

Supporting Information

“Click” synthesis of monofunctionalized amino- and carboxylic acid- β CDs with low copper(I) catalyst loading

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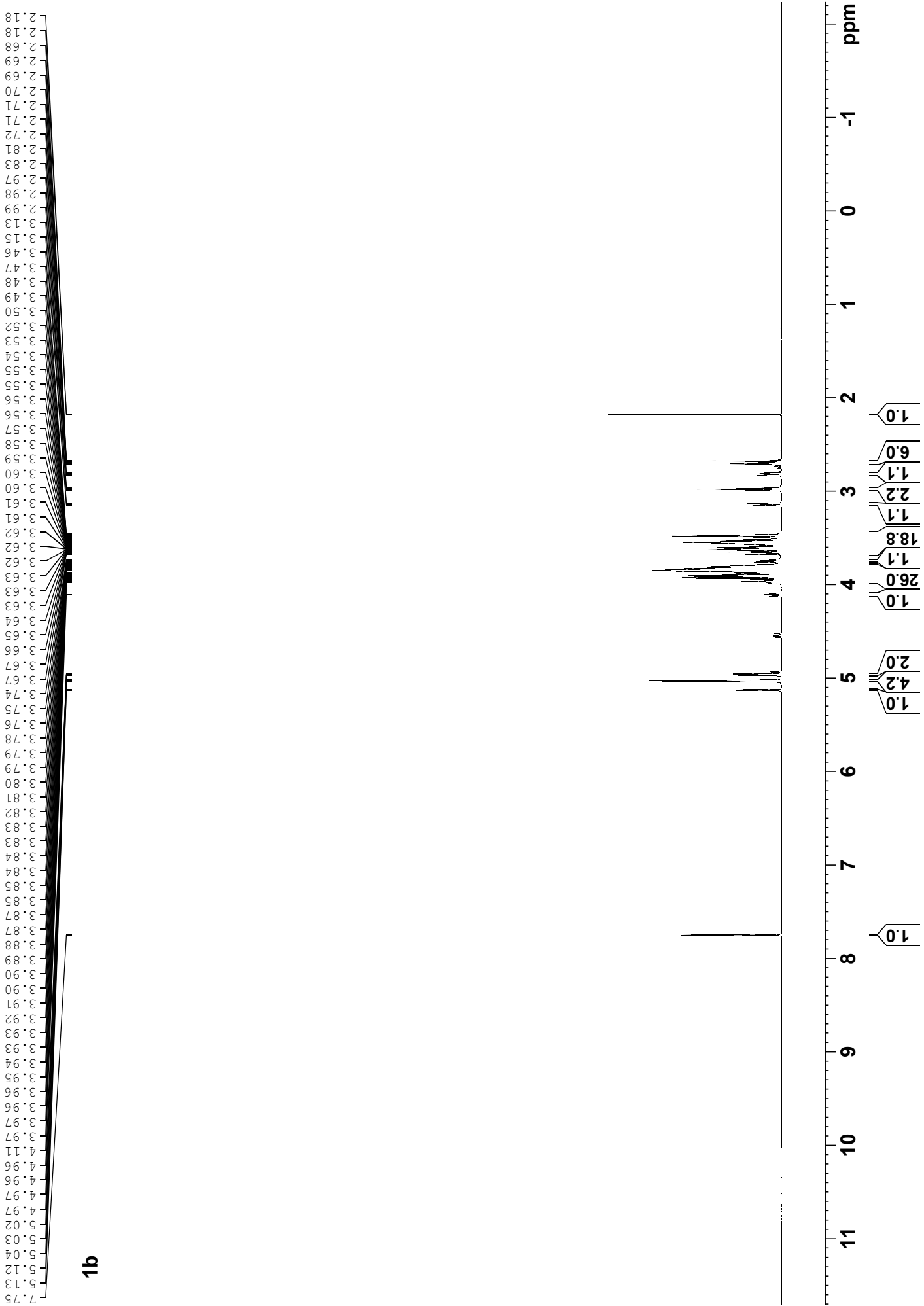
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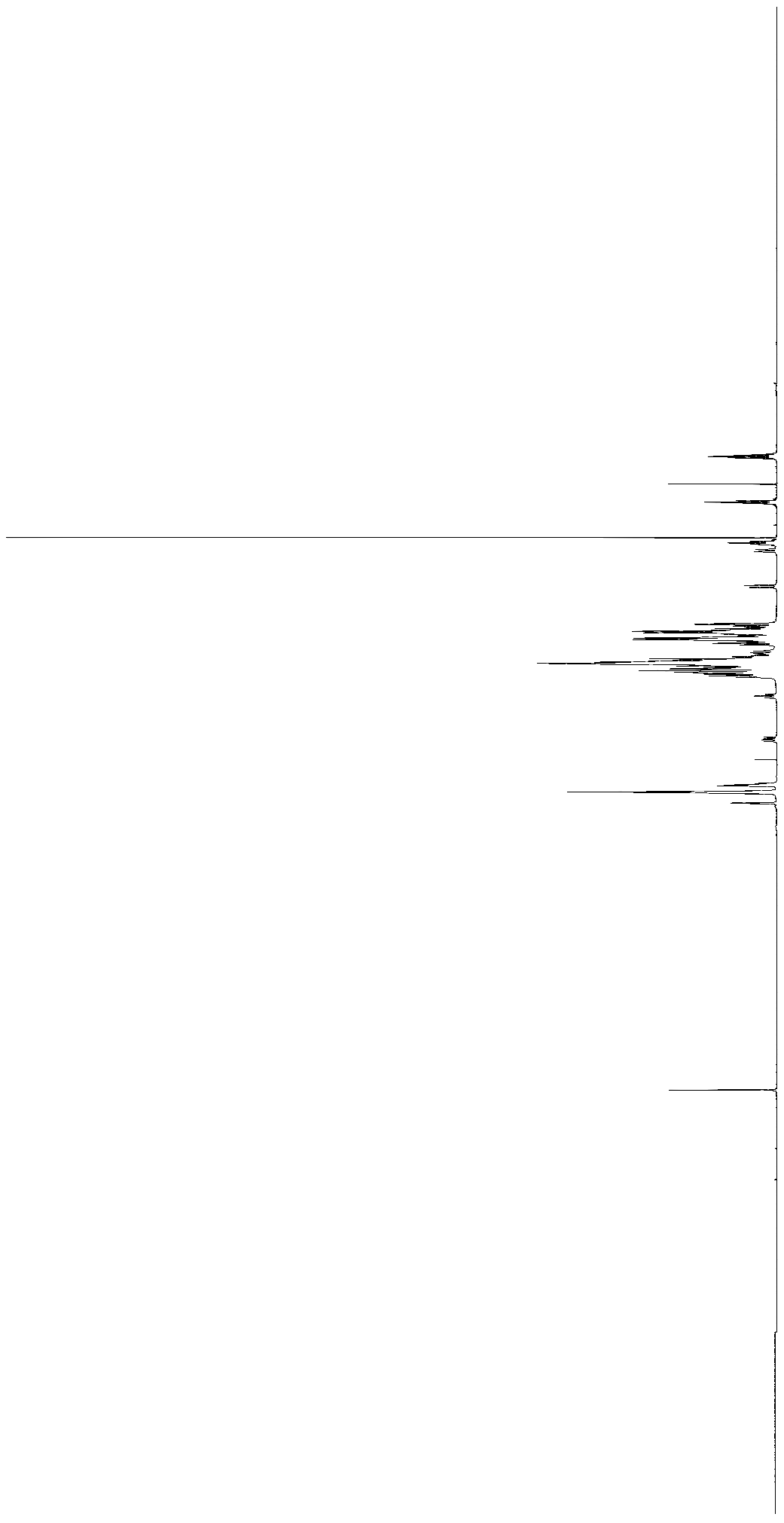
* Corresponding author

