

**CHEMISTRY**   
**A EUROPEAN JOURNAL**

Supporting Information

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# **Polysulfurated pyrene-cored dendrimers: luminescent and electrochromic properties**

M. Gingras,<sup>a\*</sup> V. Placide,<sup>a</sup> J.-M Raimundo,<sup>a</sup> G. Bergamini,<sup>b</sup> P. Ceroni,<sup>b\*</sup> V. Balzani<sup>b</sup>

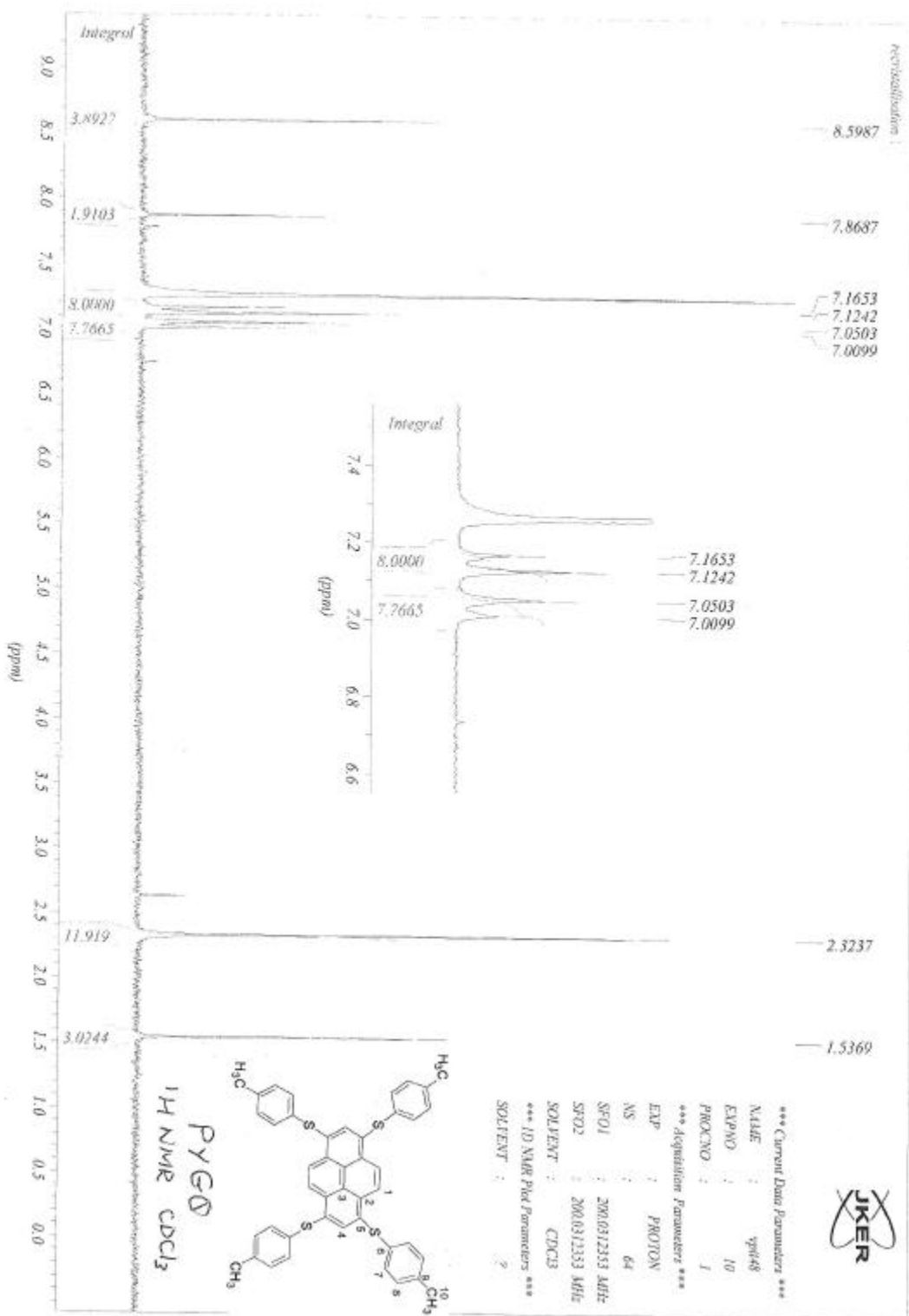
<sup>a</sup> *UPR CNRS 3118 Interdisciplinary Center on Nanoscience at Marseille (CINaM), Campus de Luminy, Université de la Méditerranée, Case 913, 13288 Marseille Cedex 09, France*

<sup>b</sup> *Department of Chemistry "G. Ciamician", University of Bologna, I-40126 Bologna, Italy.*

*a)  $^1\text{H}$  and  $^{13}\text{C}$  NMR spectra of polysulfurated pyrene-cored dendrimers: (see below)*

*b) General procedure for ESI-MS by chemical ionisation with AgOTf*

The pyrene sample (2 mg) was dissolved in dichloromethane (250  $\mu\text{L}$ ). This solution was diluted to 1/100 in dichloromethane. Another solution of AgOTf (1.7 mg) was prepared in acetonitrile (500  $\mu\text{L}$ ). The latter solution was diluted to 1/10 in acetonitrile. The “working solution” was prepared while mixing the pyrene solution (200  $\mu\text{L}$ ) to the AgOTf solution (200  $\mu\text{L}$ ). This solution was doped with double internal standards (poly(propylene glycol of known masses) and was introduced in the ionisation source (5500 V) at a flow rate of 5  $\mu\text{L}/\text{min}$ .





\*\*\* Current Data Parameters \*\*\*

NAME : yd48  
EXPNO : 10  
PROCNO : 1

\*\*\* Acquisition Parameters \*\*\*

EXP : C13CPD  
NS : 15000  
SFO1 : 125.7715724 MHz  
SFO2 : 500.1320005 MHz  
SOLVENT : CDCl3  
\*\*\* 1D NMR Plot Parameters \*\*\*  
SOLVENT : ?

- 137.5256
- 134.2323
- 132.4168
- 131.9698
- 131.4954
- 130.6014
- 130.4463
- 126.0673
- 125.3739



PYGD  
13C NMR  
CDCl3

