

Supplementary Information

Syntheses of Selenoesters Through C-H Selenation of Aldehydes with Diselenides Under Metal-Free and Solvent-Free Conditions

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Chin-Fa Lee***

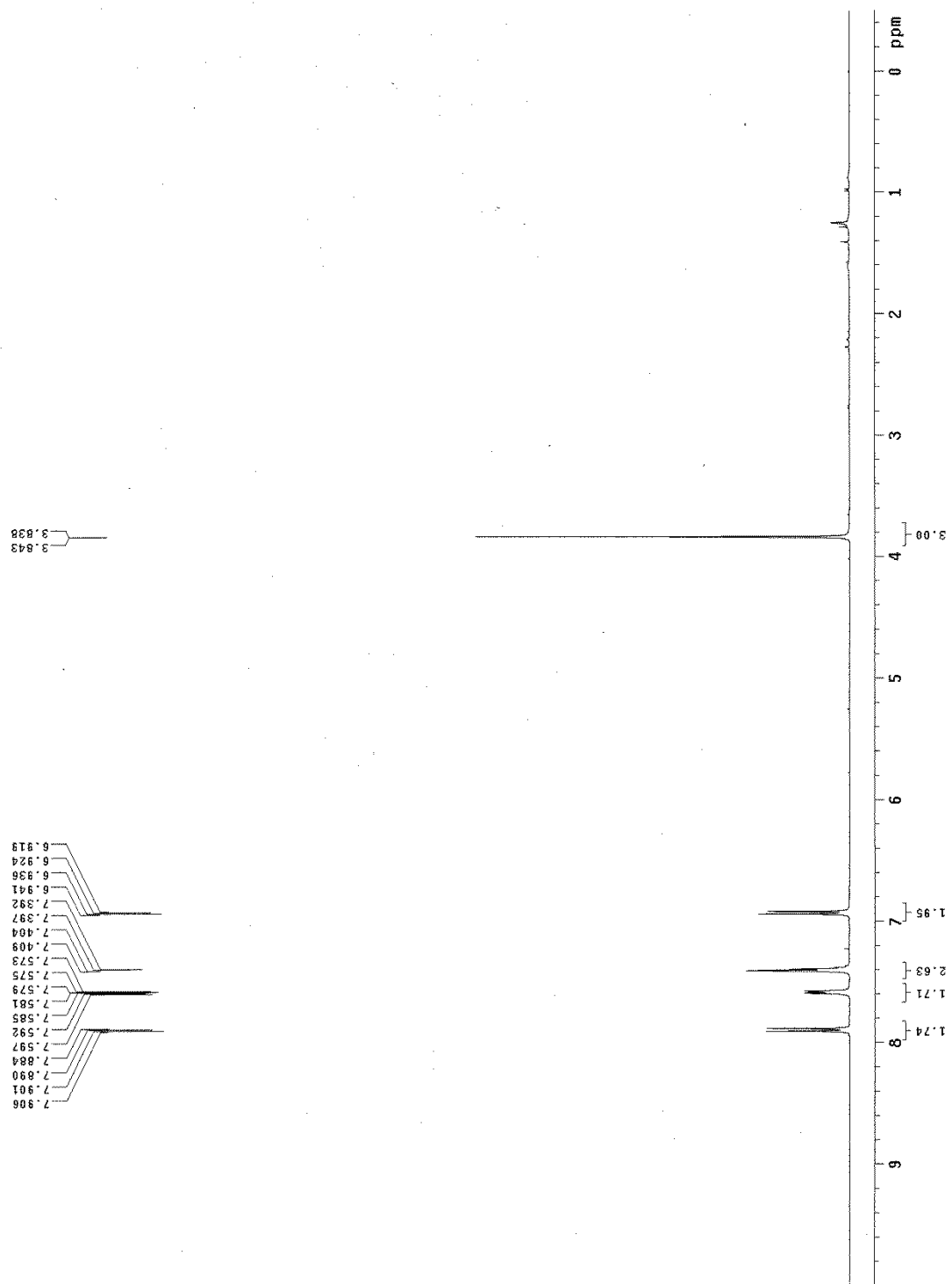
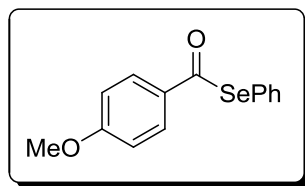
Department of Chemistry, National Chung Hsing University, Taichung 402, Taiwan, R.O.C,

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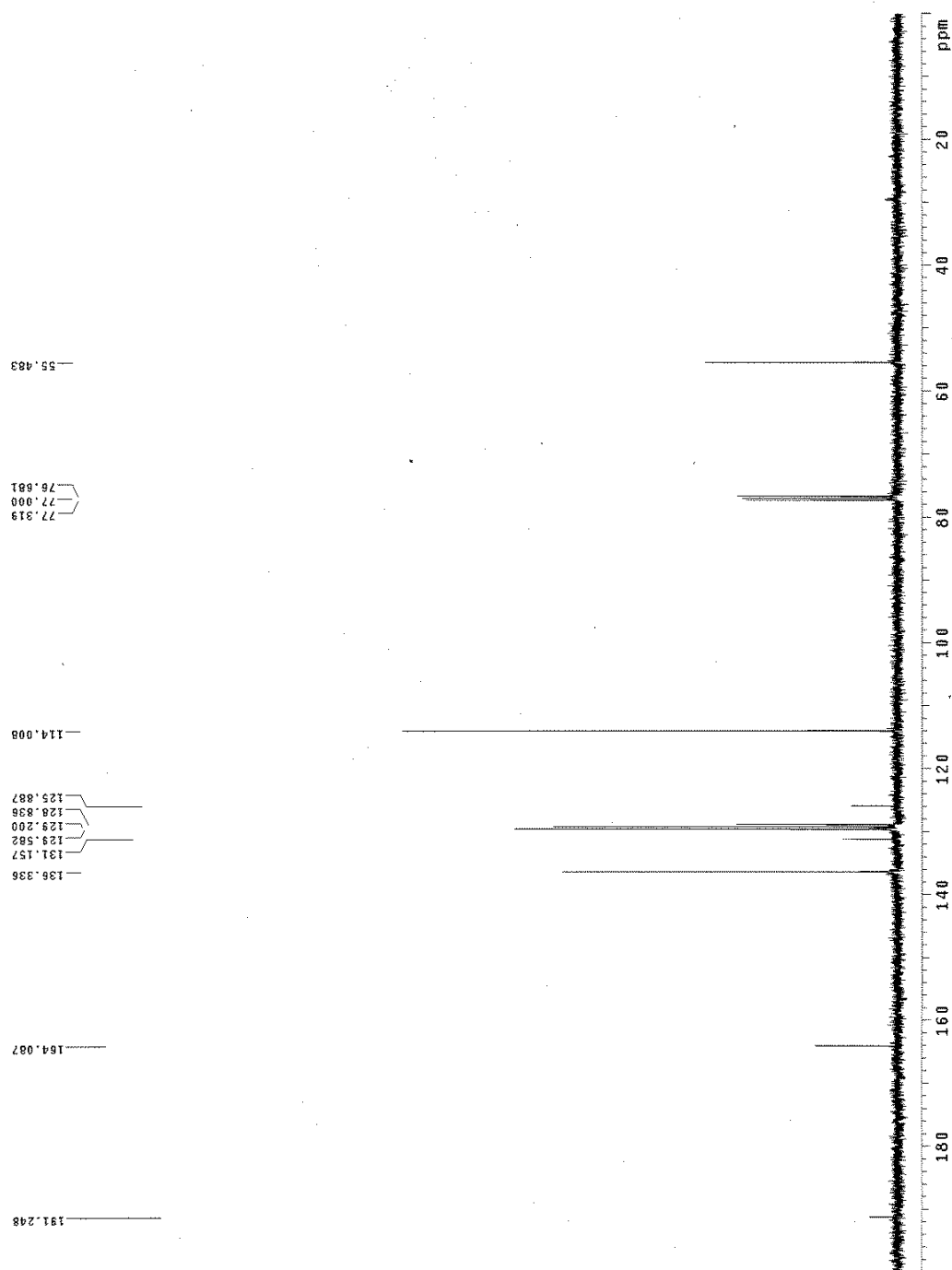
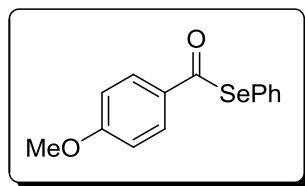
E-mail: cfalee@dragon.nchu.edu.tw

[§] Both authors contributed equally to this work.

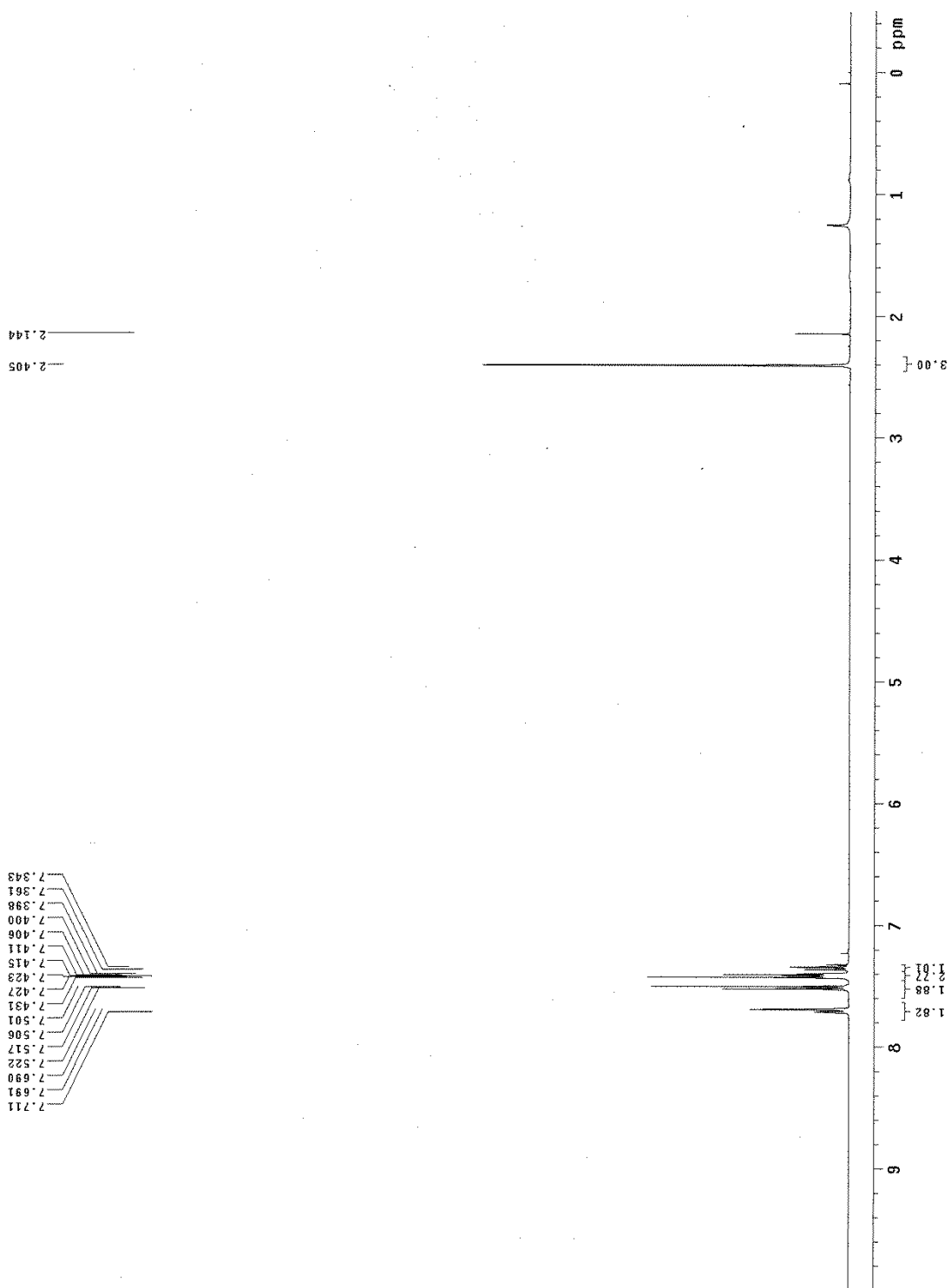
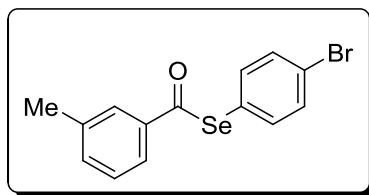
***Se*-phenyl 4-methoxybenzoselenoate (3a)**



