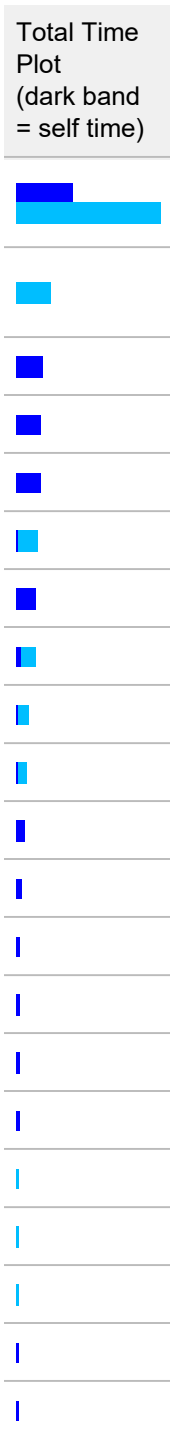


## Profile Summary

Generated 10-Sep-2018 17:11:25 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>
<a href="#">MainOptimizing4</a>	1	778.668 s	219.183 s
<a href="#">findpeaks</a>	1792	134.445 s	2.138 s
<a href="#">Olho_mex</a> (MEX-file)	256	99.085 s	99.085 s
<a href="#">MZM</a>	256	96.017 s	96.017 s
<a href="#">DelayInterfG</a>	6350	89.557 s	89.557 s
<a href="#">findpeaks&gt;getAllPeaks</a>	1792	80.708 s	4.011 s
<a href="#">findpeaks&gt;findLocalMaxima</a>	1792	76.697 s	76.697 s
<a href="#">OpticalFFTGT</a>	3810	76.079 s	23.456 s
<a href="#">OpticalIFFTGT</a>	2540	45.887 s	8.952 s
<a href="#">ProagationDelayT</a>	1	34.657 s	7.152 s
<a href="#">MeasPower</a>	1792	34.533 s	32.026 s
<a href="#">findpeaks&gt;orderPeaks</a>	1792	22.975 s	22.975 s
<a href="#">mean</a>	3056650	19.444 s	19.444 s
<a href="#">FiltroGaussiano</a>	644	16.090 s	16.090 s
<a href="#">SelectEachCarrier</a>	1	16.047 s	13.044 s
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	1792	12.197 s	12.197 s
<a href="#">findpeaks&gt;combinePeaks</a>	1792	6.660 s	0.238 s
<a href="#">union</a>	1792	6.421 s	0.086 s
<a href="#">union&gt;unionR2012a</a>	1792	6.335 s	1.070 s
<a href="#">Fibra_Monomodo1</a>	132	6.060 s	5.964 s
<a href="#">fftshift</a>	1037	5.410 s	5.410 s



<a href="#">unique</a>	1792	5.265 s	0.138 s
<a href="#">hist</a>	768	5.193 s	5.180 s
<a href="#">unique&gt;uniqueR2012a</a>	1792	5.127 s	5.127 s
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	1792	5.037 s	5.037 s
<a href="#">findpeaks&gt;parse_inputs</a>	1792	3.640 s	3.256 s
<a href="#">linspace</a>	2049	2.516 s	2.516 s
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	1792	0.920 s	0.920 s
<a href="#">rectpulse</a>	259	0.773 s	0.773 s
<a href="#">validatestring</a>	5376	0.293 s	0.112 s
<a href="#">close</a>	257	0.220 s	0.020 s
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	1792	0.154 s	0.154 s
<a href="#">close&gt;safegetchildren</a>	257	0.144 s	0.027 s
<a href="#">allchild</a>	257	0.116 s	0.067 s
<a href="#">validatestring&gt;checkString</a>	5376	0.110 s	0.110 s
<a href="#">flipud</a>	512	0.079 s	0.079 s
<a href="#">validatestring&gt;checkInputs</a>	5376	0.071 s	0.071 s
<a href="#">target</a>	10752	0.064 s	0.064 s
<a href="#">close&gt;getEmptyHandleList</a>	257	0.054 s	0.054 s
<a href="#">time2freq_lamb_2</a>	5	0.036 s	0.029 s
<a href="#">Set_MZ_Input_Data_Simp</a>	5	0.026 s	0.020 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	257	0.021 s	0.007 s
<a href="#">findpeaks&gt;assignOutputs</a>	1792	0.016 s	0.016 s
<a href="#">...set(rootobj,'ShowHiddenHandles'.Temp)</a>	257	0.014 s	0.014 s
<a href="#">signal\private\chkinputdatatype</a>	3584	0.013 s	0.013 s
<a href="#">allchild&gt;getchildren</a>	257	0.013 s	0.013 s
<a href="#">axescheck</a>	768	0.013 s	0.013 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	257	0.012 s	0.012 s



<a href="#">isduration</a>	5376	0.009 s	0.009 s
<a href="#">num2str</a>	10	0.006 s	0.004 s
<a href="#">isdatetime</a>	1792	0.005 s	0.005 s
<a href="#">uitools\private\allchildRootHelper</a>	257	0.003 s	0.003 s
<a href="#">time2freq</a>	1	0.003 s	0.001 s
<a href="#">Fibra_Monomodo_Input_Data</a>	132	0.003 s	0.003 s
<a href="#">int2str</a>	10	0.003 s	0.003 s
<a href="#">close&gt;checkfigs</a>	257	0.001 s	0.001 s
<a href="#">close&gt;request_close</a>	257	0.001 s	0.001 s
<a href="#">nextpow2</a>	3	0.001 s	0.001 s
<a href="#">pwd</a>	4	0.000 s	0.000 s

**Self time** is the time spent in a function excluding the time spent in its child functions. Self time also includes overhead resulting from the process of profiling.


ions. Self