

Supporting Information

Microwave synthesis and evaluation of phenacylhomoserine lactones as anticancer compounds that minimally activate quorum sensing pathways in *Pseudomonas aeruginosa*

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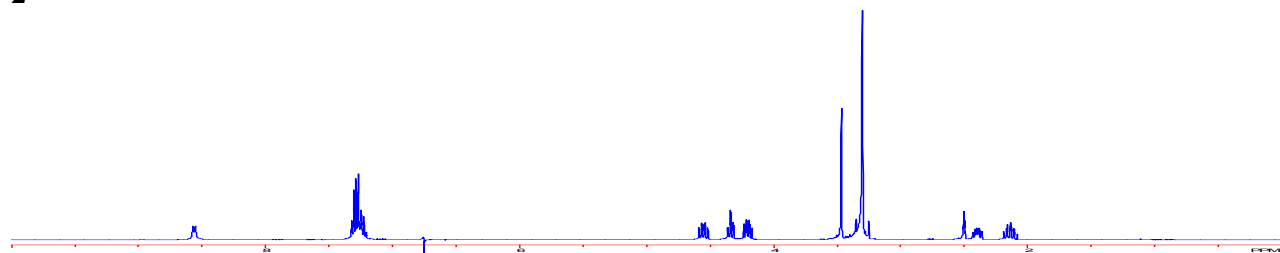
Supplementary Table 1. HPLC chromatograms for PHLA library.

2 ≥95%	6b ≥98%	10b ≥98%
3a ≥98%	7a ≥95% a	11a ≥98%
3b ≥98%	7b ≥98%	11b ≥98%
4a ≥95% a	8a ≥95%	12a ≥98%
4b ≥98%	8b ≥98%	12b ≥98%
5a ≥95%	9a ≥98% a	D-12b ≥98%
5b ≥95%	9b ≥98%	13 ≥98%
6a ≥95%	10a ≥98% a	14 ≥98%

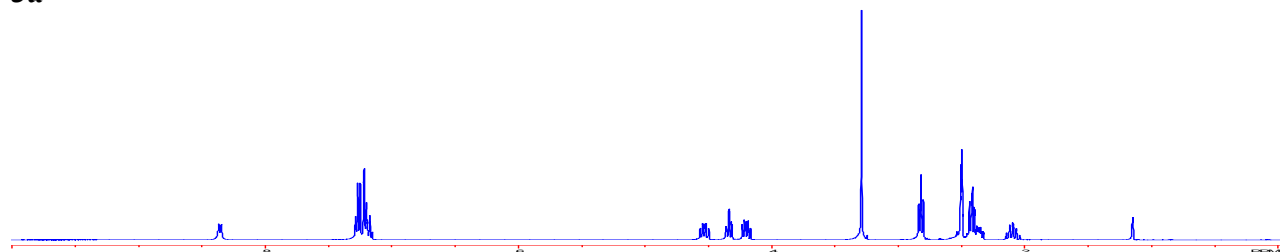
^a aggregates of pure compounds as determined by LC-MS/MS

Supplementary Figure 1. NMR spectra for PHLA library.