‡ Equal contributors



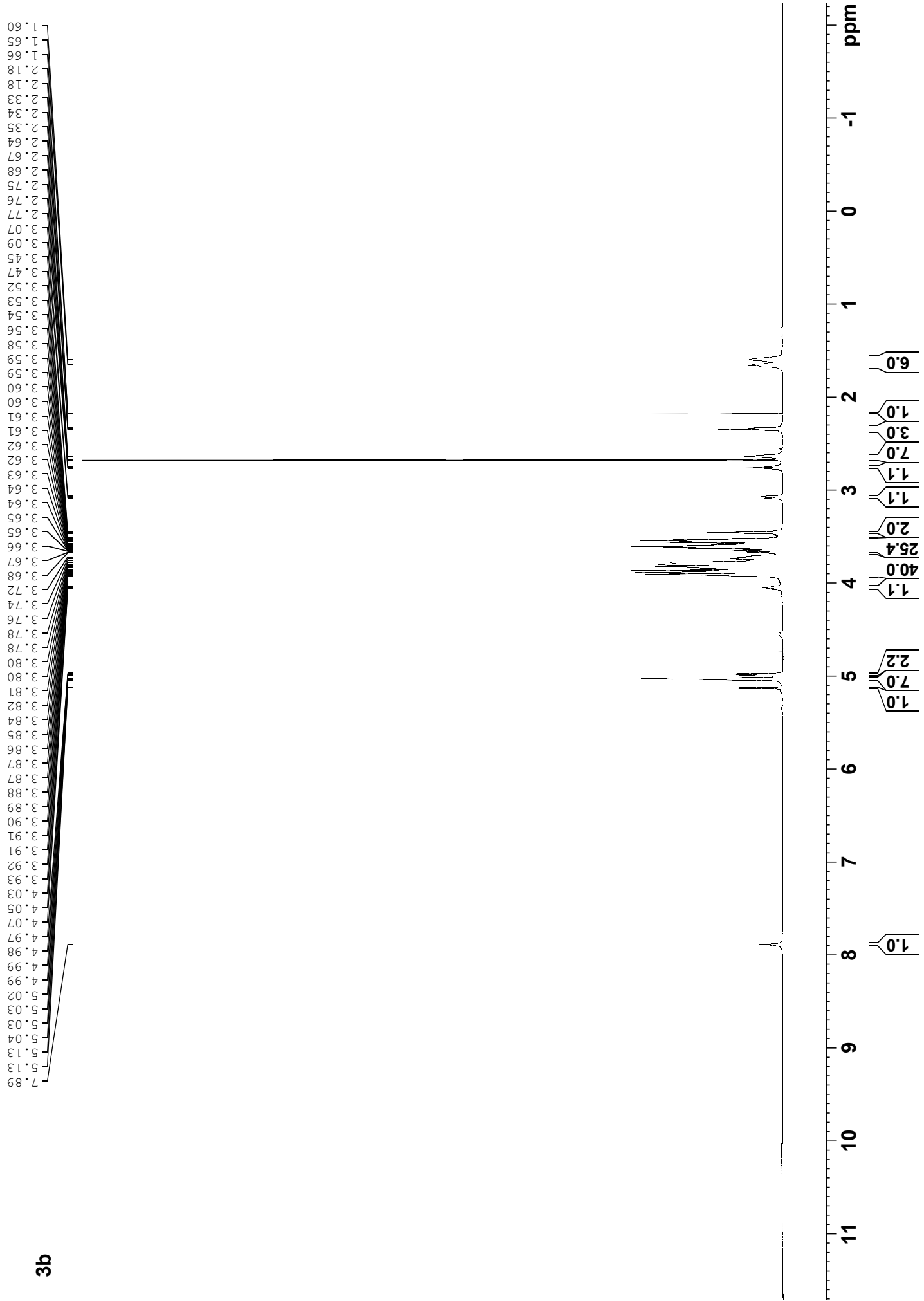
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1.92
1.94
2.18
2.33
2.35
2.35
2.36
2.36
2.68
2.71
2.71
2.72
2.73
2.74
2.74
3.12
3.14
3.47
3.48
3.49
3.50
3.51
3.52
3.53
3.54
3.54
3.55
3.56
3.57
3.57
3.58
3.59
3.60
3.61
3.61
3.62
3.62
3.63
3.63
3.64
3.64
3.65
3.65
3.66
3.67
3.74
3.77
3.78
3.78
3.79
3.80
3.81
3.82
3.83
3.84
3.85
3.85
3.87
3.87
3.88
3.88
3.89
3.89
3.91
3.91
3.92
3.92
3.93
3.93
3.94
3.94
3.95
3.95
3.97
4.96
4.97
4.97
4.97
5.02
5.02
5.03
5.04
5.04
5.05
5.13
5.14
7.79

