ORGANIC RESEARCH

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GENERAL PHYSICAL CHEMISTRY
GROUP WORK REQUEST

DATE: 10/13/65

CHARGE - Job No.: 4596

REQUESTER: Bannister

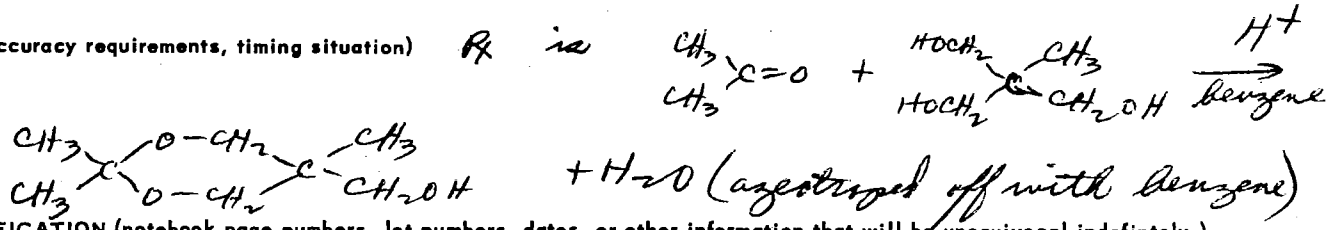
LOCATION: Lab 206 Sta 601

WORK REQUESTED OR ANALYSIS REQUIRED

GLC

REASON: Yield short, Rx tailing off

COMMENTS (e.g. Accuracy requirements, timing situation) Rx is



+ H_2O (azeotroped off with benzene)

SAMPLE INDENTIFICATION (notebook page numbers, lot numbers, dates, or other information that will be unequivocal indefintely.)

(1) Sample of acetonide Rx mix, end of 10/12/65 in WW Bldg.
(2) " " " " aqueous dist ~~and~~ to end 10/12/65 ".
(3) " " " " mix, end of 10/13/65 (start of 10/14/65), WW.
(4) " " Trimethylolethane.

SPECIAL INFORMATION (Data that will facilitate our work such as known solvents for molecular weight samples, melting point if properties in solid and liquid state are needed, maximum process temperature for thermal stability samples, boiling points for gas chromatography, chemical recation involved, etc.)

Unstable ____, *Explosive* ____, *Toxic* ____, *Stench* ____, *sublimes* ____, *Hygroscopic* ____, *Use dry box* ____

M. P. ____, *B.P.* ____ *mm, Solvents* ____

Other ____

DSW 298262

O-627

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This side to filled in by general physical chemistry group

REPORT OF RESULTS

DATE 10-14-65

TO:

CC:

	Sample at end of (1) 10/12/65	Sample at Start of (3) 10/14/65	
acetone	11.6 %	11.5 %	
Benzene int.	64.7	64.5	
	0.7	0.7	(5 peaks)
	22.3	22.7	
H.B.'s	0.8	0.6	(10 peaks)

Sample at end of 10/12/65 in P.P. acetonide prep. — 12.9% acetone, 86.7 Bz, 0.4 - H.B (2 peaks) (Same as sample (1))

(2) aq. Dist (total) at end of 10/12/65 from P.P. Prep.

