

Supporting Information

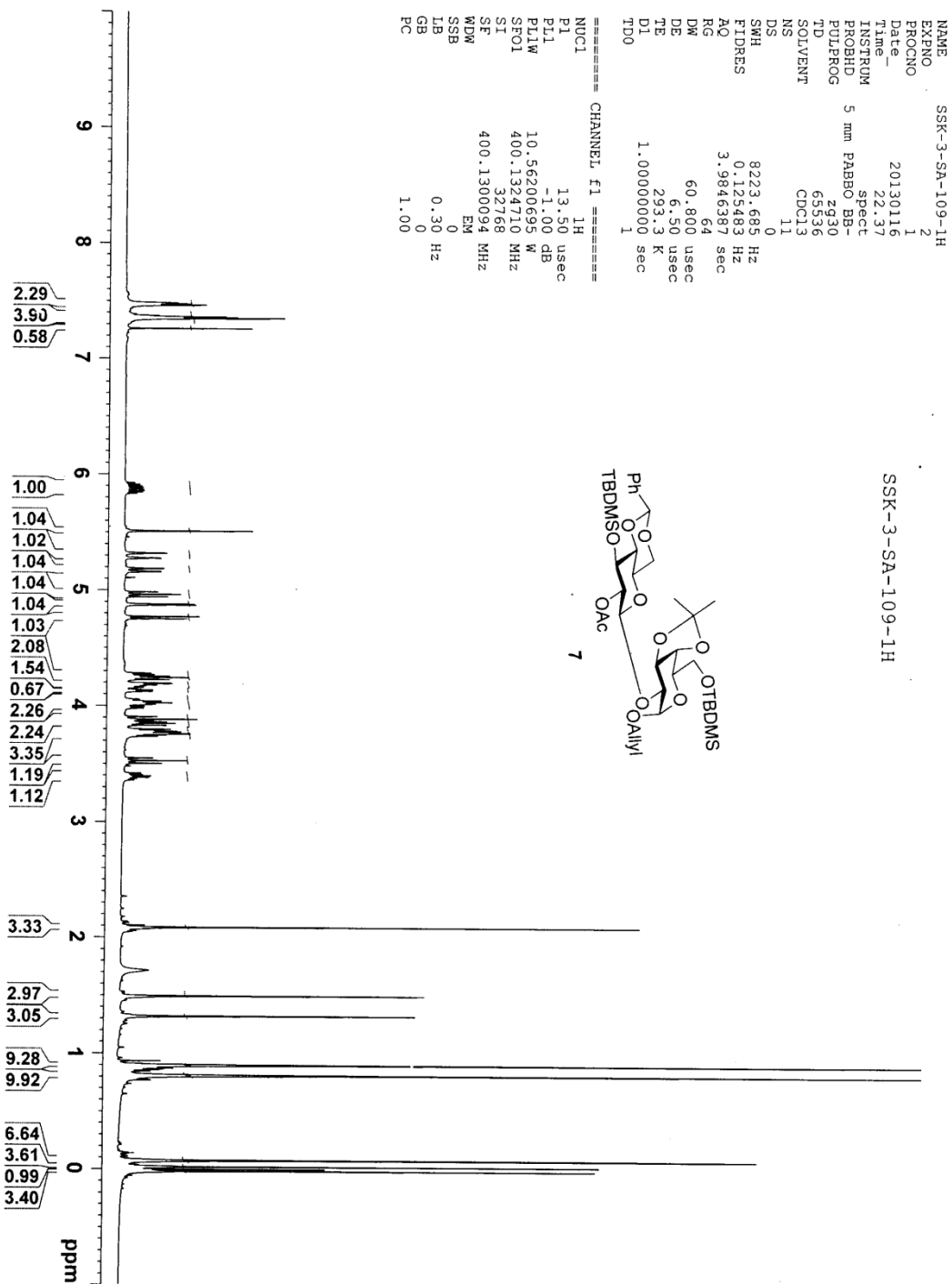
Synthesis of the Trisaccharide Moiety and a Cholesteryl Analog of Phyteumosides

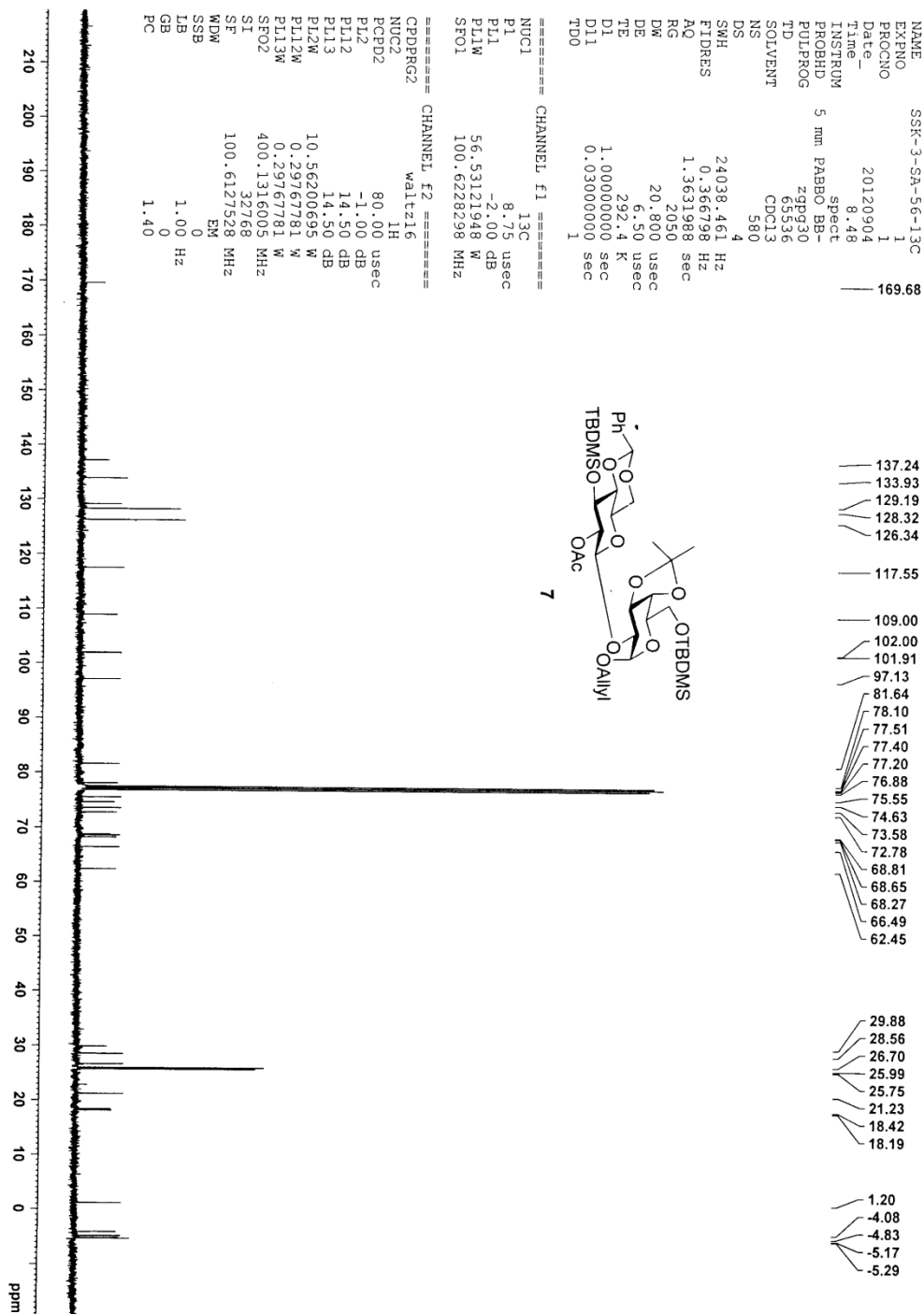
Sanjoy Adak, Madhu Emmadi and Suvarn S. Kulkarni*