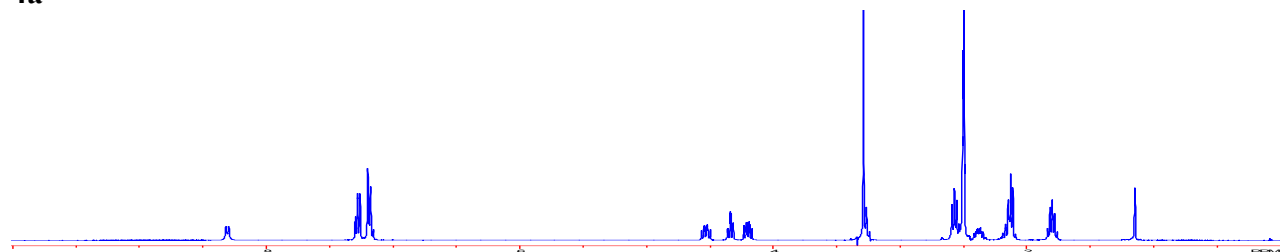
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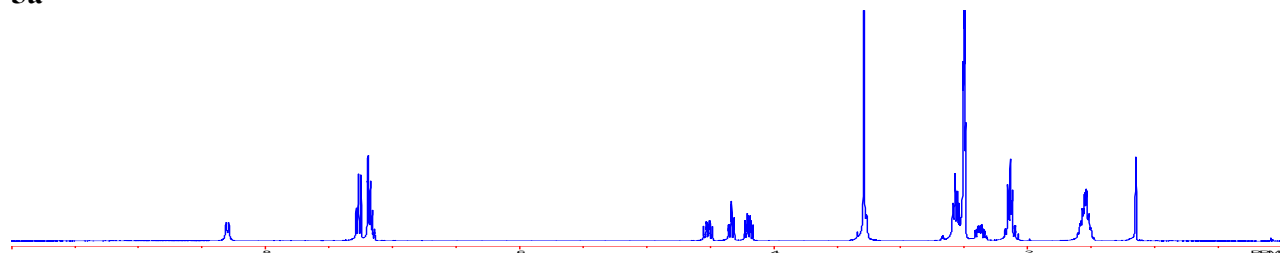
3a



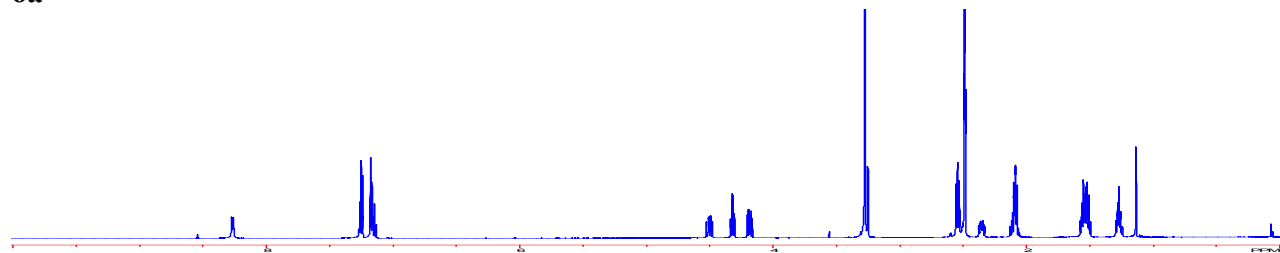
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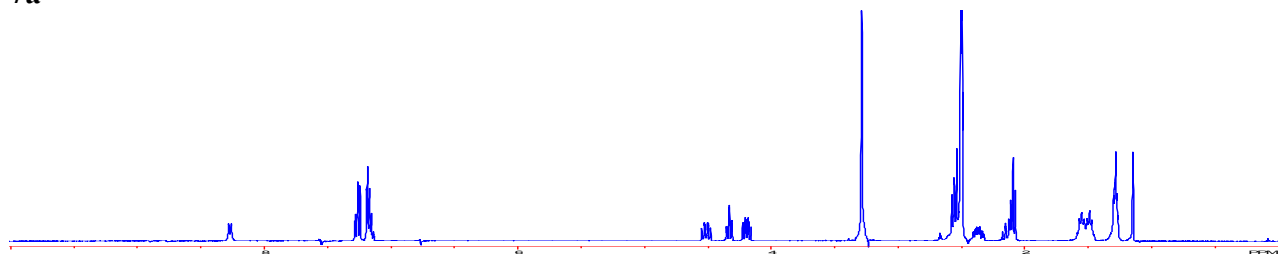
5a



