

Determination of Organic Materials

高 木 利 治
相 浦 淳

Toshiharu Takaoi

Tsuyomu Hashimoto

副生揮発中の有機質の定量法

Figure 1: A chromatogram showing the separation of organic components in secondary volatile products. The x-axis represents time in minutes, and the y-axis represents detector response. Several distinct peaks are visible, indicating the presence of different compounds.

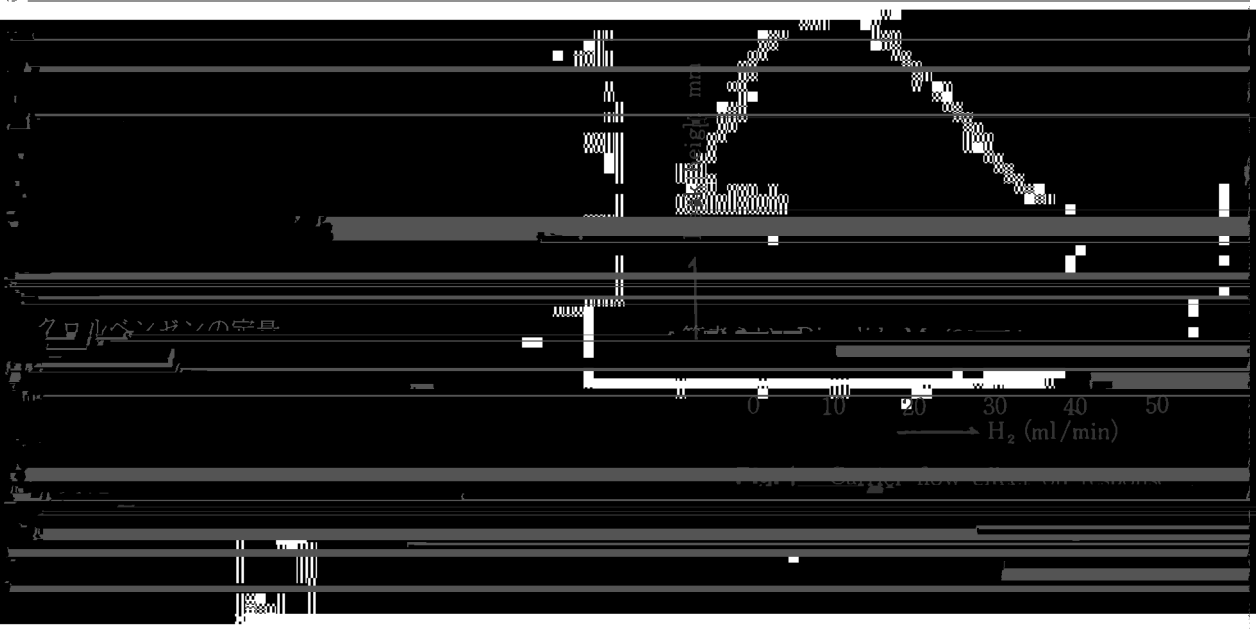
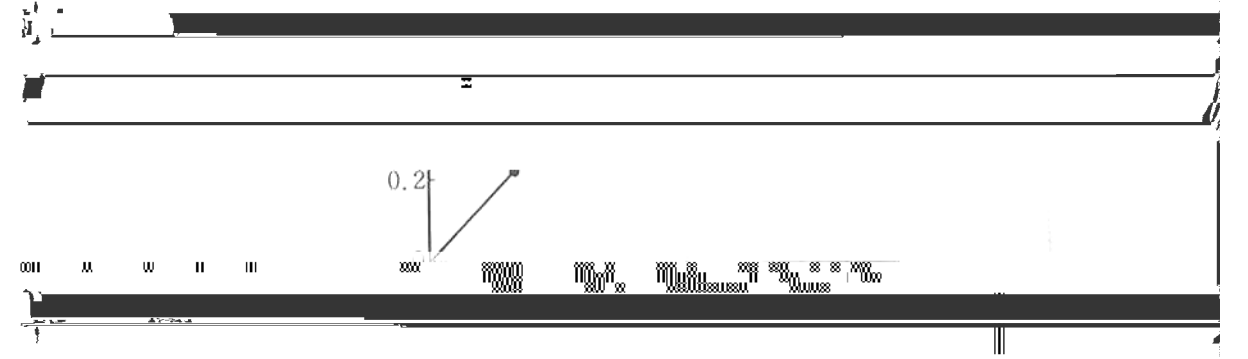
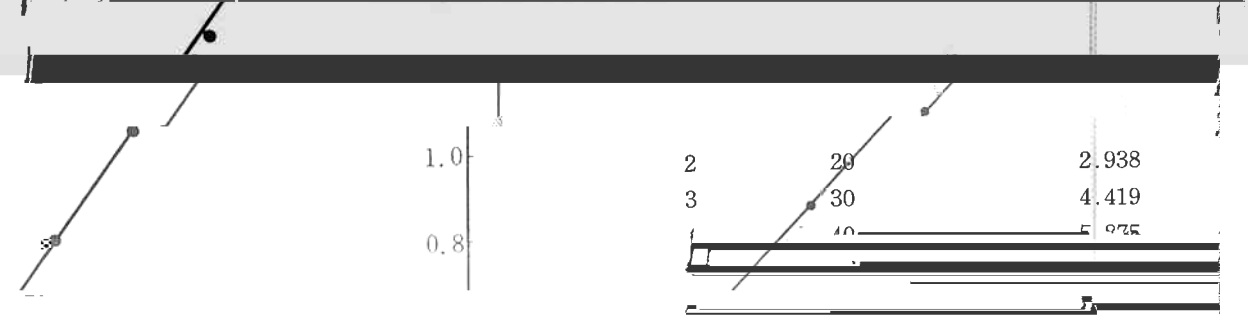
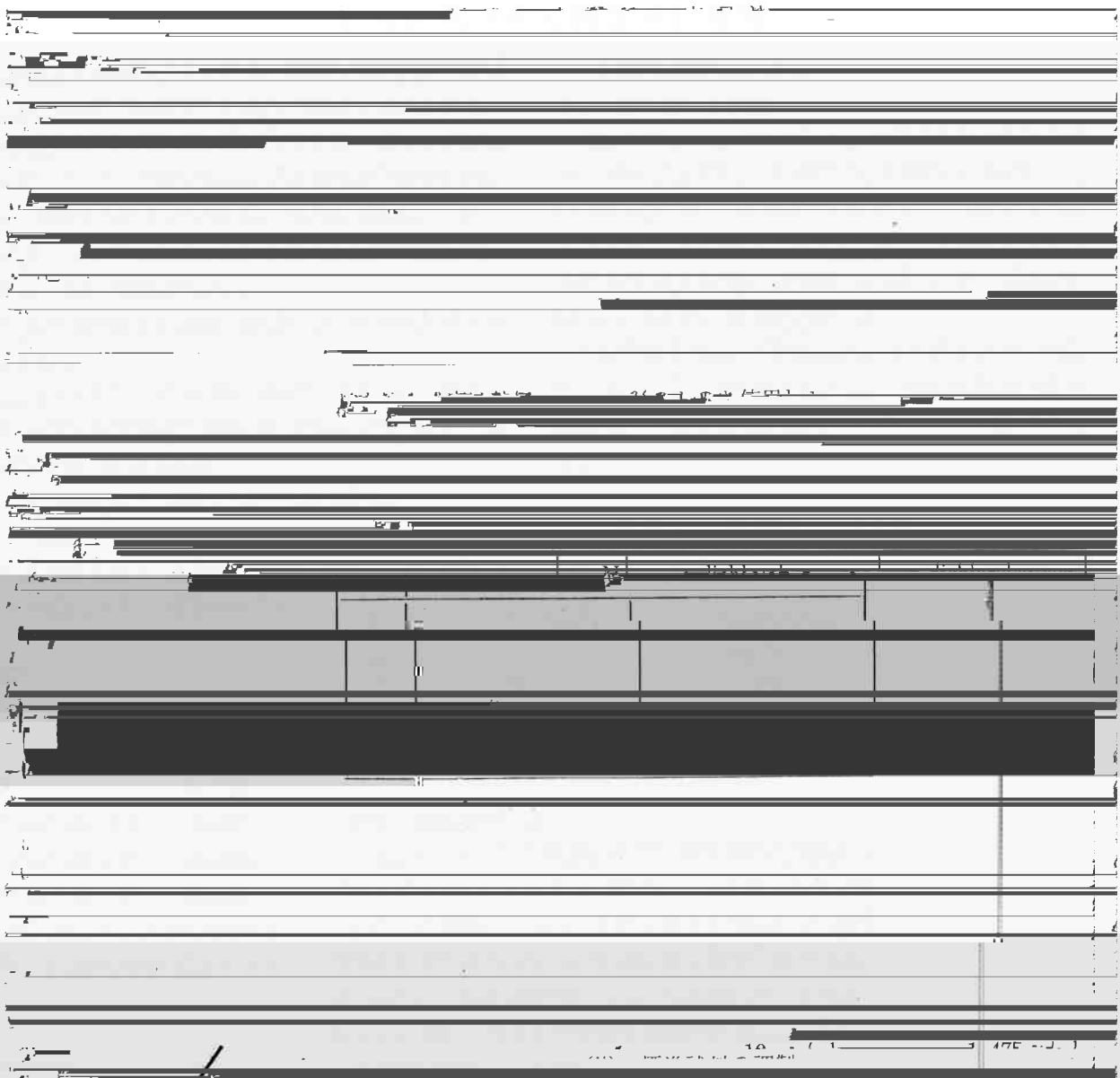
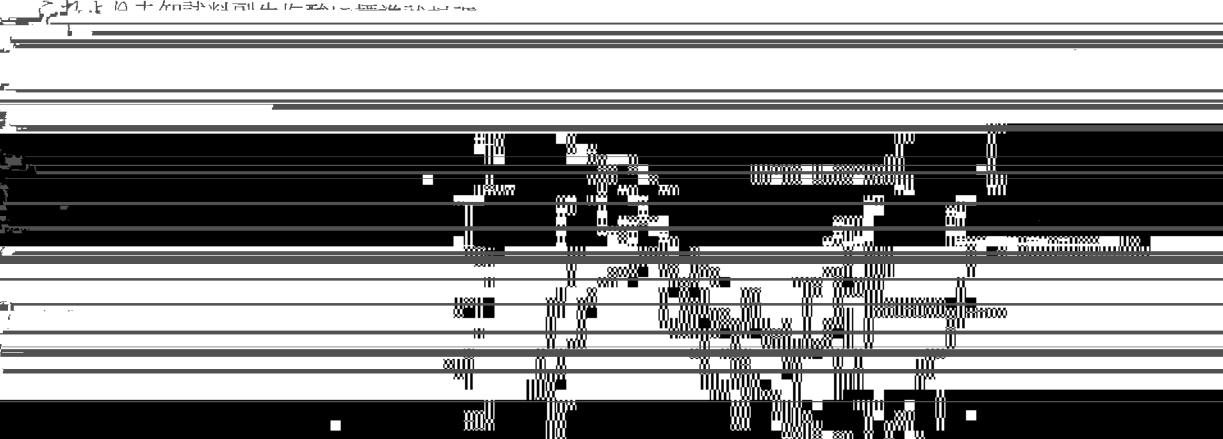