2b

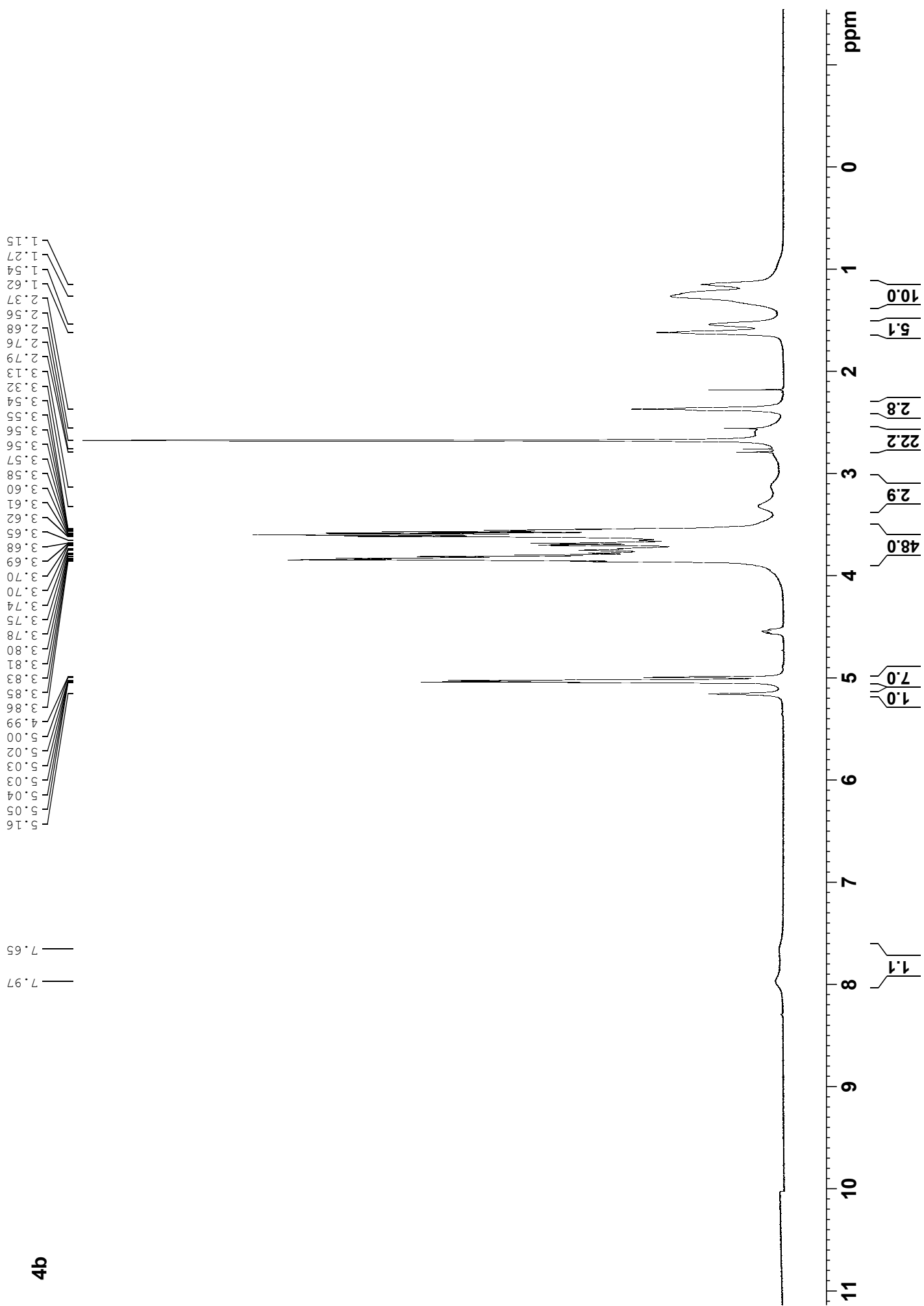


11 10 9 8 7 6 5 4 3 2 1 0 -1 ppm

2.3
0.6
2.0
4.1
2.0
1.0
1.0
28.0
44.2
1.0
0.8
2.0
8.1
1.0
1.0

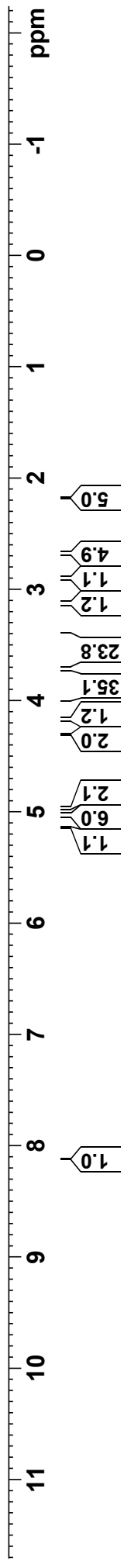


3b



4b

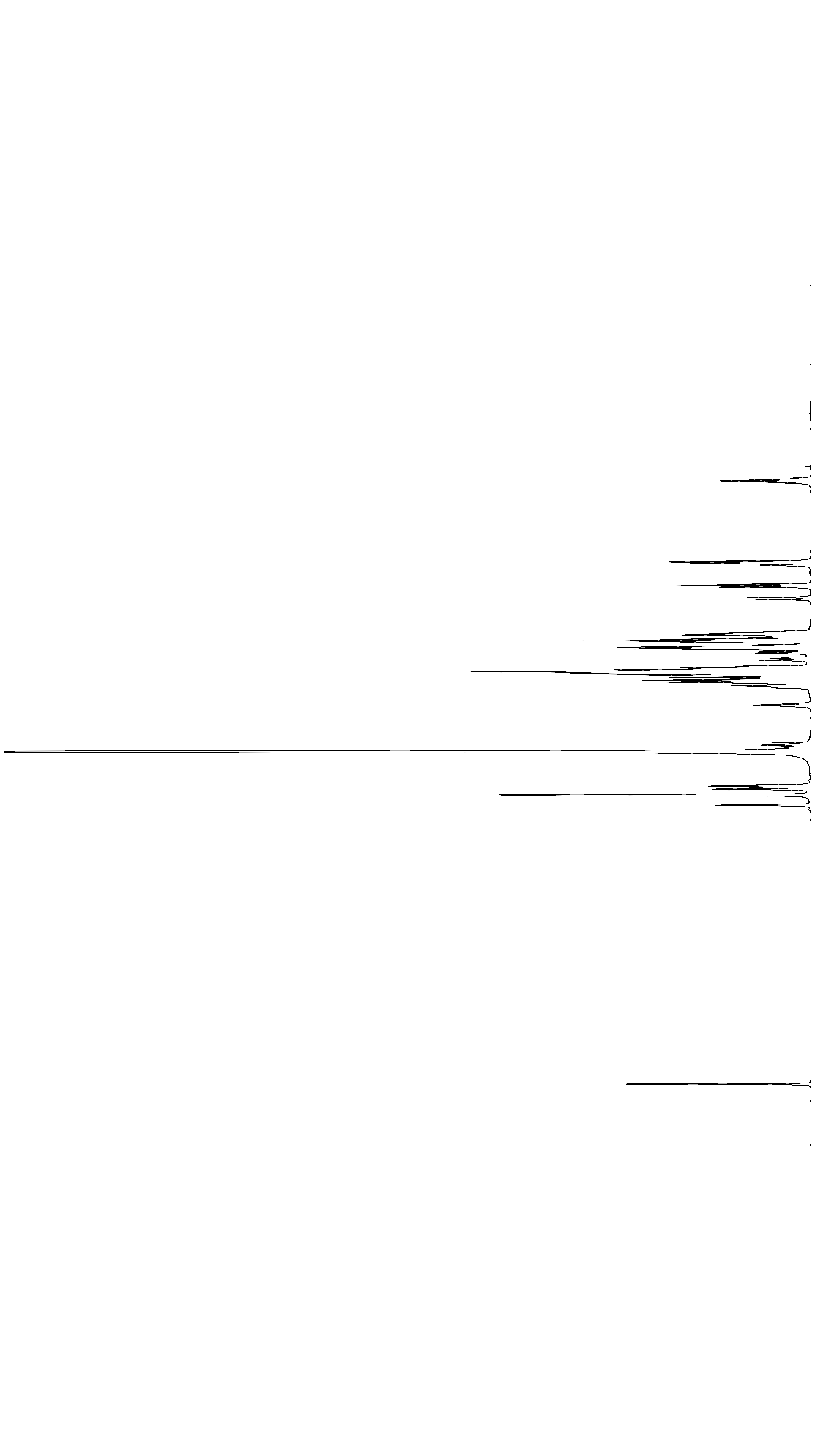
2.18
2.68
2.89
2.89
2.91
2.92
3.12
3.14
3.41
3.42
3.44
3.46
3.48
3.48
3.49
3.50
3.52
3.52
3.53
3.54
