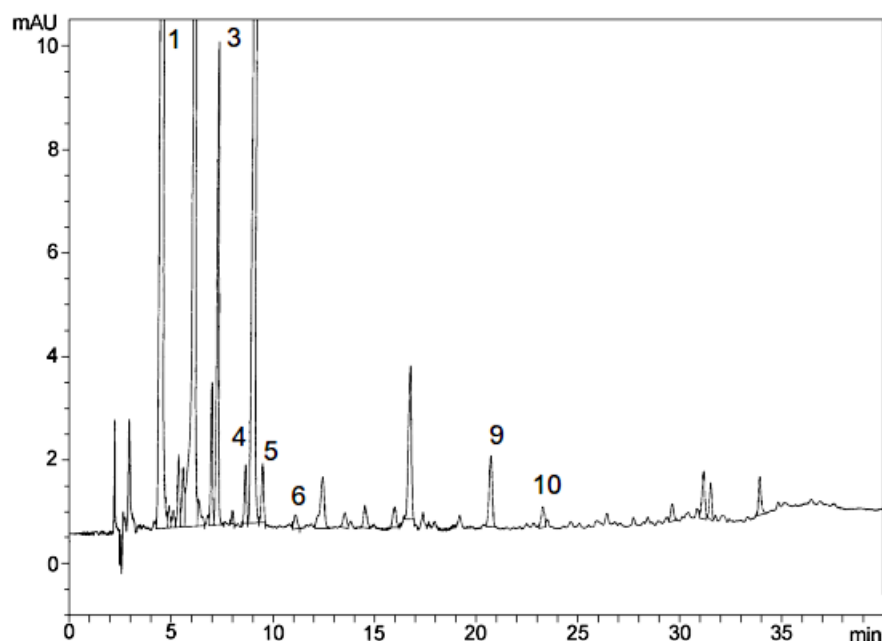
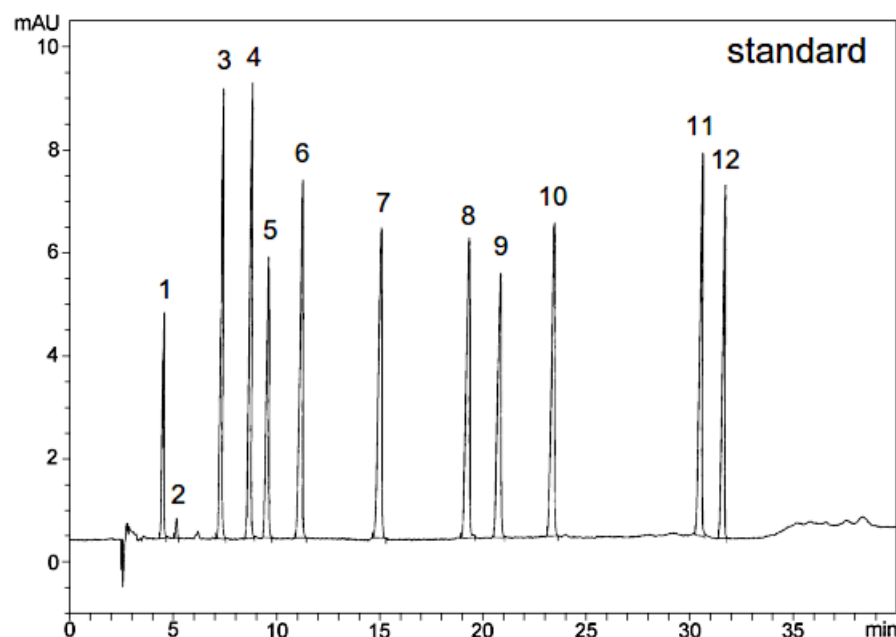




Detection of Aldehydes in The Liver Homogenate of 9 Months-Old Mouse



1. DNPH
2. malondialdehyde-DNP
3. acetaldehyde-DNP
4. Propionaldehyde-DNP
5. acrolein-DNP
6. crotonaldehyde-DNP
7. pentenal-DNP
8. hexanal-DNP
9. hexenal-DNP
10. heptenal-DNP
11. nonanal-DNP
12. nonenal-DNP



Cadenza CD-C18
250 x 4.6 mm
A : water B : ACN
70%B(0-10min)
70-88%B(10-25min)
88-97%B(25-30min)
97-88%B(30-40min)
0.8 mL/min, 30 °C
UV at 368 nm
50pmol, 10 uL inj.

Courtesy of Prof. Dr. Seiichi Matsugo and Fumihiko Yasui, Yamanashi University