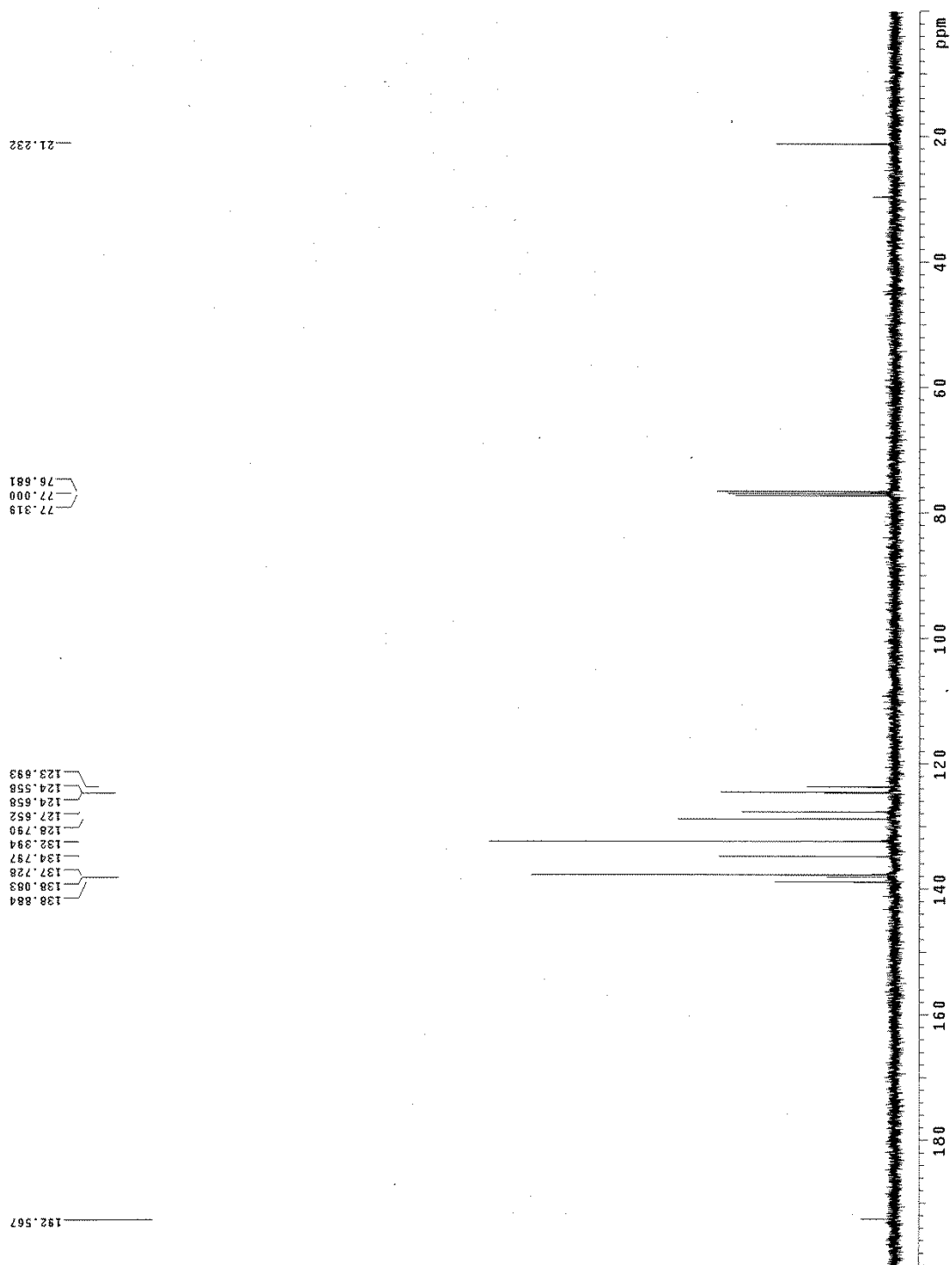
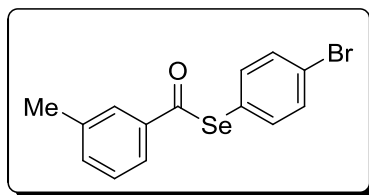
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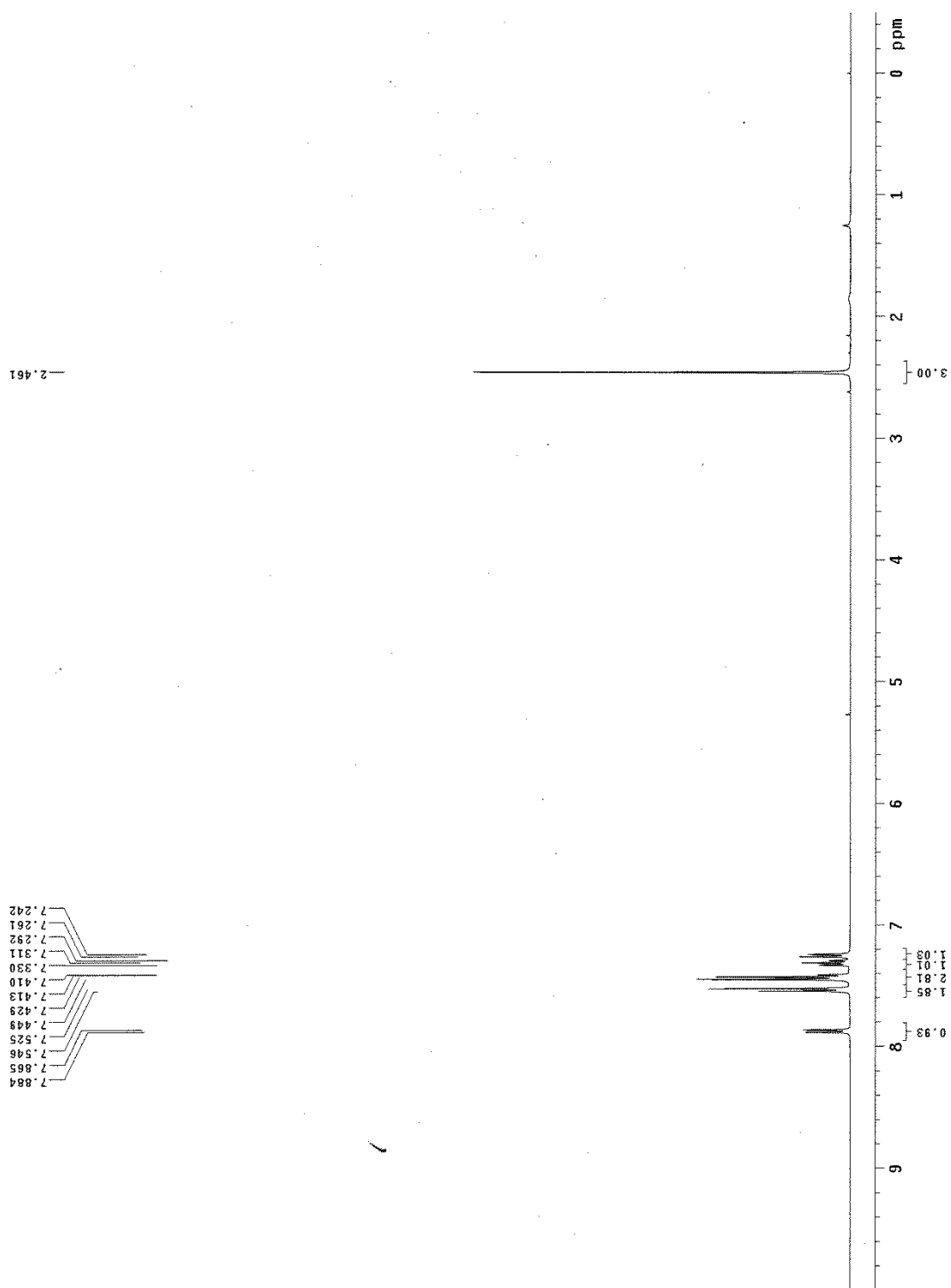
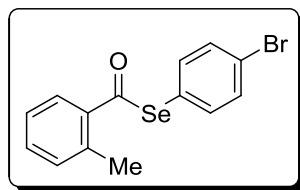
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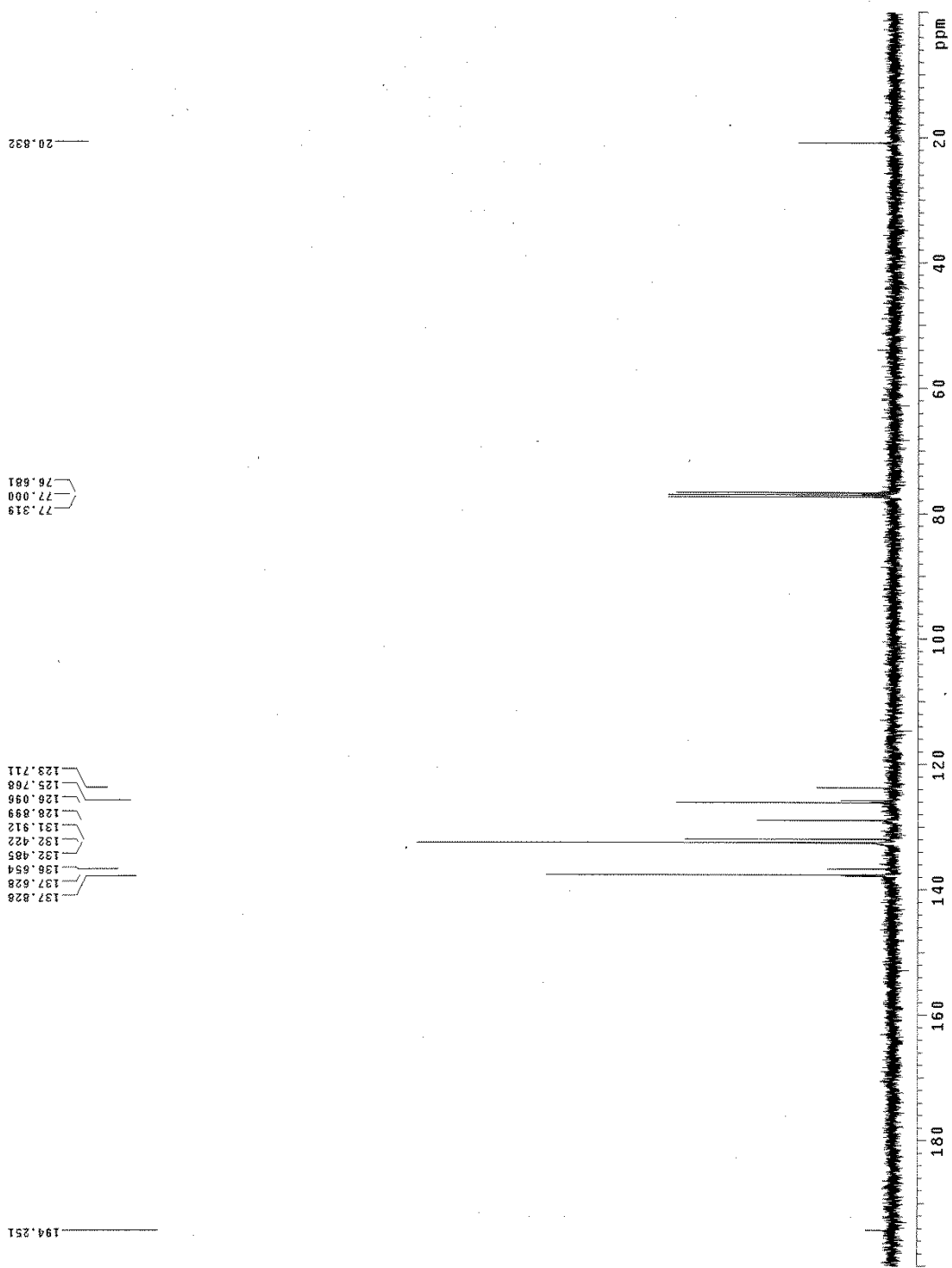
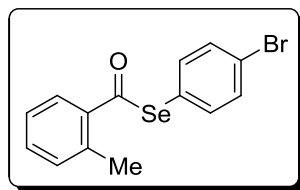
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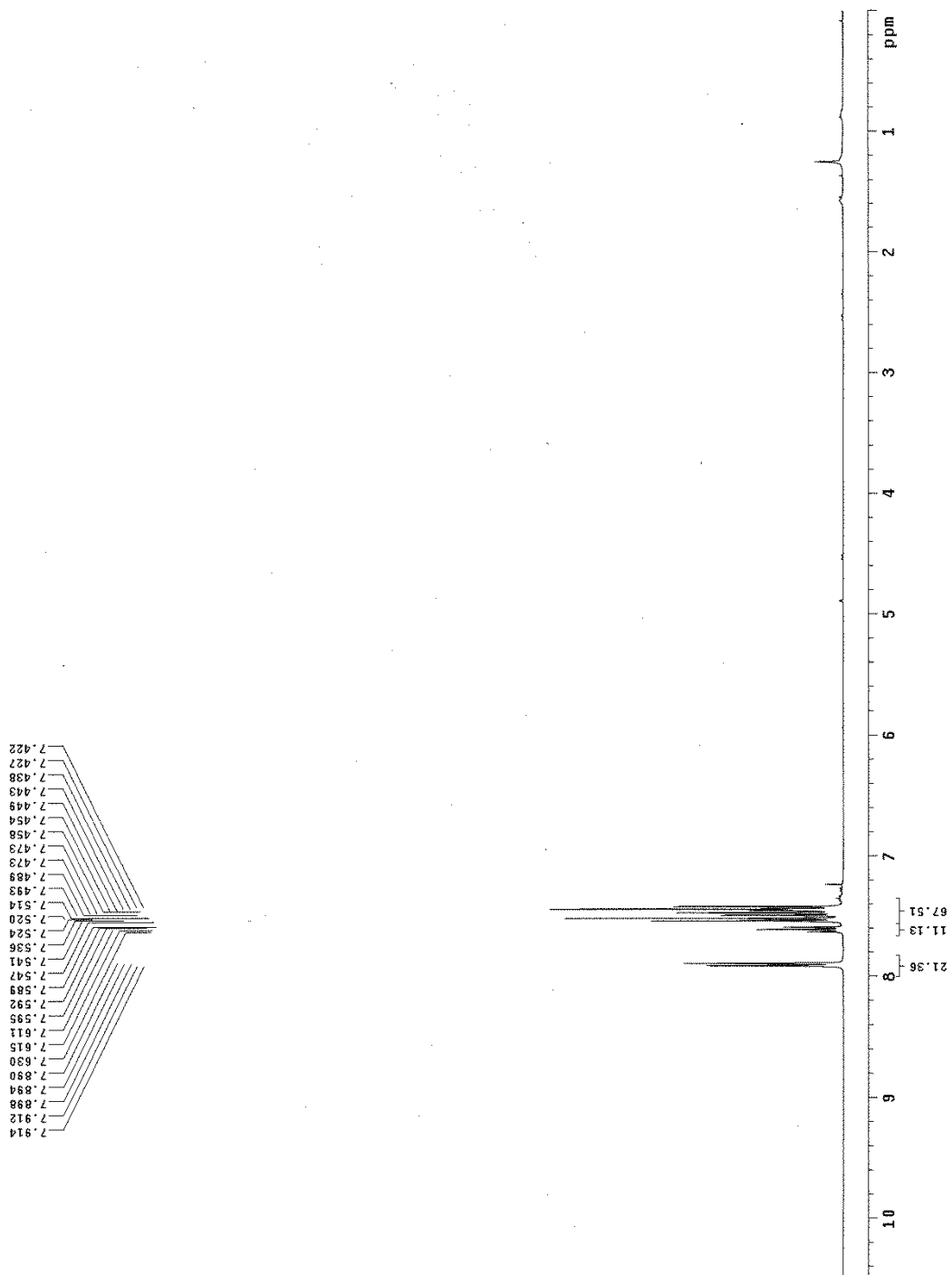
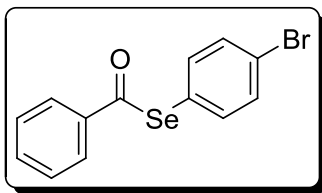
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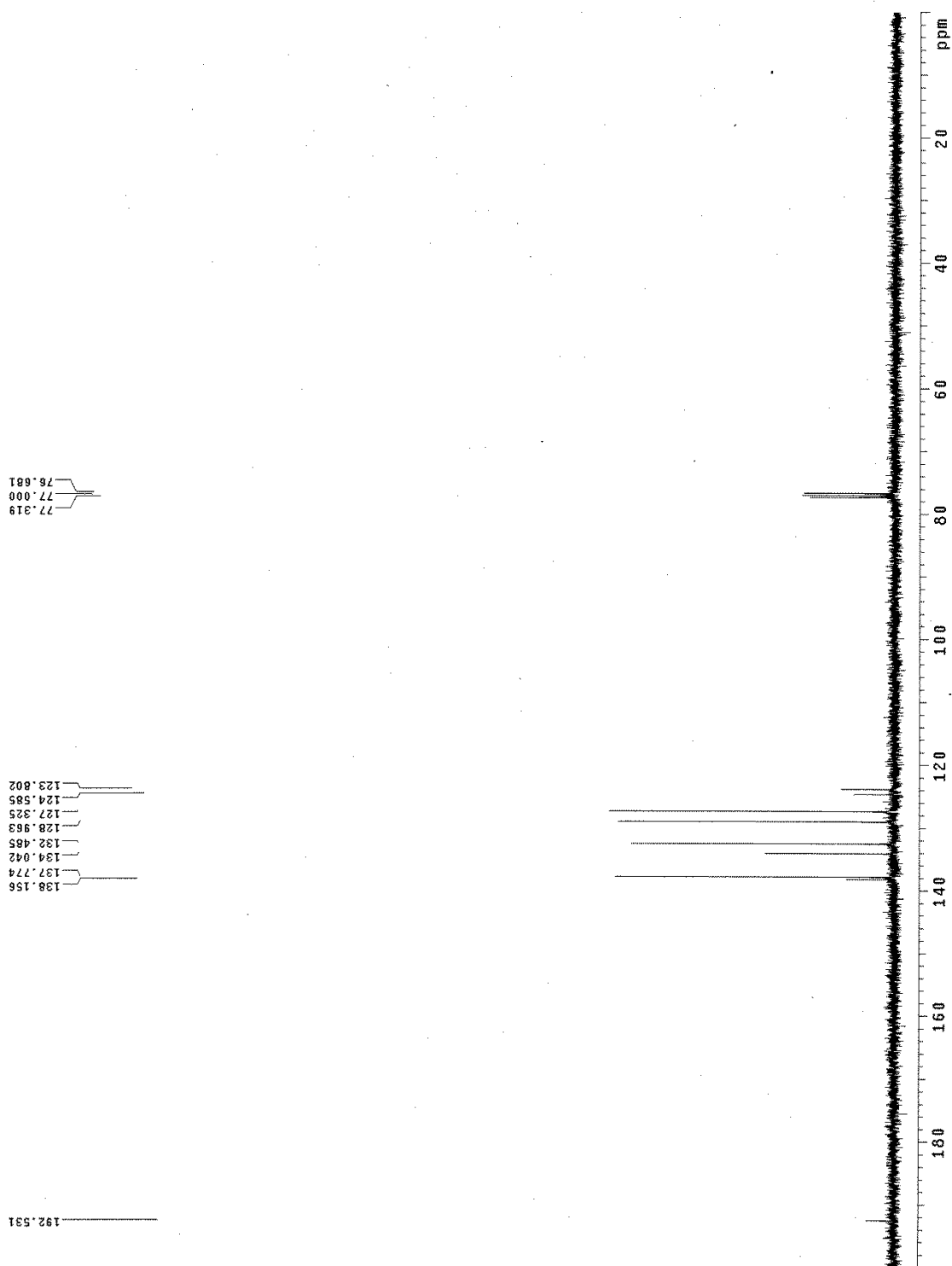
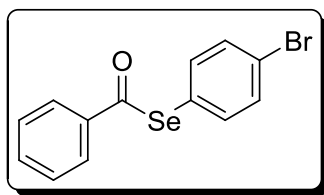
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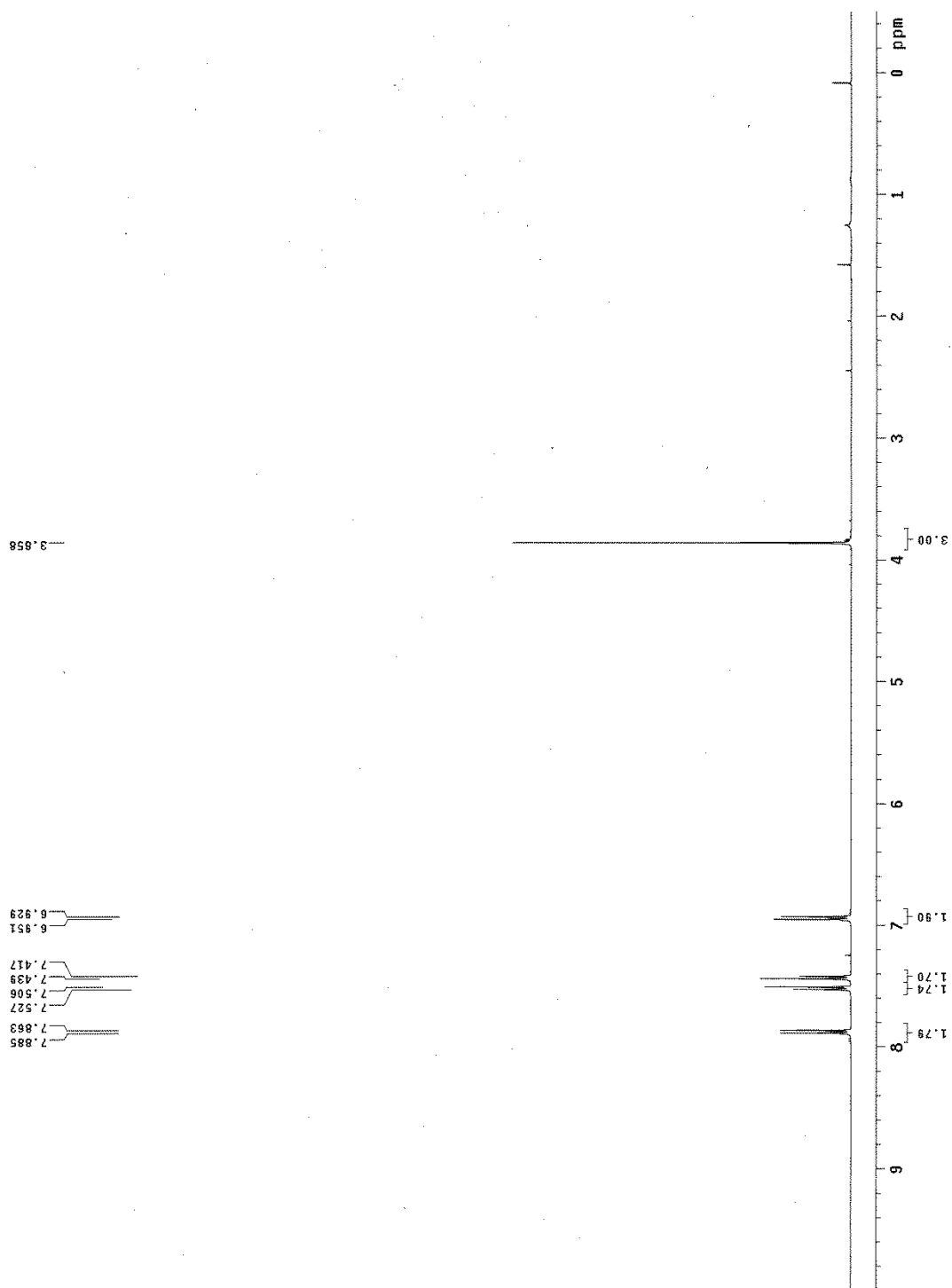
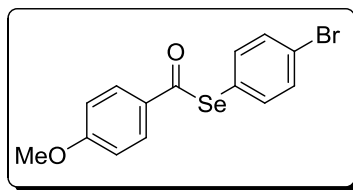
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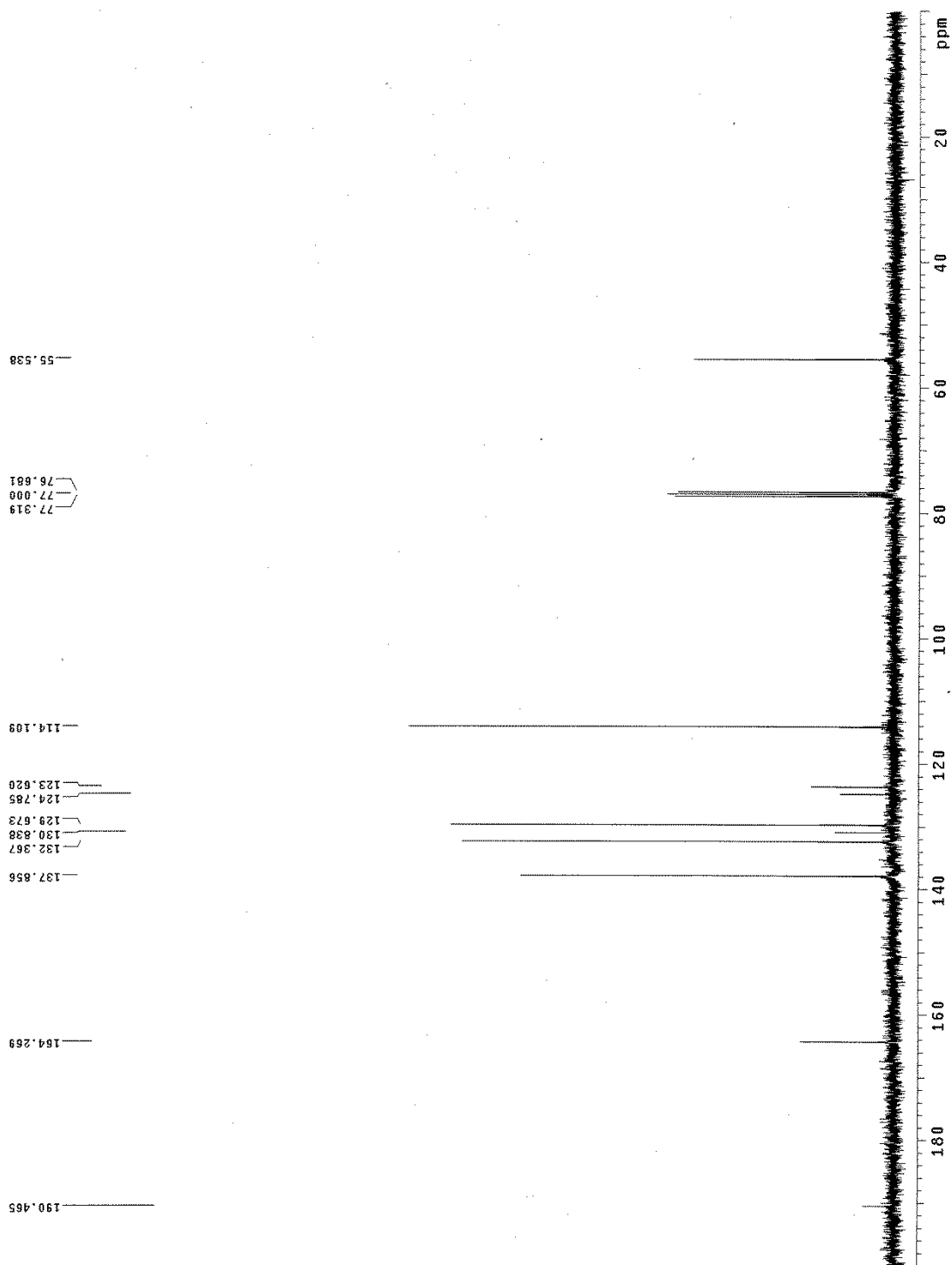
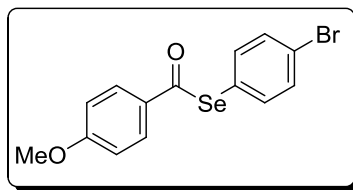
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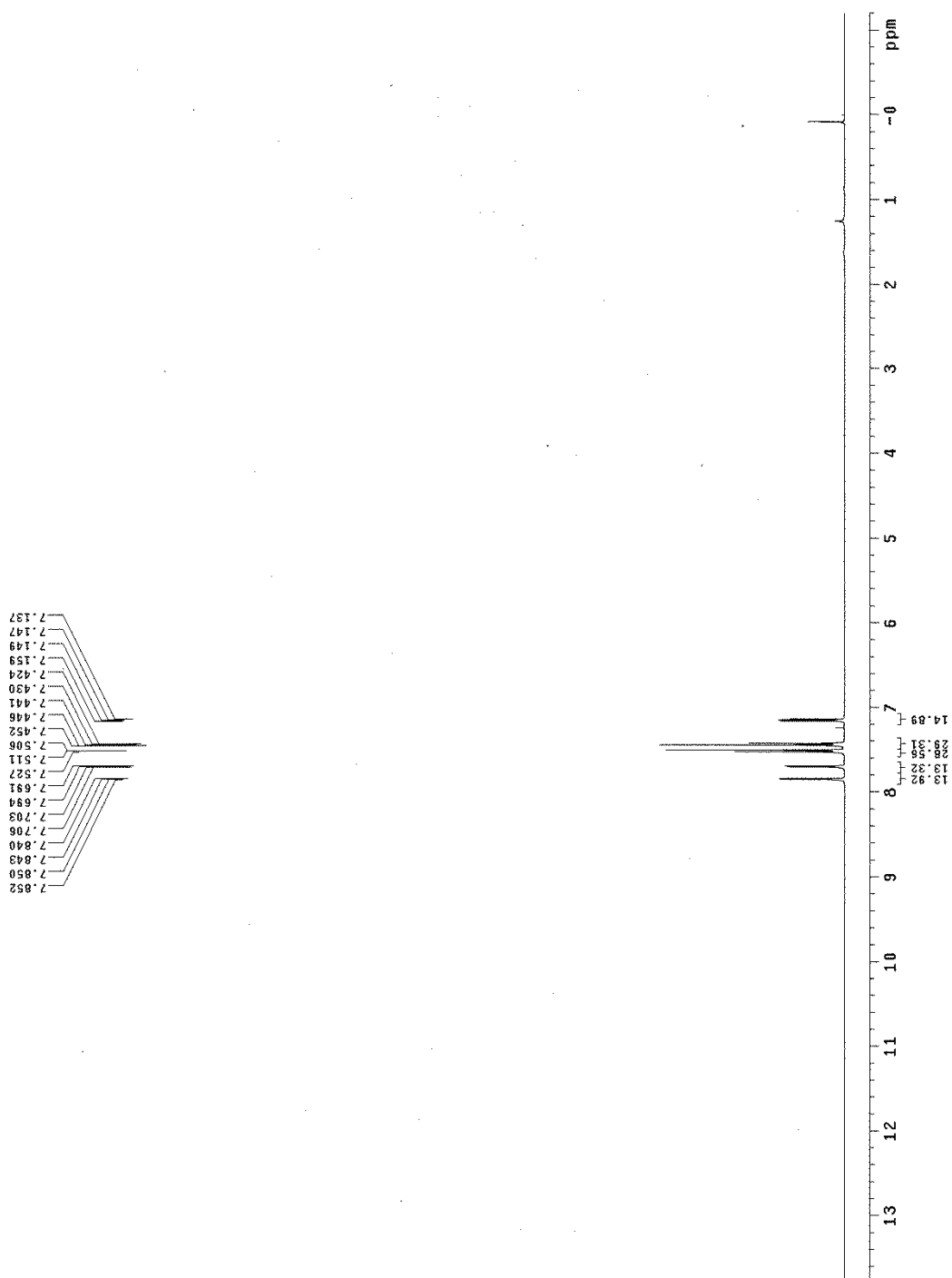
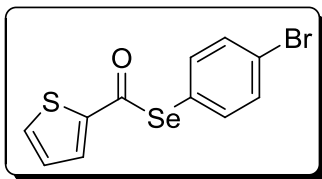
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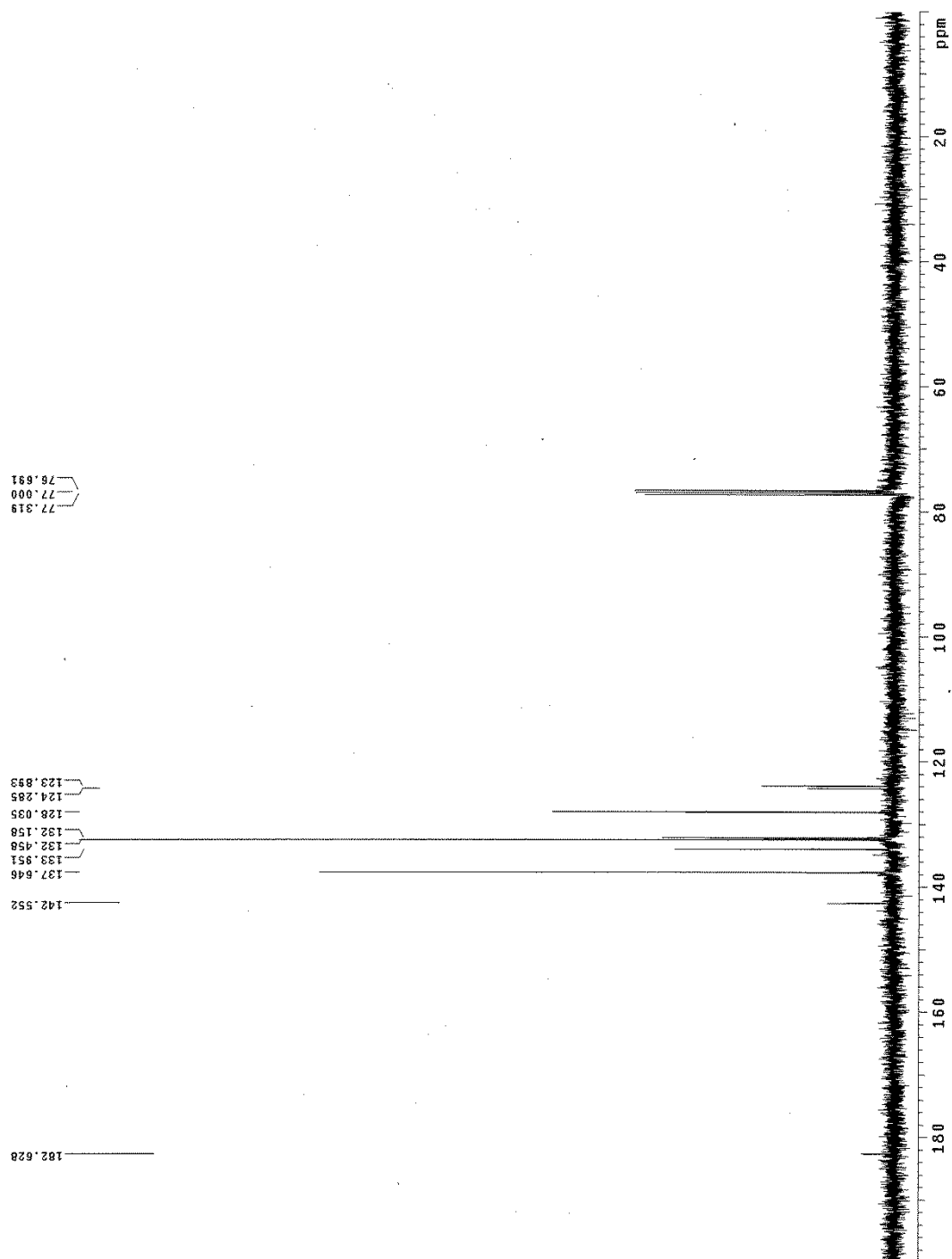
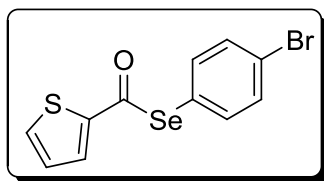
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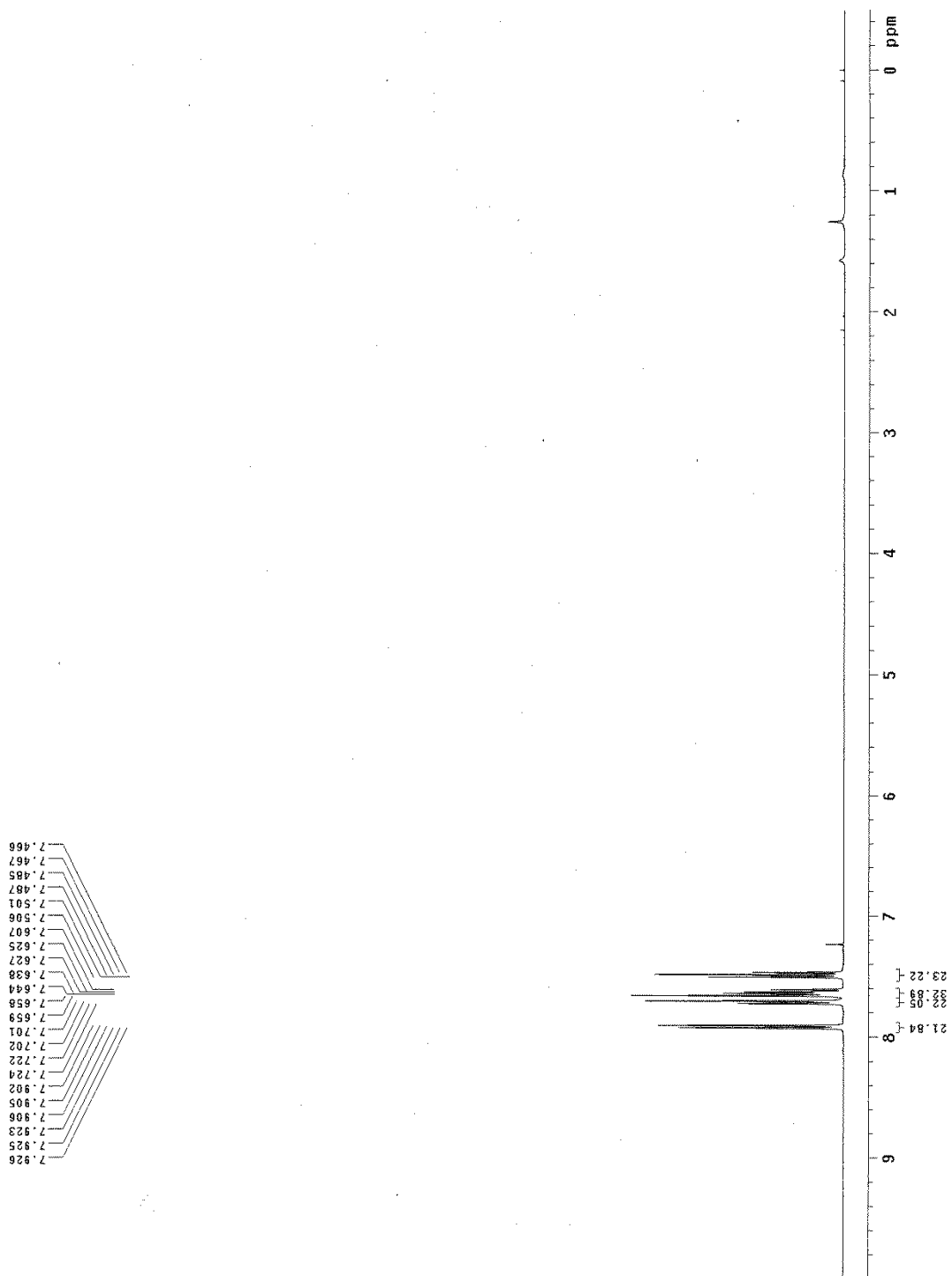
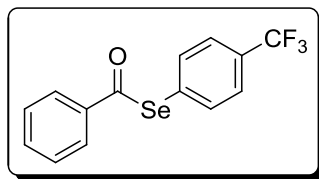
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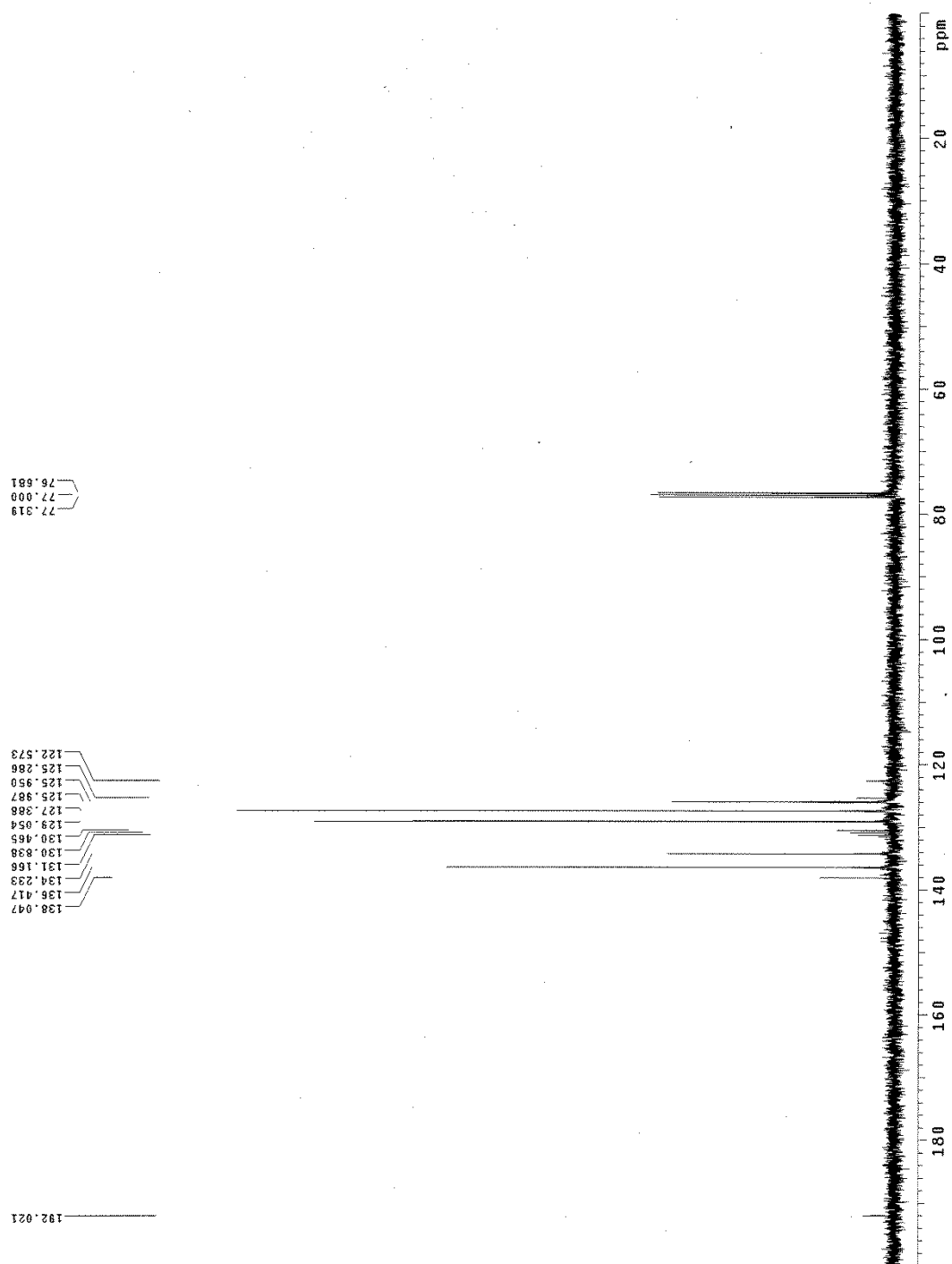
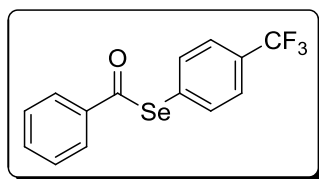
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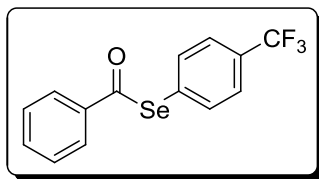
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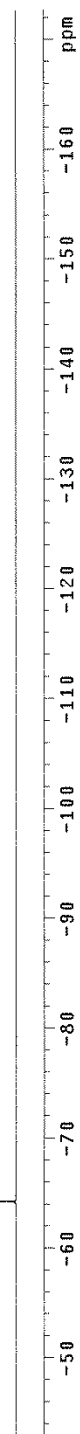
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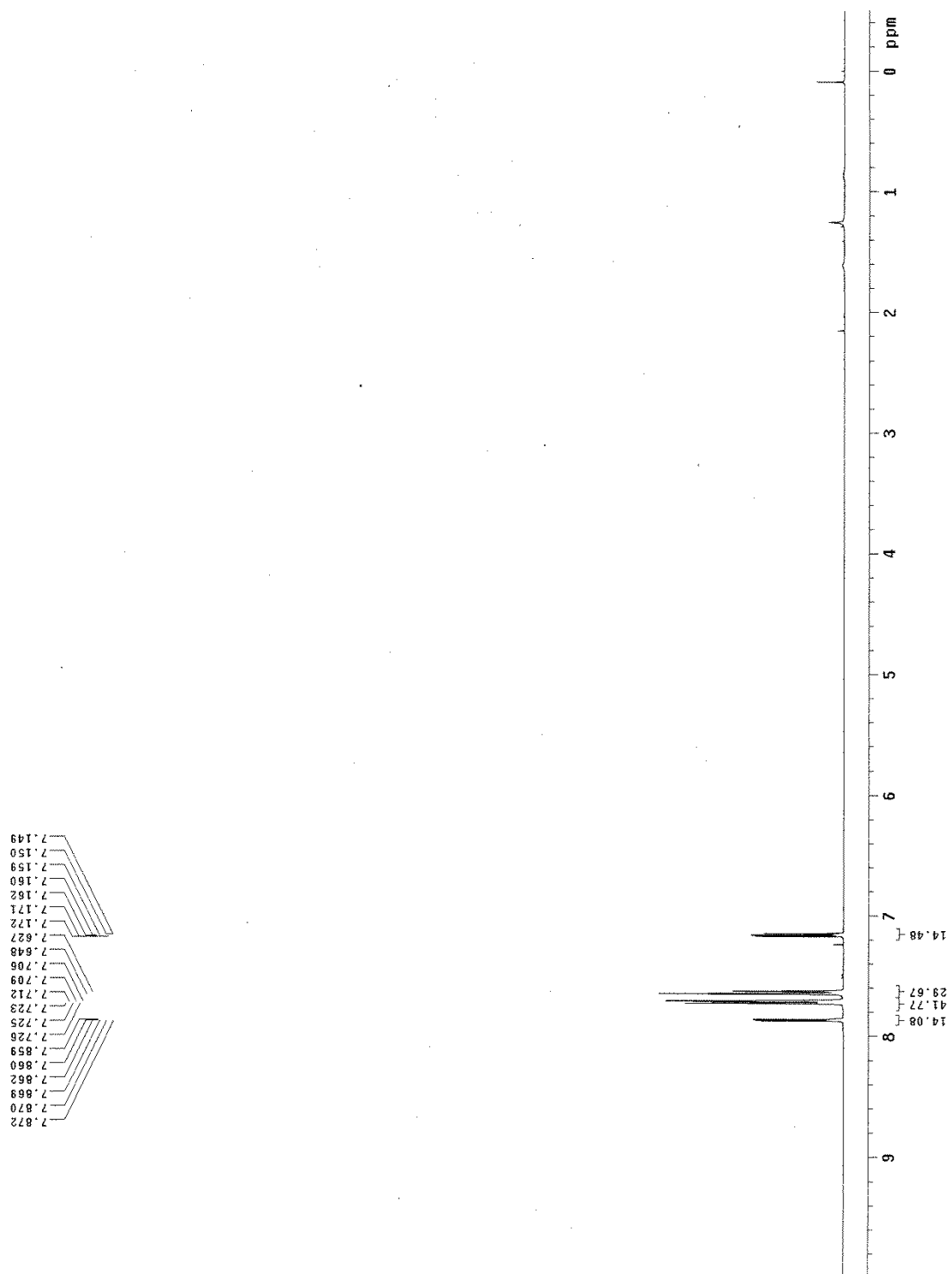
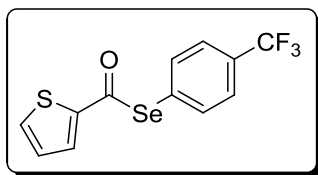
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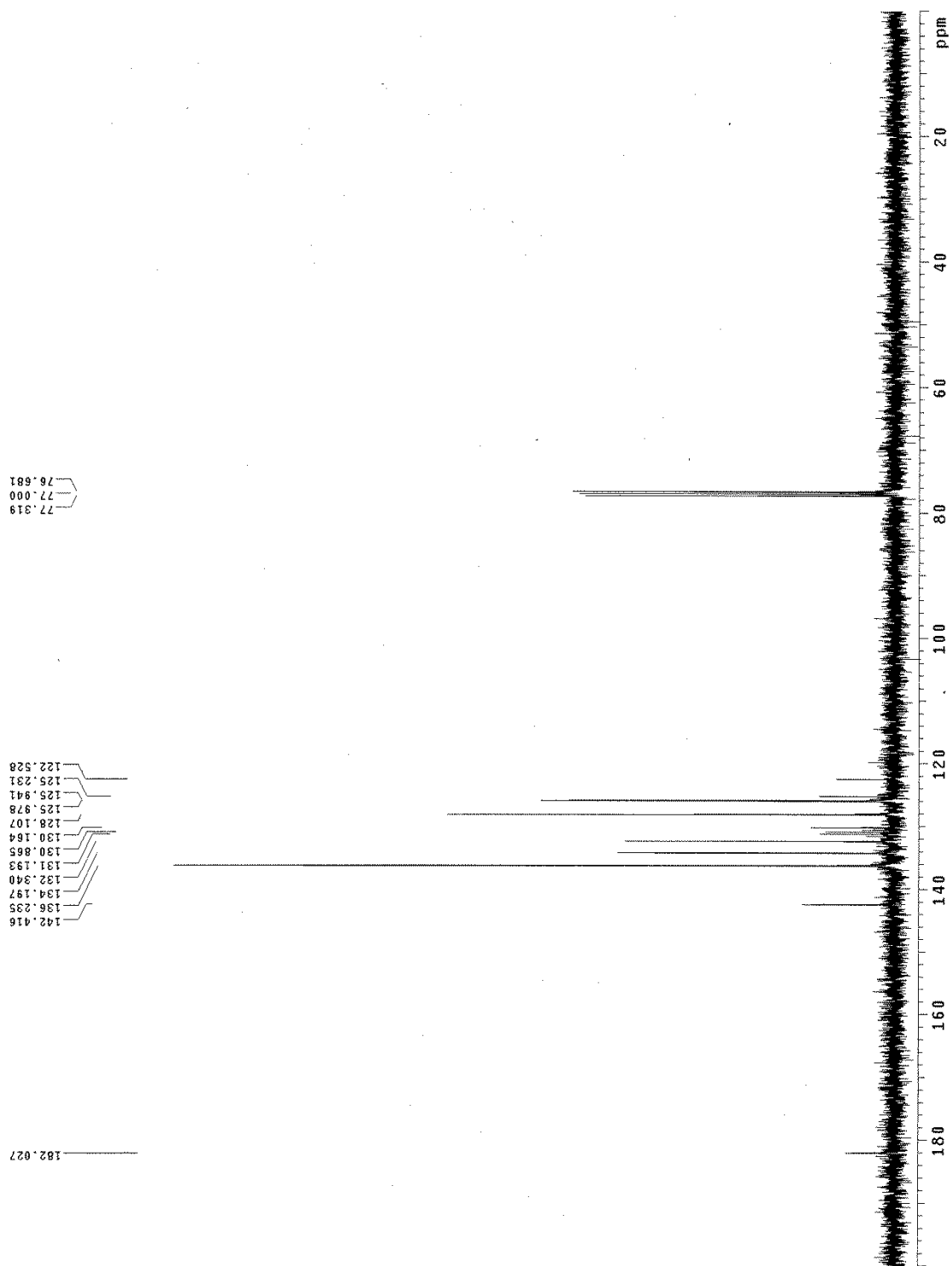
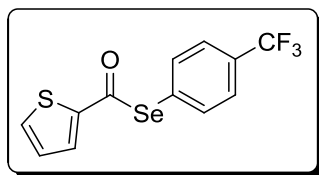
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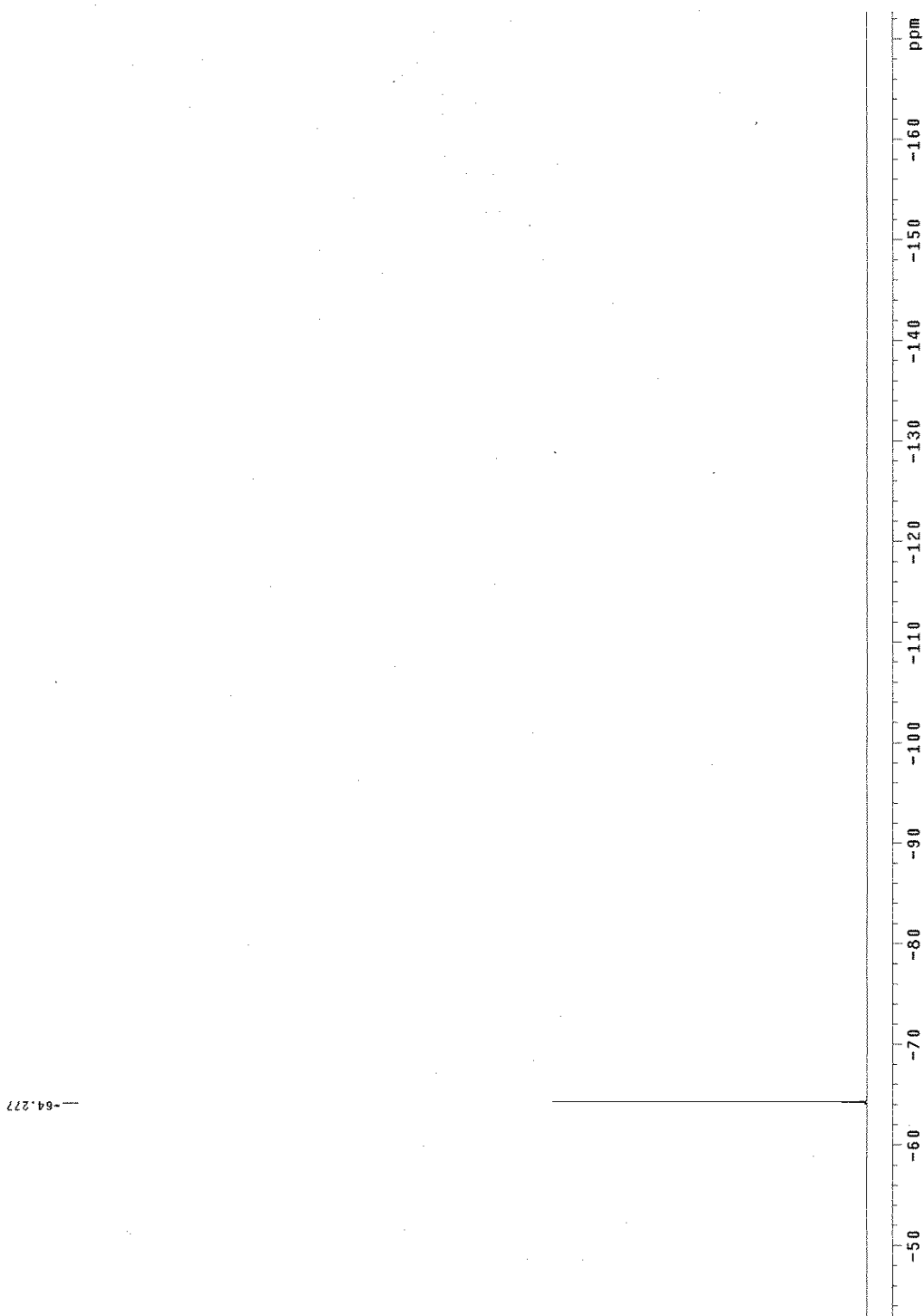
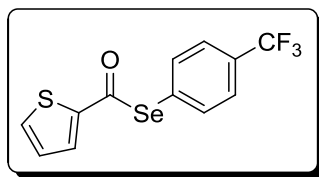
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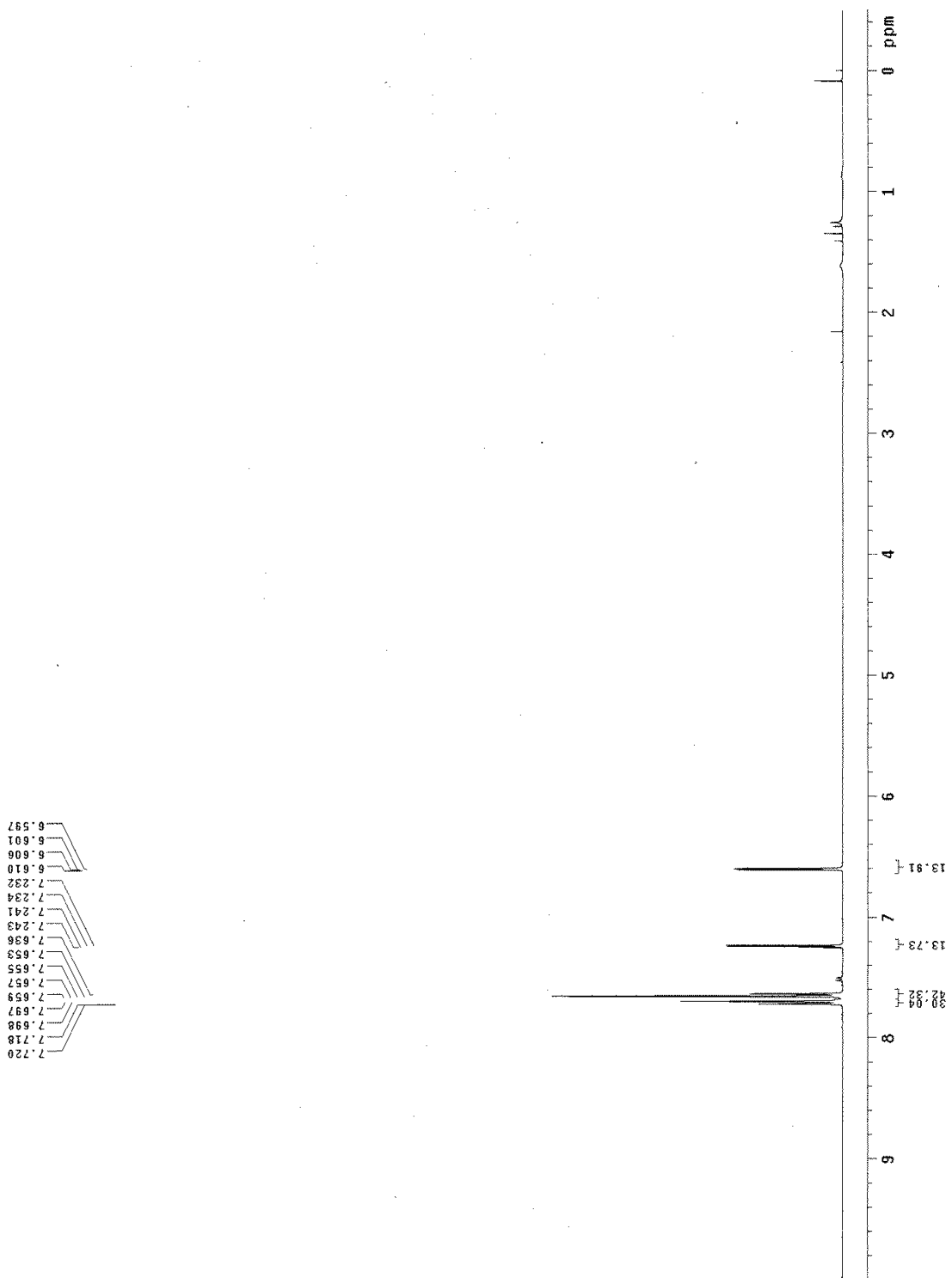
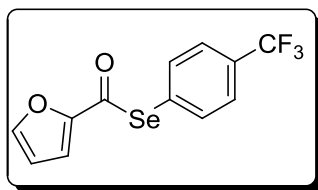
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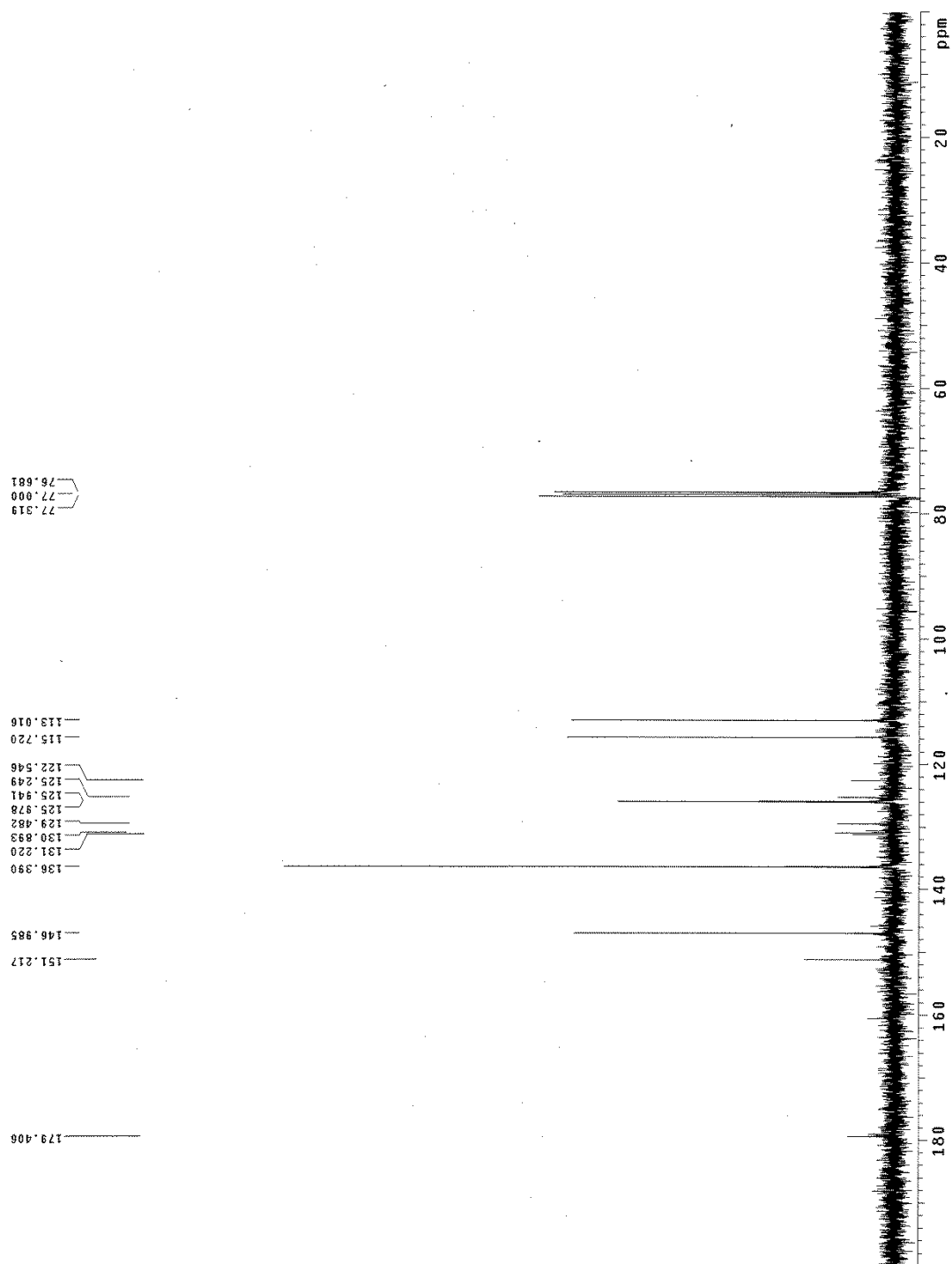
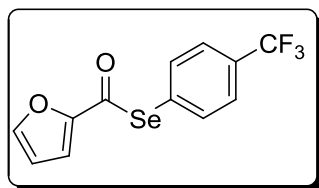
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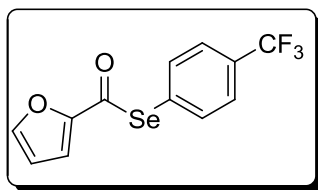
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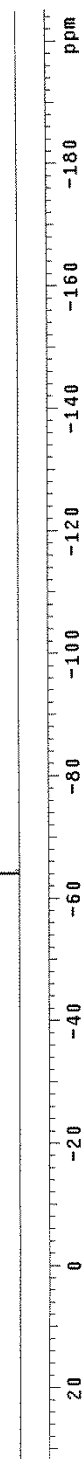
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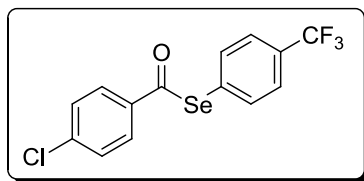
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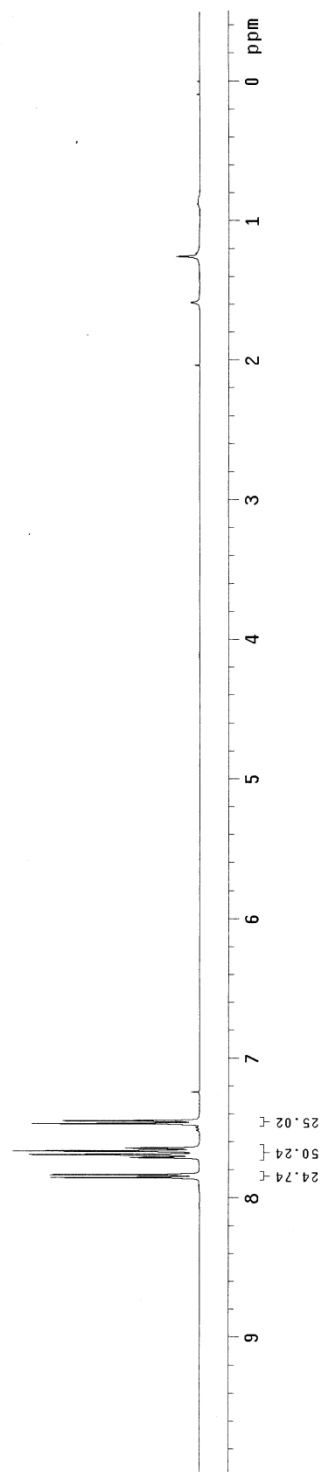
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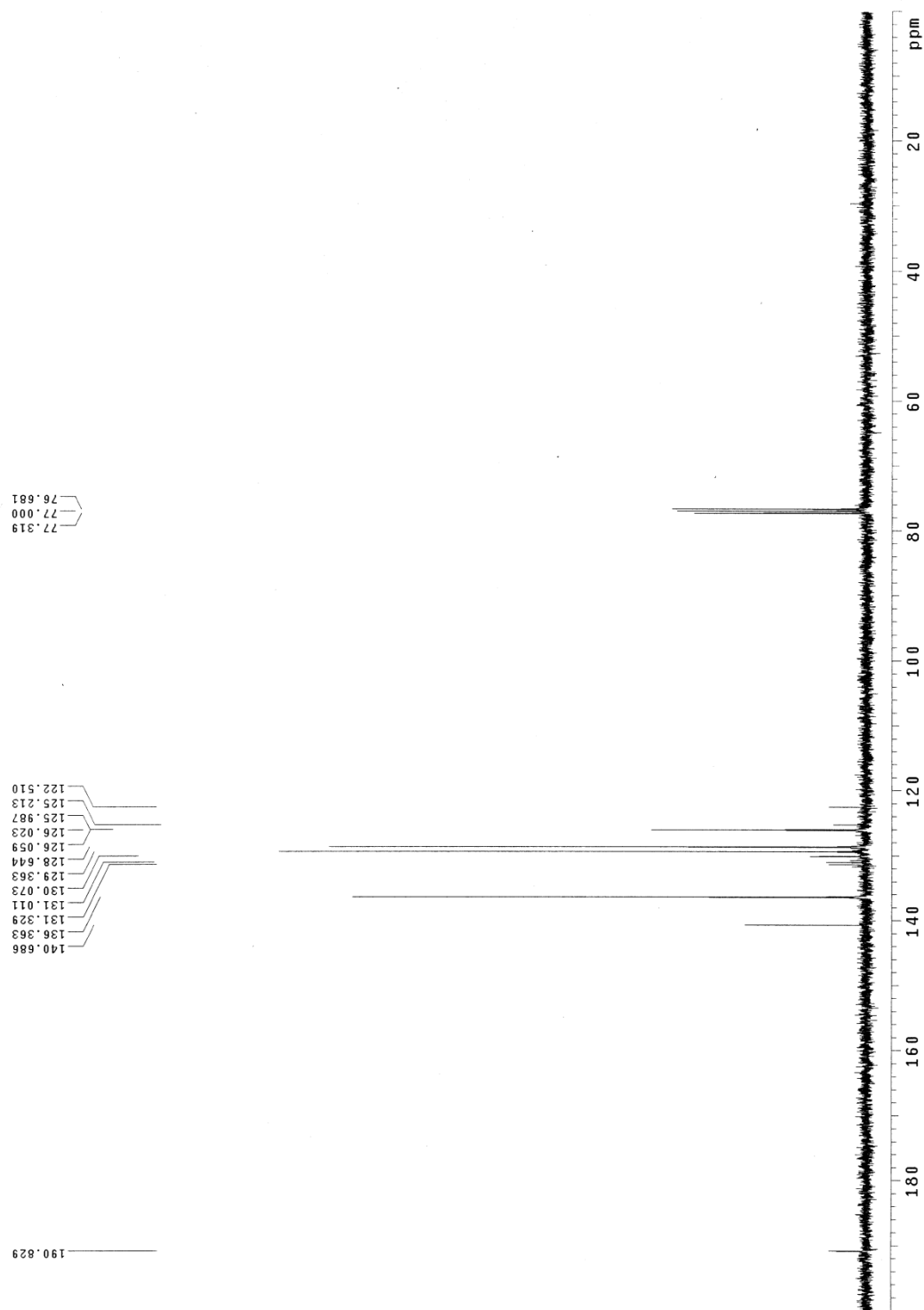
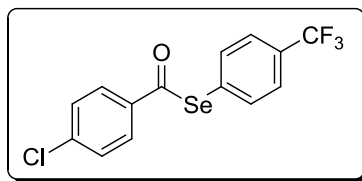
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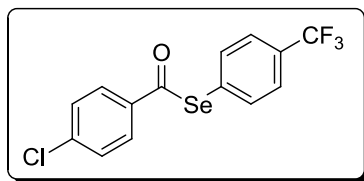
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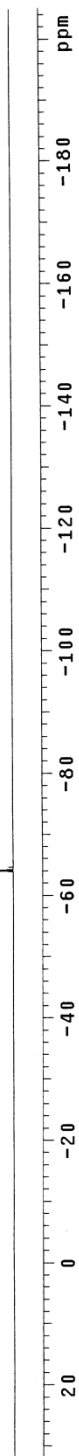
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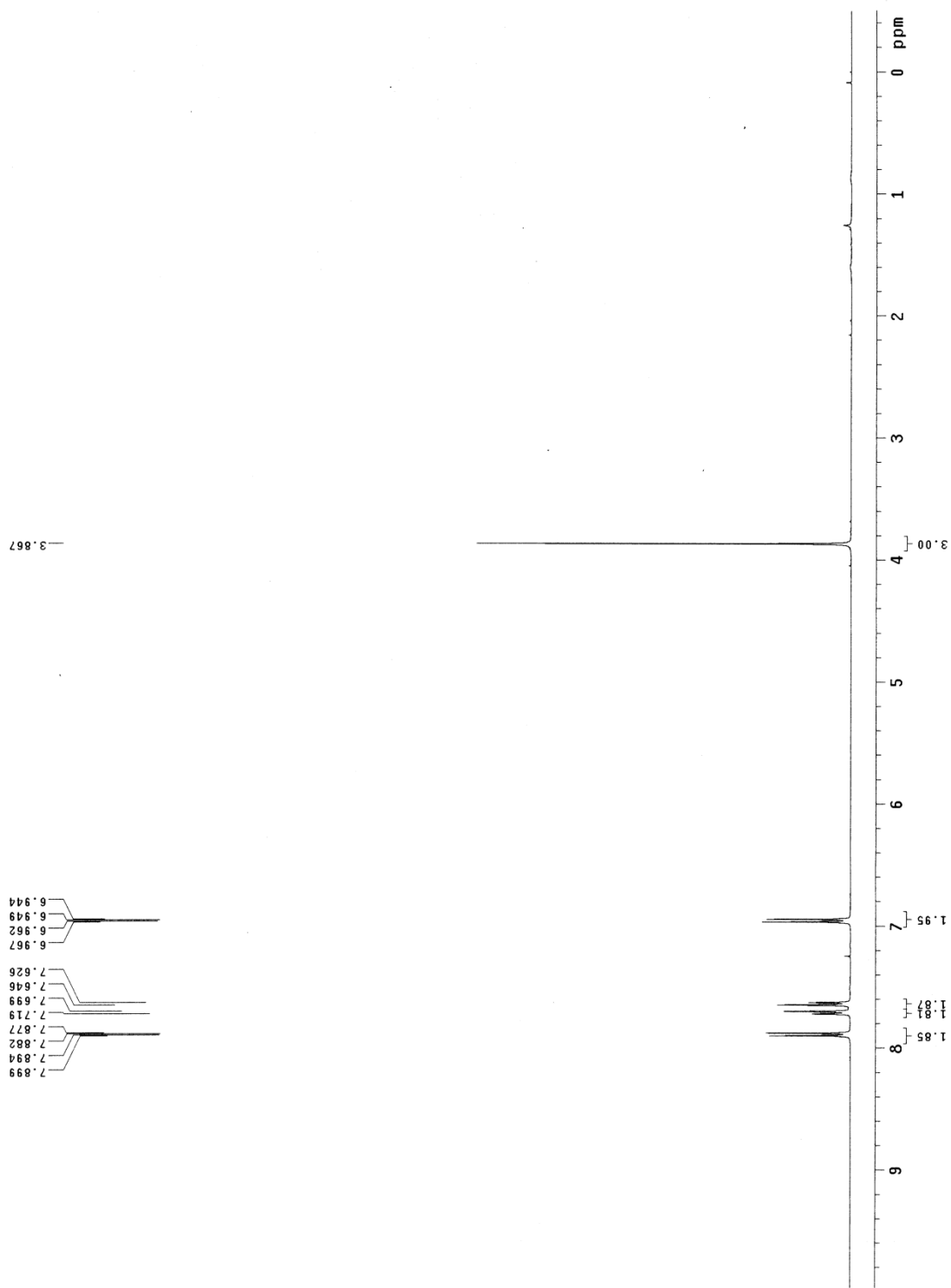
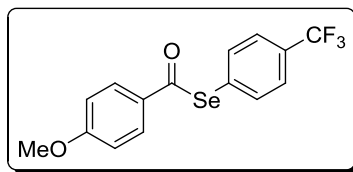
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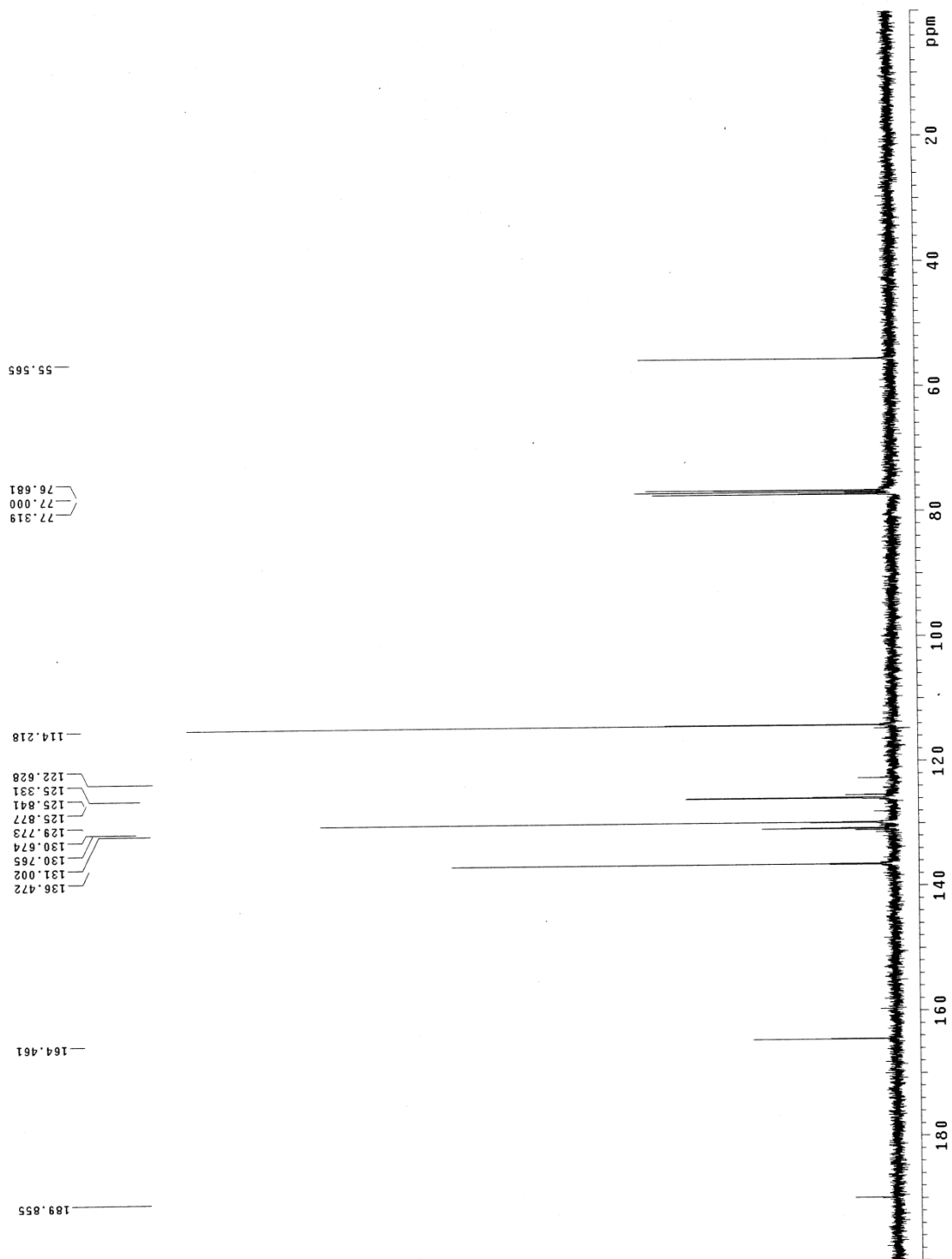
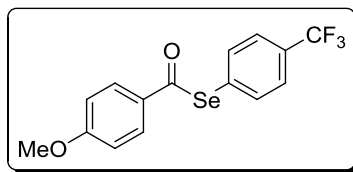
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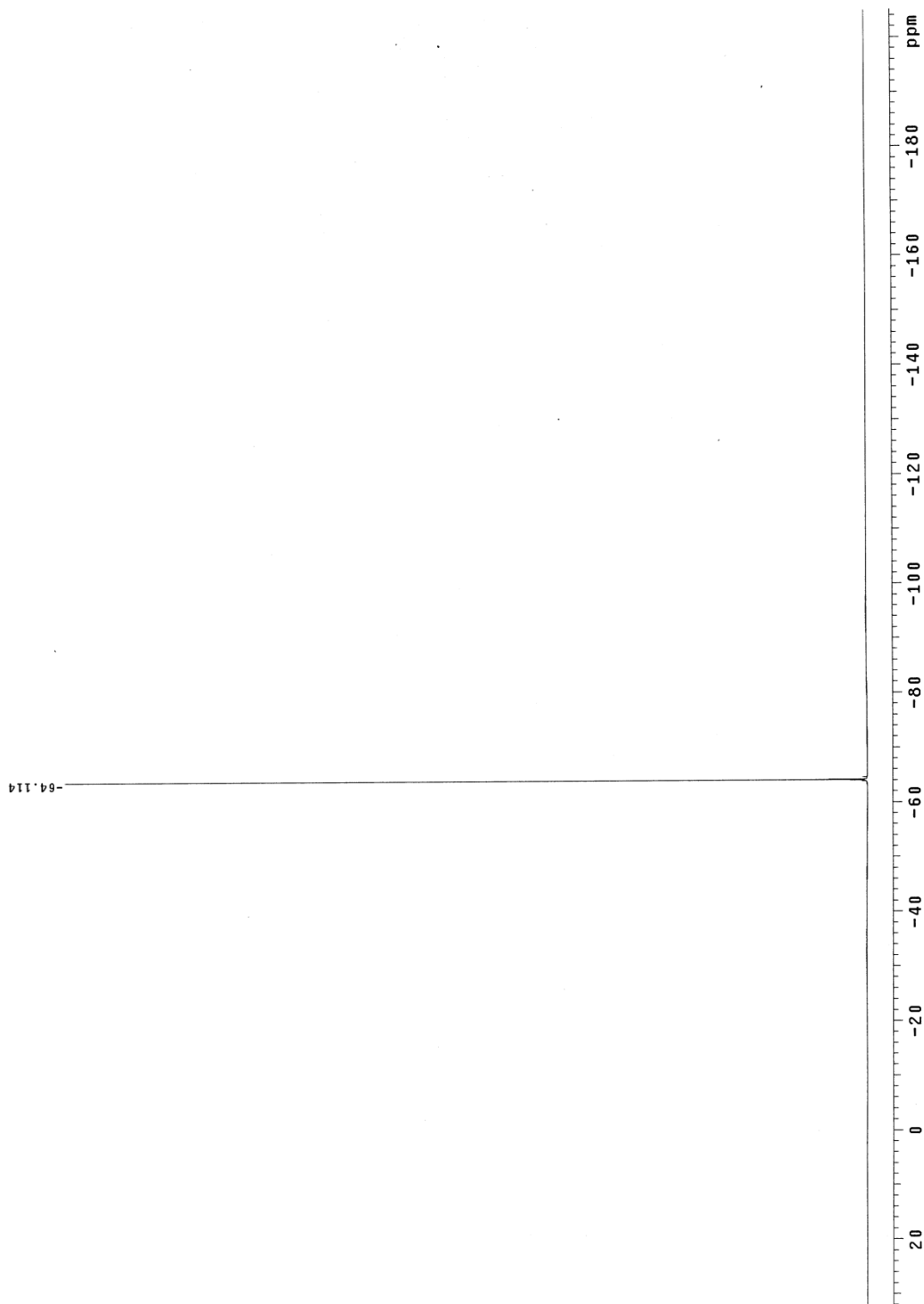
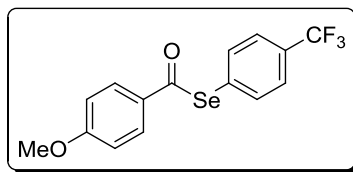
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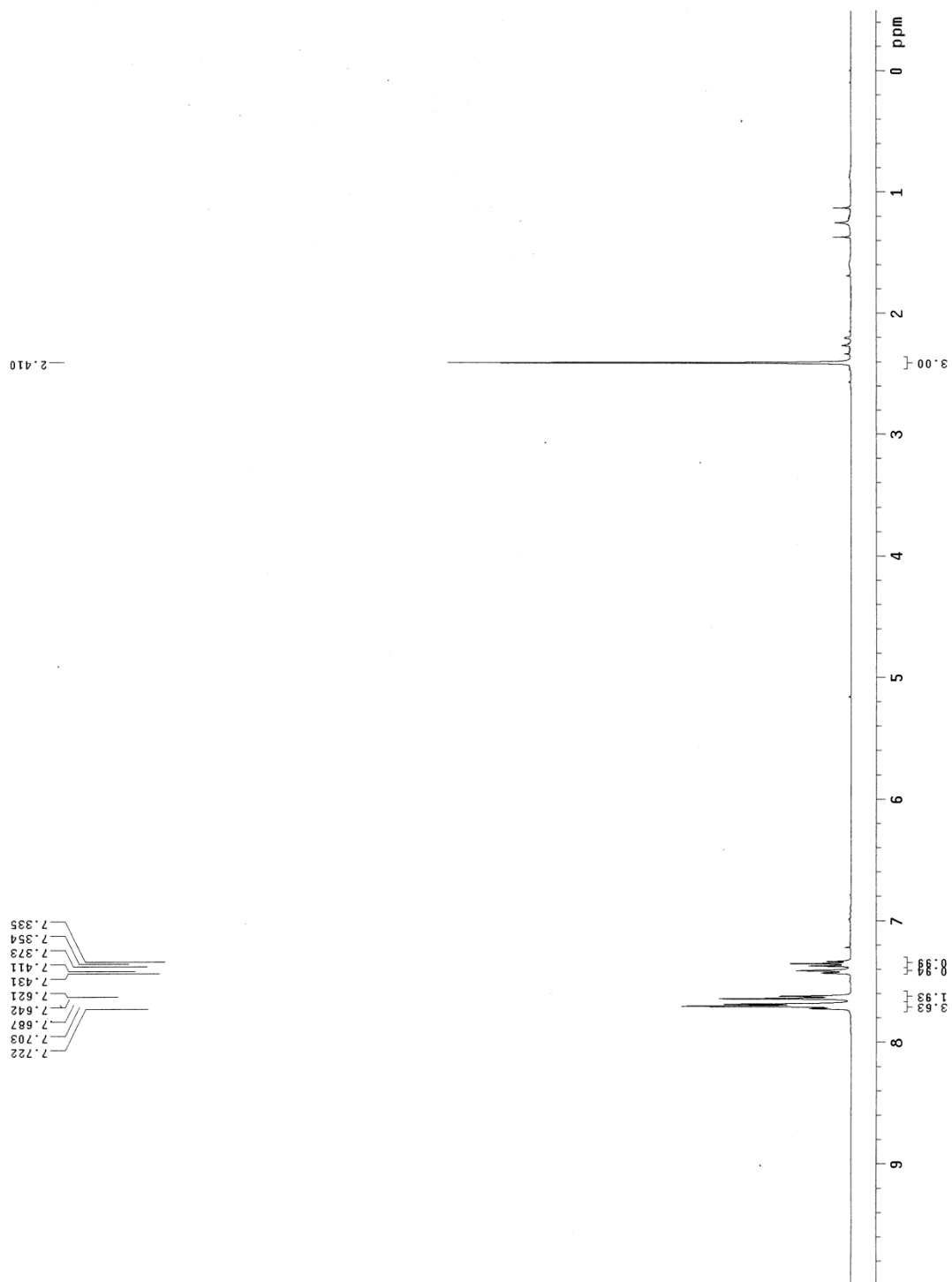
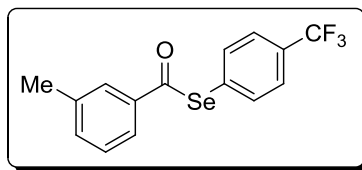
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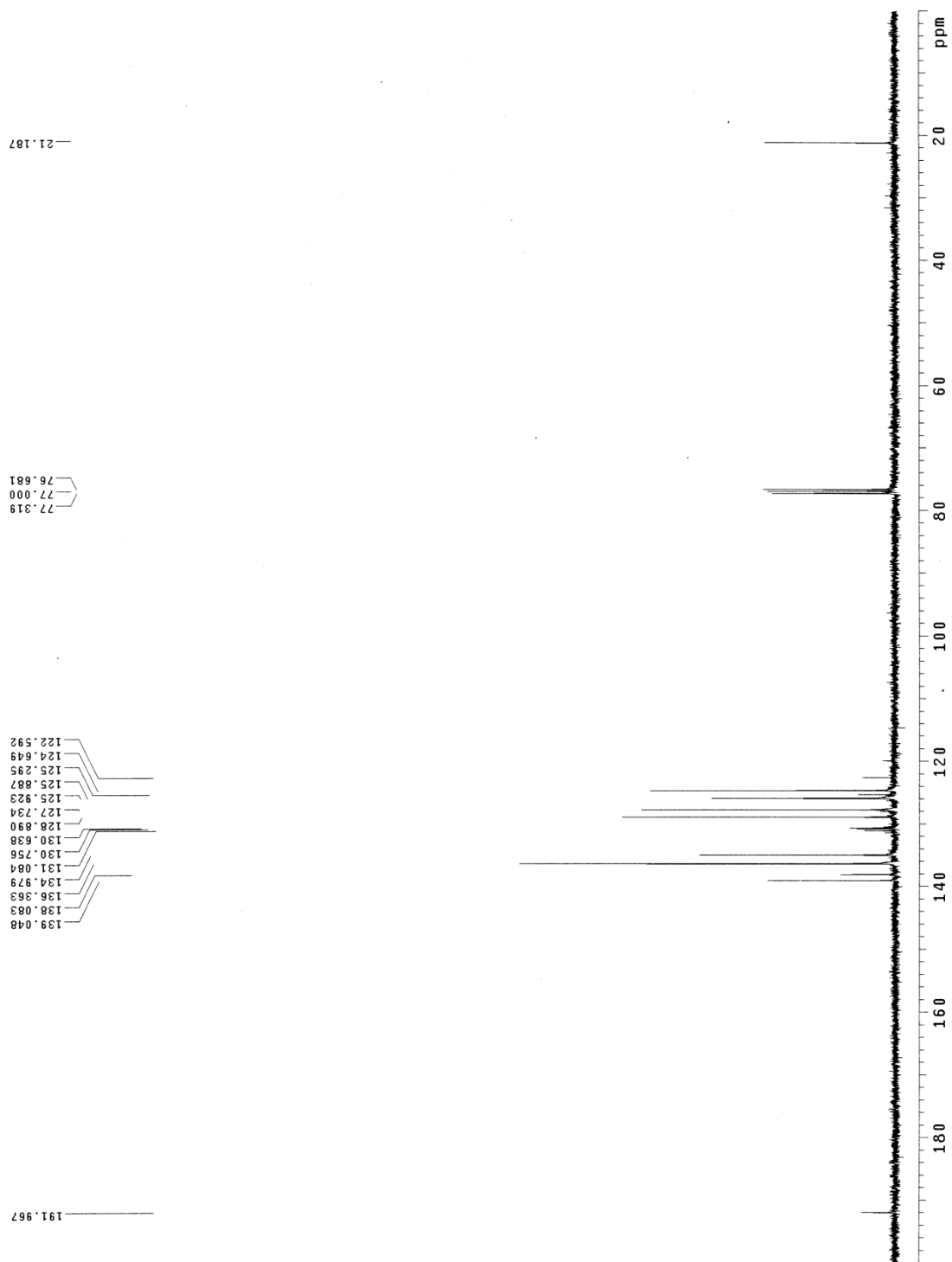
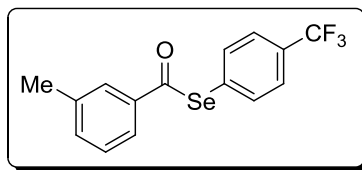
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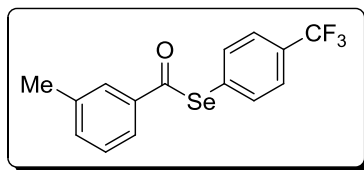
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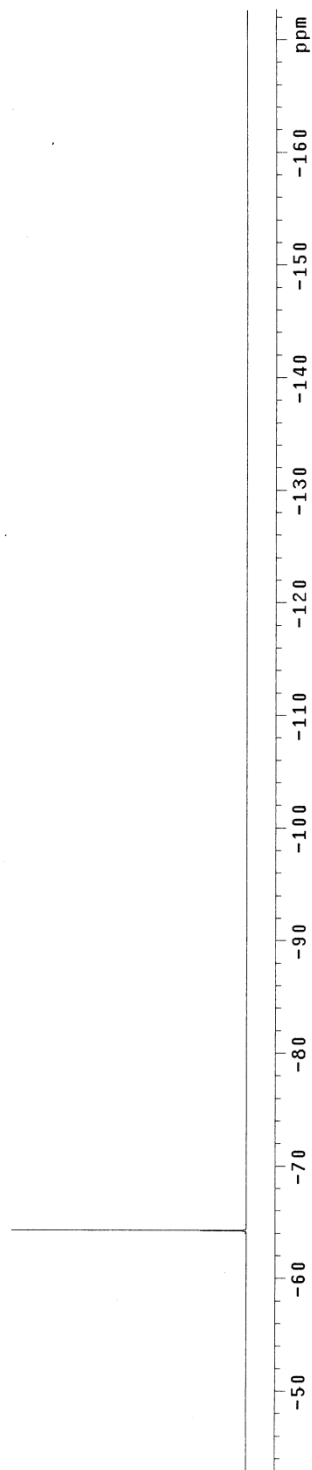
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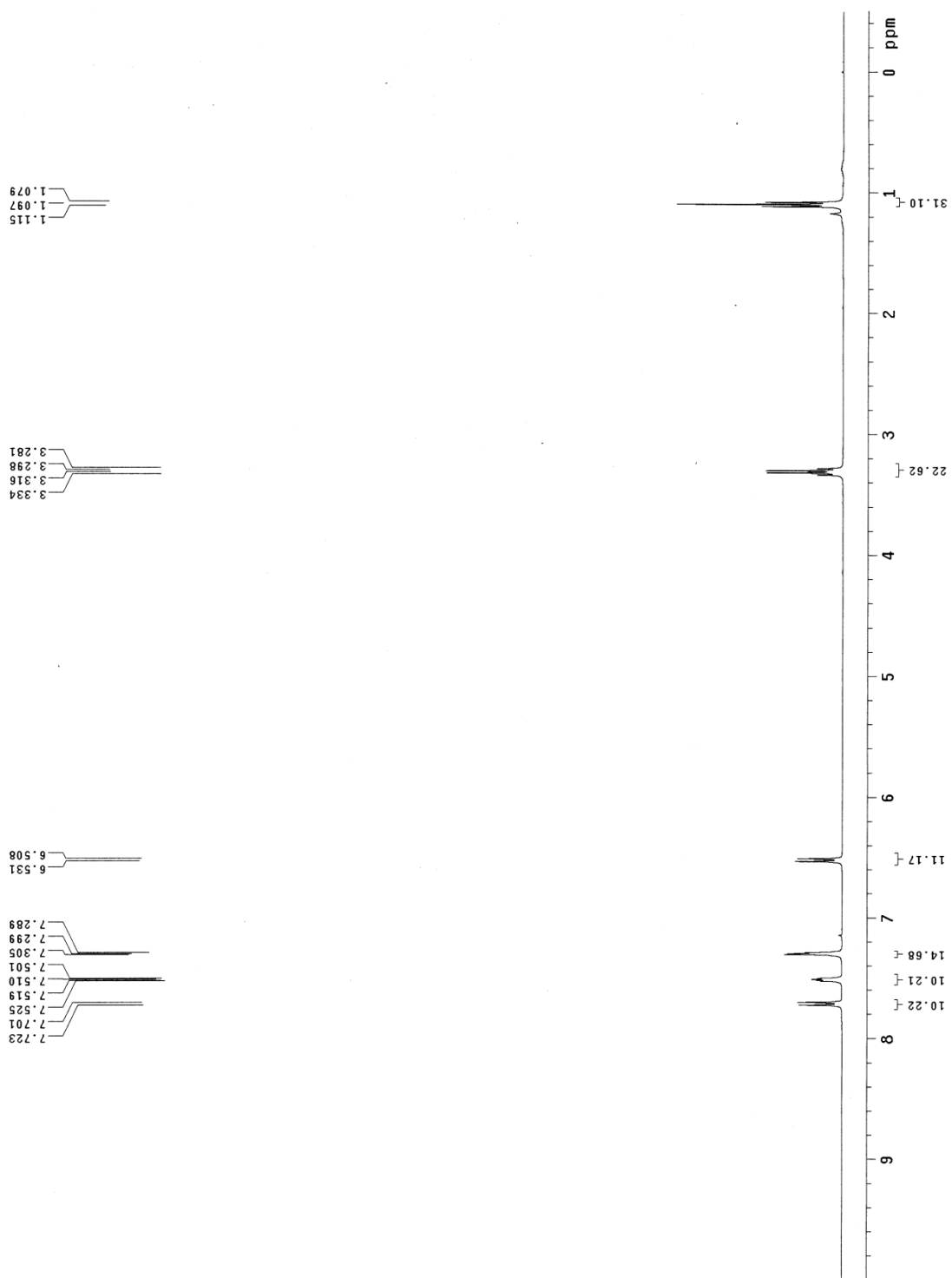
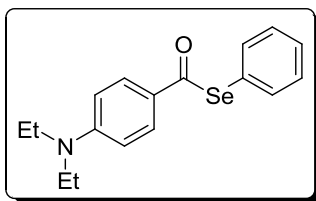
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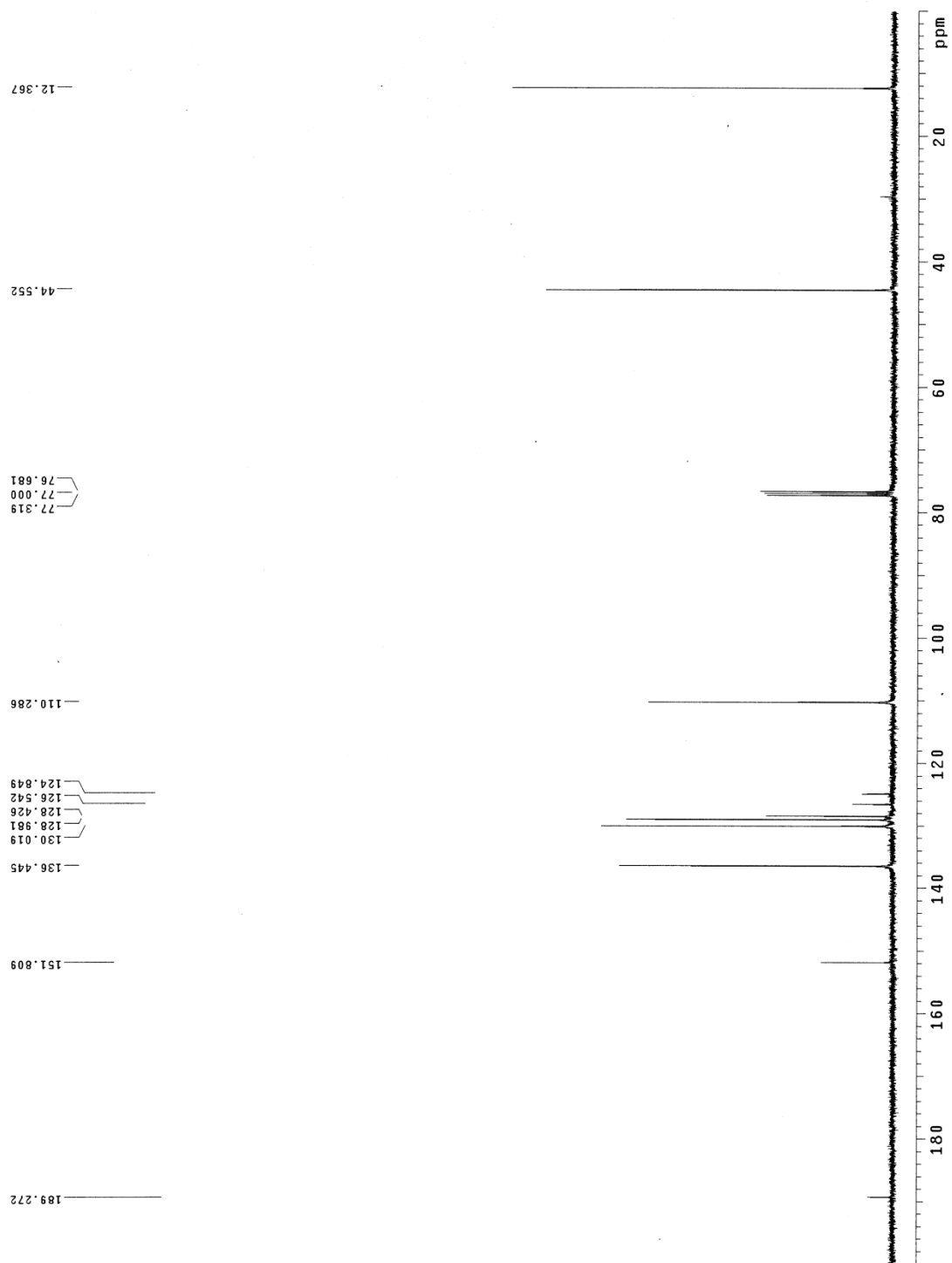
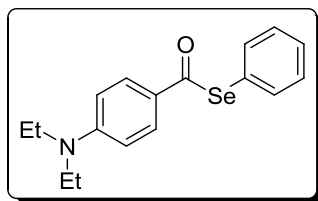
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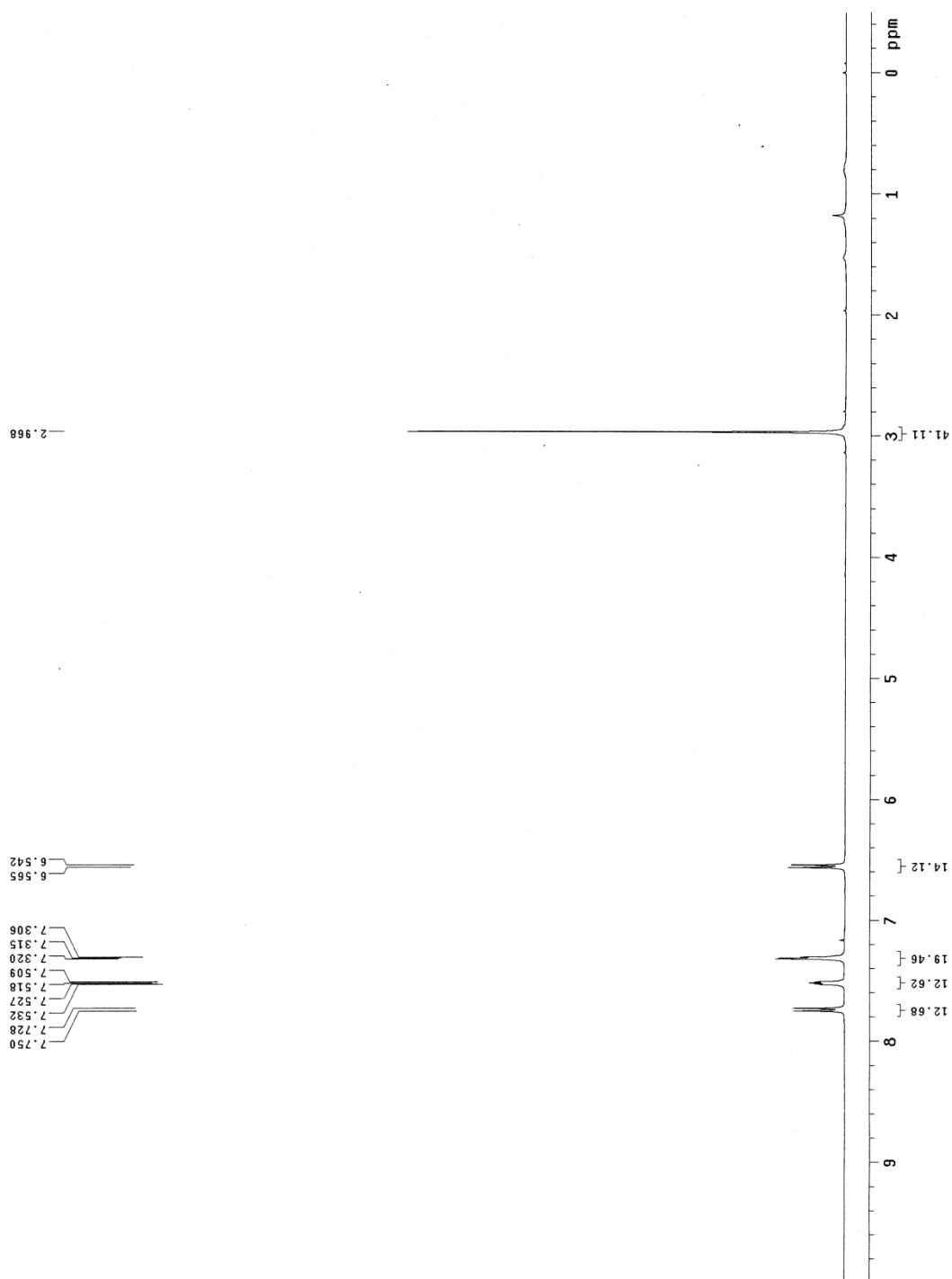
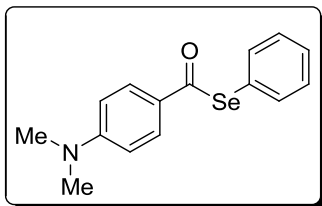
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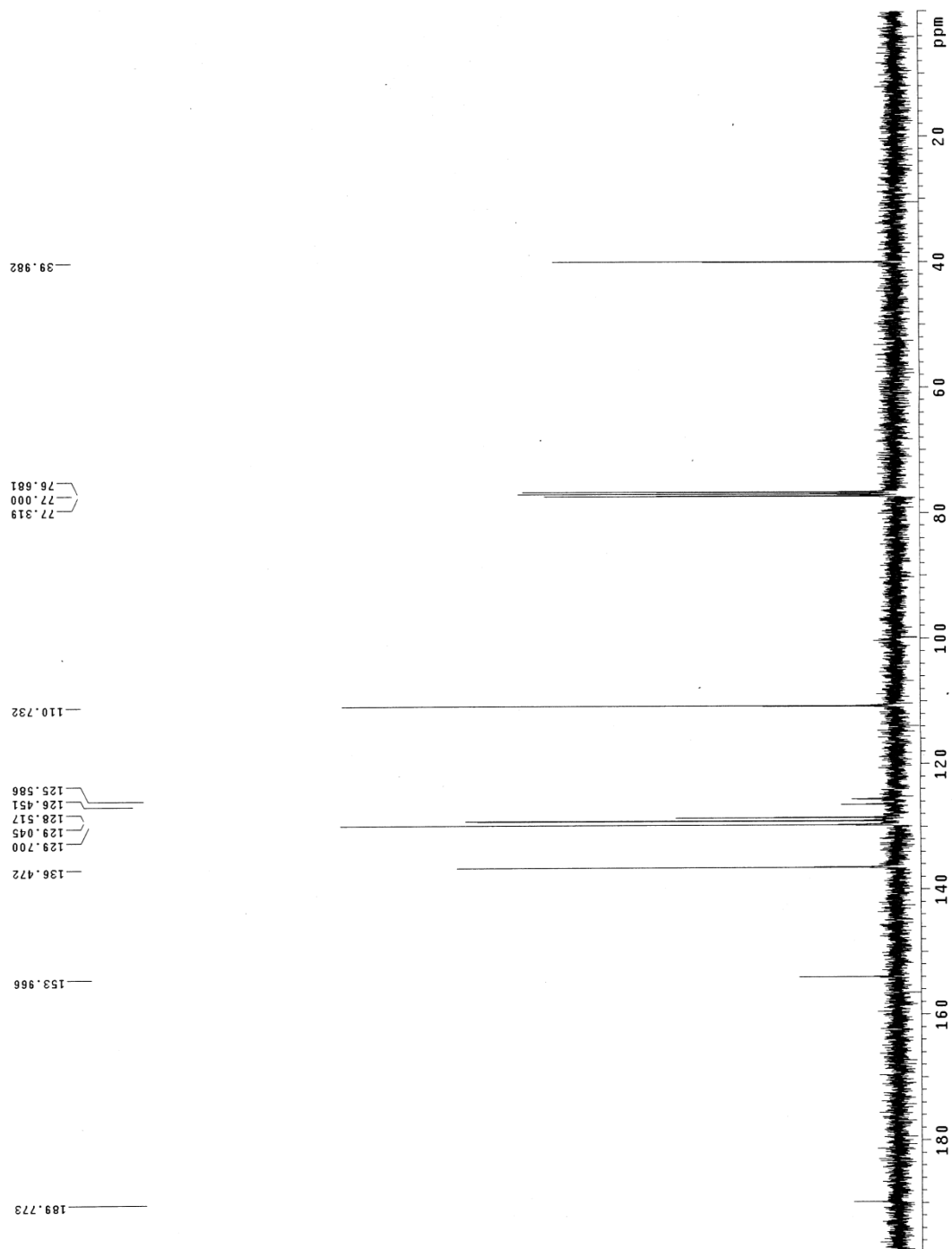
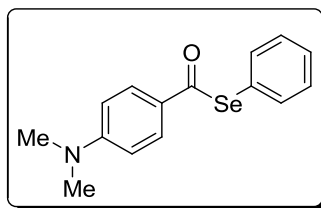
***Se*-Phenyl 4-(diethylamino)benzoselenoate (3m)**