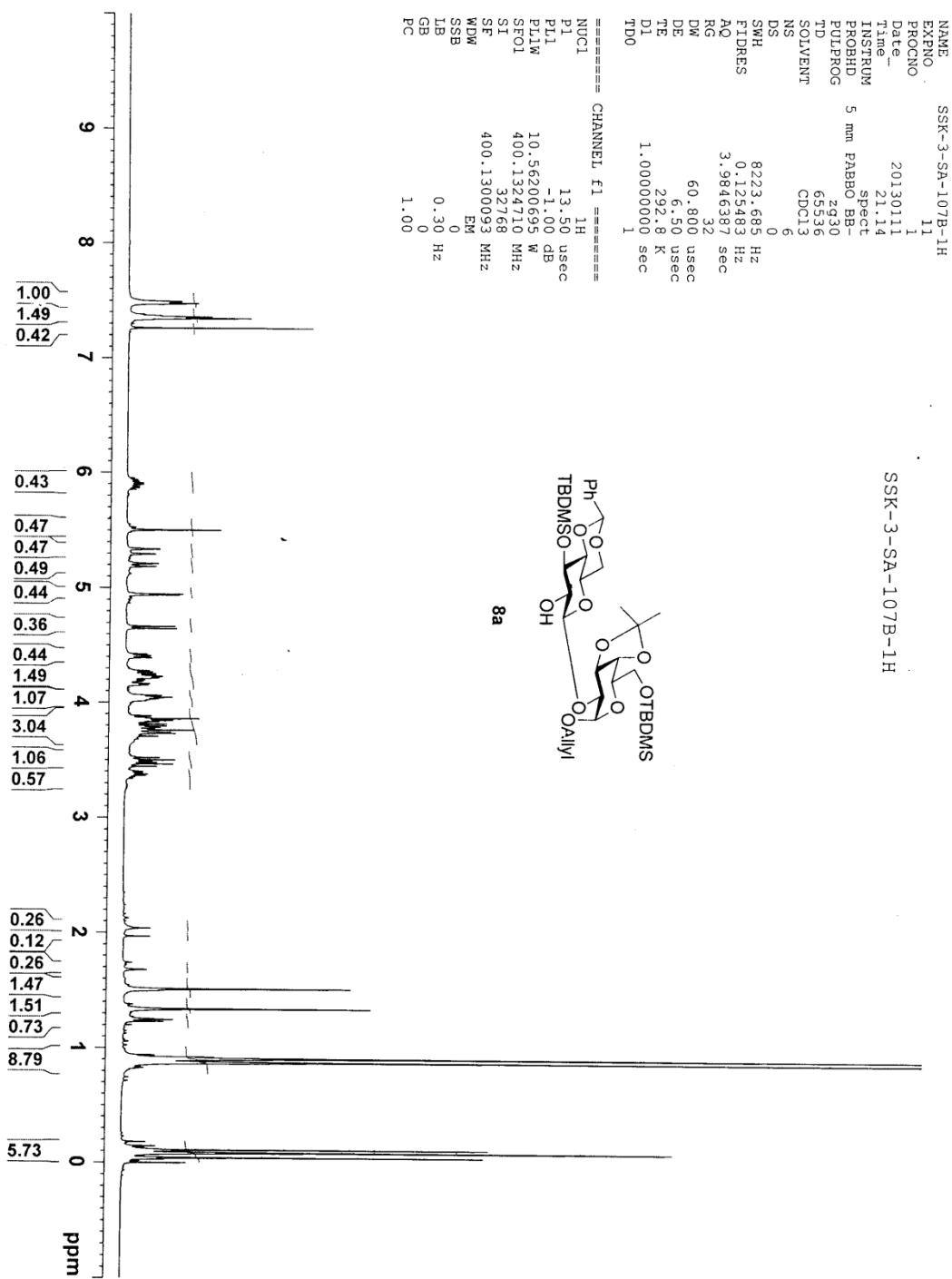
Department of Chemistry, Indian Institute of Technology Bombay, Mumbai 400076, India.

