//========================================================================

//ISODAT NT SCRIPT LANGUAGE (ISL) : Gas Bench Acqusition Script

//========================================================================

//

// History list

//

// Author Date Reason changes

// ---------------------------------------------------------------------------------------------------------------------

// H. Jeglinski 22.02.2003 Created

//

//

//

//-------------------------------------------------------------------------------------------------------------------------

script GasbenchAcquisition

{

}

//-------------------------------------------------------------------------------------------------------------------------

//place your includes here

//-------------------------------------------------------------------------------------------------------------------------

include "lib\stdisl.isl"

include "lib\instrument.isl"

include "lib\Continues Flow\_lib.isl"

include "lib\GasBench\_lib.isl"

//-------------------------------------------------------------------------------------------------------------------------

function CleanUp()

{

 call StopAutoDilution();

}

//-------------------------------------------------------------------------------------------------------------------------

function InitScript()

{

 OnBreak CleanUp;

 \_Set("Gas Bench/Valco",LOAD);

 \_Set("Gas Bench/Split",OUT);

 \_Set("Gas Bench/Reference 1",0);

 \_Set("Gas Bench/Reference 2",0);

 \_Set("Gas Bench/Reference 3",0);

 \_Set("Gas Bench/Trap",UP);

 \_Set("Gas Bench/Trap 2",UP);

}

//-------------------------------------------------------------------------------------------------------------------------

//this is the main point entry - this function is essential

//-------------------------------------------------------------------------------------------------------------------------

main()

{

 \_Set("Dual Inlet System/Valve 25",1); // Opening valve at reference bellows

 \_Set("Dual Inlet System/Valve 15",1); // Opening valve at reference bellows

 call UploadSamplerMethod();

 call InitScript();

 call PeakCenter();

 \_Set("Change Over 2/Valve 32",1);

 \_Set("Change Over 2/Valve 33",1);

 \_Set("Change Over 2/Valve 31",0);

 \_Set("Change Over 2/Valve 34",0);

 \_Delay(5000);

 \_SetBellowVolt(1,5070,0,50); // Set desired beam intensity here. Note, use channel 0 for read. Threshold=50mV

 \_Set("Change Over 2/Valve 31",0);

 \_Set("Change Over 2/Valve 33",0);

 \_Set("Change Over 2/Valve 32",1);

 \_Set("Change Over 2/Valve 34",1);

 \_Set("Change Over 2/Valve 32",0);

 \_Set("Change Over 2/Valve 33",0);

 \_Set("Change Over 2/Valve 31",1);

 \_Set("Change Over 2/Valve 34",1);

 \_Delay(5000);

 \_SetBellowVolt(2,5000,0,50); // Set desired beam intensity here. Note, use channel 0 for read. Threshold=50mV

 \_Set("Change Over 2/Valve 31",0);

 \_Set("Change Over 2/Valve 33",0);

 \_Set("Change Over 2/Valve 32",1);

 \_Set("Change Over 2/Valve 34",1);

 \_Delay(5000);

 call GasBenchNextSample();

 call ExecuteExtraScript();

 call AcidDosing();

 call StartAutoDilution();

 call WaitForStartSignal();

 call StartChromatogram();

 call WaitForScanEnd();

}

//--------------------------------------------------------------------------------------------------------------------------