Open Systems Pharmacology Suite - 11
Installation Validation

User1

May 19, 2022

Contents

Chapter 1

Installation Validation Results

Overall Validation Result
Invalid

1.1 Validation Summary

Run Duration
Start time: 2022-05-19 16:43
End time: 2022-05-19 18:42
Validation performed in 01h:59m:03s:889ms

Input Configuration Folder
C:\ProgramData\Open Systems Pharmacology\InstallationValidator\11.0\Inputs\BatchFiles

Local Outputs Location
C:\Users\User1\AppData\Roaming\Open Systems Pharmacology\InstallationValidator\11.0\Outputs

Application Versions
PK-Sim Version 11.0.150
MoBi Version 11.0.138

Language Settings
Japanese (Japan) (ja-JP)

Computer Name
WIN11_JP

Operating System
Windows 10 Pro

Architecture
x64

Running on Virtual Machine
Yes

Running on Terminal Session
No

1.2 Comparison Results

Overall Comparison Result
Invalid

Installation Folder
C:\ProgramData\Open Systems Pharmacology\InstallationValidator\11.0\Outputs\BatchFiles

Computed Folder
C:\Users\User1\AppData\Roaming\Open Systems Pharmacology\InstallationValidator\11.0\Outputs

1.2.1 Invalid Simulations (1/155)

Simulation: Human_MultiORAL_6_12_12_Dissolved-Human_MultiORAL_6_12_12_Dissolved_solubility
Result of the validation: Invalid
Absolute Tolerance: 1.00E-13
Relative Tolerance: 1.00E-8

Output Path: Organism|Lumen|LowerJejunum|drug|Fraction of oral drug mass absorbed into mucosa segment
Deviation for 'Organism|Lumen|LowerJejunum|drug|Fraction of oral drug mass absorbed into mucosa segment'
is 100.00% and is greater than the allowed max. tolerance of 3.00%
Deviation: 1.00

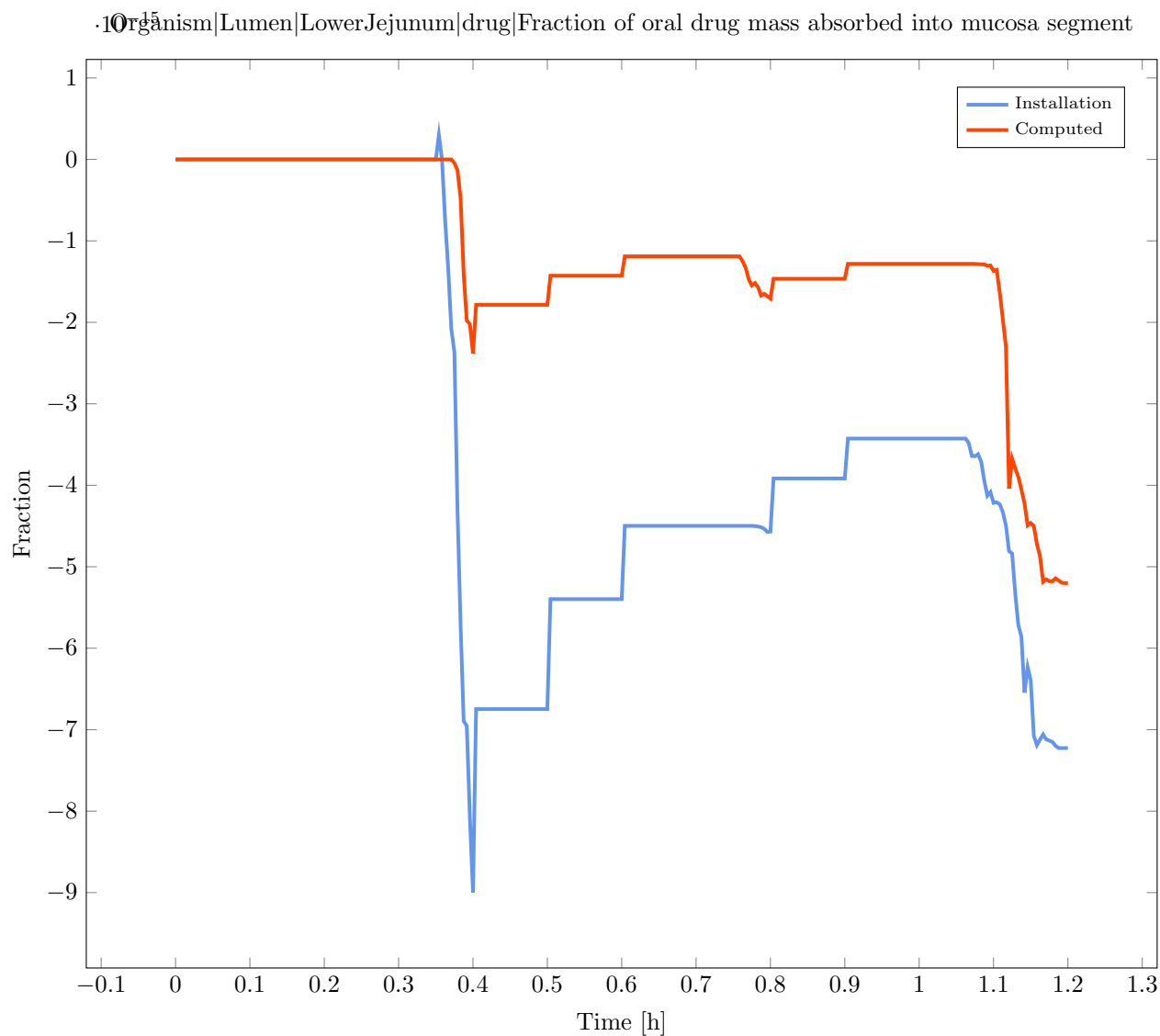Organism|Lumen|LowerJejunum|drug|Fraction of oral drug mass absorbed into mucosa segment
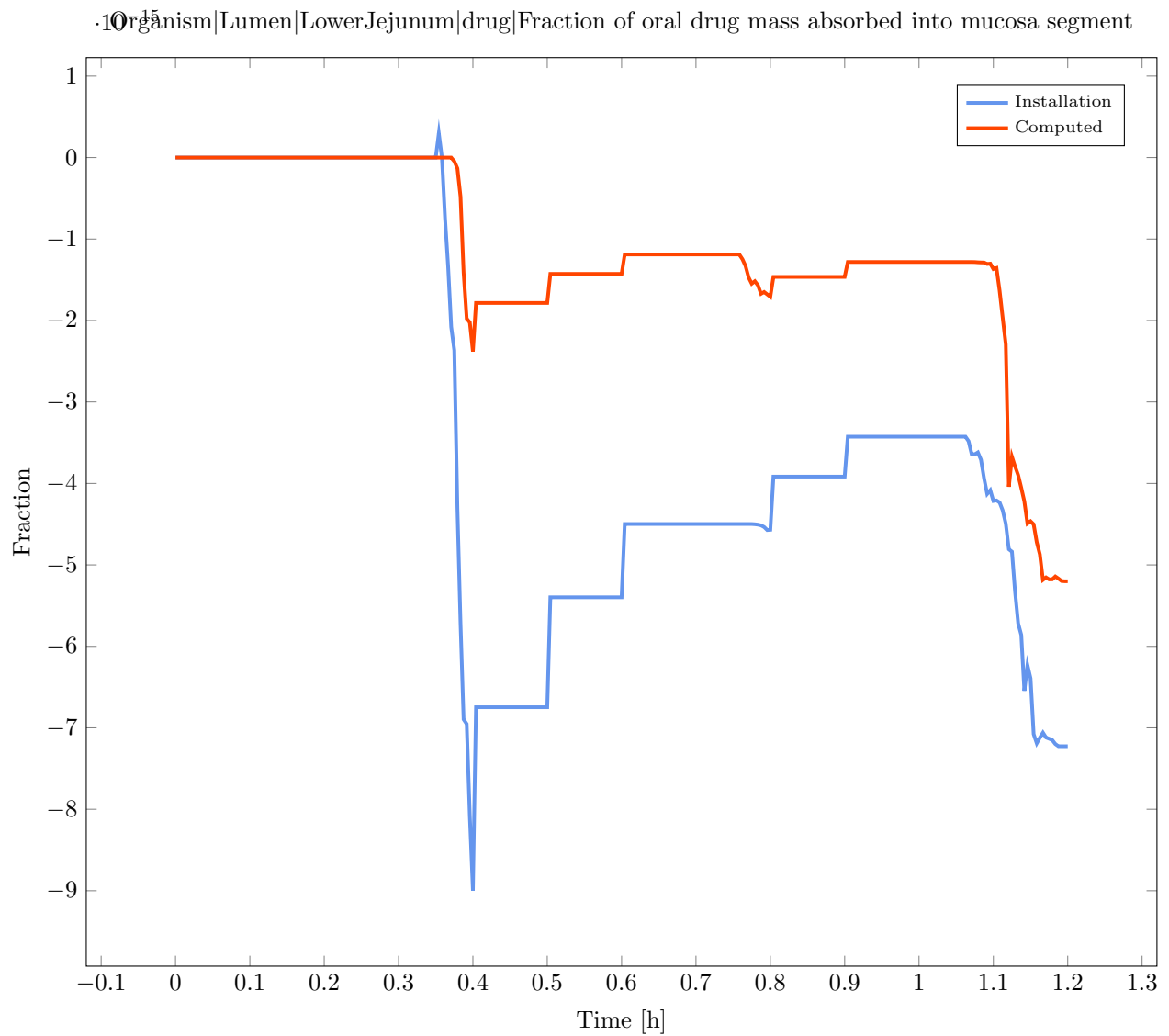
Figure 1.1

Figure 1.2

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 9.74E-8

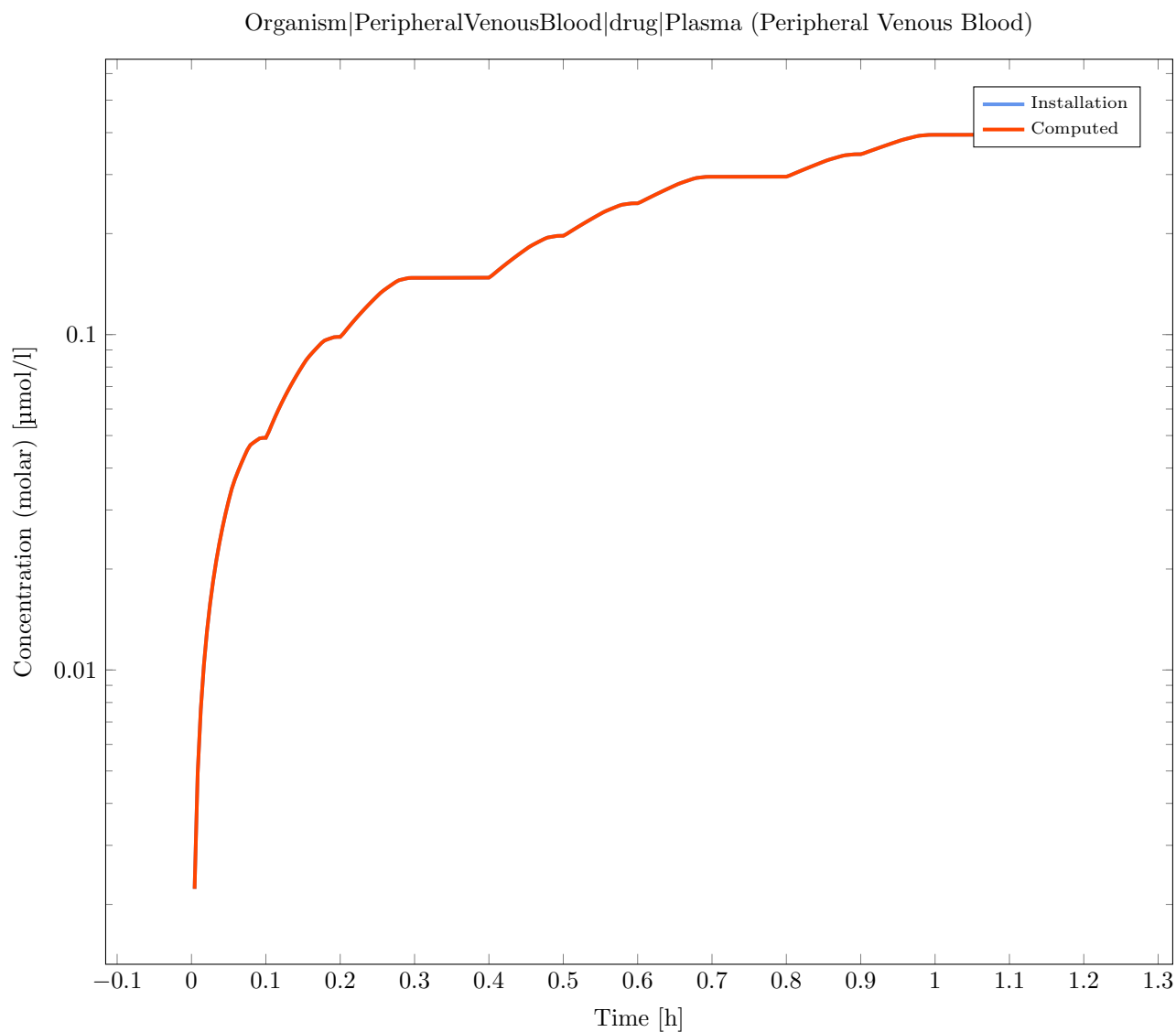Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.3

1.2.2   Valid Simulations (154/155)

Simulation: Beagle_SingleORAL_Dissolved-Beagle_SingleORAL_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
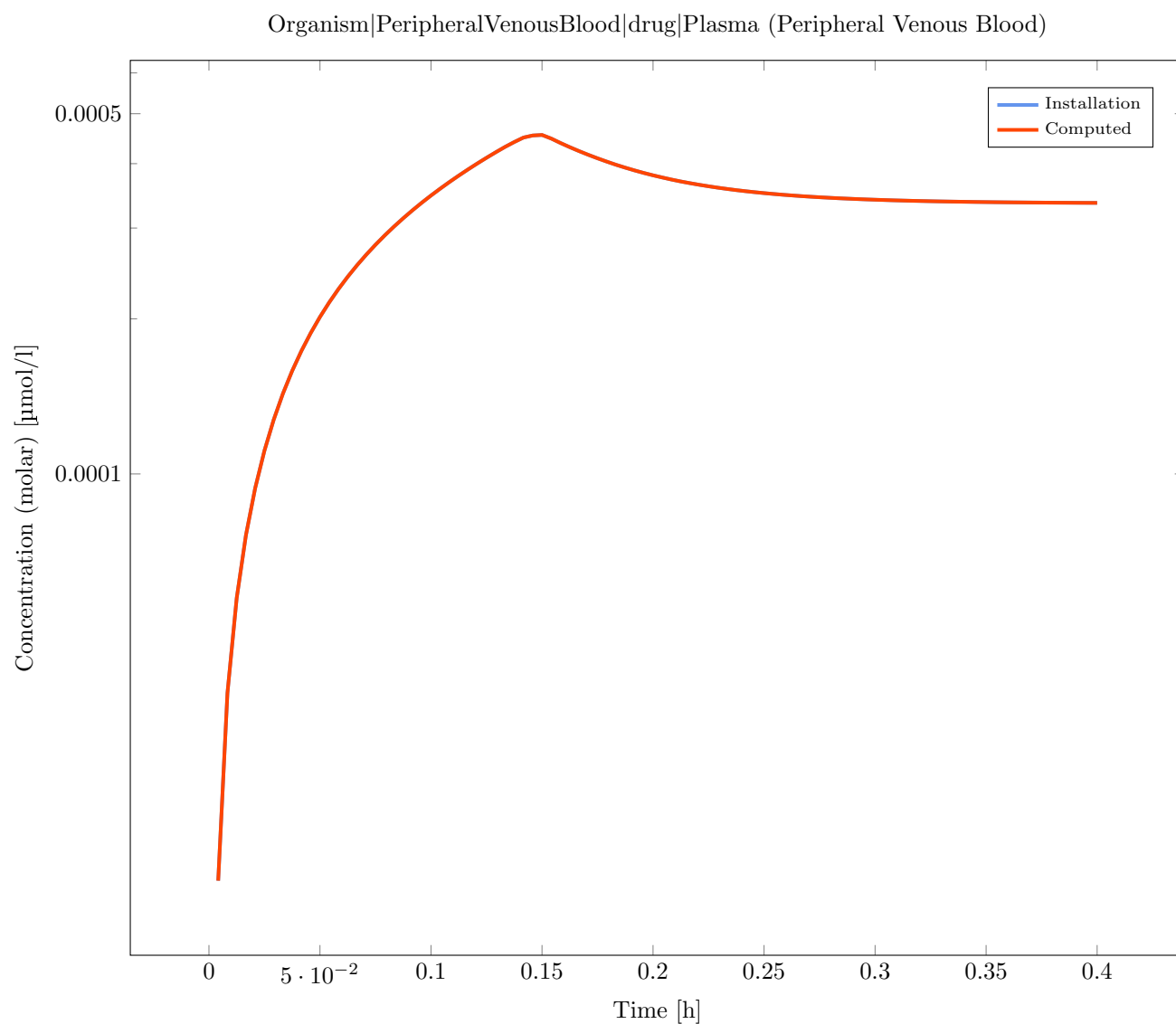Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.4

Simulation: Beagle_SingleORAL_Dissolved-Beagle_SingleORAL_Dissolved_MW_200_fu_0.2_LogP_-5
Result of the validation: Valid

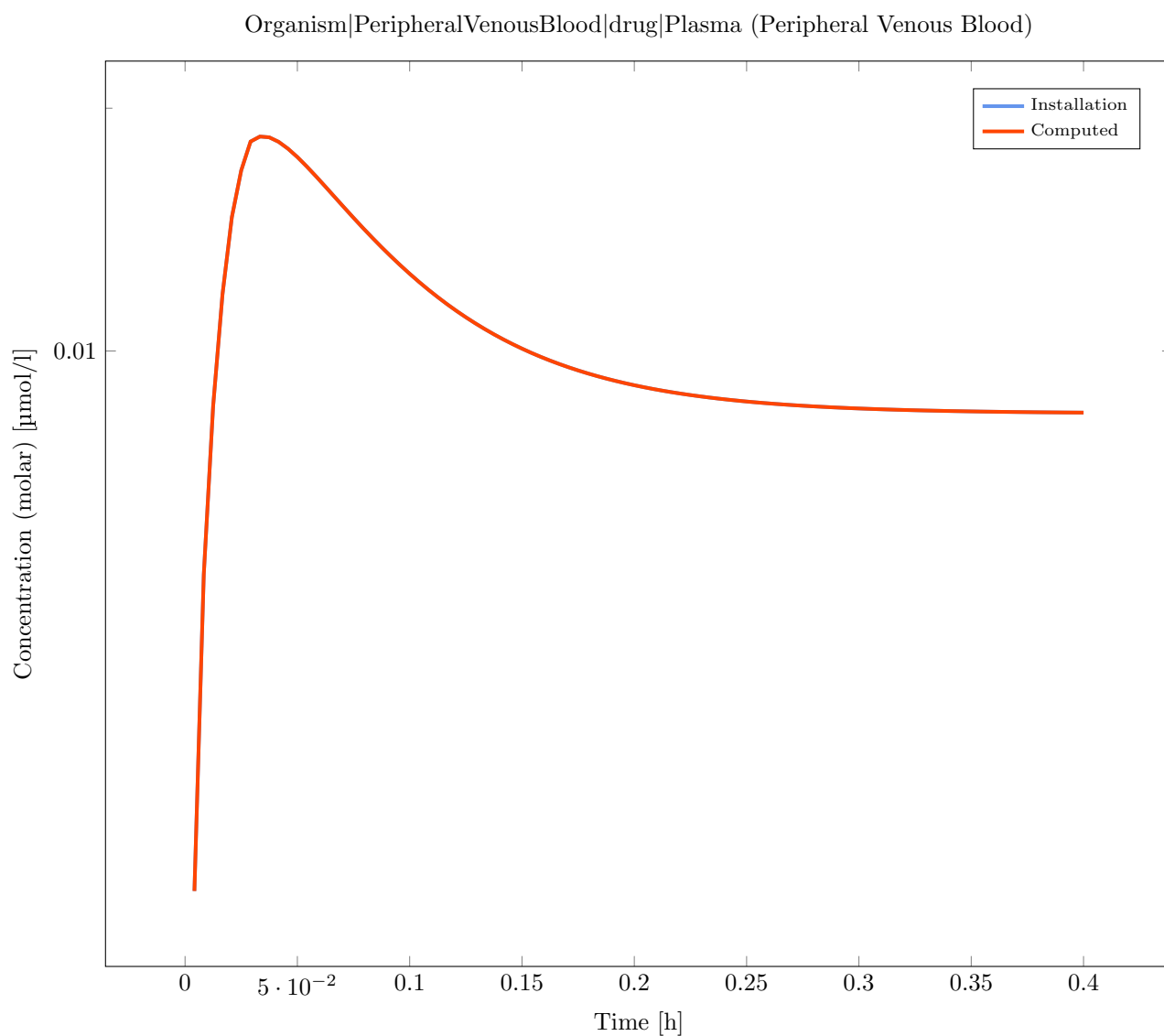**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.5

**Simulation: Beagle_SingleORAL_Dissolved-Beagle_SingleORAL_Dissolved_MW_800_fu_0.6_LogP_-
-5**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
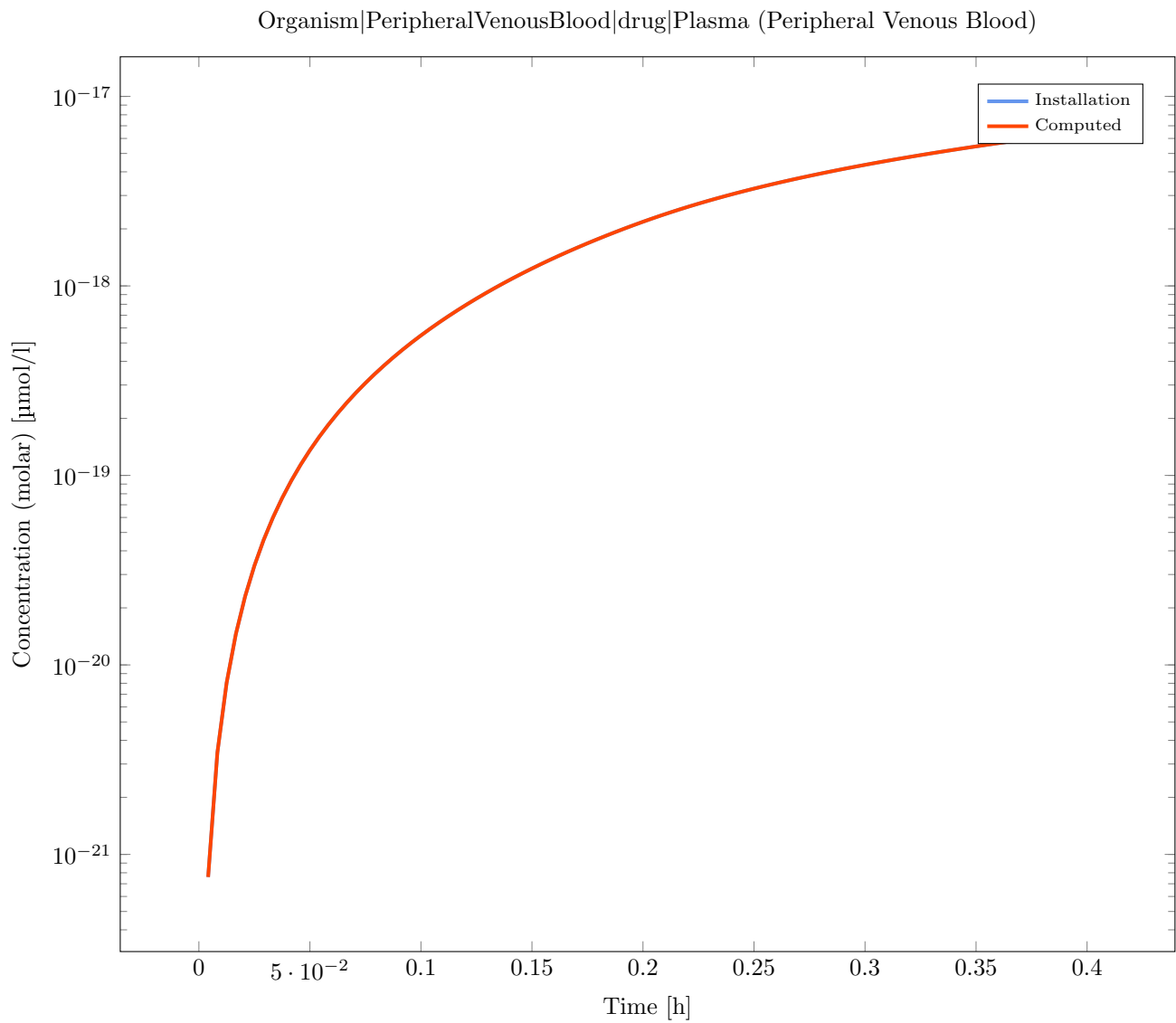Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.6

Simulation: DDI_MultipleCombinations-01_MM_Competitive_Competitive
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
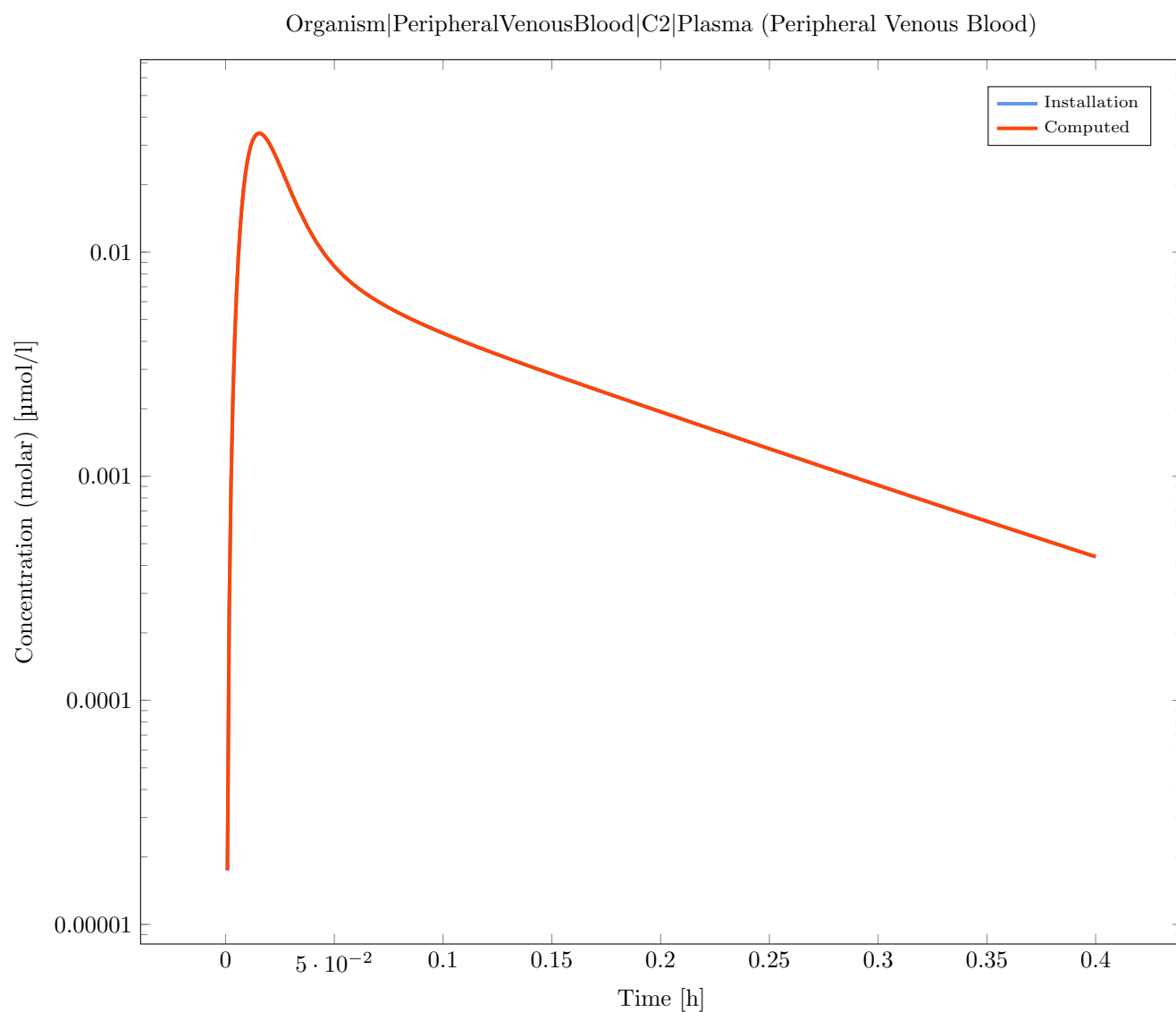Deviation: 3.84E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.7

Output Path: Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)
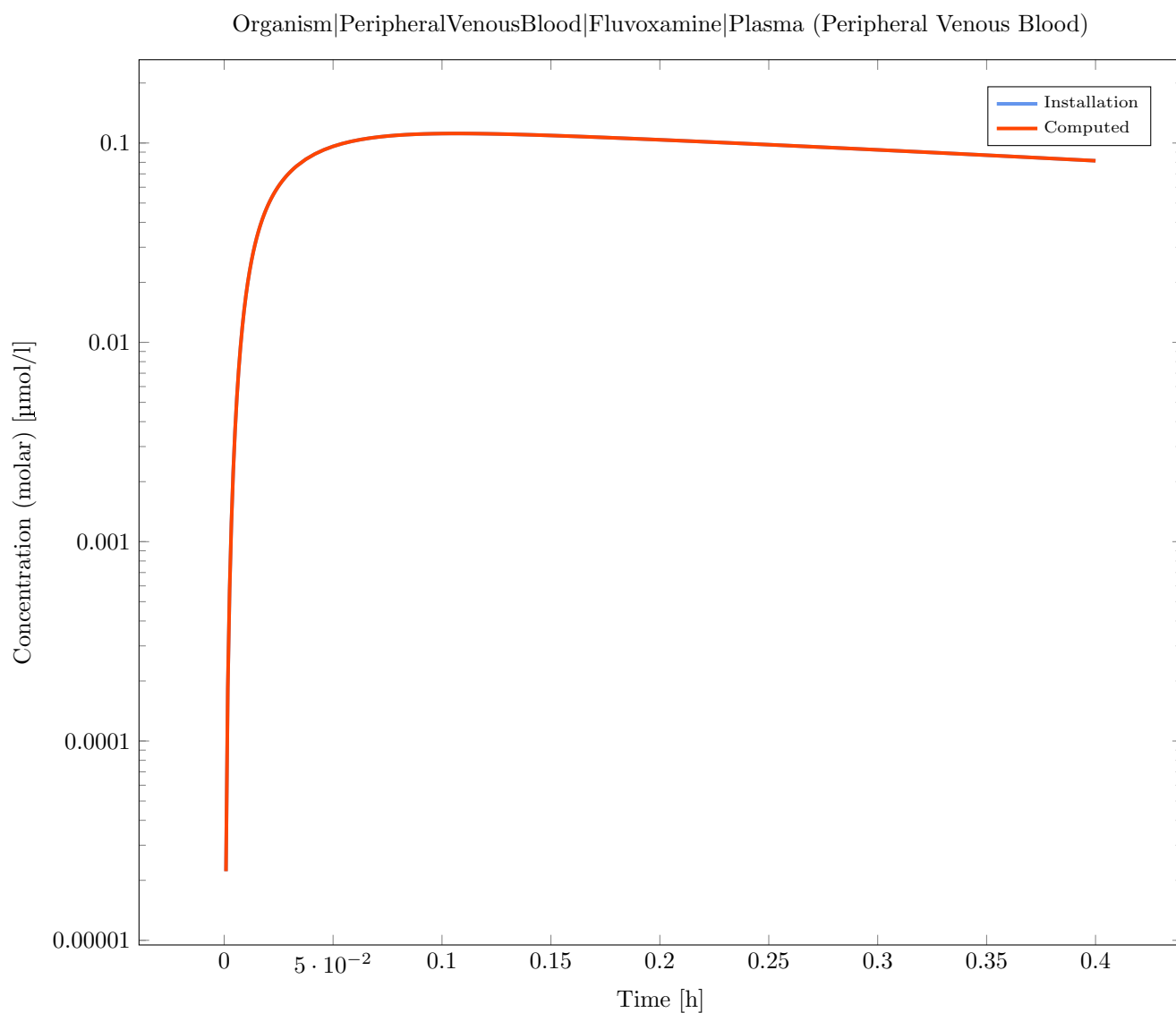Deviation: 2.00E-4

Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)

Figure 1.8

Output Path: Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)
Deviation: 2.44E-4

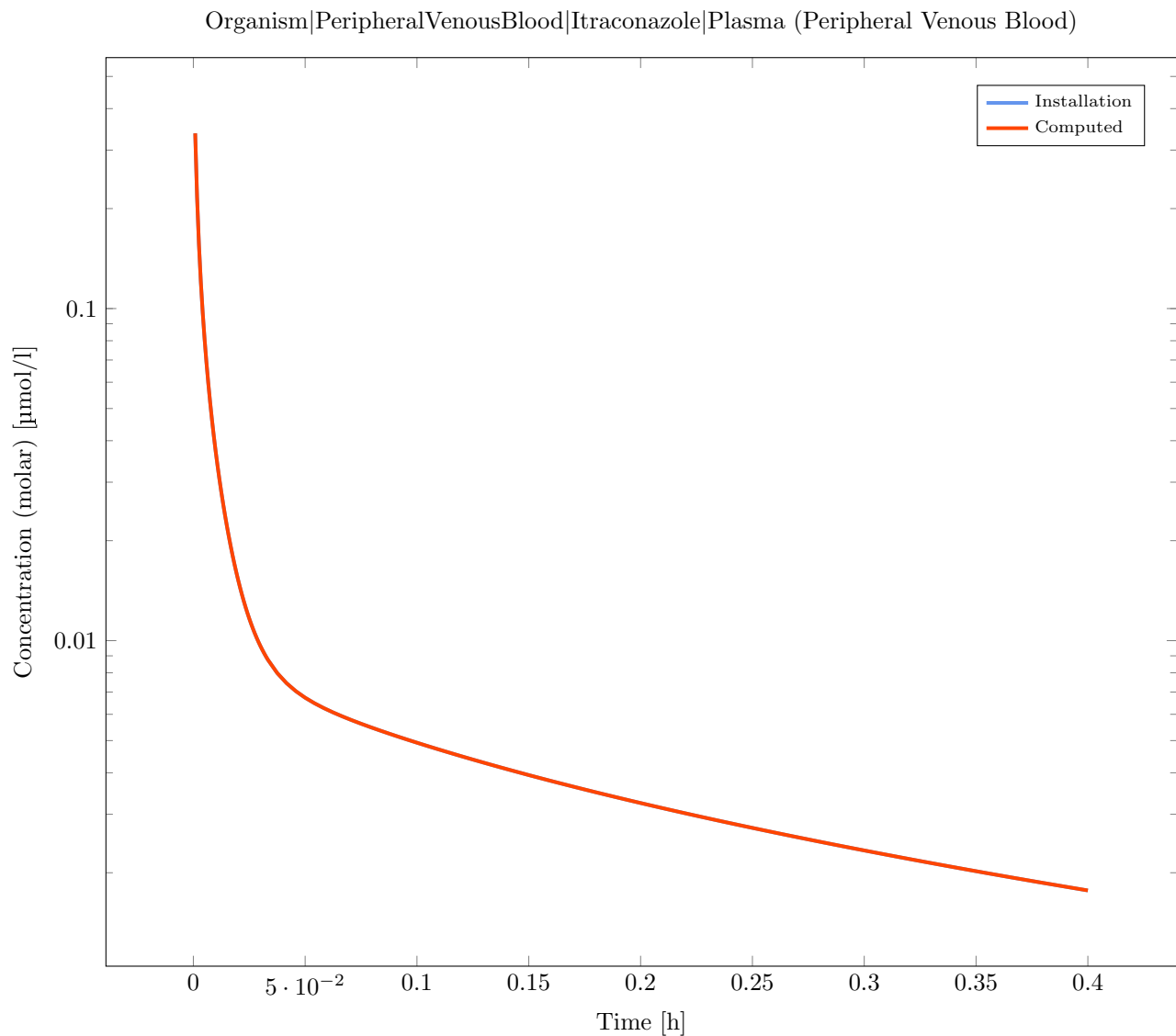Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)

Figure 1.9

Simulation: DDI_MultipleCombinations-02_MM_Uncompetitive_Uncompetitive
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
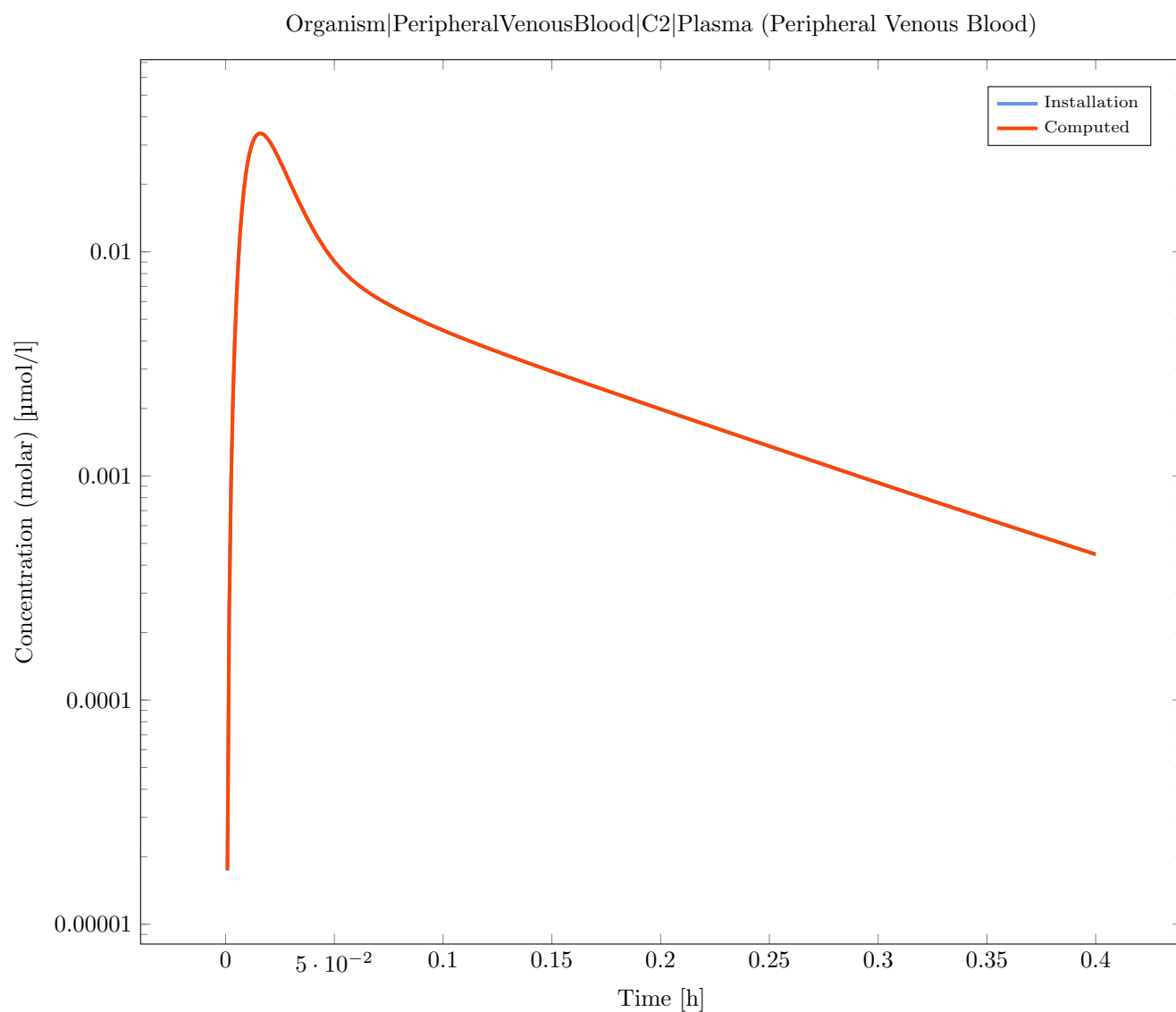Deviation: 3.77E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.10

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
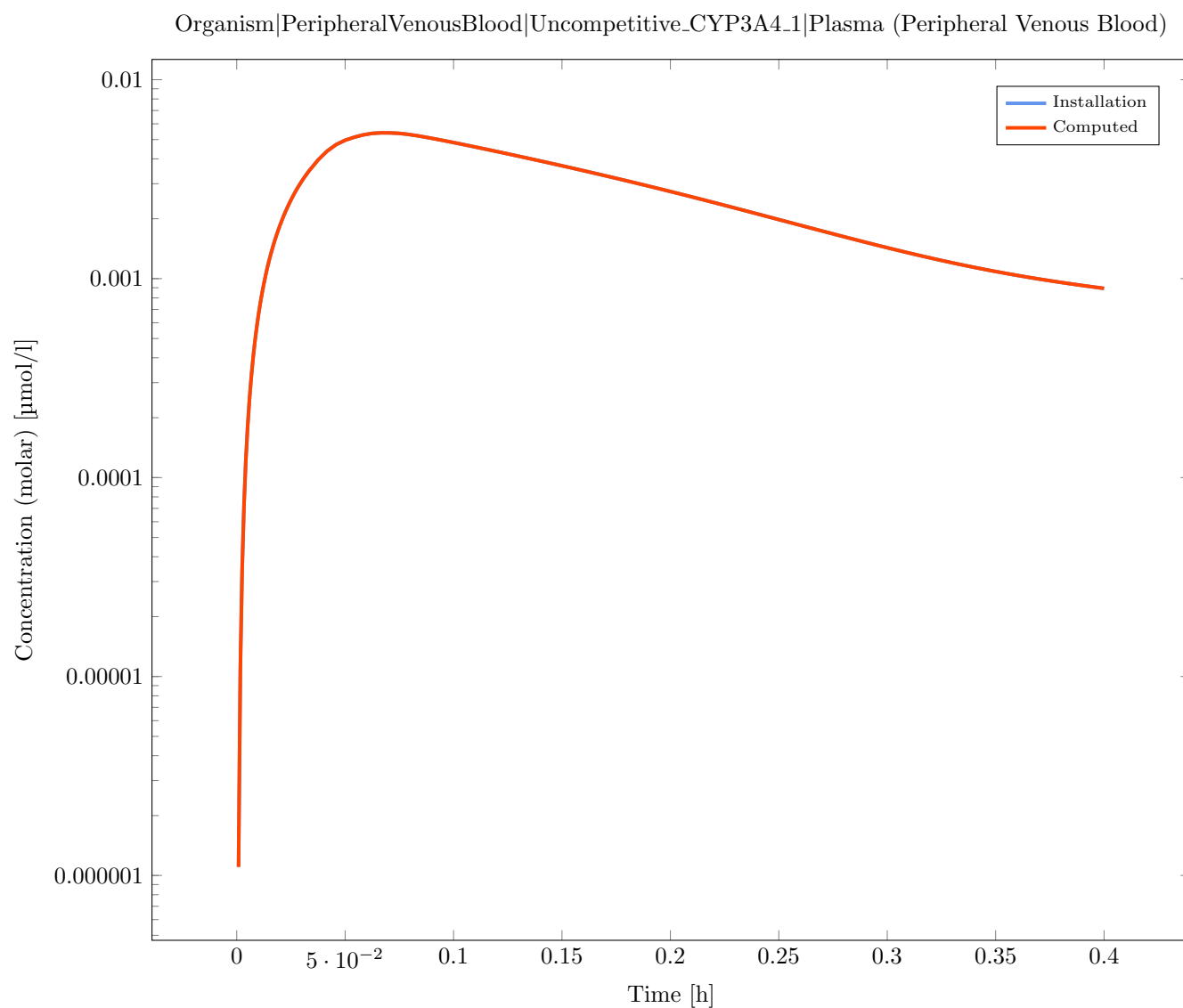Deviation: 3.69E-4

Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.11

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)
Deviation: 3.69E-4

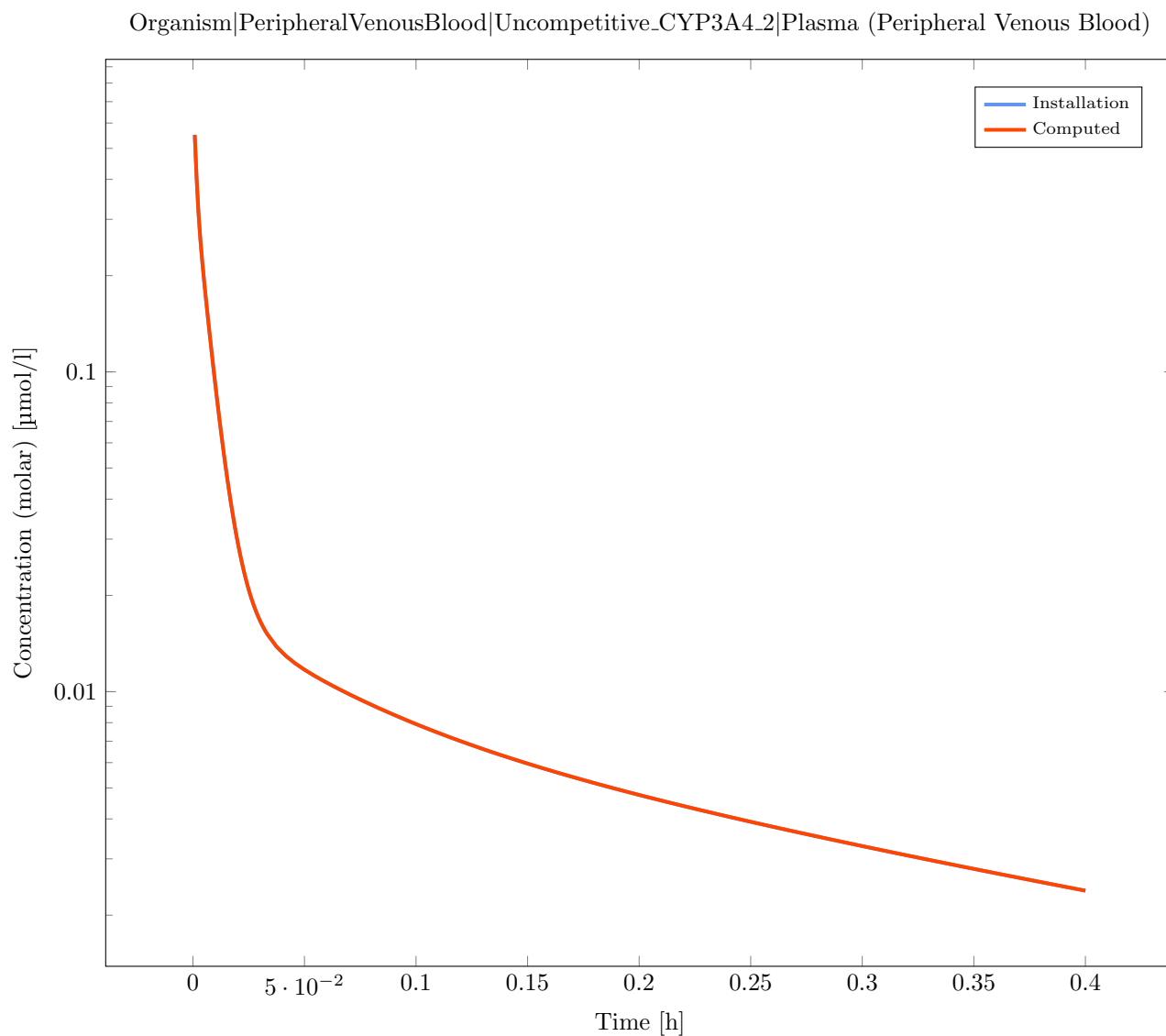Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)