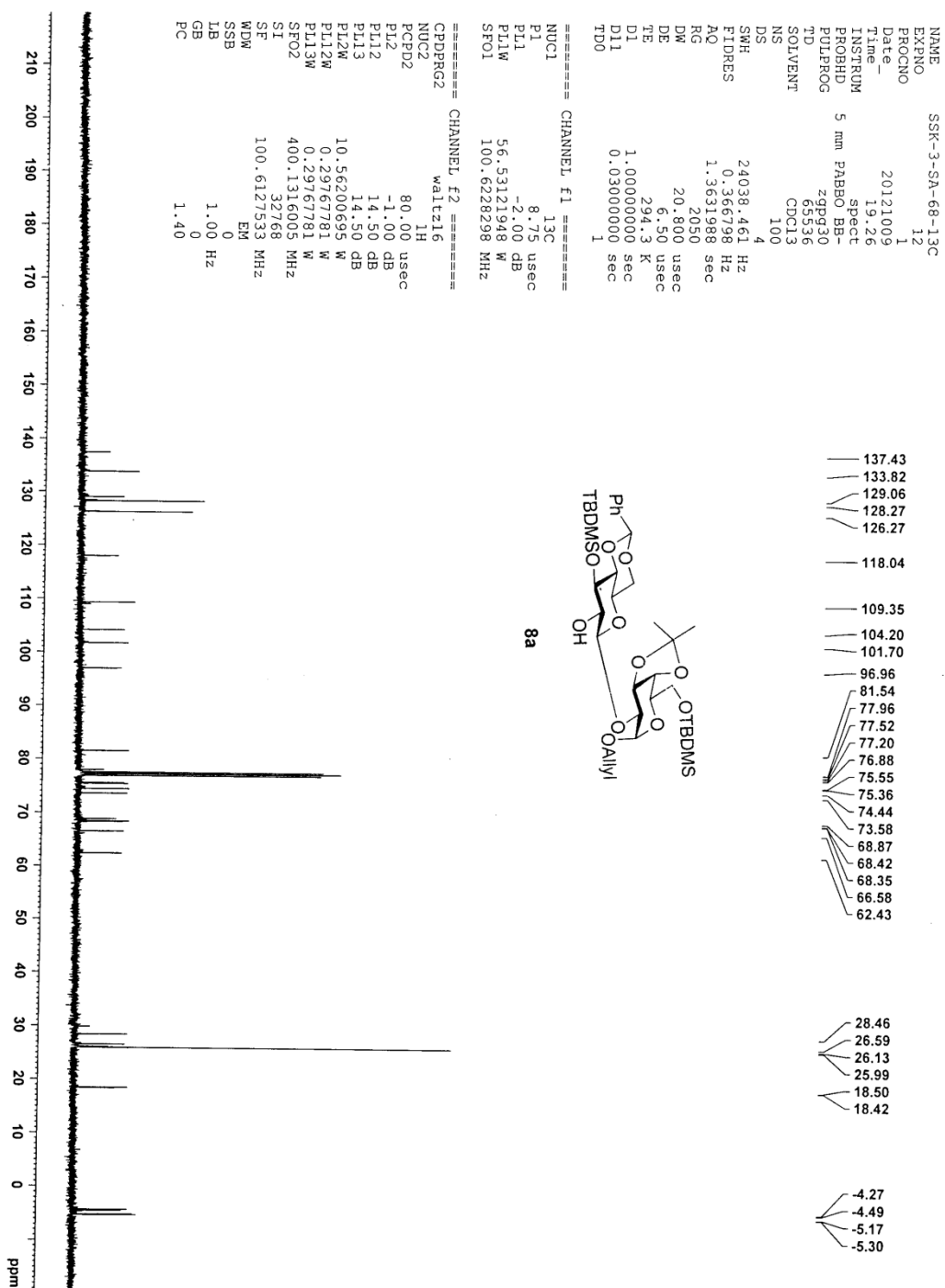
E-mail: suvarn@chem.iitb.ac.in

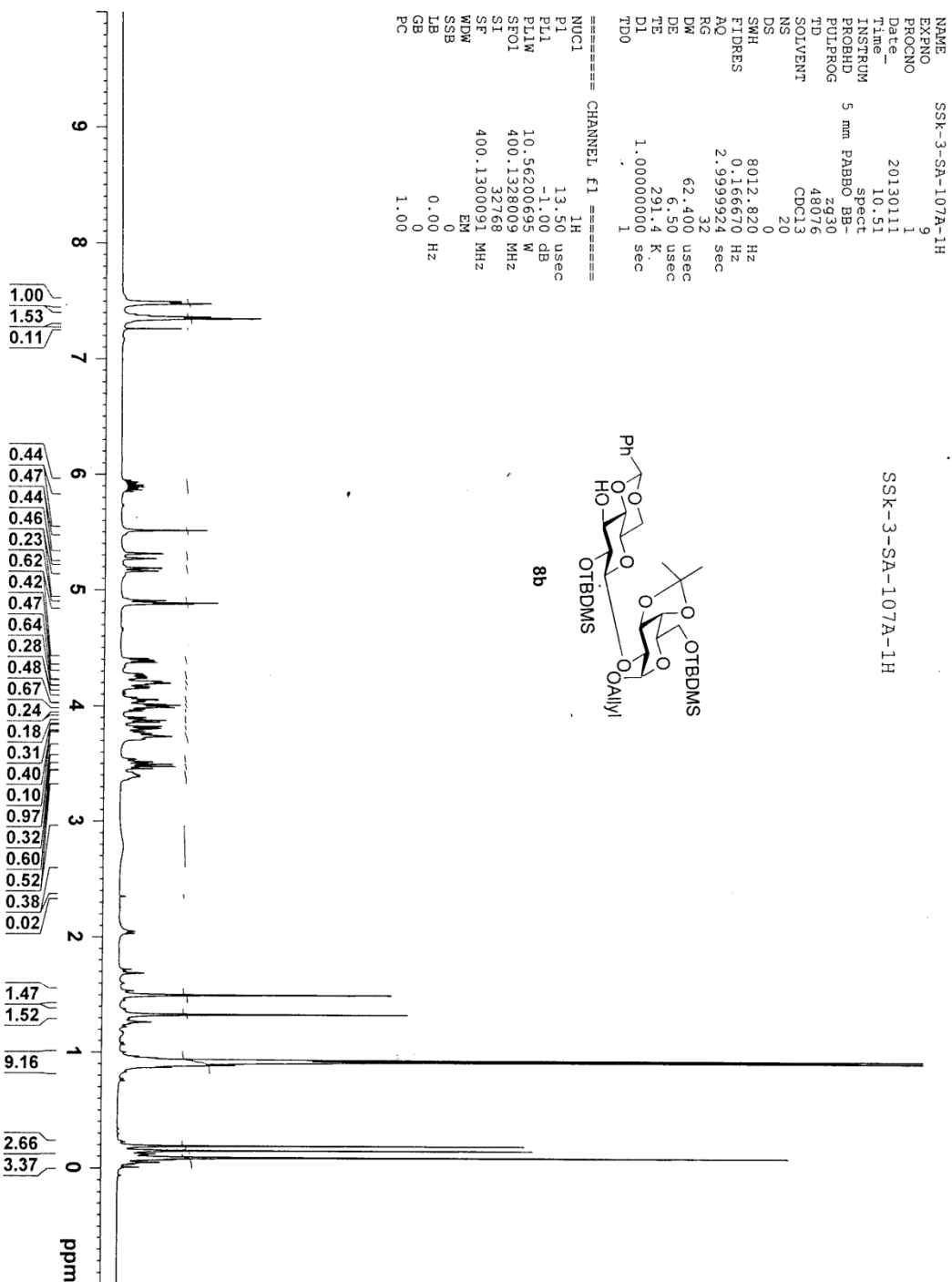
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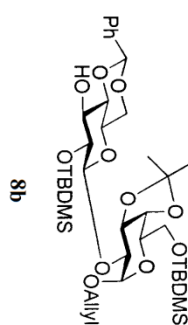
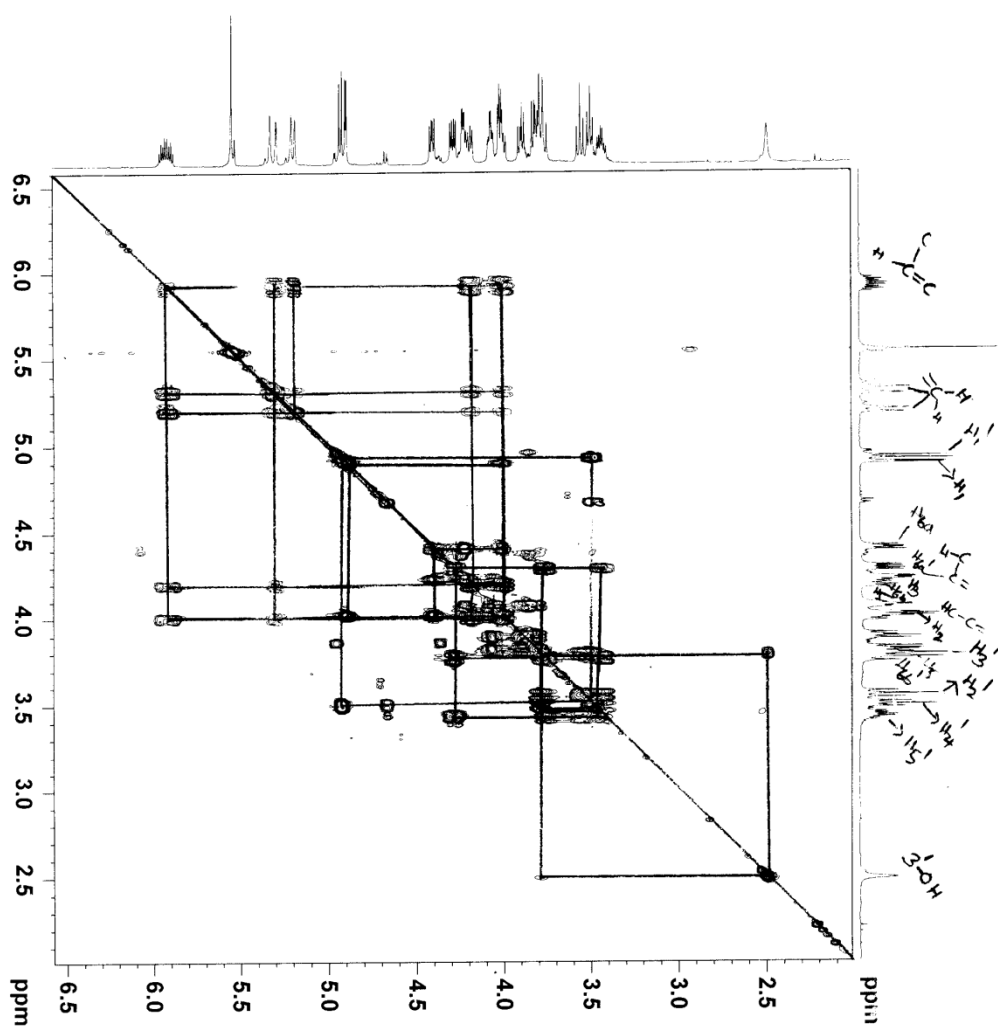


