

Supporting Information

Naphthalene-based azo-azomethine chemosensor: Naked eye detection of fluoride in semi-aqueous media

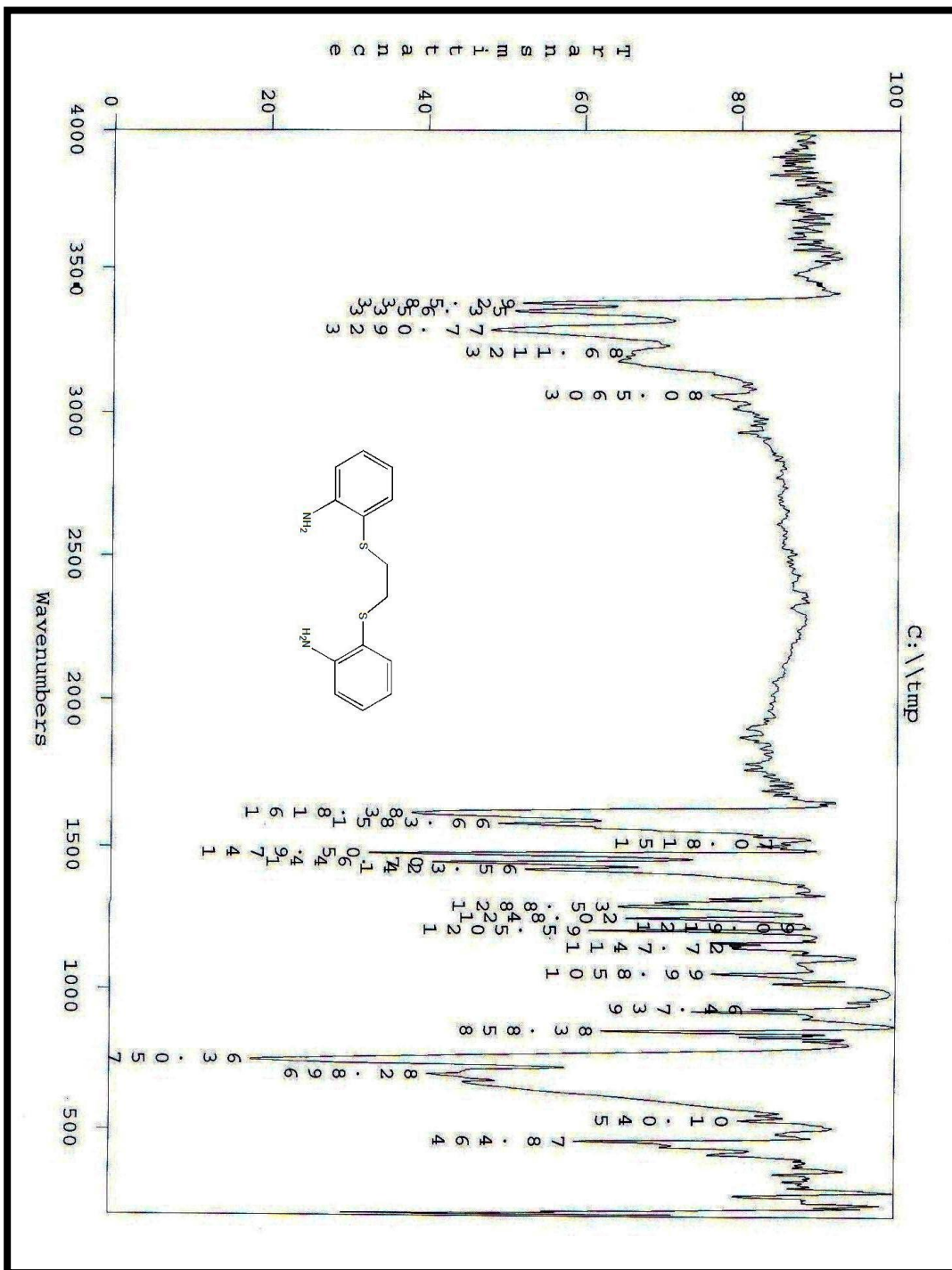