Figure 1.12

Simulation: DDI_MultipleCombinations-03_MM_Noncompetitive_Noncompetitive
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
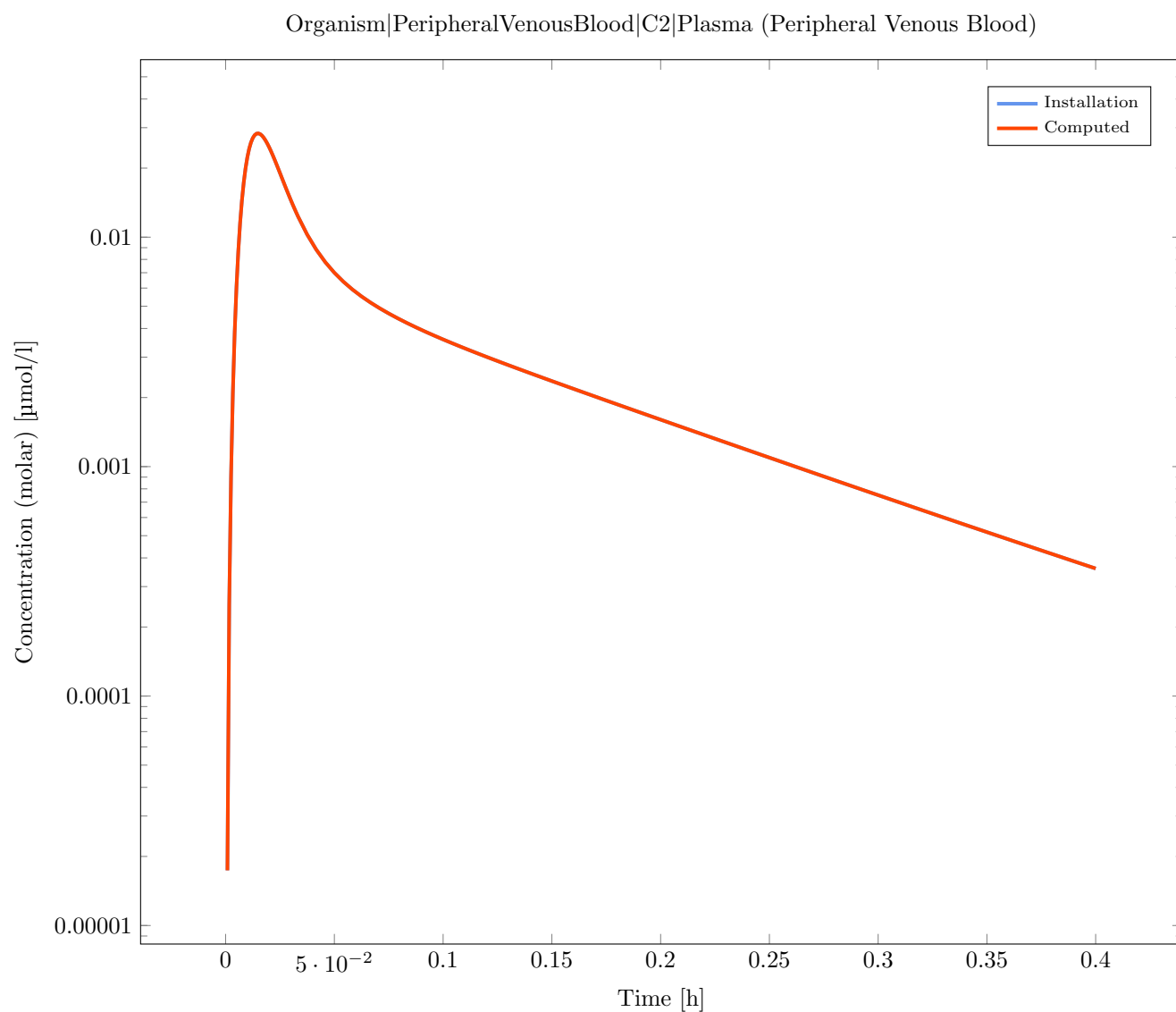Deviation: 3.58E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.13

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
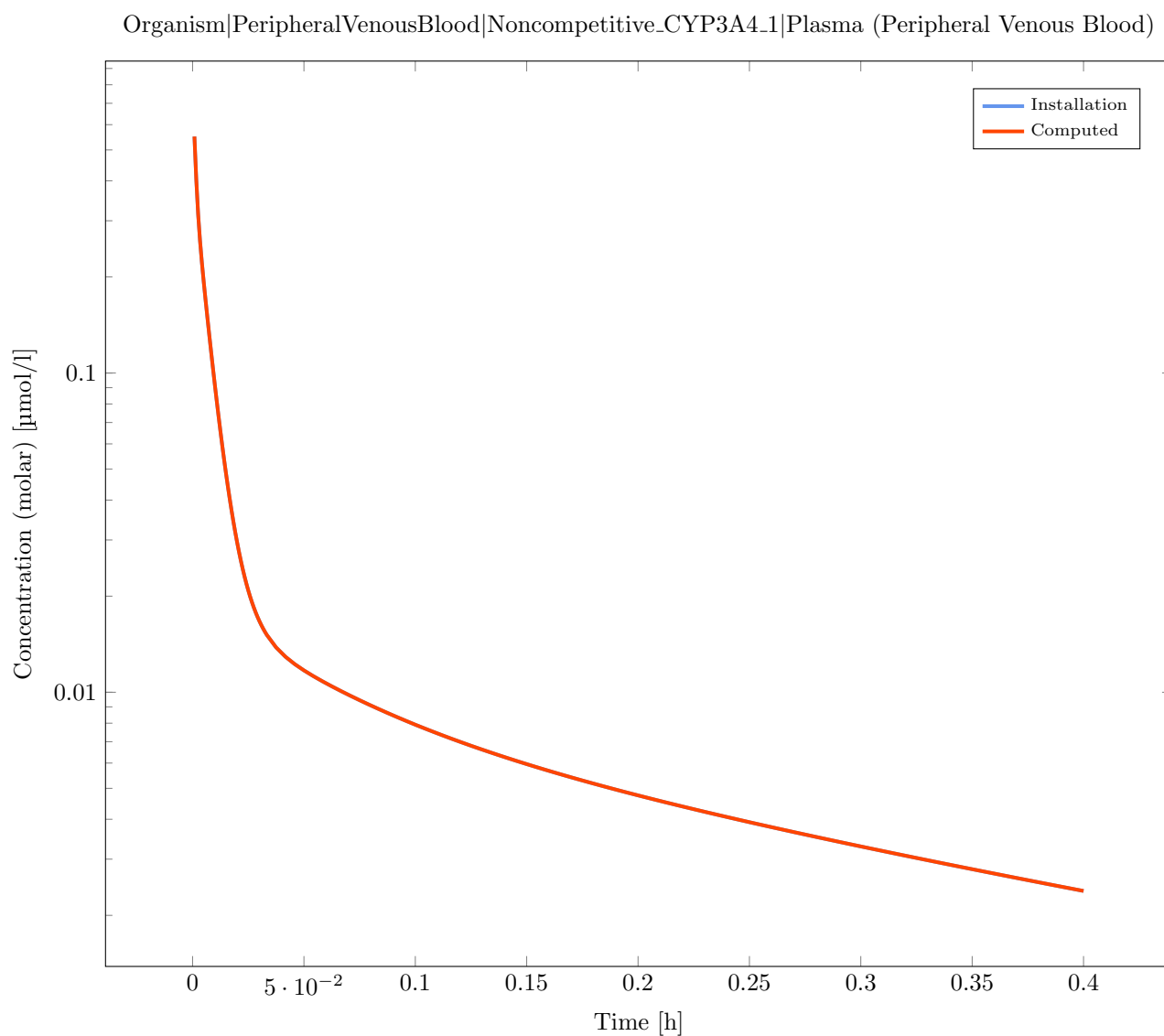Deviation: 3.68E-4

Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.14

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)
Deviation: 3.06E-4

Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)

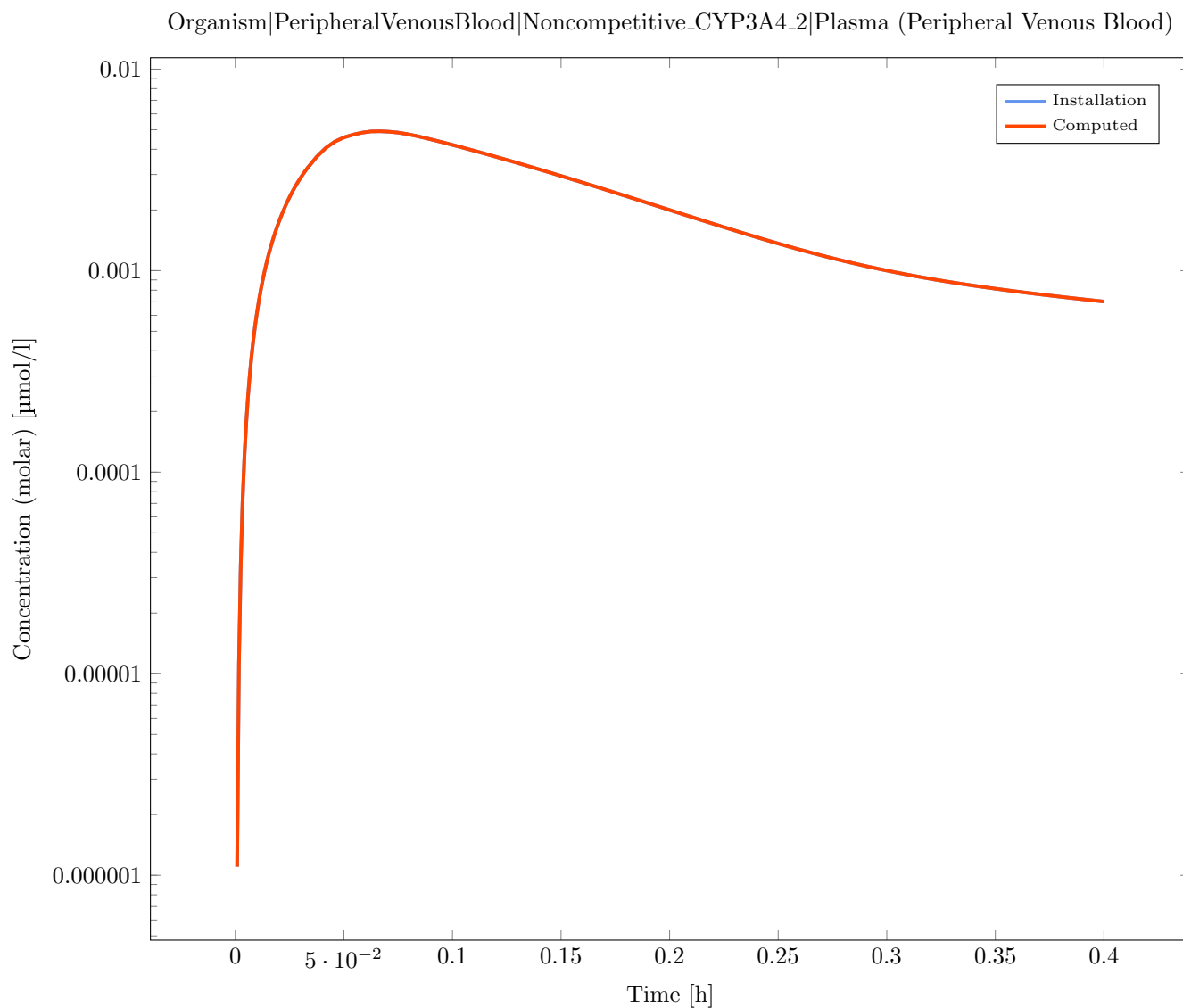**Figure 1.15**

Simulation: DDI_MultipleCombinations-04_MM_Mixed_Mixed
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
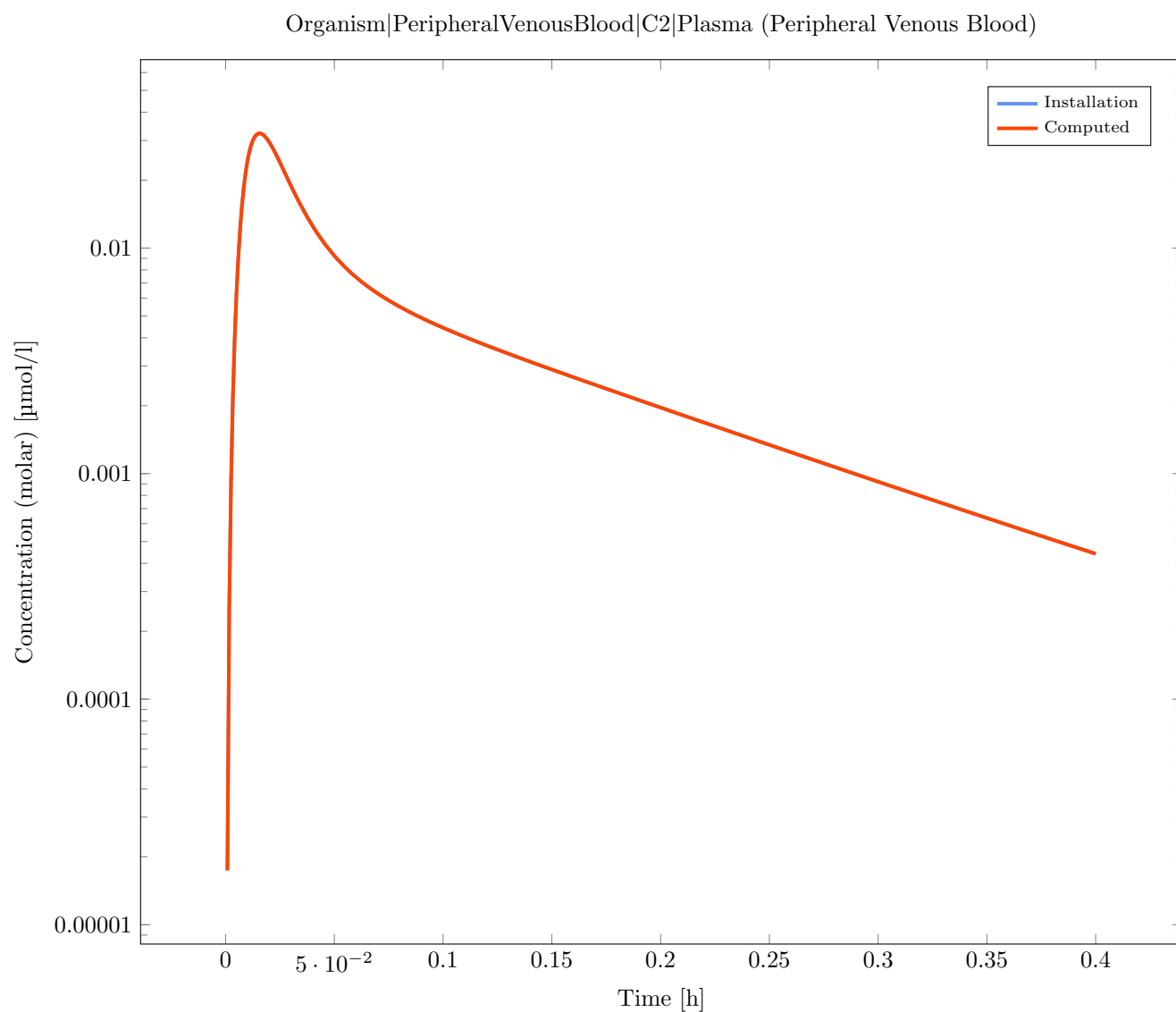Deviation: 3.82E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.16

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_1|Plasma (Peripheral Venous Blood)
Deviation: 3.16E-4

Organism|PeripheralVenousBlood|Mixed_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.17

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_2|Plasma (Peripheral Venous Blood)
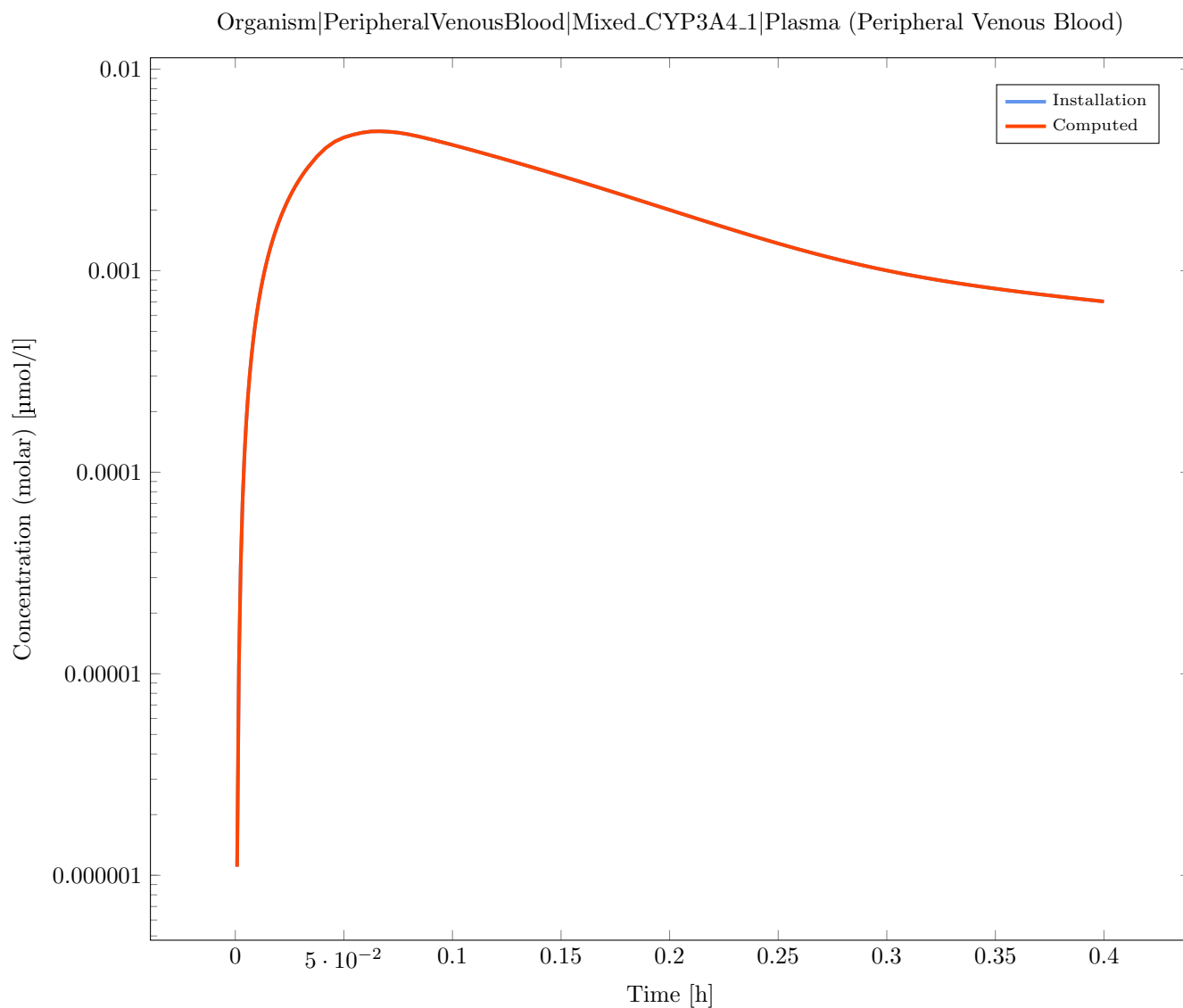Deviation: 3.68E-4

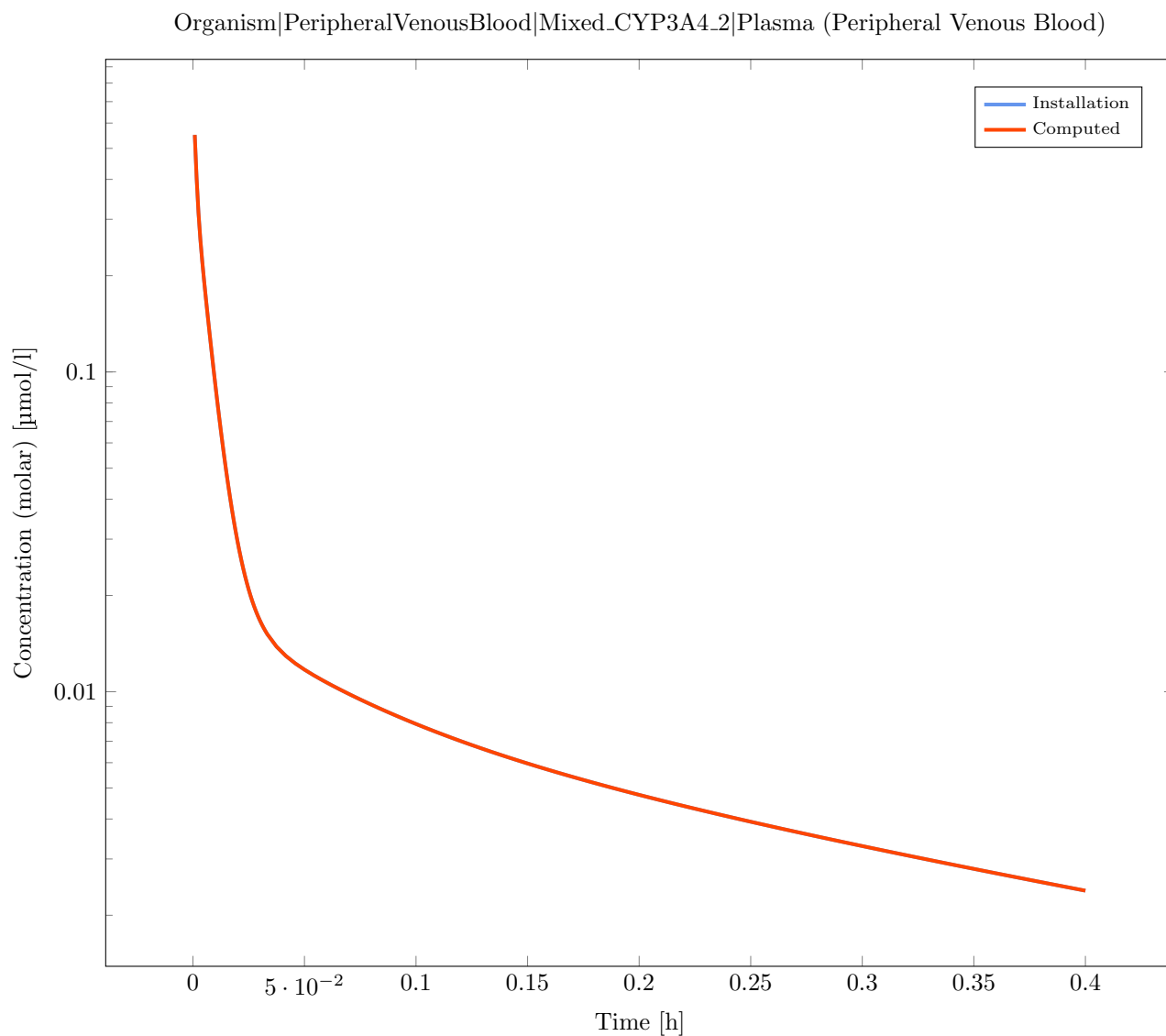Organism|PeripheralVenousBlood|Mixed_CYP3A4_2|Plasma (Peripheral Venous Blood)

Figure 1.18

Simulation: DDI_MultipleCombinations-05_MM_Mechanismbased_Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
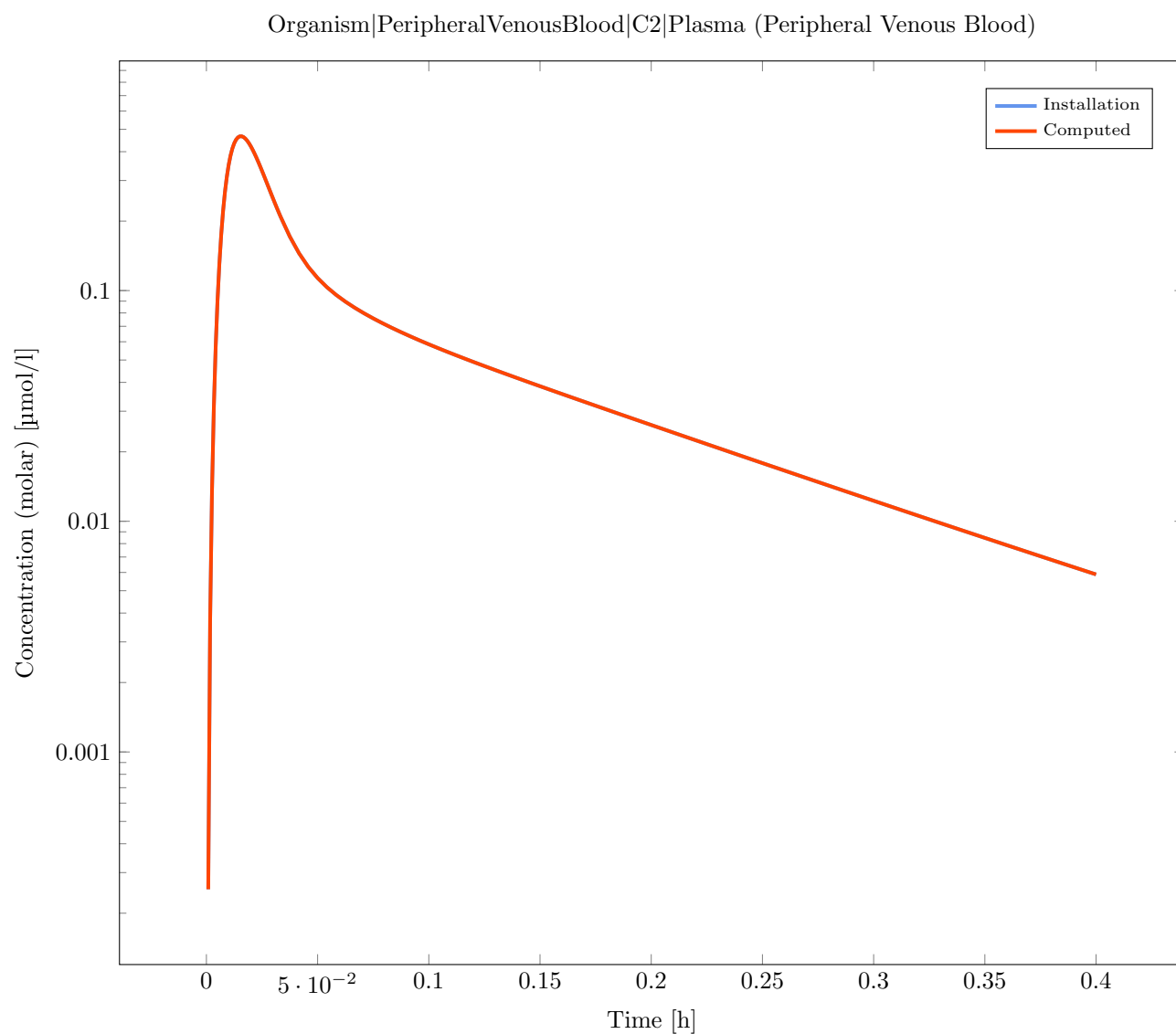Deviation: 3.69E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.19

Output Path: Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)
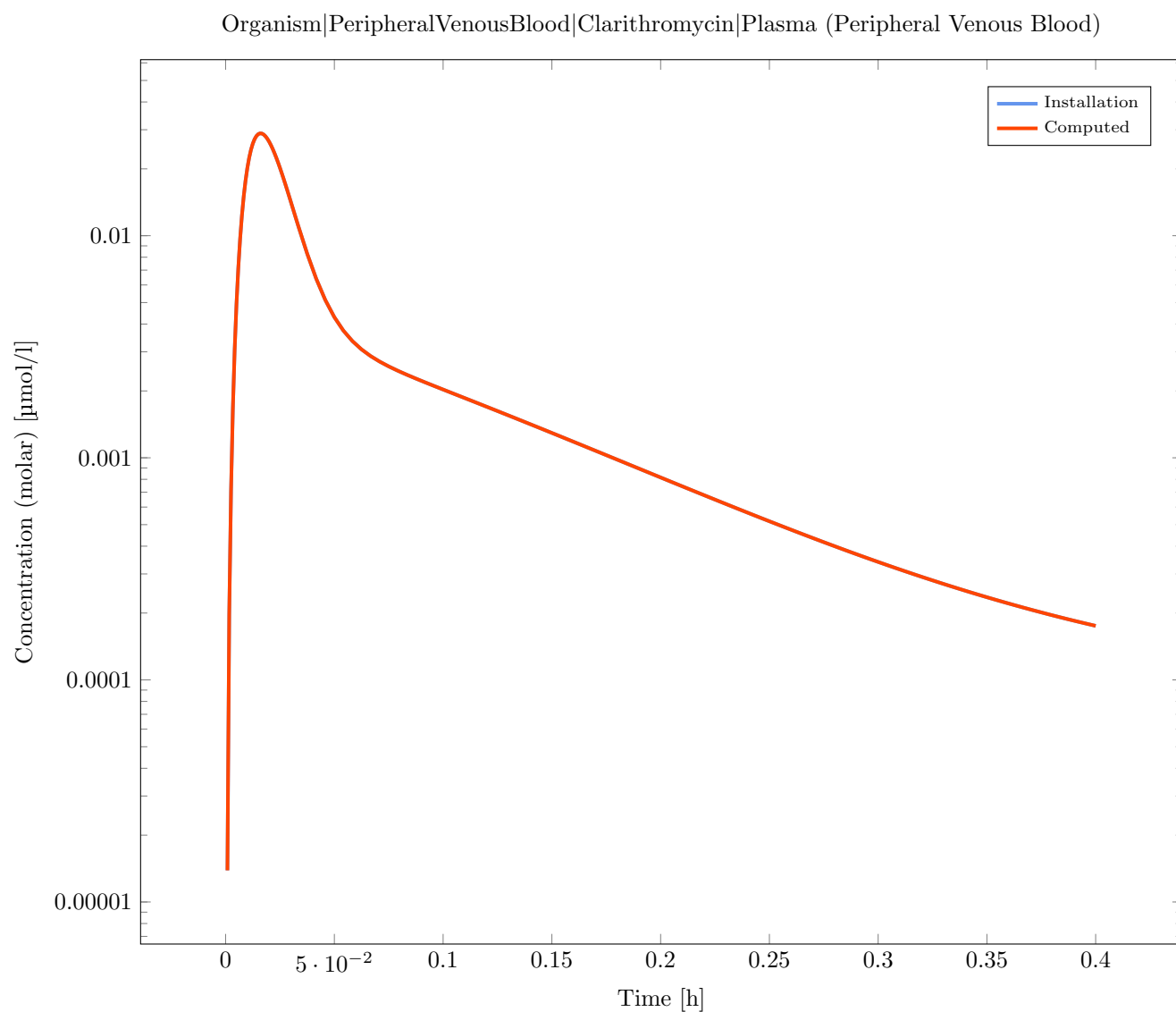Deviation: 2.03E-4

Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)

Figure 1.20

Output Path: Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)
Deviation: 3.61E-4

Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)

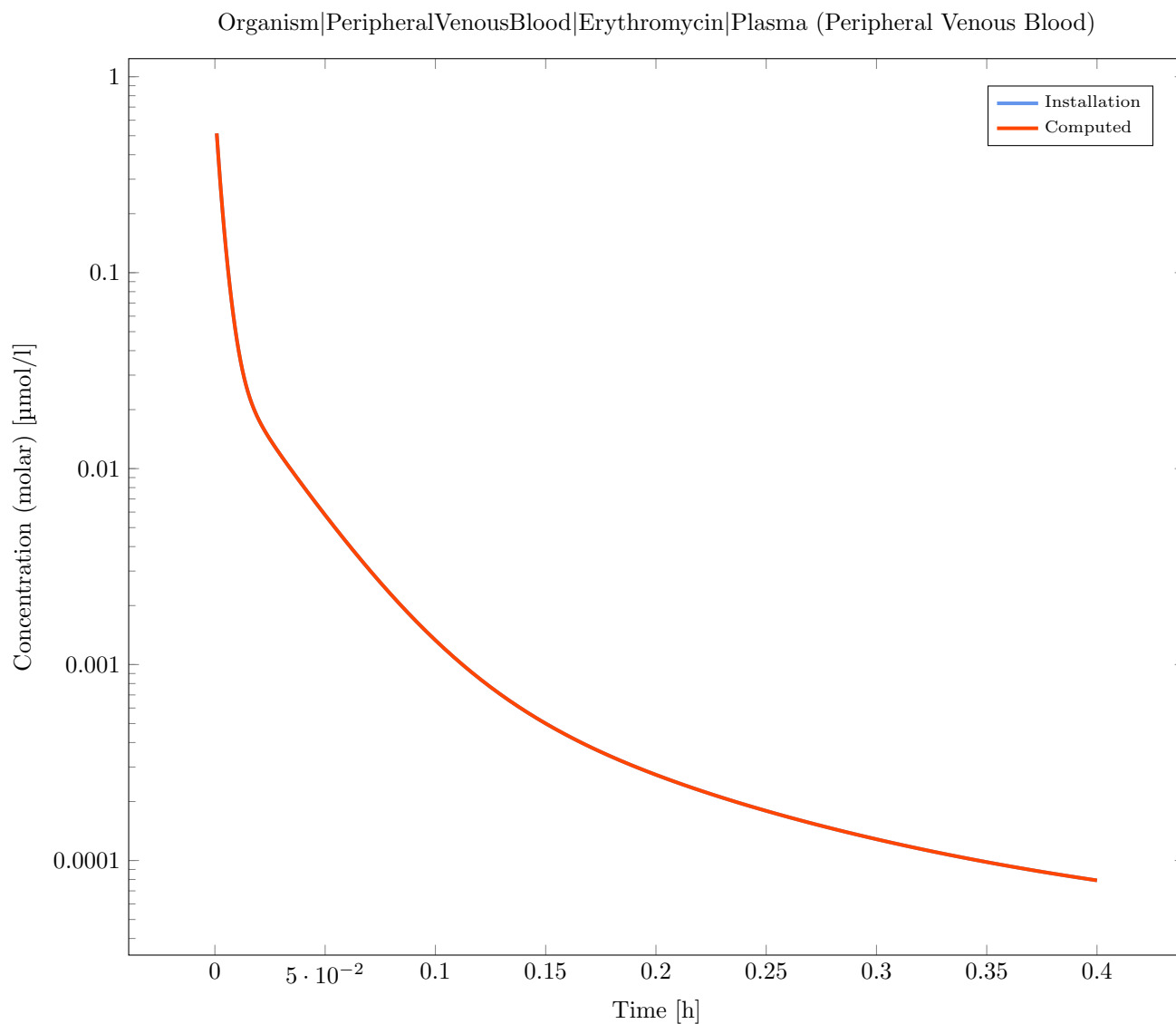**Figure 1.21**

Simulation: DDI_MultipleCombinations-06_MM_Induction_Induction
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
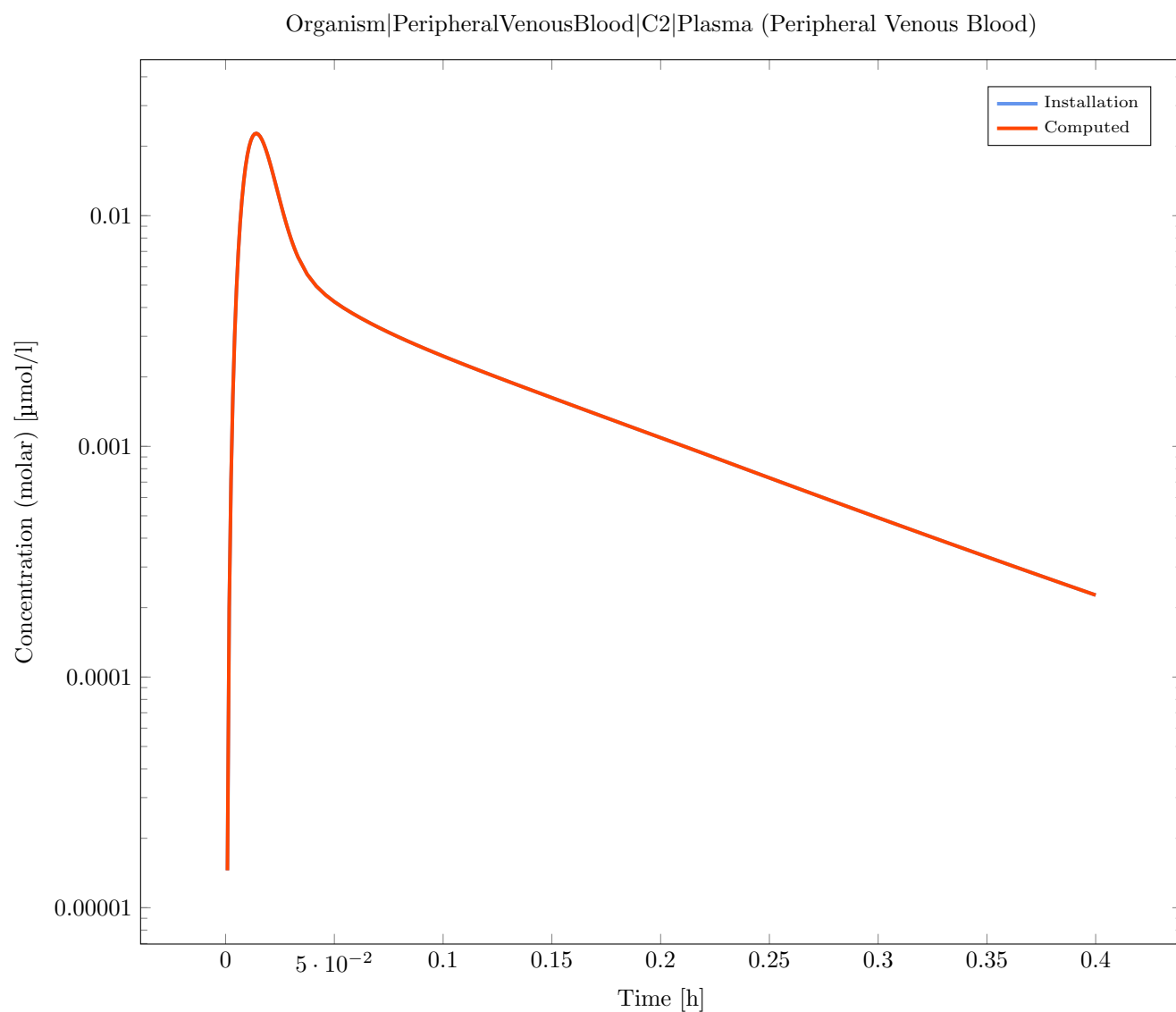Deviation: 3.14E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.22

Output Path: Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)
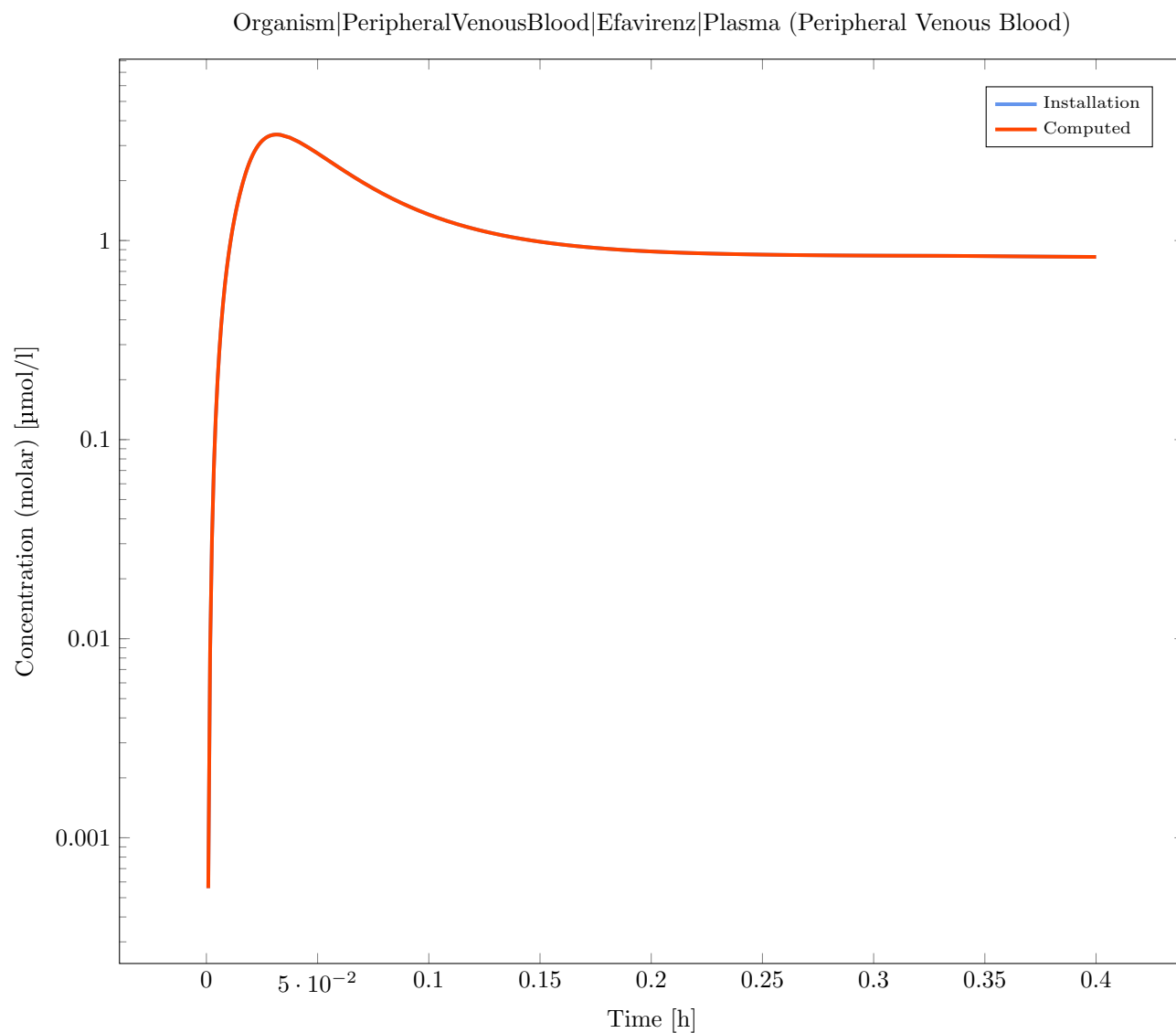Deviation: 1.65E-4

Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)

Figure 1.23

Output Path: Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)
Deviation: 3.68E-4

Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)

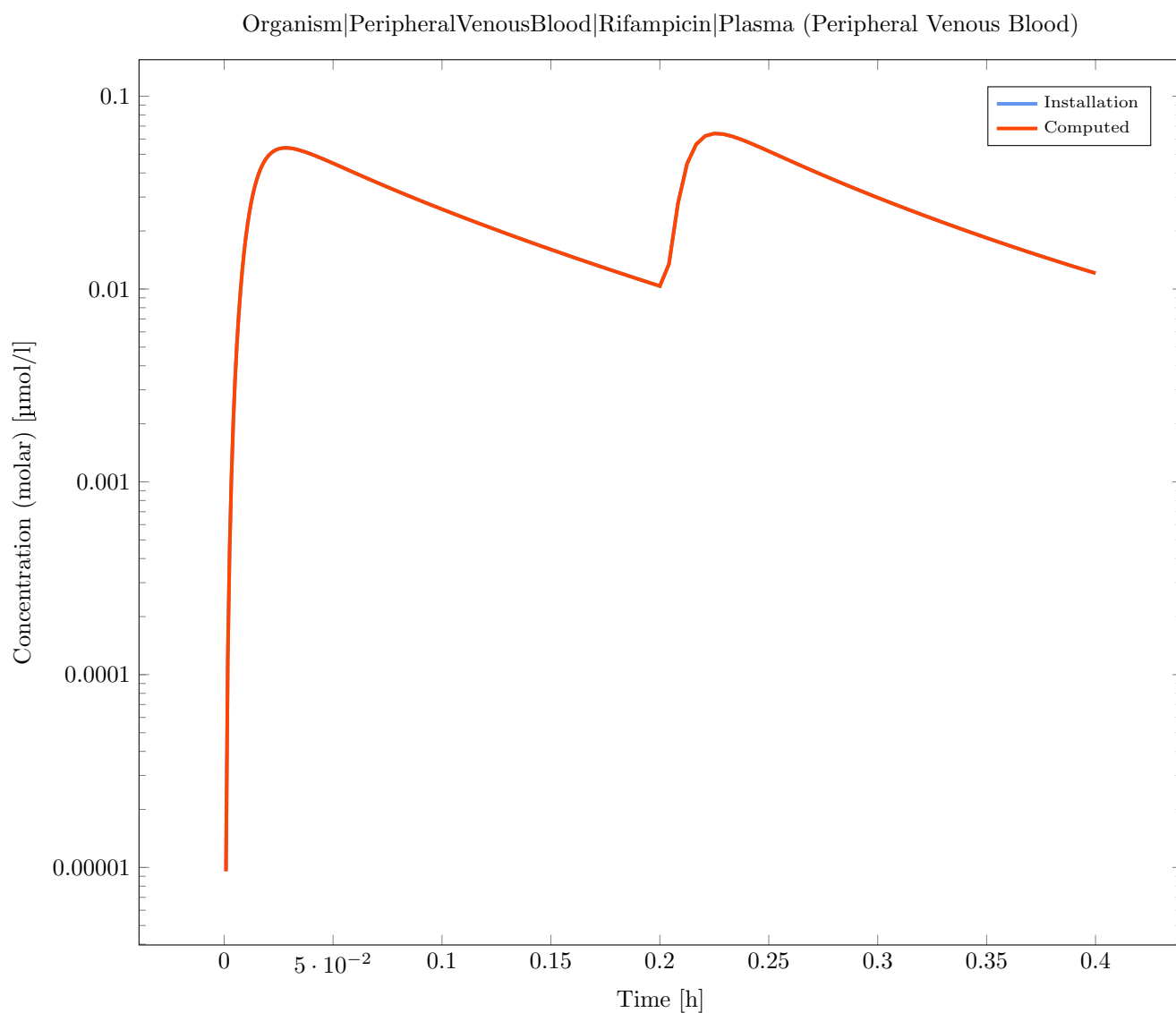**Figure 1.24**

Simulation: DDI_MultipleCombinations-07_MM_Competitive_Competitive_Mechanismbased_Mechanismbase
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
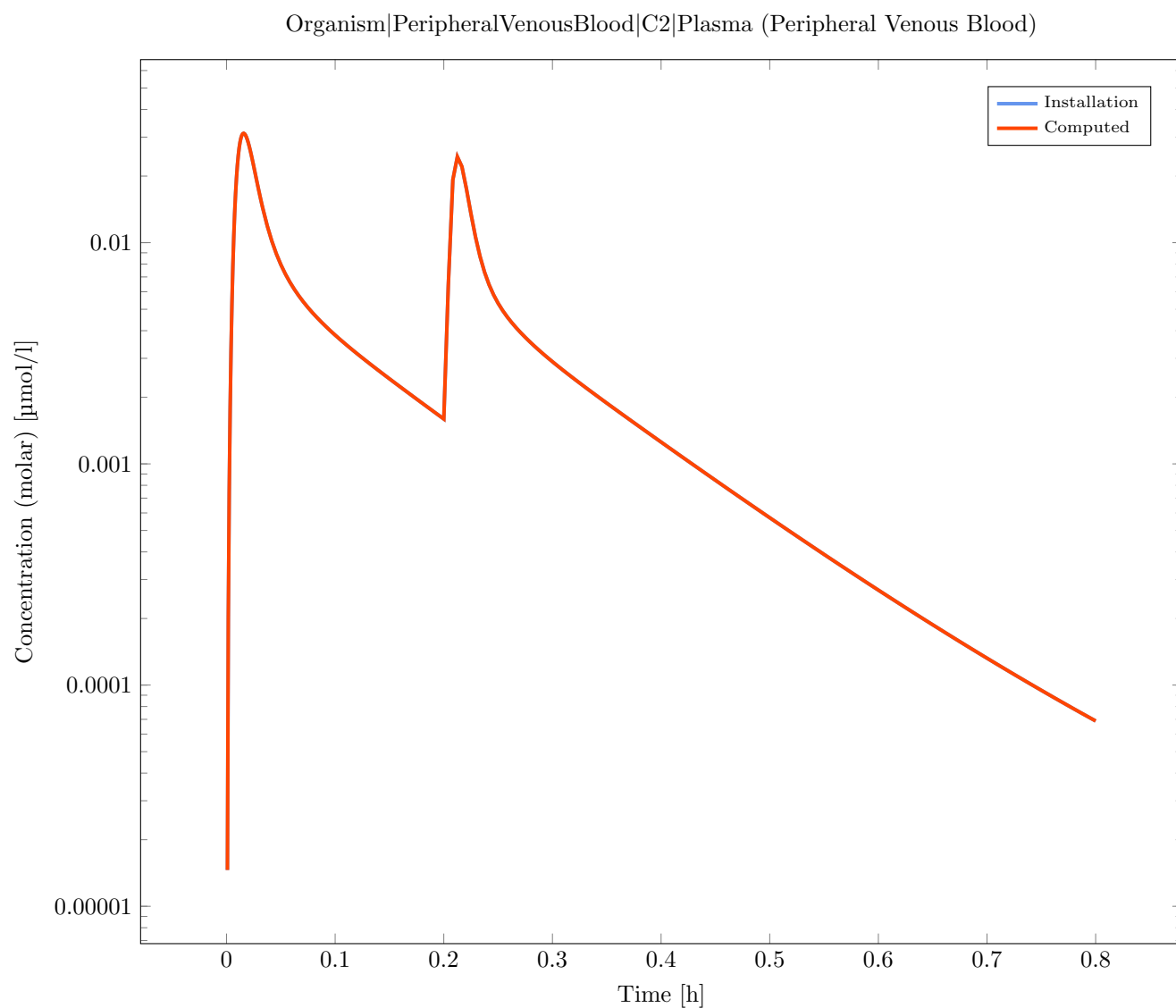Deviation: 3.29E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.25

