

ICG **INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Cat No.: 19-889

Product: **SUBEROYLANILIDE HYDROXAMIC ACID
(SAHA)**

Lot Number: 0612106

Chemical Formula: $C_{14}H_{20}N_2O_3$

Molecular Weight: 263.33

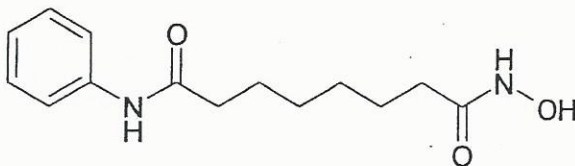
Melting Point: 160-162°C

Appearance: White powder

Solubility: DMSO

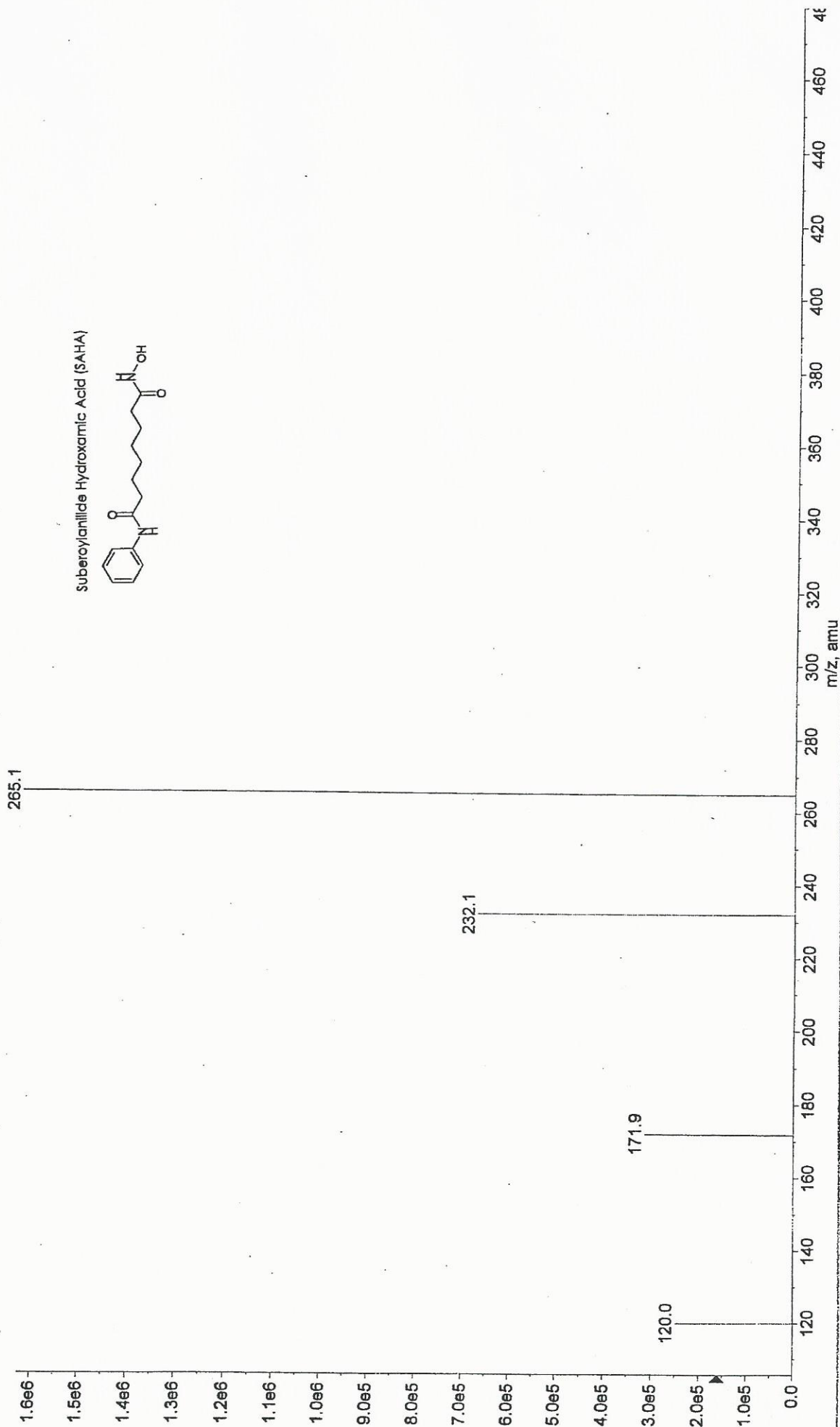
Mass Spectrum: M+1=265.1

Purity (HPLC): 99+%

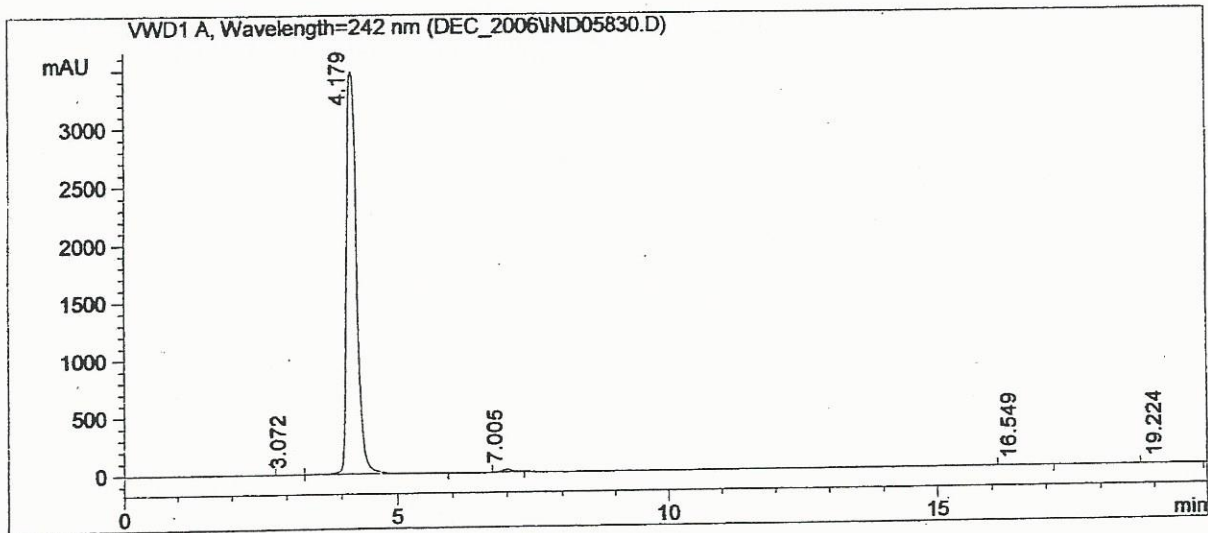


+Q1: 0.301 to 0.952 min from Sample 54 (SAHA) of 181206A.wiff (Turbo Spray), subtracted (0.100 to 0.200 min), Smoothed, Baselin...

M



Column :Inertsil C-18, 150 X 4.6mmX 5.0um
 Flow :0.50 ml/min.
 Mobile Phase:A(50% Water,0.05%TFA):B(50% ACN)



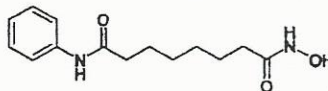
Signal 1: VWD1 A, Wavelength=242 nm

Peak #	RT [min]	Type	Width [min]	Area	Area %
1	3.072	BB	0.306	20.780	0.048
2	4.179	BBA	0.192	43035.809	99.187
3	7.005	PB	0.189	266.917	0.615
4	16.549	BBA	0.357	36.396	0.084
5	19.224	BBA	0.390	28.660	0.066

Analysed By

*** End of Report ***

Suberoylanilide Hydroxamic Acid (SAHA)