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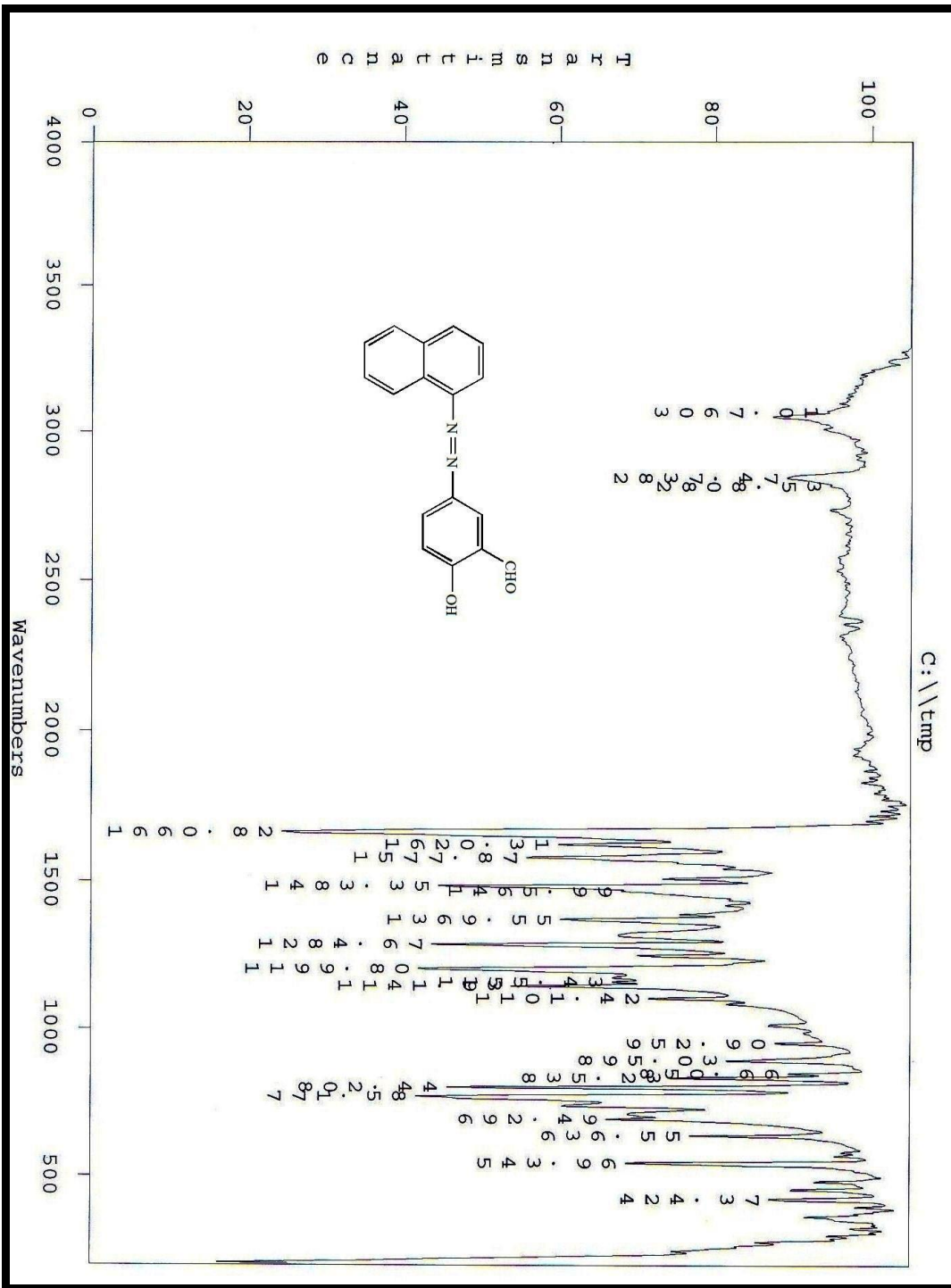
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