3.55
3.56
3.57
3.58
3.59
3.60
3.61
3.62
3.62
3.63
3.65
3.66
3.67
3.67
3.73
3.74
3.75
3.76
3.79
3.79
3.80
3.80
3.82
3.82
3.84
3.85
3.85
3.86
3.88
3.89
3.90
3.91
3.92
3.92
3.93
3.94
3.95
3.95
3.96
3.97
3.98
3.99
4.00
4.15
4.17
4.18
4.30
4.95
4.96
4.97
4.98
5.00
5.02
5.03
5.04
5.14
5.14
8.12



5b

7.99
5.31
5.30
5.21
5.21
5.16
5.15
5.13
5.13
5.12
5.11
4.36
4.34
4.33
4.18
4.17
4.15
4.14
4.12
4.11
4.10
4.10
4.09
4.08
4.07
4.06
4.04
4.04
4.03
4.02
4.01
4.00
3.99
3.98
3.97
3.91
3.90
3.89
3.88
3.85
3.84
3.83
3.82
3.81
3.80
3.80
3.79
3.78
3.76
3.76
3.74
3.73
3.72
3.71
3.69
3.67
3.66
3.65
3.64
3.63
3.63
3.32
3.30
3.20
3.19
3.18
2.99
2.97
2.96
2.95
2.20
2.19
2.18
2.17
2.15