21.0% acetone
0.5 - Bz
78.5 H_2O

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G. Gasey
SIGNATURE

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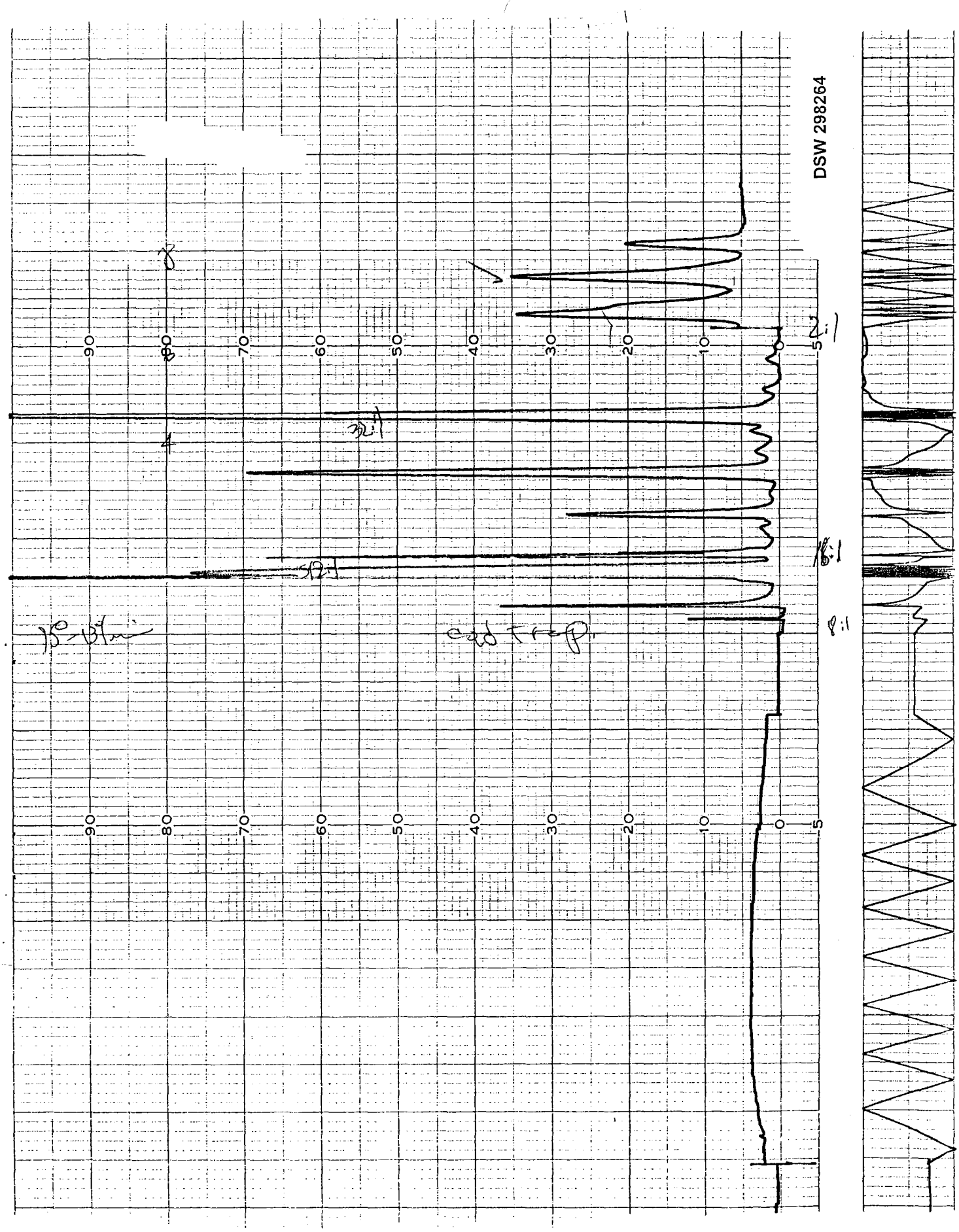
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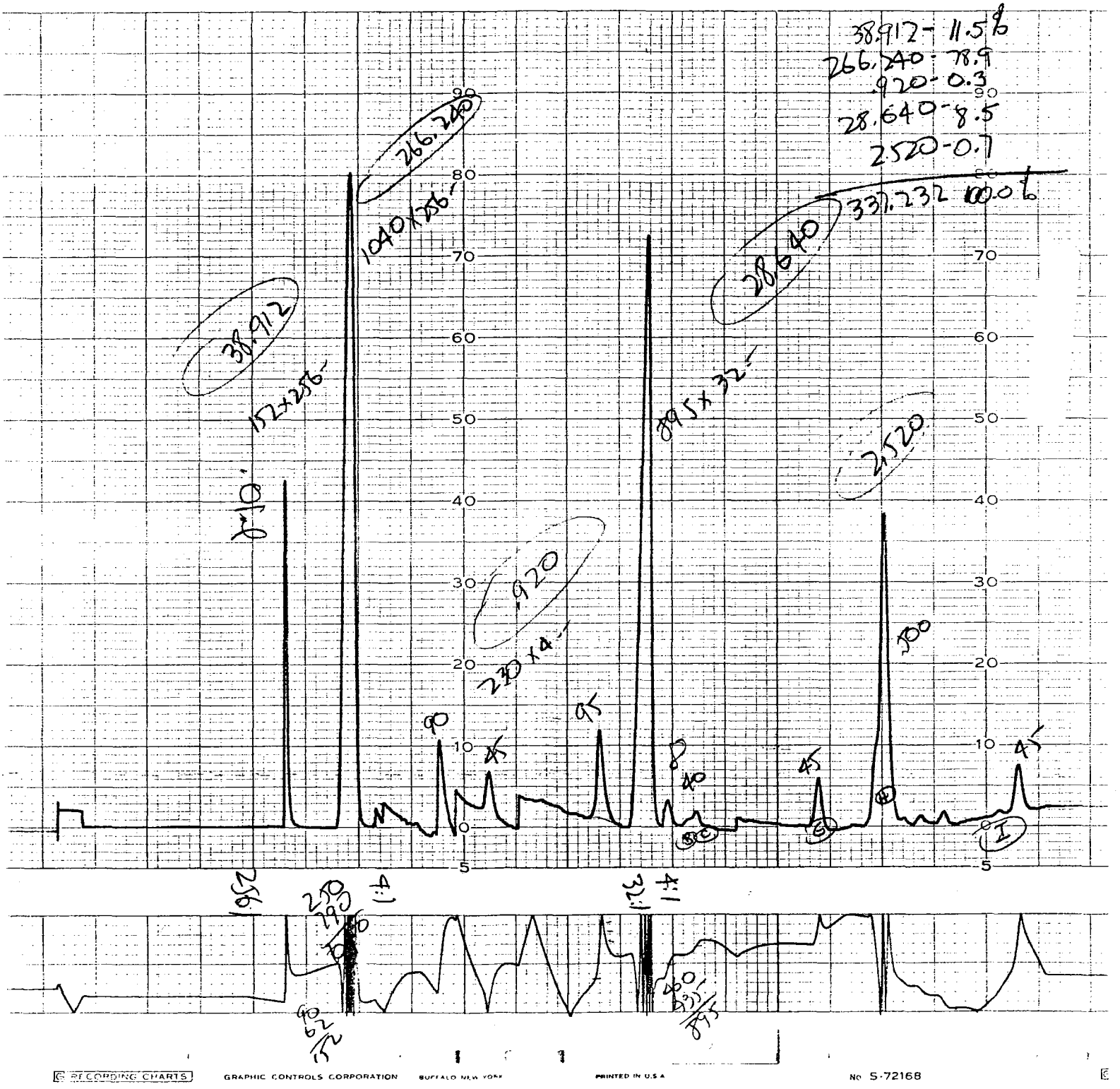
cad trap



RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO NEW YORK PRINTED IN U.S.A. No S-72168

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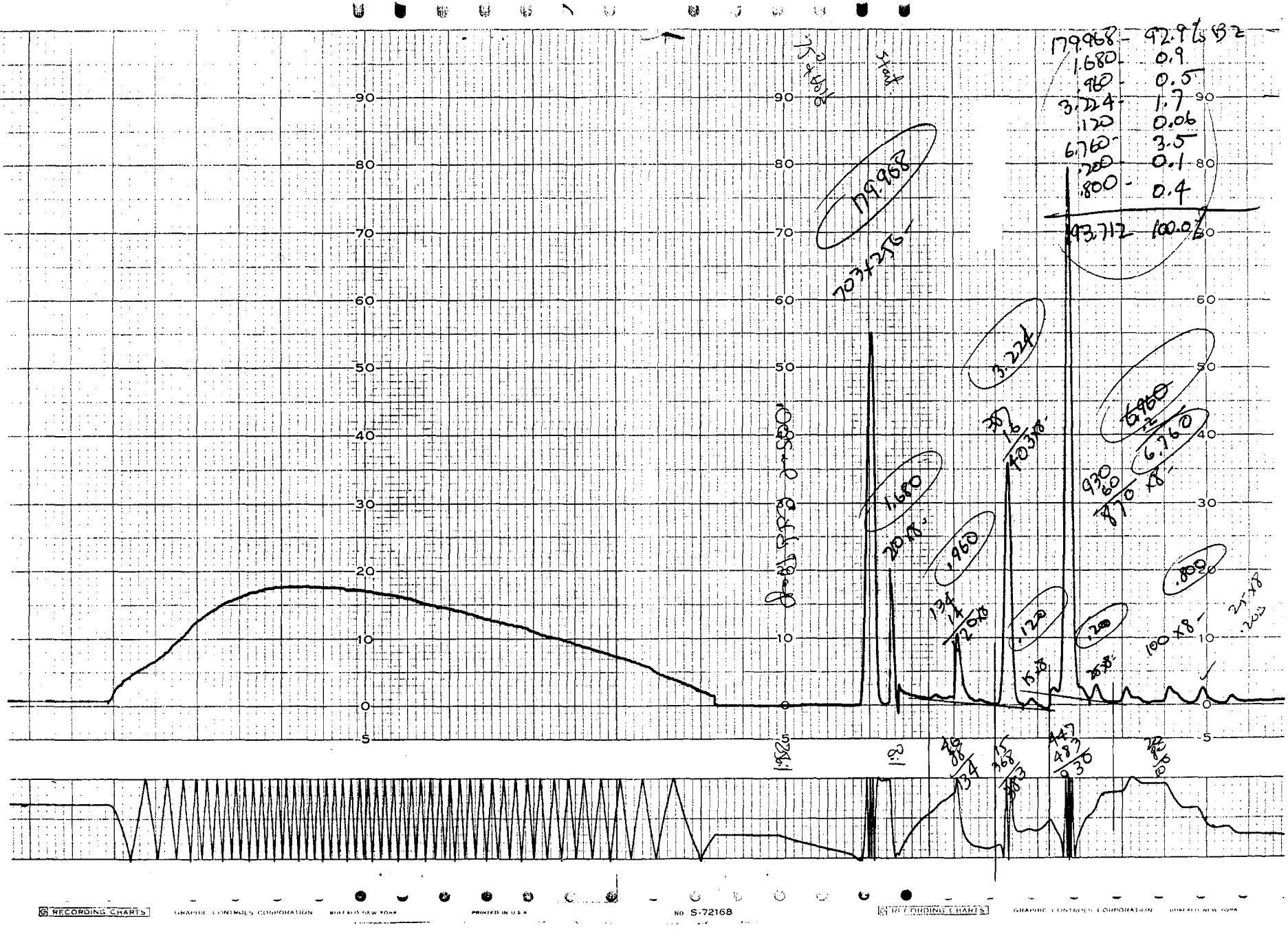

