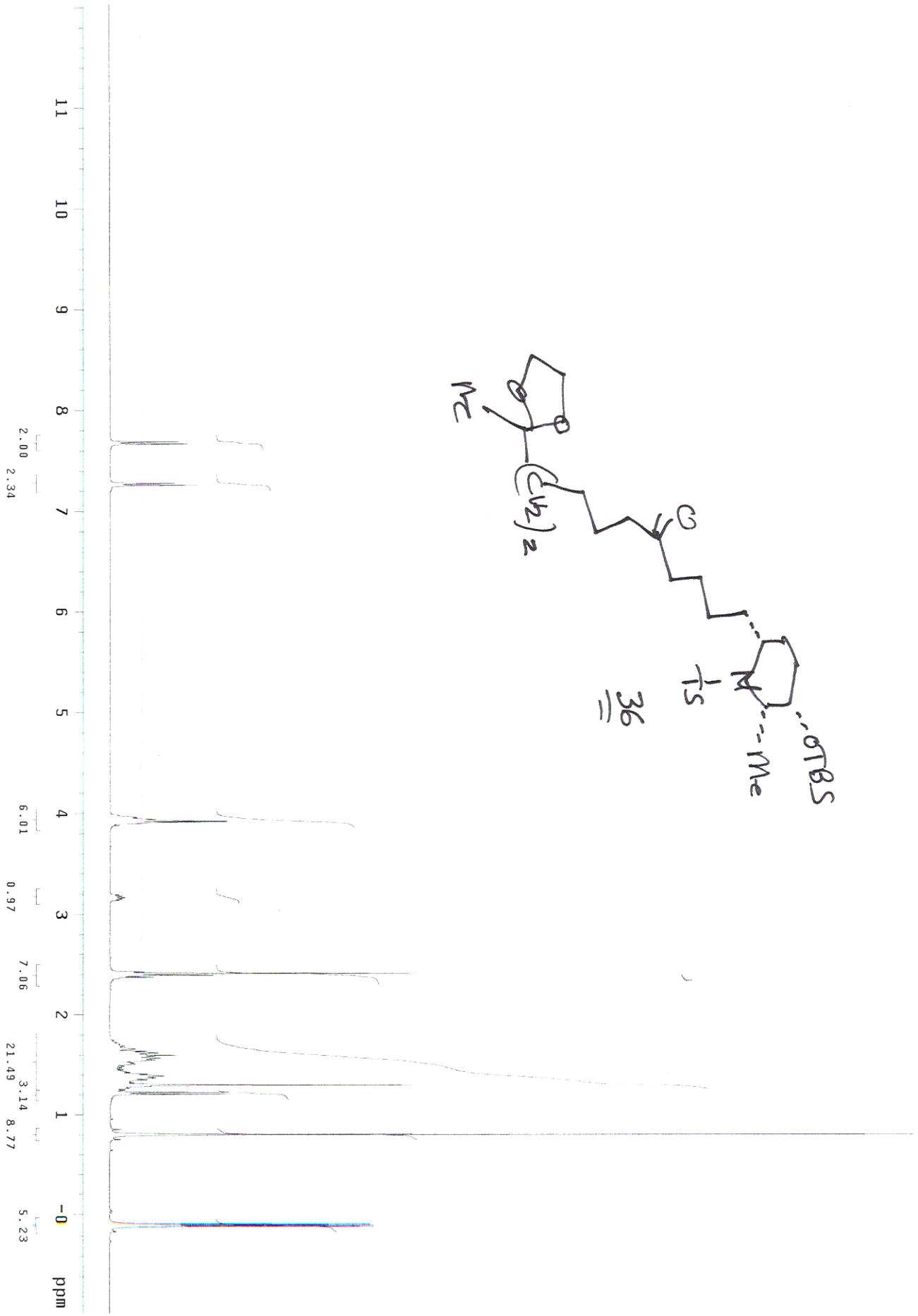
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8
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5.23
