

Supporting Information
for
Tailored Synthesis of Nitric Oxide-Releasing Polyurethanes Using O^2 -
Protected Diazeniumdiolated Chain Extenders

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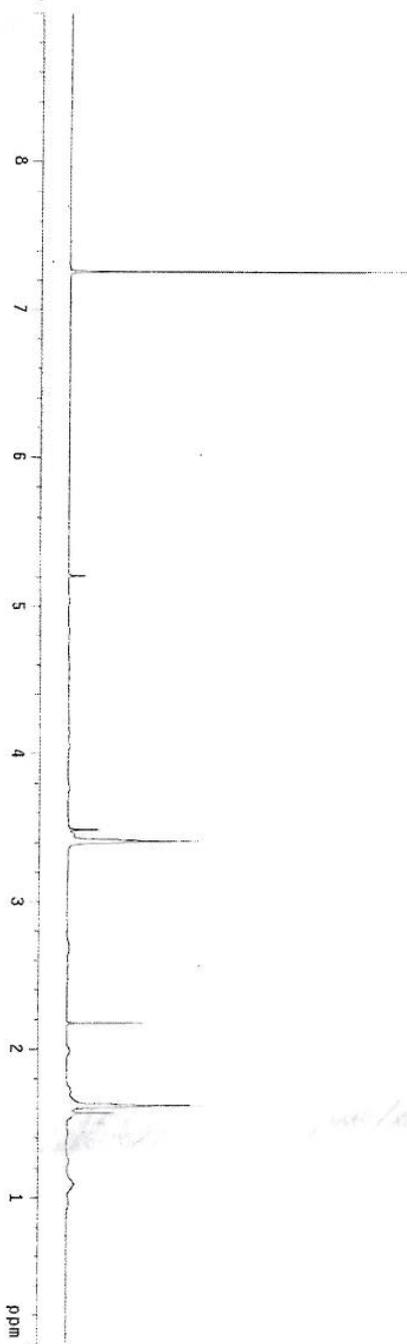
[§] National Cancer Institute.

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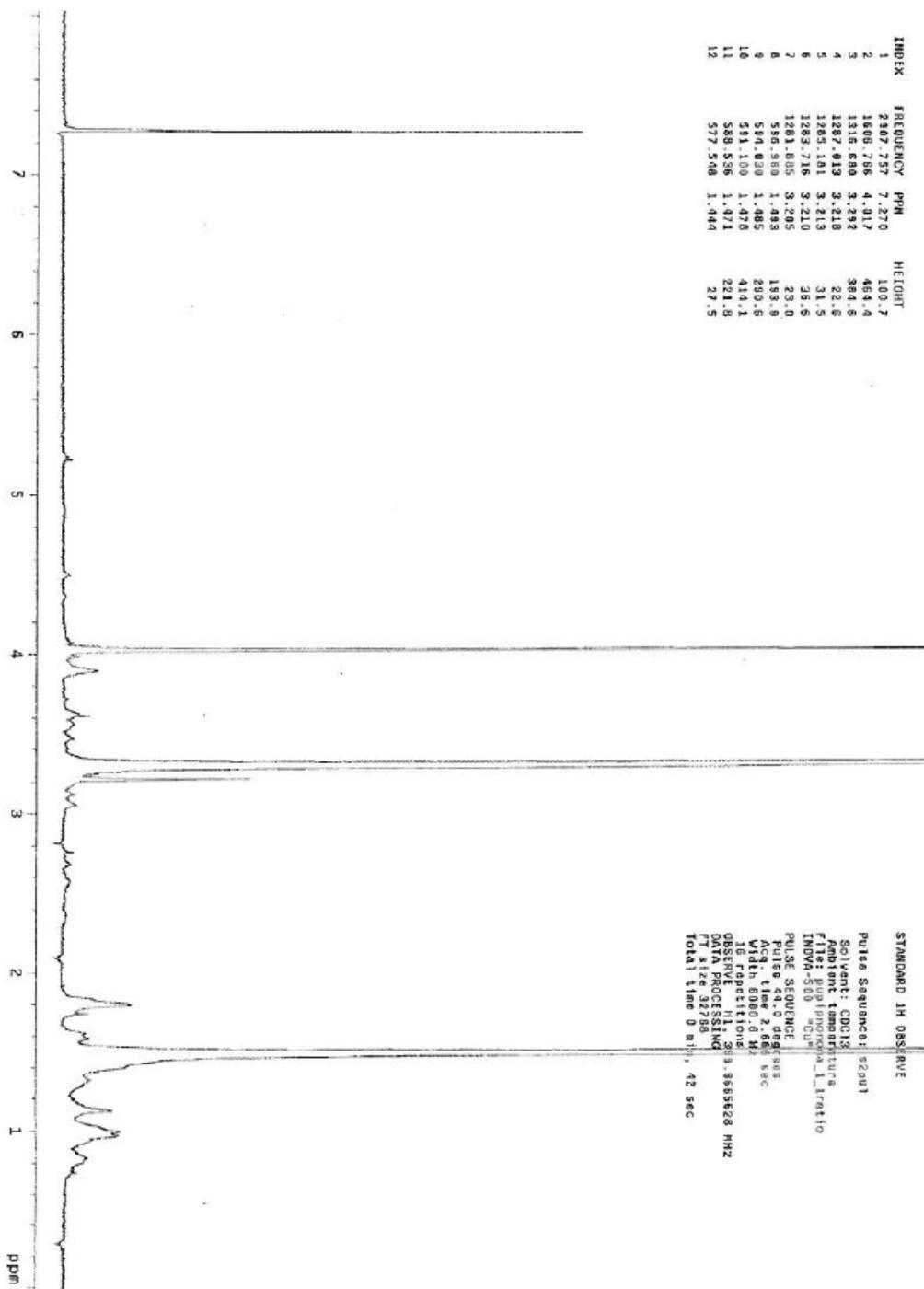
¹ H NMR poly1	S3
¹ H NMR poly2	S4
¹ H NMR poly3	S5
¹ H NMR poly4	S6
¹ H NMR poly5	S7
¹ H NMR poly6	S8
NO-release data poly1	S9