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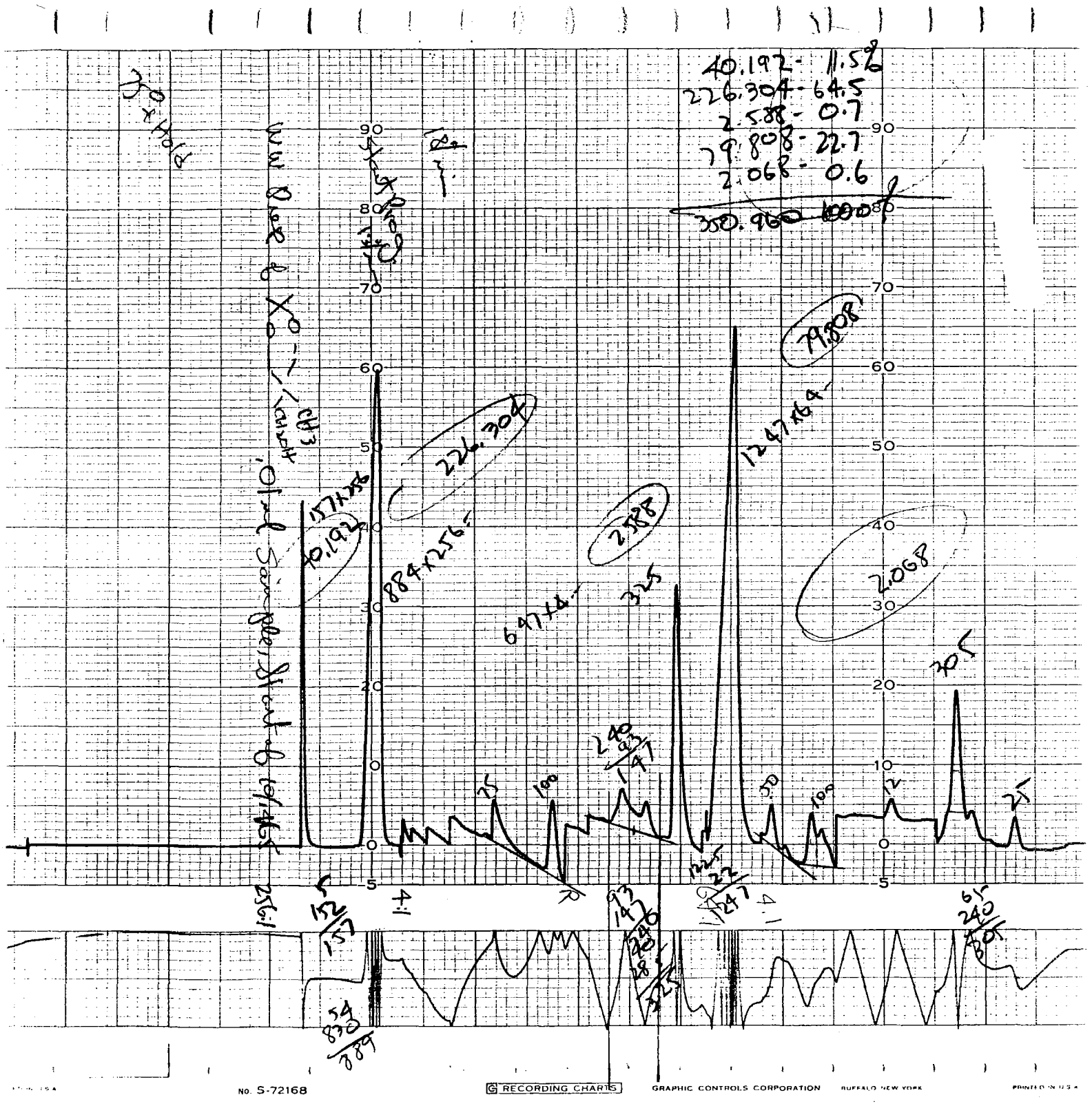
40.192 - 11.5%
226.304 - 64.5
2.588 - 0.7
79.808 - 22.7
2.068 - 0.6