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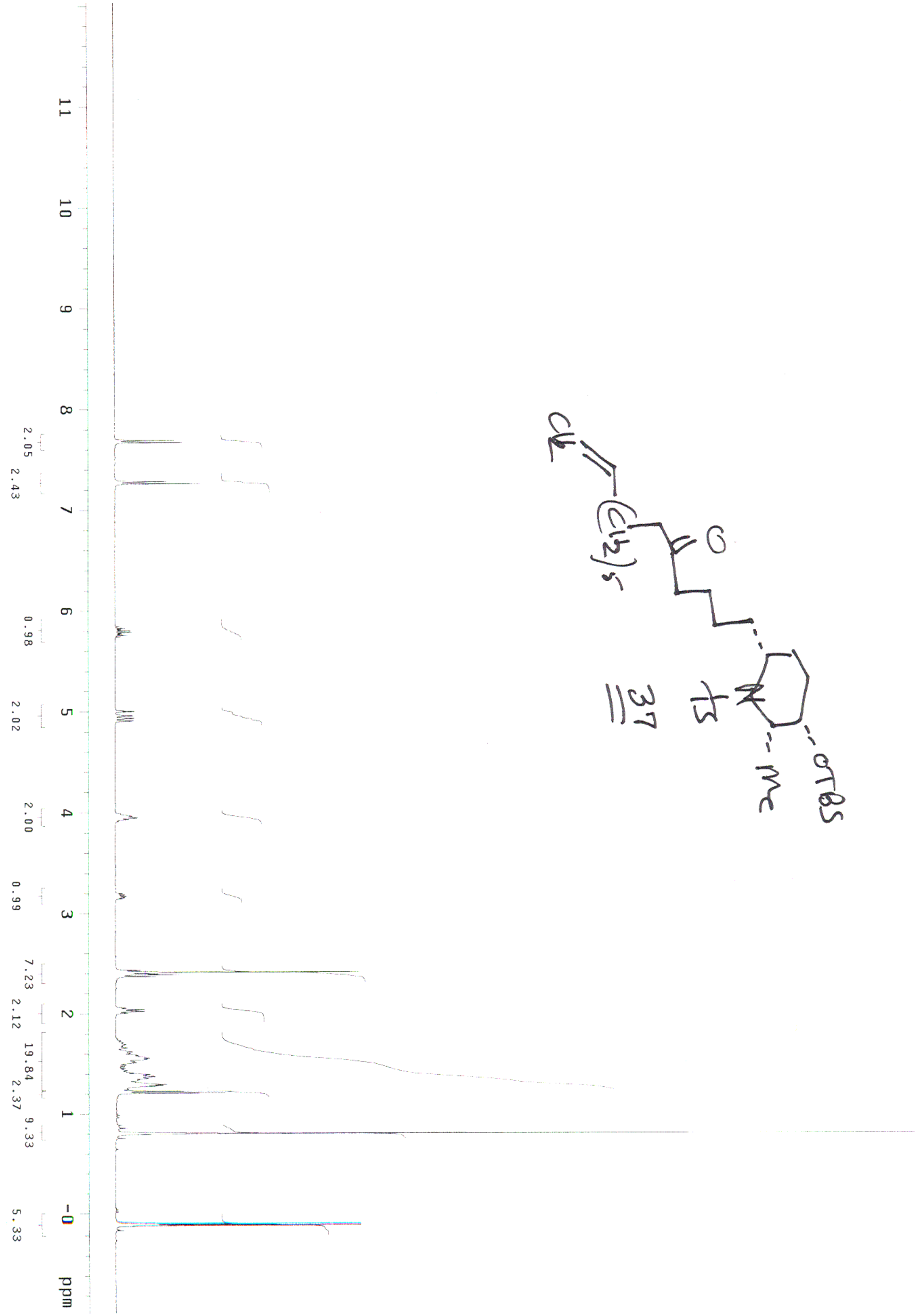
Ts
N
O
(CH2)2