poly1

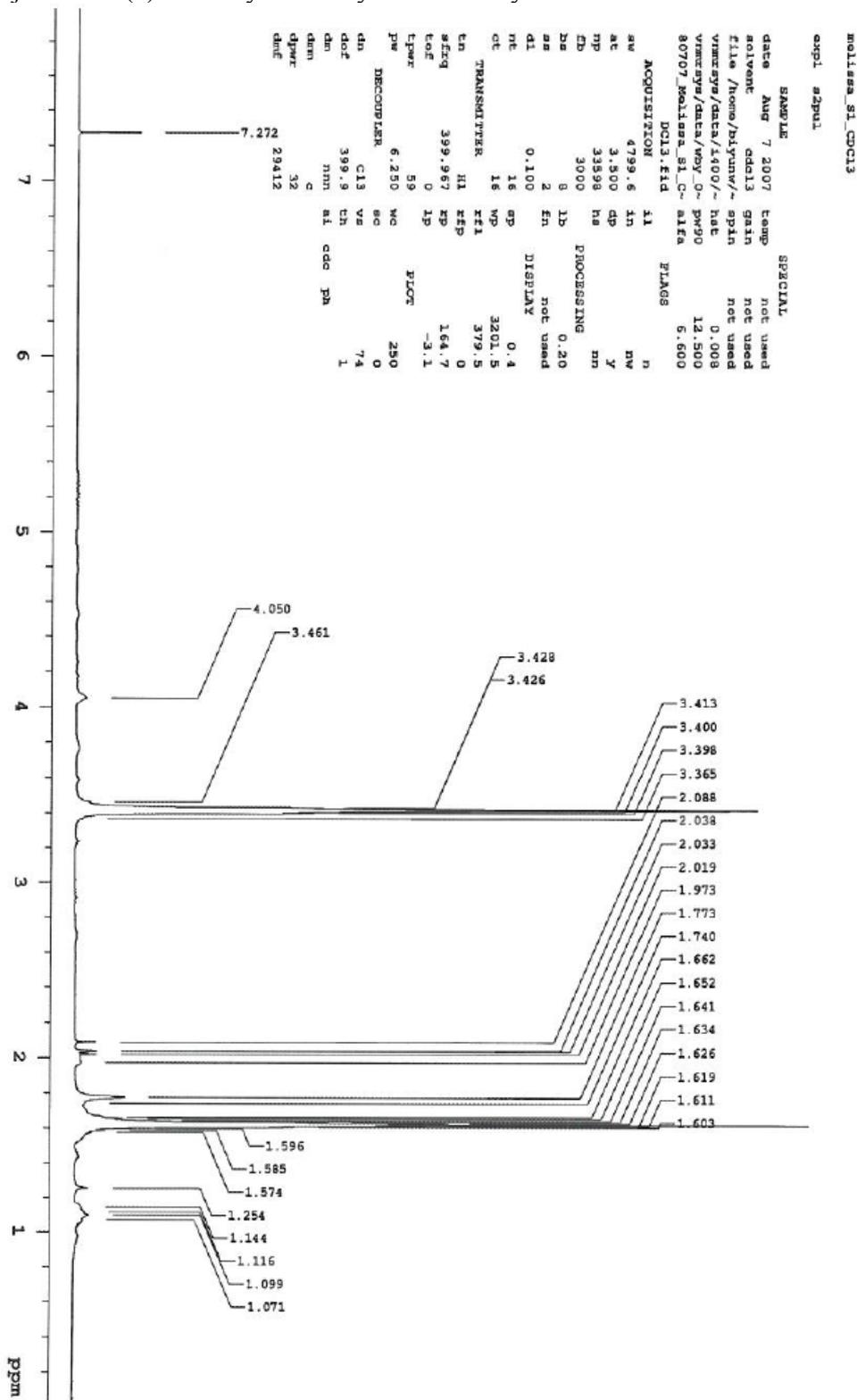
STANDARD PROTON PARAMETERS
Pulse Sequence: zgpg30
Solvent: CDCl3
INOVA-500 "Srt. Chem. USA, UNiCh. Edu"
Ambient Temperature
PULSE SEQUENCE
Relax. delay 1.000 sec
Pulse 40.0 degrees
Acq. time 2.500 sec
M 1000.000000 MHz
N 1000.000000 MHz
OBSERVE HI 499.9042613 MHz
DATA PROCESSING
FT size 65536
Total time 0 min, 28 sec



