

# Supplementary materials:

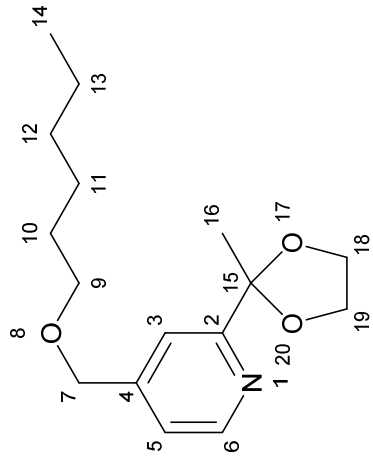
## 1-{4-[(hexyloxy)methyl]pyridin-2-yl}ethan-1-one

Florian Charrier, Jérôme Husson and Laurent Guyard.

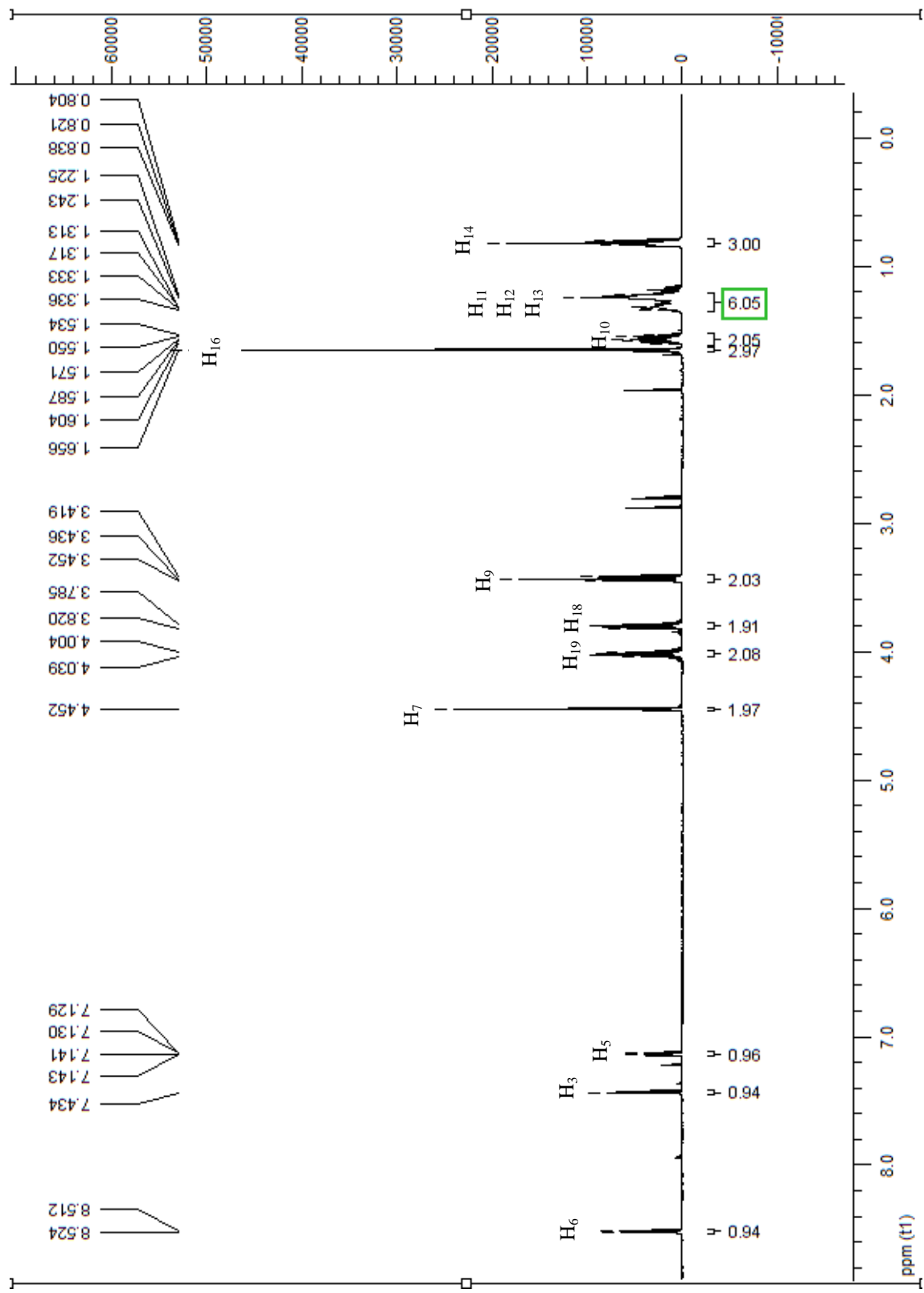
Content:

- <sup>1</sup>H NMR of compound **2**
- <sup>13</sup>C NMR of compound **2**
- IR spectra of compound **2**
- <sup>1</sup>H NMR of compound **3**
- <sup>13</sup>C NMR of compound **3**
- IR spectra of compound **3**
- Elemental analysis report for compound **2**
- Elemental analysis report for compound **3**

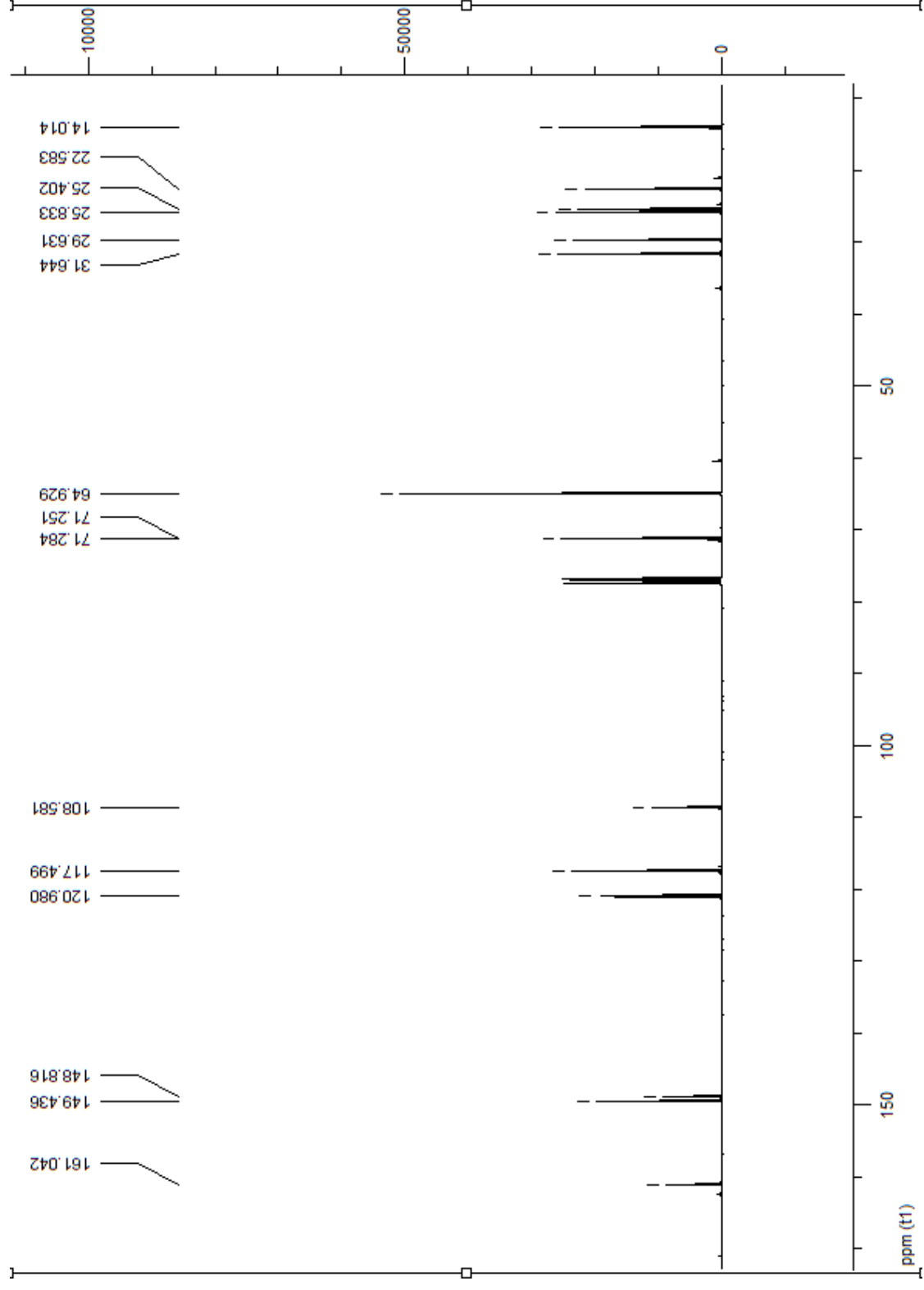
4-[(hexyloxy)methyl]-2-(2-methyl-1,3-dioxolan-2-yl)pyridine (2)