Output Path: Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)
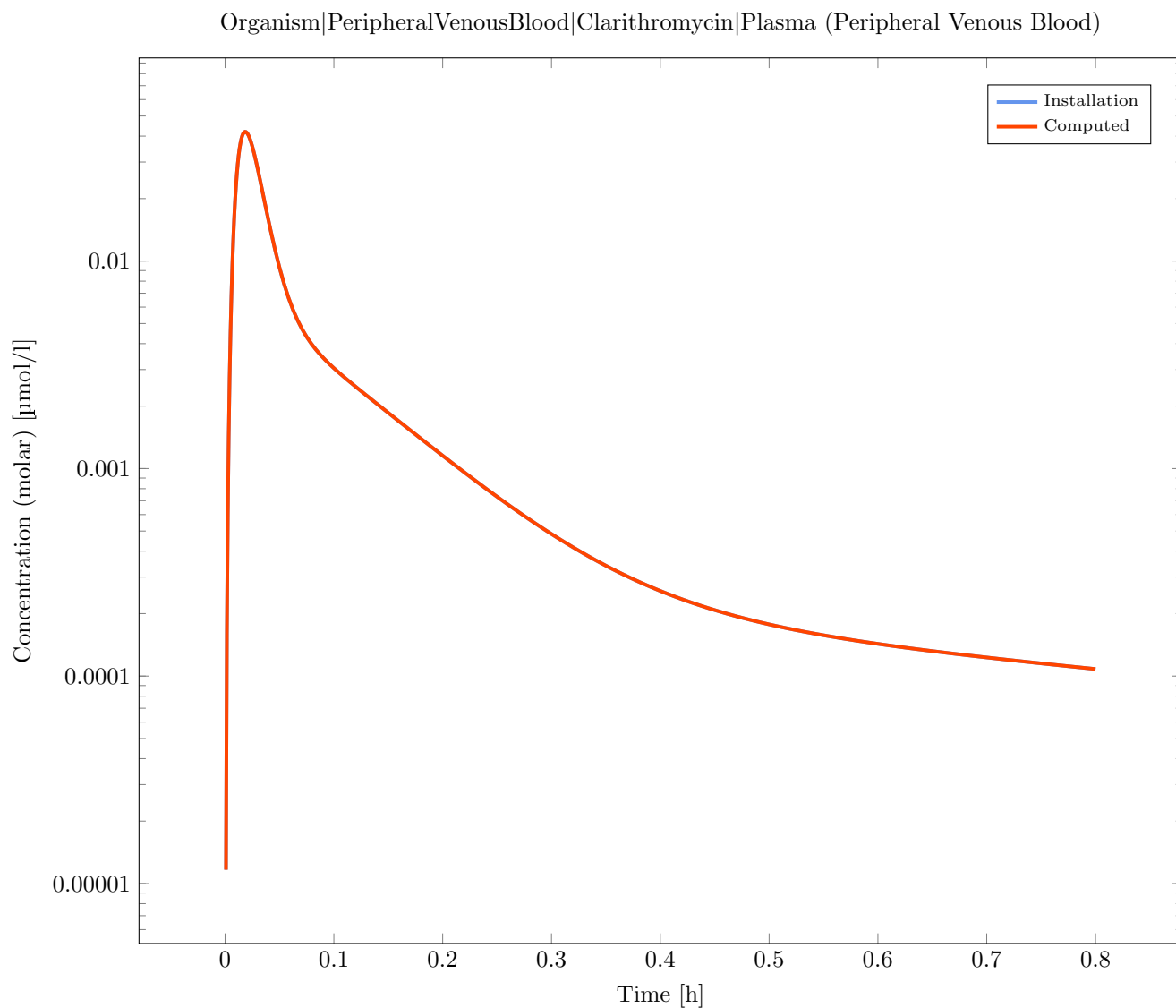Deviation: 2.15E-4

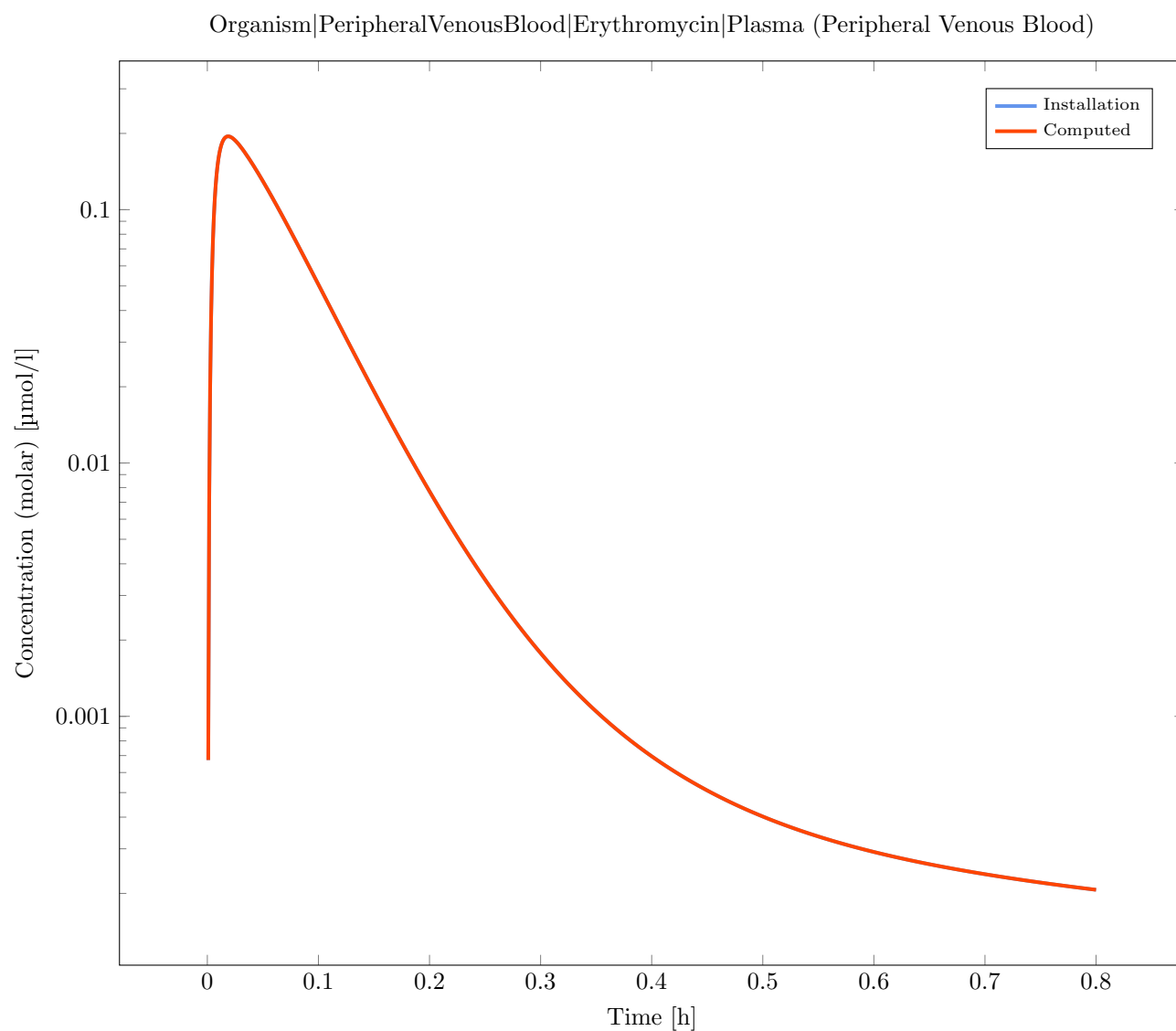Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)

Figure 1.26

Output Path: Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)
Deviation: 6.44E-4

Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)

Figure 1.27

Output Path: Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)
Deviation: 3.27E-4

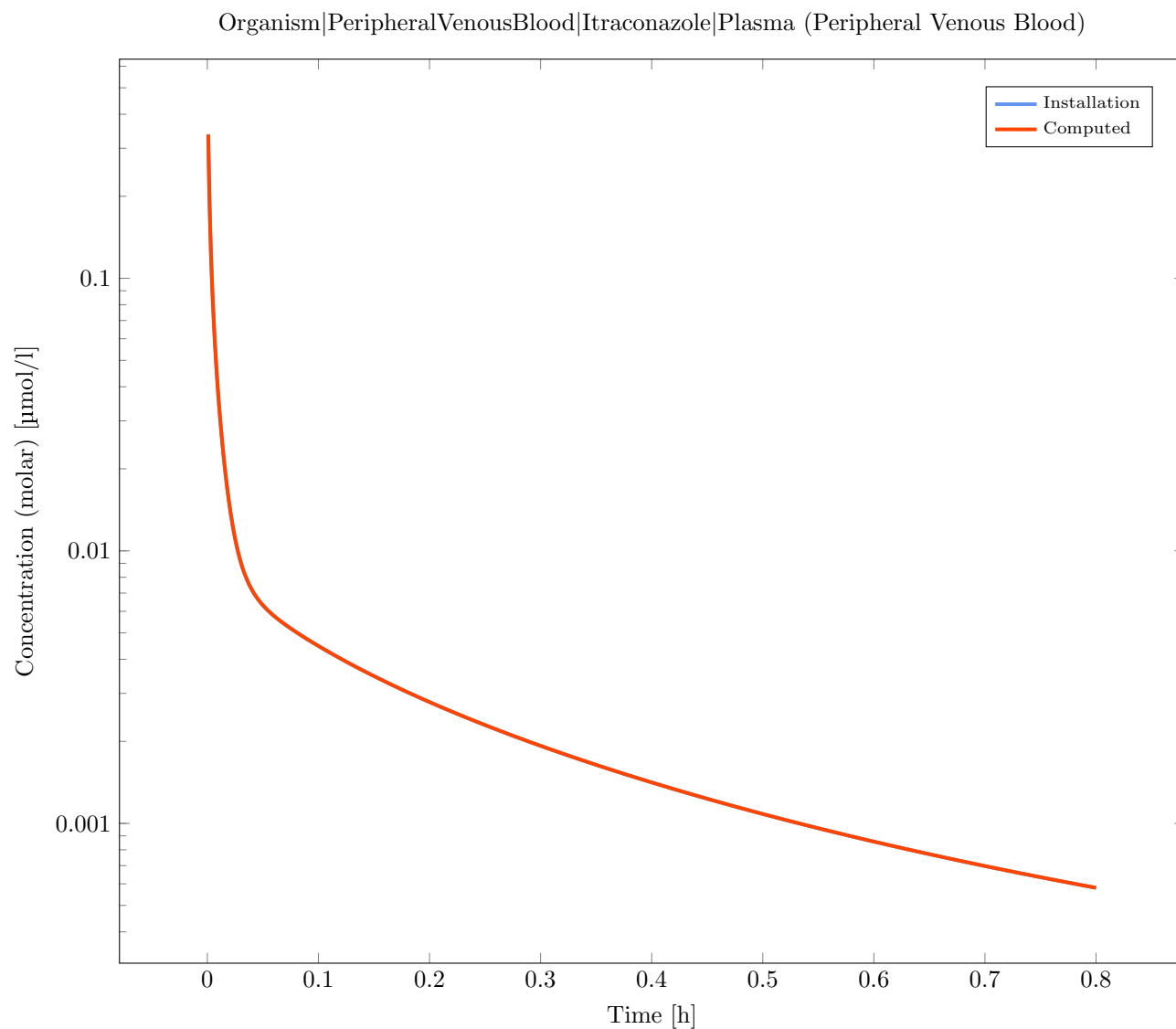Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)

Figure 1.28

Output Path: Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)
Deviation: 4.68E-4

Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)

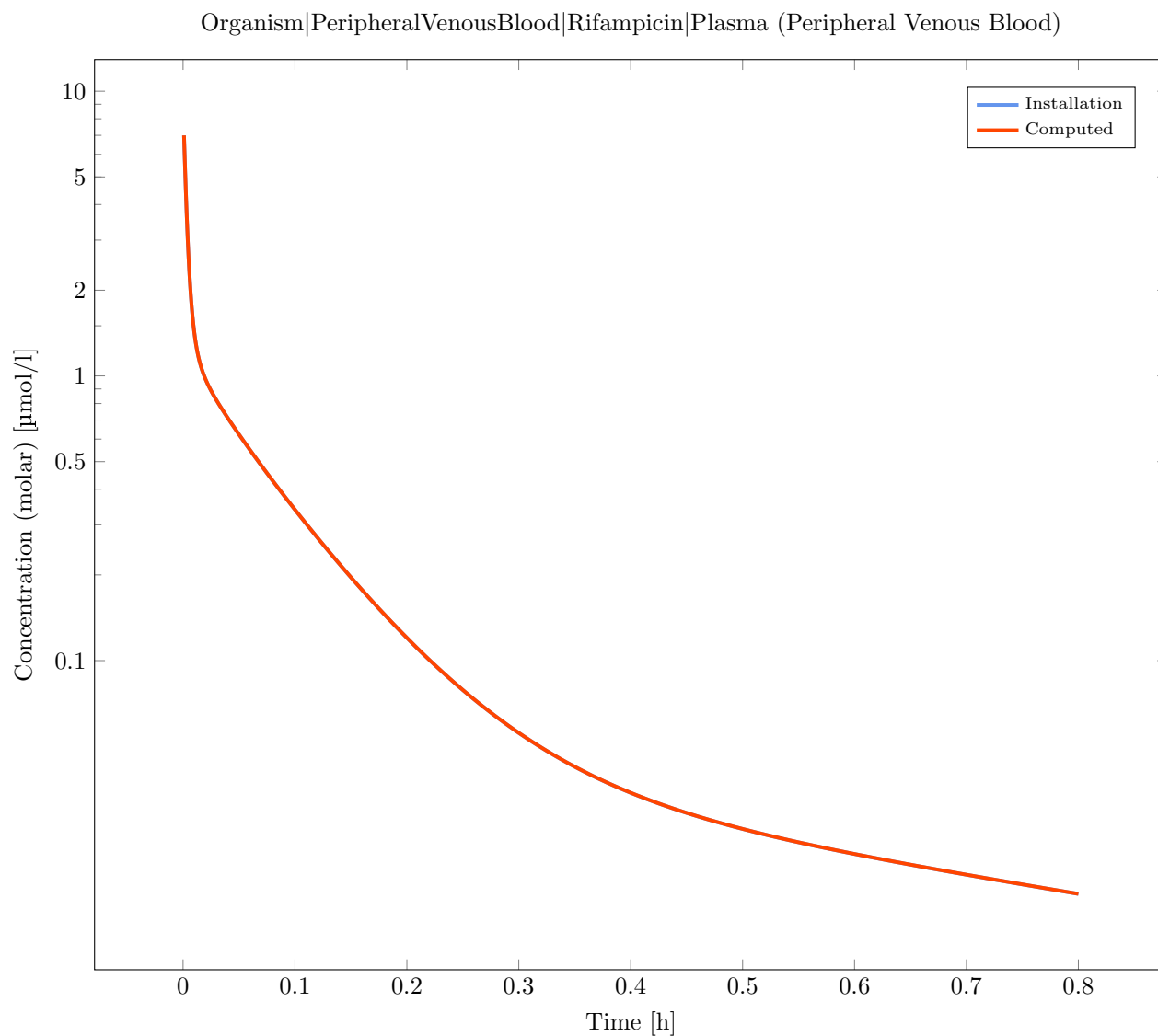**Figure 1.29**

Simulation: DDI_MultipleCombinations-08_MM_Uncompetitive_Uncompetitive_Mechanismbased_-Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
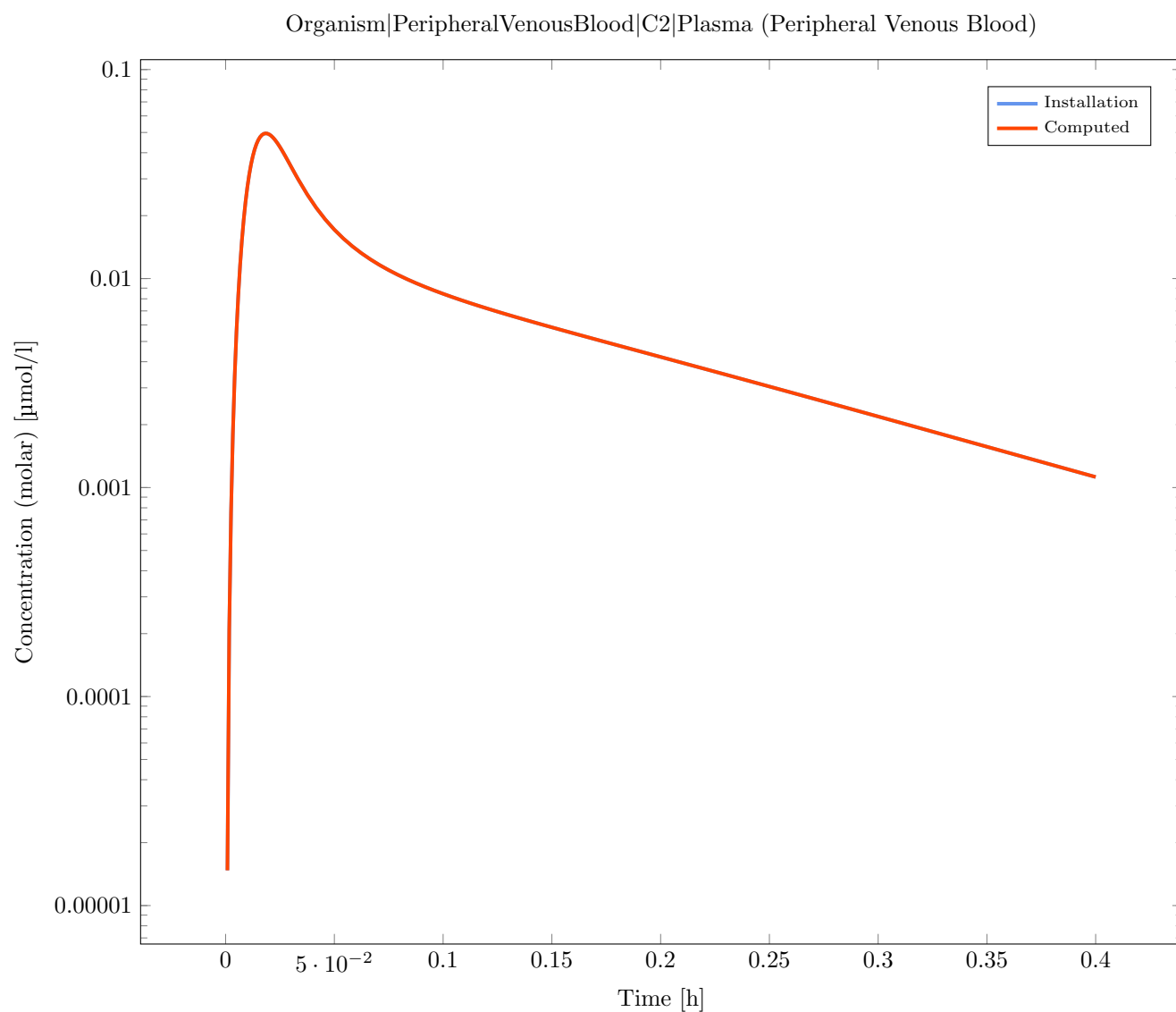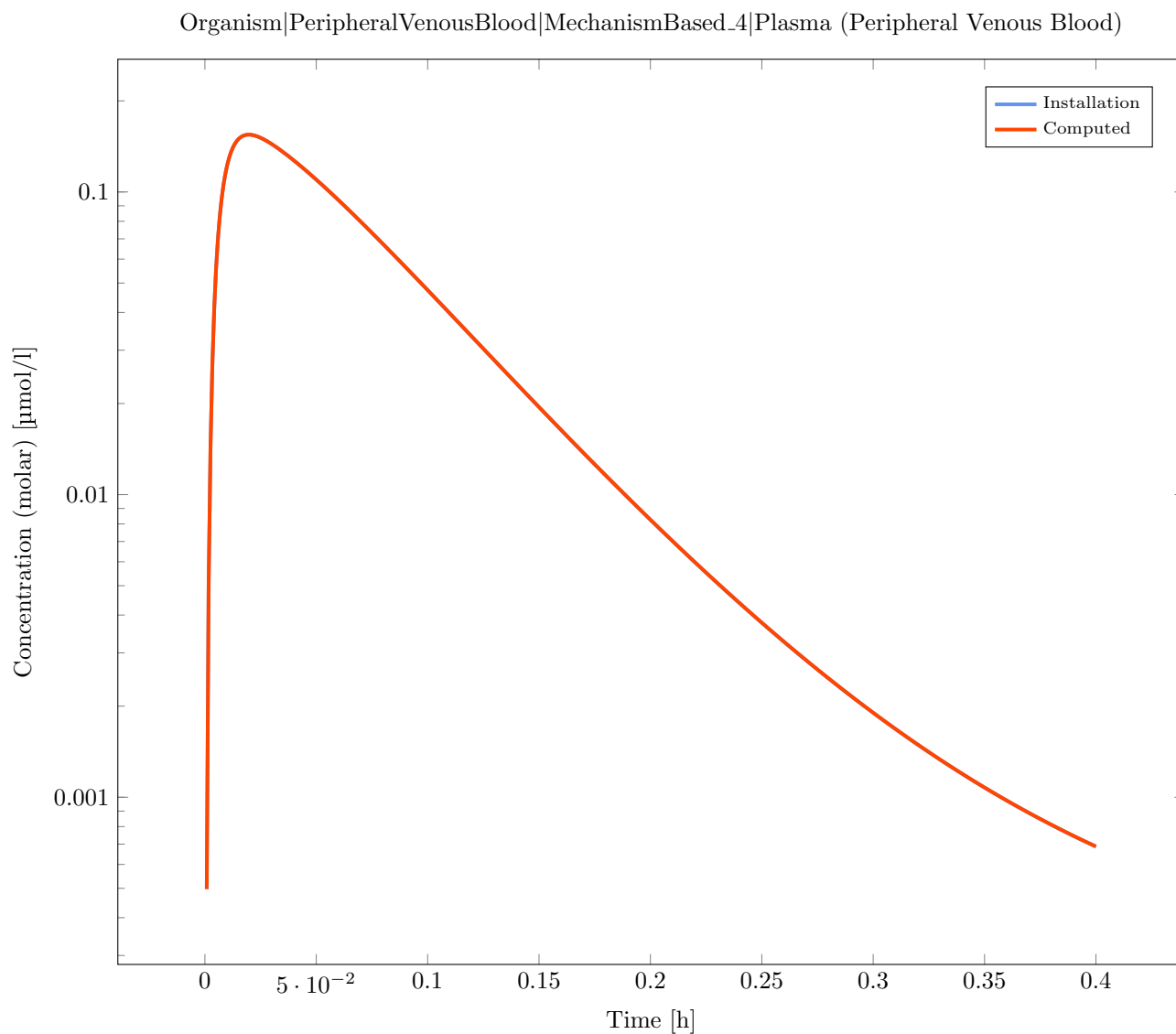Deviation: 6.00E-4

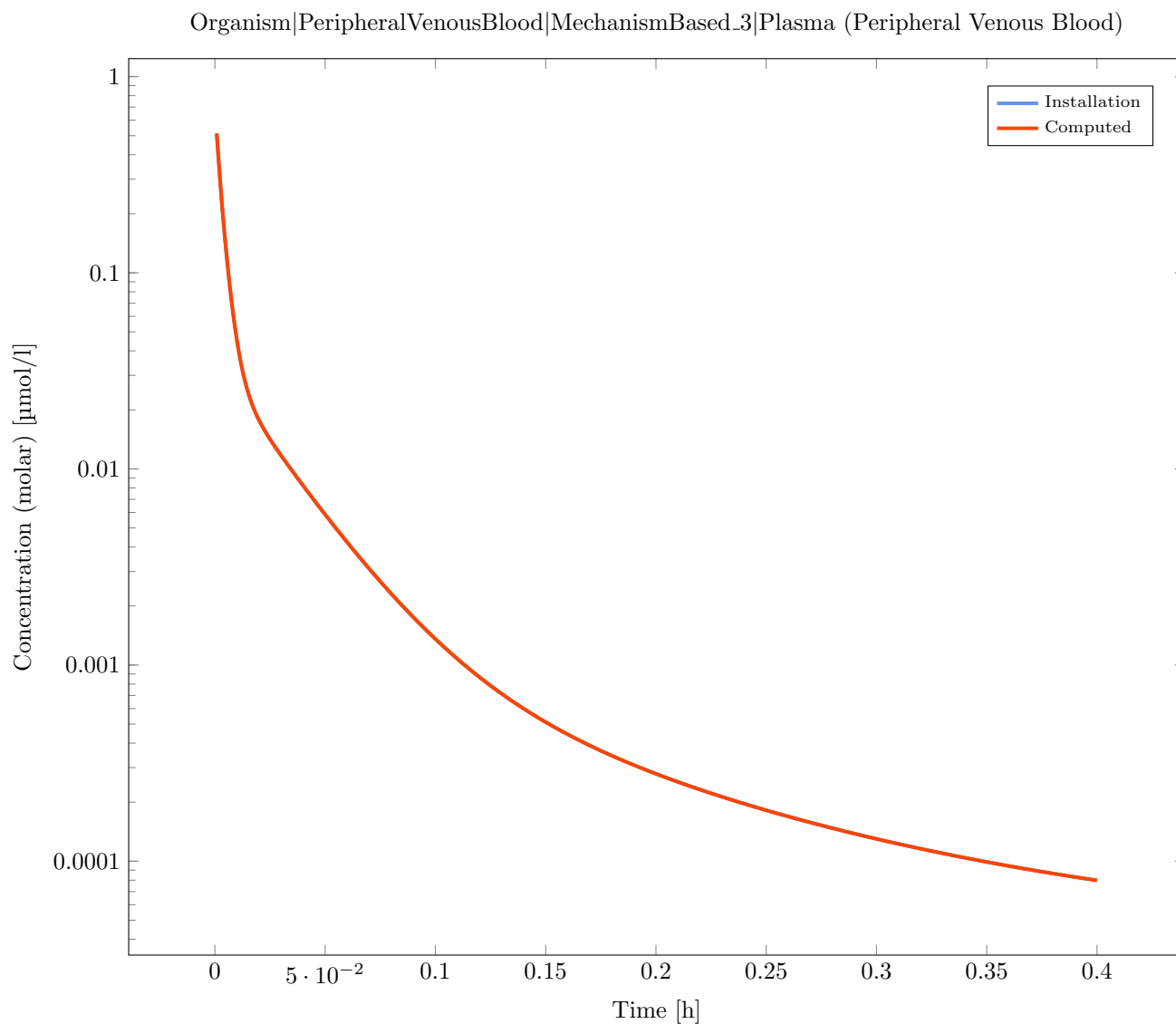Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.30

Output Path: Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)
Deviation: 6.00E-4

Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)

Figure 1.31

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 3.66E-4

Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

Figure 1.32

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_4|Plasma (Peripheral Venous Blood)
Deviation: 5.77E-5

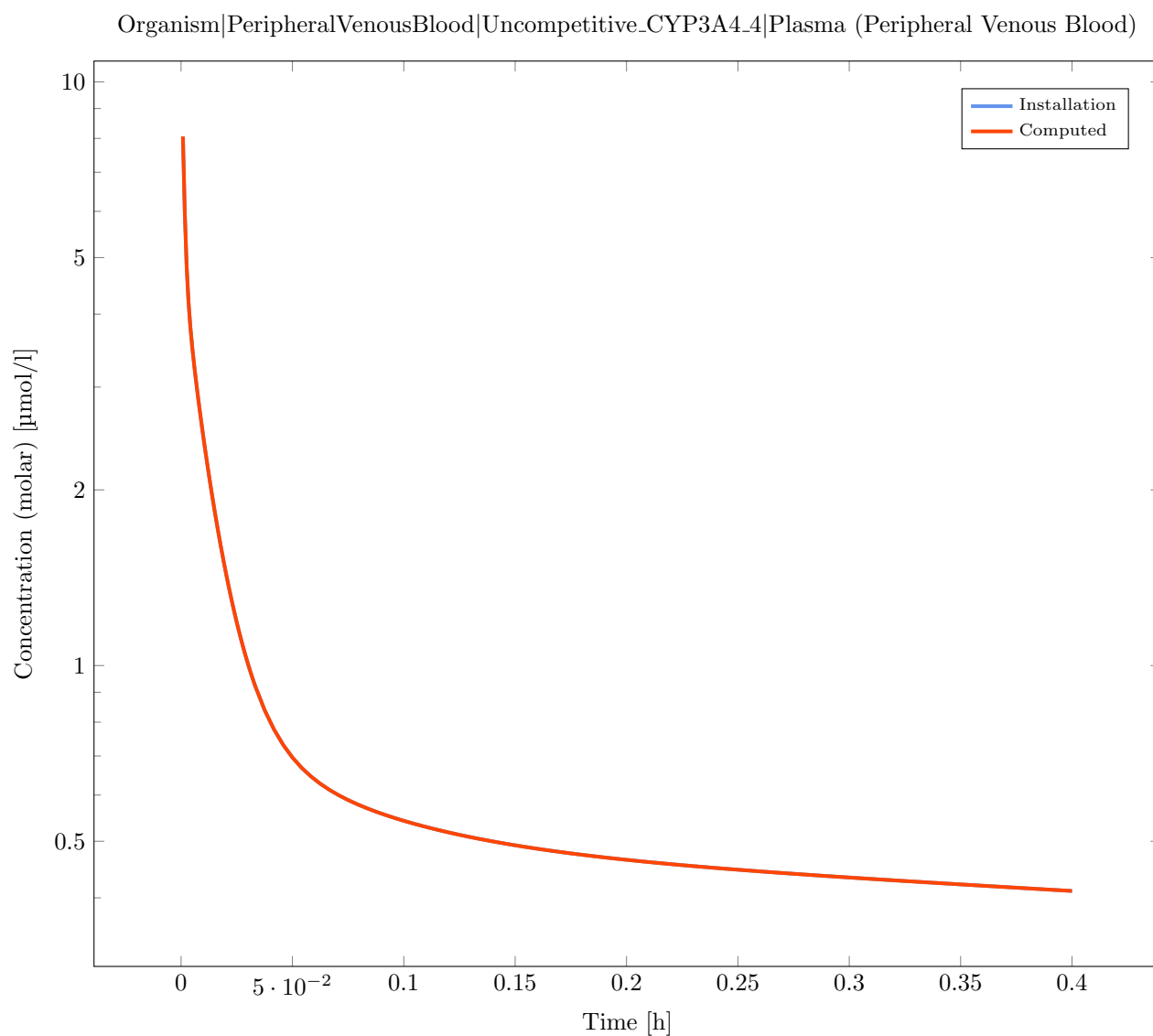Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_4|Plasma (Peripheral Venous Blood)

Figure 1.33

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)
Deviation: 1.05E-4

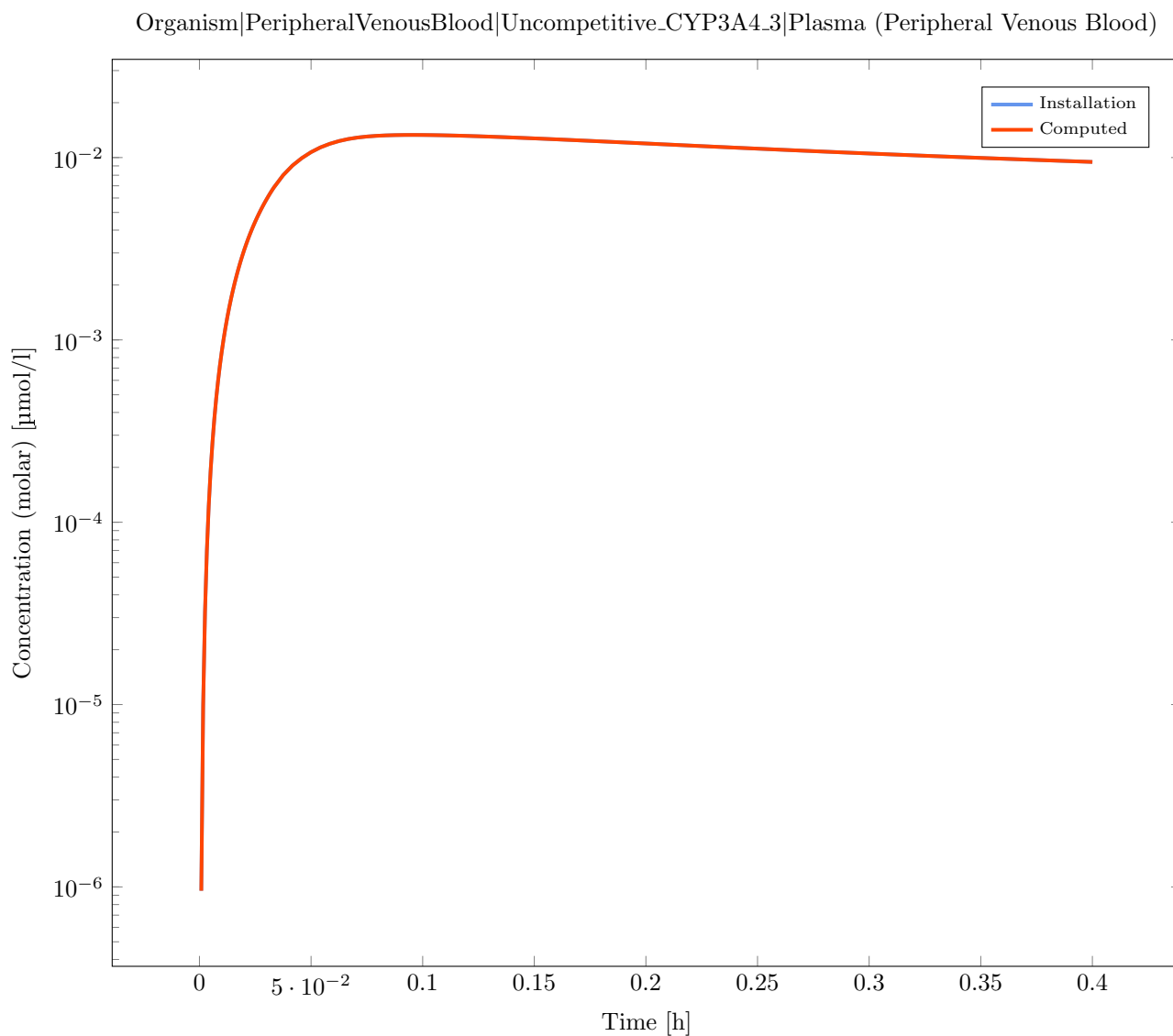Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)

Figure 1.34

Simulation: DDI_MultipleCombinations-09_MM_Noncompetitive_Noncompetitive_Mechanismbased_-Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
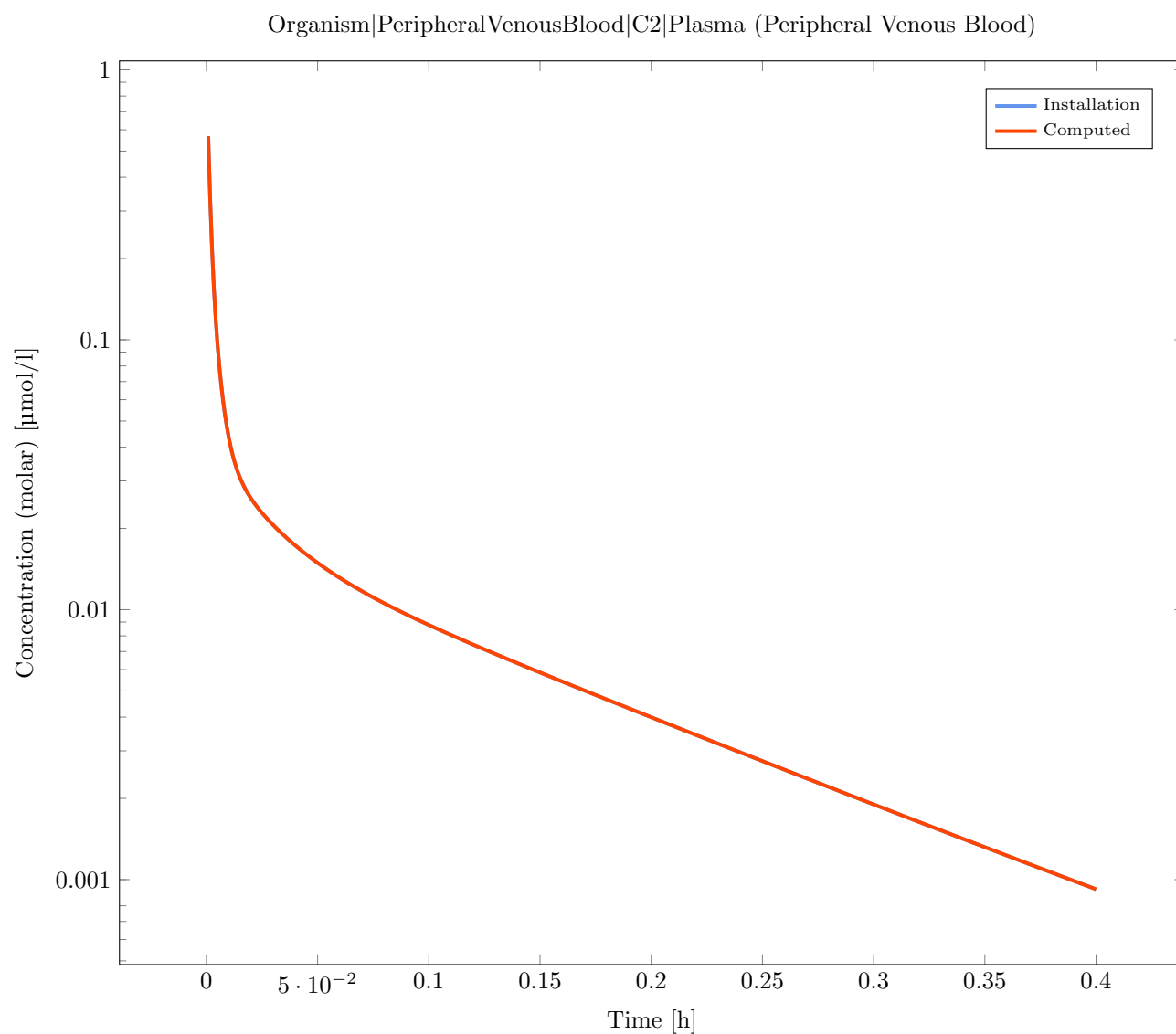Deviation: 3.07E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.35

Output Path: Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)
Deviation: 2.42E-4

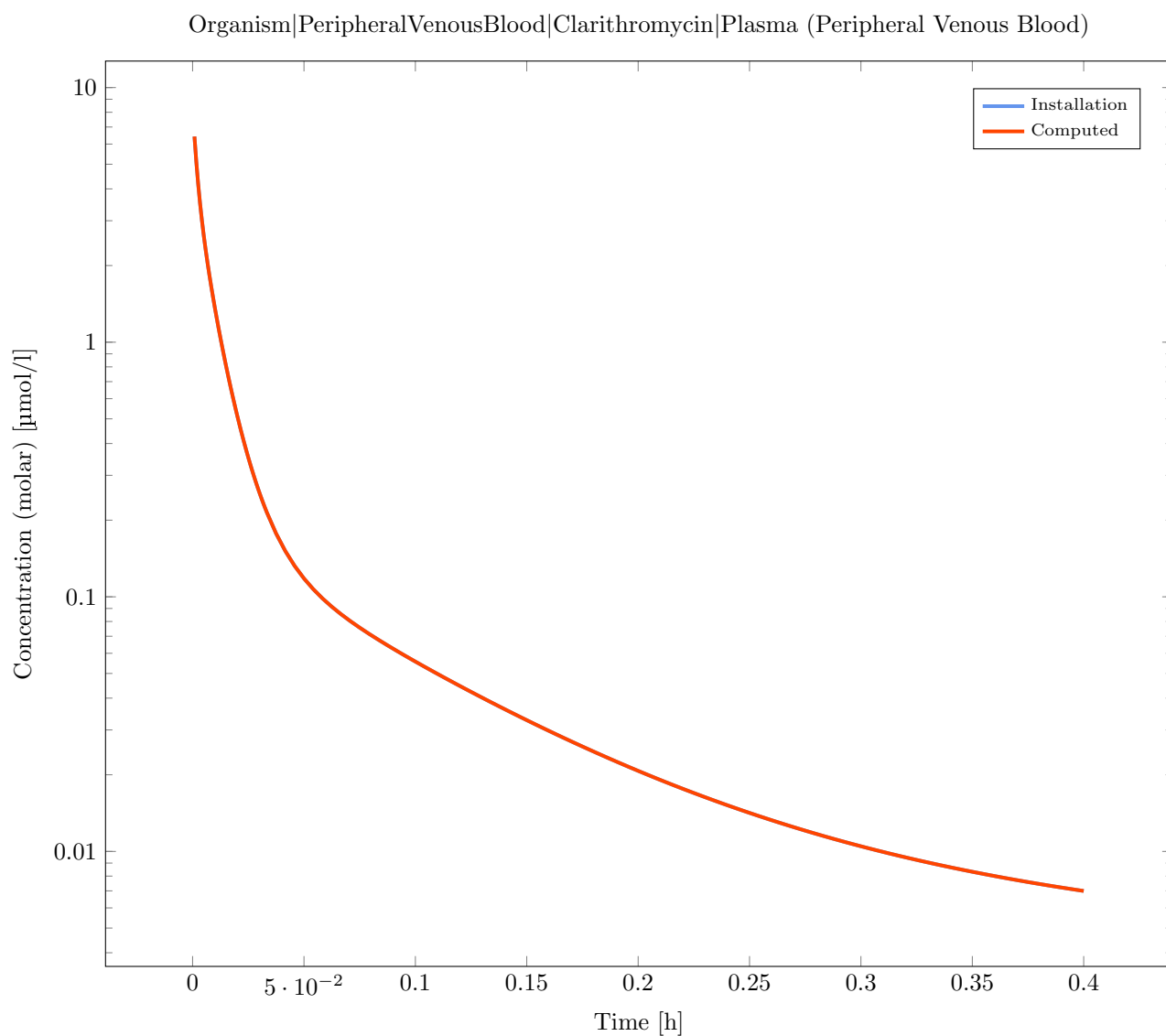Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)

Figure 1.36

Output Path: Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)
Deviation: 5.50E-4

Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)

