

compare the solidification points of the new mixture with that calculated for it. If the two points coincide, the original composition could be none other than what it was indicated to be in the first instance.

Fractions 2a and 7, inclusive, were examined by the admixture of the proper pure synthetic acid and the observed and calculated solidification points compared. The results in each case proved the initial conclusions to be correct. Hence, the presence of all of the acids from C₁₈ to C₂₈ and a good indication for C₃₀ has been verified.

The plausibility of the existence of these acids mentioned above can also be seen in the table given below.

Table VIII.—Composition of Acid Fractions

Fraction	Composition
2a	31.5 mol per cent C ₁₈ ; 68.5 mol. per cent C ₂₀
2 and 3	3.0 mol per cent C ₁₈ ; 97.0 mol per cent C ₂₀
4	75.0 mol per cent C ₂₀ ; 25.0 mol per cent C ₂₀
5	86.7 mol per cent C ₂₂ ; 13.3 mol per cent C ₂₄
6	67.0 mol per cent C ₂₂ ; 33.0 mol per cent C ₂₄
7	14.5 mol per cent C ₂₂ ; 85.5 mol per cent C ₂₄
8 and 9	44.0 mol per cent C ₂₄ ; 56.0 mol per cent C ₂₆
10	Definitely C ₂₆ and C ₂₈ present
11	Definitely C ₂₆ and C ₂₈ present and possibly C ₃₀

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Book Review

Chemical Publications, by M. G. MELLON. 2nd Edition. 284 pages. International Chemical Series. McGraw-Hill Book Co., Inc., New York, N. Y., 1940. Price, \$2.75.

This is the second edition of the book by this title, the first edition of which appeared in 1928. The first chapter is given over to the introduction and general outline. This is followed by four chapters which deal with the original sources of published chemical information. The first subdivision of this class of material discussed is periodicals, the second is institutional publications. The next portion of the book covers secondary sources and includes a thorough treatment of index and review serials and abstract journals. The technique of making searches in the chemical literature is next considered and as a conclusion nineteen library problems are presented.—A. G. D.