Me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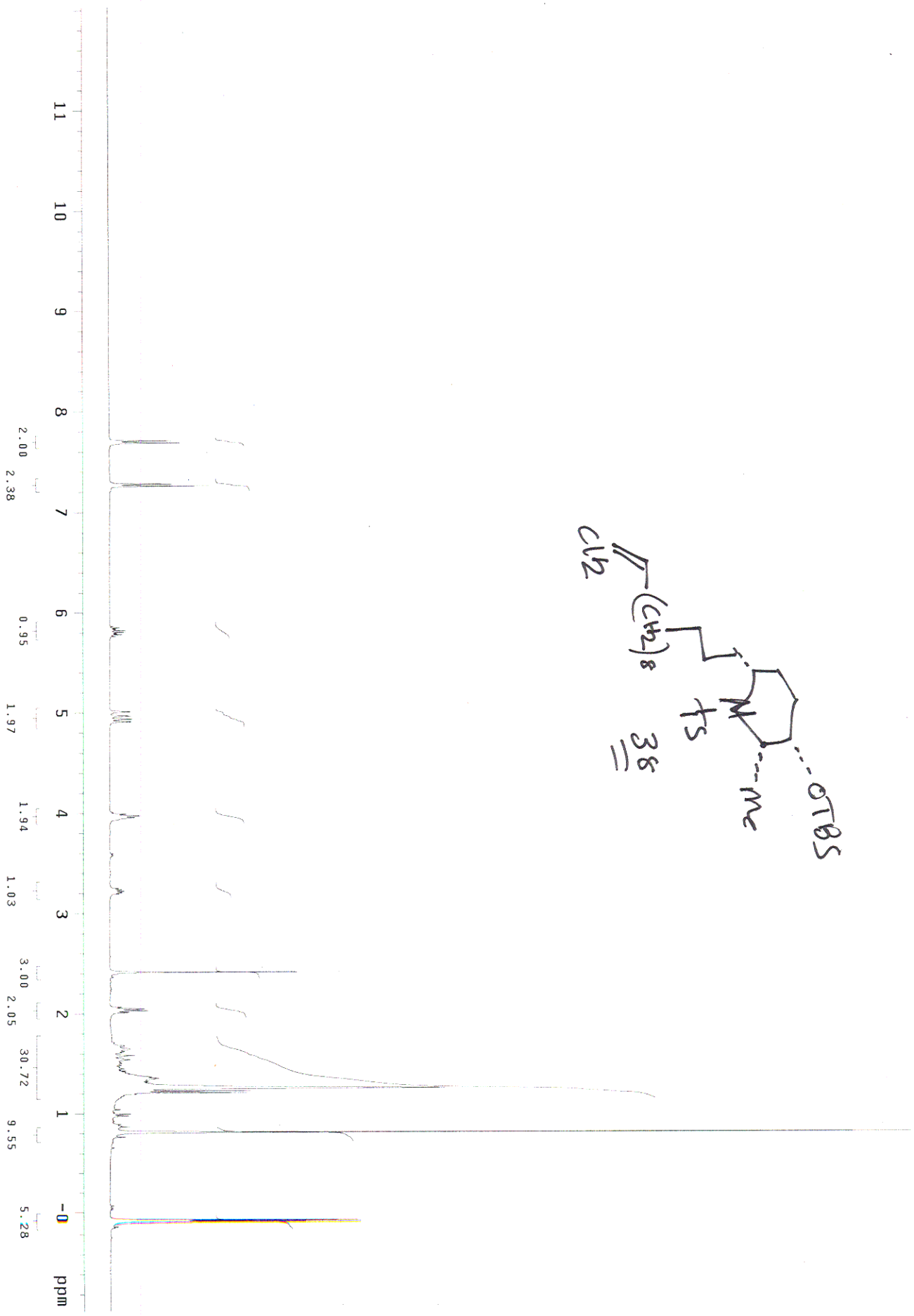
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CH2