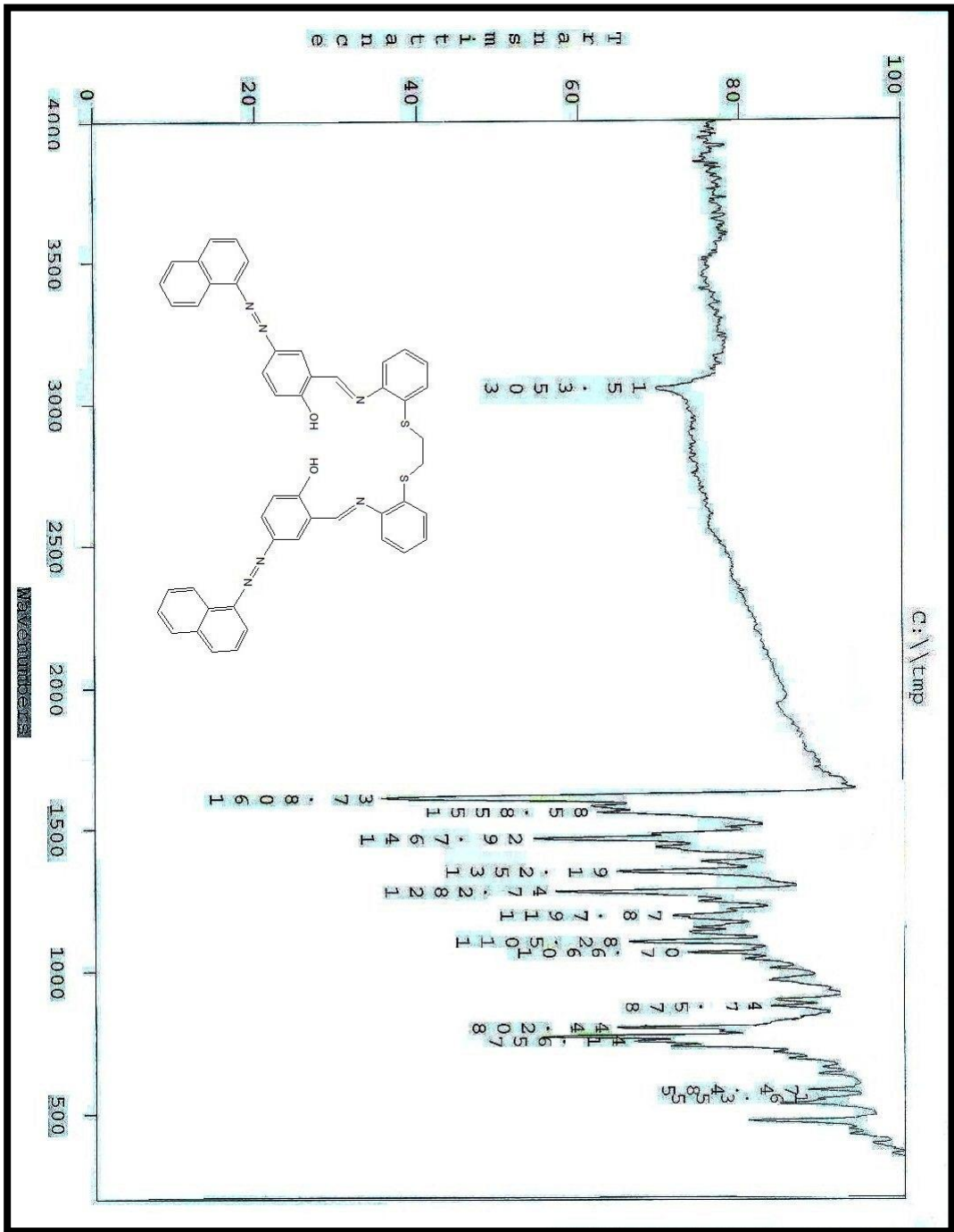
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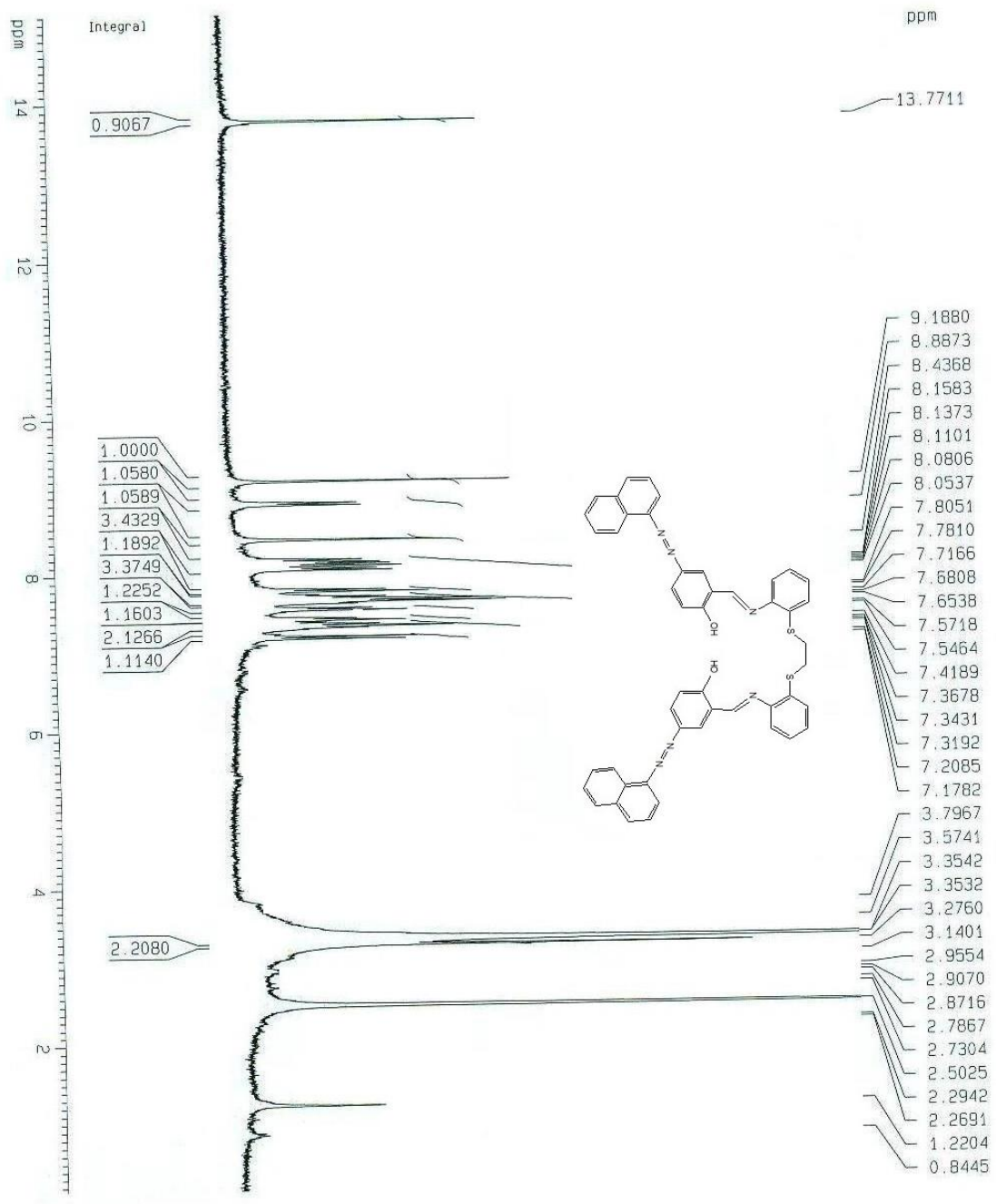
IR spectrum of 1