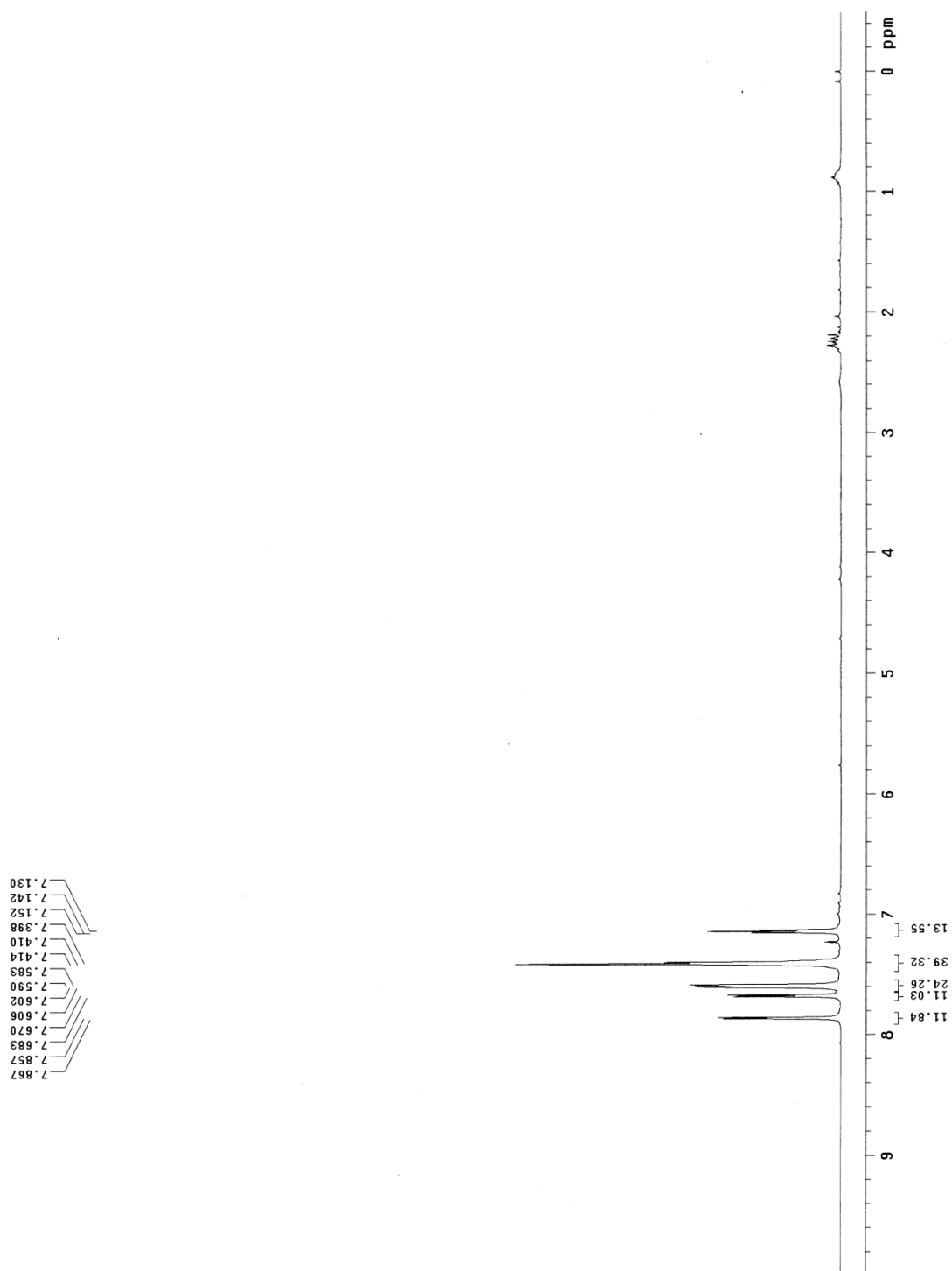
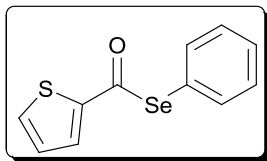
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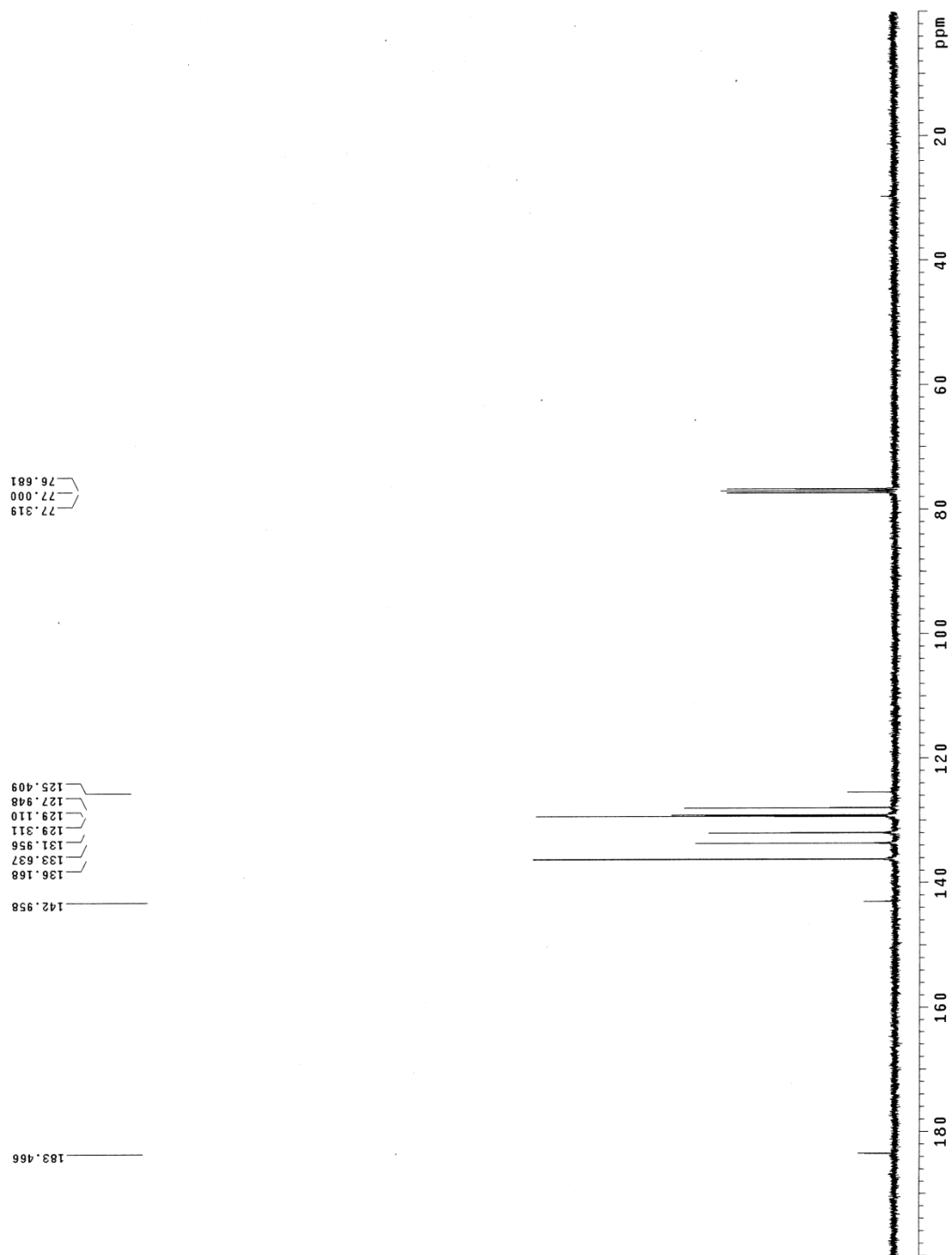
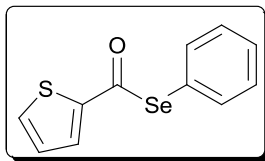
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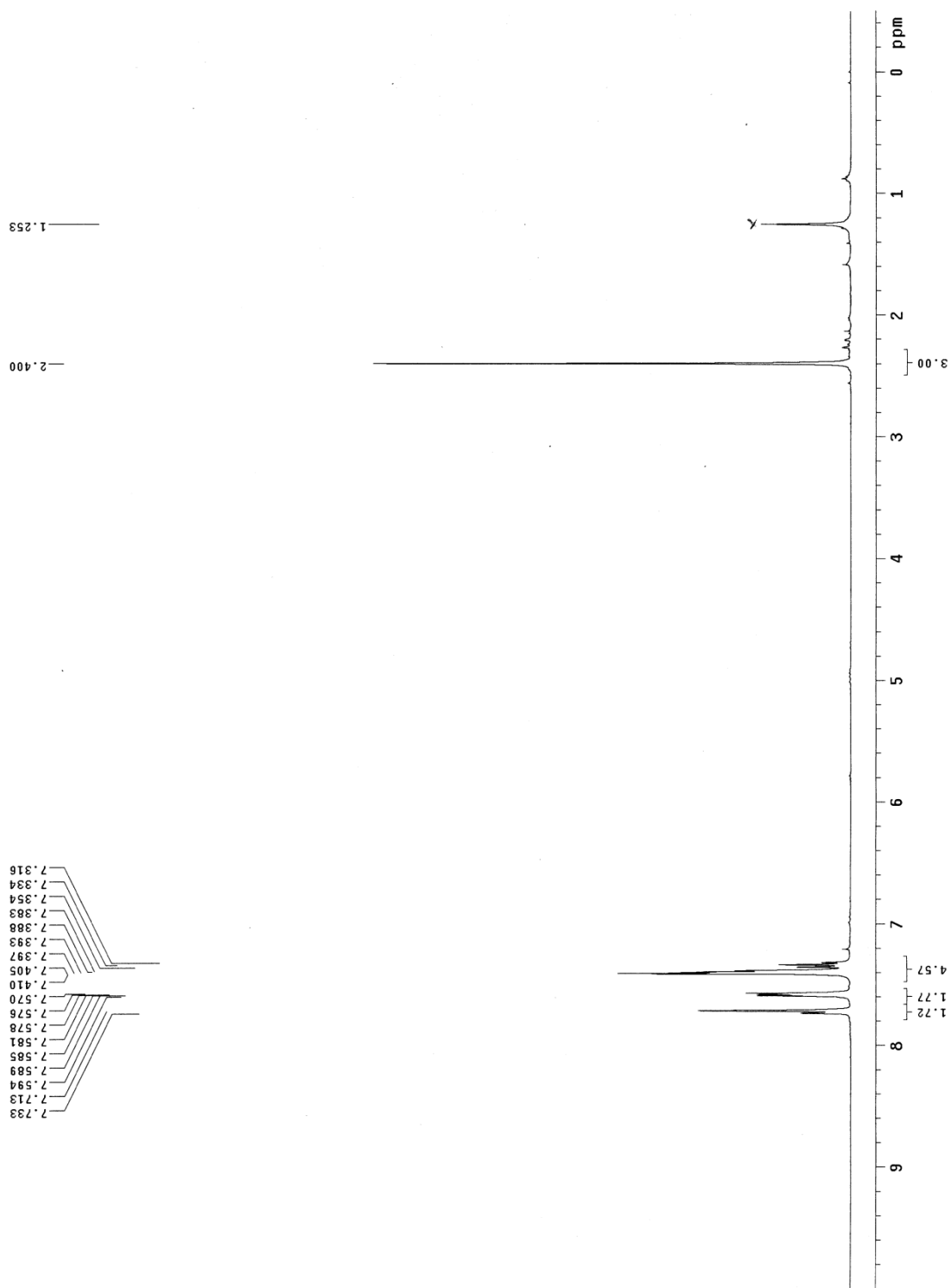
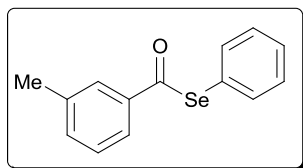
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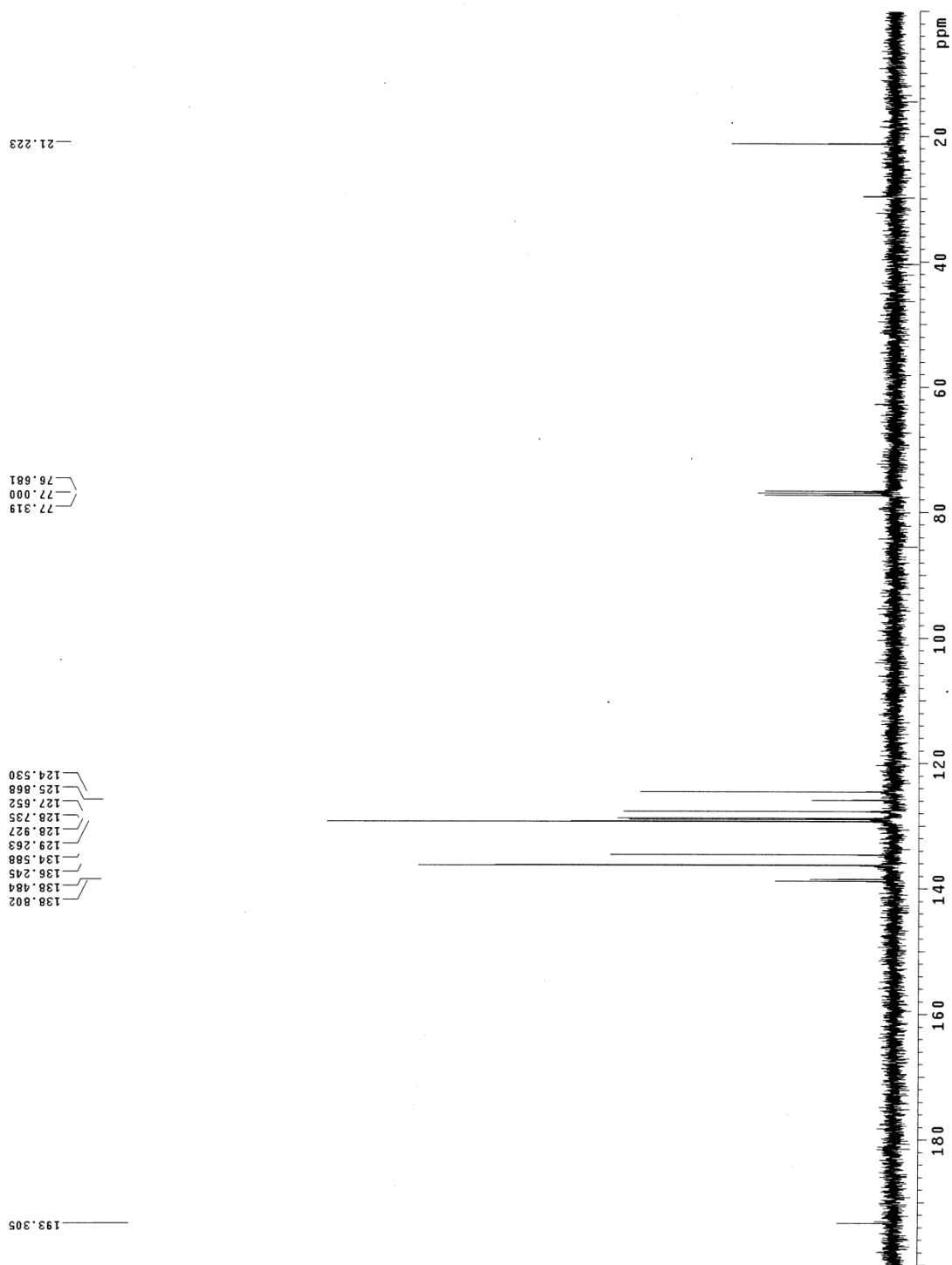
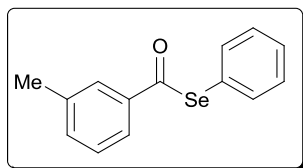
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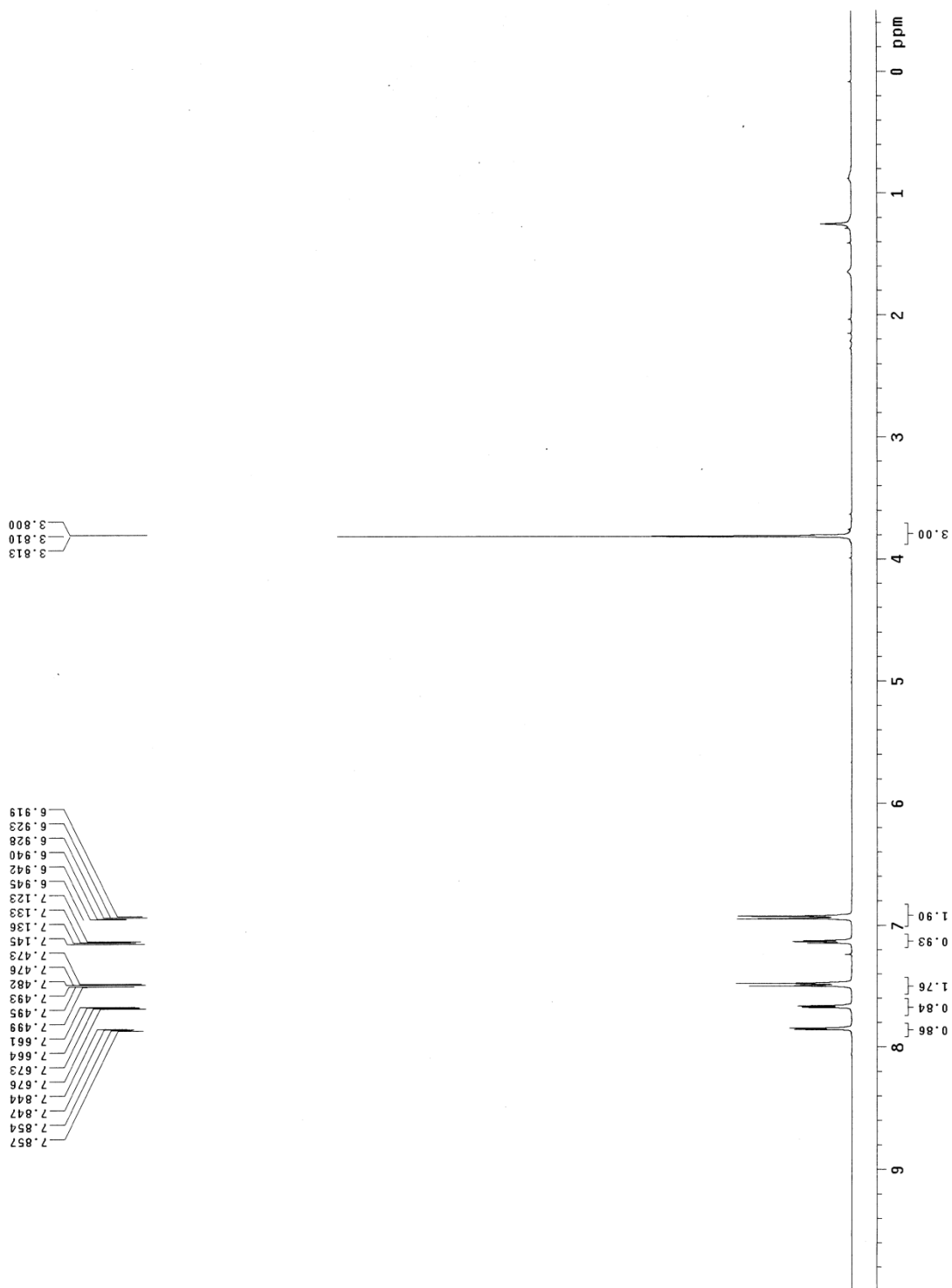
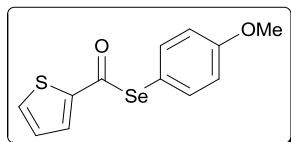
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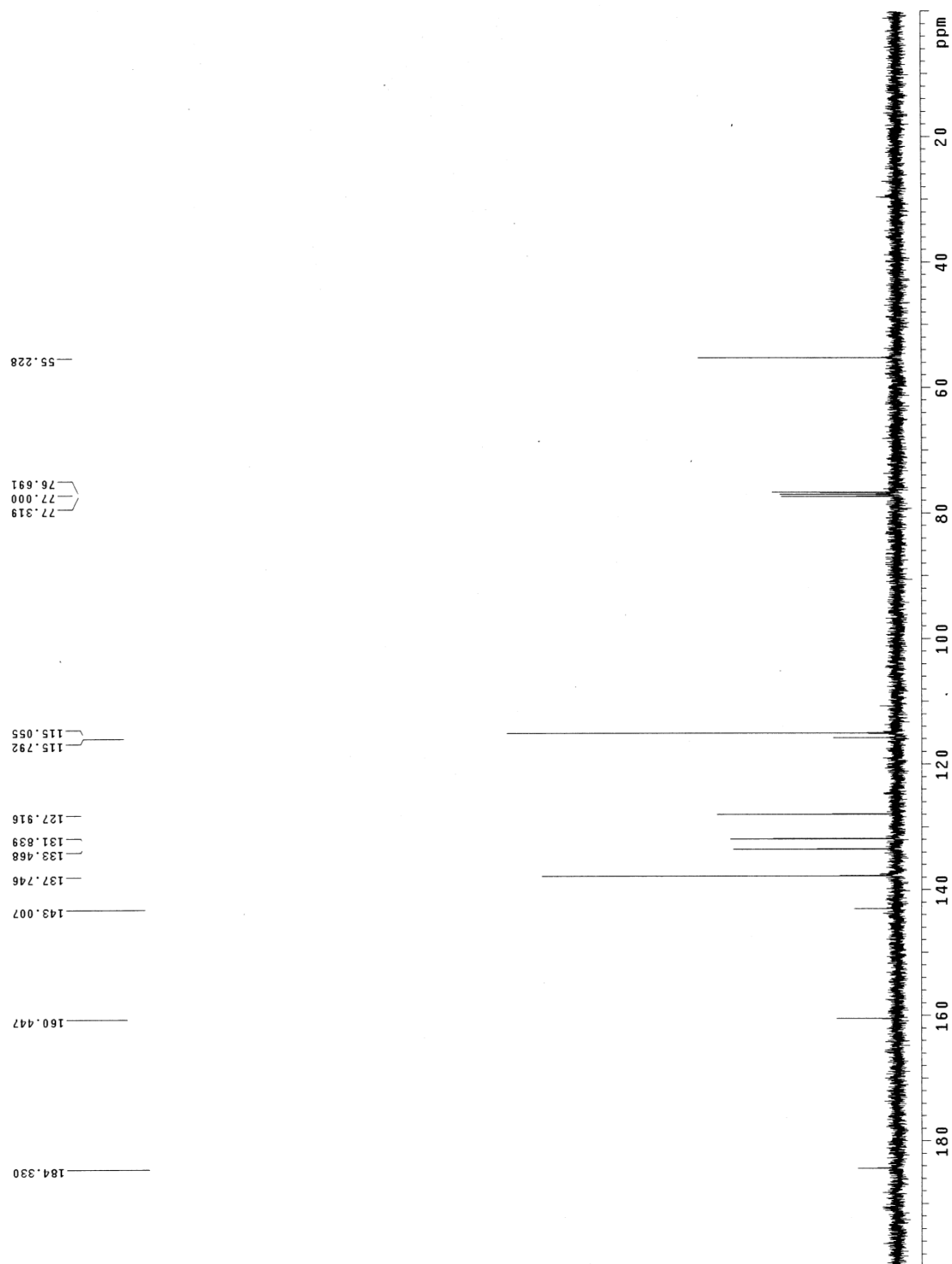
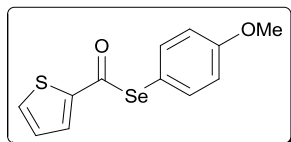
Se-Phenyl 3-methylbenzoselenoate (3p)