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8
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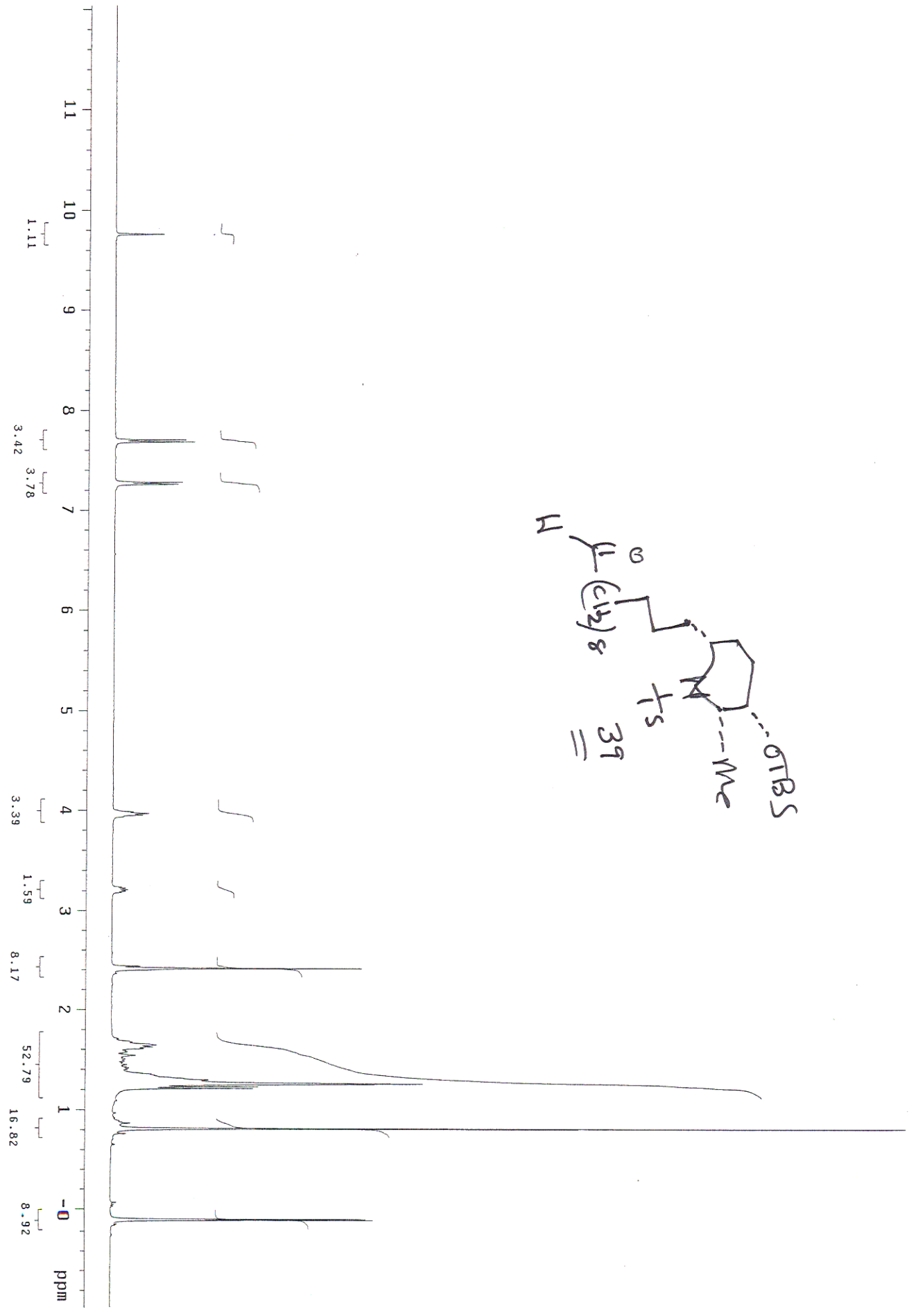