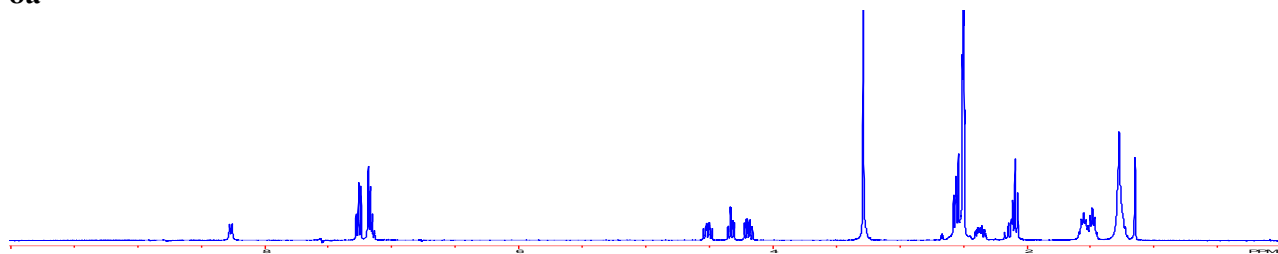
6a



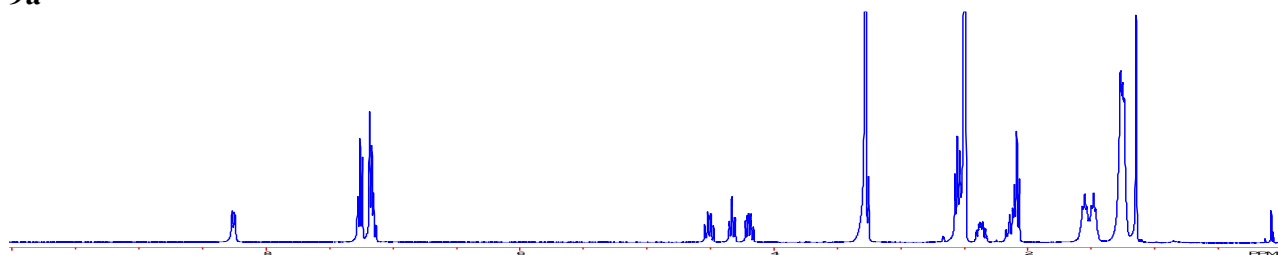
7a



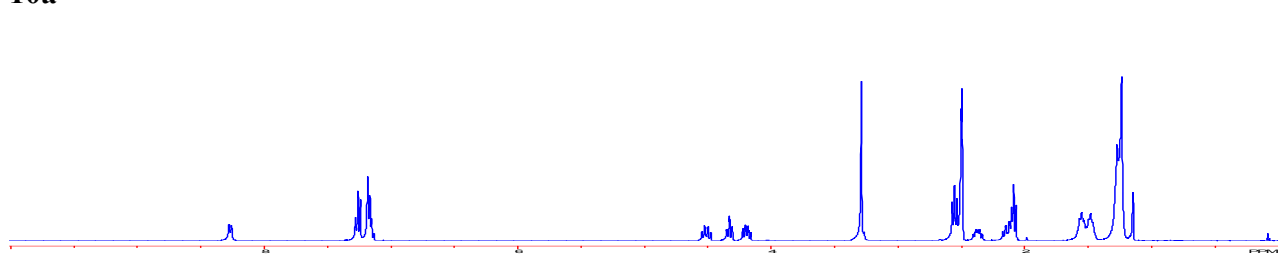
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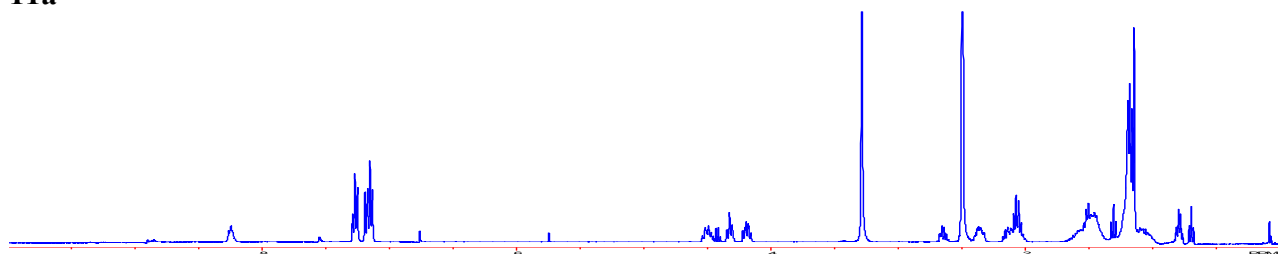
9a