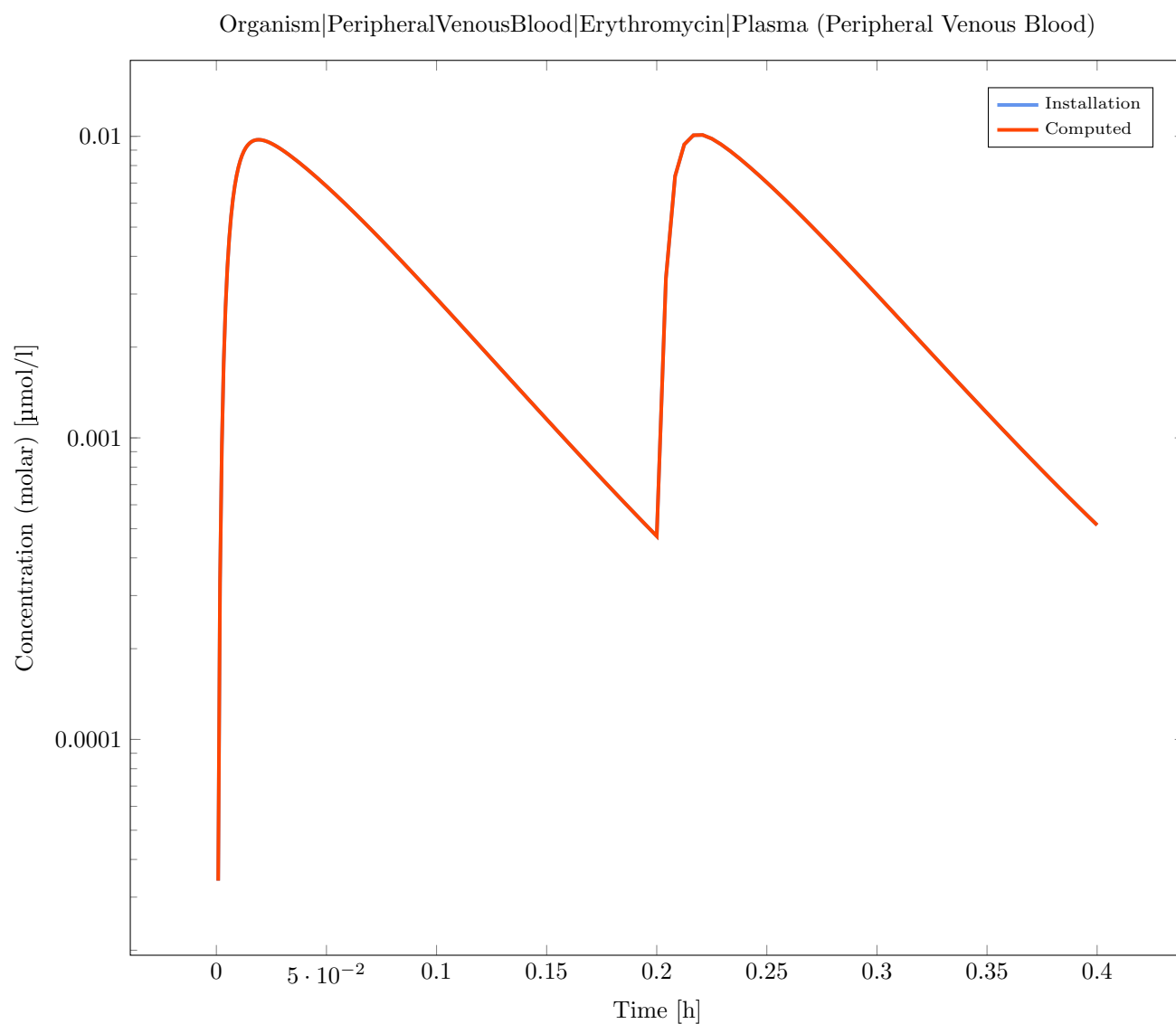**Figure 1.37**

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
Deviation: 3.16E-4

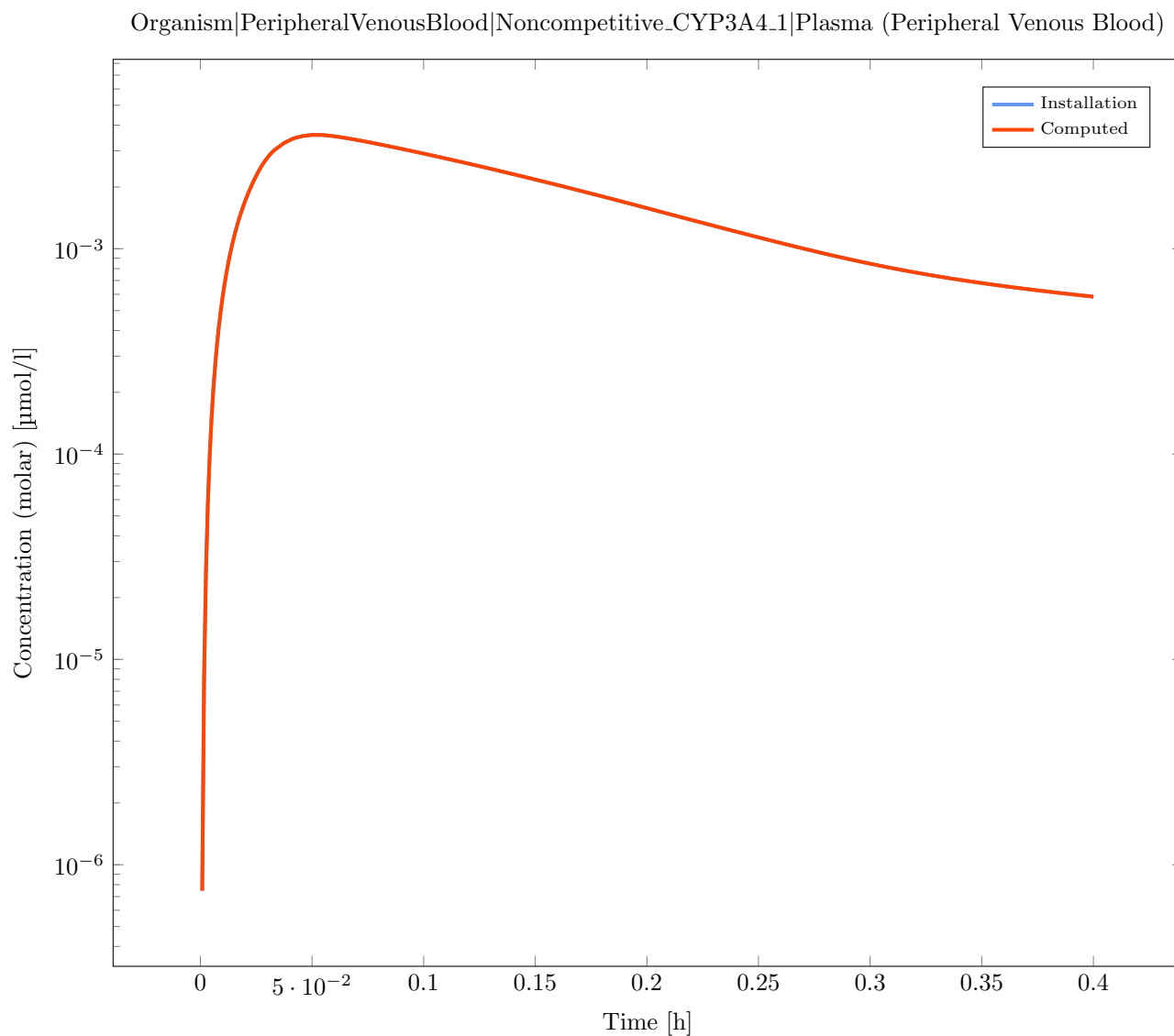Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.38

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)
Deviation: 3.33E-4

Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)
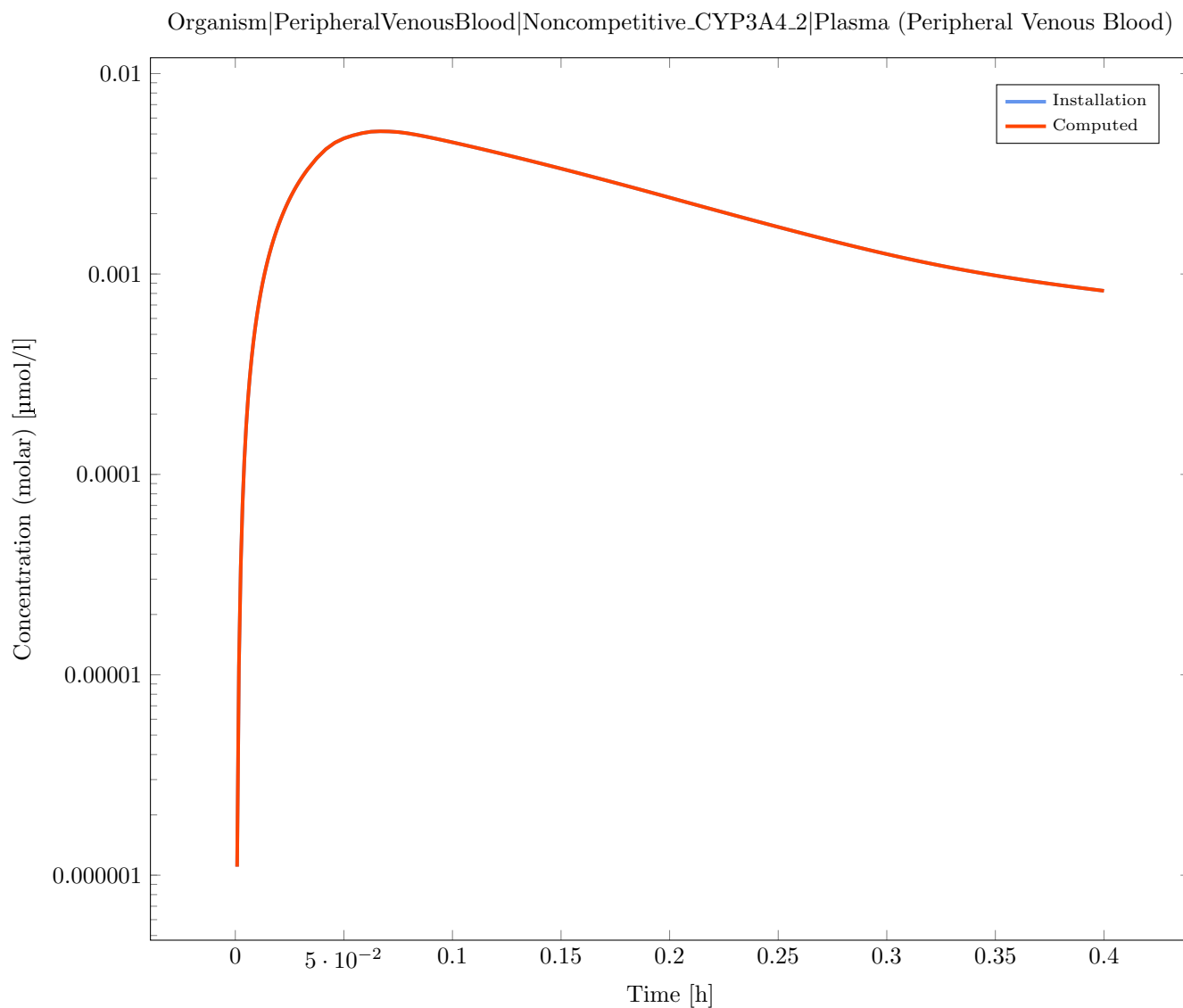

Figure 1.39

Simulation: DDI_MultipleCombinations-10_MM_Mixed_Mixed_Mechanismbased_Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
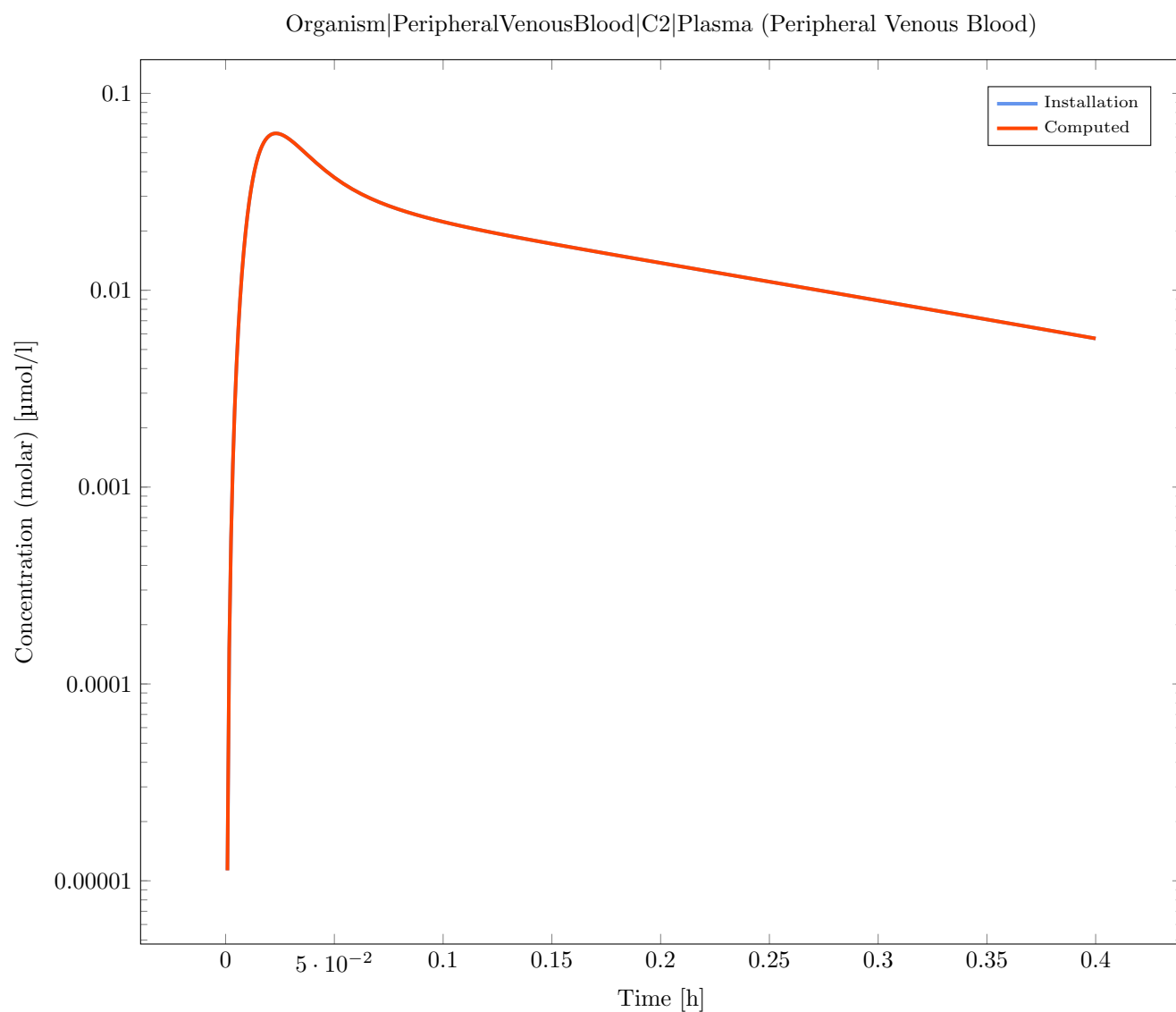Deviation: 4.93E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.40

Output Path: Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)
Deviation: 5.67E-4

Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)

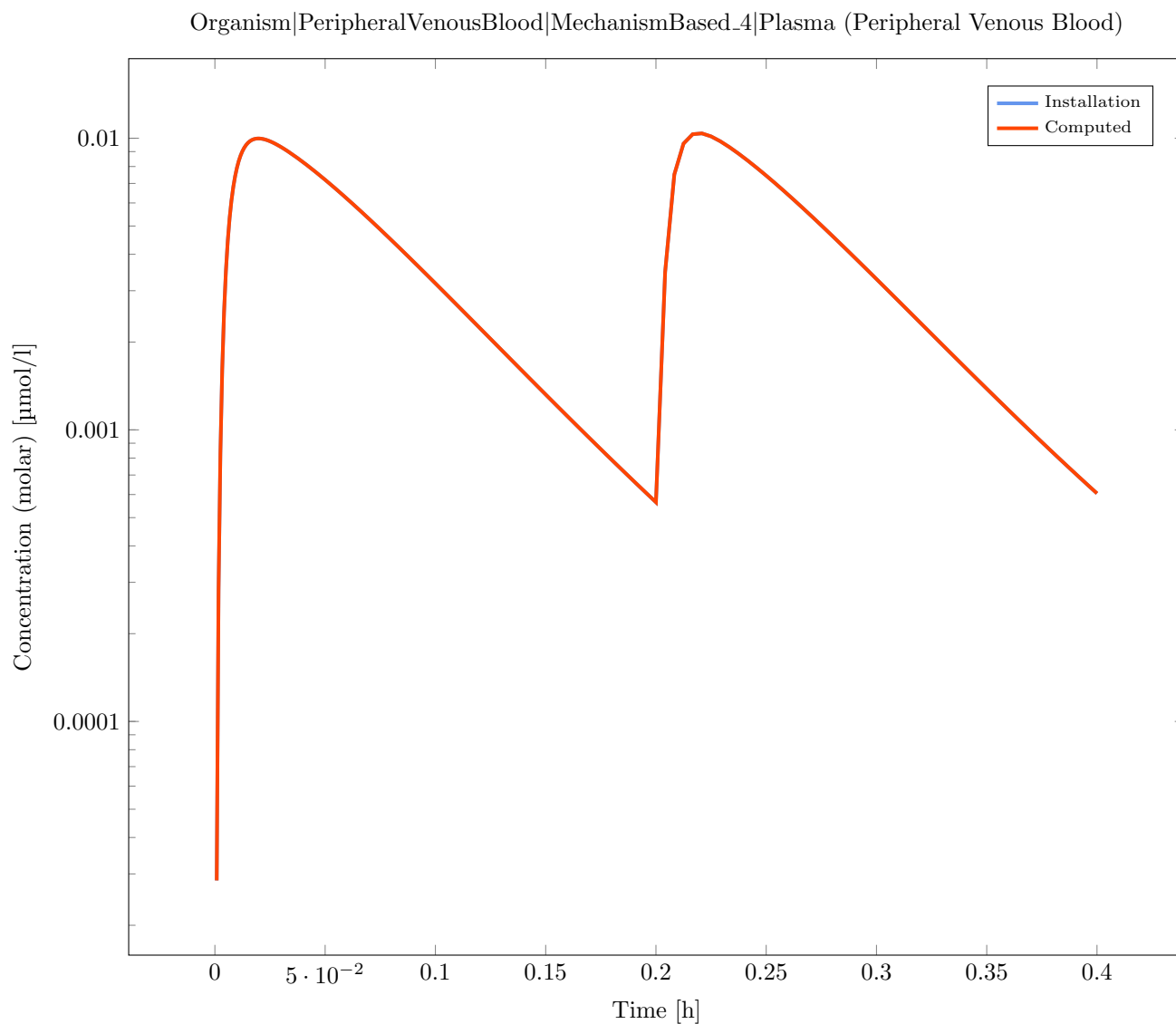**Figure 1.41**

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 5.92E-4

Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

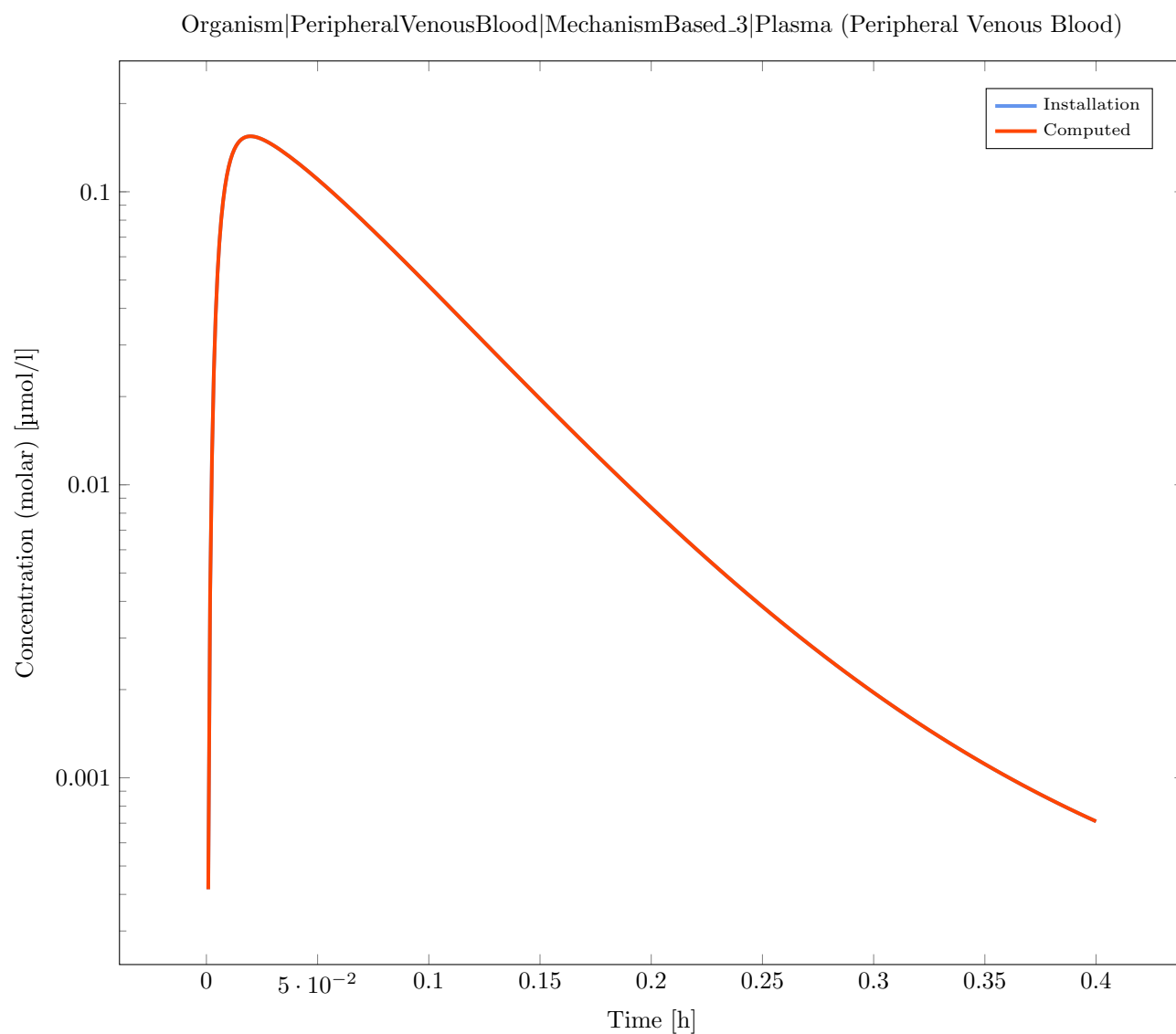**Figure 1.42**

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_4|Plasma (Peripheral Venous Blood)
Deviation: 1.01E-4

Organism|PeripheralVenousBlood|Mixed_CYP3A4_4|Plasma (Peripheral Venous Blood)

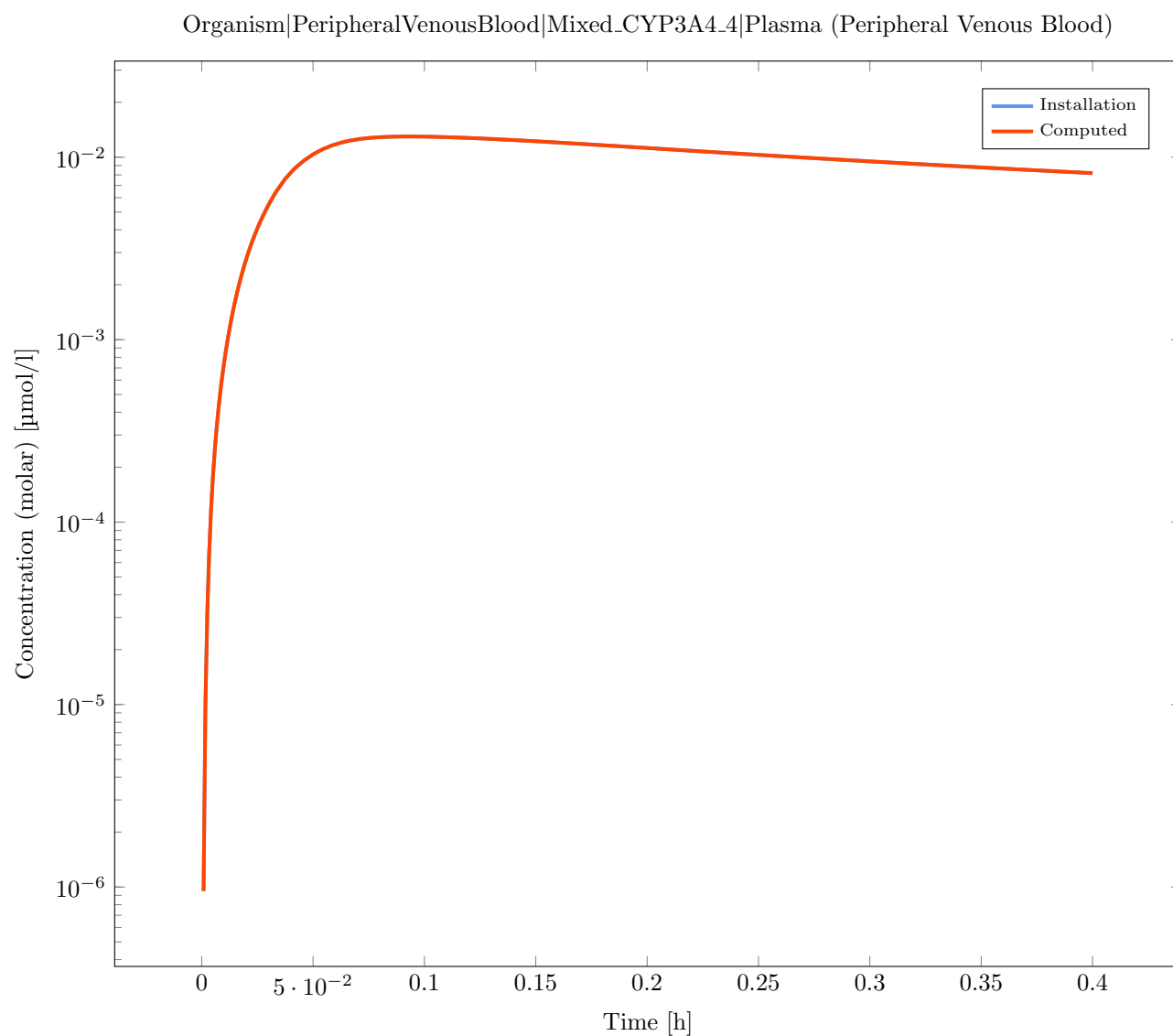**Figure 1.43**

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)
Deviation: 1.61E-4

Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)
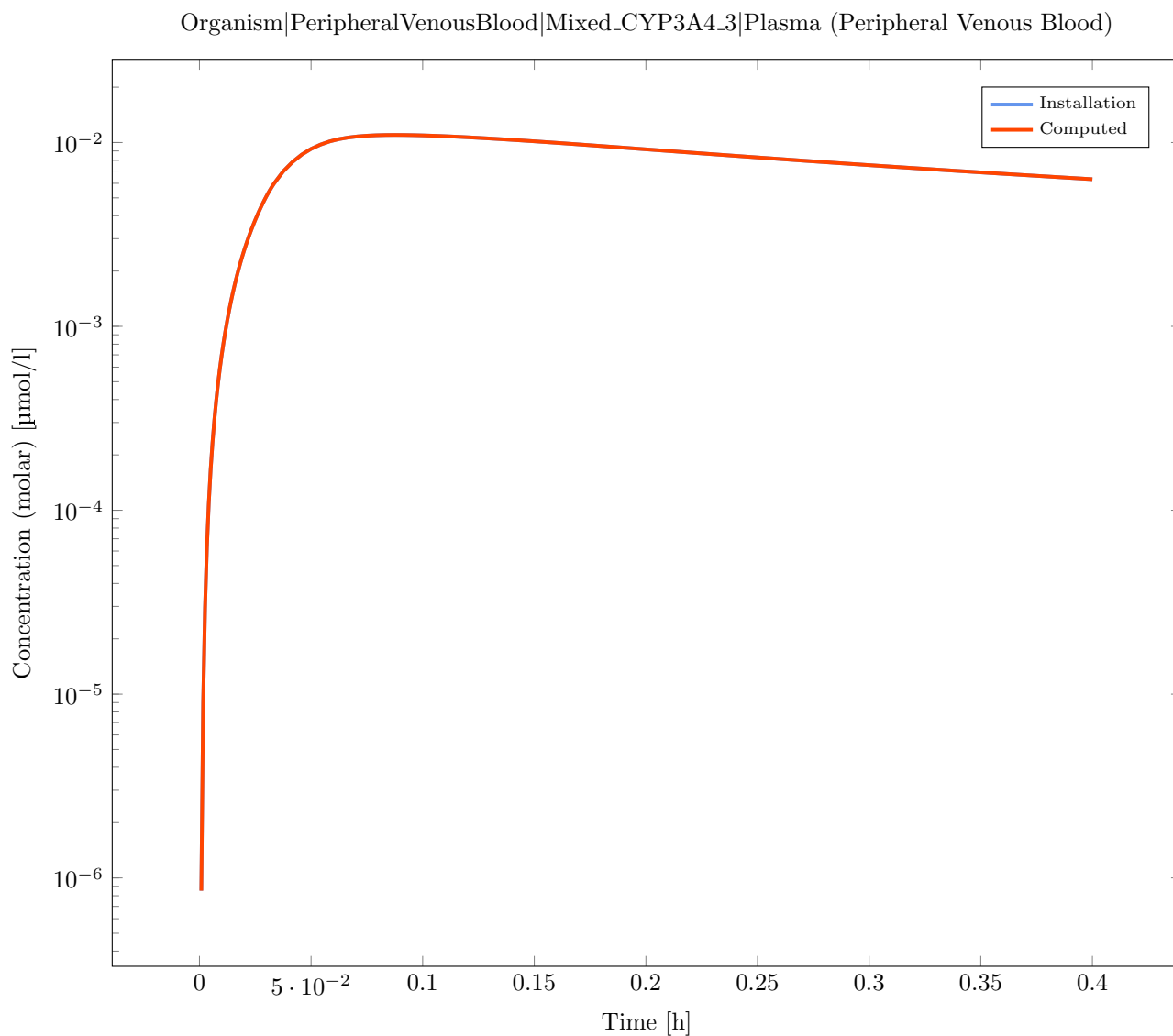

Figure 1.44

Simulation: DDI_MultipleCombinations-11_MM_Mechanismbased_Mechanismbased_Induction_-Induction

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
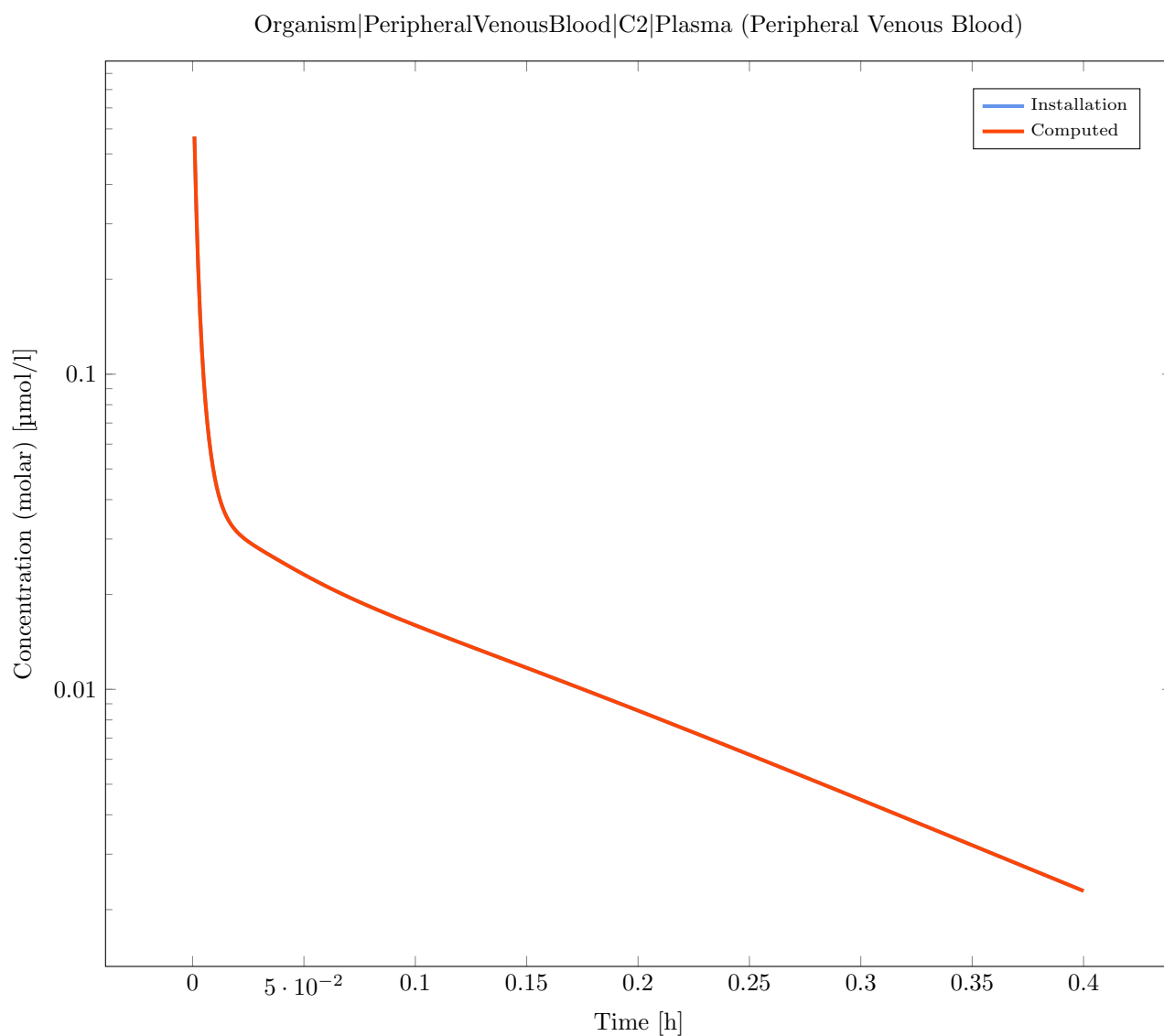
Deviation: 5.05E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.45

Output Path: Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)
Deviation: 1.73E-4

Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)

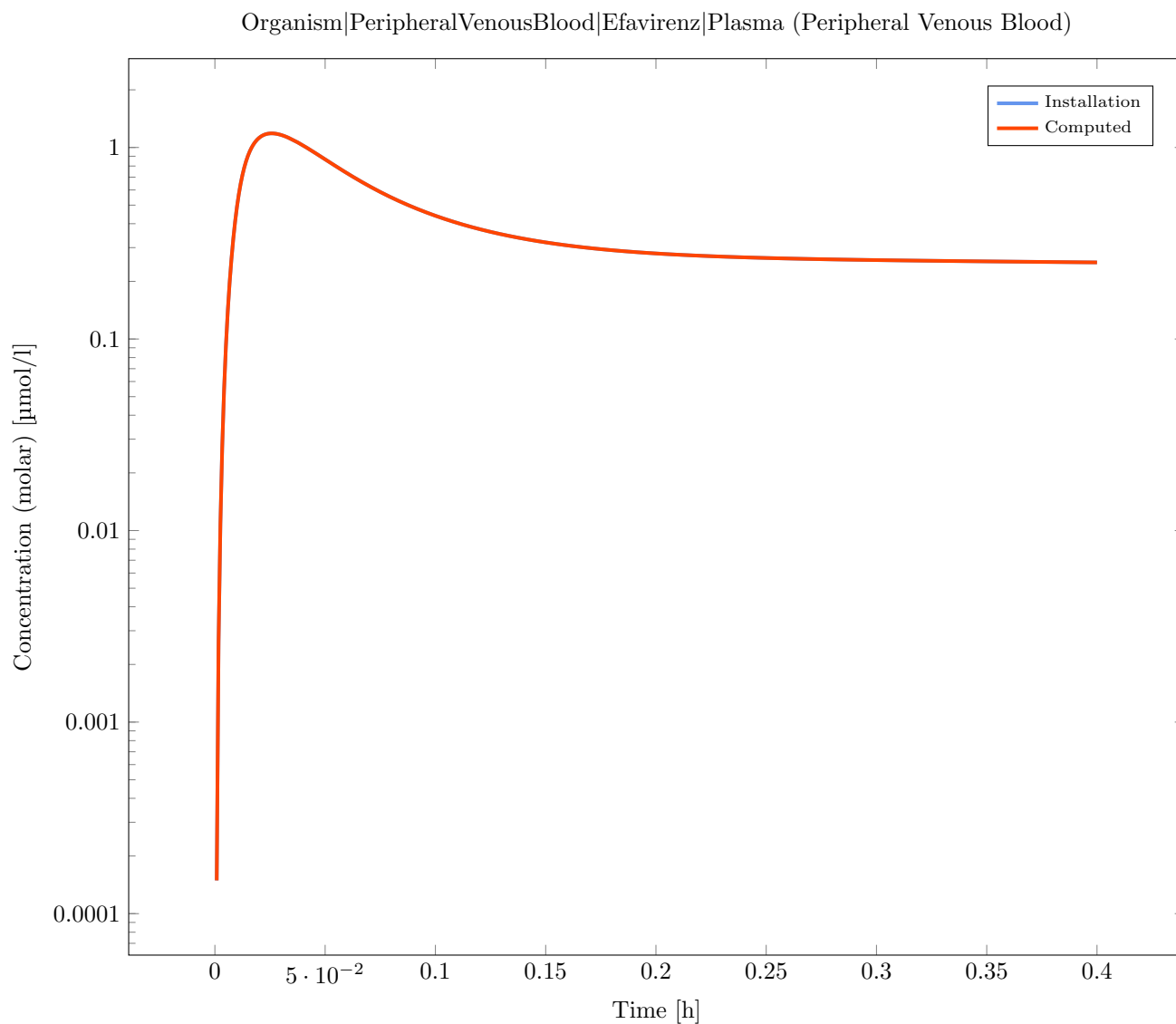**Figure 1.46**

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 5.98E-4

Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

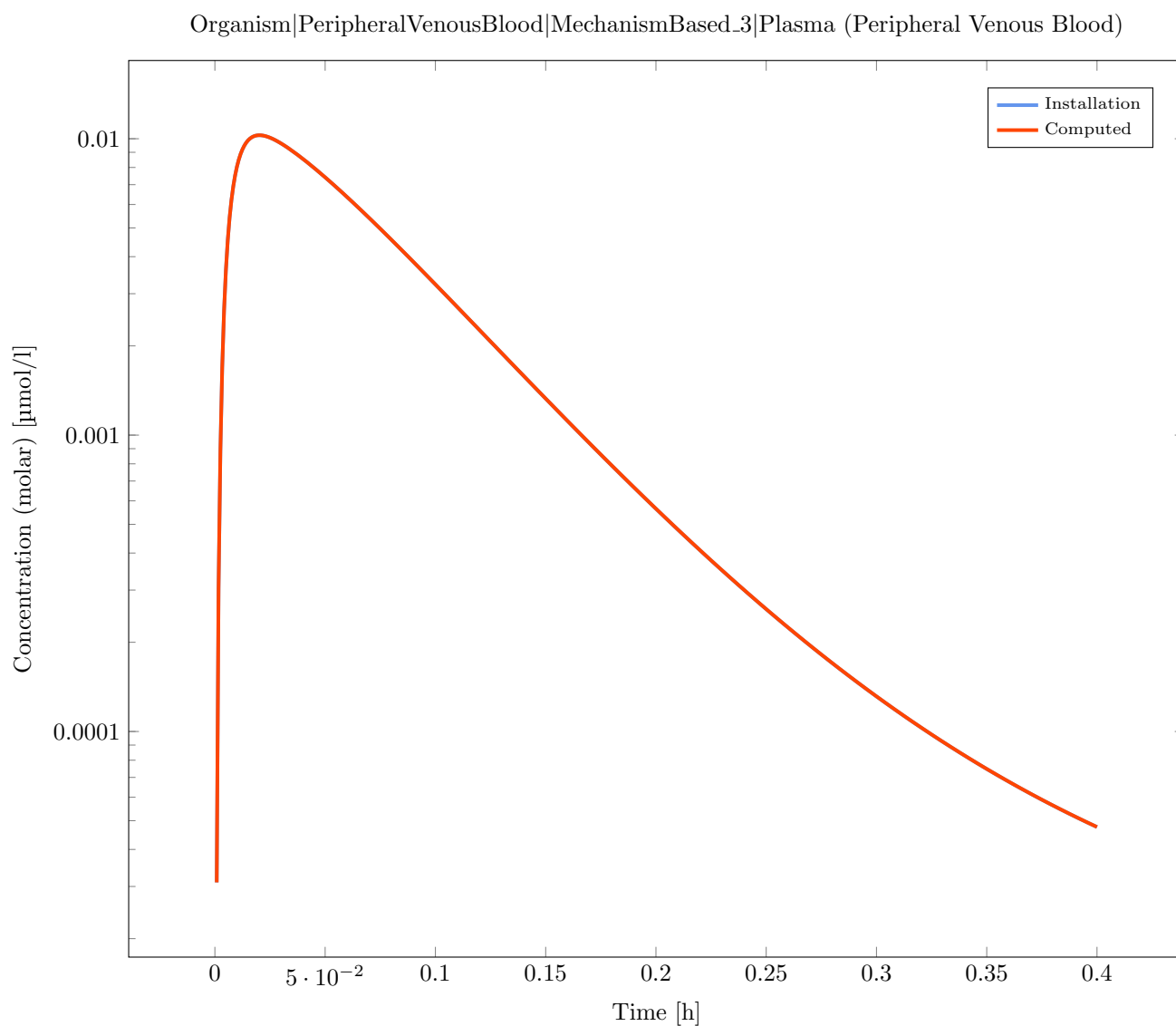**Figure 1.47**

Output Path: Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)
Deviation: 6.00E-4

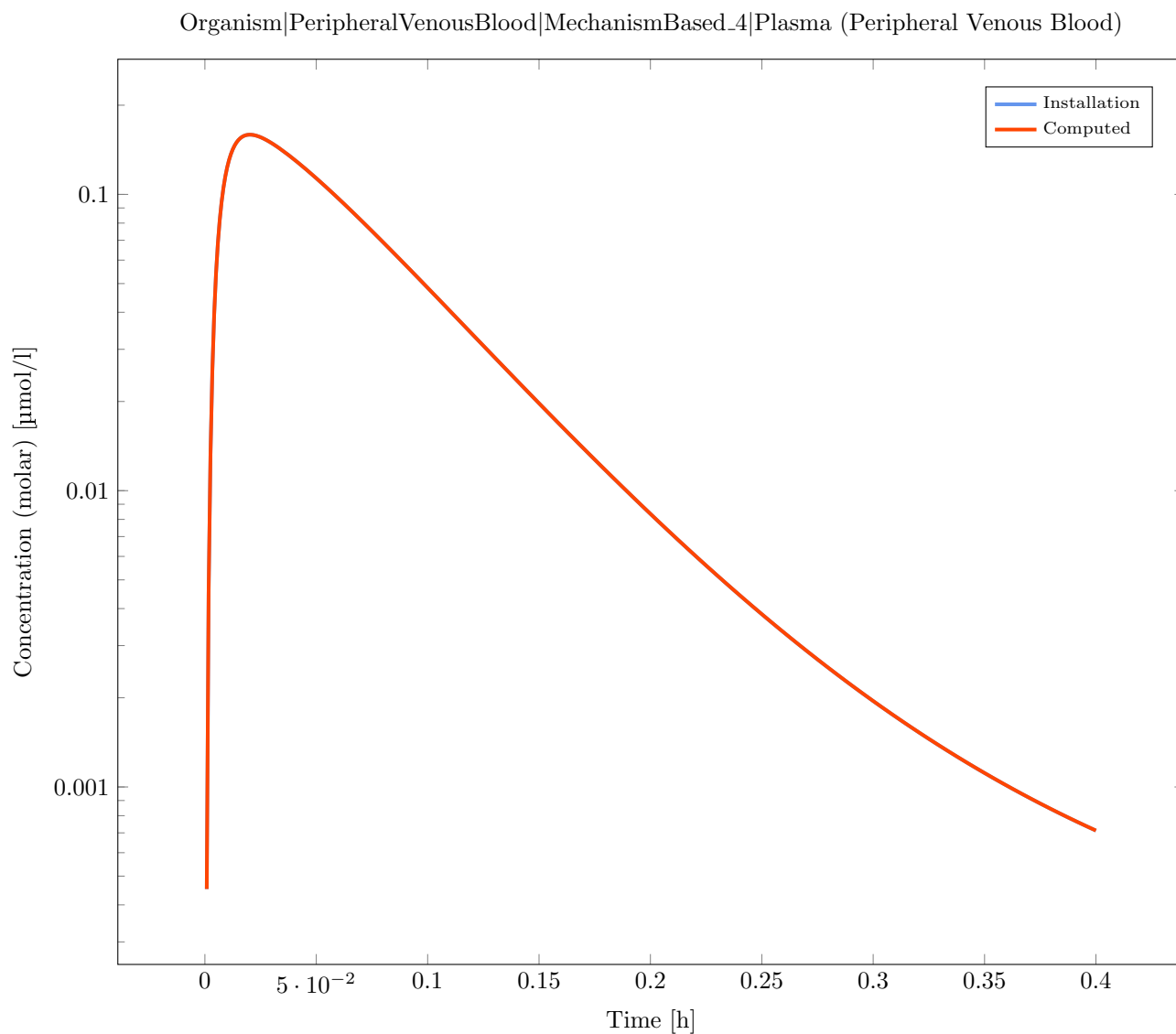Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)

Figure 1.48

Output Path: Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)
Deviation: 4.51E-4

Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)

