

Materials List for:

Fizzy Extraction of Volatile Organic Compounds Combined with Atmospheric Pressure Chemical Ionization Quadrupole Mass Spectrometry

Hao-Chun Yang¹, Cheng-Hao Chang¹, Pawel L. Urban¹

¹Department of Applied Chemistry, National Chiao Tung University

Correspondence to: Pawel L. Urban at plurban@nctu.edu.tw

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Materials

Name	Company	Catalog Number	Comments
Water	Fisher	W6212	Diluent
Ethanol	Sigma-Aldrich	32221-2.5L	Diluent
(R)-(+)-Limonene	Sigma-Aldrich	183164-100ML	Standard
Carbon dioxide	ChiaLung	n/a	Carrier gas
Cellulose tissue, Kimwipes Kimtech	Kimberly-Clark	34120	Used for cleaning
Triple quadrupole mass spectrometer	Shimadzu	LCMS-8030	Detection system
Atmospheric pressure chemical ionization interface	Shimadzu	Duis	Ion source
20-mL screw top headspace glass vial with septum cap	Thermo Fisher Scientific	D-52379	Sample vial
LabSolutions software	Shimadzu	n/a	version 5.82
PeakFit software	Systat Software	n/a	version 4.12
OriginPro software	OriginLab	n/a	version 8