

cartridges used in step (iii) comprise between 900mg and 2.0g of sorbent.

- (12) The method as defined in Claim 11 wherein said one or more SPE cartridges comprise between 1.5-2.0g of sorbent.
- (13) The method as defined in any one of Claims 1-12 wherein the sorbent of said SPE cartridges used in step (iii) comprises particles having a diameter distribution of between 35-60 μ m.
- (14) The method as defined in any one of Claims 1-13 wherein for said SPE cartridges used in step (iii) said bonded hydrocarbons of said sorbent have a carbon chain length of 18 or 30.
- (15) The method as defined in any one of Claims 1-14 wherein said water-miscible organic solvent of said first and second water-miscible organic solvent systems used in step (iii) of said method is selected from ethanol (EtOH) and acetonitrile (MeCN).
- (16) The method as defined in Claim 15 wherein said water-miscible organic solvent is EtOH.
- (17) The method as defined in Claim 16 wherein said first solvent system comprises one or more aliquots of aqueous EtOH each having water:EtOH in a ratio of between 65:35-60:40, and one or more aliquots of water.
- (18) The method as defined in Claim 17 wherein said second solvent system comprises one or more aliquots of aqueous EtOH each having water:EtOH in a ratio of between 60:40-0:100.
- (19) The method as defined in either Claim 17 or Claim 18 wherein said first solvent system consists of a first aliquot of 27mL 40% EtOH, a second aliquot of 10mL 35% EtOH, and a third aliquot of 5mL water; and wherein said second solvent system consists of a first aliquot of 3mL 50% EtOH, a second aliquot of 3mL 65% EtOH and a third aliquot of 3mL 100% EtOH.
- (20) The method as defined in either Claim 17 or Claim 18 wherein said first solvent