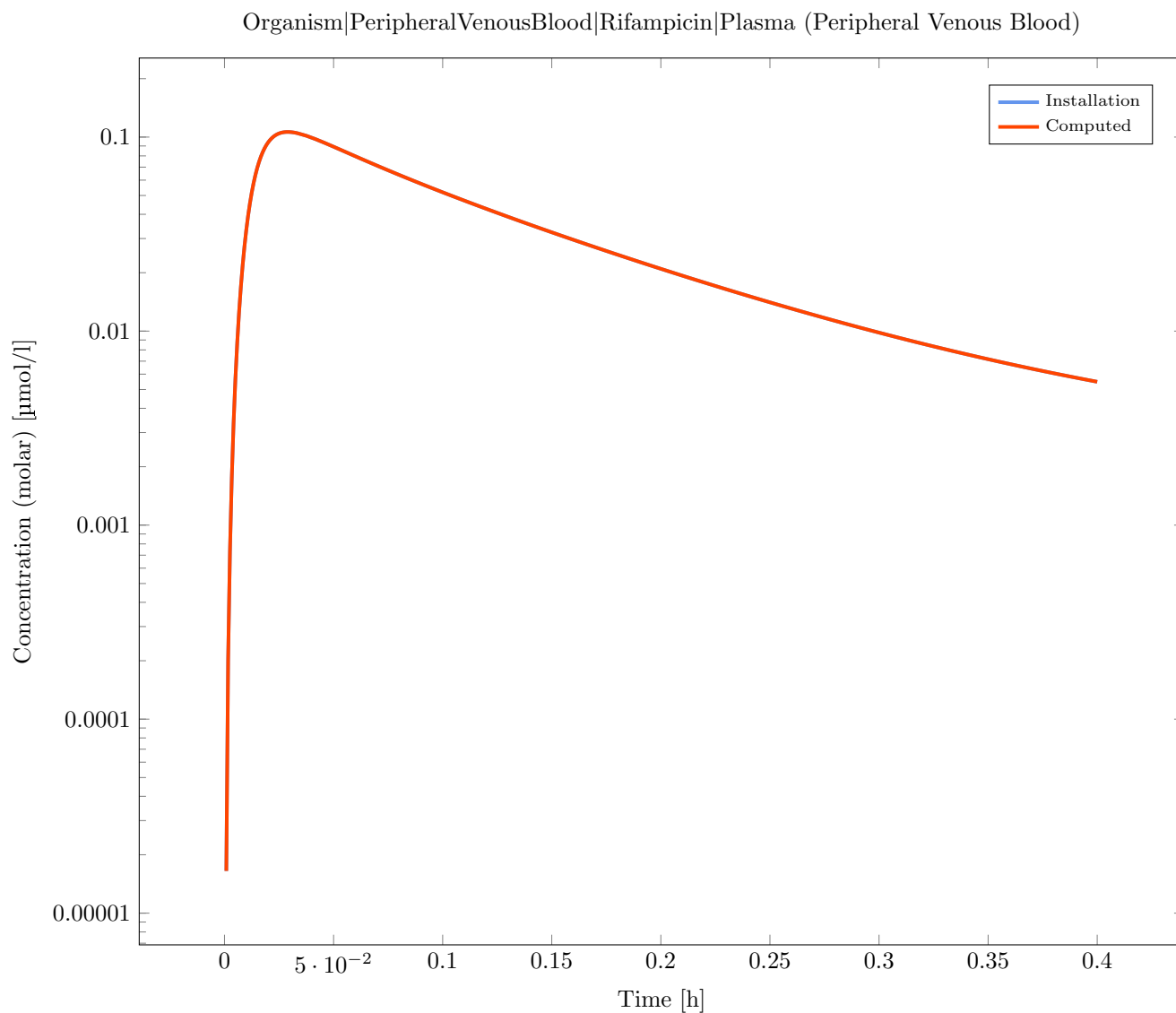**Figure 1.49**

Simulation: DDI_MultipleCombinations-12_MM_All_DDI_Types
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
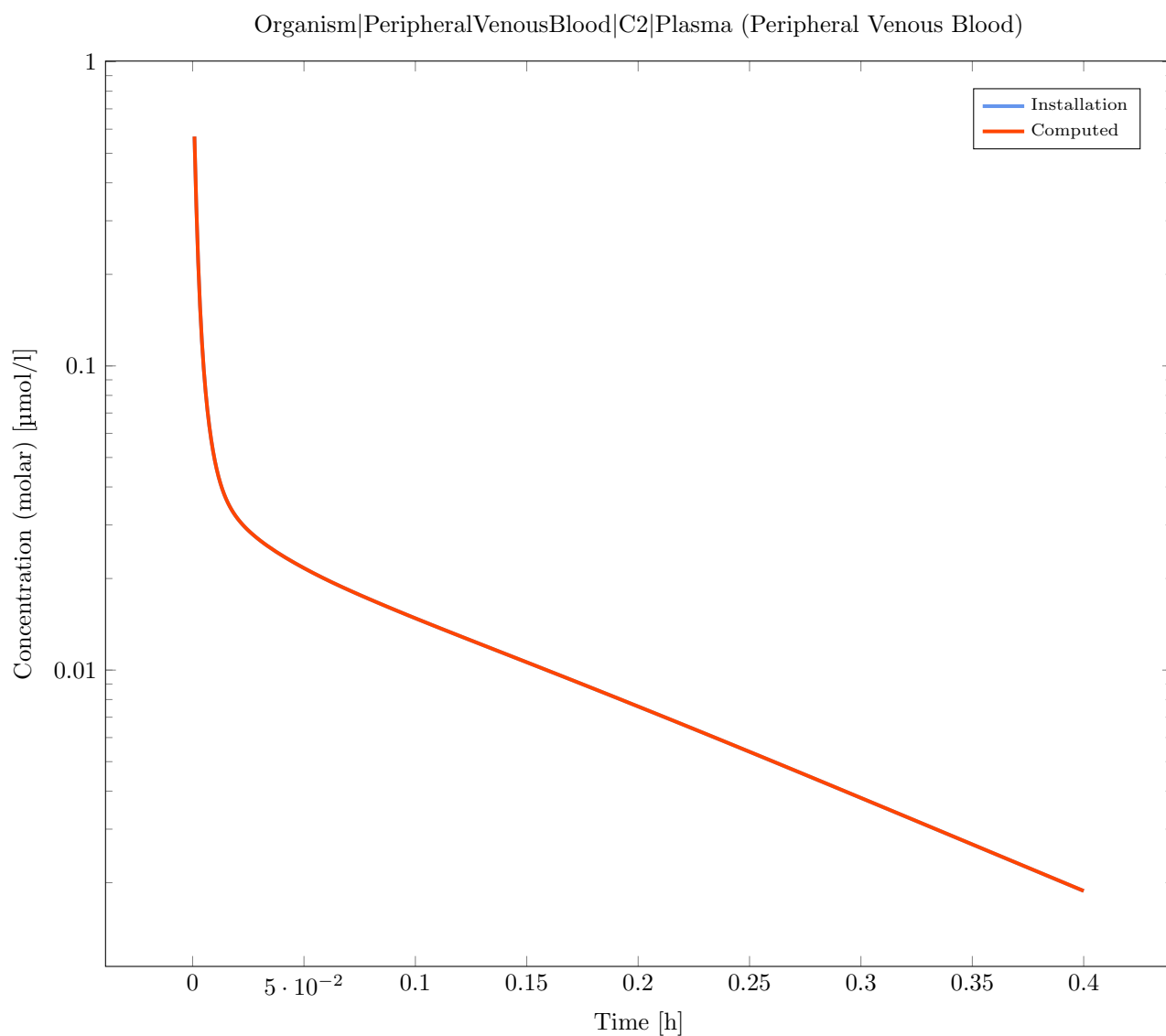Deviation: 5.68E-4

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.50

Output Path: Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)
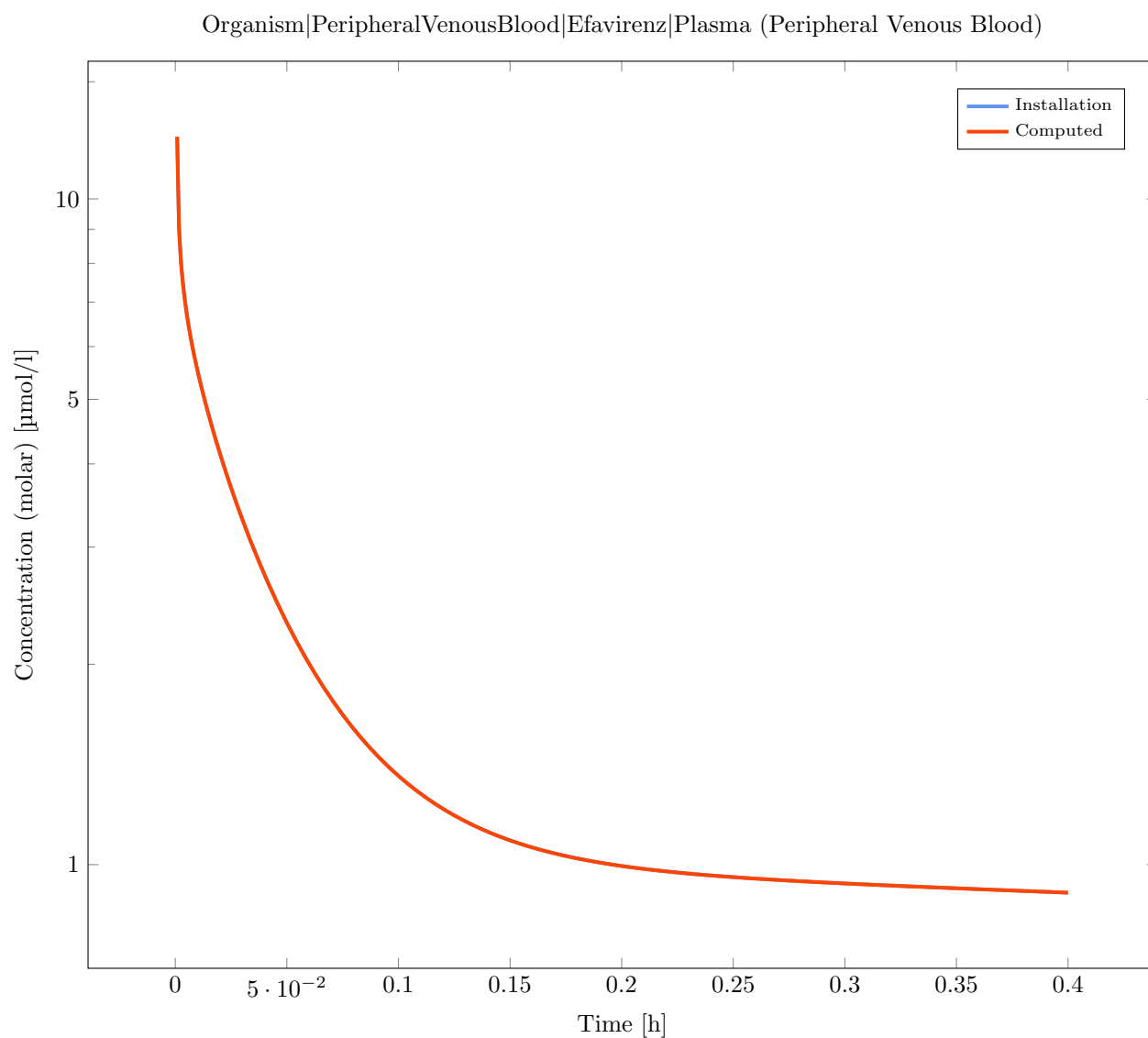Deviation: 1.92E-4

Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)

Figure 1.51

Output Path: Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)
Deviation: 3.12E-4

Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)

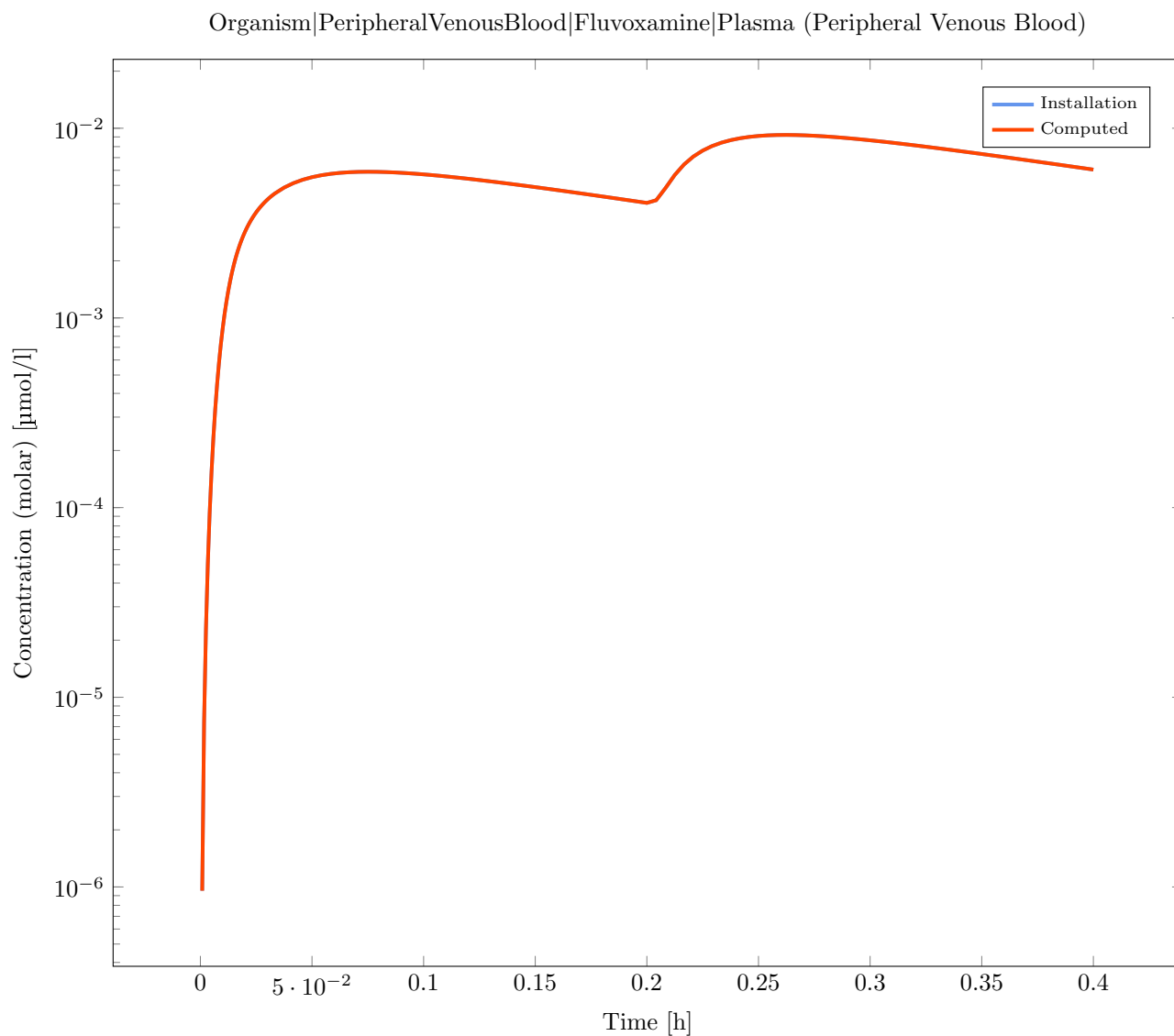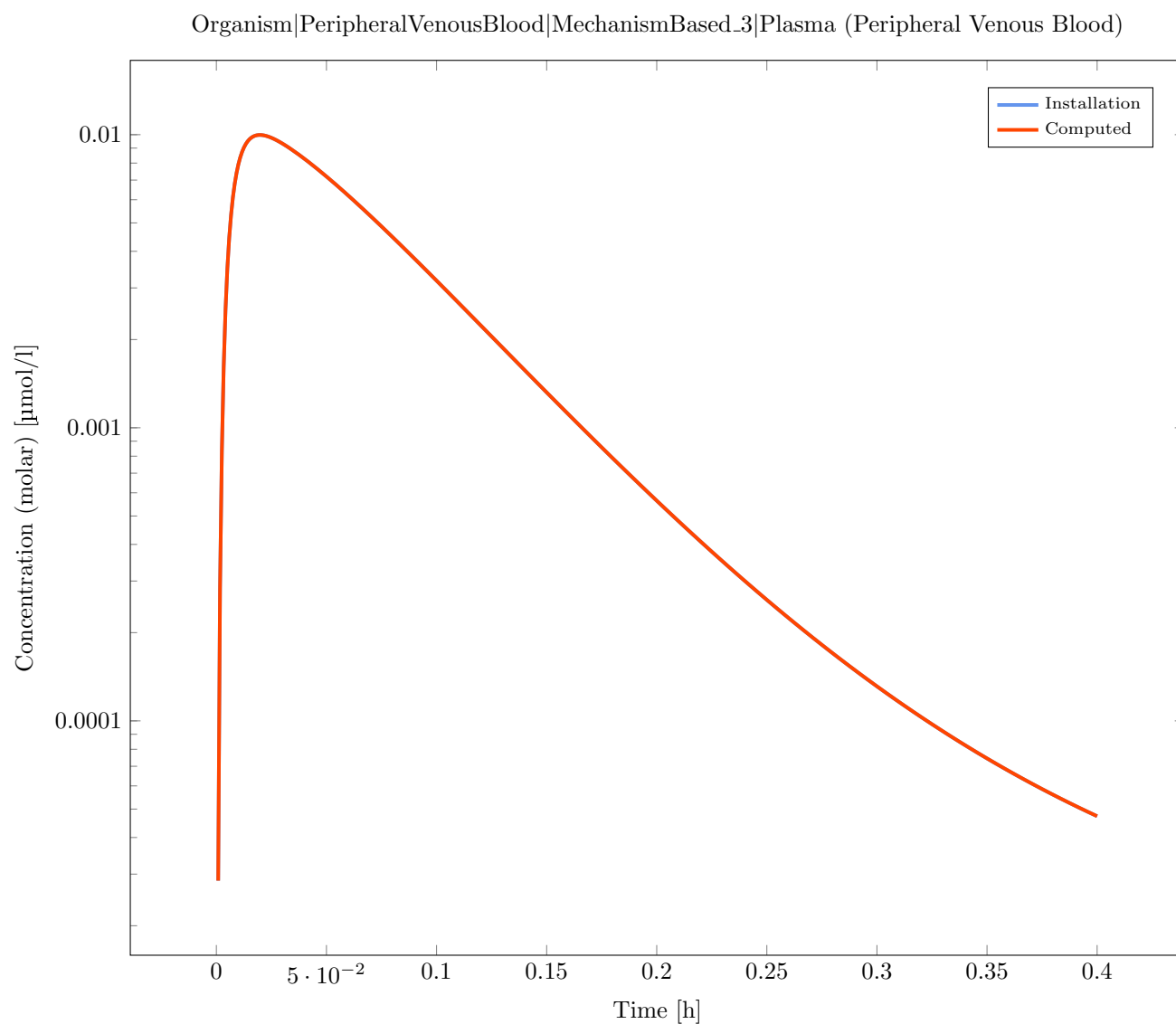**Figure 1.52**

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 4.79E-4

Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

Figure 1.53

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)
Deviation: 4.20E-4

Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)

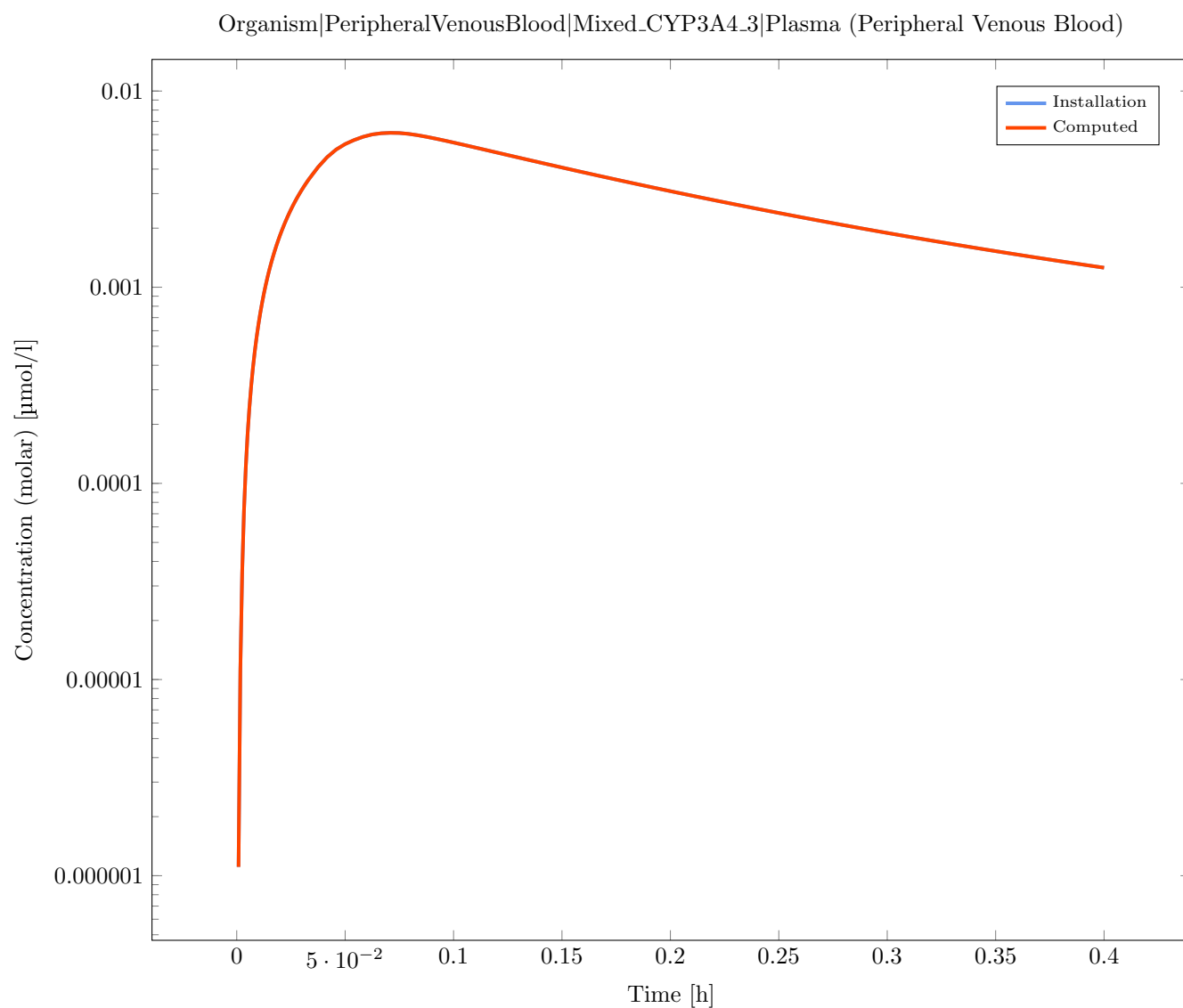**Figure 1.54**

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
Deviation: 5.23E-4

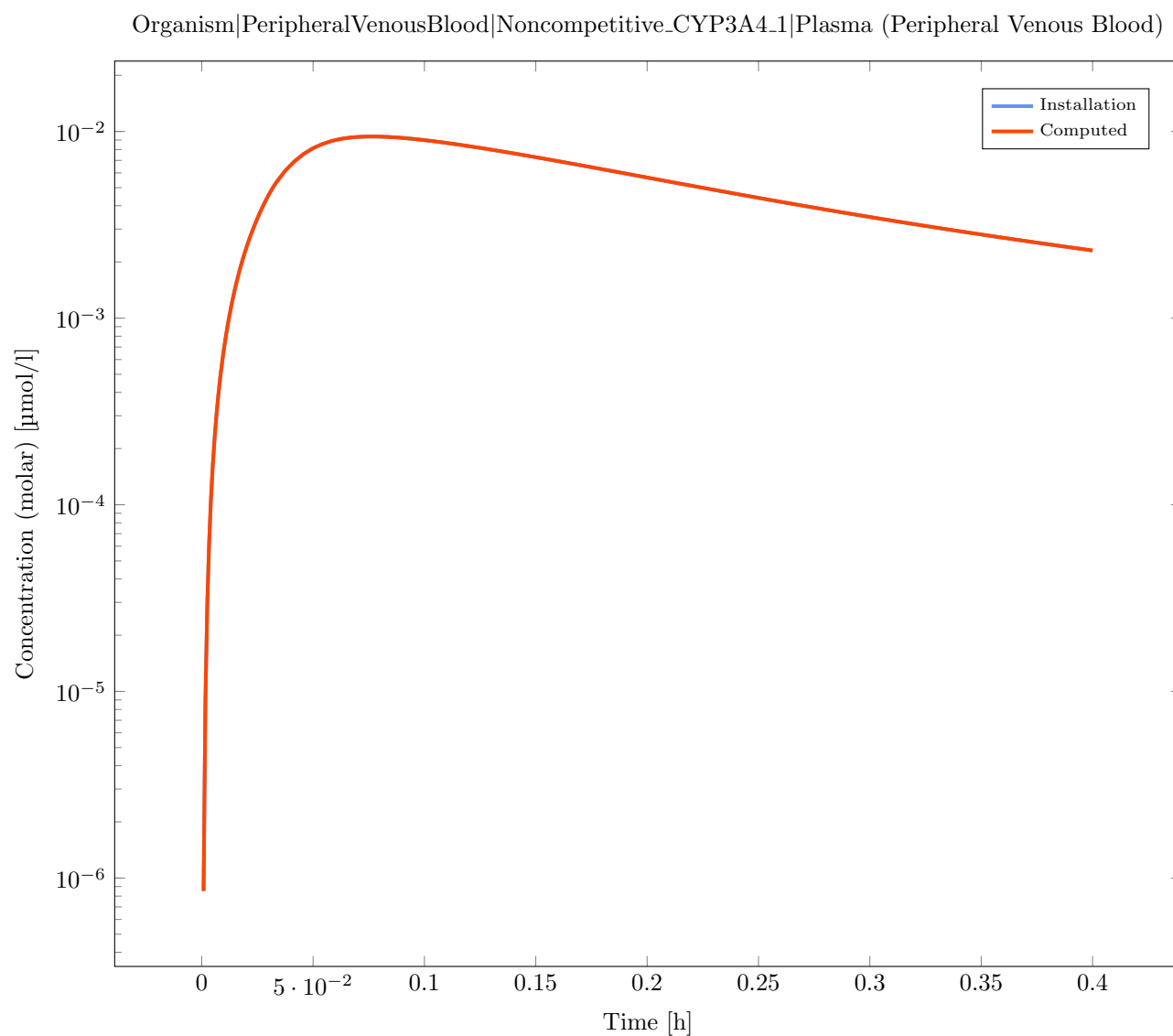Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.55

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)
Deviation: 5.07E-4

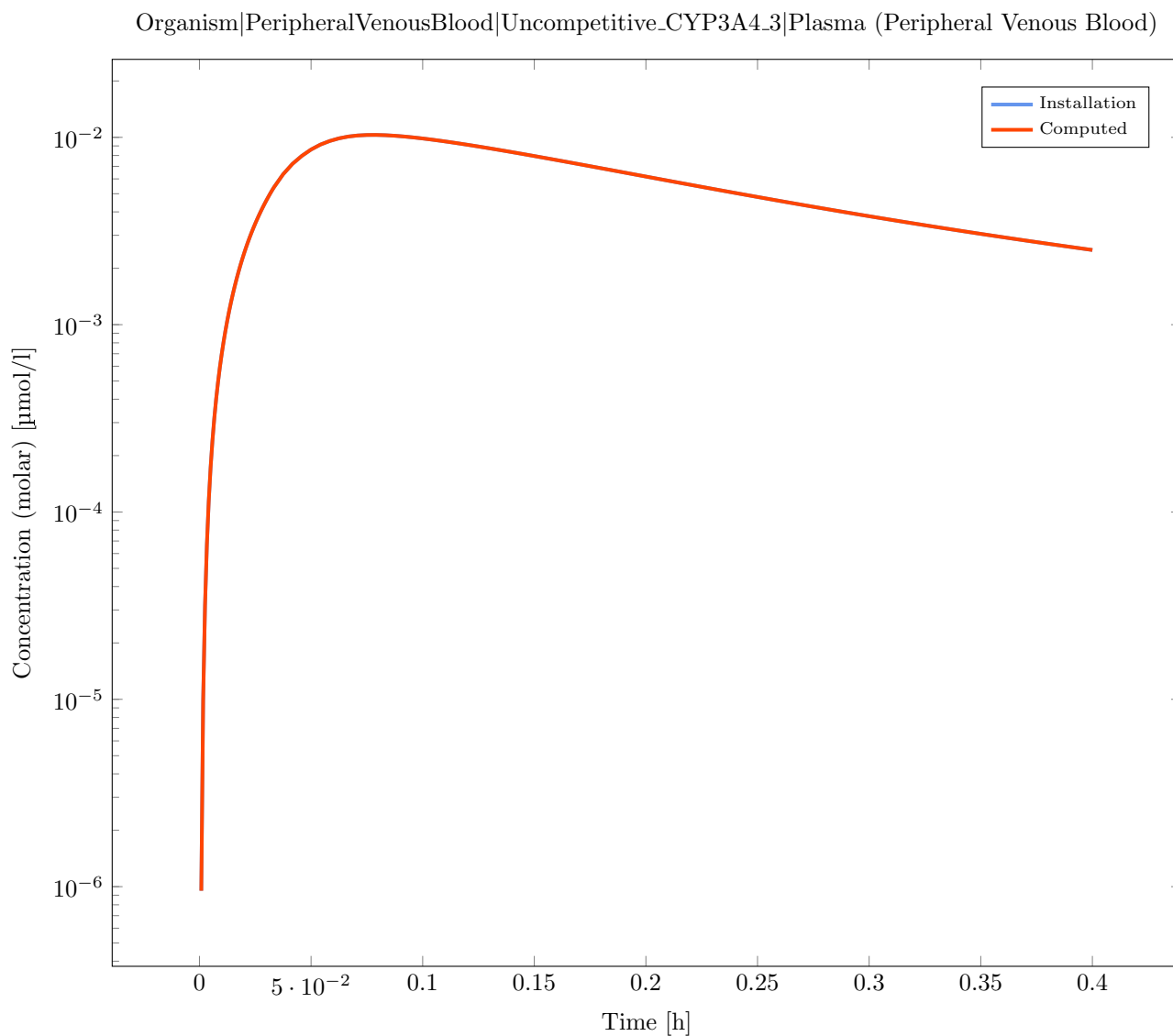Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)

Figure 1.56

Simulation: DDI_MultipleCombinations-21_1st_Competitive_Competitive
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
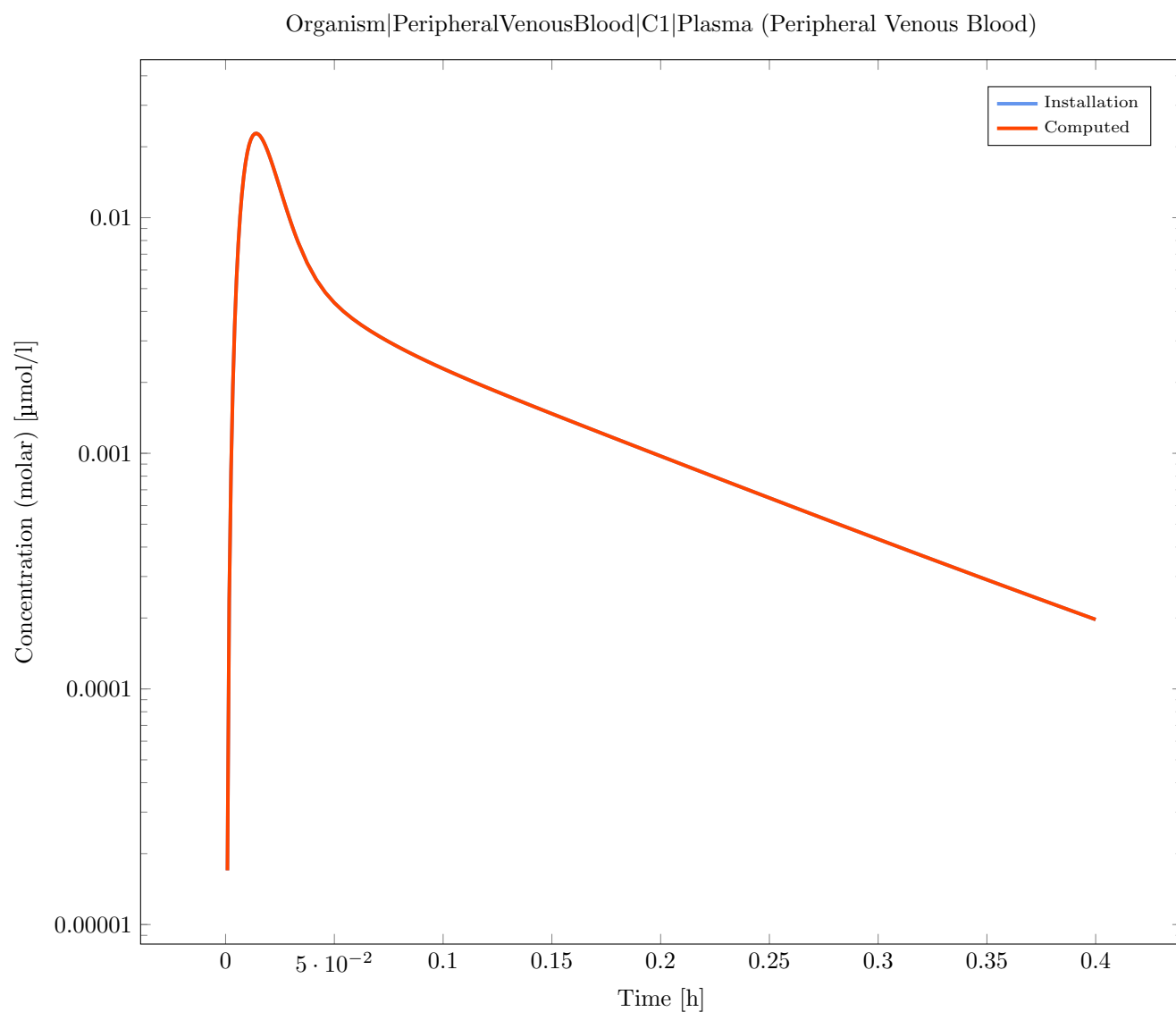Deviation: 2.97E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.57

Output Path: Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)
Deviation: 2.00E-4

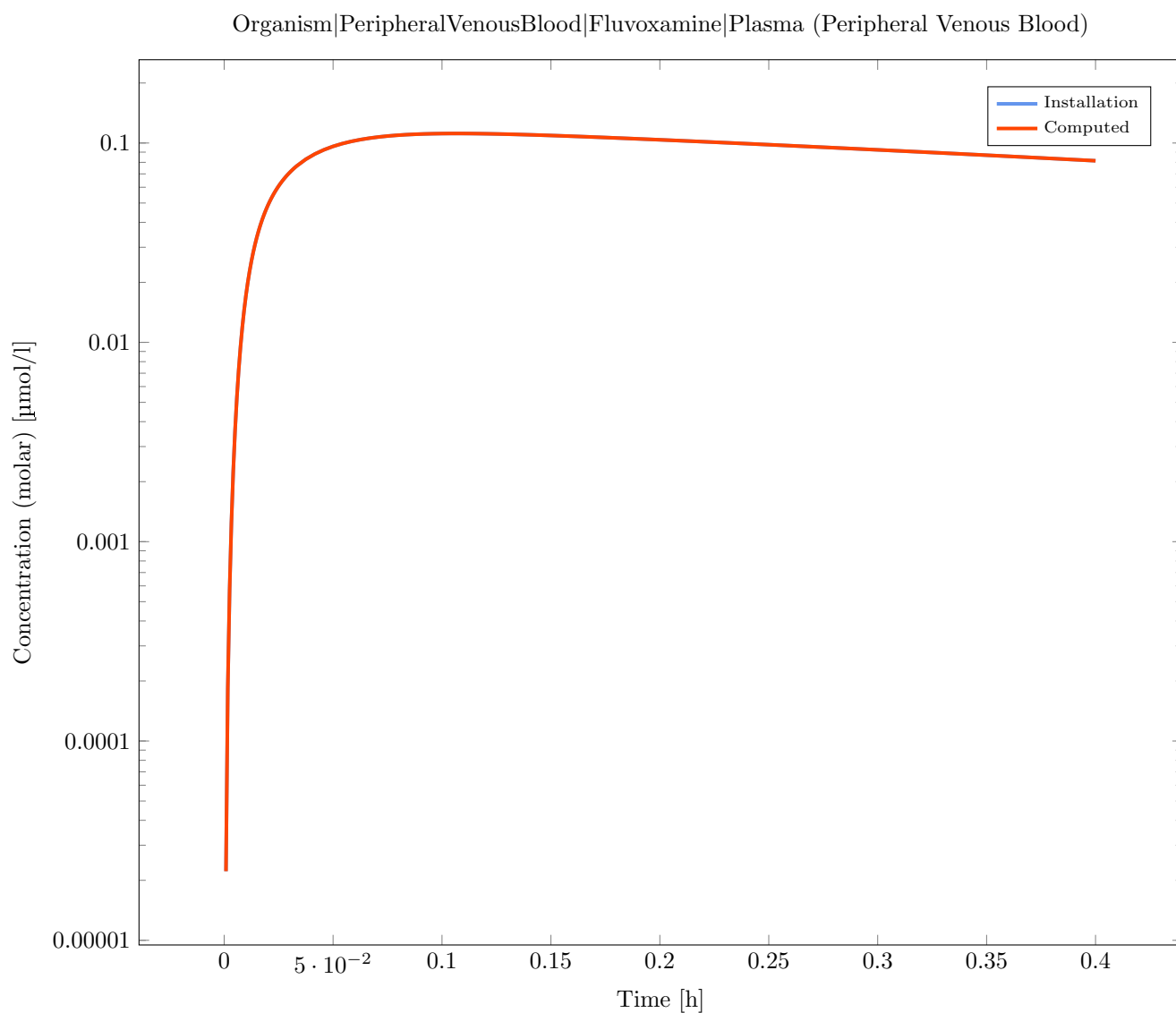Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)

Figure 1.58

Output Path: Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)
Deviation: 2.44E-4

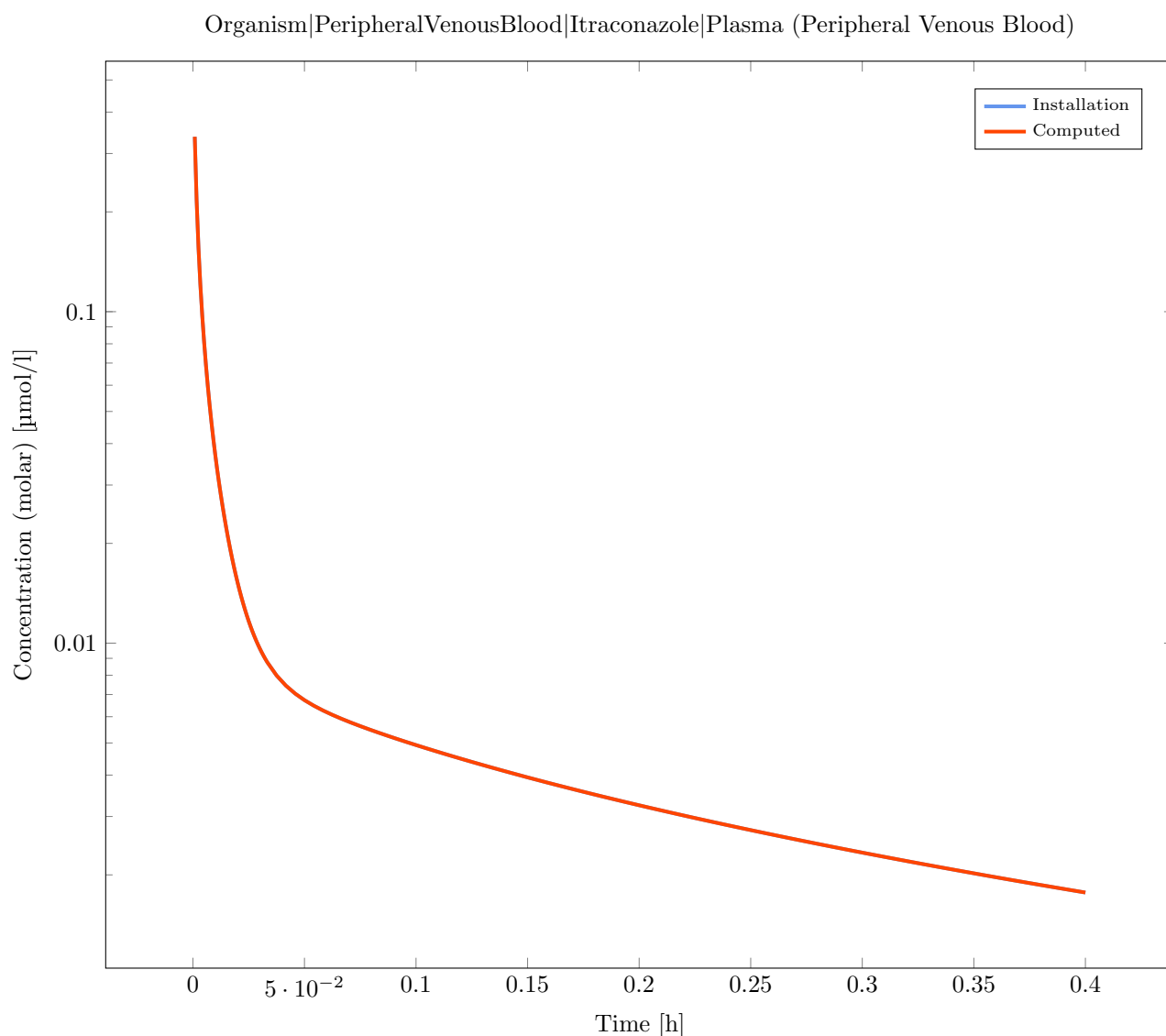Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)

Figure 1.59

Simulation: DDI_MultipleCombinations-23_1st_Noncompetitive_Noncompetitive
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
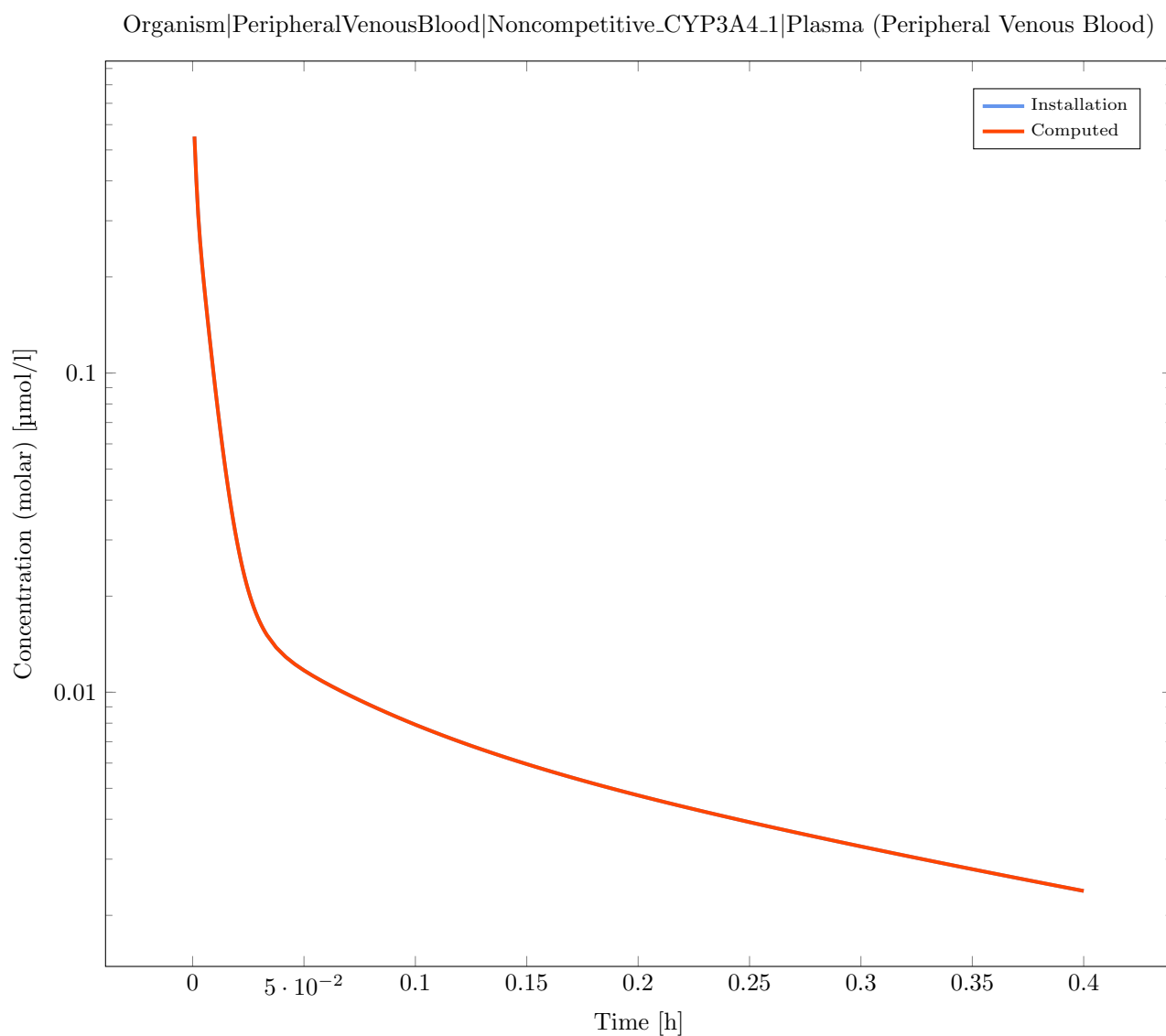Deviation: 3.68E-4

Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.60

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)
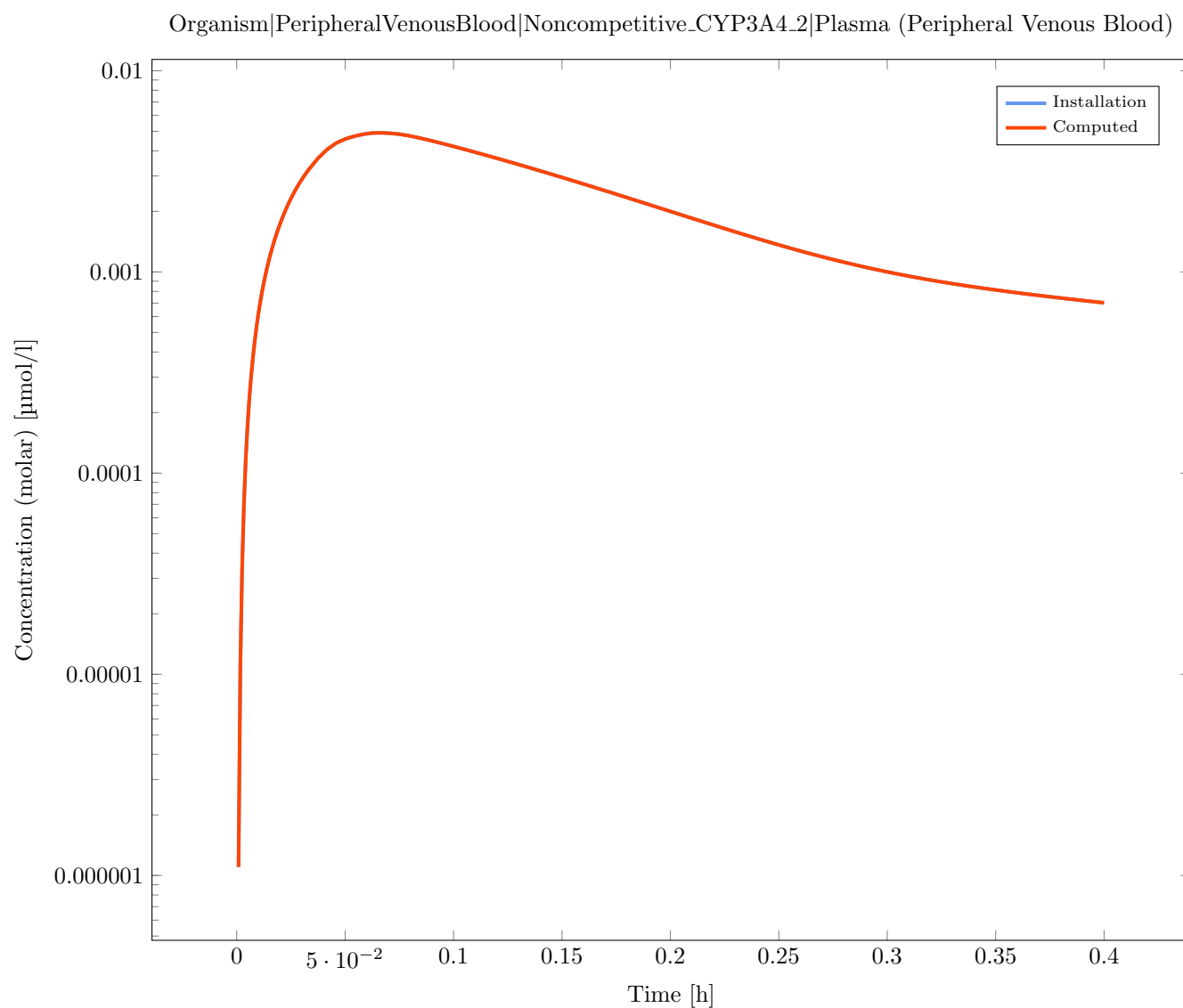Deviation: 3.32E-4

Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)