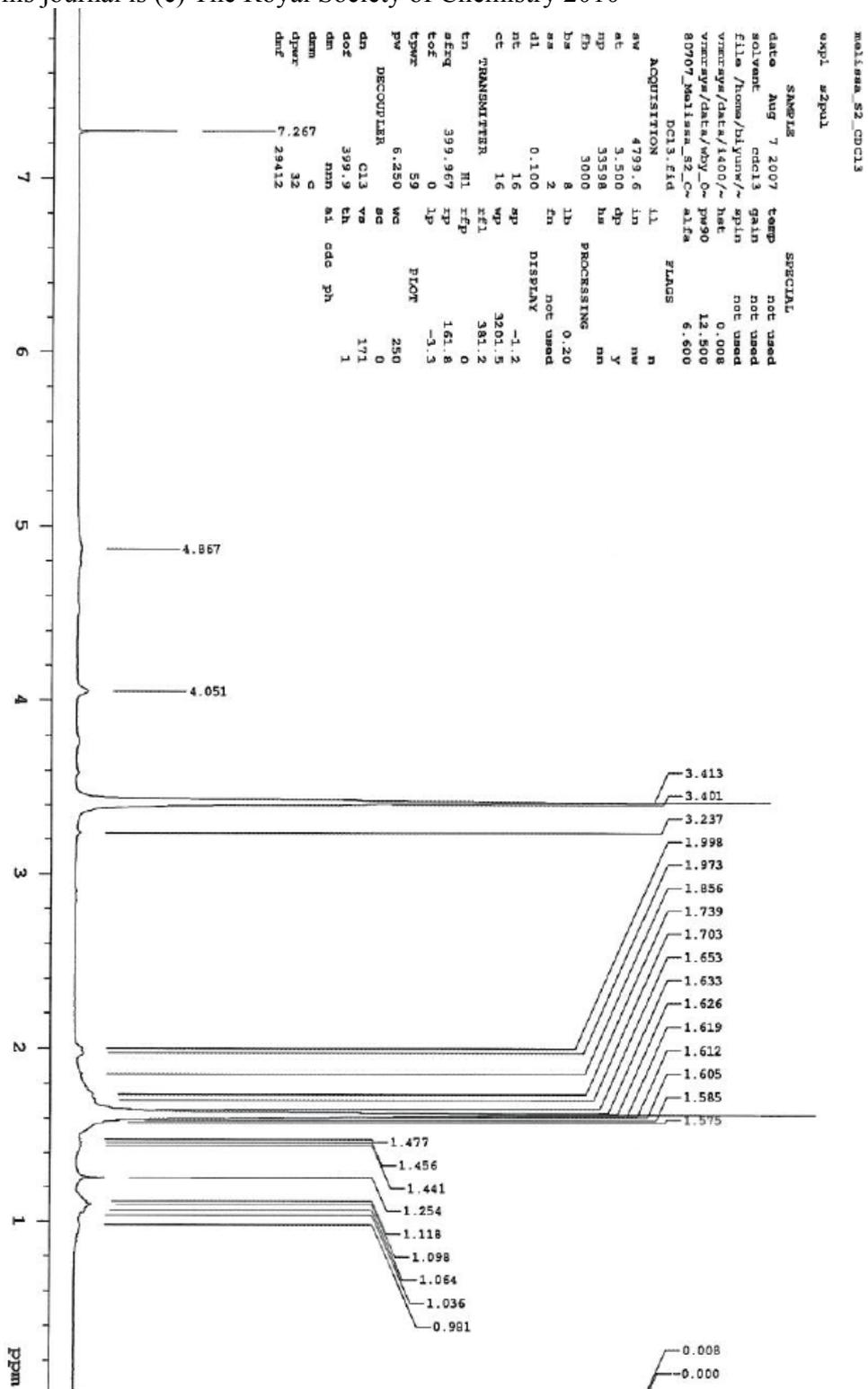
poly3



Poly4



Poly5



poly6

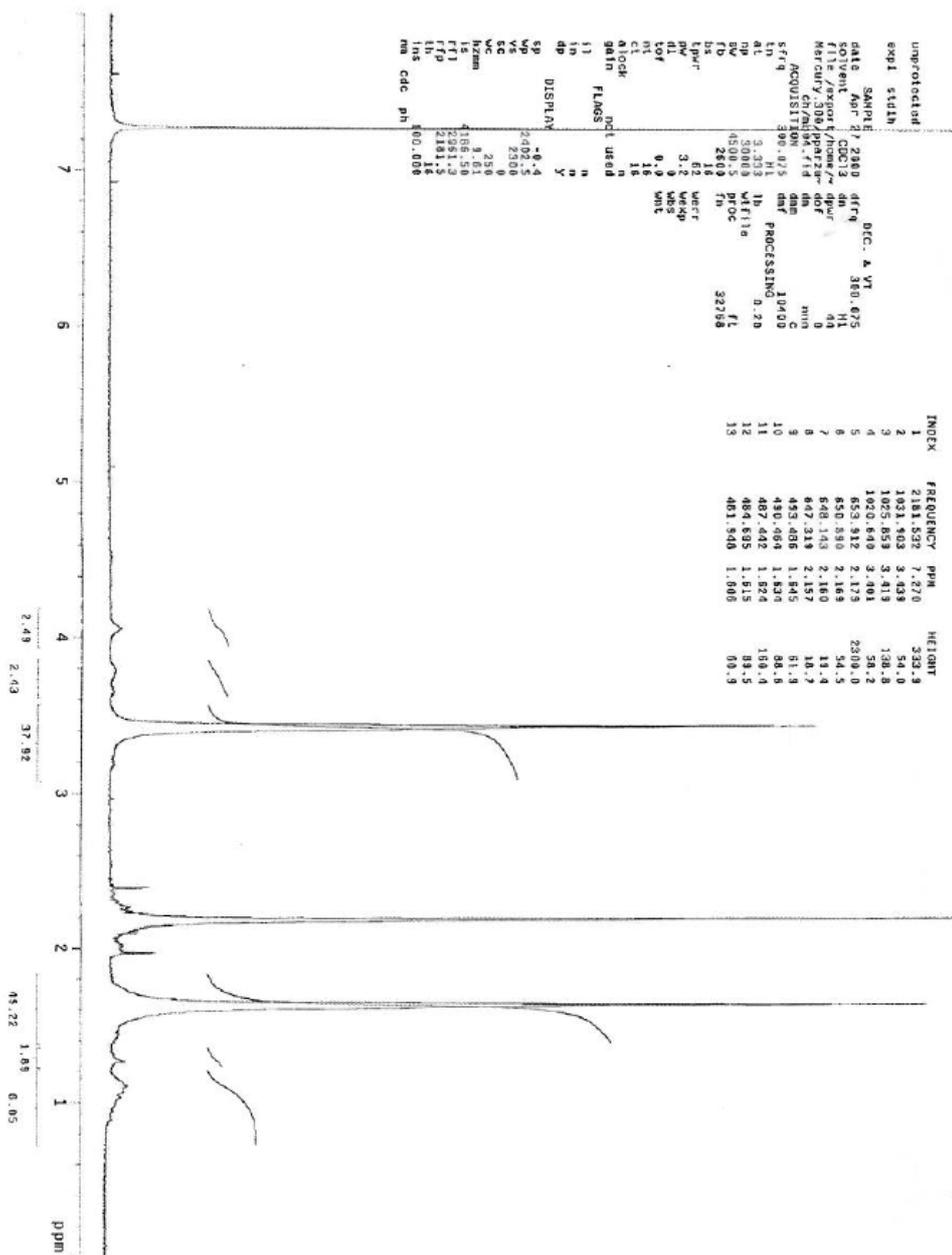


Table: Summary of NO-release data from **poly1** corresponding to Figure 1^a

Time (h)	Average NO release ($\times 10^{-6}$ mol/mg)	Standard Deviation ($\times 10^{-6}$ mol/mg)
21	0	0
48	0.00046	0.00003
72	0.0014	0.0004
98	0.0018	0.0003
121	0.0021	0.0002
171	0.0025	0.0003
263	0.0028	0.0005
430	0.0040	0.0006
574	0.0063	0.0008
623	0.0084	0.0008
725	0.0089	0.0008
837	0.0112	0.0009
934	0.0112	0.0008
1038	0.0123	0.0009
1173	0.0136	0.0009
1274	0.015	0.001
1368	0.017	0.001
1474	0.018	0.001
1584	0.019	0.001
1703	0.021	0.001
1945	0.0218	0.0005

^a average and standard deviation based on n=3 samples.