## Electronic supplementary information for

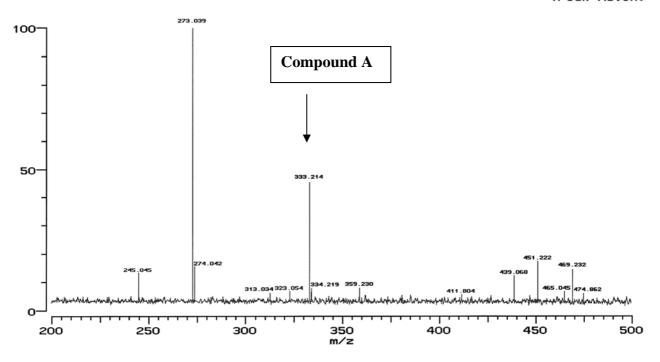
Arsenic-containing hydrocarbons: Natural compounds in oil from the fish capelin, Mallotus villosus Mojtaba S. Taleshi, Kenneth B. Jensen, Georg Raber, John S. Edmonds, Helga Gunnlaugsdottir, Kevin A. Francesconi

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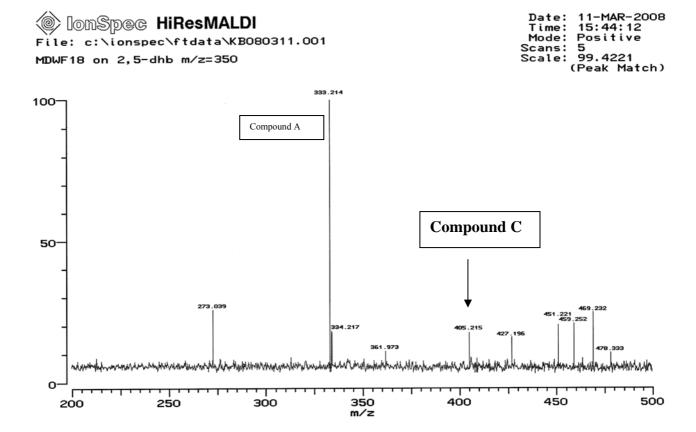
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MDWF19 on 2,5-dhb m/z=350

Date: 11-MAR-2008 Time: 17:11:27 Mode: Positive Scans: 10 Scale: 42.8720 (Peak Match)



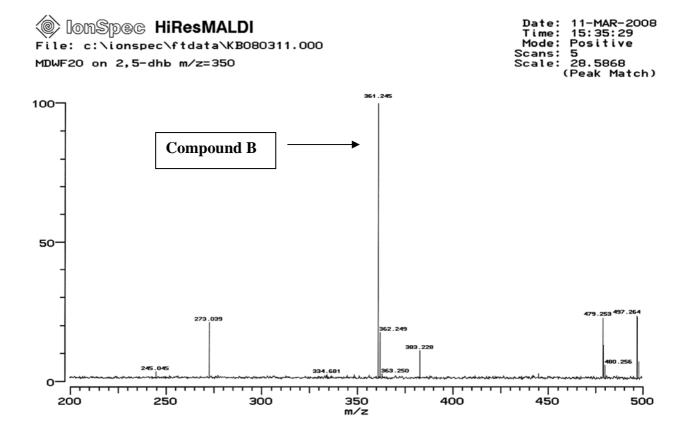
Fraction 19 from preparative reversed-phase HPLC **Compound A** ( $C_{17}H_{37}AsO$  (calcd for [M+H] 333.2134; found 333.2139;  $\Delta m = 1.5$  ppm)



Fraction 18 from preparative reversed-phase HPLC

Compound C (and compound A)

**Compound C**:  $C_{23}H_{37}AsO$  (calcd for [M+H] 405.2134; found 405.2149;  $\Delta m = 3.7$  ppm).



Fraction 20 from preparative HPLC

**Compound B**:  $C_{19}H_{41}$ AsO (calcd for [M+H] 361.2446; found 361.2450;  $\Delta m = 1.1$  ppm).