Figure 1.61

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 2.67E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
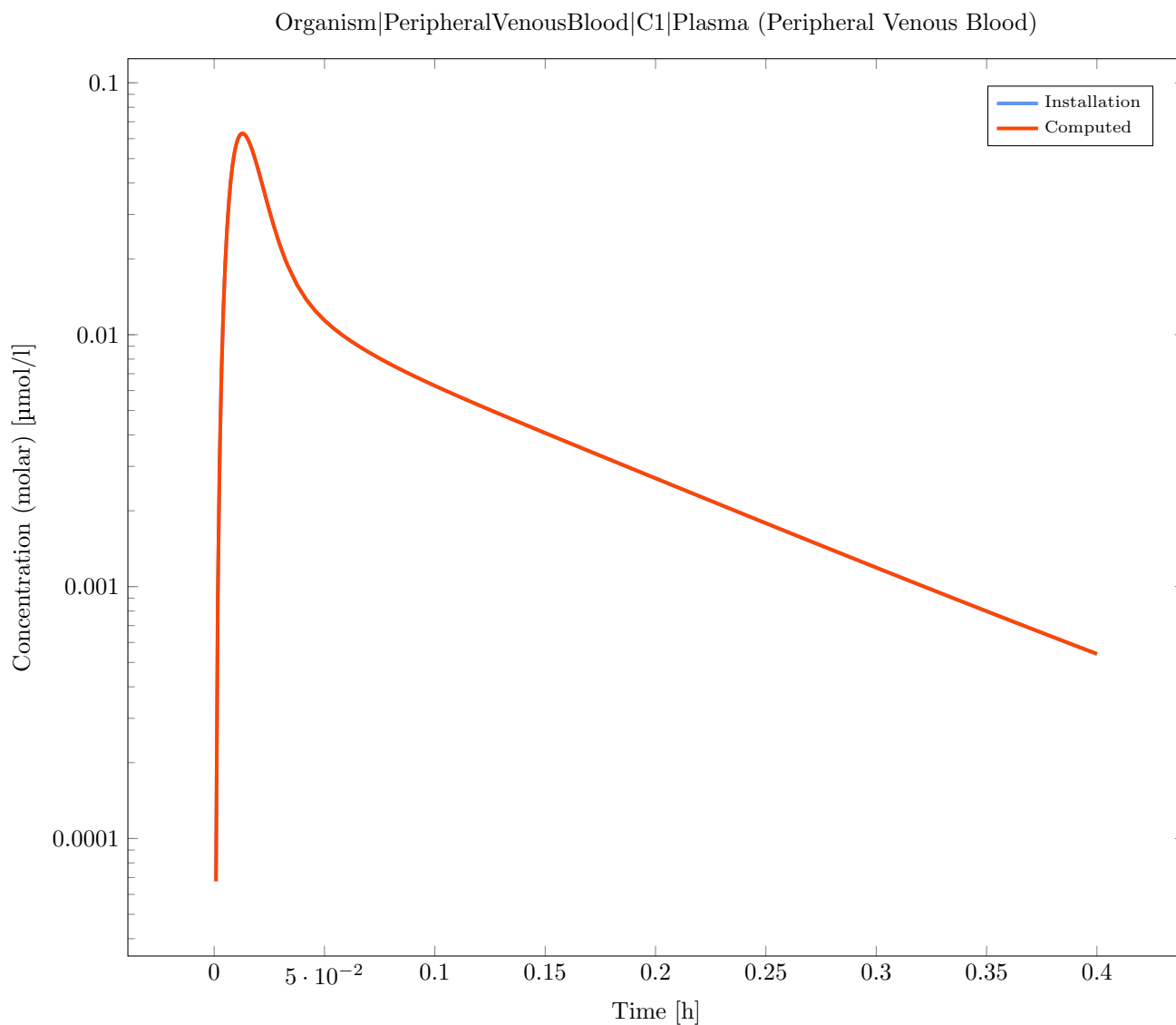

Figure 1.62

Simulation: DDI_MultipleCombinations-24_1st_Mixed_Mixed
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_1|Plasma (Peripheral Venous Blood)
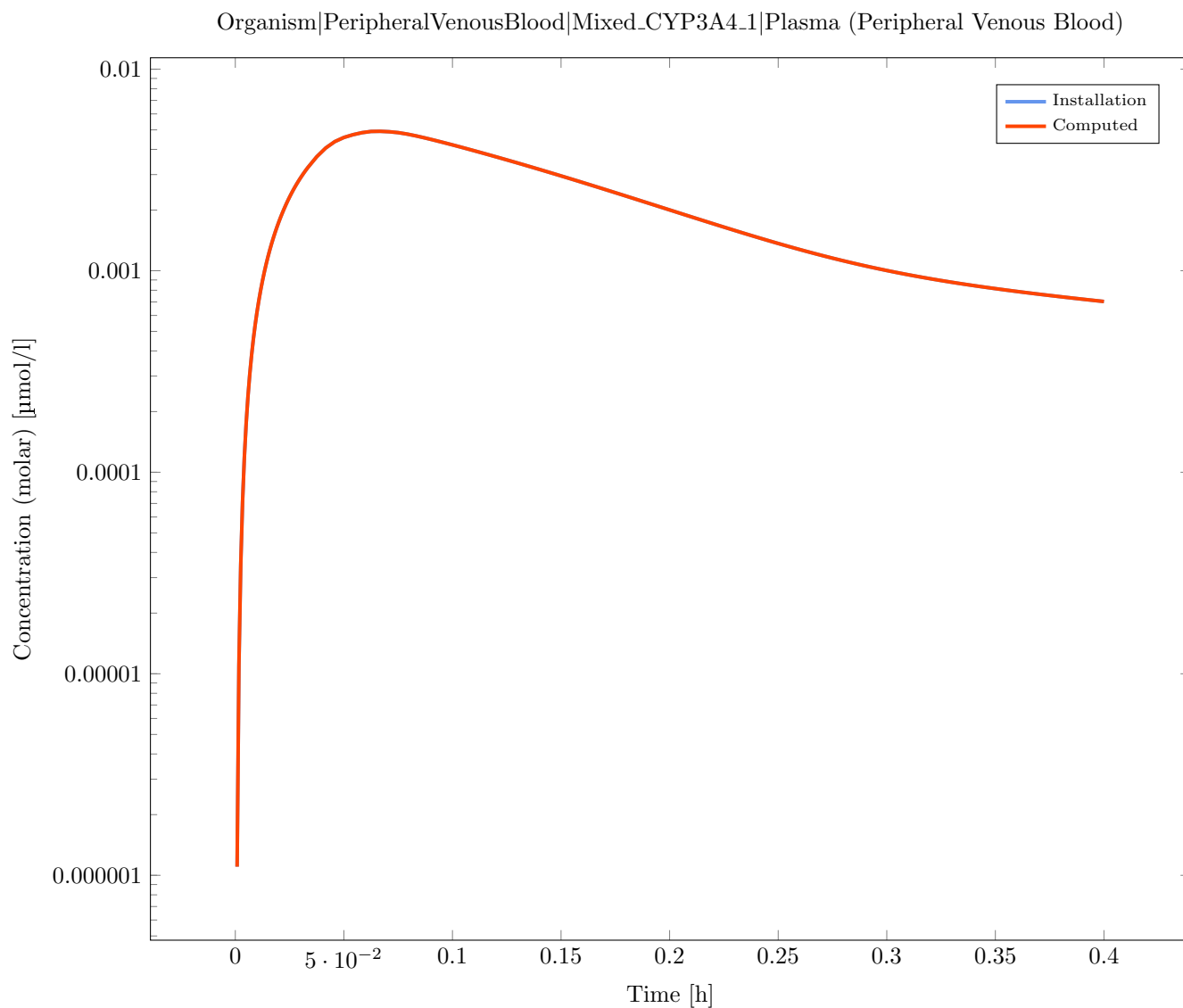Deviation: 3.11E-4

Organism|PeripheralVenousBlood|Mixed_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.63

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_2|Plasma (Peripheral Venous Blood)
Deviation: 3.68E-4

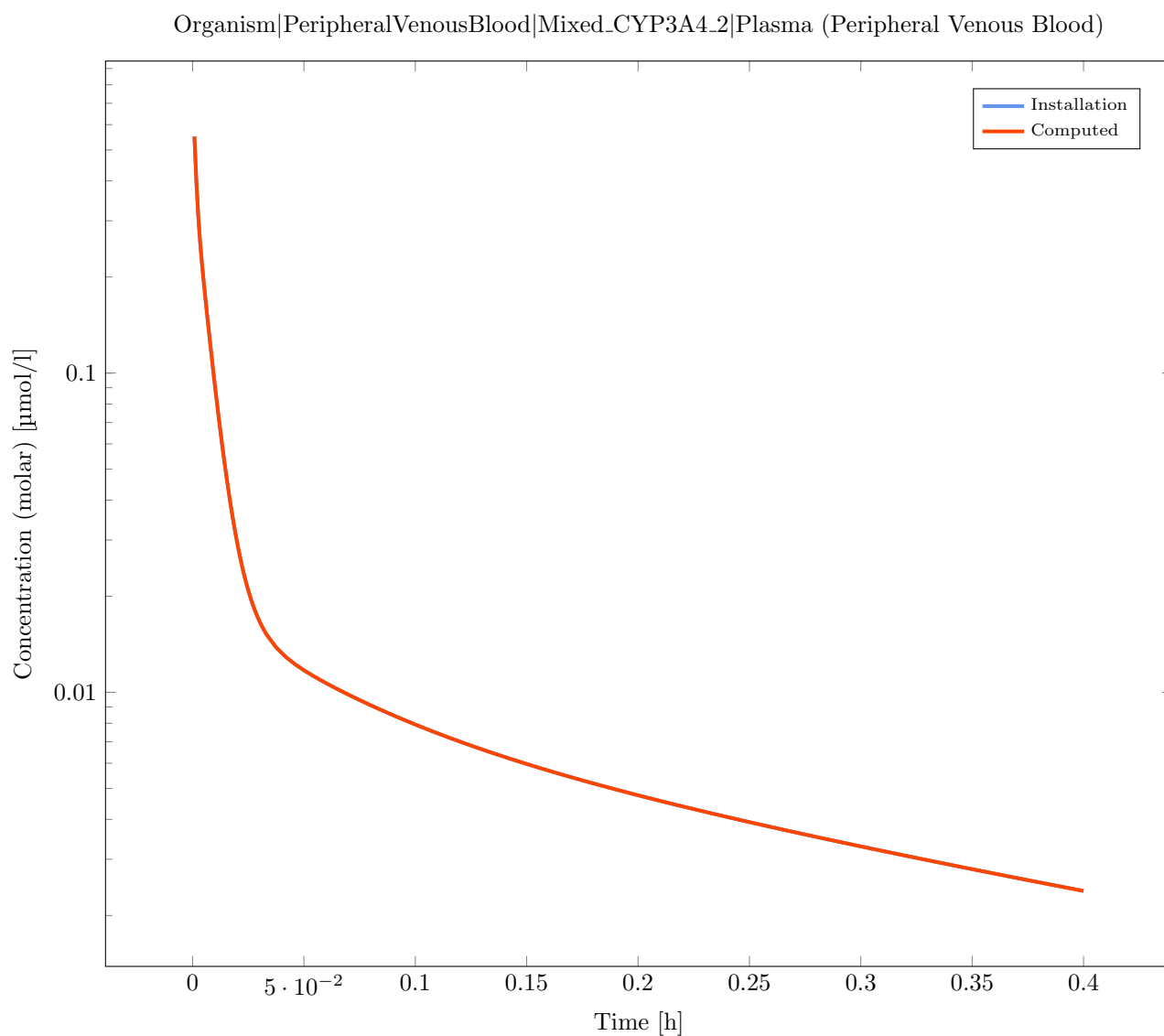Organism|PeripheralVenousBlood|Mixed_CYP3A4_2|Plasma (Peripheral Venous Blood)

Figure 1.64

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 2.84E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
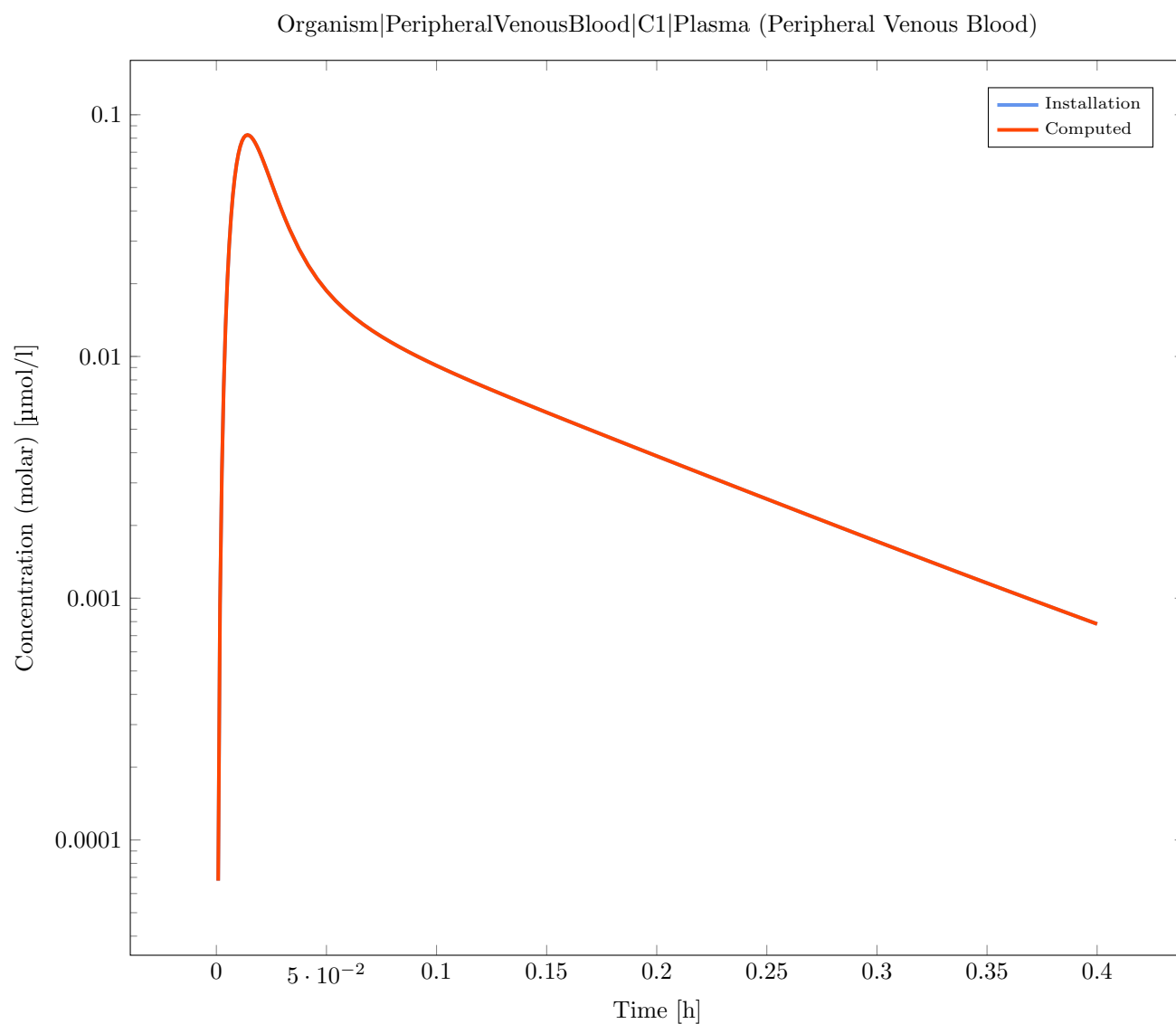

Figure 1.65

Simulation: DDI_MultipleCombinations-25_1st_Mechanismbased_Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)
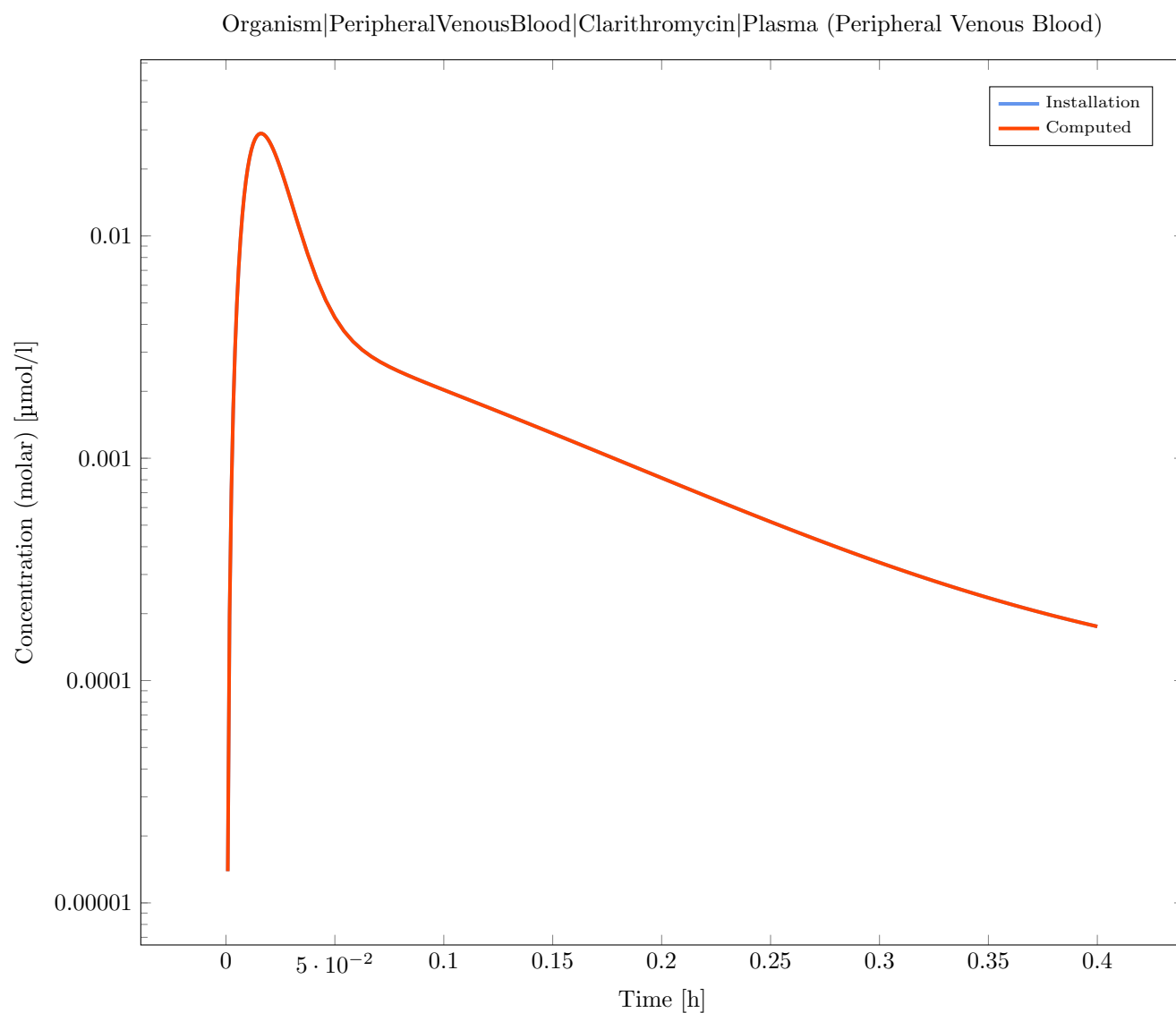Deviation: 2.03E-4

Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)

Figure 1.66

Output Path: Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)
Deviation: 3.62E-4

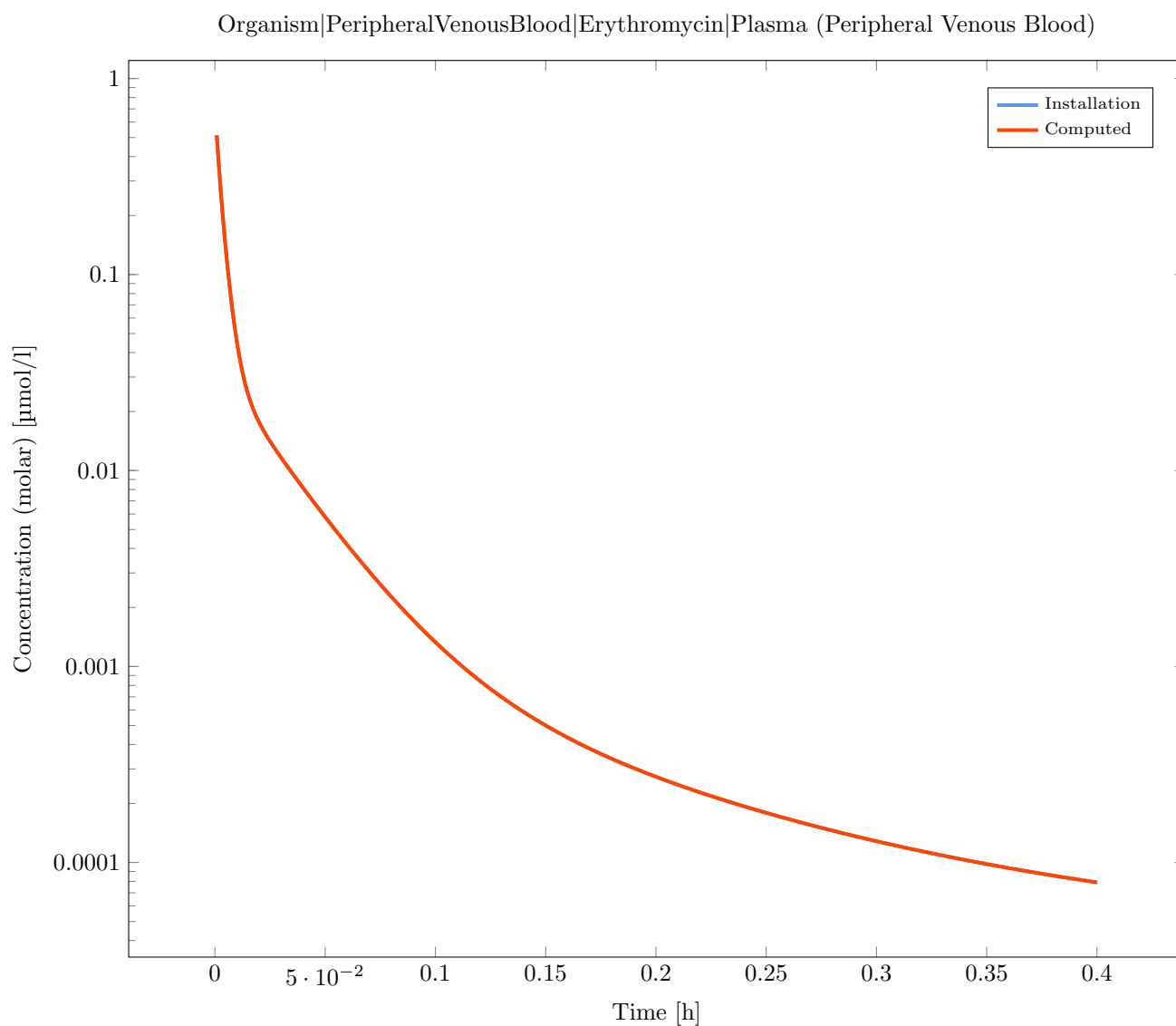Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)

Figure 1.67

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 2.67E-4

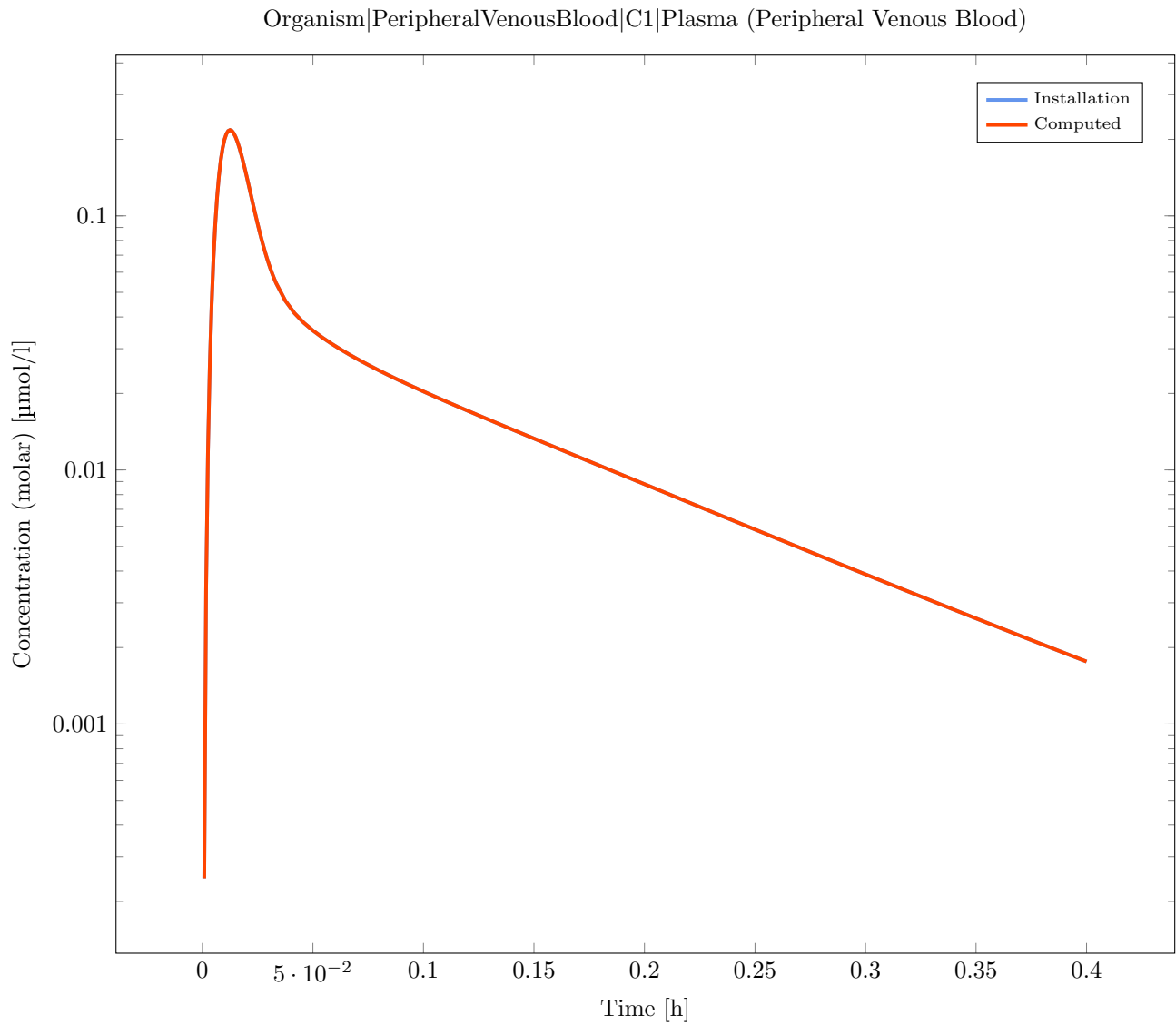Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.68

Simulation: DDI_MultipleCombinations-26_1st_Induction_Induction
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)
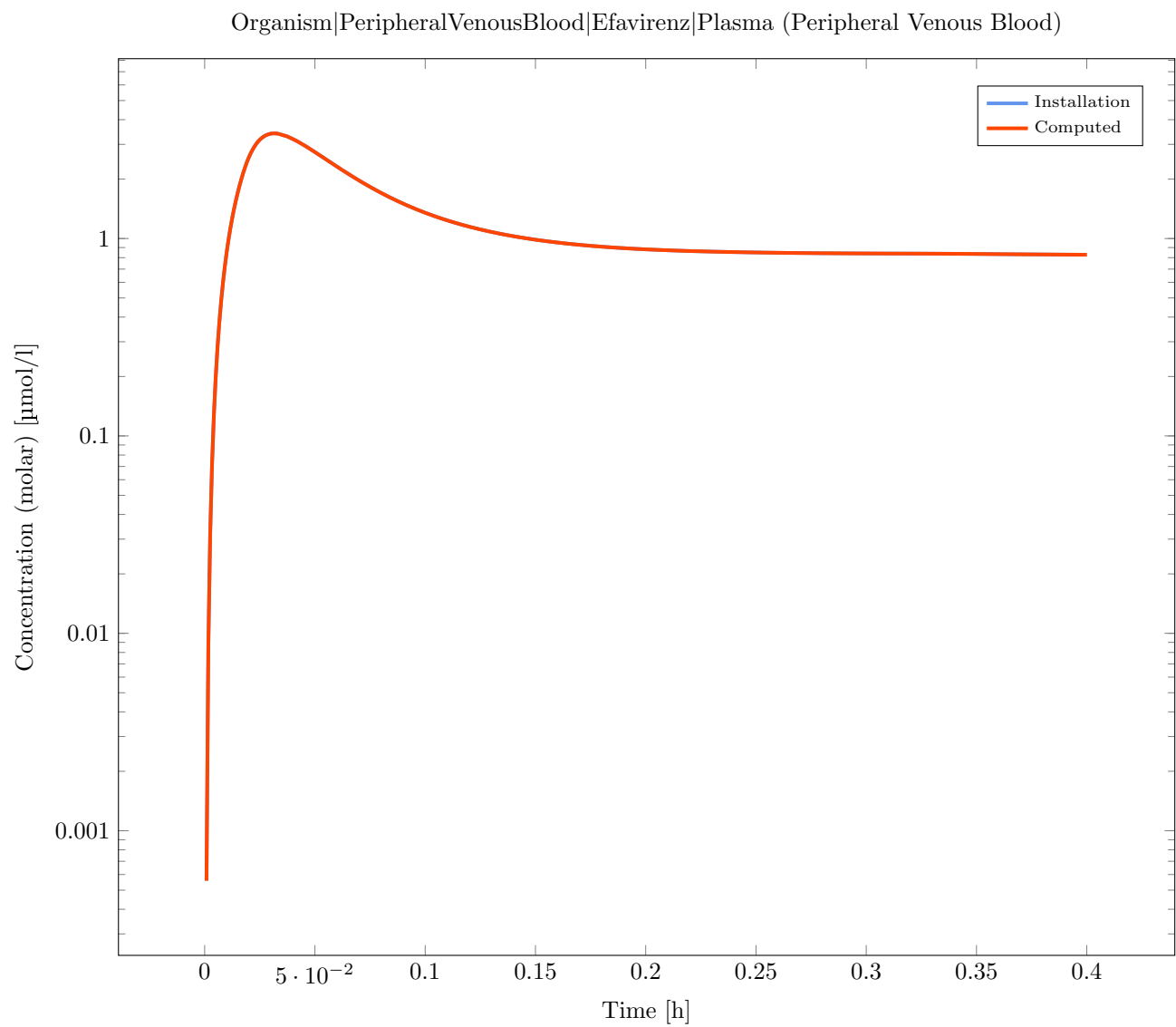Deviation: 1.75E-4

Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)

Figure 1.69

Output Path: Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)
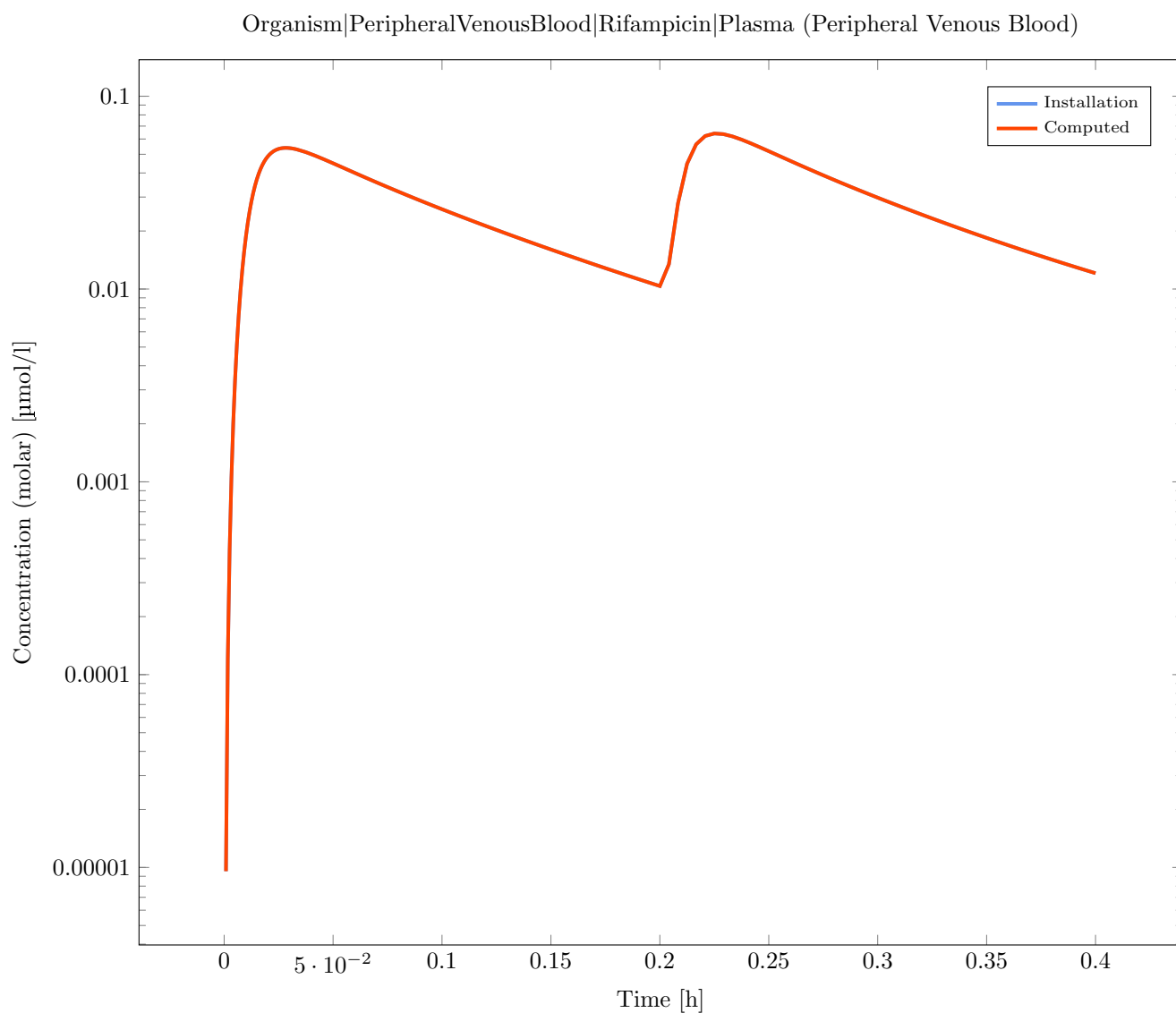Deviation: 3.68E-4

Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)

Figure 1.70

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 2.59E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
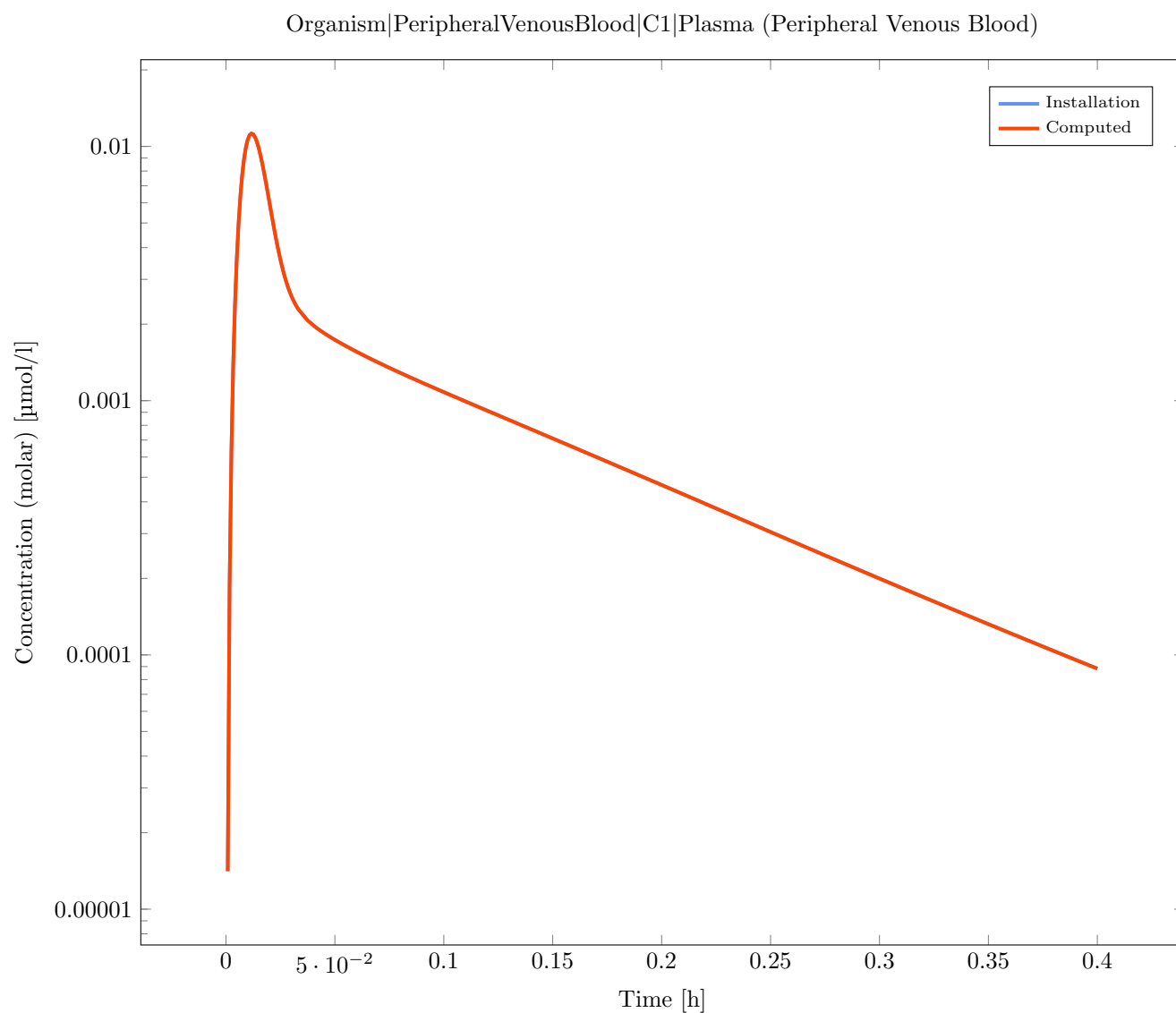

Figure 1.71

Simulation: DDI_MultipleCombinations-27_1st_Competitive_Competitive_Mechanismbased_Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)
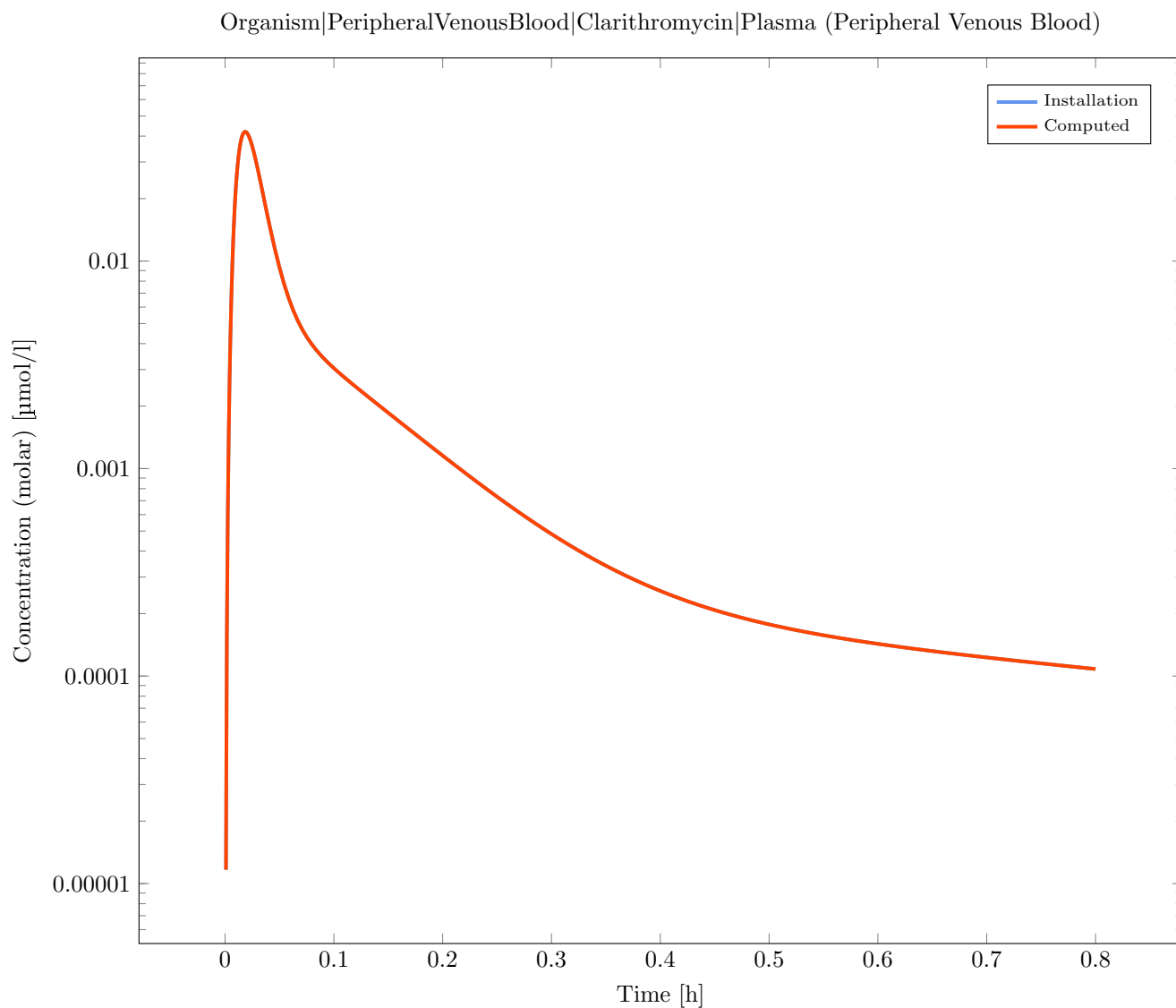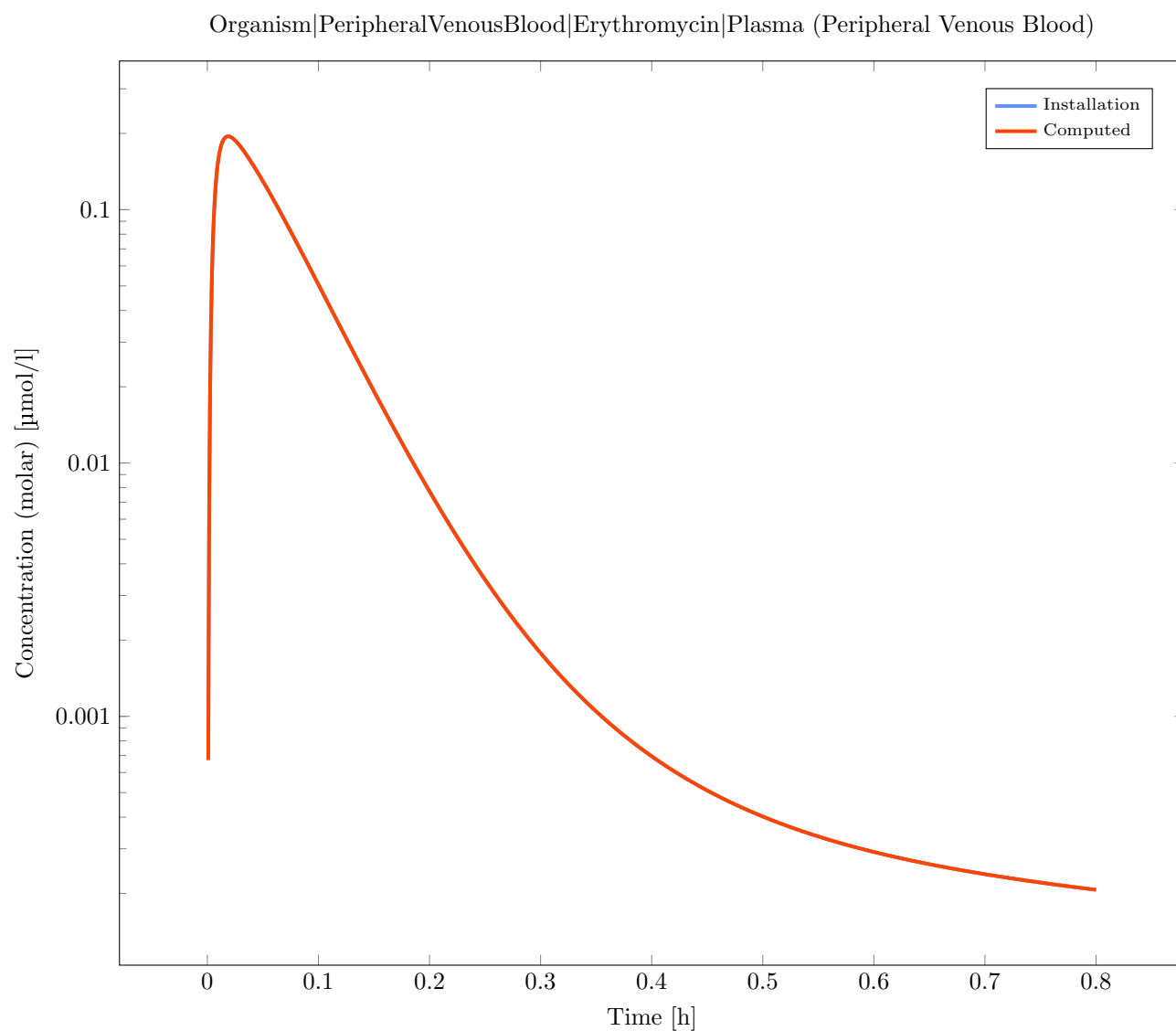Deviation: 2.11E-4

Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)

Figure 1.72

Output Path: Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)
Deviation: 5.99E-4

Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)

Figure 1.73

Output Path: Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)
Deviation: 3.28E-4

