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

//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();

}

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