350.960 100%
79.808
226.304
40.192
2.588
2.068
884x256
647x4
1247x4
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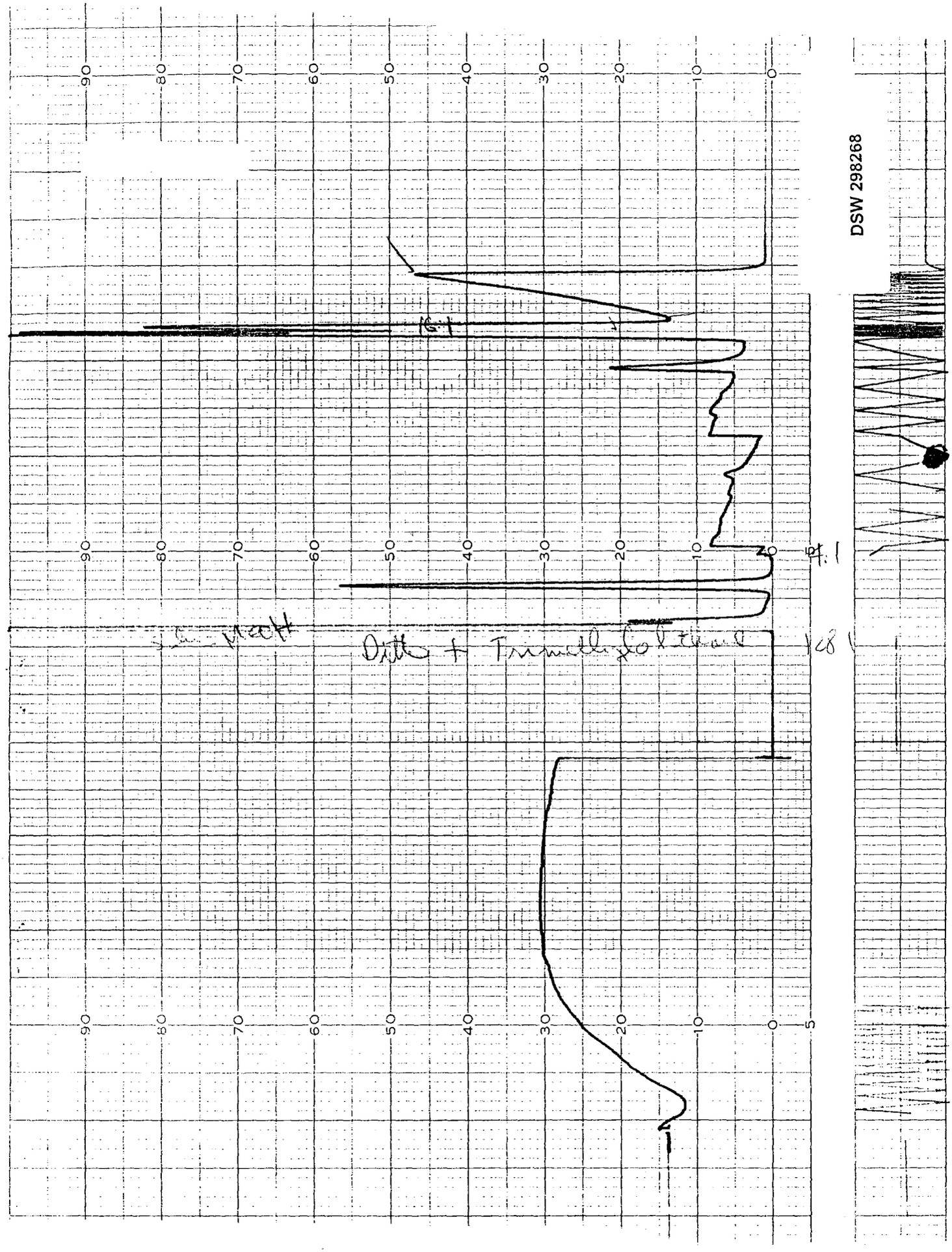

