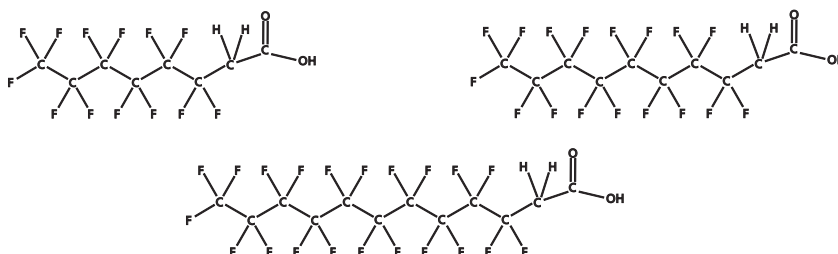




## SATURATED TELOMER ACIDS

The long range transport of fluorotelomer alcohols (FTOHs) has become of interest because FTOHs are potential precursors for perfluoroalkyl carboxylates (PFCAs) which have been observed in the arctic food chain. These alcohols are probably oxidized to the corresponding telomer acids prior to conversion into PFCAs.



Structures of the 2-Perfluorohexyl ethanoic acid-(top left), 2-Perfluorooctyl ethanoic acid-(top right) and 2-Perfluorodecyl ethanoic acid-(bottom).

Saturated telomer acids are unstable. For example, in methanol solutions, they degrade to the unsaturated telomer acids. In order to permit researchers to accurately determine the levels of saturated fluorotelomer acids in environmental samples, more stable reference standard solutions were required.

Research at **WELLINGTON** has now led to an alternative solvent system which has extended the shelf life of the saturated telomer acid solutions to one year. These reference solutions have been prepared in isopropanol with a trace amount of hydrochloric acid.

## **NATIVE SATURATED TELOMER ACIDS**

Catalogue Number	Product (isopropanol solution)	Qty/Conc
<b>FHEA</b>	2-Perfluorohexyl ethanoic acid	1.2 ml 50 µg/ml
<b>FOEA</b>	2-Perfluorooctyl ethanoic acid	1.2 ml 50 µg/ml
<b>FDEA</b>	2-Perfluorodecyl ethanoic acid	1.2 ml 50 µg/ml

## **MASS-LABELLED SATURATED TELOMER ACIDS**

Catalogue Number	Product (isopropanol solution)	Qty/Conc
<b>MFHEA</b>	2-Perfluorohexyl-[1,2- <sup>13</sup> C <sub>2</sub> ]ethanoic acid	1.2 ml 50 µg/ml
<b>MFOEA</b>	2-Perfluorooctyl-[1,2- <sup>13</sup> C <sub>2</sub> ]ethanoic acid	1.2 ml 50 µg/ml
<b>MFDEA</b>	2-Perfluorodecyl-[1,2- <sup>13</sup> C <sub>2</sub> ]ethanoic acid	1.2 ml 50 µg/ml

These new solutions of the 3 native saturated telomer acids and their corresponding mass-labelled analogues are in stock and available for immediate shipping. For pricing information please contact the distributor that serves your area, or by e-mail at [info@well-labs.com](mailto:info@well-labs.com)