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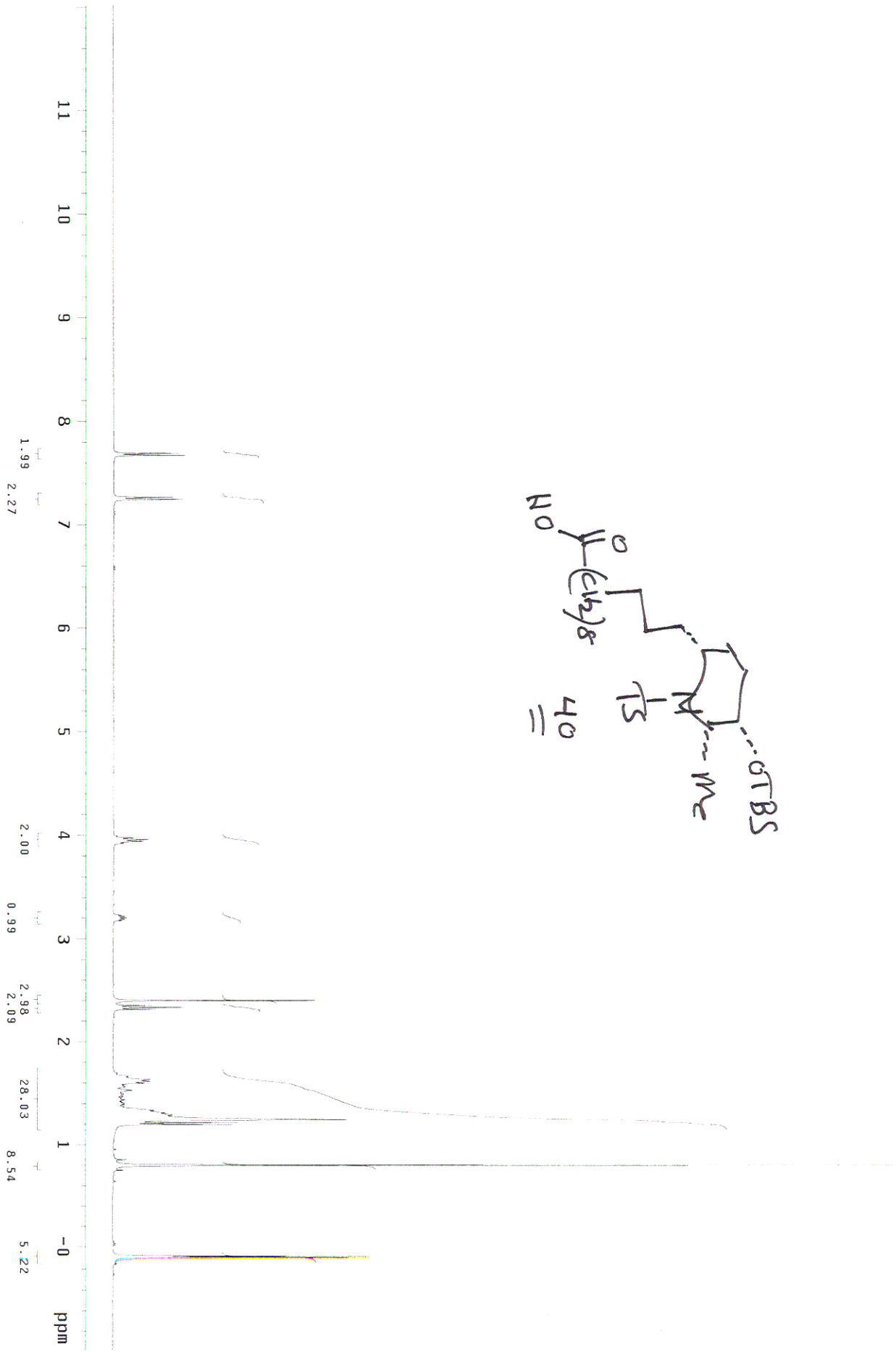
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