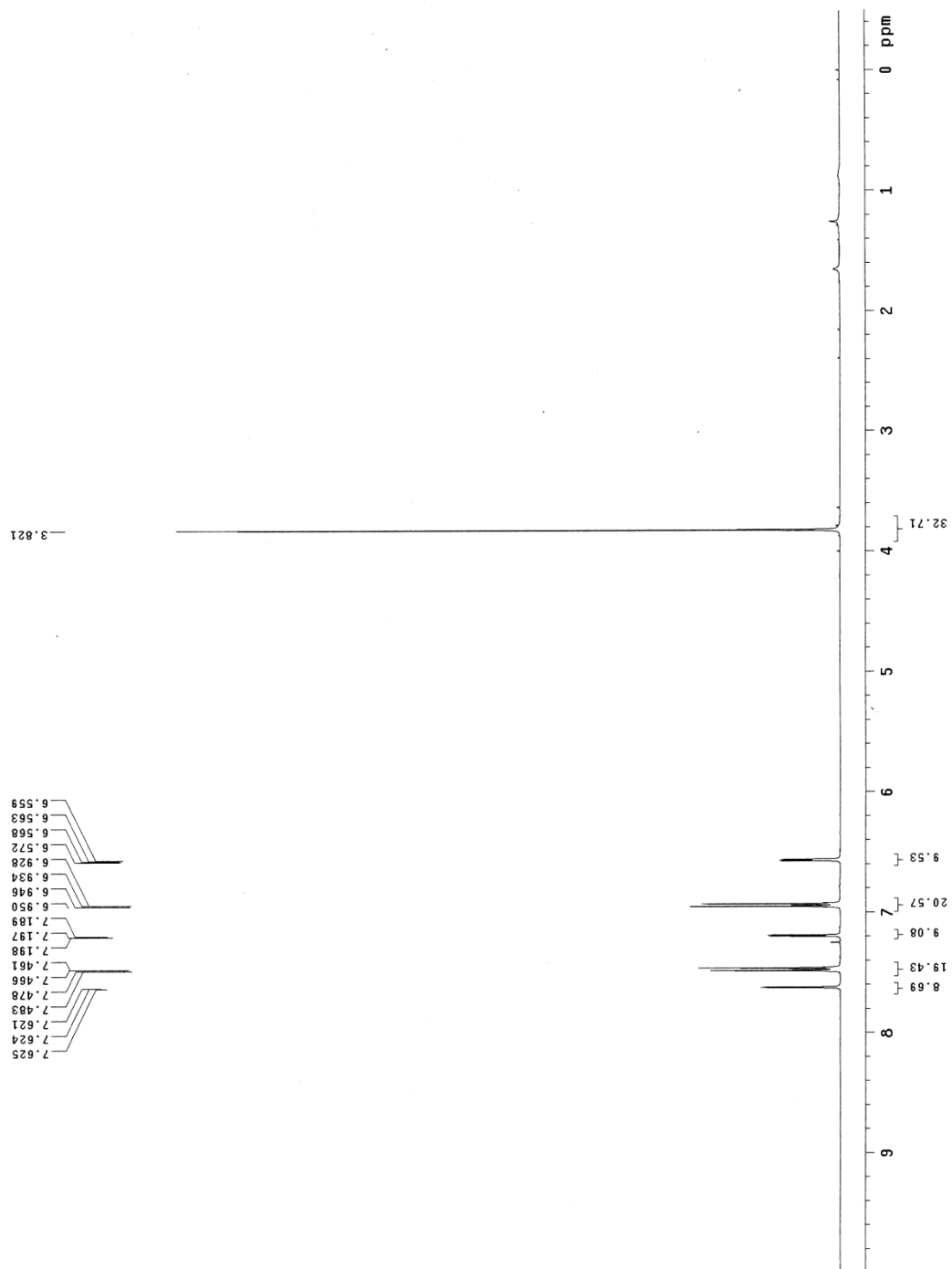
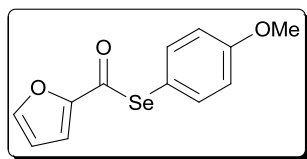
***Se*-4-Methoxyphenyl thiophene-2-carboselenoate (3q)**