IR spectrum of L



IR spectrum of H₂L



Current Data Parameters

NAME	Radaree
EXPNO	12
PROCNO	1

F2 - Acquisition Parameters

Date_	20120503
Time	14.42
INSTRUM	spect
PROBHD	5 mm Multinucl
PULPROG	zg30
TD	32768
SOLVENT	DMSO
NS	10
DS	1
SMH	6172.839 Hz
FIDRES	0.188360 Hz
AQ	2.6542580 sec
RG	512
DW	81.000 usec
DE	6.00 usec
TE	293.2 K
D1	3.00000000 sec
MCREST	0.00000000 sec
MCKRC	0.01500000 sec

==== CHANNEL f1 =====

NUC1	1H
P1	7.60 usec
PL1	0.00 dB
SFO1	300.1362978 MHz

F2 - Processing parameters

SI	32768
SF	300.1300001 MHz
MW	EM
SSB	0
LB	0.30 Hz
BB	0
PC	1.00

1D NMR plot parameters:

CX	20.00 cm
CY	139.35 cm
F1P	15.113 ppm
F1	4535.97 Hz
F2P	0.145 ppm
F2	43.66 Hz
PPMCM	0.74839 ppm/cm
HZCM	224.61551 Hz/cm

¹H NMR spectrum of H₂L