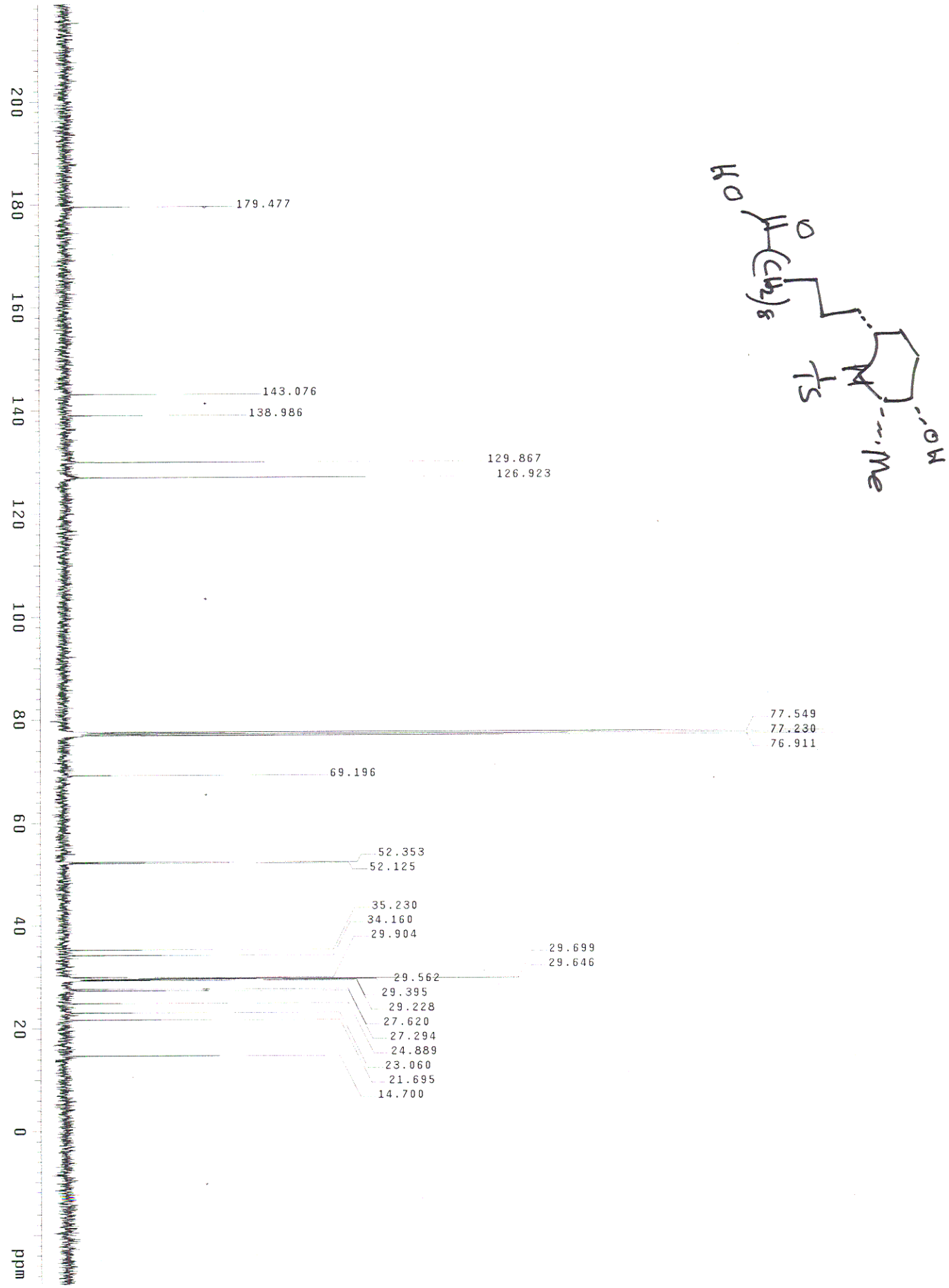
OTBS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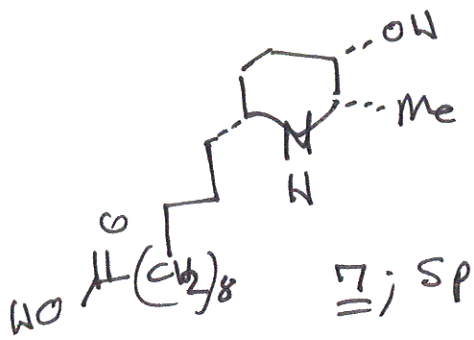