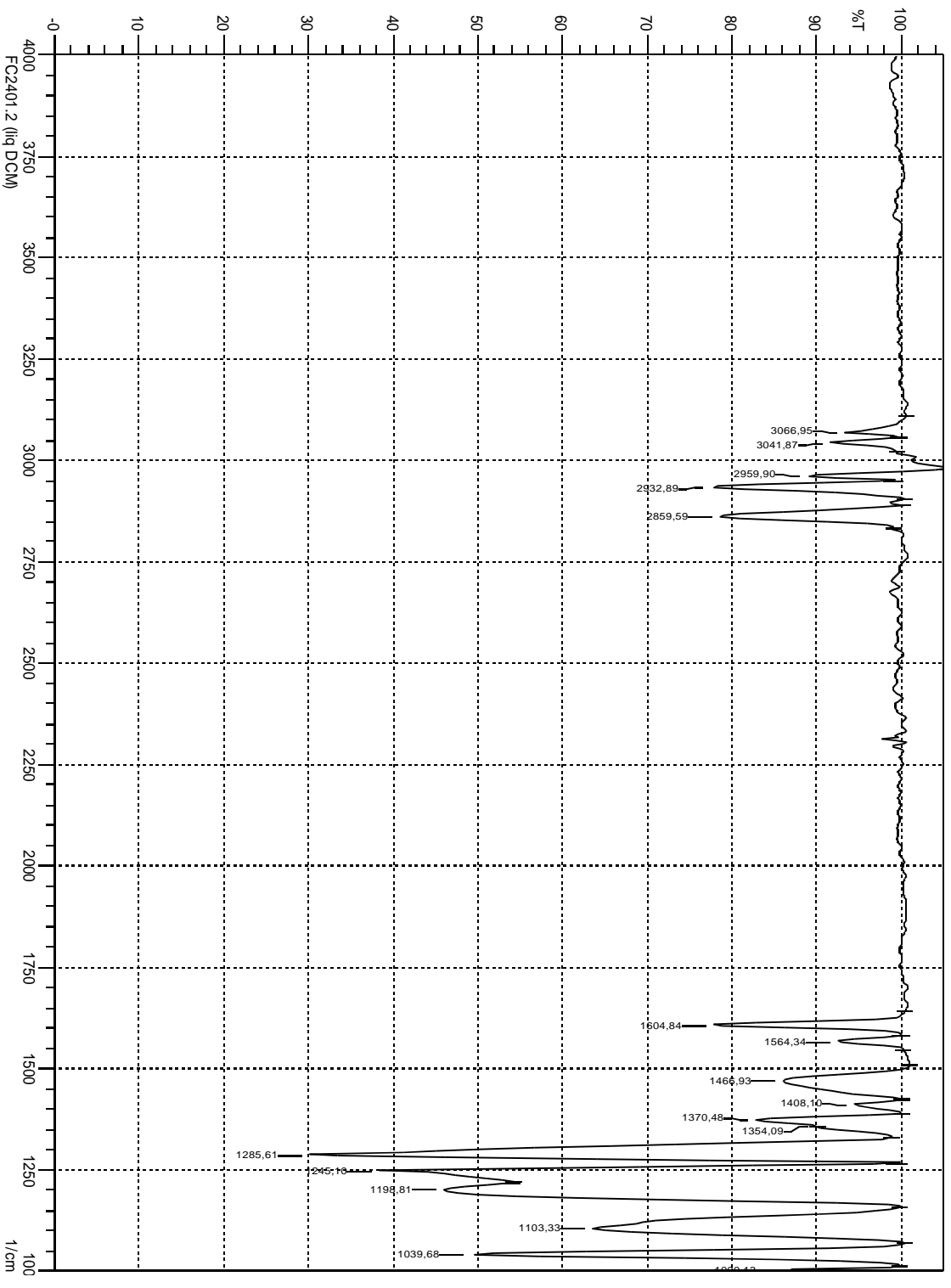
<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz)