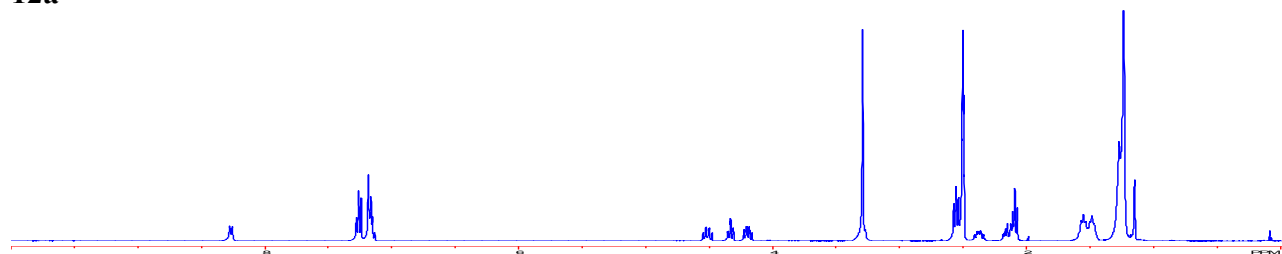
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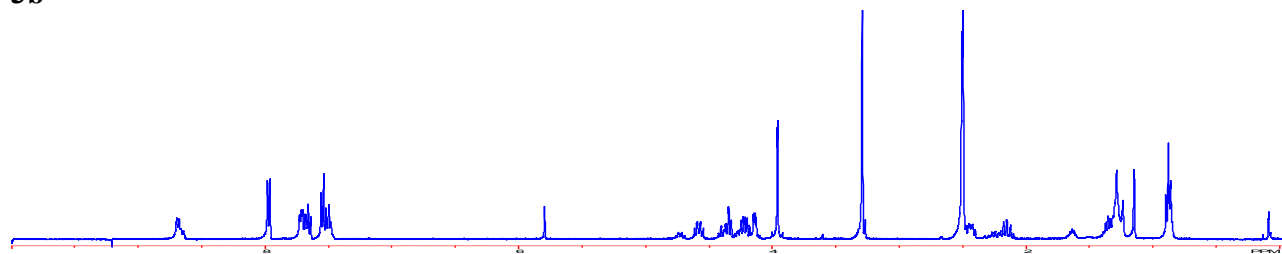
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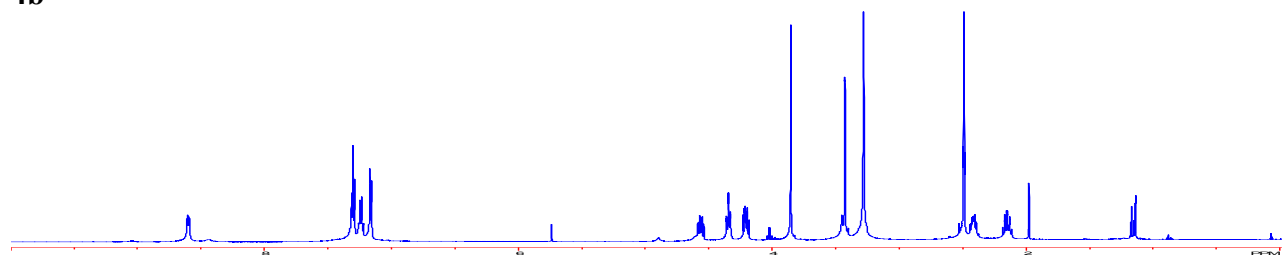
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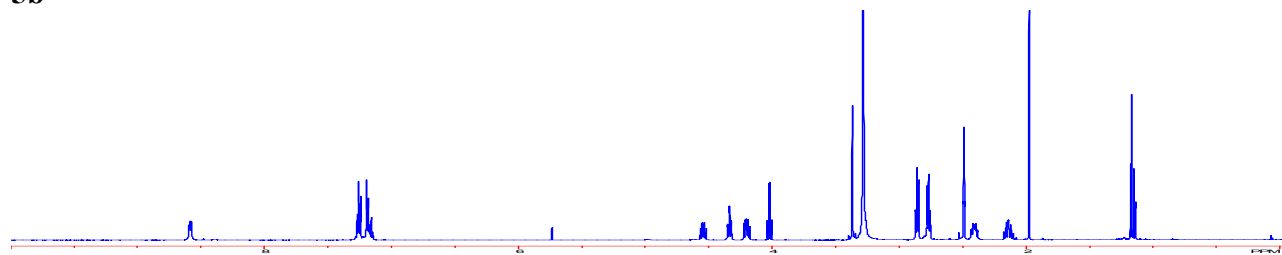