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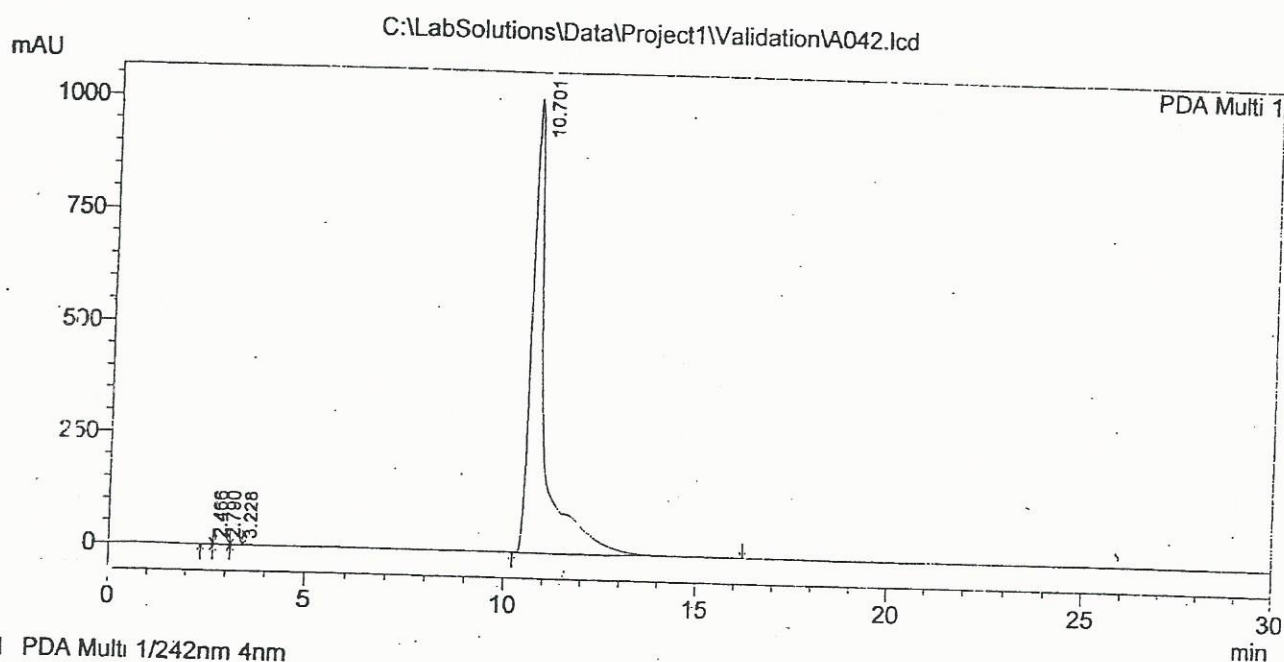
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Sample Name : SAMPLE -01
Sample ID : SAMPLE-01
Data File Name : A042.lcd
Method File Name : SAMPLE.lcm

<Chromatogram>

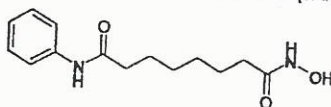


PDA Ch1 242nm 4nm

PeakTable

Name	Ret. Time	Area	Area %
RT2.466	2.466	8786	0.033
RT2.790	2.790	15624	0.059
RT3.228	3.228	5463	0.021
RT10.701	10.701	26439260	99.887
		26469133	100.000

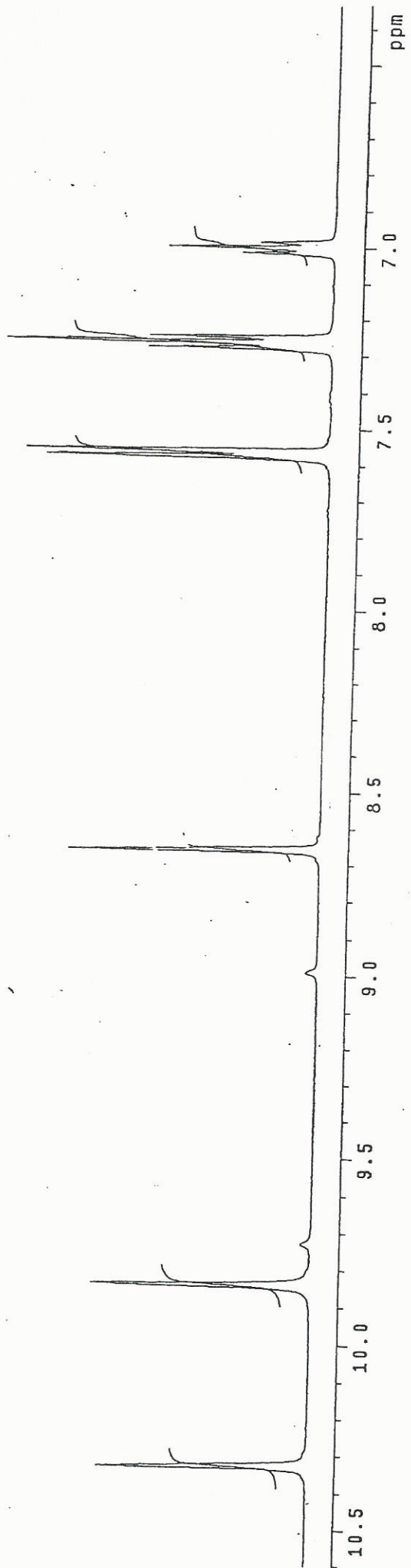
Suberoylanilide Hydroxamic Acid (SAHA)