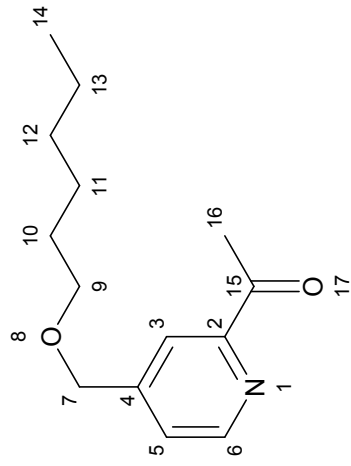
**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz)**



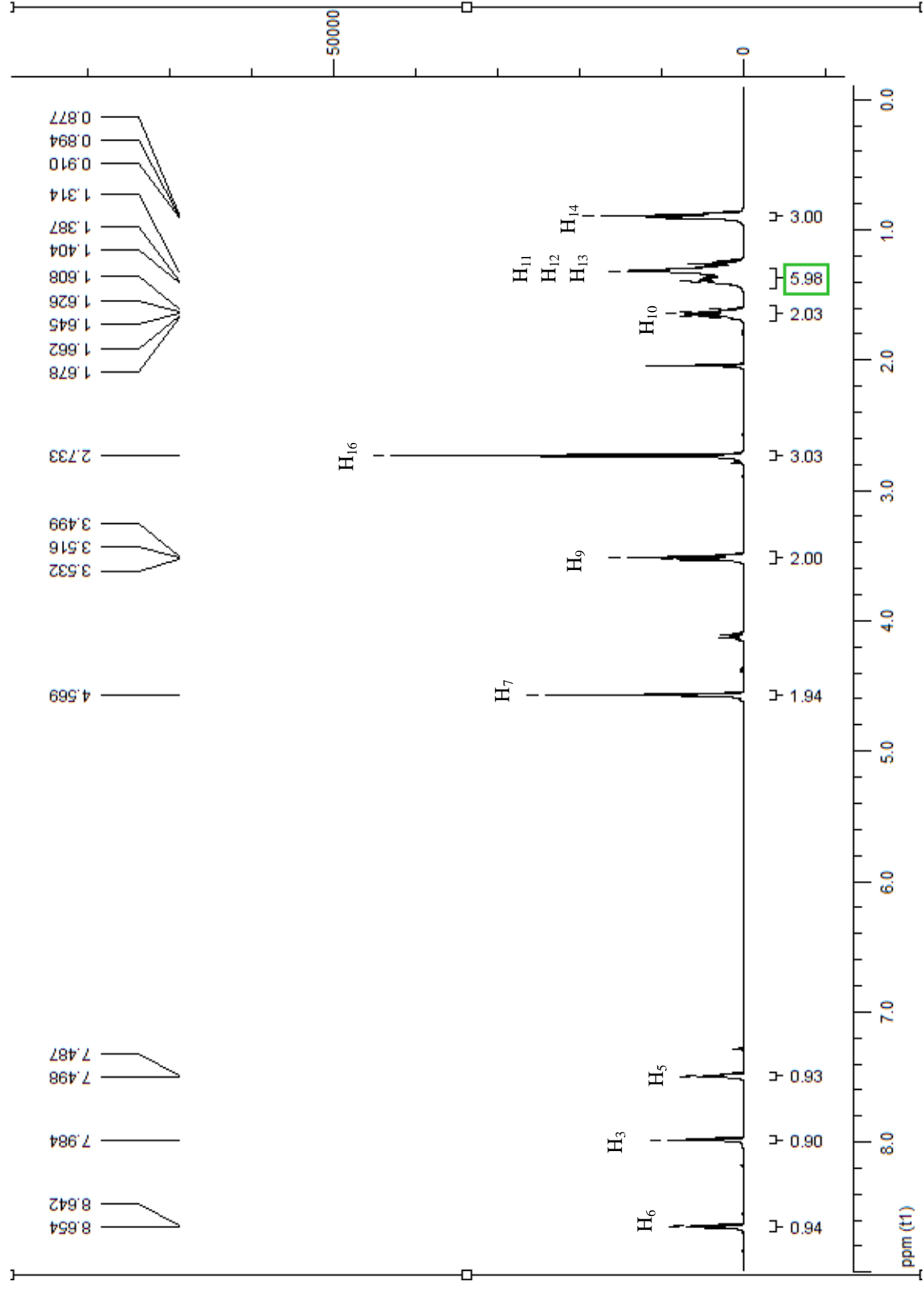
