GammaLib - Action #3205

Implement efficient GSPIResponse::irf_diffuse method

04/14/2020 09:48 AM - Knödlseder Jürgen

Status:	New	**Start date:**	04/14/2020
Priority:	Normal	**Due date:**	
Assigned To:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

Currently the GResponse::irf_diffuse is used for convolution of the IRF with a diffuse sky map for INTEGRAL/SPI, and this method is very inefficient (see #742). A much more efficient needs to be implemented. Very likely, this is also related to issue #3203 which asks for a different way to organise the response computation.