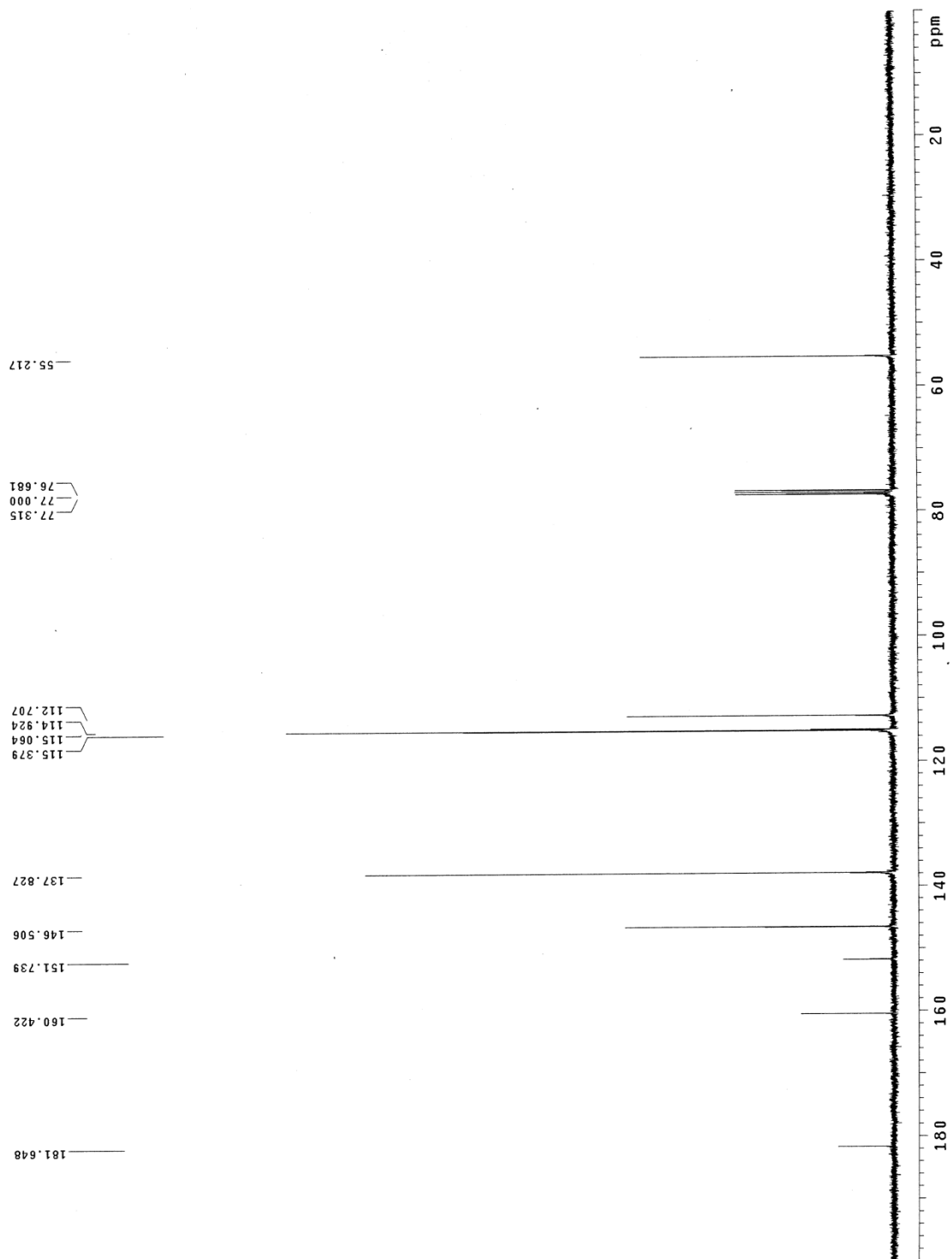
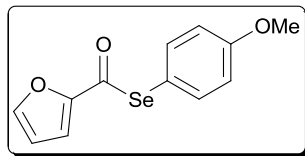
***Se*-4-Methoxyphenyl thiophene-2-carboselenoate (3q)**