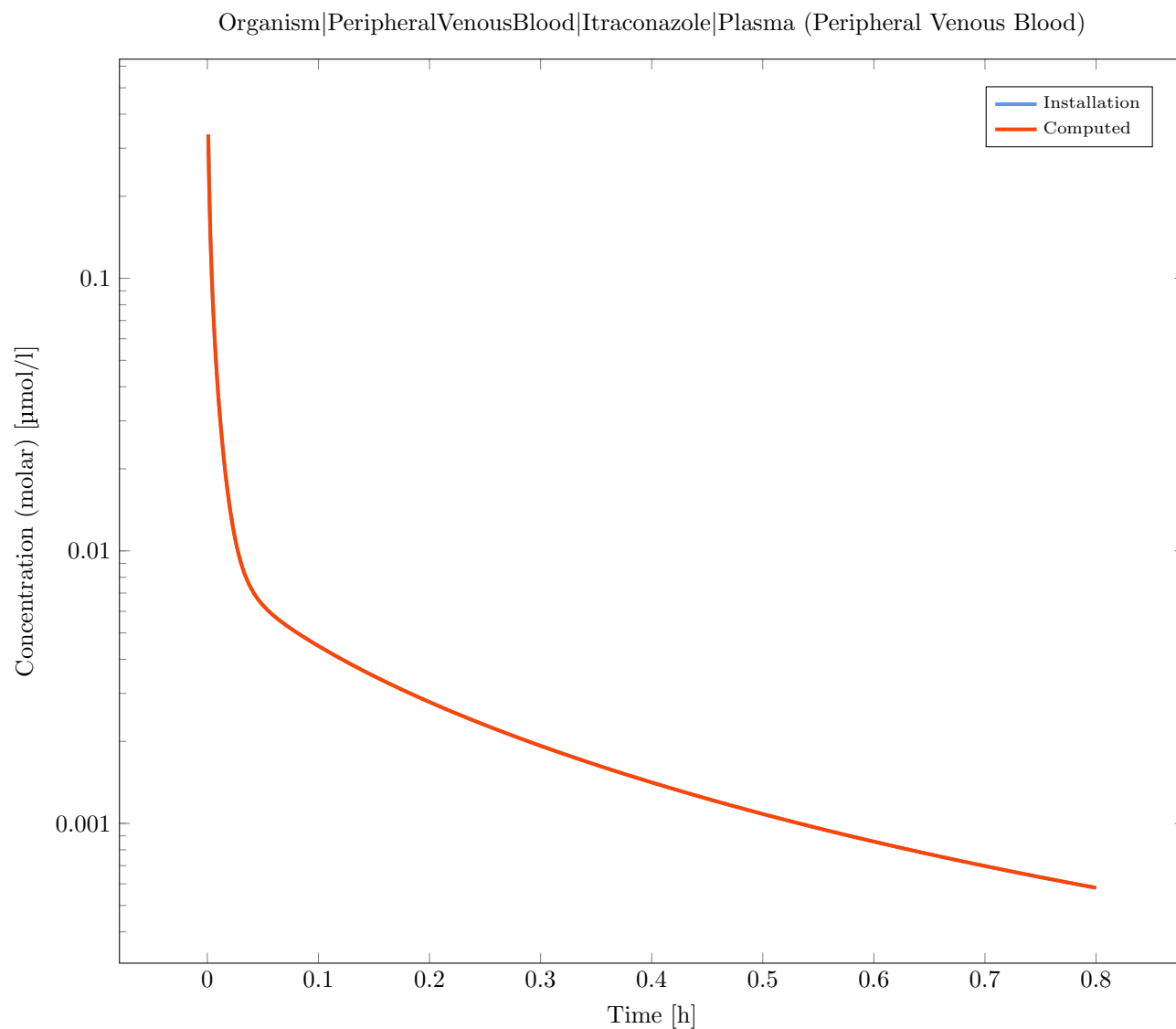Organism|PeripheralVenousBlood|Itraconazole|Plasma (Peripheral Venous Blood)

Figure 1.74

Output Path: Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)
Deviation: 4.68E-4

Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)

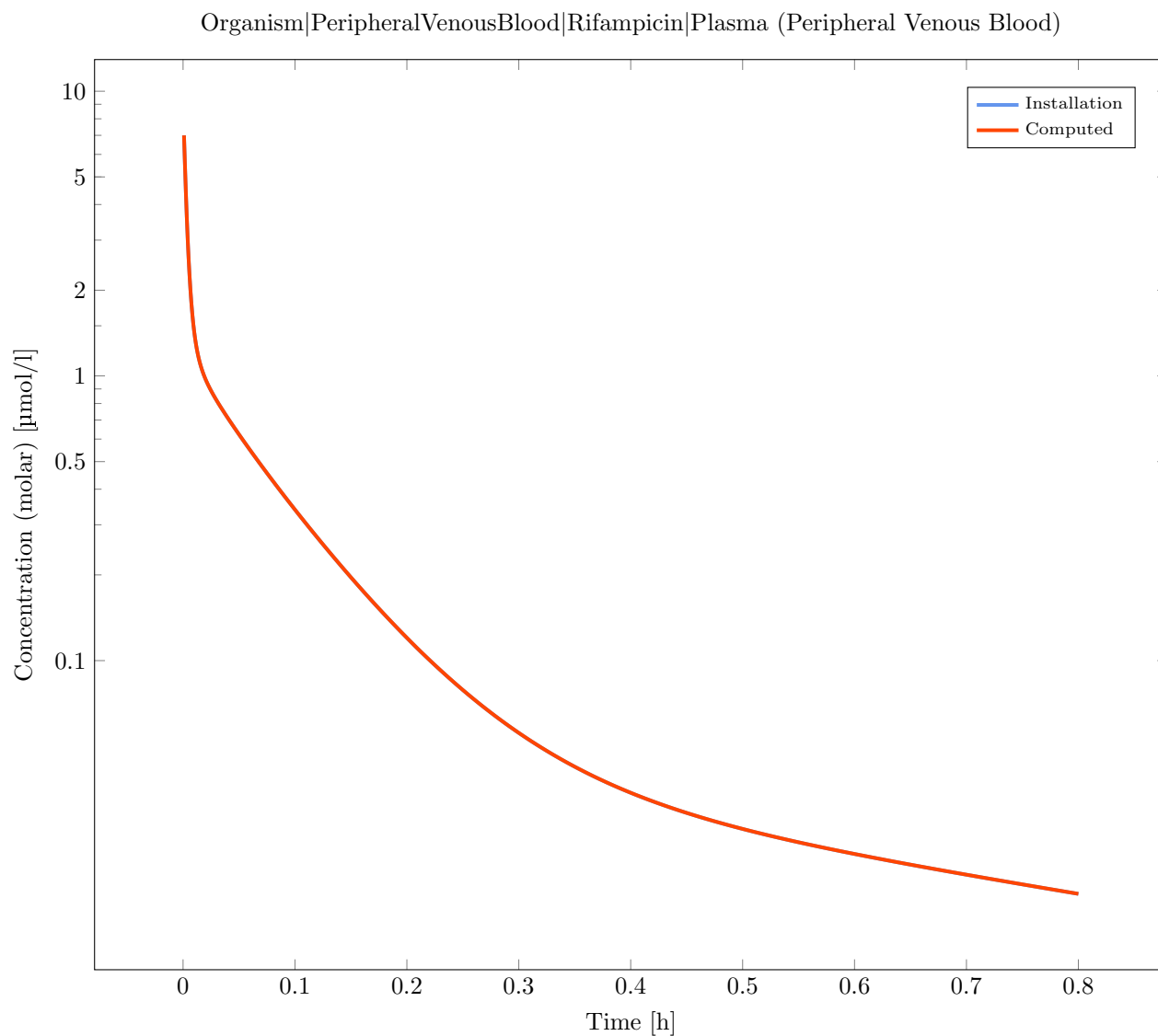**Figure 1.75**

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 2.88E-4

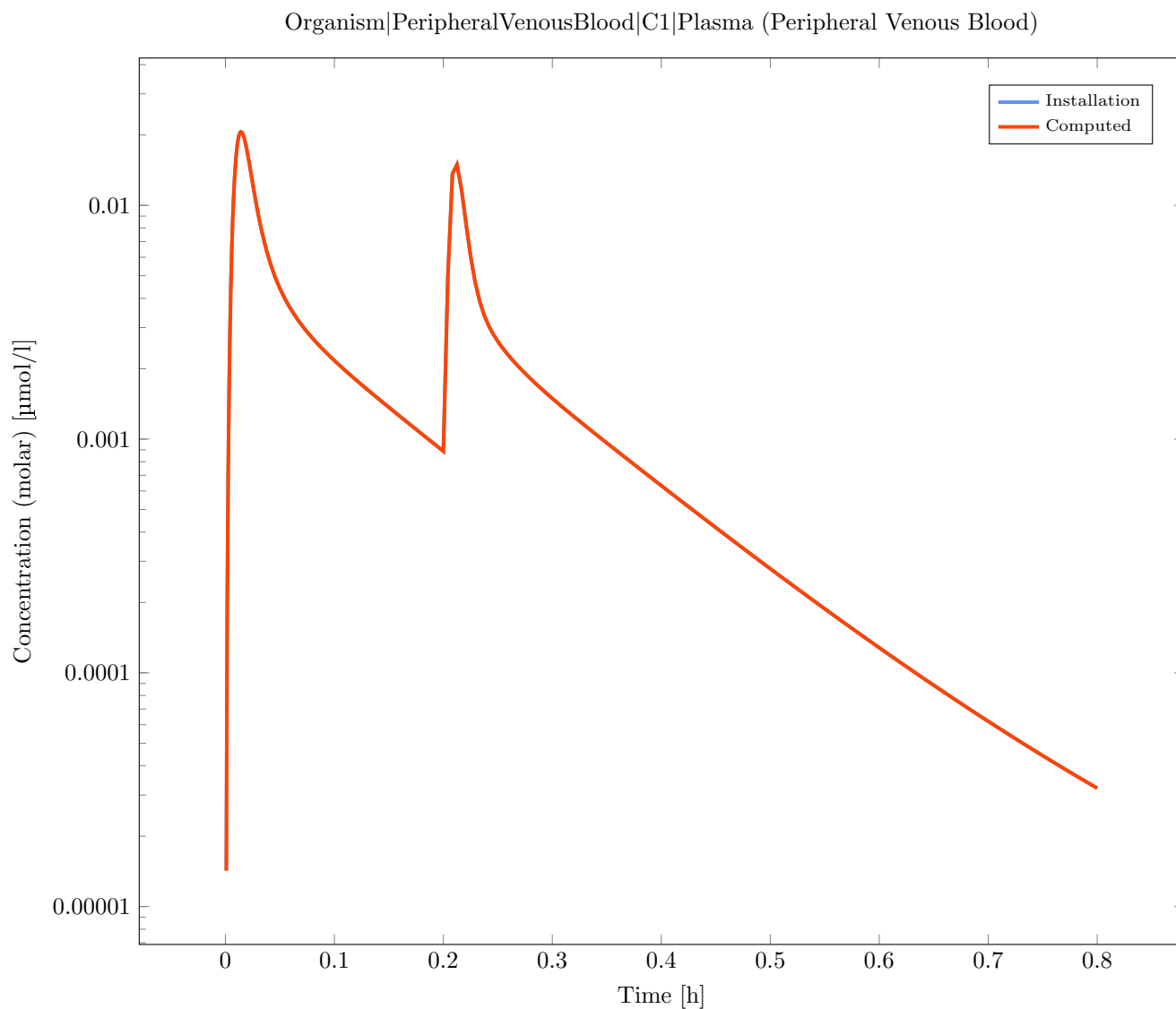Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.76

Simulation: DDI_MultipleCombinations-28_1st_Uncompetitive_Uncompetitive_Mechanismbased_-Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)
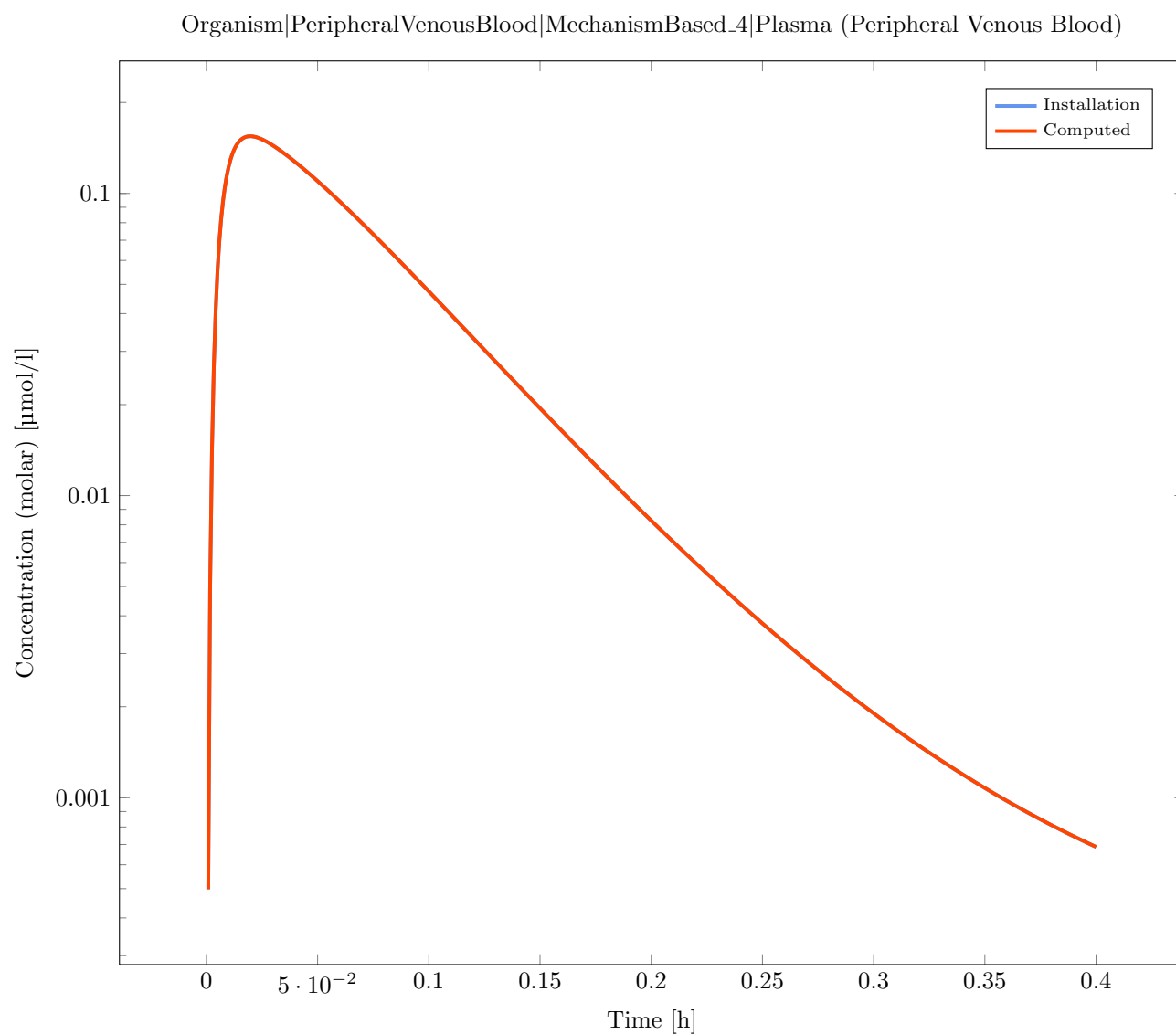Deviation: 5.99E-4

Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)

Figure 1.77

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 3.67E-4

Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

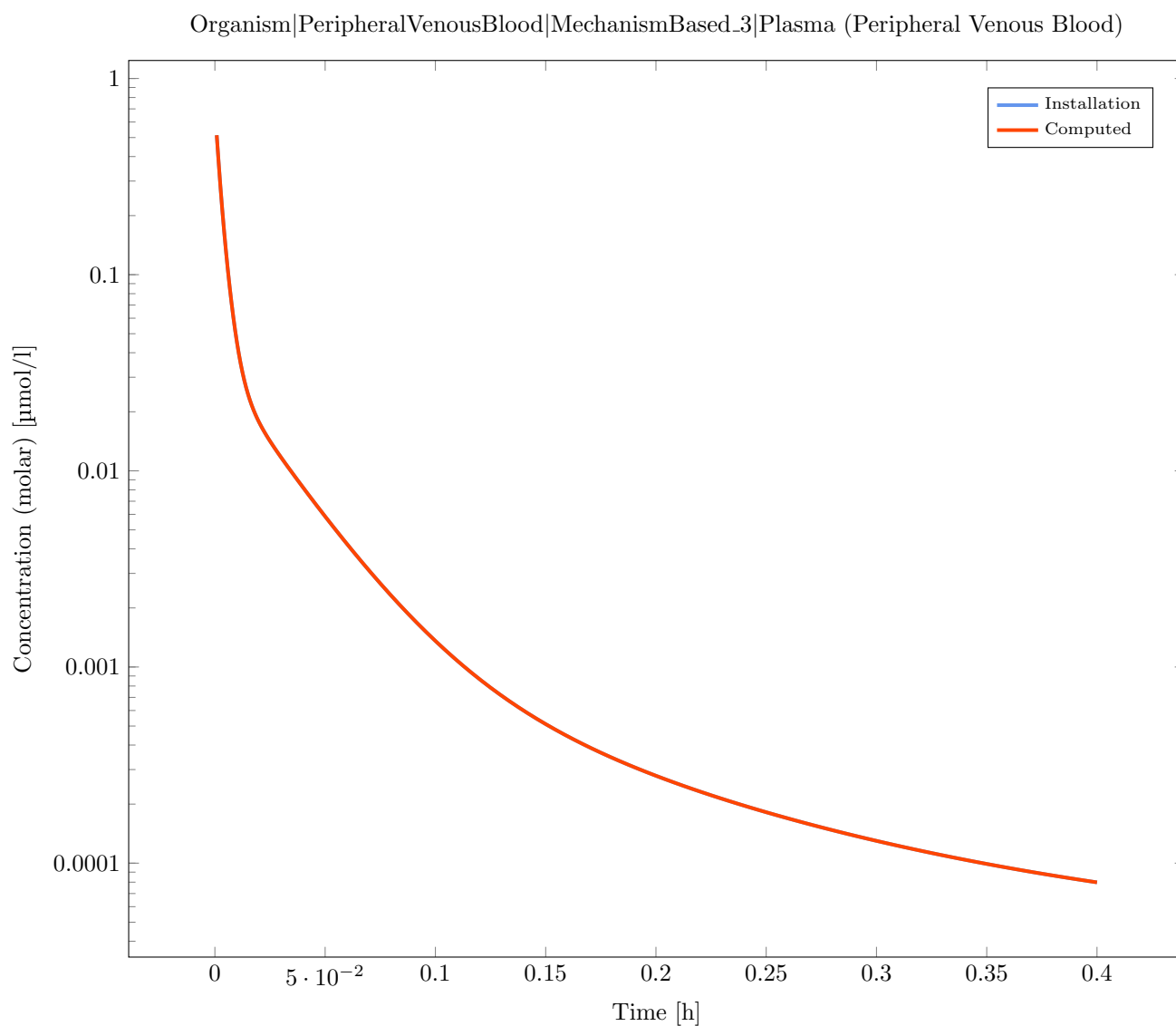**Figure 1.78**

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_4|Plasma (Peripheral Venous Blood)
Deviation: 5.72E-5

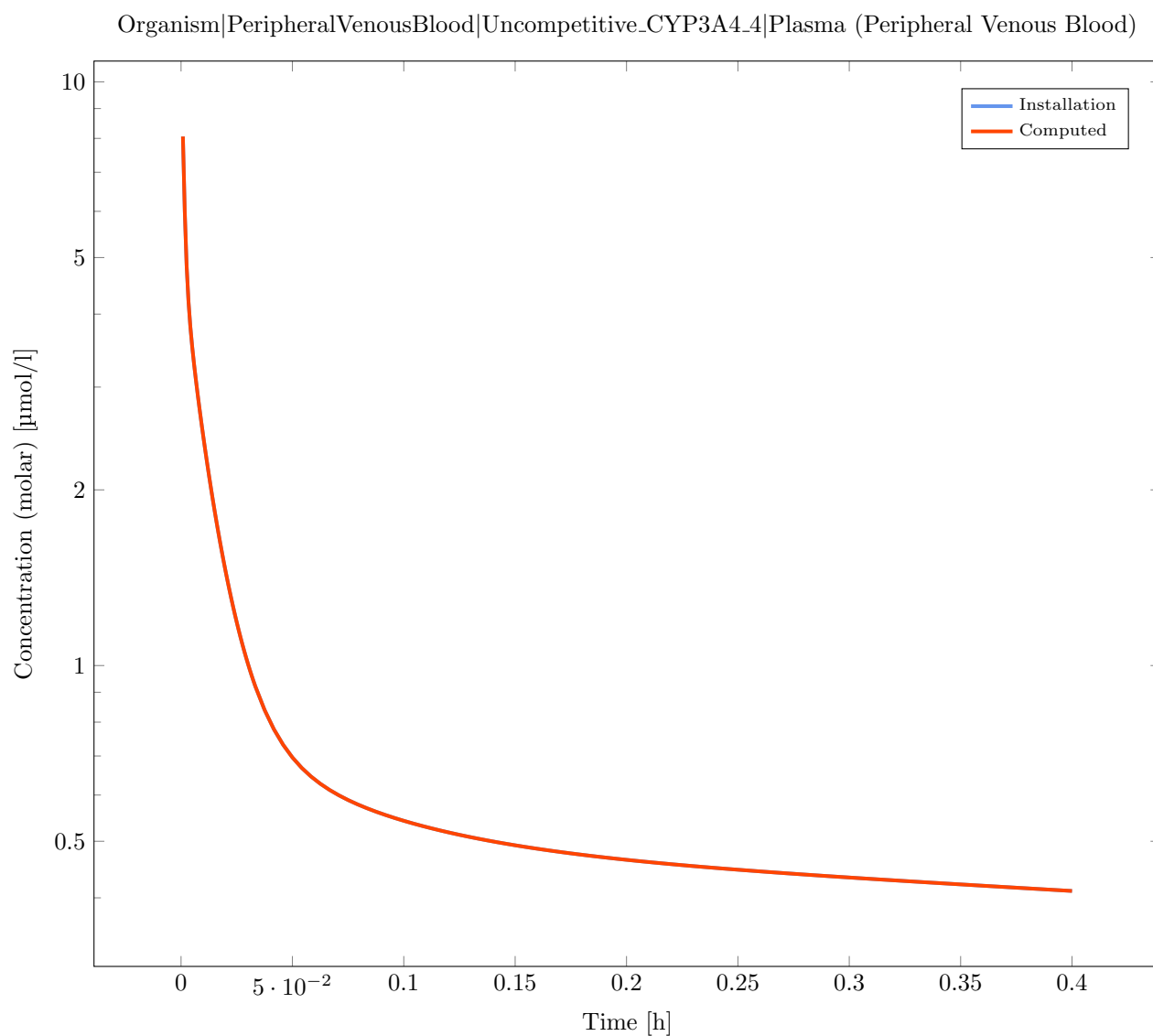Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_4|Plasma (Peripheral Venous Blood)

Figure 1.79

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)
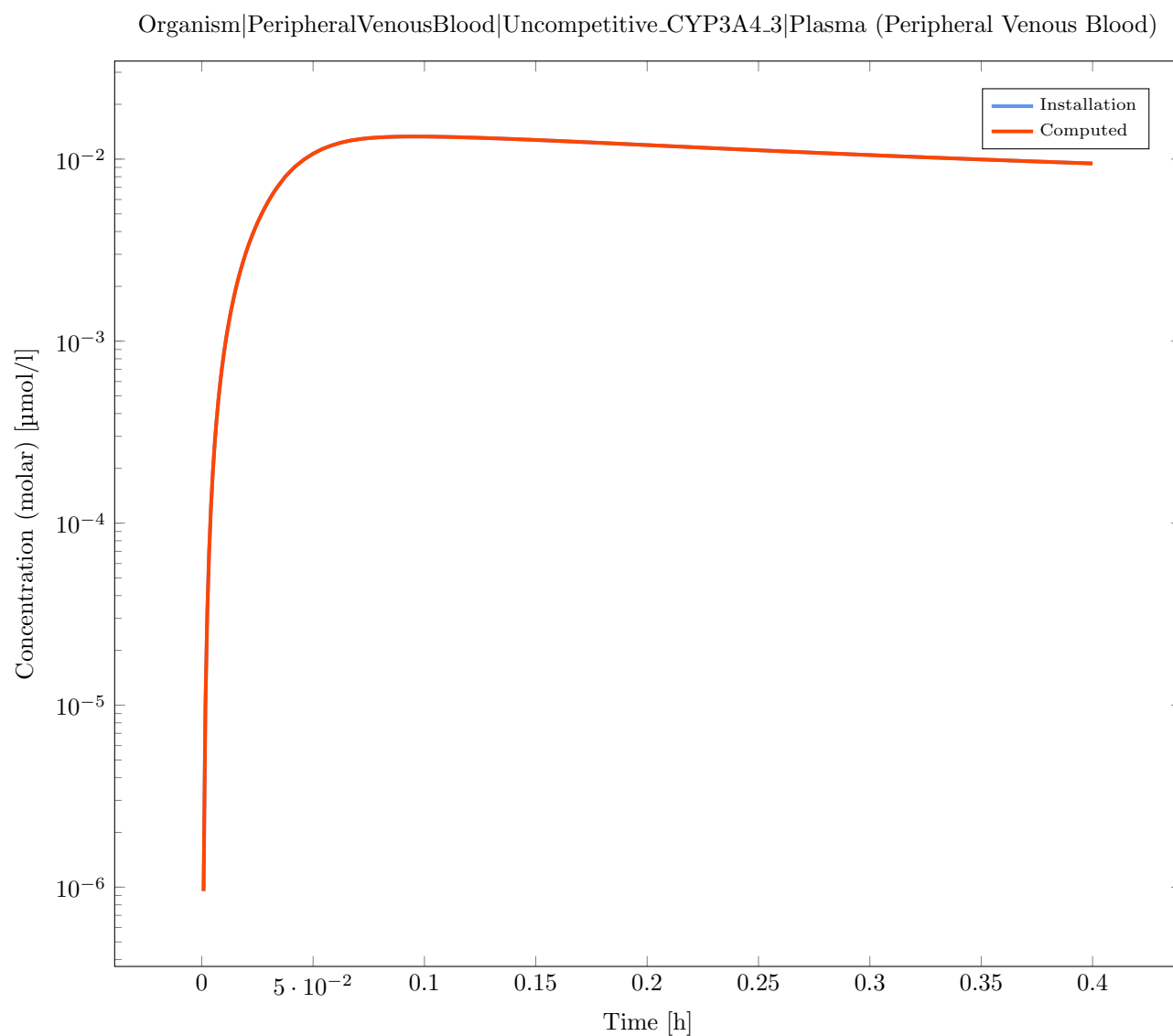Deviation: 1.14E-4

Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)

Figure 1.80

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 5.07E-4

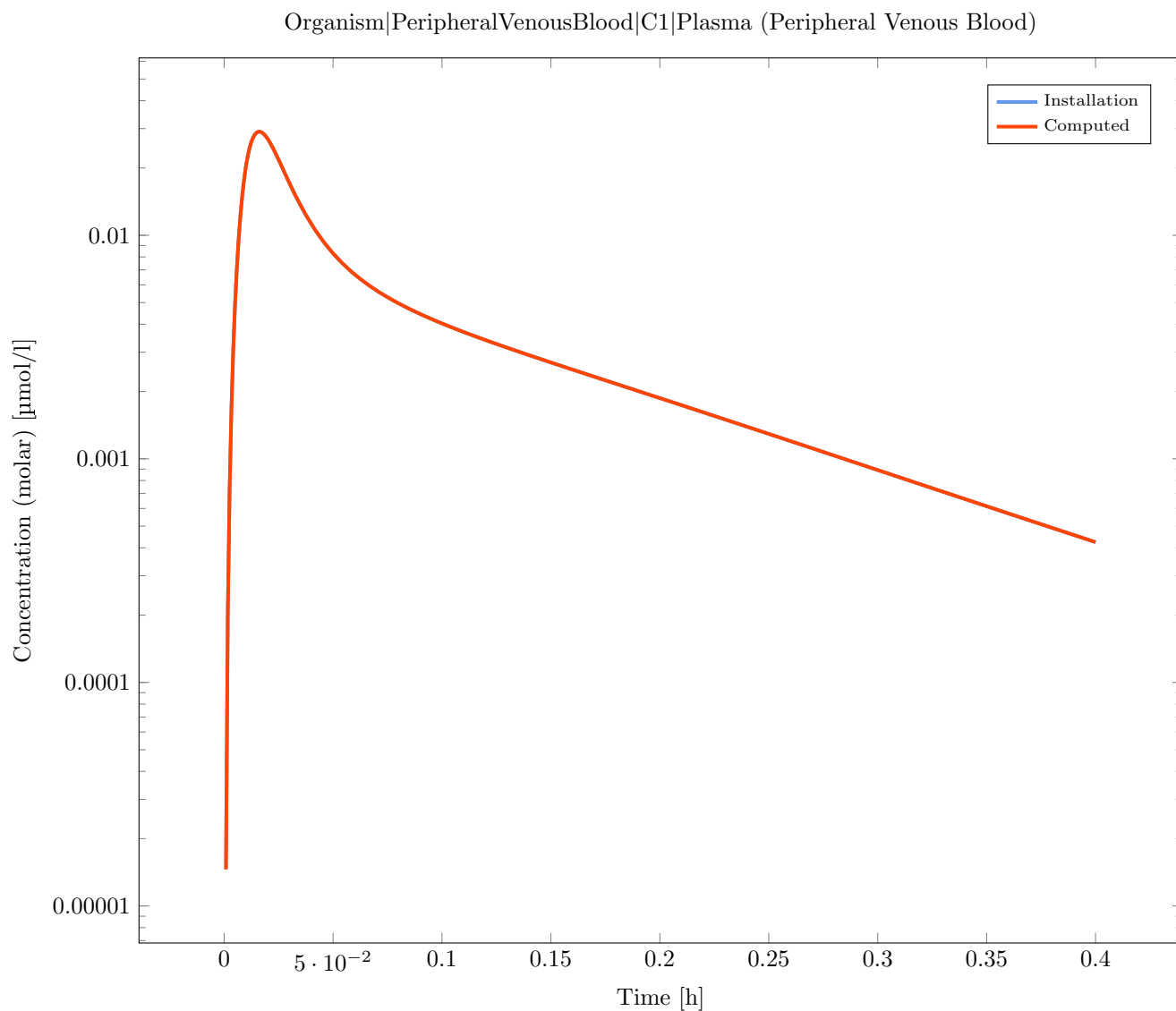Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.81

Simulation: DDI_MultipleCombinations-29_1st_Noncompetitive_Noncompetitive_Mechanismbased_-Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
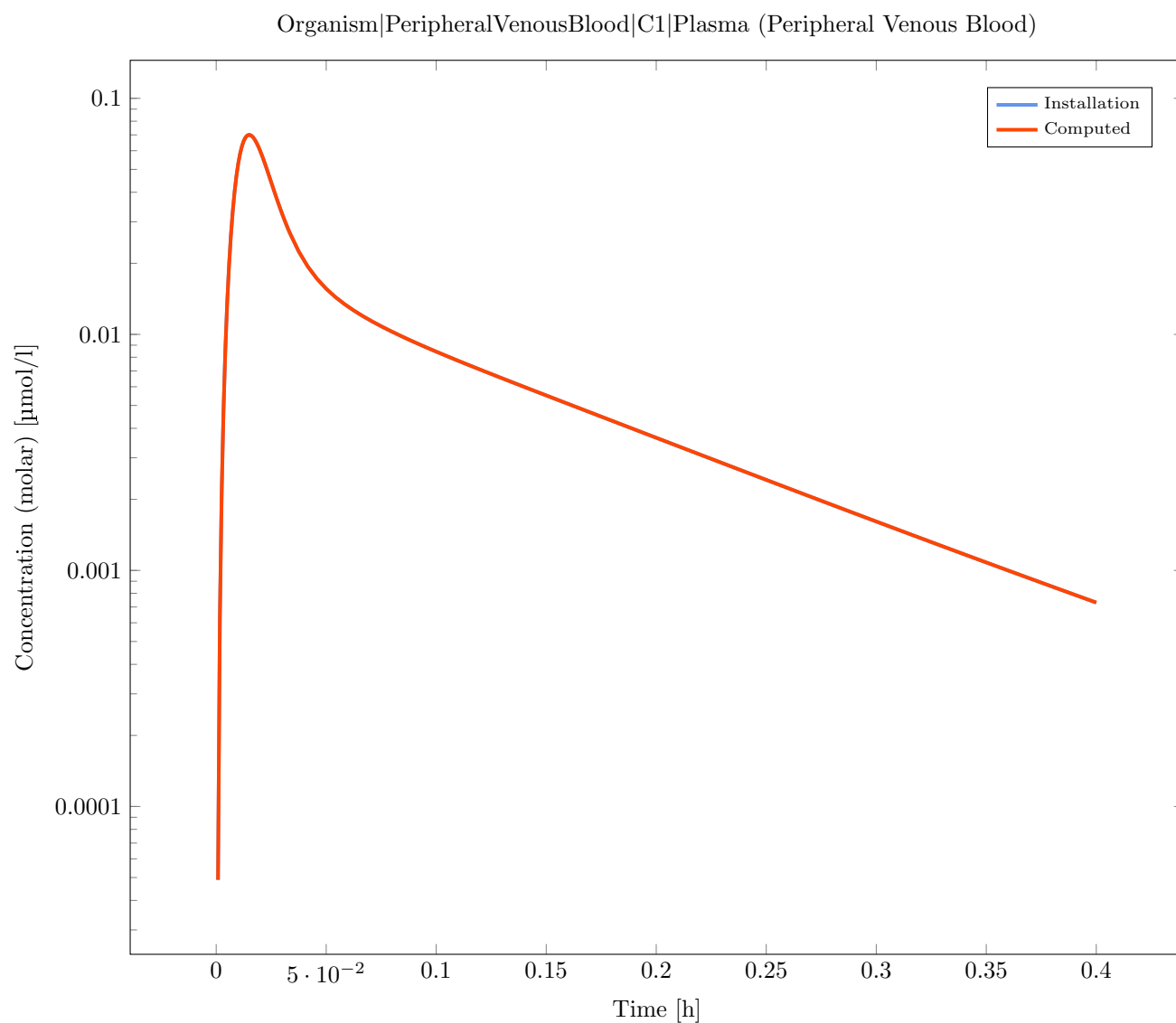Deviation: 2.87E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.82

Output Path: Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)
Deviation: 2.47E-4

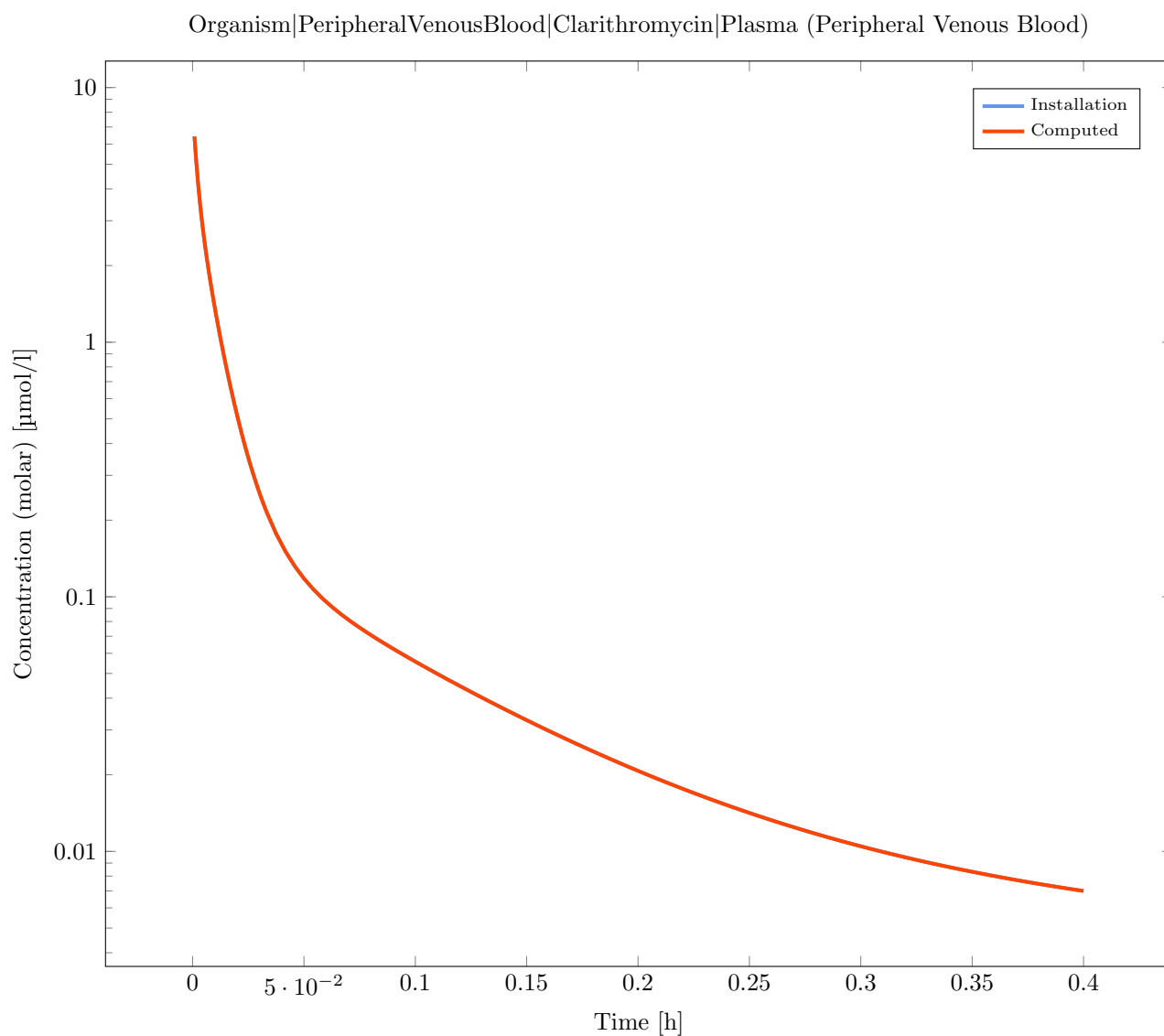Organism|PeripheralVenousBlood|Clarithromycin|Plasma (Peripheral Venous Blood)

Figure 1.83

Output Path: Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)
Deviation: 5.66E-4

Organism|PeripheralVenousBlood|Erythromycin|Plasma (Peripheral Venous Blood)

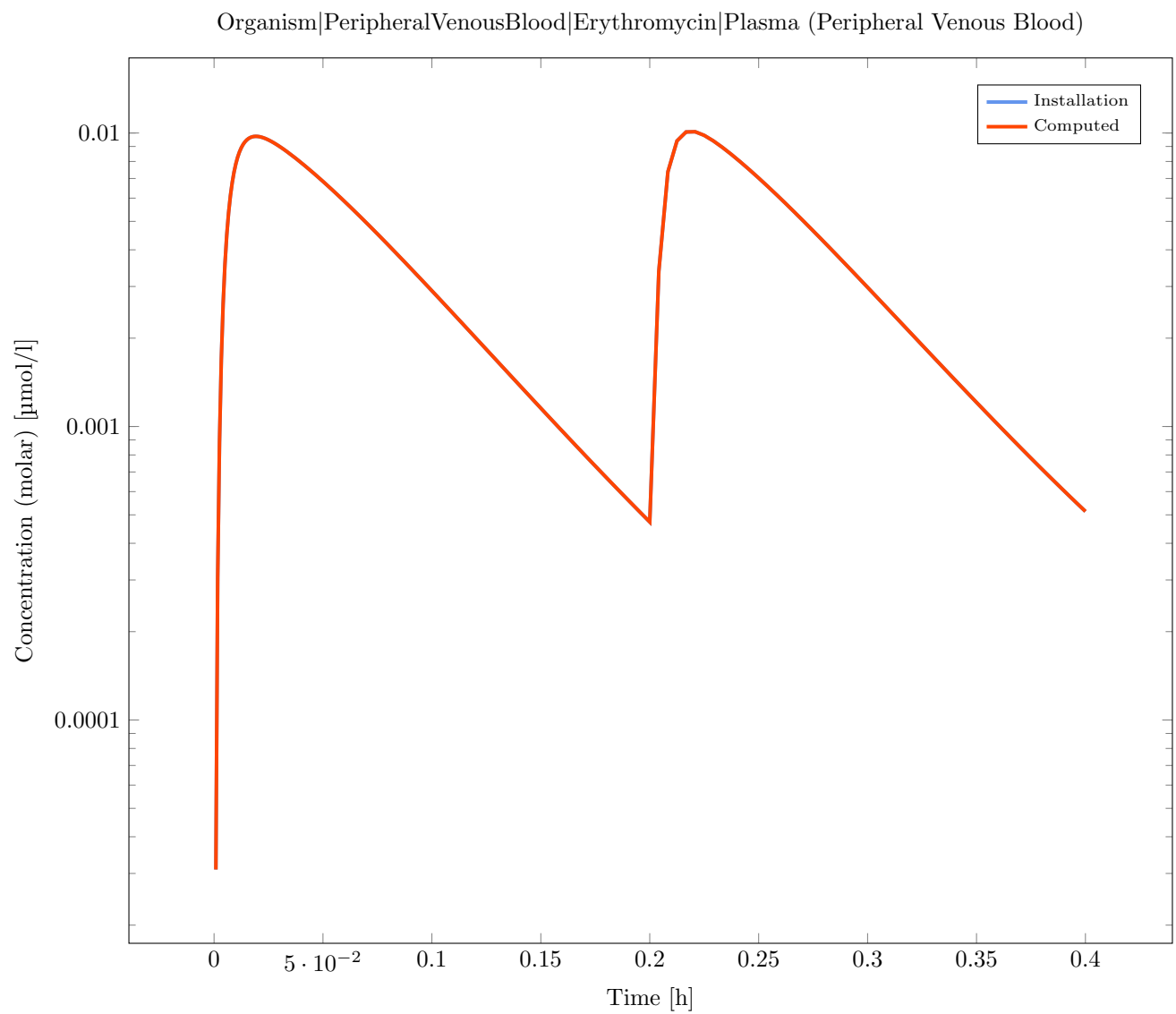**Figure 1.84**

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
Deviation: 3.19E-4

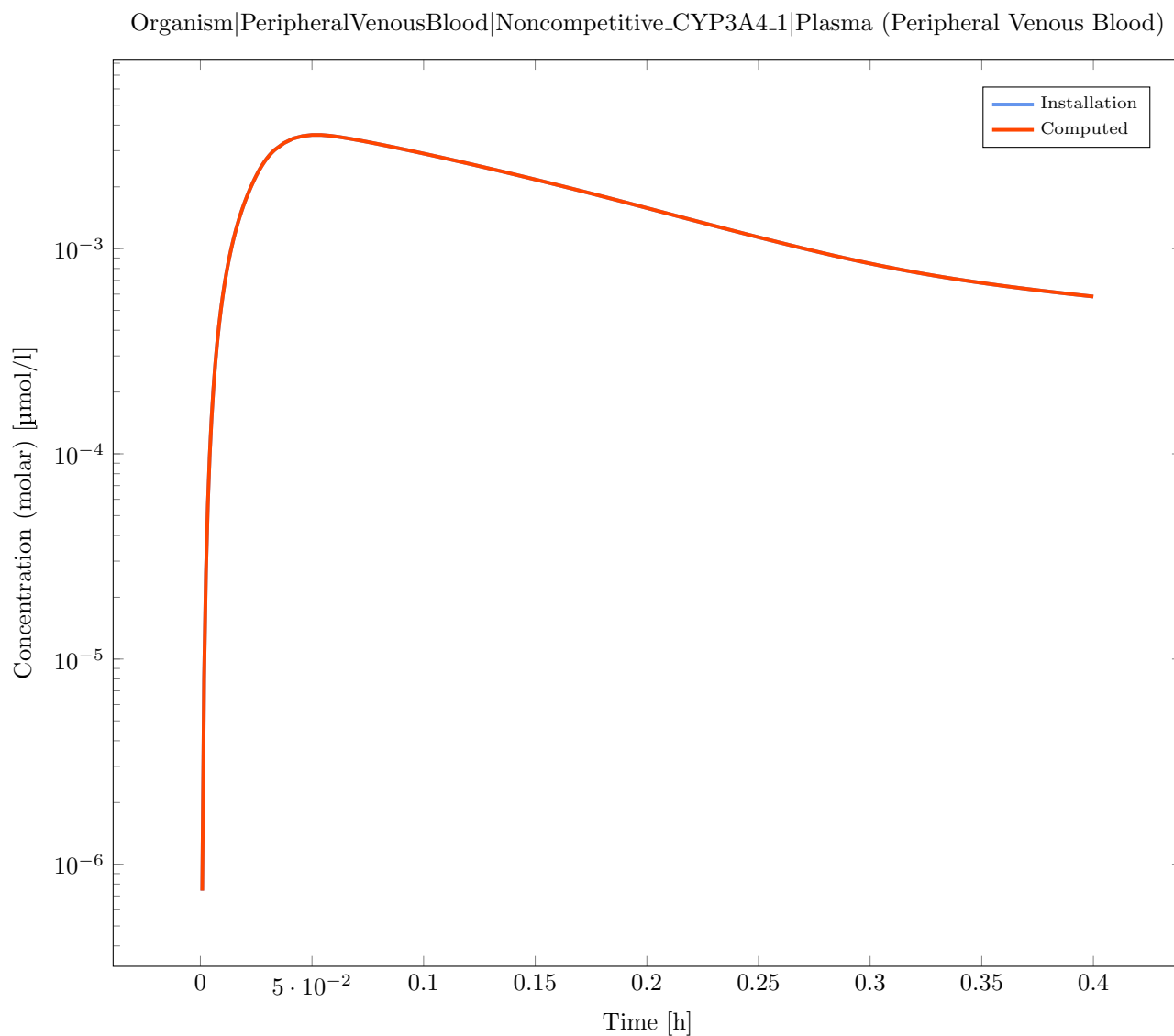Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.85

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)
Deviation: 3.27E-4

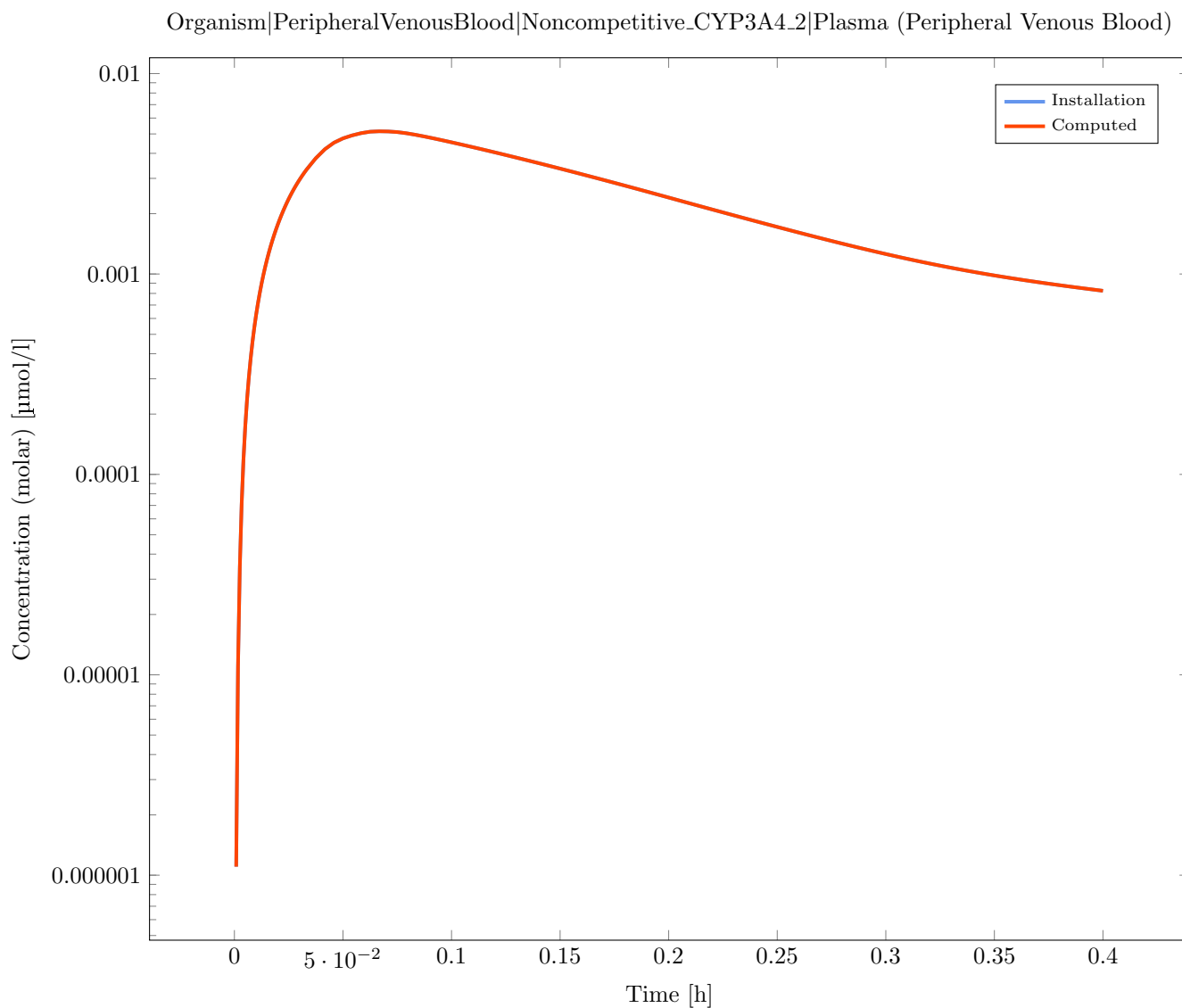Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_2|Plasma (Peripheral Venous Blood)