SAHA
H1 DMSO-D6

Pulse Sequence: s2pu1

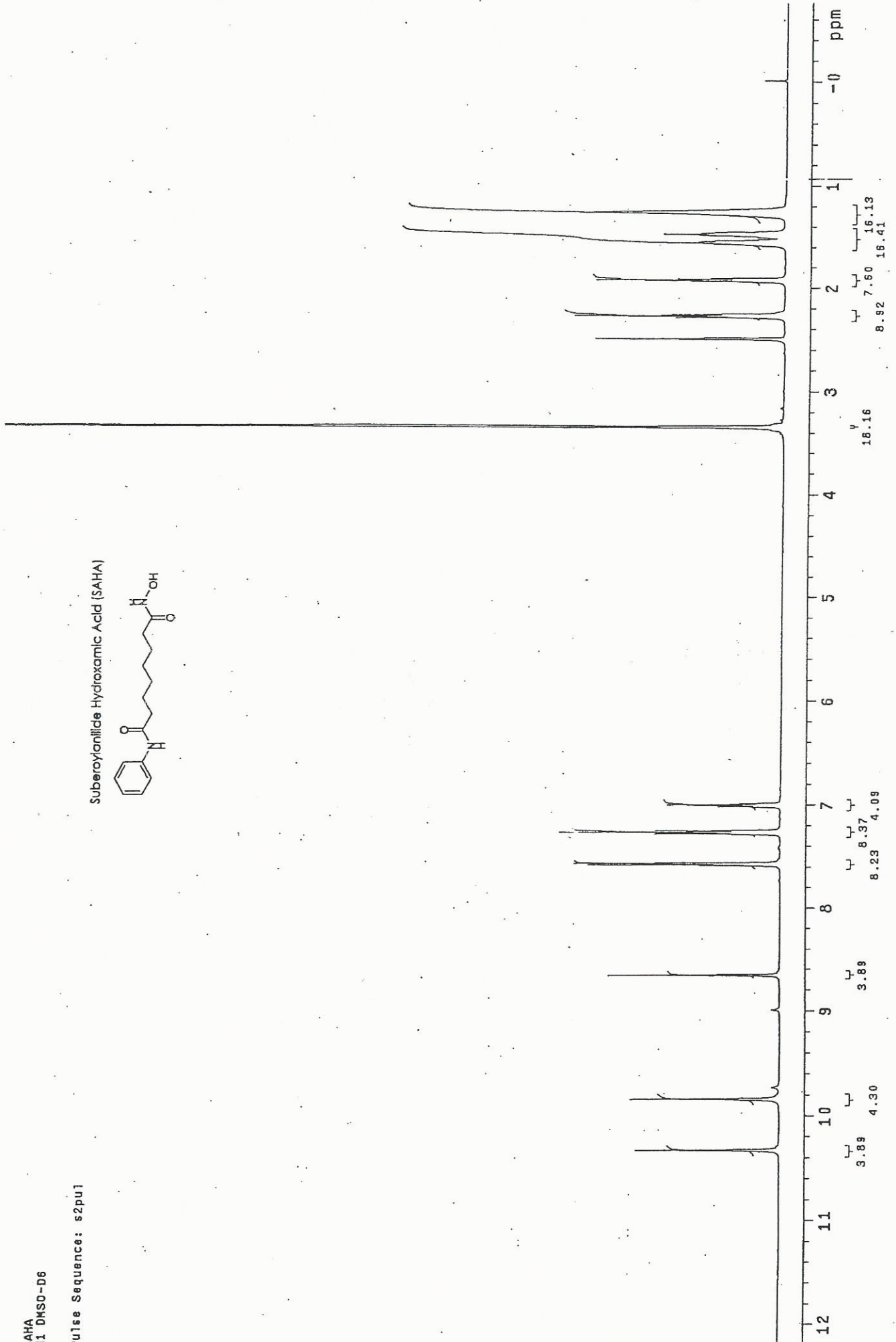
Suberoylanilide Hydroxamic Acid (SAHA)