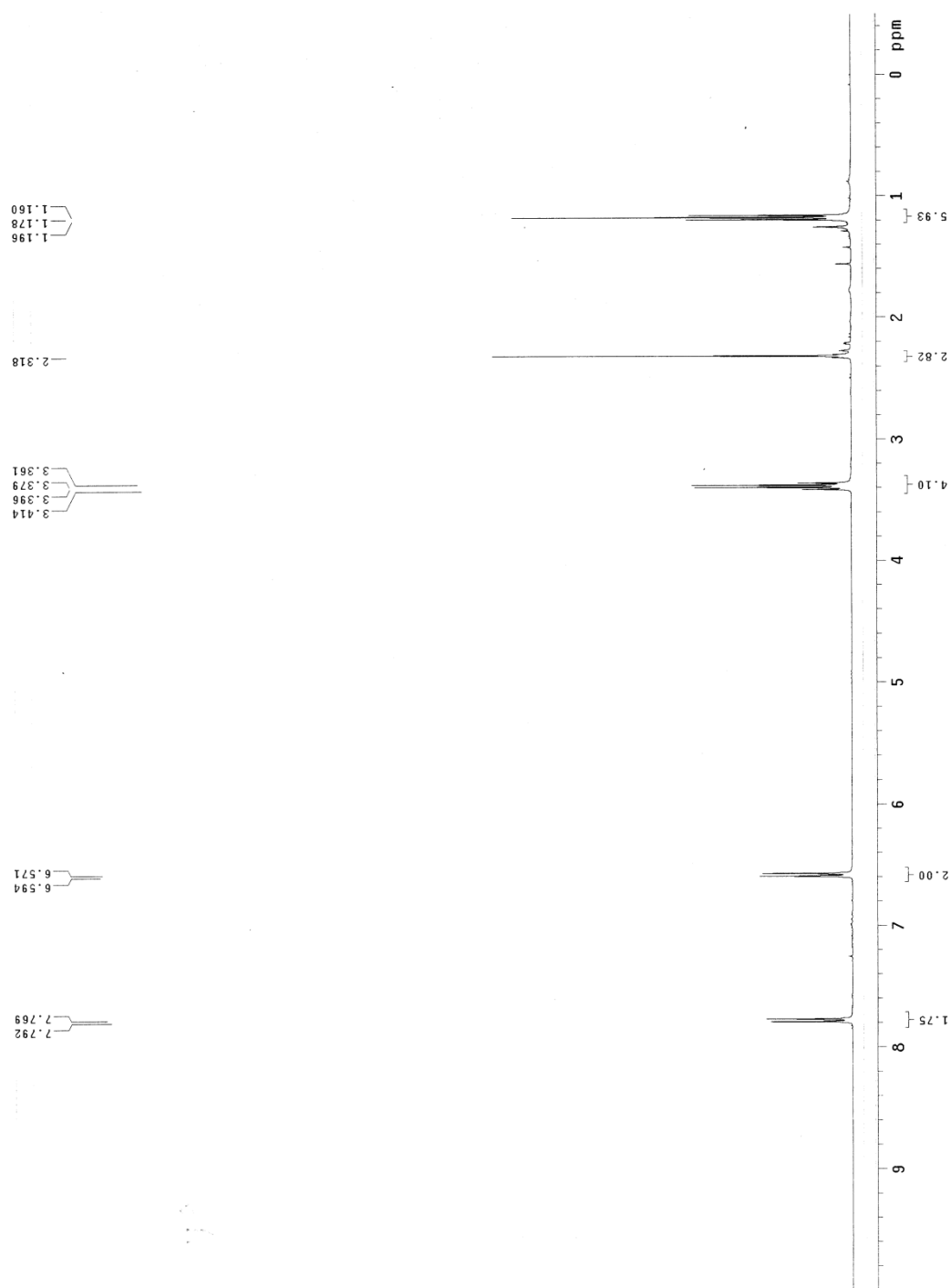
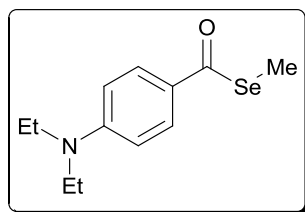
***Se*-4-Methoxyphenyl furan-2-carboselenoate (3r)**



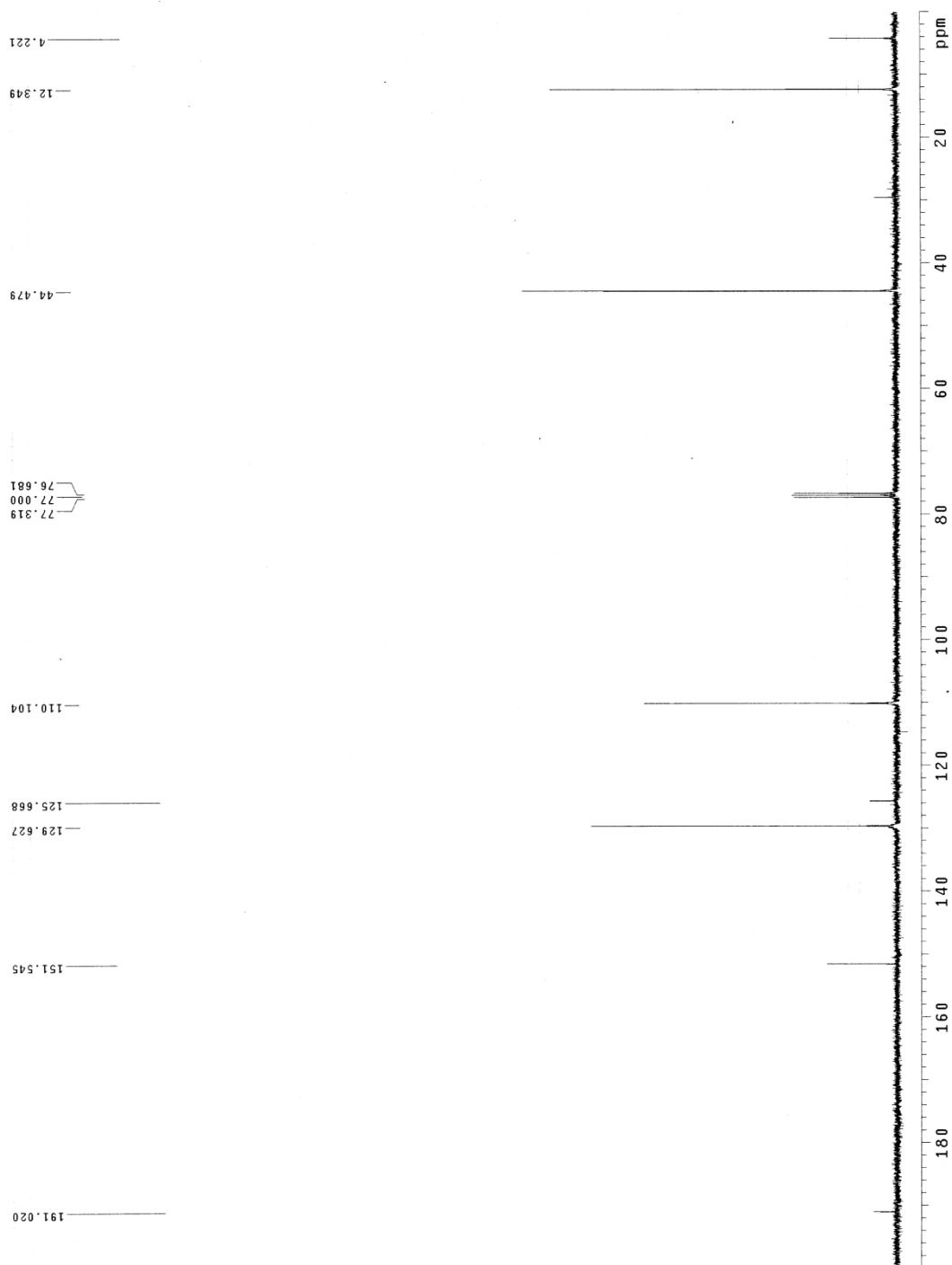
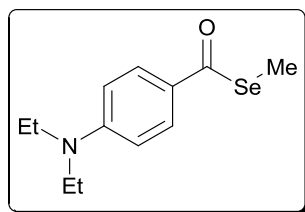
***Se*-4-Methoxyphenyl furan-2-carboselenoate (3r)**



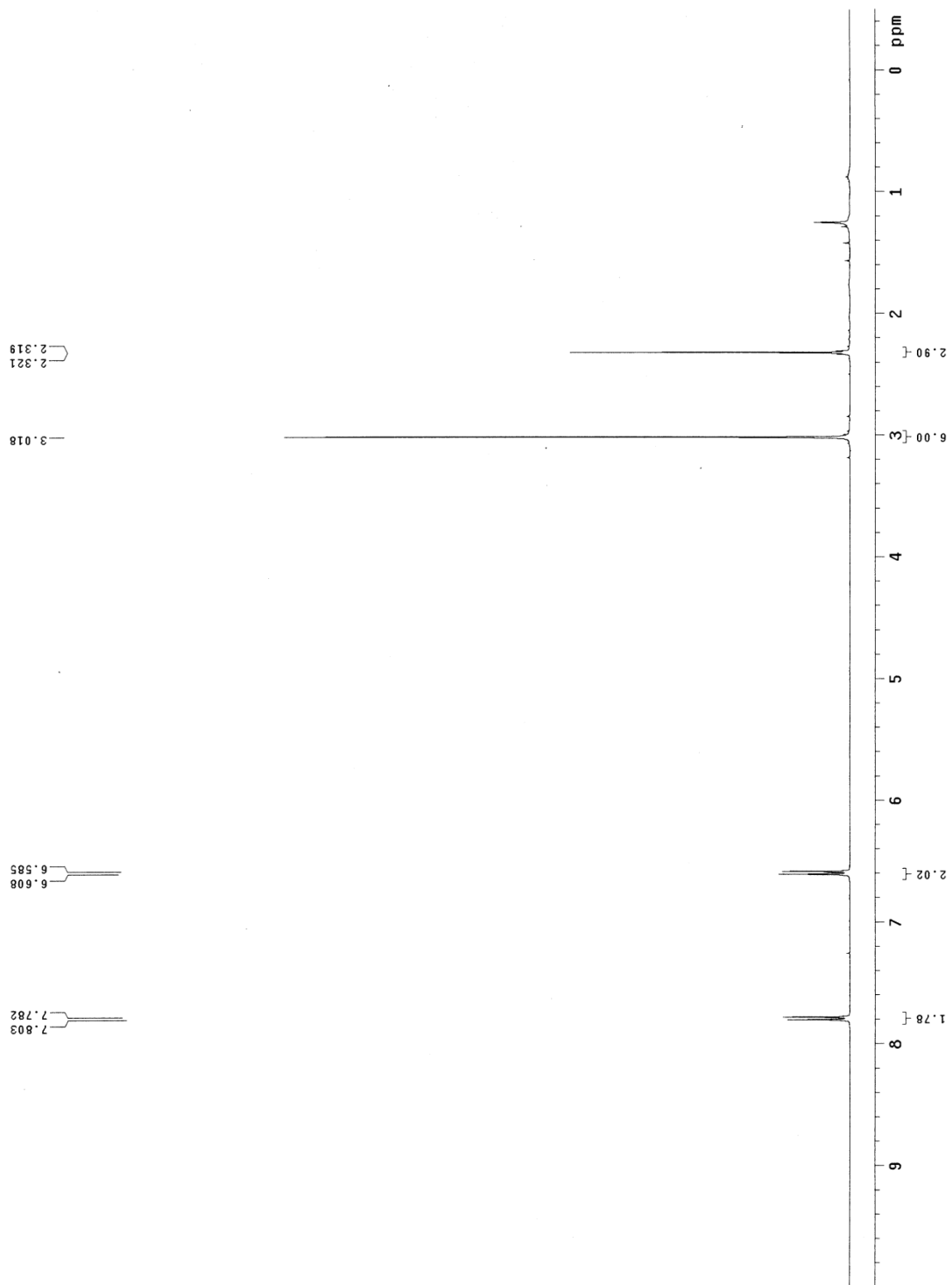
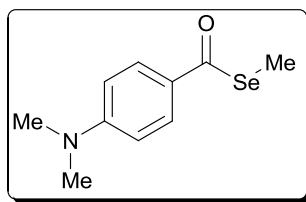
***Se*-Methyl 4-(diethylamino)benzoselenoate (4a)**