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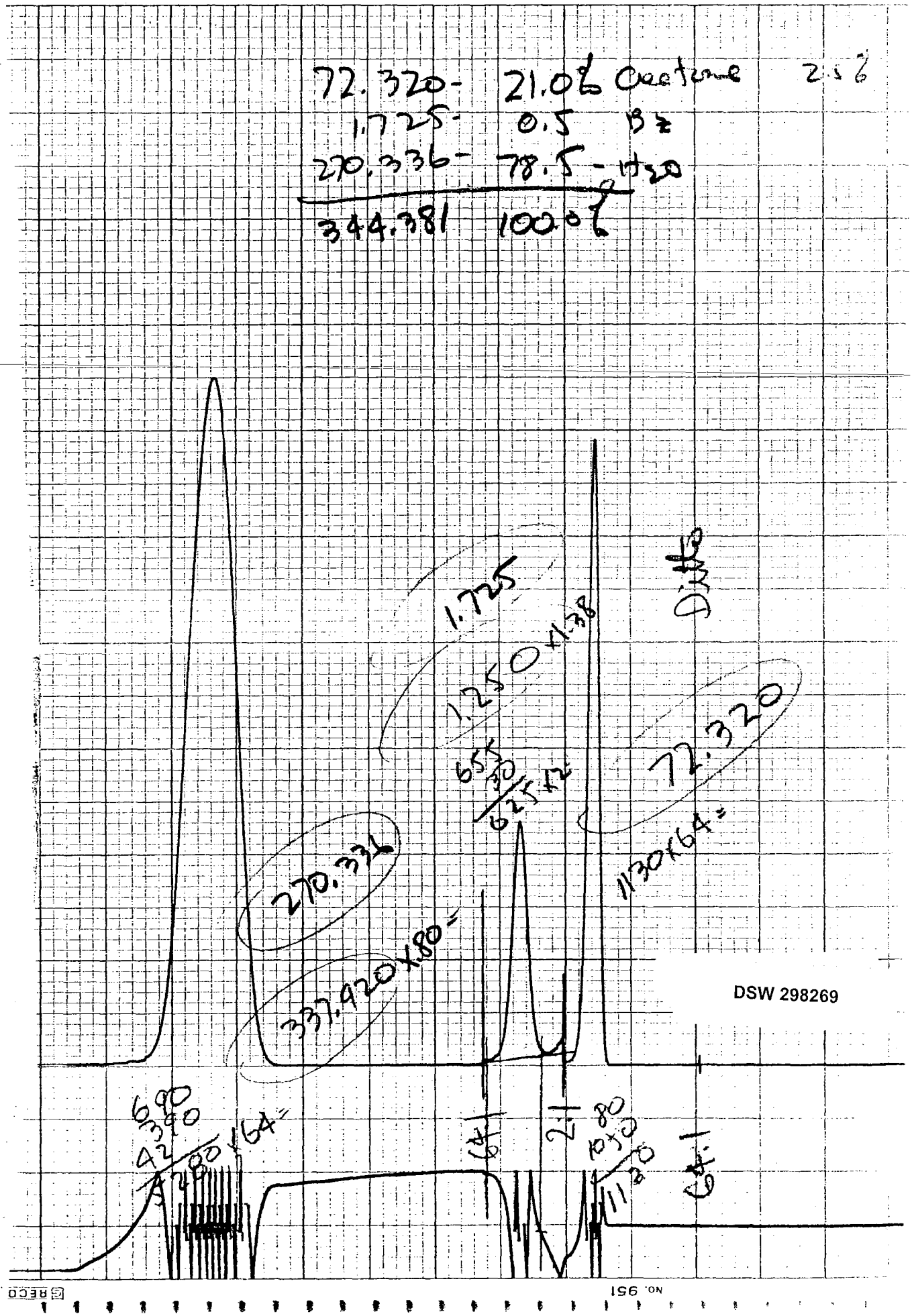