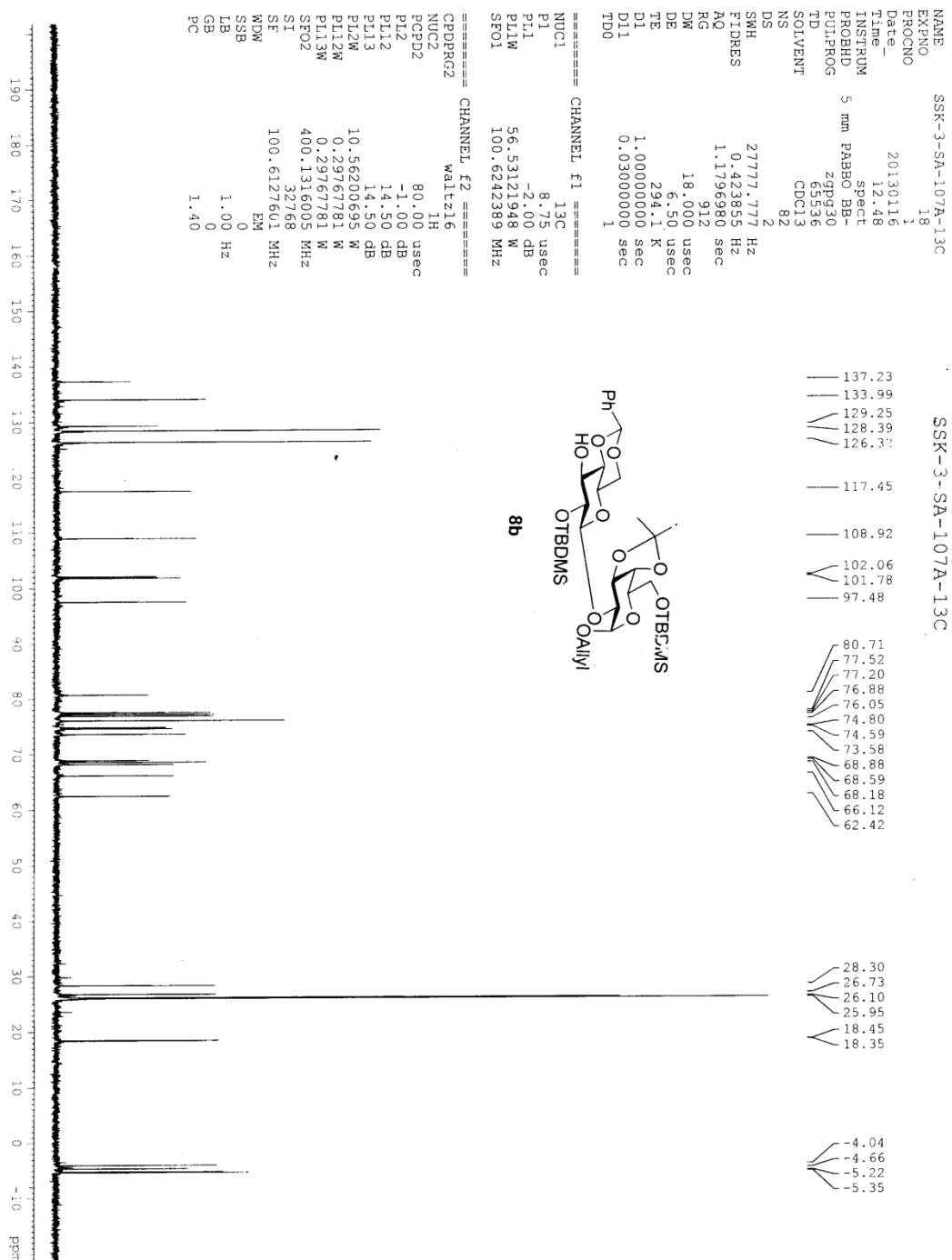


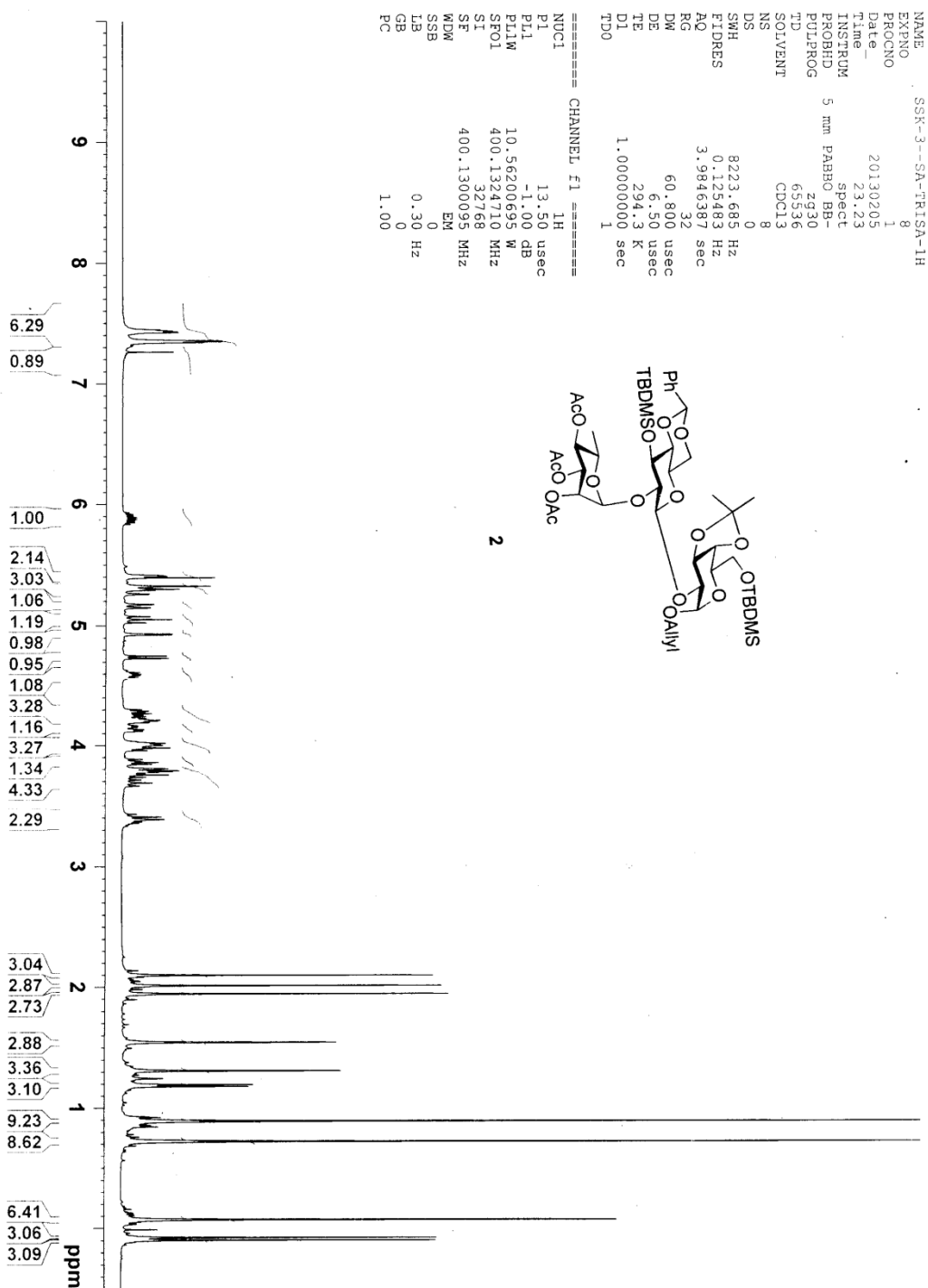


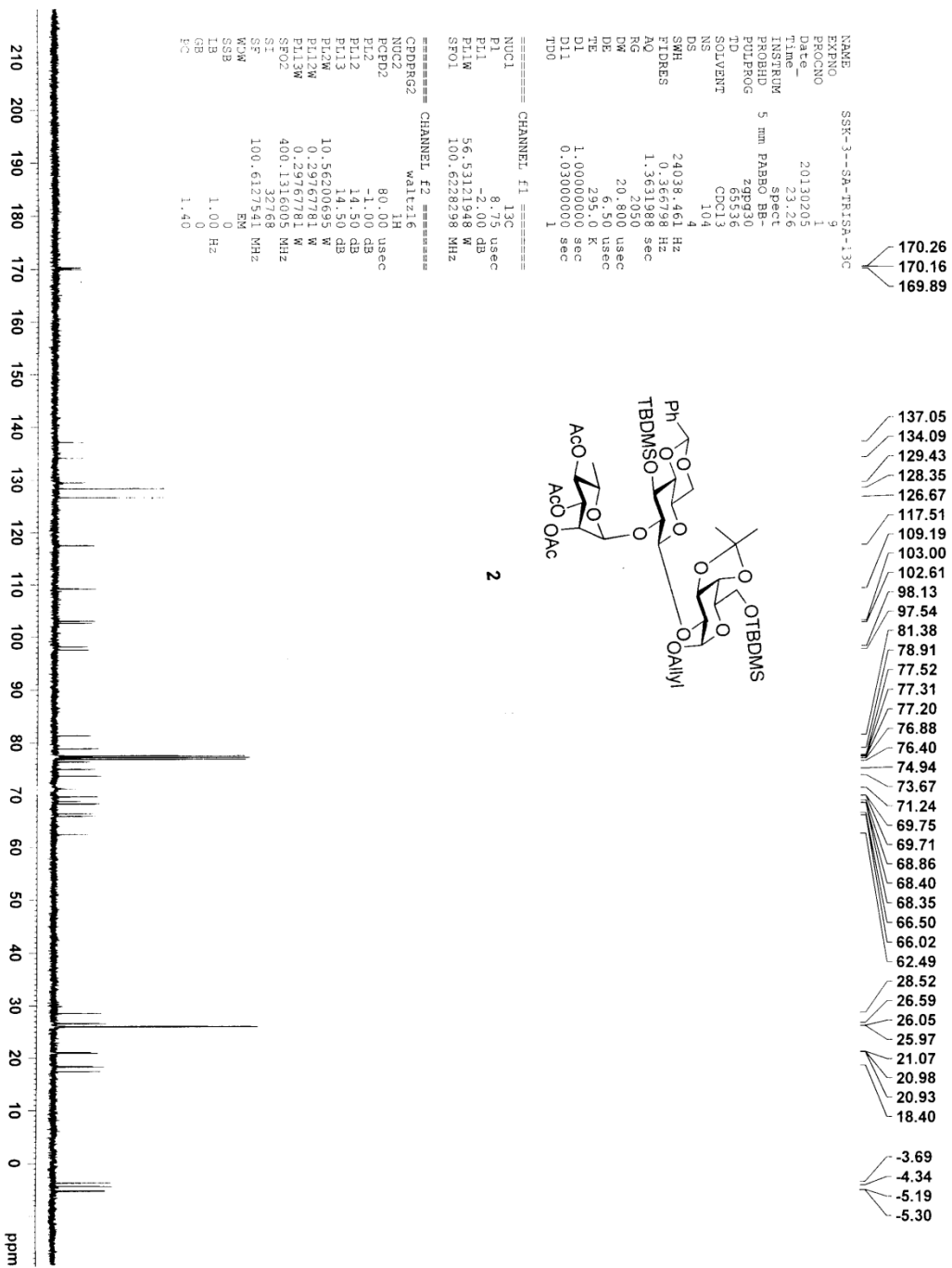


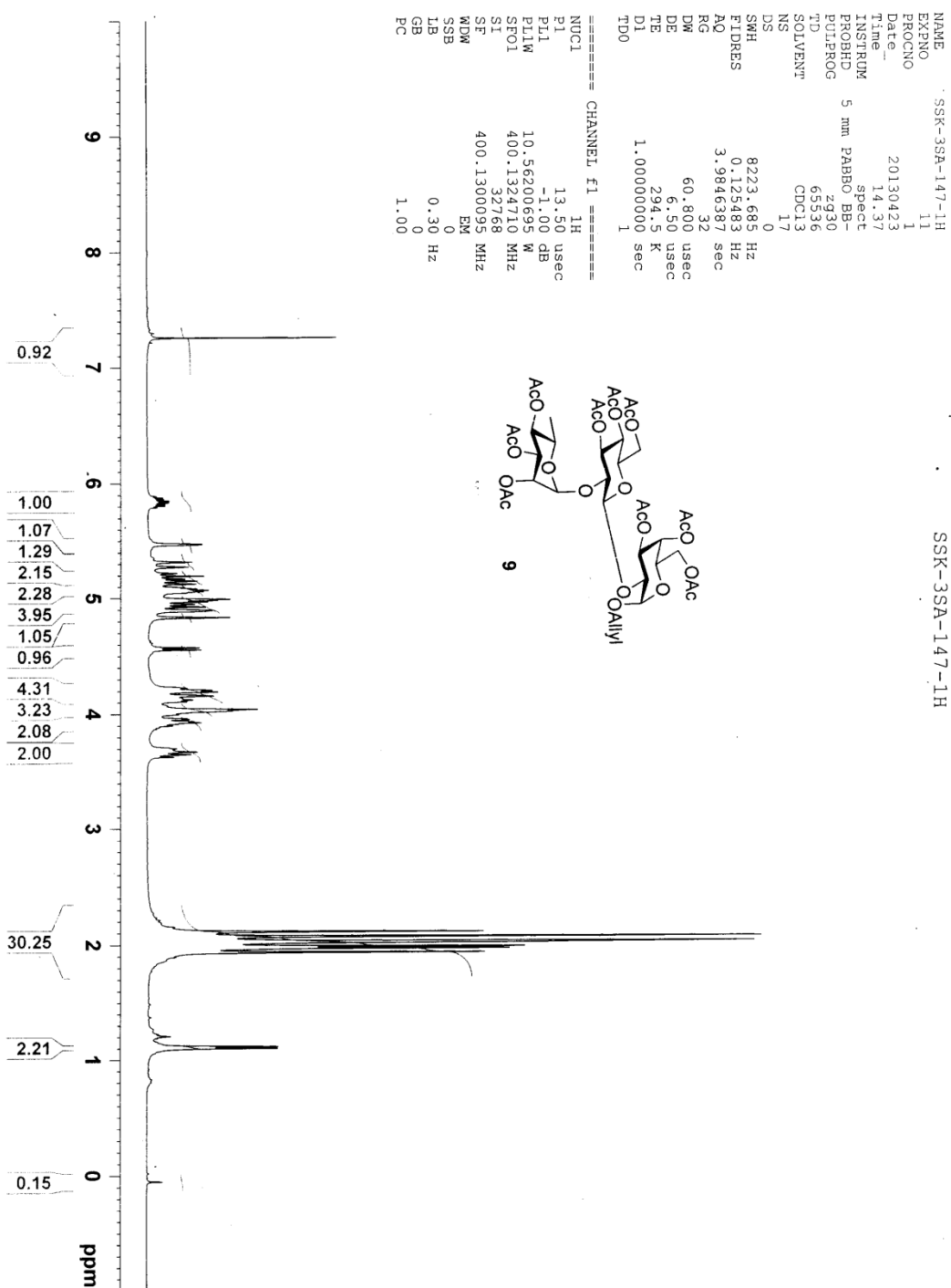
SSK-3-SA-3-OH-COSY











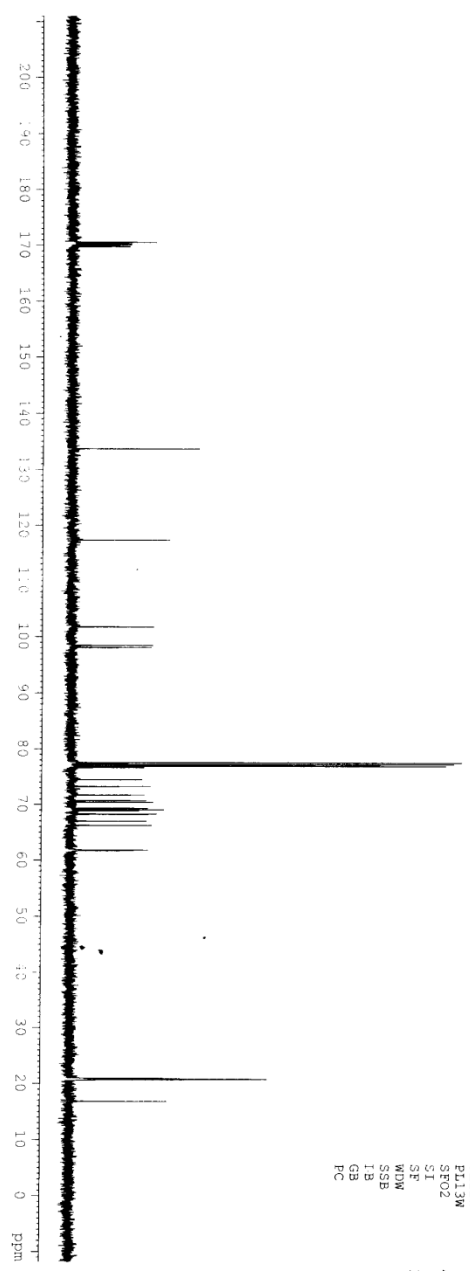
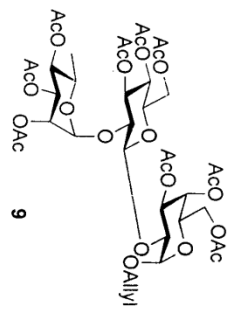
SSK-3-SA-147-13C

170.56
 170.49
 170.39
 170.30
 170.24
 170.17
 169.86
 169.79

133.68
 117.32

101.76
 98.46
 98.09
 98.09
 77.55
 77.40
 77.20
 76.88
 76.63
 74.46
 73.25
 71.72
 70.72
 70.42
 69.34
 69.07
 68.89
 68.31
 68.23
 66.99
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 61.71