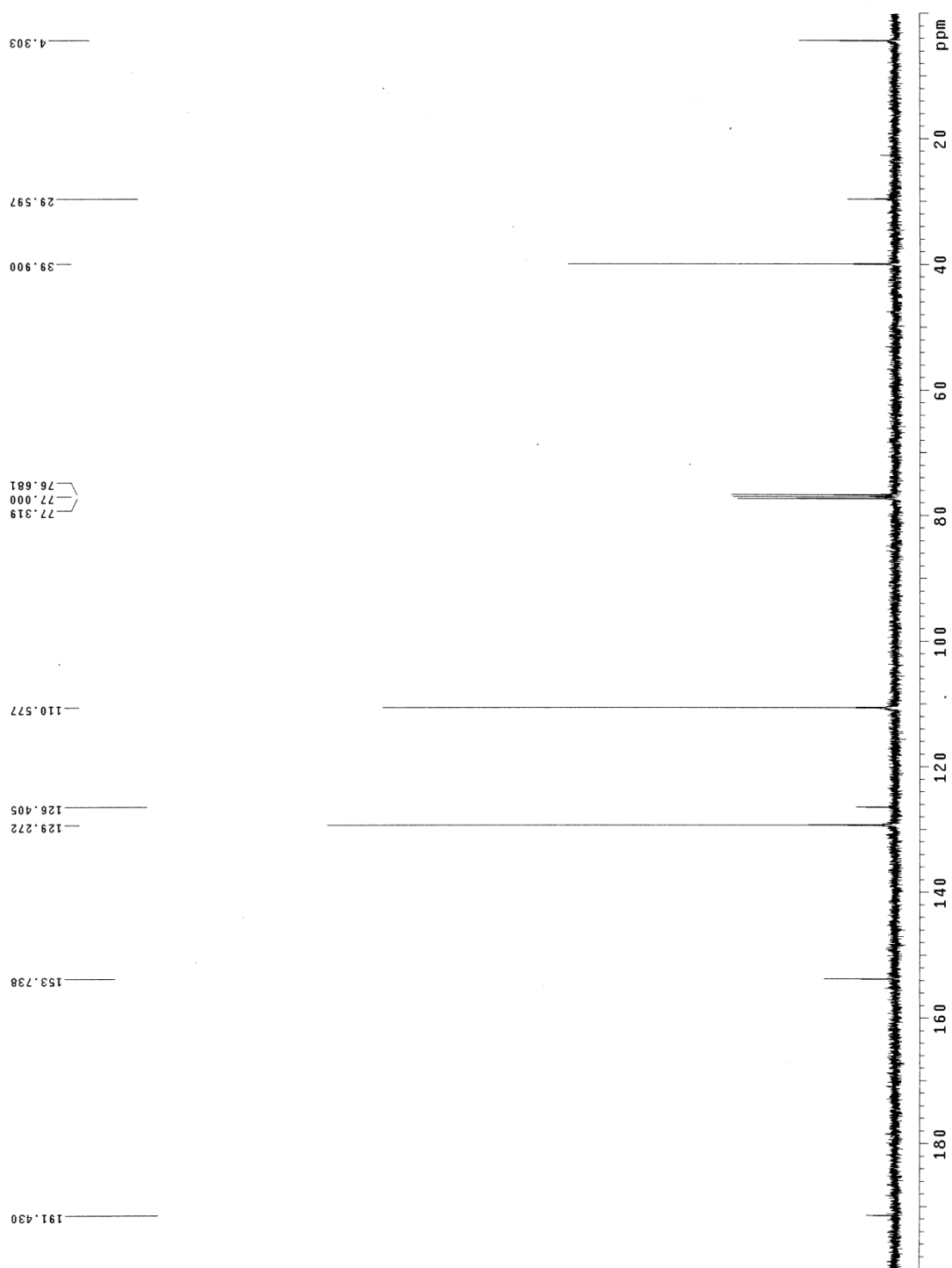
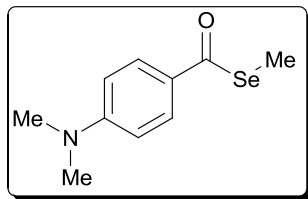
***Se*-Methyl 4-(diethylamino)benzoselenoate (4a)**



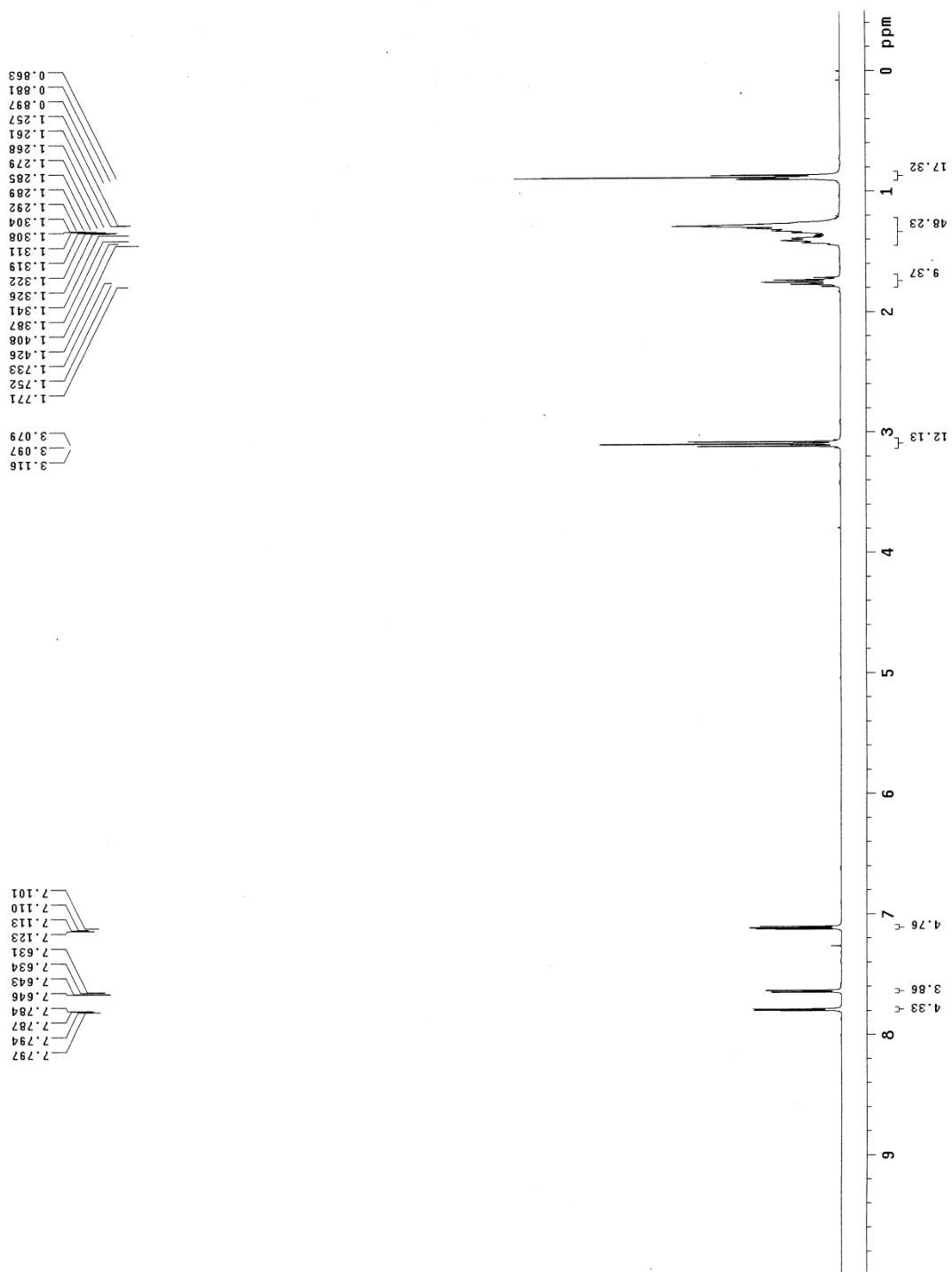
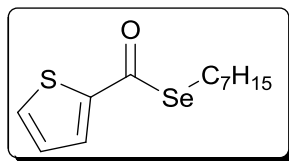
***Se*-Methyl 4-(dimethylamino)benzoselenoate (4b)**



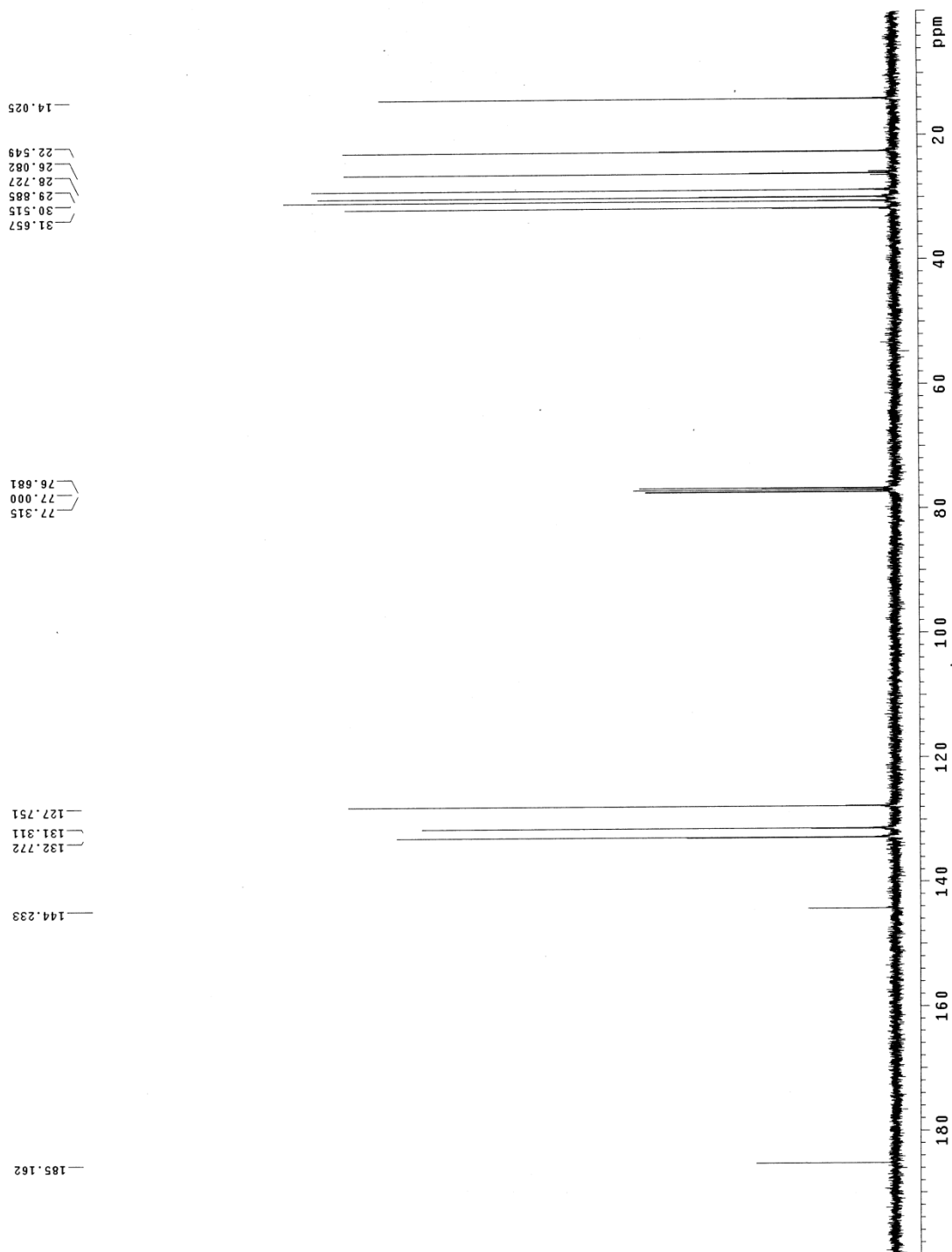
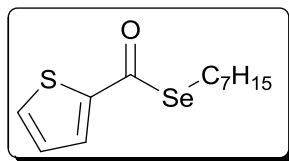
***Se*-Methyl 4-(dimethylamino)benzoselenoate (4b)**



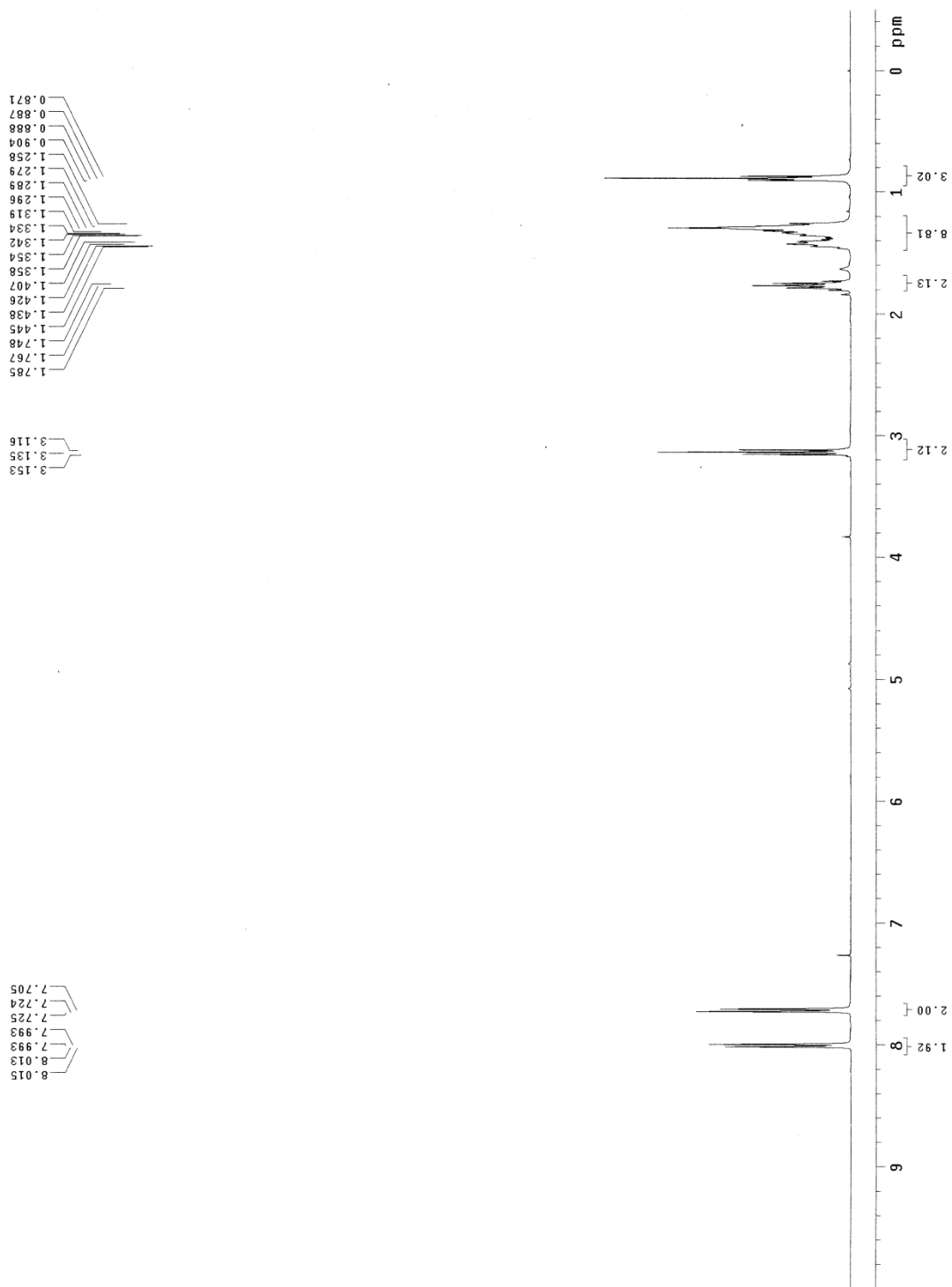
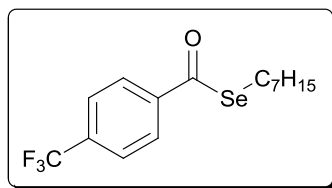
***Se*-(*n*-Heptyl) thiophene-2-carboselenoate (4c)**



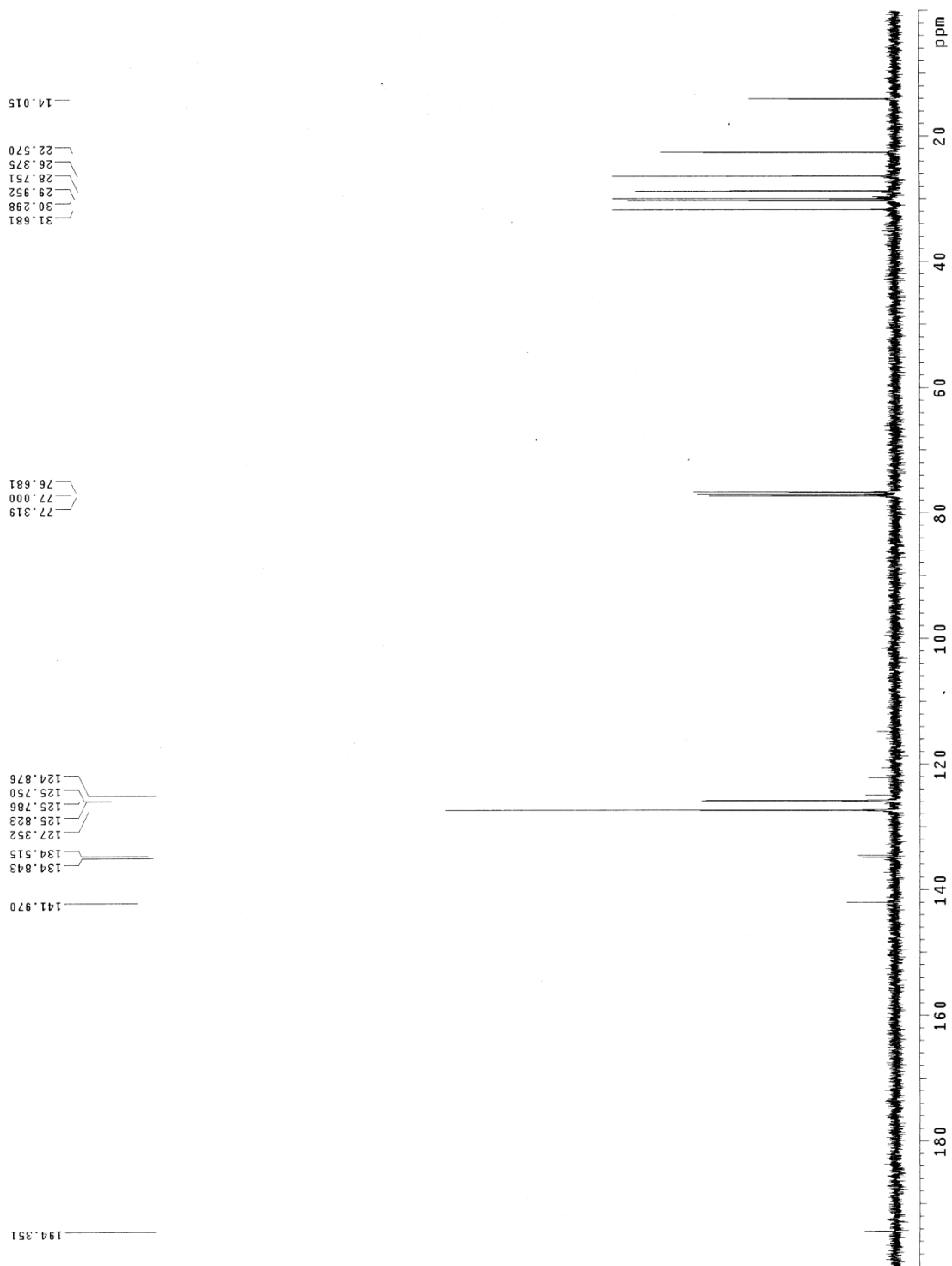
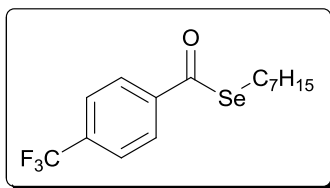
***Se*-(*n*-Heptyl) thiophene-2-carboselenoate (4c)**



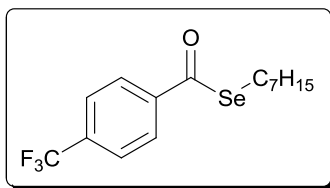
***Se*-(*n*-Heptyl) 4-(trifluoromethyl)benzoselenoate (4d)**



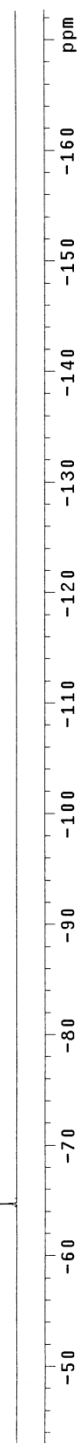
***Se*-(*n*-Heptyl) 4-(trifluoromethyl)benzoselenoate (4d)**



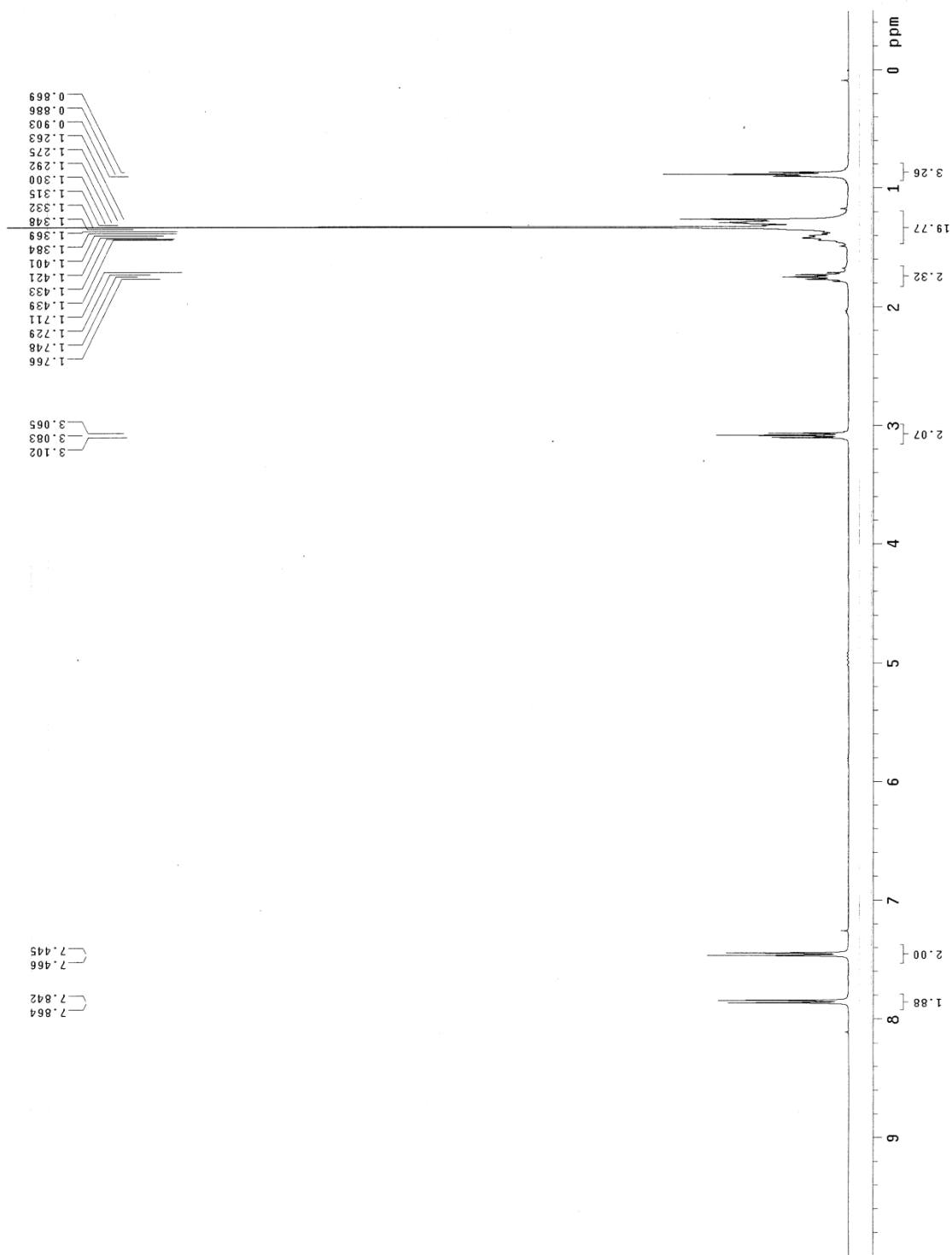
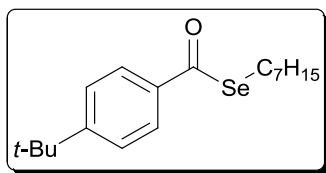
***Se*-(*n*-Heptyl) 4-(trifluoromethyl)benzoselenoate (4d)**



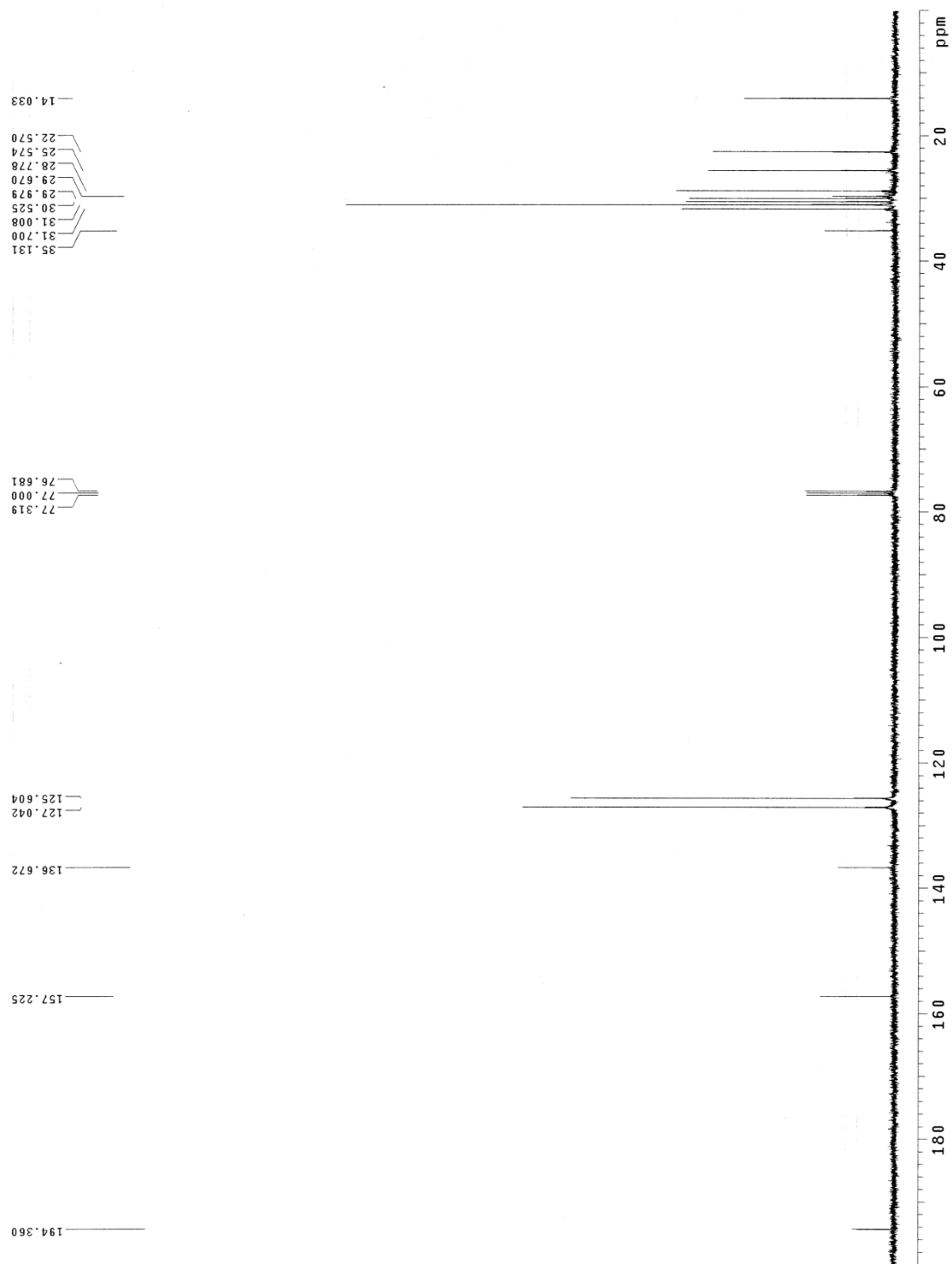
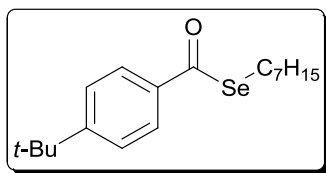
—64.710