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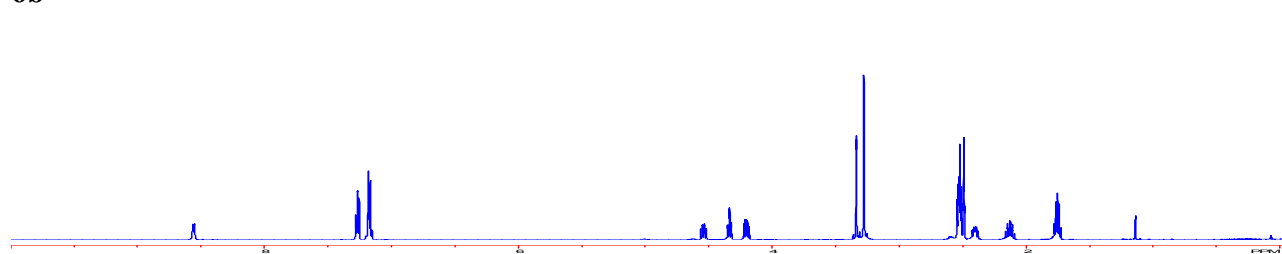
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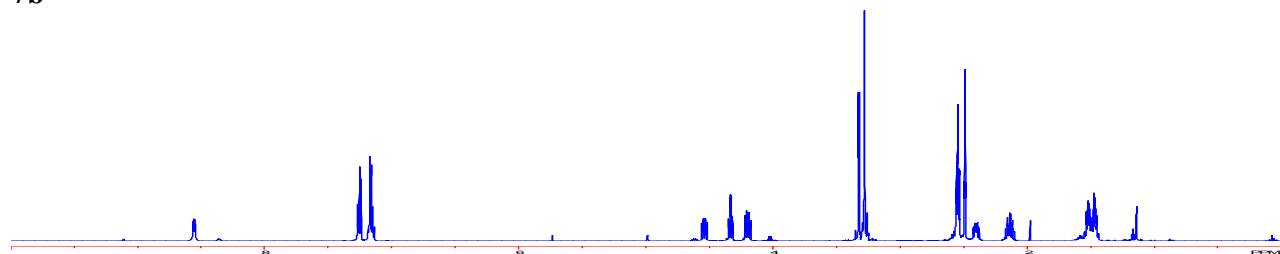
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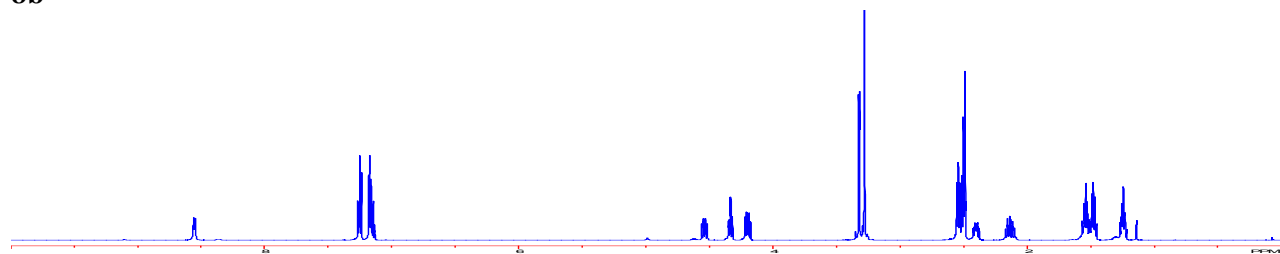
6b