20.96
 20.87
 20.81
 20.78
 20.74
 20.71
 20.67
 16.82

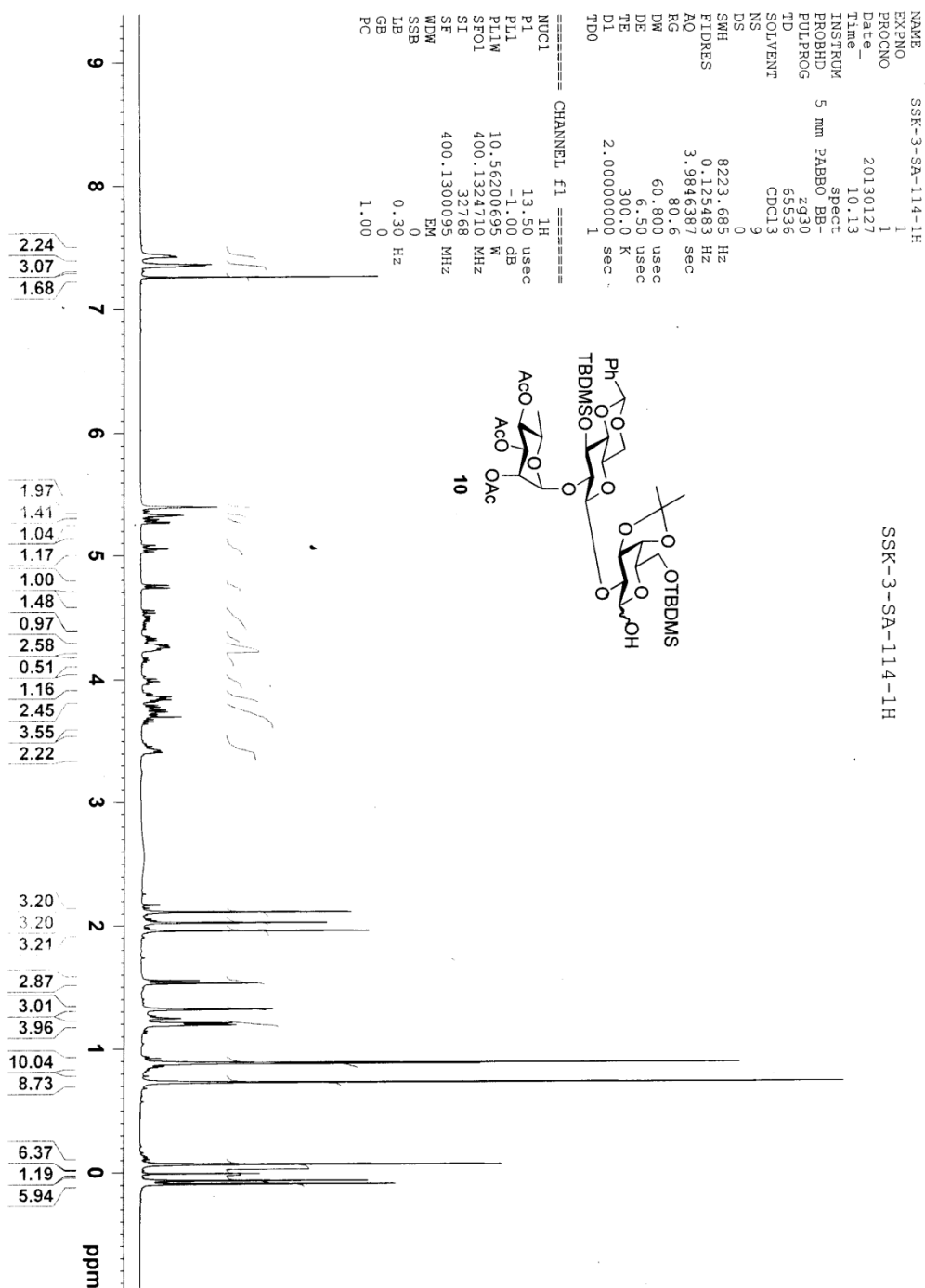


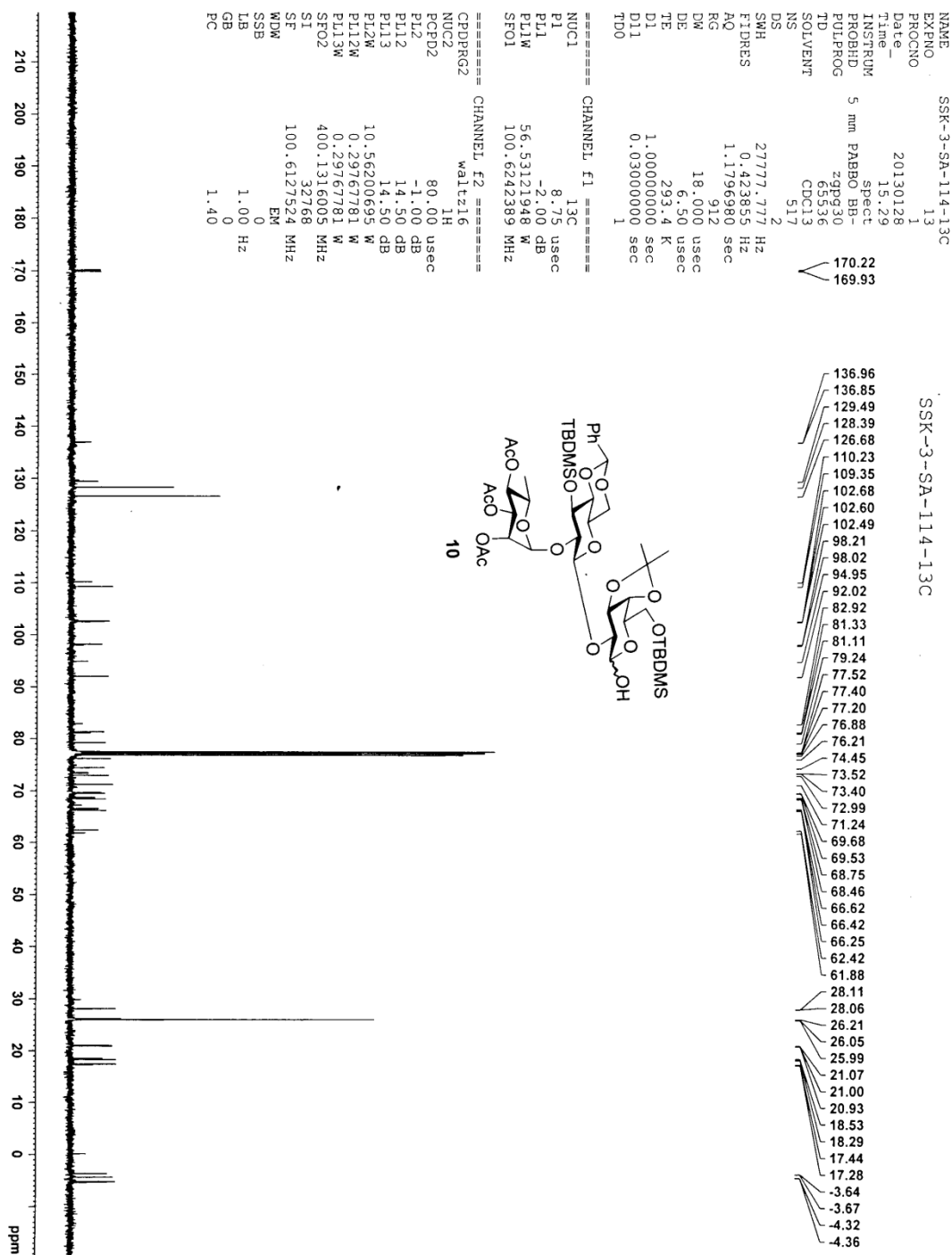
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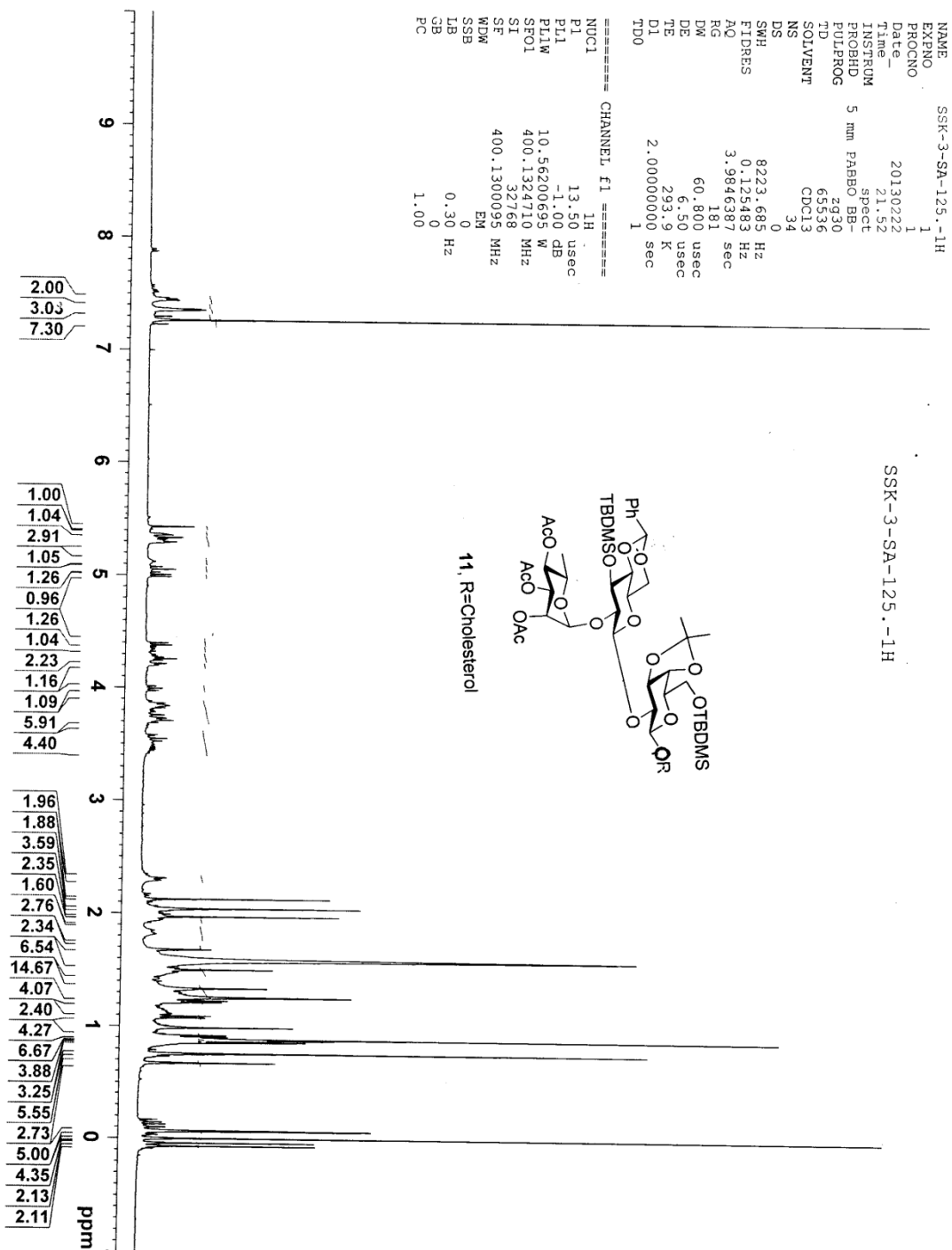
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EXPNO 1
PROCNO 1
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INSTRUM spect
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PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 106
DS 4
SWH 27773.777 Hz
FIDRES 0.423855 Hz
AQ 1.1756980 sec
RG 912
DE 18.000 usec
TE 294.9 K
D1 1.00000000 sec
D11 0.03000000 sec
TD0 1

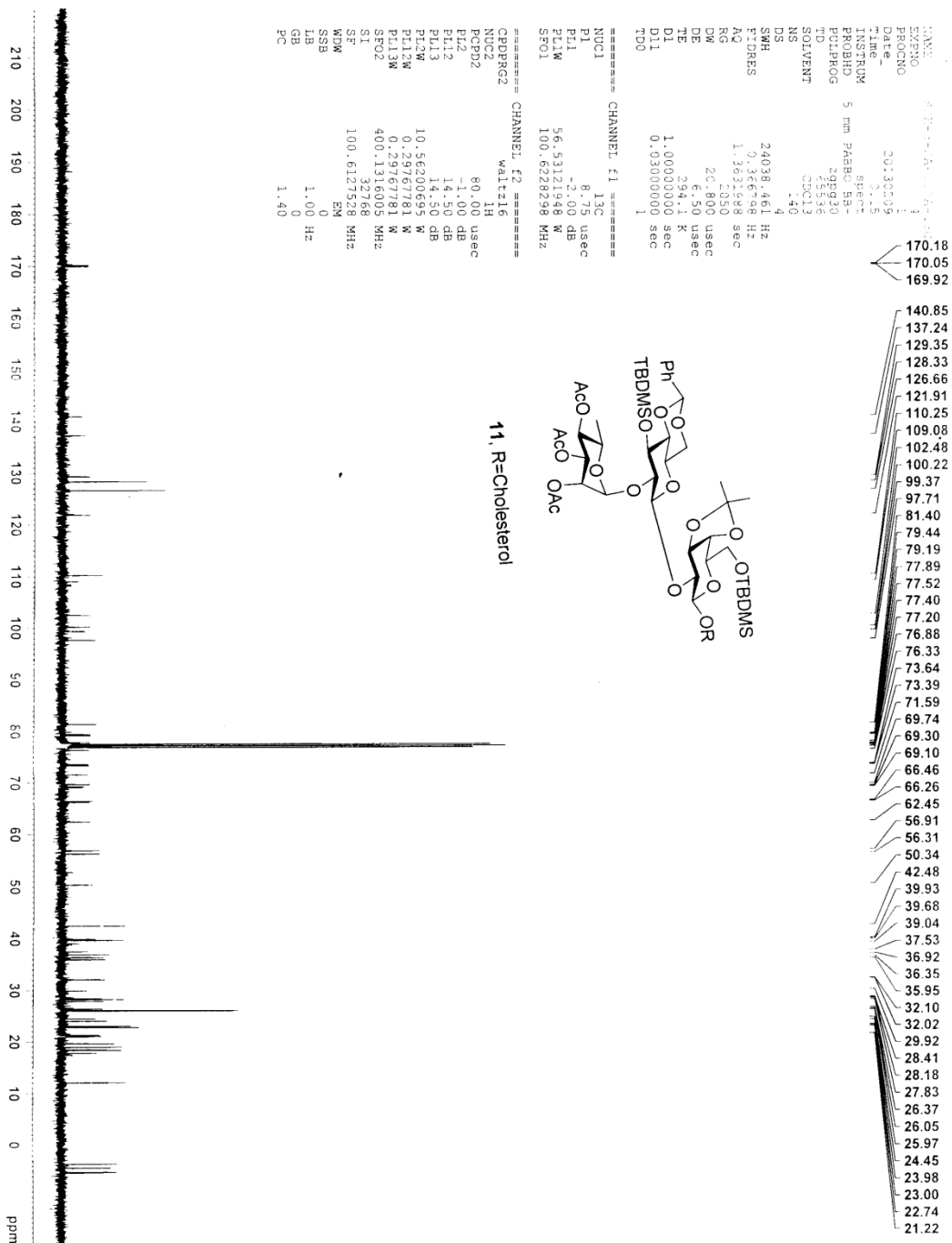
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NUC1 13C
P1 8.75 usec
PL1 -2.00 dB
PULW 56.53121948 W
SFO1 100.6242389 MHz