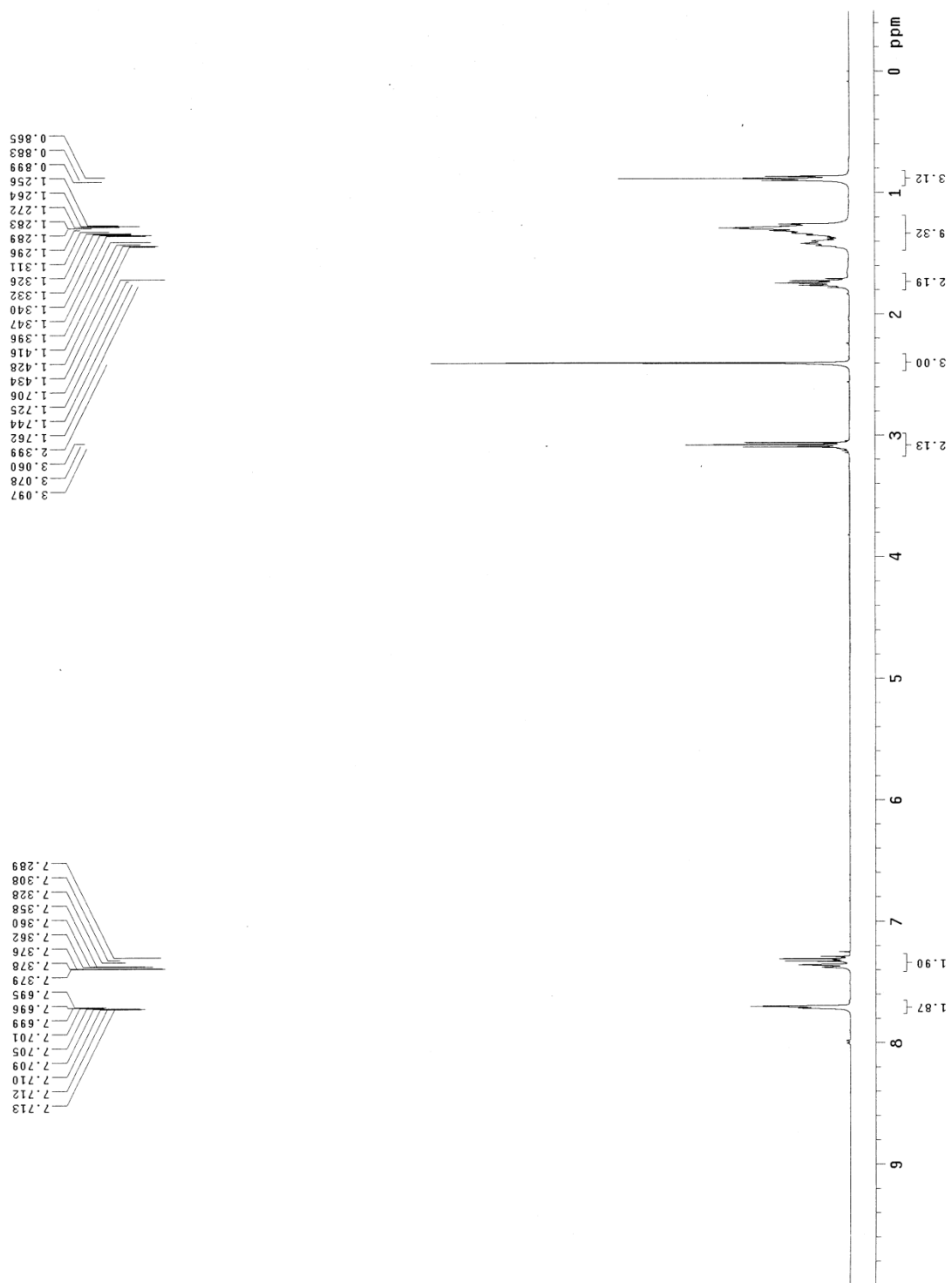
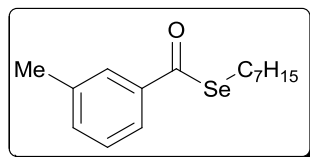
***Se*-(*n*-Heptyl) 4-*tert*-butylbenzoselenoate (4e)**



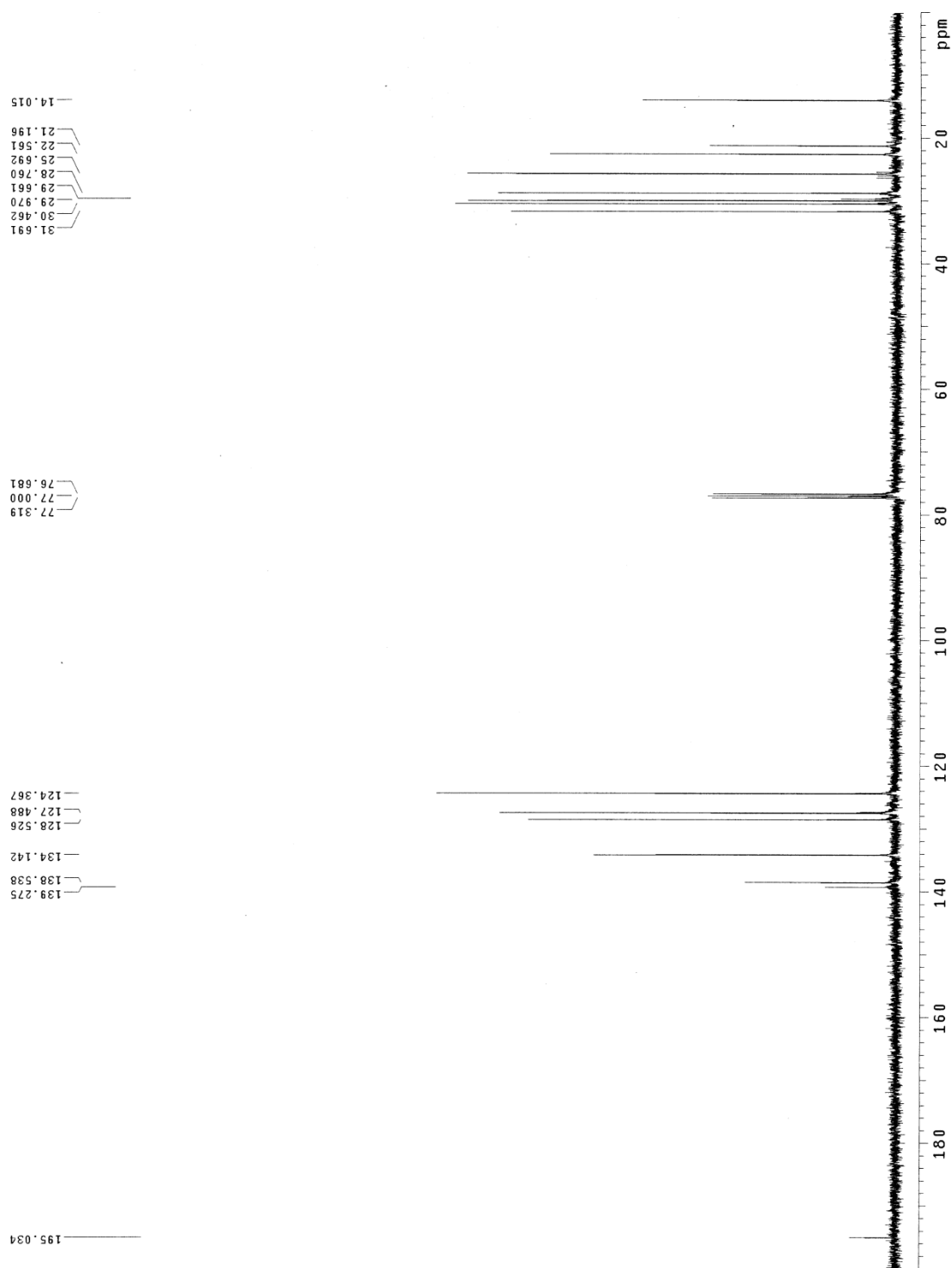
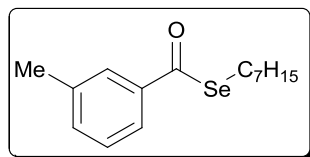
***Se*-(*n*-Heptyl) 4-*tert*-butylbenzoselenoate (4e)**



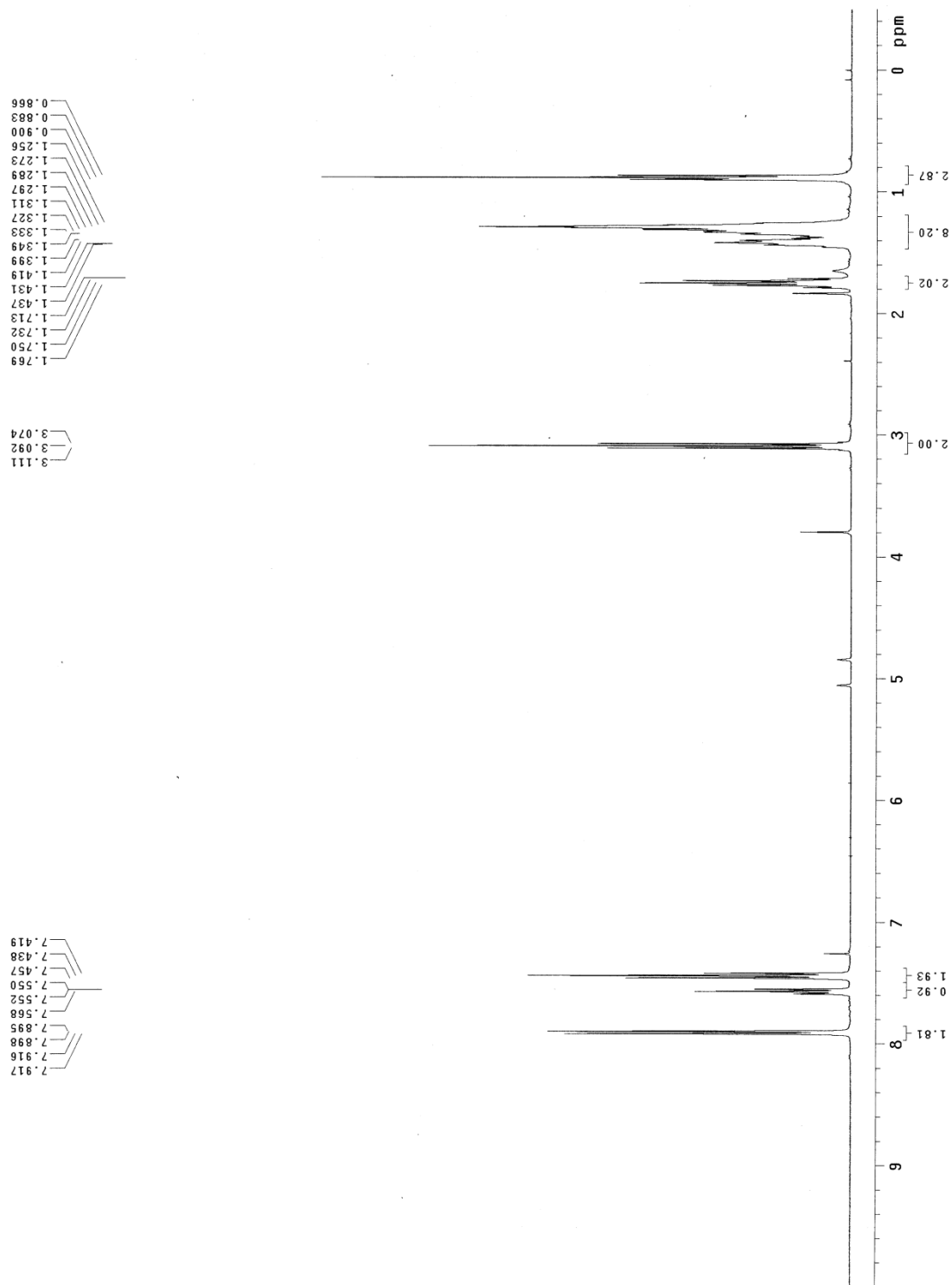
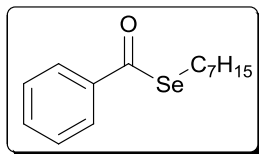
Se-(*n*-Heptyl) 3-methylbenzoselenoate (4f)



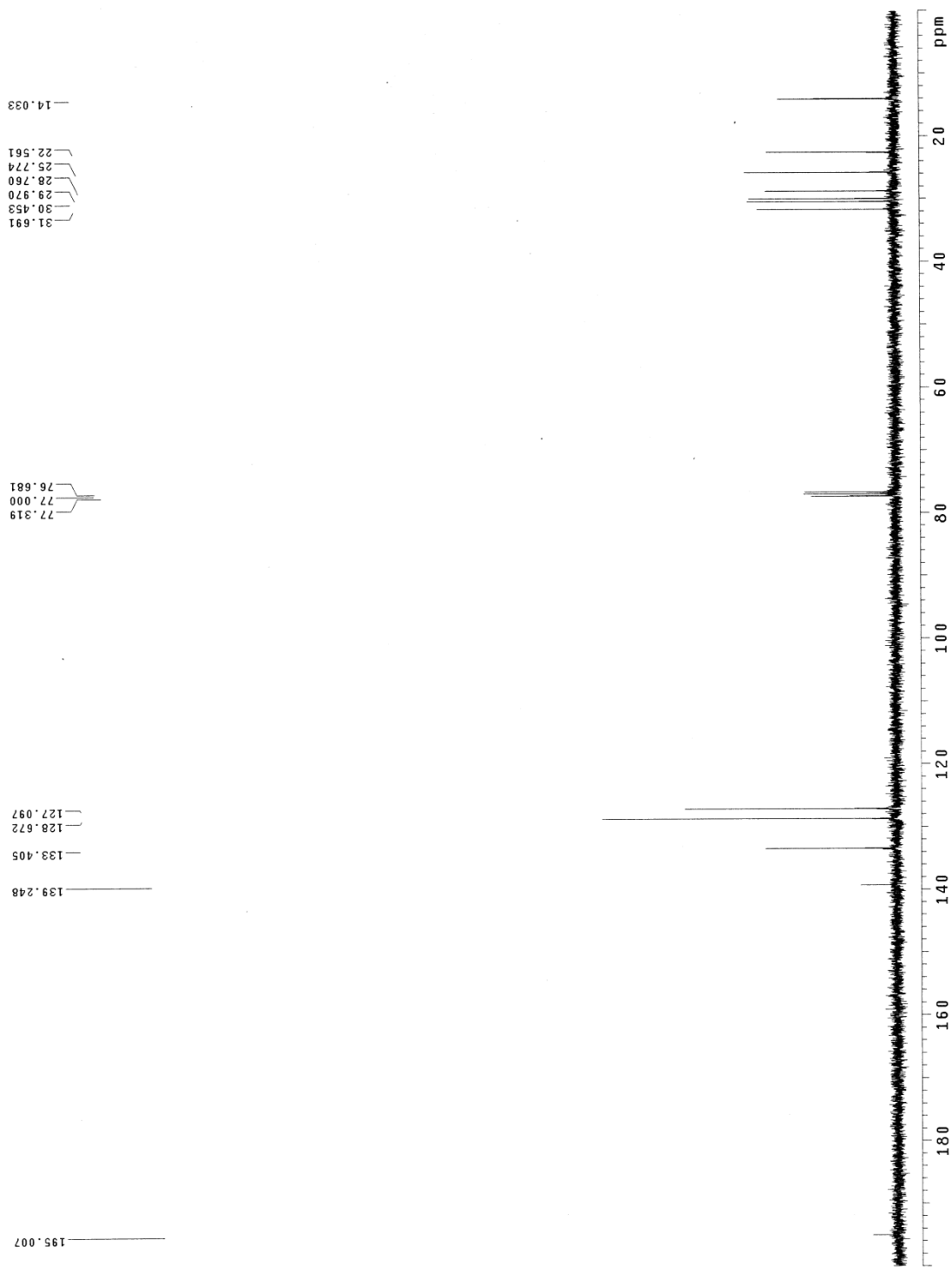
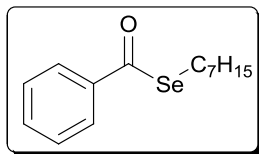
Se-(*n*-Heptyl) 3-methylbenzoselenoate (4f)



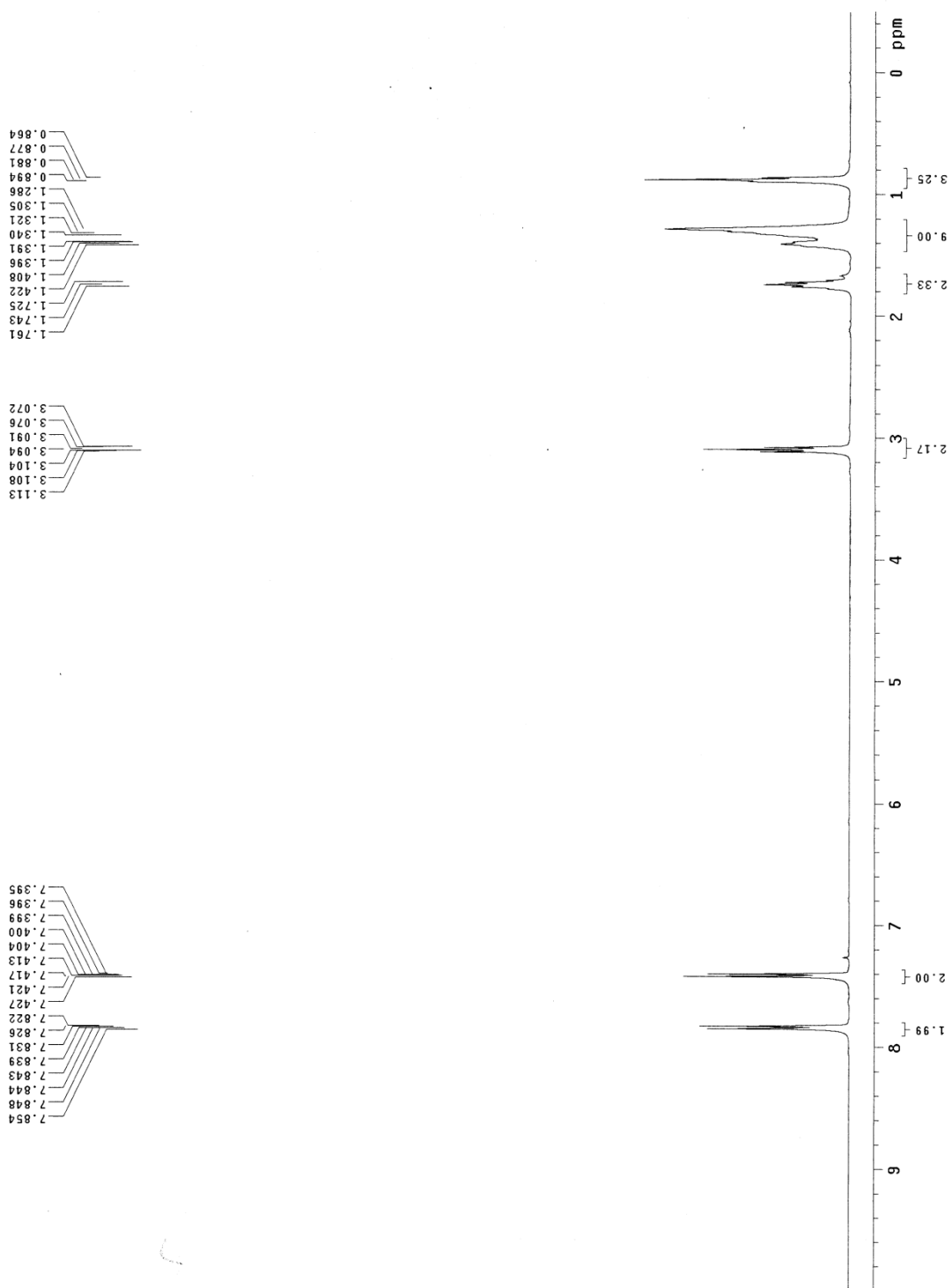
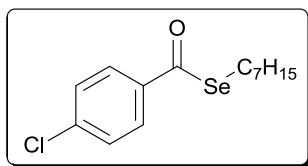
***Se*-(*n*-heptyl) benzoselenoate (4g)**



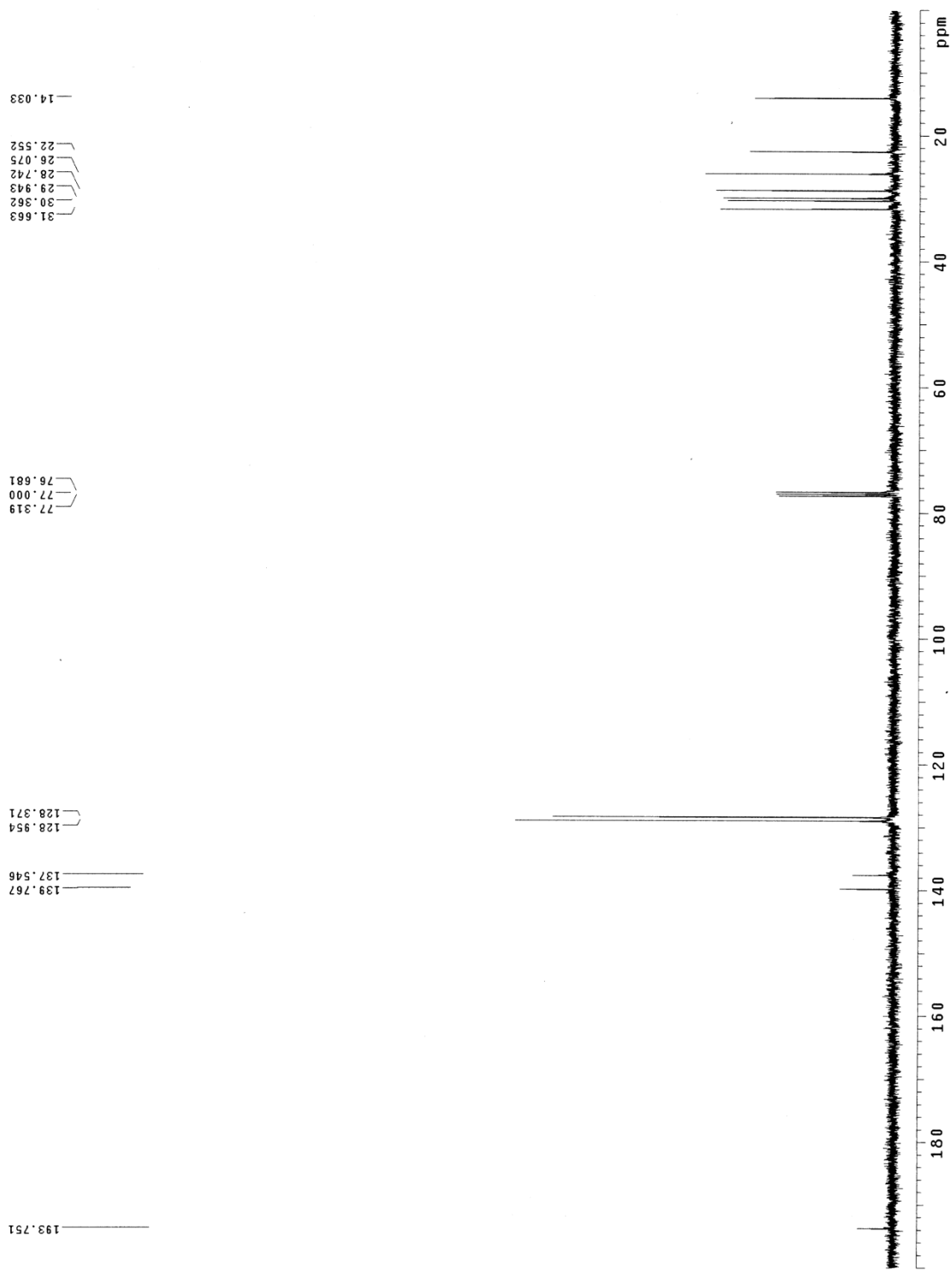
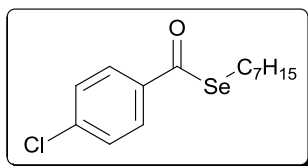
***Se*-(*n*-heptyl) benzoselenoate (4g)**



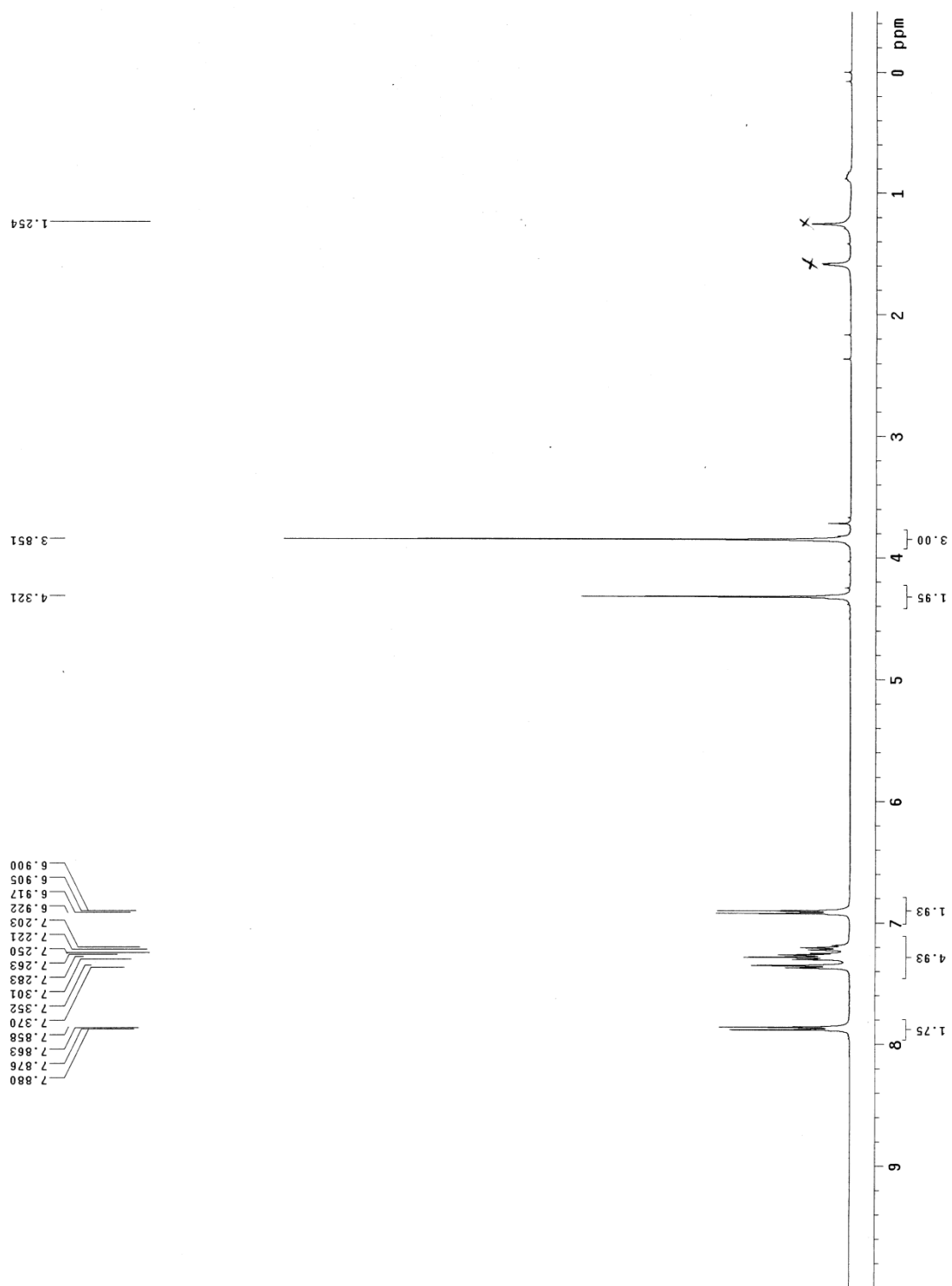
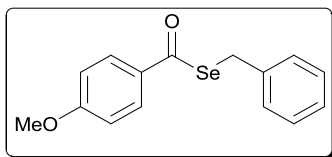
***Se*-(*n*-heptyl) 4-chlorobenzoselenoate (4h)**



***Se*-(*n*-heptyl) 4-chlorobenzoselenoate (4h)**



***Se*-Benzyl 4-methoxybenzoselenoate (4i)**



***Se*-Benzyl 4-methoxybenzoselenoate (4i)**