# IR spectrum



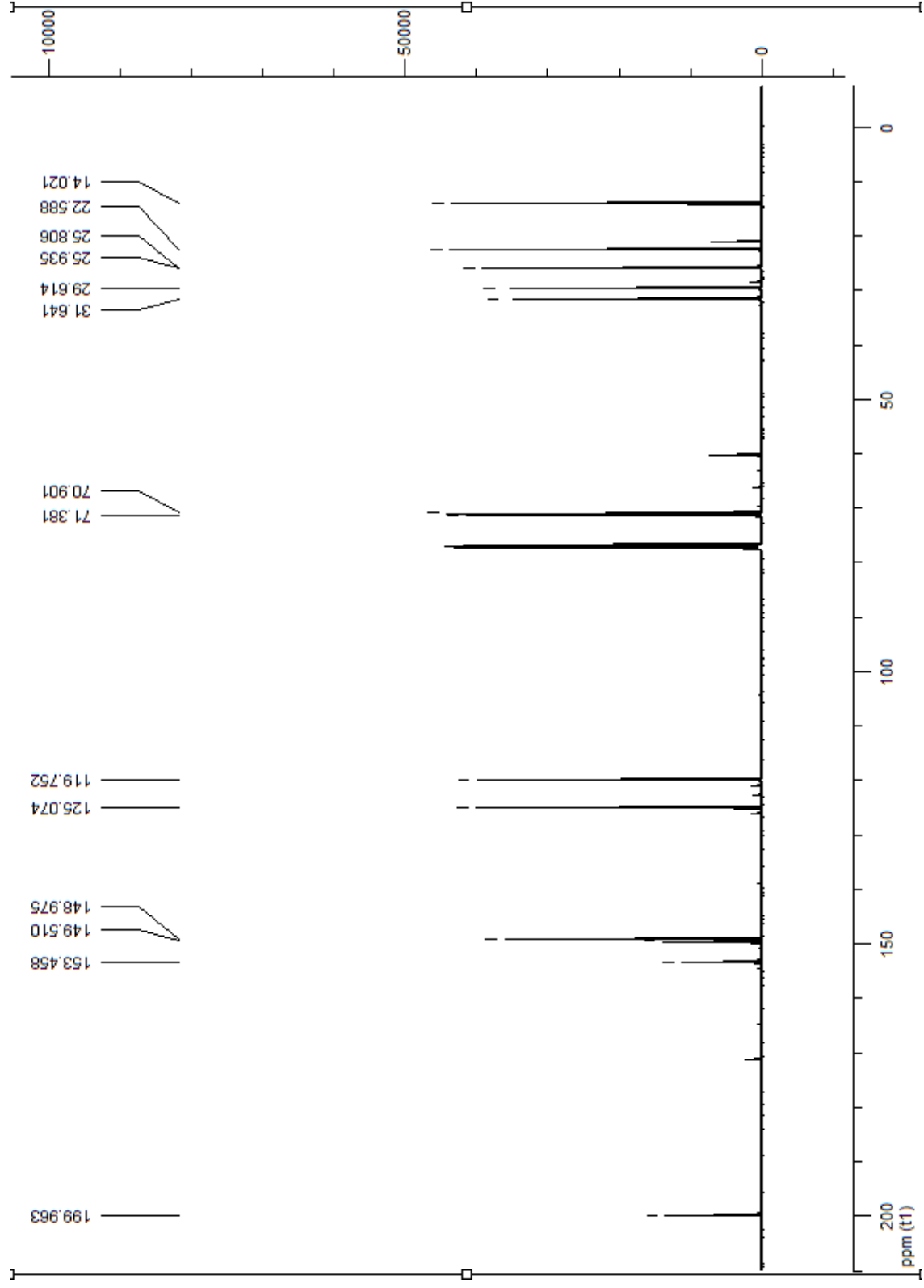
*1-[4-[(hexyloxy)methyl]pyridin-2-yl]ethan-1-one (3)*