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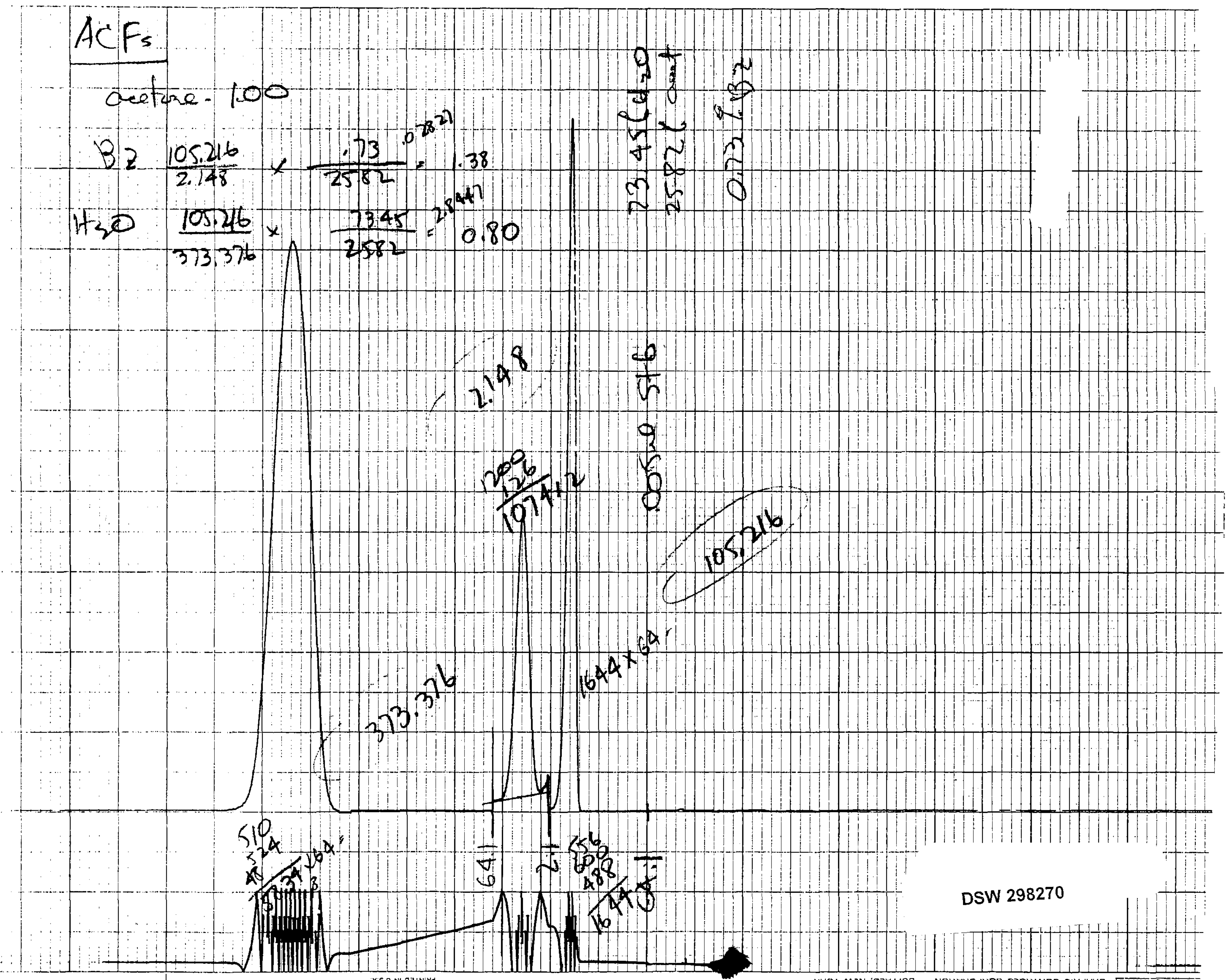