6b



11 10 9 8 7 6 5 4 3 2 1 0 -1 ppm

1.0

4.0

3.0

1.0

22.4

1.0

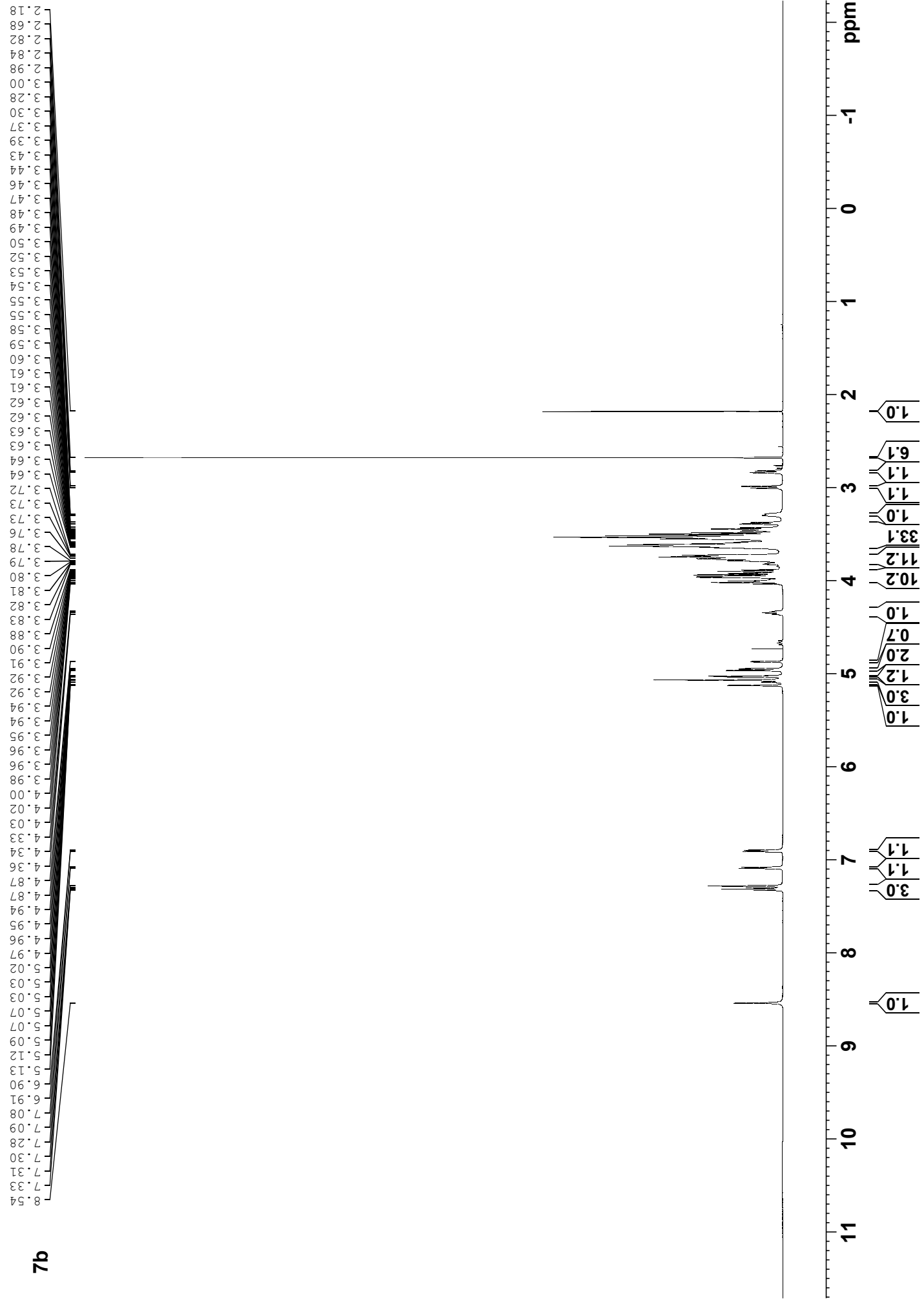