**<sup>1</sup>H NMR (CDCl<sub>3</sub>, 400 MHz)**

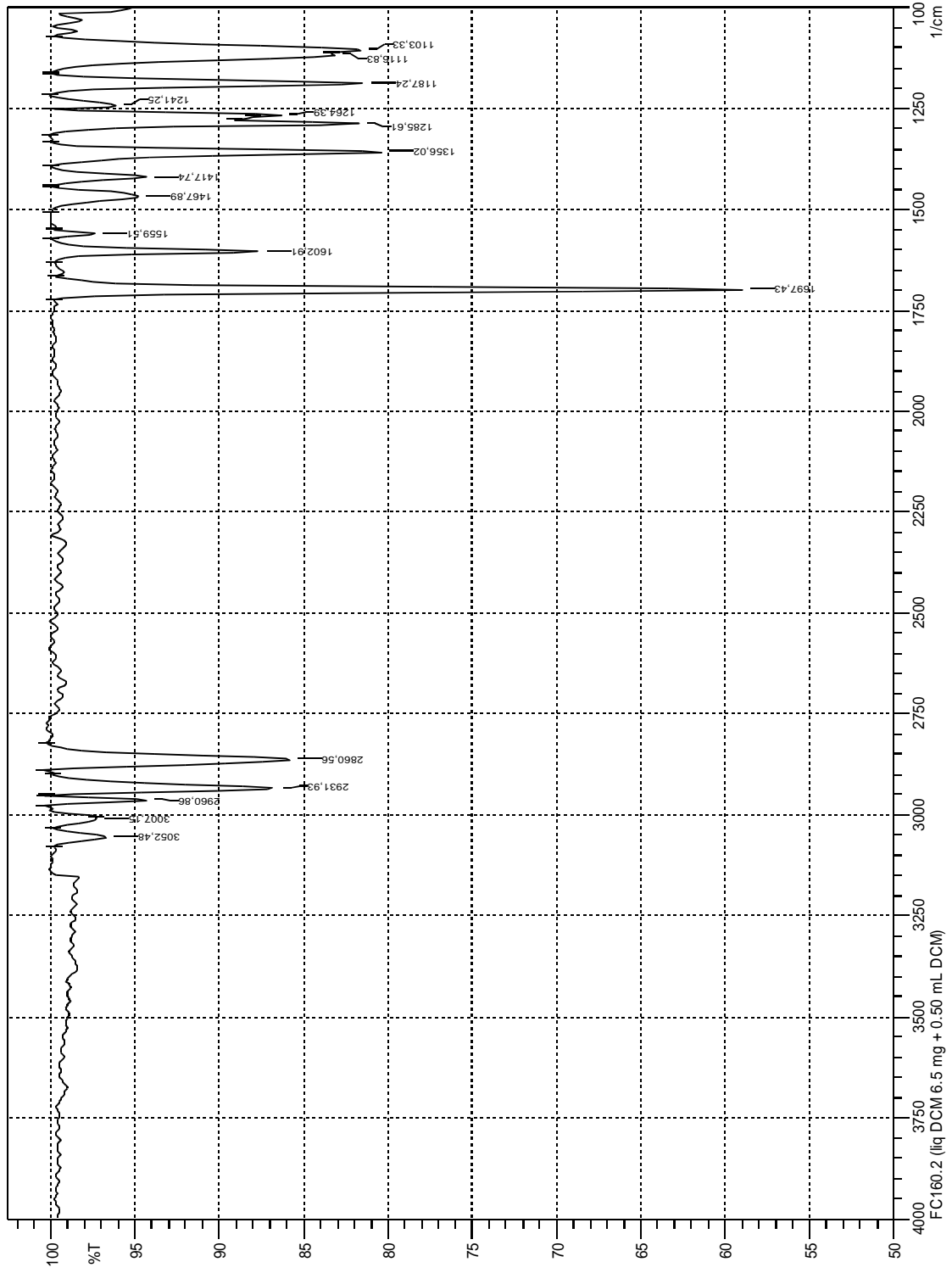


**<sup>13</sup>C NMR (CDCl<sub>3</sub>, 100 MHz)**





# IR spectrum



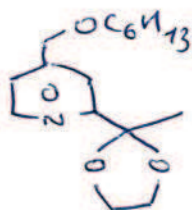
FC160.2 (lq DCM 6.5 mg + 0.50 mL DCM)

## Service d'Analyse Elementaire

UMR 7565 CNRS Université de Lorraine  
Faculté des Sciences et Techniques  
Bd des Aiguillettes, BP 70239, VANDOEUVRE les NANCY

Analyse N°3236 du 01.03.2017

Référence produit: FC 159.2



C 68,79%  
H 9,02%  
N 5,01%

Mr HUSSON

Equipe UTINAM-MSS, UMR CNRS 6213

Téléphone : 03 81 66 62 91

Element	Mesure 1	Mesure 2	Mesure 3
Carbone	68.48	68.11	
Hydrogène	8.87	8.94	
Azote	5.11	5.03	

Commentaire :

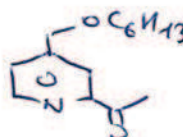
Vandoeuvre le 01-03-2017

## Service d'Analyse Elementaire

UMR 7565 CNRS Université de Lorraine  
Faculté des Sciences et Techniques  
Bd des Aiguillettes, BP 70239, VANDOEUVRE les NANCY

Analyse N°3237 du 01.03.2017

Référence produit: FC 160.2



C 71,46%  
H 8,99%  
N 5,95%

Mr HUSSON

Equipe UTINAM-MSS, UMR CNRS 6213

Téléphone : 03 81 66 62 91

Element	Mesure 1	Mesure 2	Mesure 3
Carbone	71.44	71.48	
Hydrogène	9.05	8.93	
Azote	5.90	5.88	

Commentaire :

Vandoeuvre le 01-03-2017