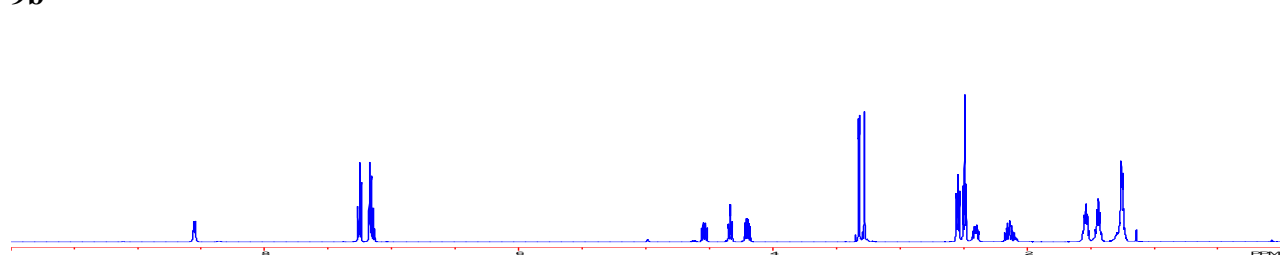
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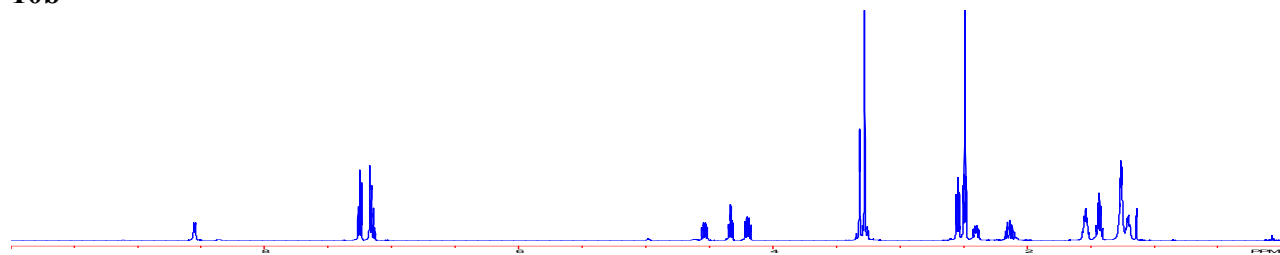
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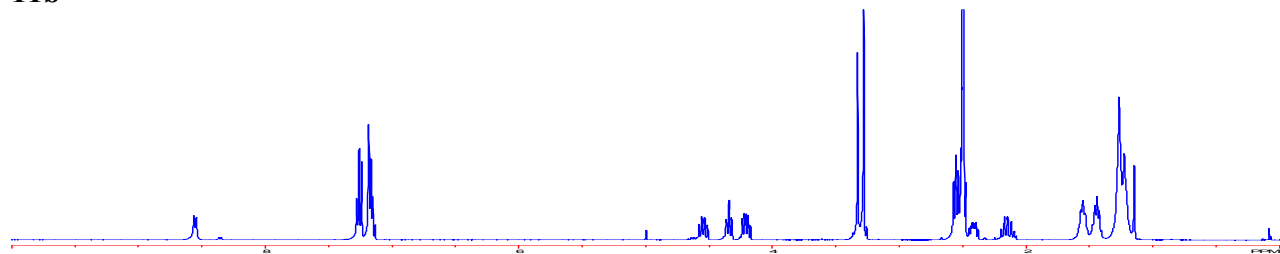