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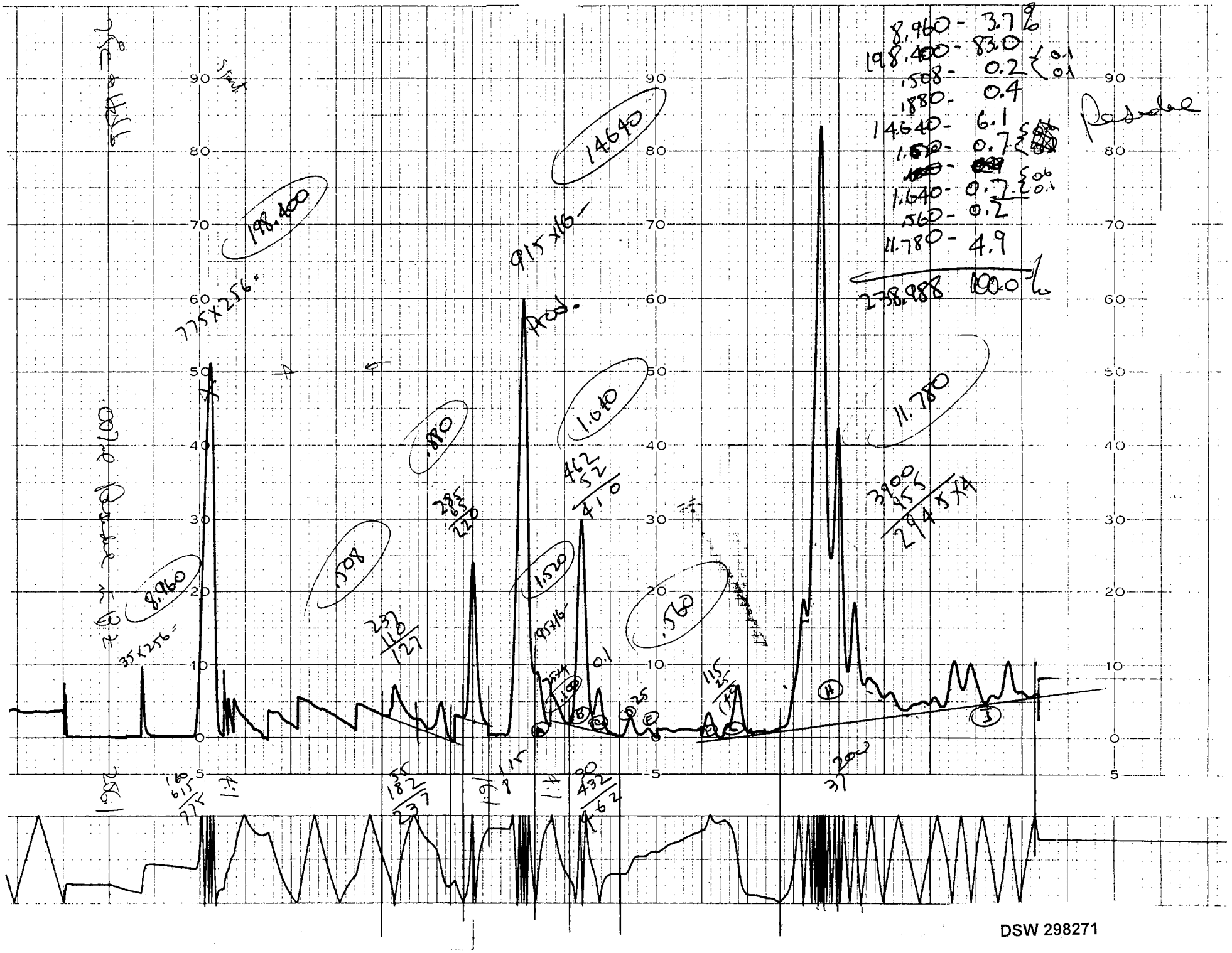

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