Figure 3: A chromatogram showing the separation of chlorobenzene. The x-axis is labeled H_2 (ml/min) and ranges from 0 to 50. The y-axis is labeled "Height (mm)". A prominent peak is observed at approximately 25 ml/min. The baseline is relatively flat, with minor noise.



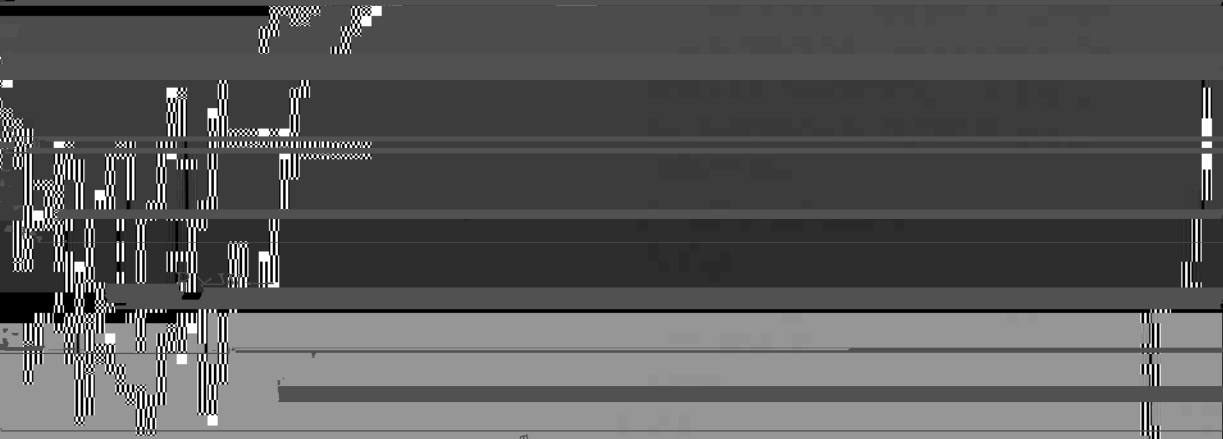
副生塩酸中の有機質の定量法