16.1

1.0

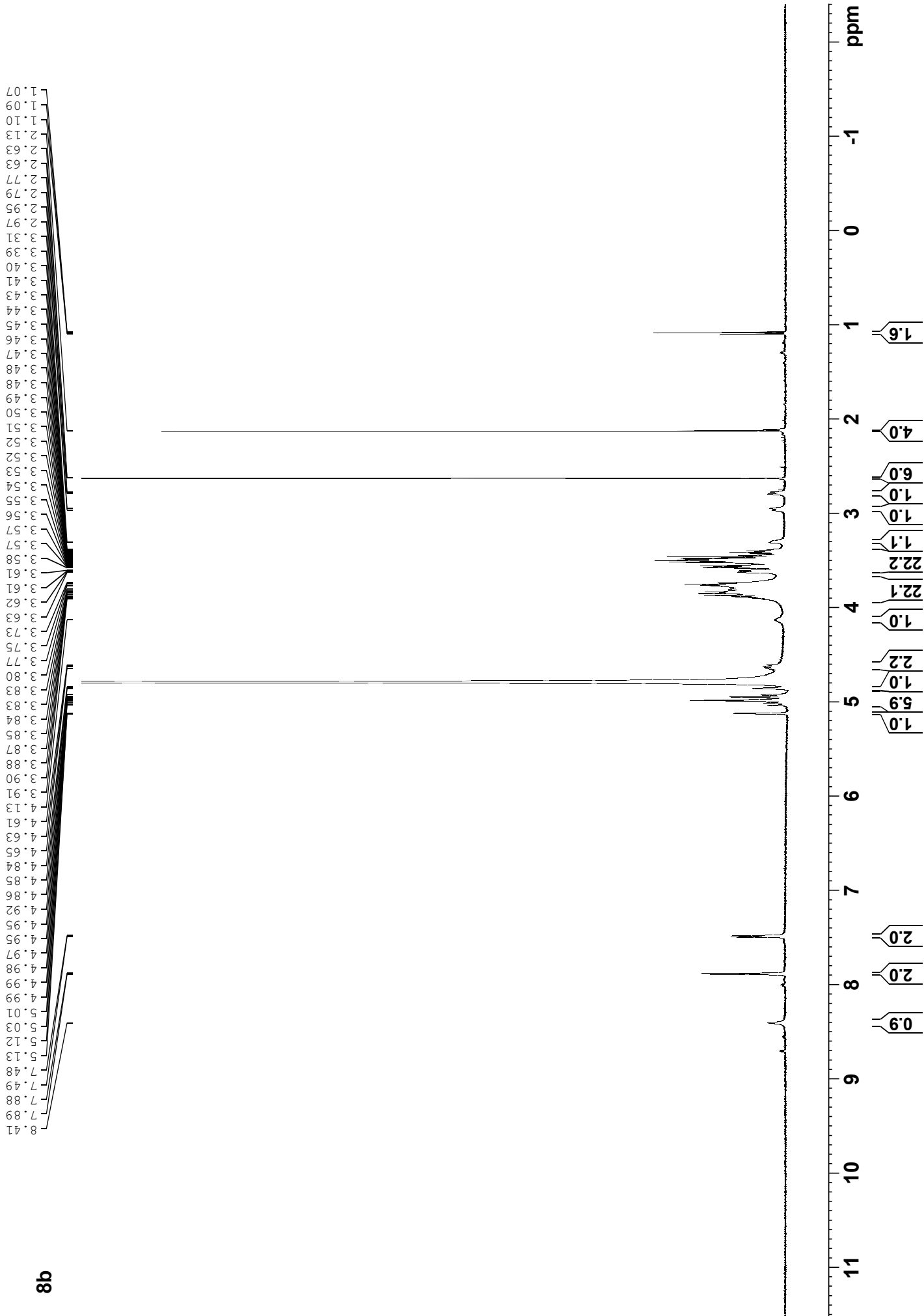
2.0

3.0

2.0



7b



8b