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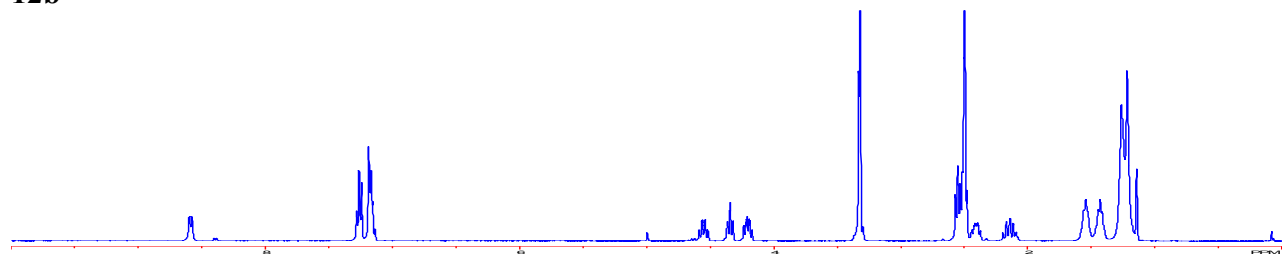
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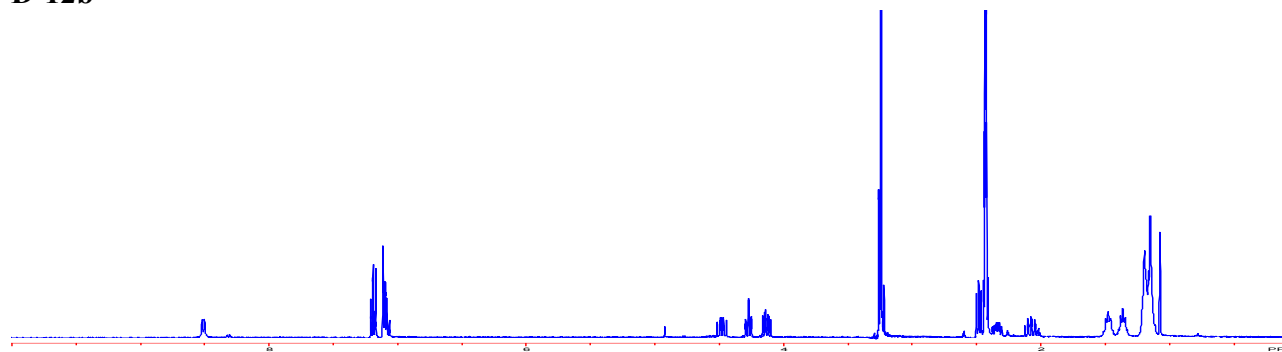
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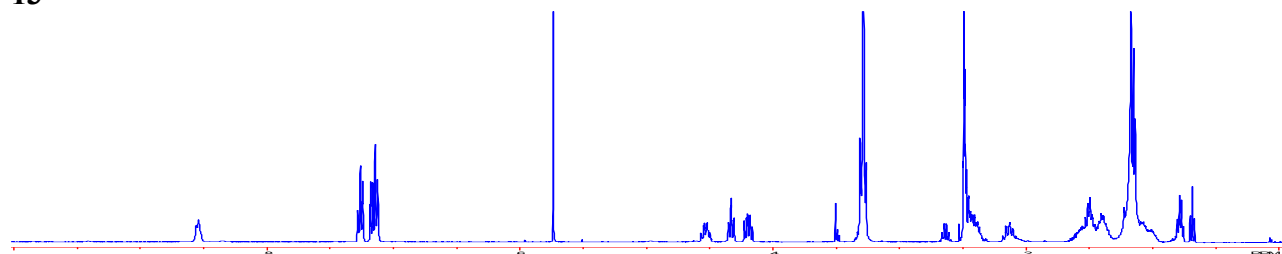
12b



D-12b



13



14