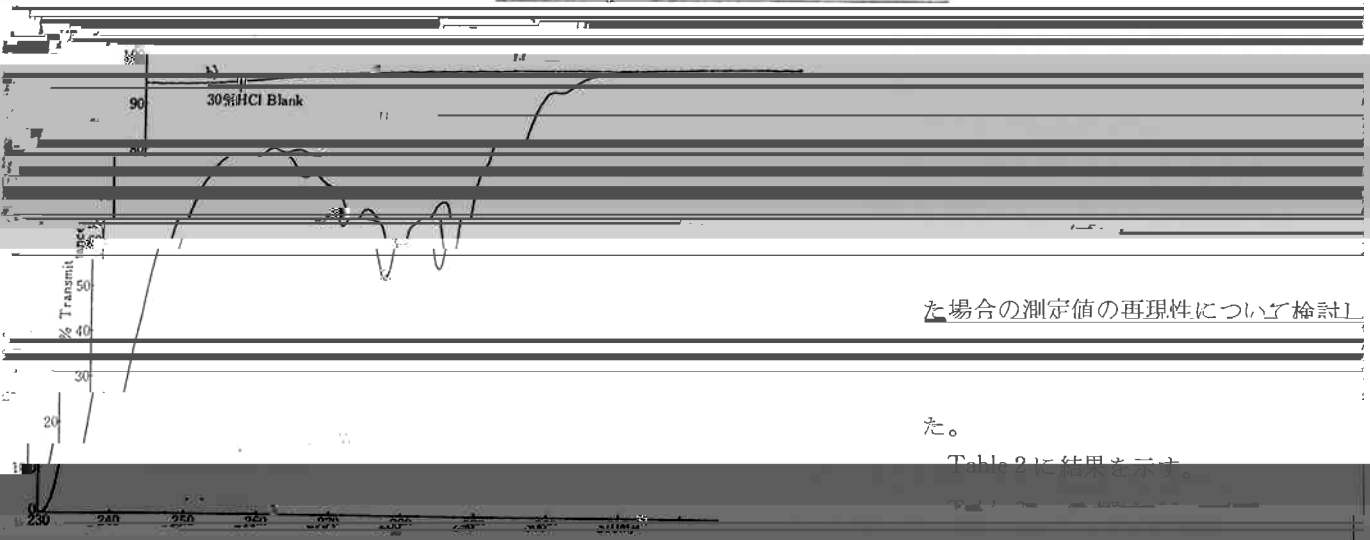
製と同様にイソオクタンの一用量を加す

同様に抽出操作を繰返し、ガスクロ

ラフに試料を適量取り出す



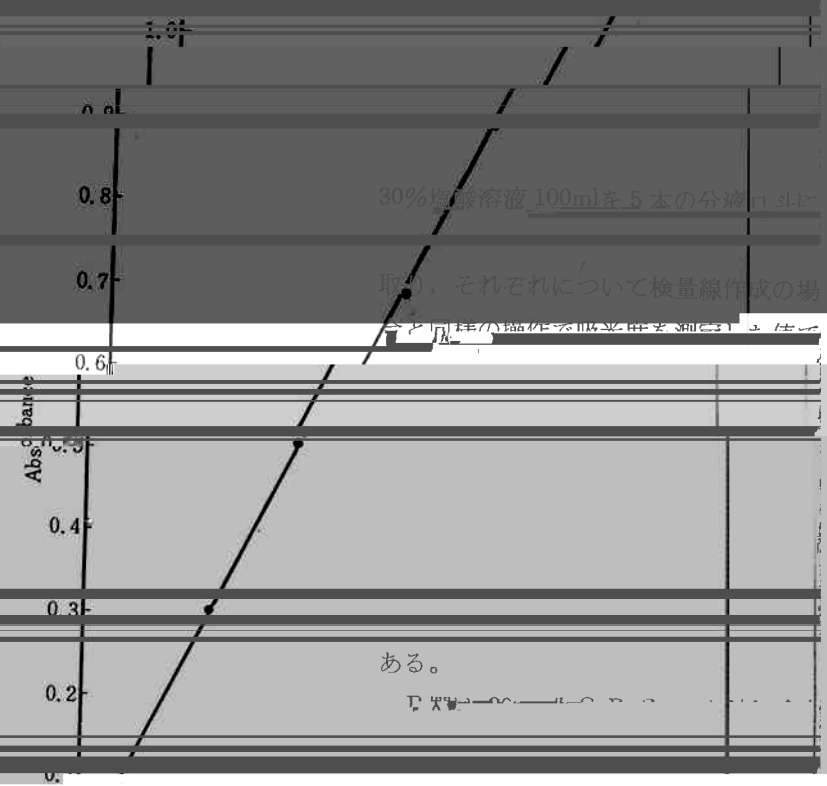
同様に抽出操作を繰返す



た場合の測定値の再現性について検討し

た。

Table 2 に結果を示す。



30%塩酸溶液 100mlを5本の分液漏斗に
取り、それぞれについて検量線作成の場
合と同様の操作を繰り返して測定した。

ある。

Table 2 に結果を示す。

Fig. 7 Calibration curve

0.296

0.298

0.297

0.304

0.302

0.300

0.304

0.300

文 献