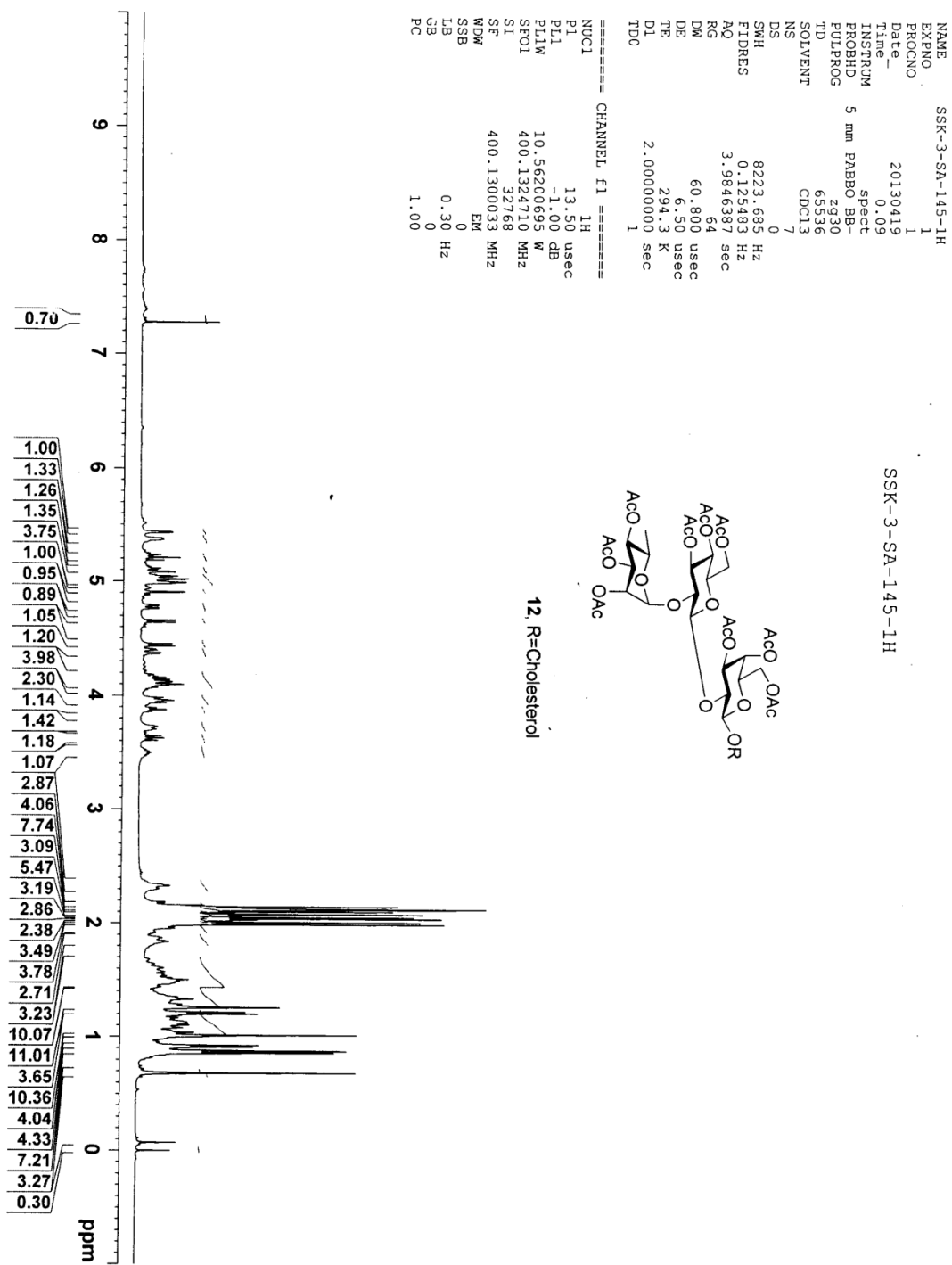
===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 13C
PCPD2 90.00 usec
PL2 -1.00 dB
PL12 14.50 dB
PL13 14.50 dB
PL2W 10.56200695 W
PL12W 0.29787781 W
PL13W 0.29787781 W
SFO2 400.1316005 MHz
SI 32768
SF 100.6127566 MHz
WDW EM
SSB 0
IB 1.00 Hz
GB 0
PC 1.40
    
