timsControl

Setup Version: 4.0.5_9ef8626_1
Client Version: 4.0.4 (b9f62969)
Client Build Date: 2022-07-21T17

Instrument: timsTOF fleX, S/N 18
TIMS cartridge #1875139
MALDI option installed
Digitizer Type: NI5155
Firmware:
 I4IP-12.253.7.249; IPPT-12.253.7
MXMC-0.0.3.10; MXIF-0.0.1.1; M
RFXS-0.1.3.1; RFXE-NOT-PRESEN
 HVC: 6.767.3.18
 Pulser: 7.239.5.33

JUN 22, 2023

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.x54v9p8zzg3e/v1

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https://dx.doi.org/10.17504/protocols.io.x54v9p8zzg3e/v1

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Protocol status: Working
We use this protocol and it's working

Created: Jun 22, 2023

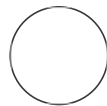**Last Modified:** Jun 22, 2023

PROTOCOL integer ID: 83870

🌐 TIMSTOF Compass 4.0 Methods - LCMS and MALDI - OrsburnLab 2023

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LCMSMethods.org Version 2

⬤ lcmsmethods

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No guarantees are implicit or implied in the use of these methods. For research use only.

ABSTRACT

The methods included here are in support of research submissions from the www.OrsburnLab.org group in 2023 from a TIMSTOF Flex system with EasyNLC1200, EvoSep One and MALDI (1) front end sources.

Methods include:
pasefRIQ used for SCoPE-MS (DefaultTIMSTOF40_TMT_highsensitivity_pasefSCOPE
diaPASEF methods optimized for the EvoSep One - diaPASEF-shortgradient-1800V
the same - optimized for EasyNLC 1200 using a 10um emitter - TIMSTOF_40_shortgradient_DIA
ddaPASEF method for normal high input (100ng - 500ng proteomics loads) - DefaultDDA_TIMST40_5_6_2023
ddaPASEF methods optimized for the EvoSep One Whisper for ultralow input immunoenriched samples - DefaultDDA_TIMS40_high_sensitivity

A MALDI-MS method for TIMSTOF Flex to test the effectiveness of direct transfer of MALDI instrument methods between different TIMSTOF imaging mass spectrometers:
20220925_SCZ_GelMethod_AngelLab_transfer.m

1