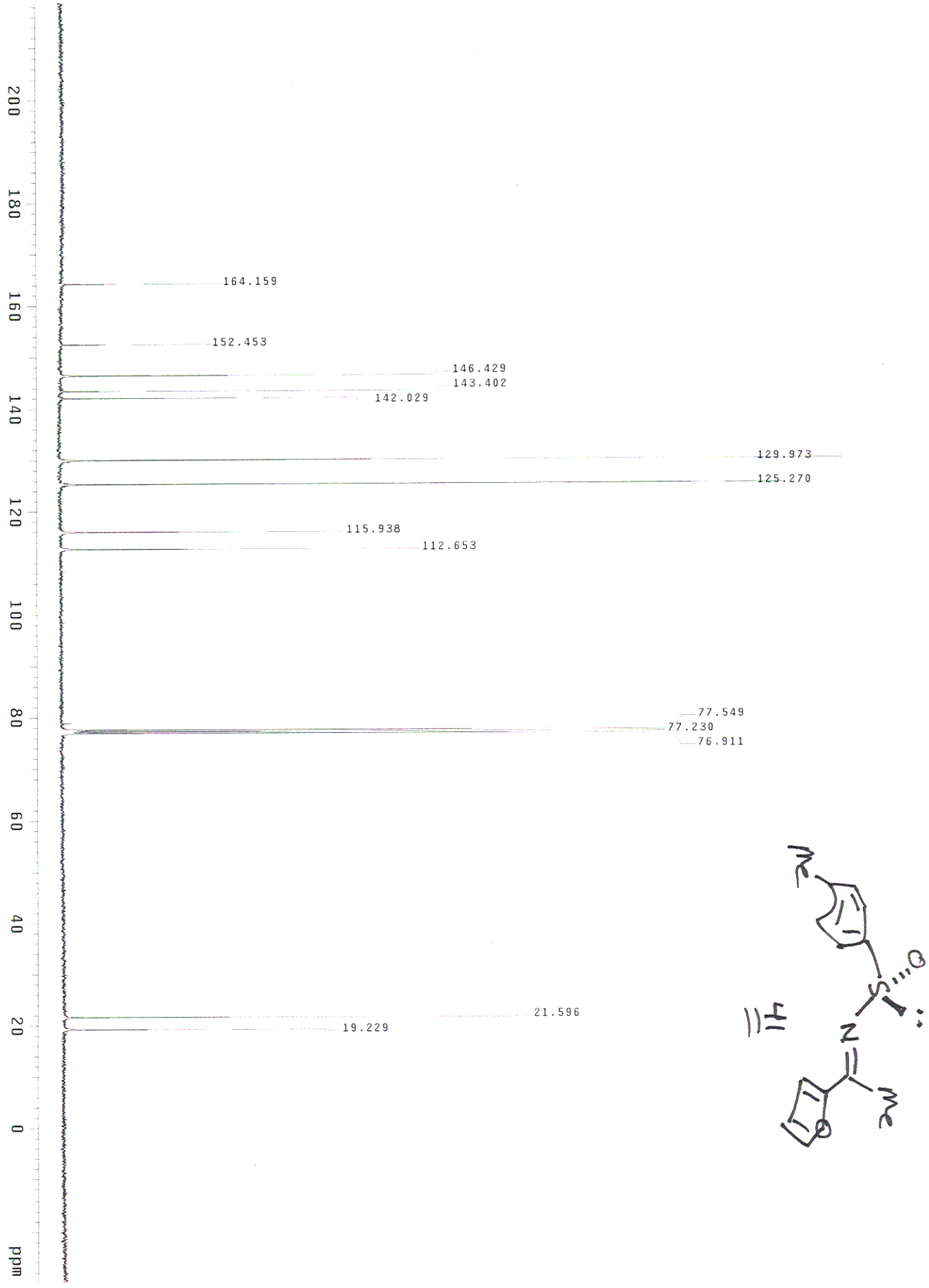


7; Spicigerine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76.911
21.596
19.229