SAHA
f1 DMSO-D6

Pulse Sequence: s2pu1

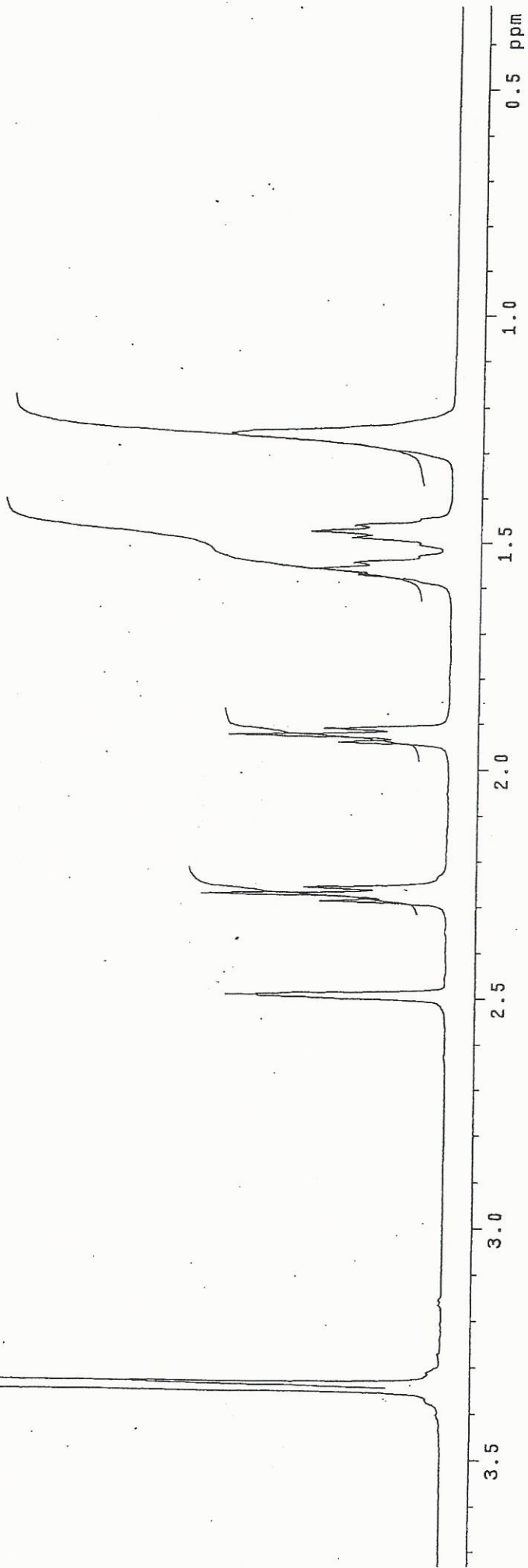
Suberoylanilide Hydroxamic Acid (SAHA)



SAHA
H1 DMSO-D6

Pulse Sequence: s2pu

Suberoylanilide Hydroxamic Acid (SAHA)



IHA
DMSO-D6

File Sequence: s2pur

INDEX	FREQUENCY . PPM	HEIGHT
1	5163.262	10.330
2	4918.431	9.841
3	4328.740	8.661
4	3788.110	7.579
5	3780.013	7.563
6	3639.020	7.281
7	3631.399	7.266
8	3622.825	7.248
9	3506.602	7.016
10	3498.981	7.001
11	3491.836	6.986
12	1673.702	3.349
13	1666.557	3.334
14	1247.390	2.496
15	1245.485	2.492
16	1143.551	2.288
17	1136.406	2.274
18	1128.785	2.258
19	970.169	1.841
20	963.024	1.827
21	955.403	1.912
22	785.891	1.572
23	779.162	1.559
24	772.017	1.545
25	744.867	1.490
26	737.722	1.476
27	731.053	1.463
28	630.072	1.261