```

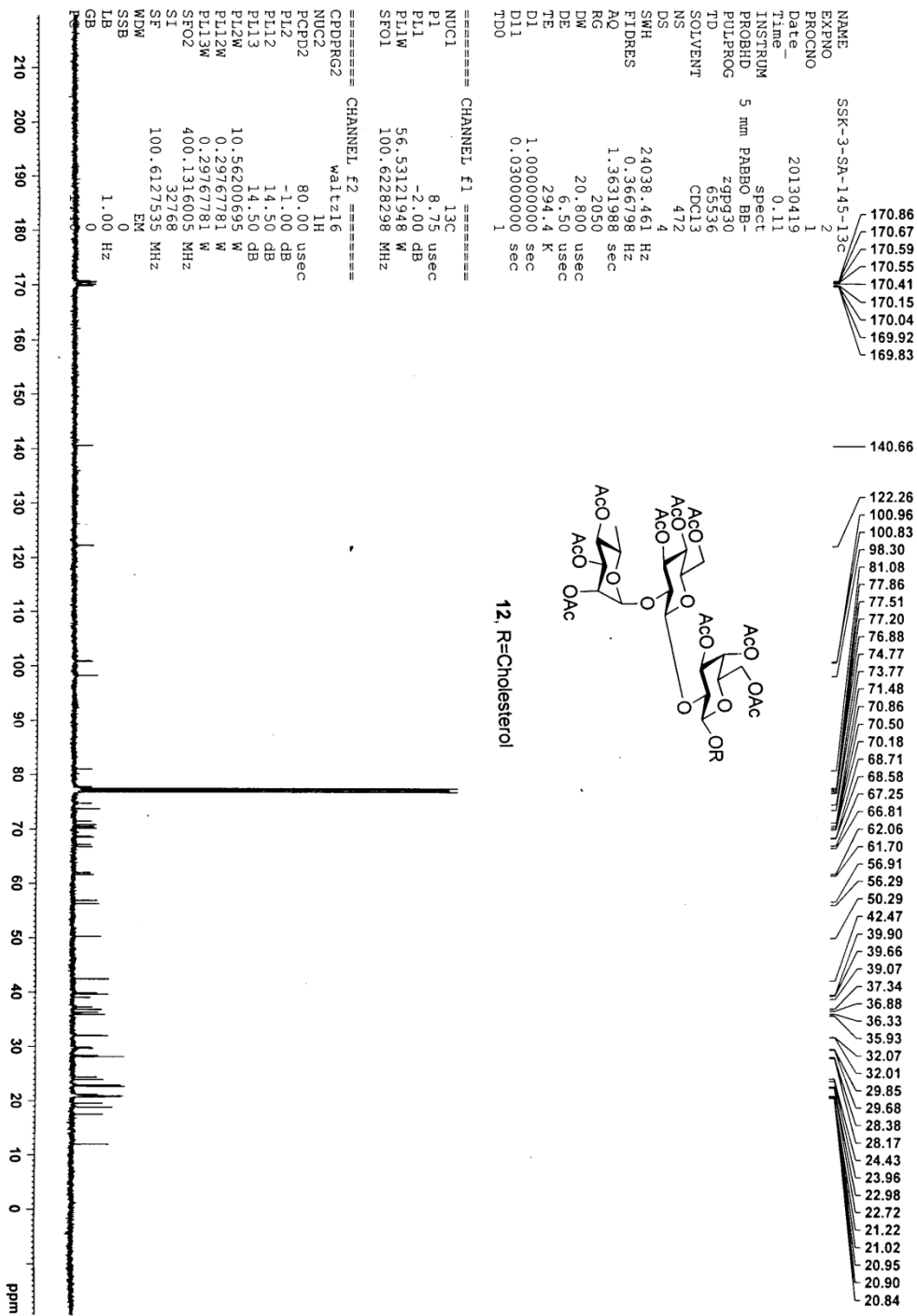












SSK-3-SA-135-1H

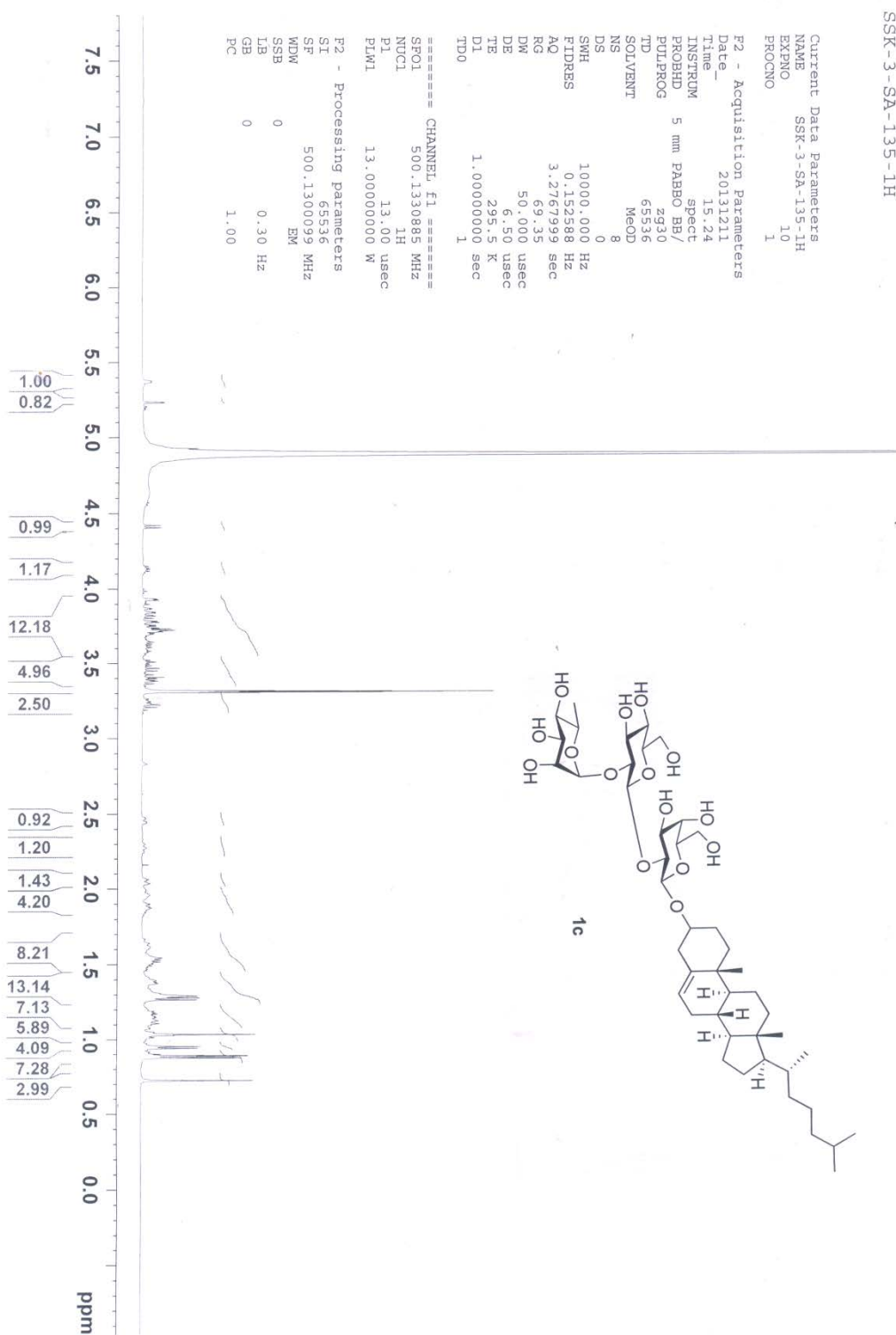
Current Data Parameters
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EXPNO 10
PROCNO 1

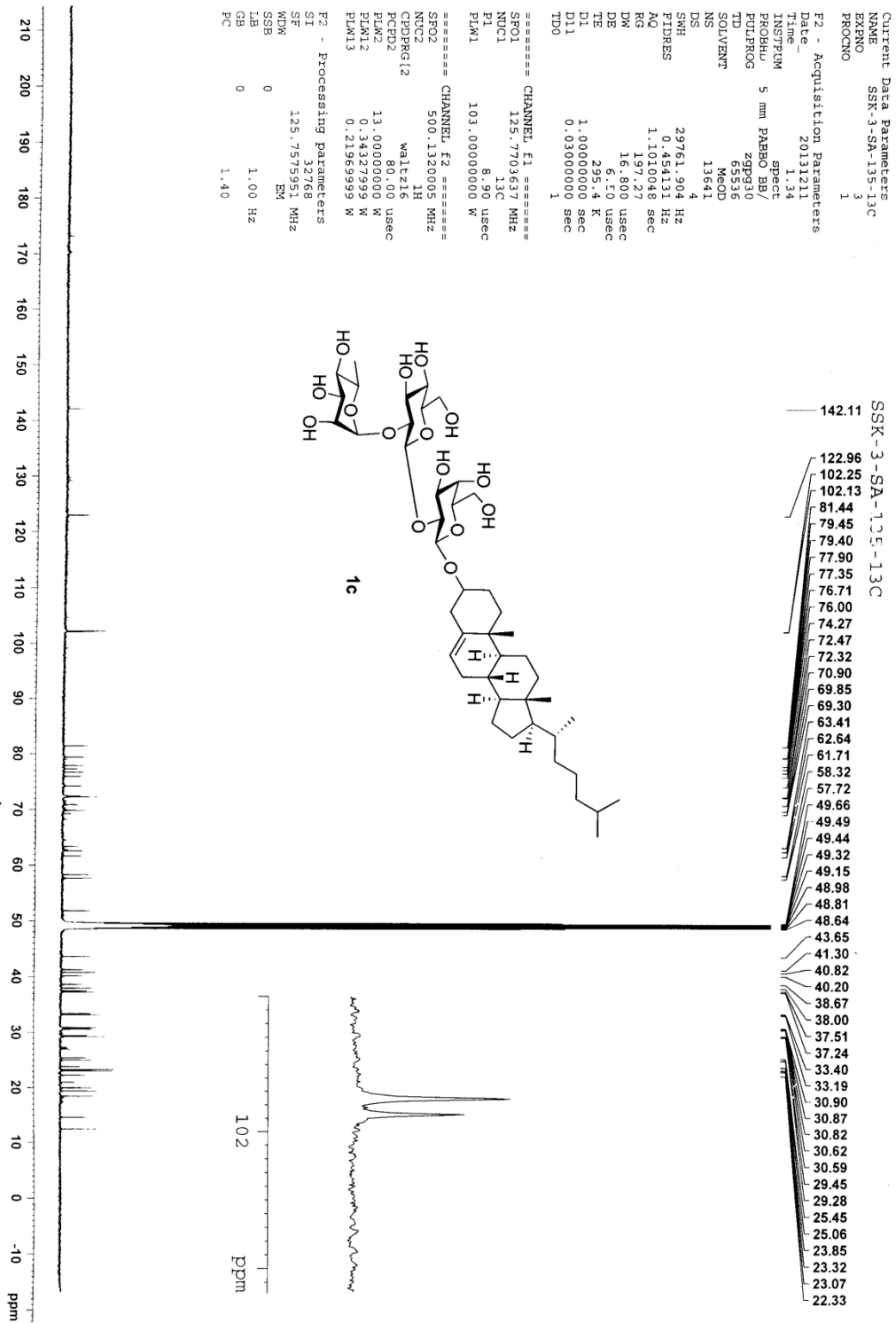
F2 - Acquisition Parameters

Date_ 20131211
Time 15.24
INSTRUM spect
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PULPROG zg30
TD 65536
SOLVENT MeOD
NS 8
DS 0
SMH 10000.000 Hz
FIDPRES 0.152588 Hz
AQ 3.2767999 sec
RG 69.35
DW 50.000 usec
DE 6.50 usec
TE 295.5 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
SF01 500.1330885 MHz
NUC1 1H
P1 13.00 usec
PLM1 13.00000000 W

F2 - Processing parameters
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SF 500.1300099 MHz
MDW 0
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

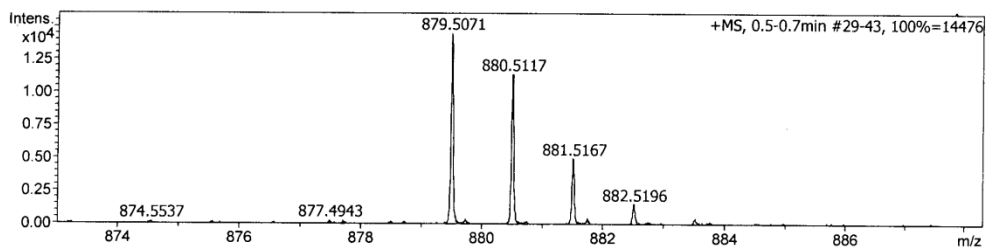
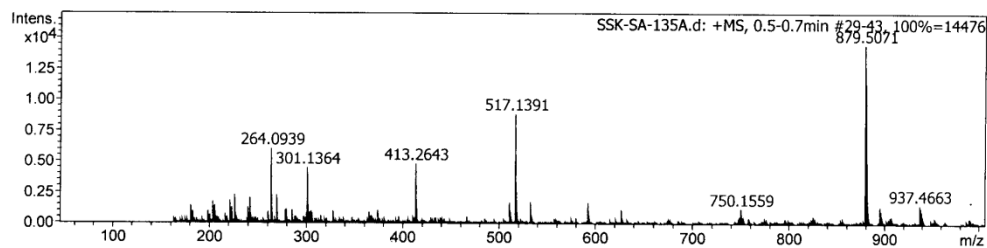




Indian Institute of Technology (B)

Analysis Info
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 Comment C45H76O15
 Acquisition Date 12/10/2013 3:08:17 PM
 Operator DM OUT
 Instrument maXis impact 282001.00081

Acquisition Parameter
 Source Type ESI Ion Polarity Positive Set Nebulizer 0.3 Bar
 Focus Active Set Capillary 3500 V Set Dry Heater 180 °C
 Scan Begin 50 m/z Set End Plate Offset -500 V Set Dry Gas 4.0 l/min
 Scan End 1000 m/z Set Collision Cell RF 400.0 Vpp Set Divert Valve Source



Meas. m/z	#	Ion Formula	m/z	err [ppm]	mSigma	# Sigma	Score	rdb	e ⁻ Conf	N-Ruie
879.5071	1	C45H76NaO15	879.5076	-0.6	155.0	1	100.00	7.5	even	ok

