

W.H.O.I. GCMS & NMR Facility

Isotope Ratio Monitoring GCMS Sample Analysis Request Form

General Information

Complete Vial Label: _____
Submitted by: _____ Project Number: _____

Sample Information

Samples are generally analyzed using a Gerstel injector and a CPSil 5CB 60m x 0.25mm id x 0.25um phase column operated at a constant flow of 1.0 ml/minute. Other equipment can be used if required.

(Please attach a GC FID trace for your sample and indicate a the peaks of interest. Information requested in this section refers to the conditions used to acquire the GC FID trace that you are providing.)

Derivatization *(circle one)*: None TMS Acetate Other: _____
Sample Solvent *(circle one)*: Hexane DCM Pyridine Other: _____
Injection Volume: _____ μ l Total Sample Volume: _____ μ l
Temperature Ramp: _____

Reference Pulse Times

(Please indicate one)

- _____ Operator may determine pulse times based on attached GC trace and a preliminary GC-IRMS run *(Please indicate desired pulse locations)*.
_____ User will determine pulse times based on a preliminary GC-IRMS run.
_____ Use previous method *(Please attach GCirMS trace acquired using desired method)*.

Number of Analytical Runs Required: _____

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