Figure 1.86

Simulation: DDI_MultipleCombinations-30_1st_Mixed_Mixed_Mechanismbased_Mechanismbased
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)
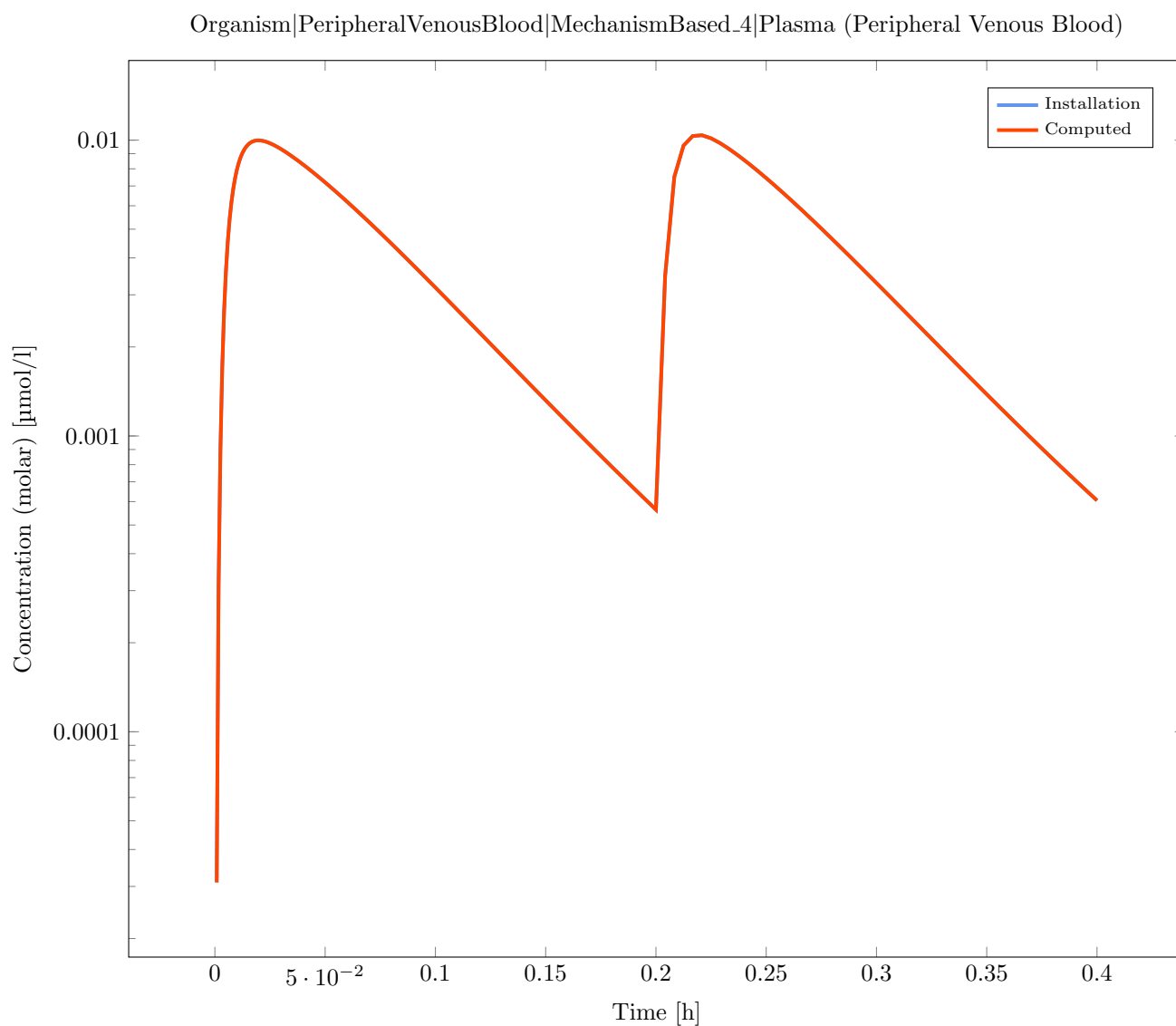Deviation: 5.63E-4

Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)

Figure 1.87

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 5.34E-4

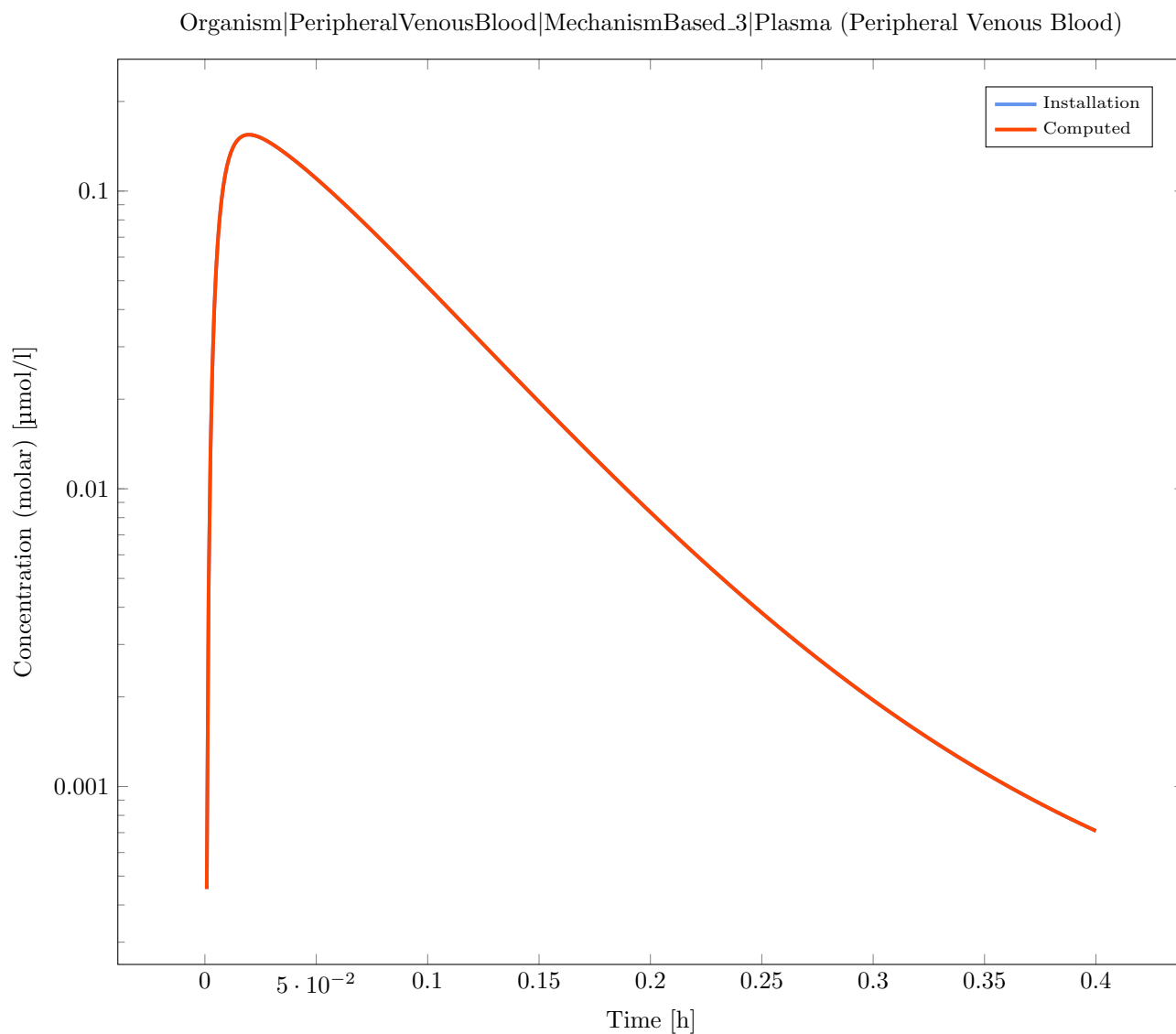Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

Figure 1.88

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_4|Plasma (Peripheral Venous Blood)
Deviation: 1.10E-4

Organism|PeripheralVenousBlood|Mixed_CYP3A4_4|Plasma (Peripheral Venous Blood)

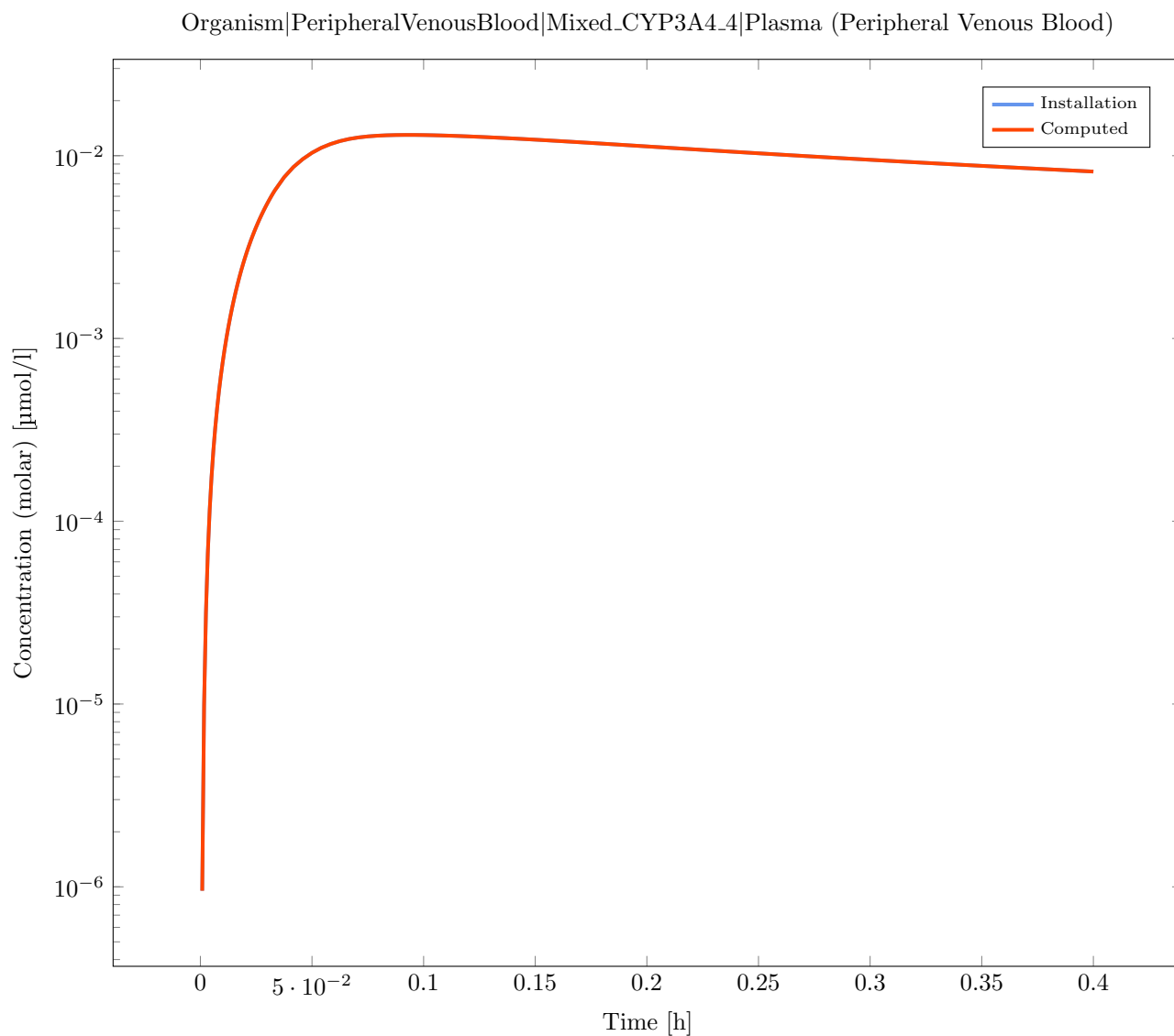**Figure 1.89**

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)
Deviation: 1.61E-4

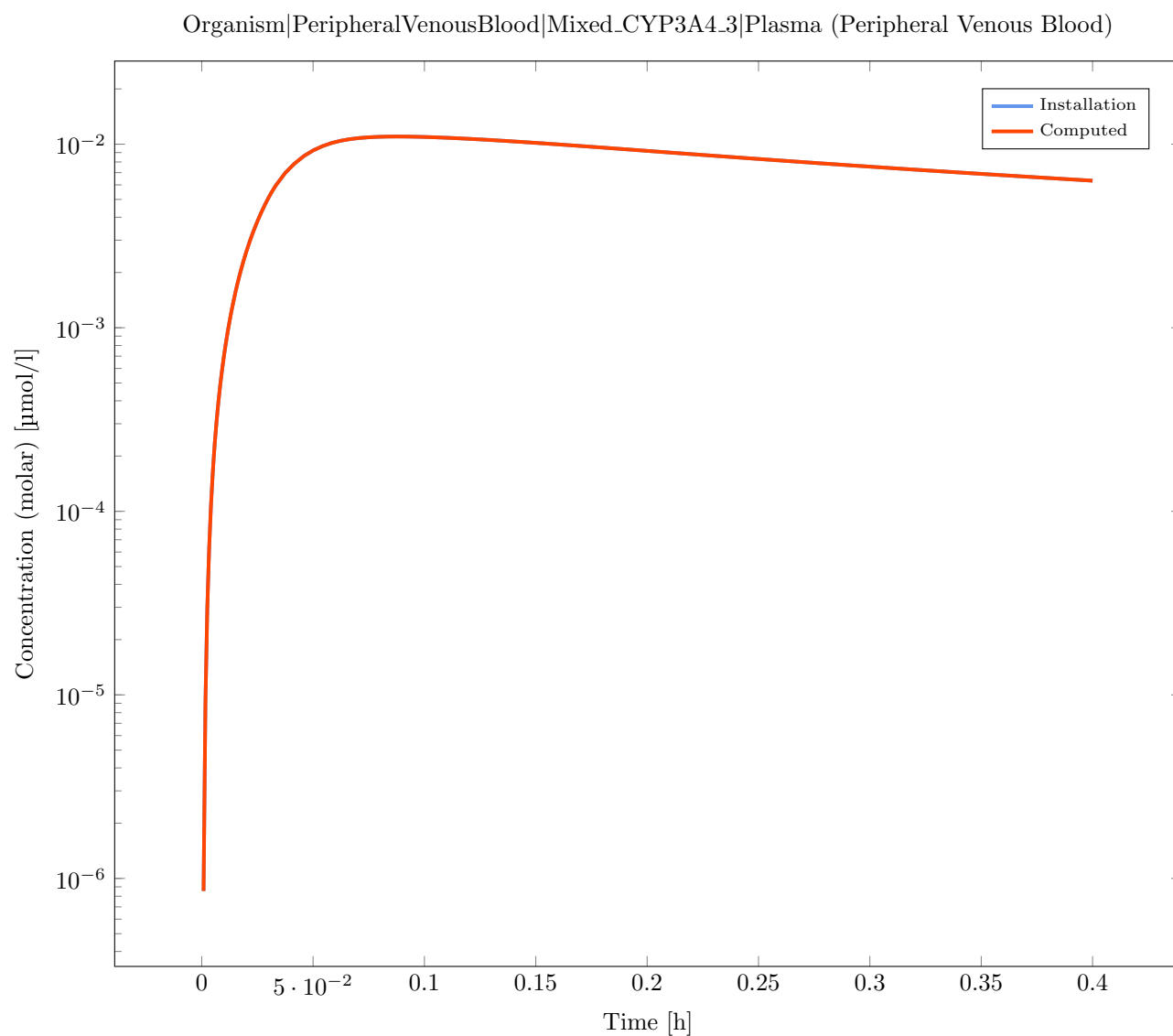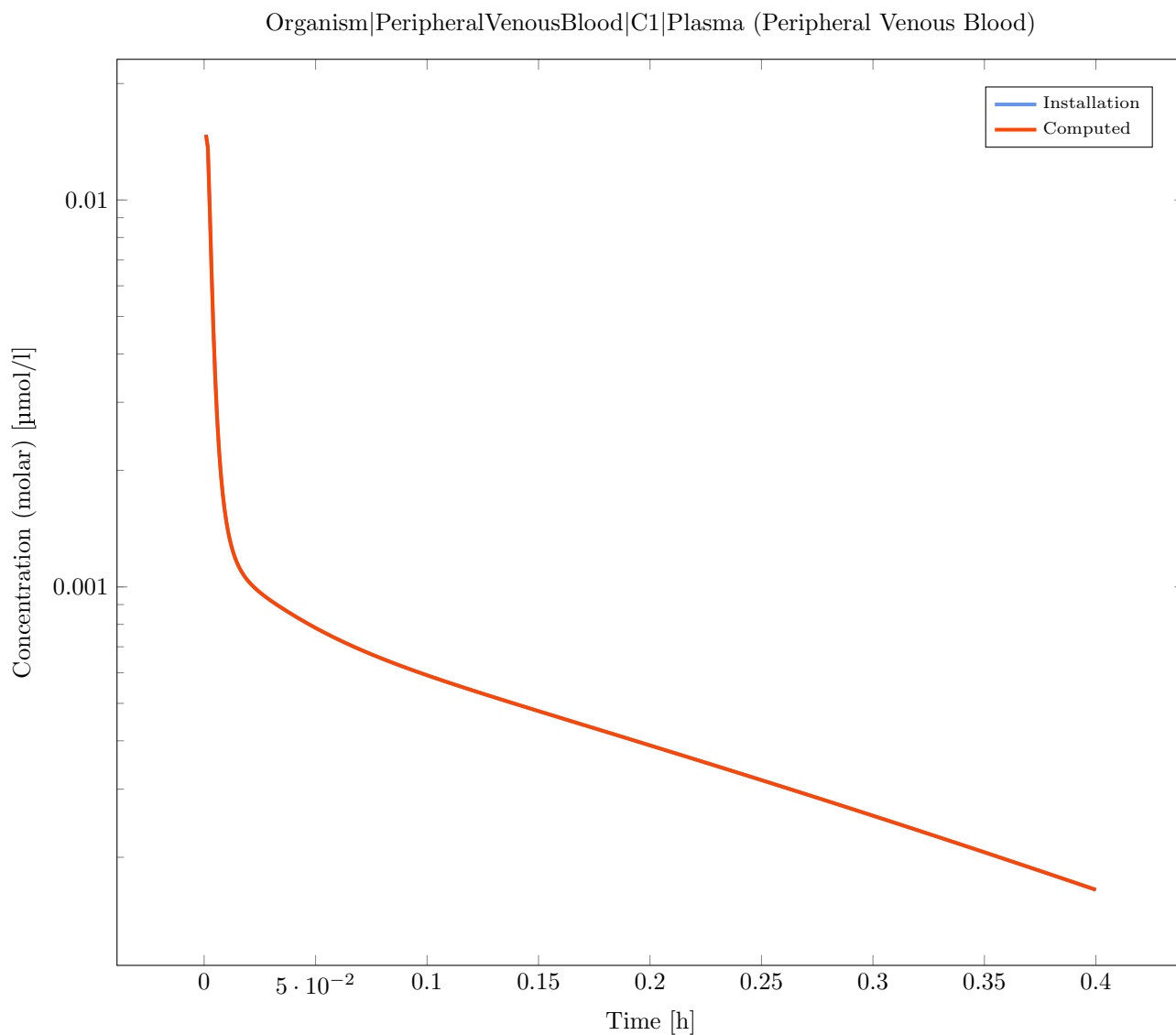Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)

Figure 1.90

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 6.75E-4

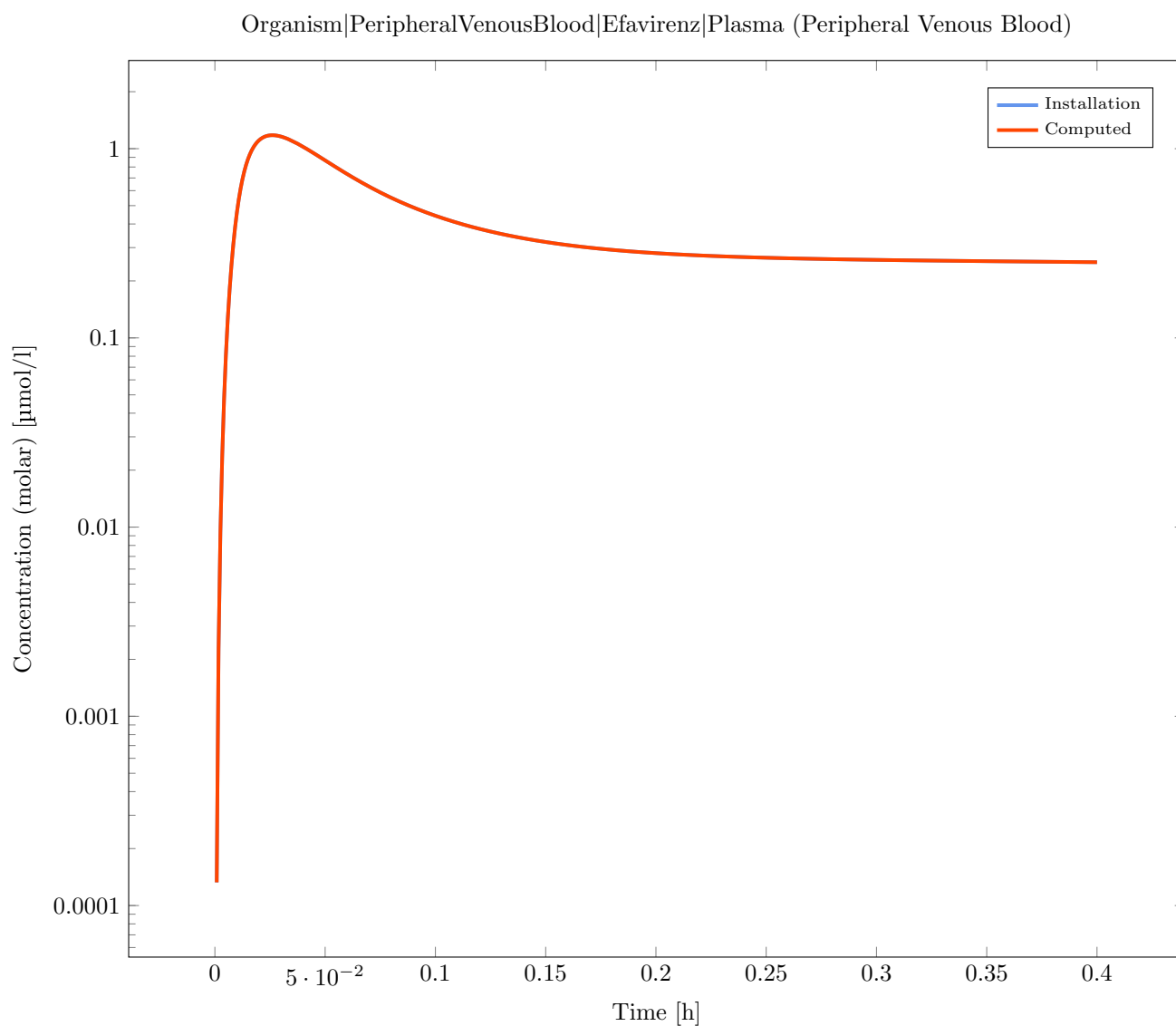Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.91

Simulation: DDI_MultipleCombinations-31_1st_Mechanismbased_Mechanismbased_Induction_Induction
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)
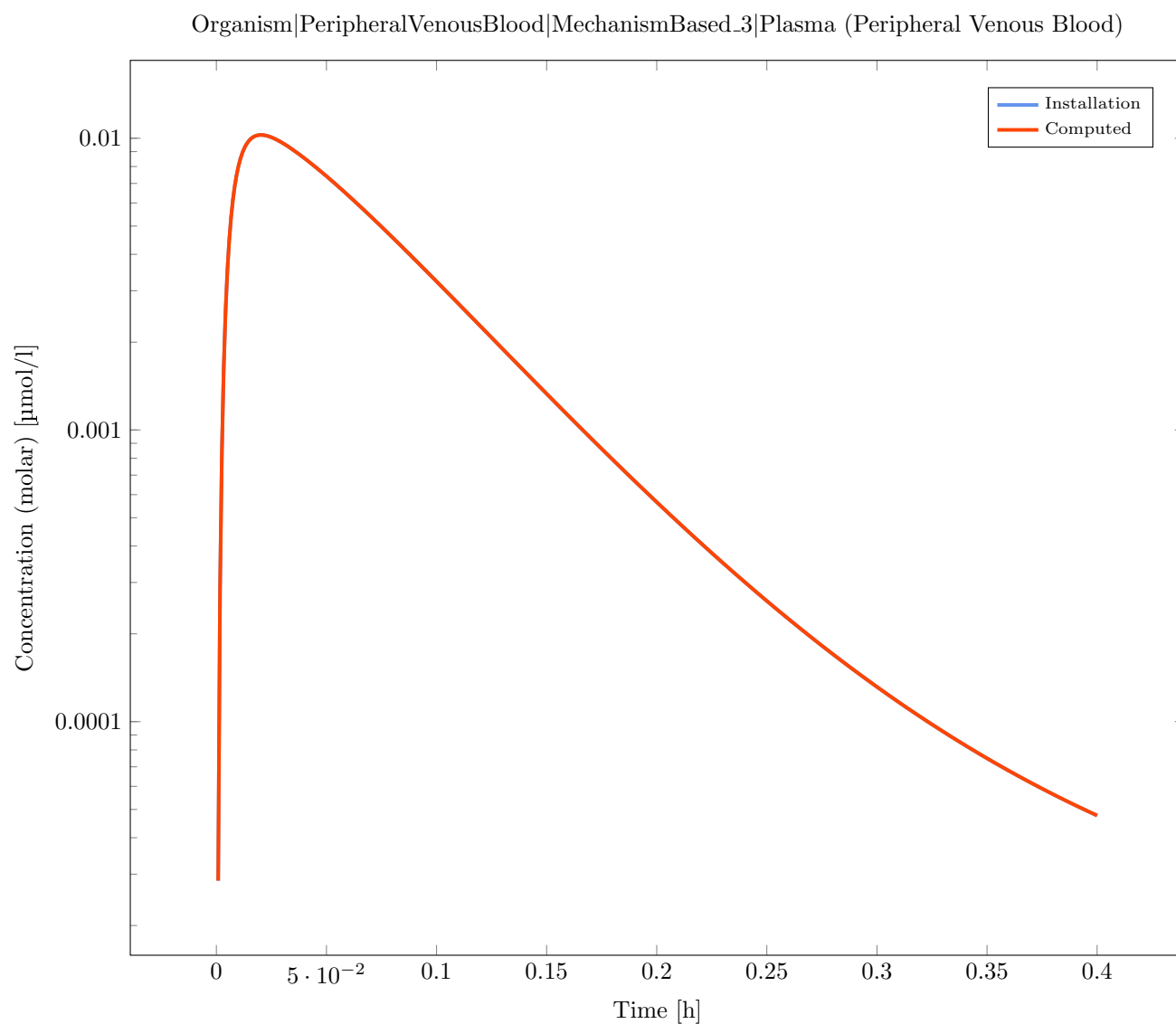Deviation: 1.71E-4

Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)

Figure 1.92

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 6.12E-4

Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

Figure 1.93

Output Path: Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)
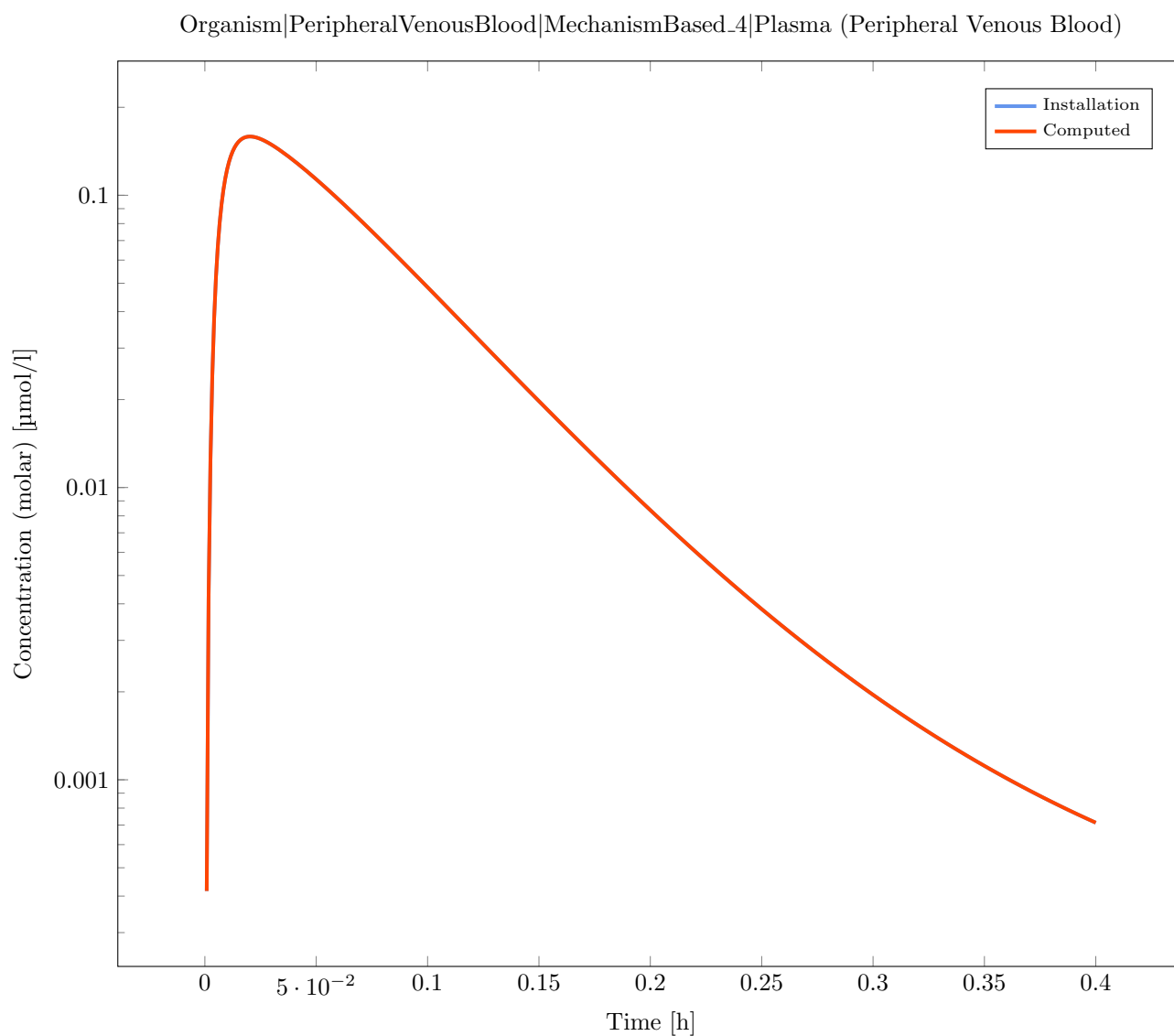Deviation: 6.14E-4

Organism|PeripheralVenousBlood|MechanismBased_4|Plasma (Peripheral Venous Blood)

Figure 1.94

Output Path: Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)
Deviation: 4.48E-4

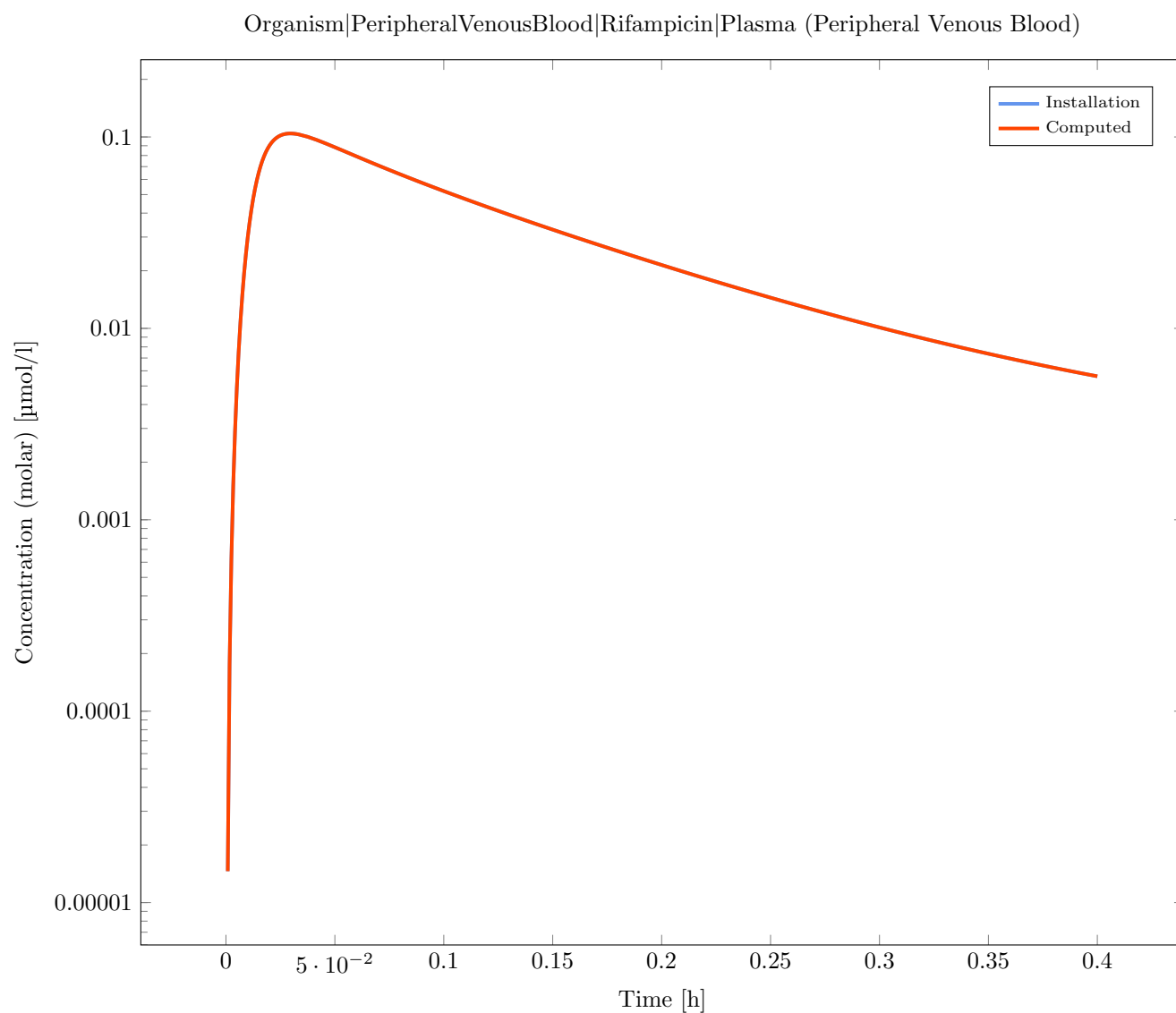Organism|PeripheralVenousBlood|Rifampicin|Plasma (Peripheral Venous Blood)

Figure 1.95

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 5.55E-4

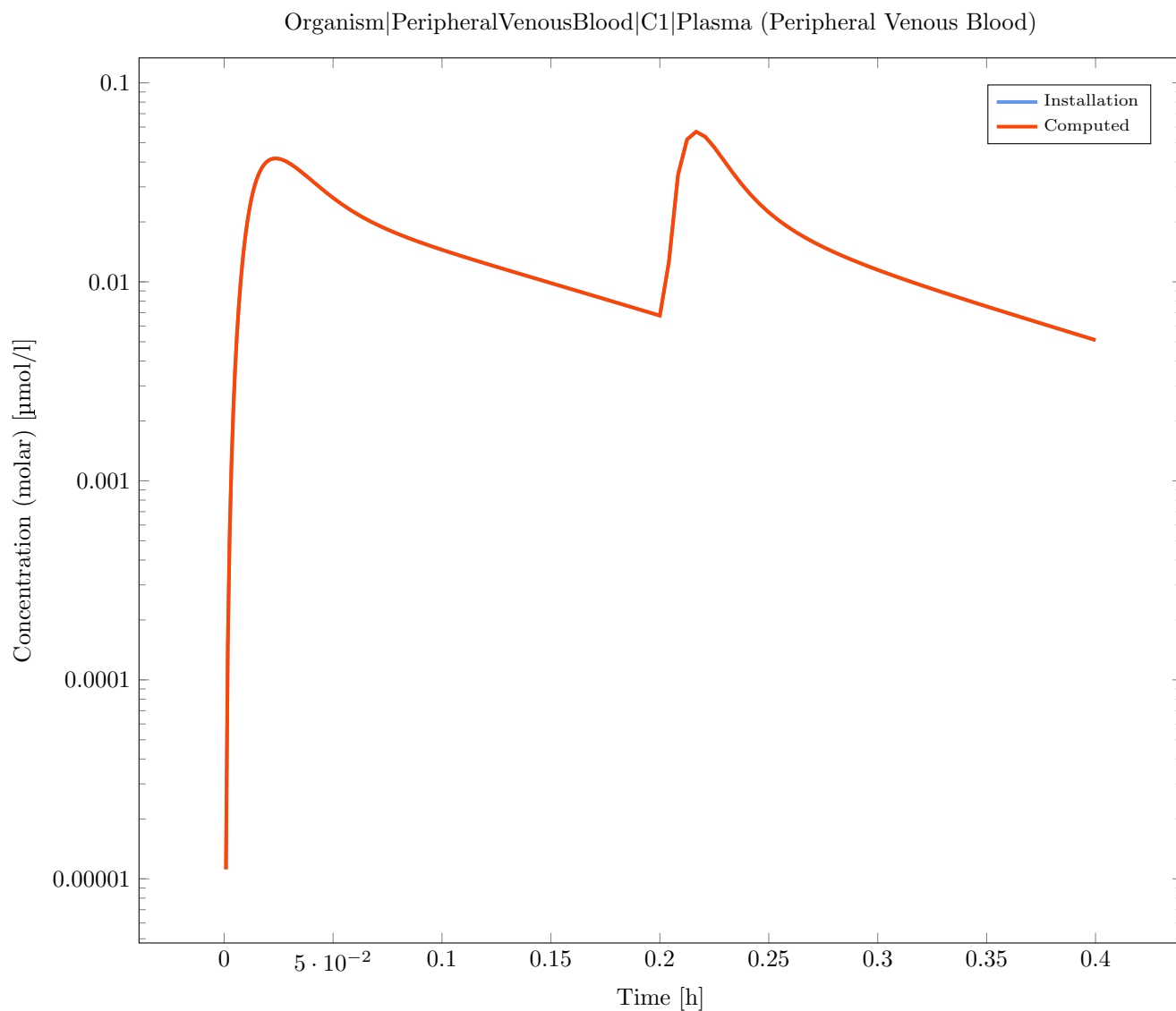Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.96

Simulation: DDI_MultipleCombinations-32_1st_All_DDI_Types
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)
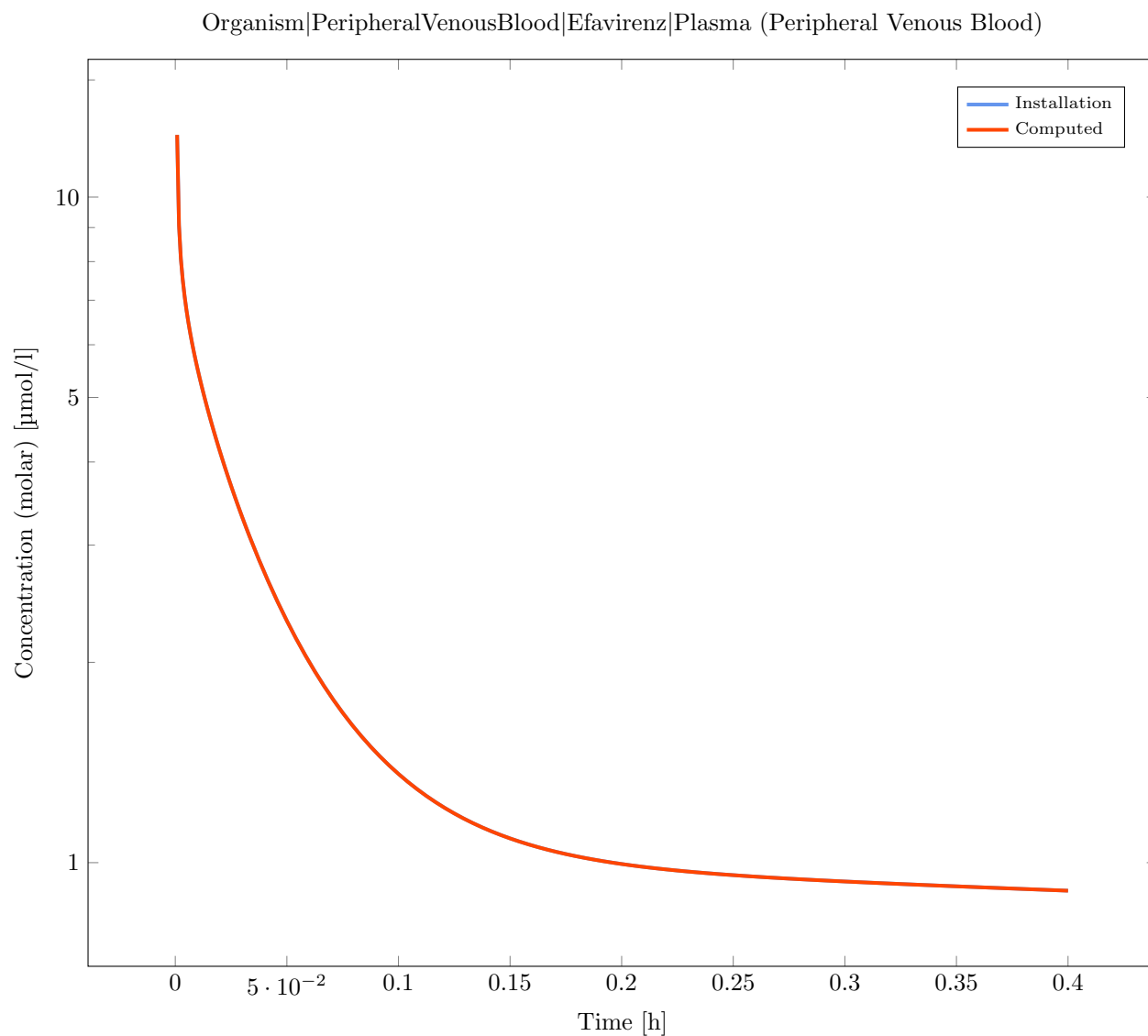Deviation: 1.92E-4

Organism|PeripheralVenousBlood|Efavirenz|Plasma (Peripheral Venous Blood)

Figure 1.97

Output Path: Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)
Deviation: 3.13E-4

Organism|PeripheralVenousBlood|Fluvoxamine|Plasma (Peripheral Venous Blood)

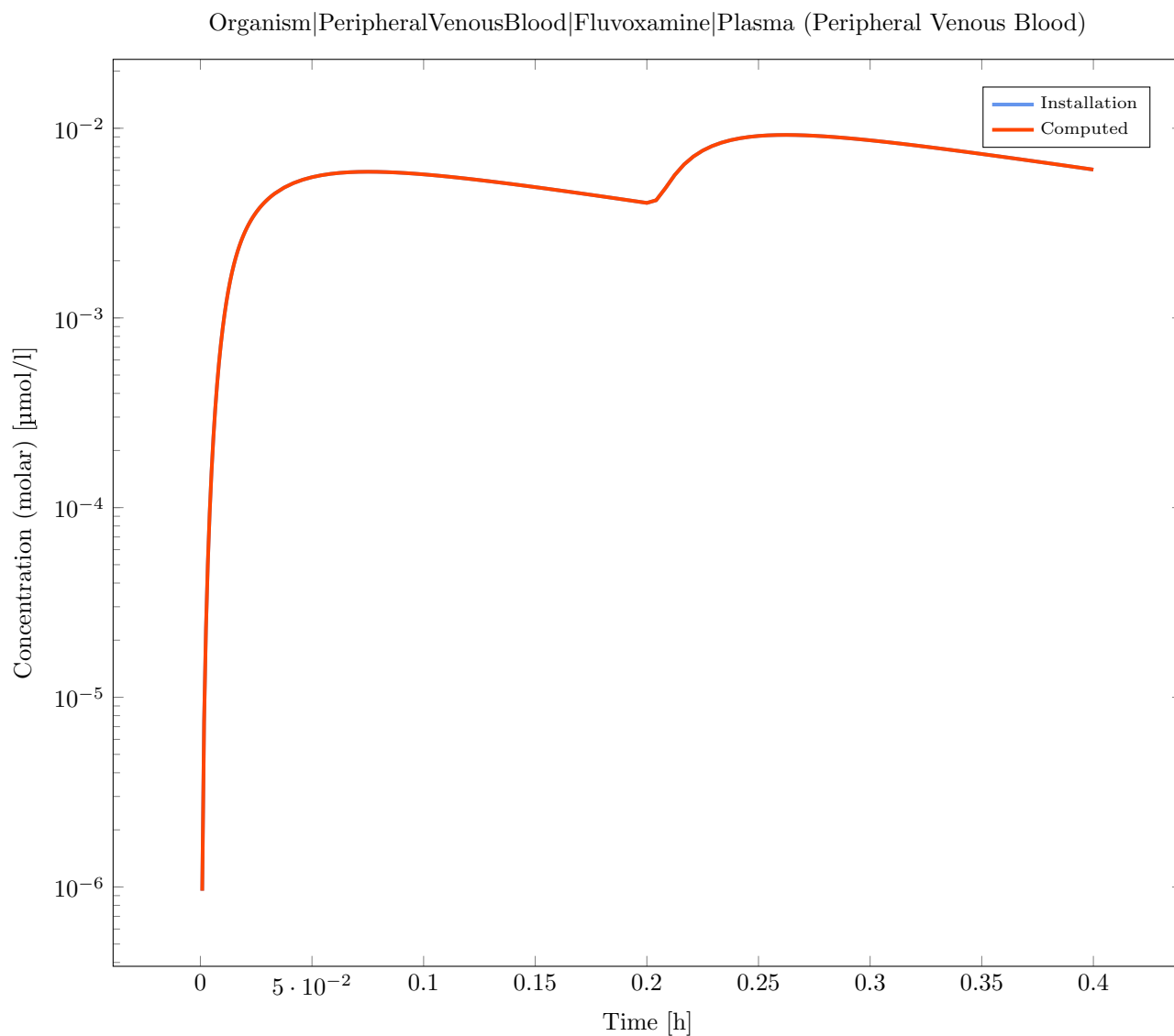**Figure 1.98**

Output Path: Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)
Deviation: 5.98E-4

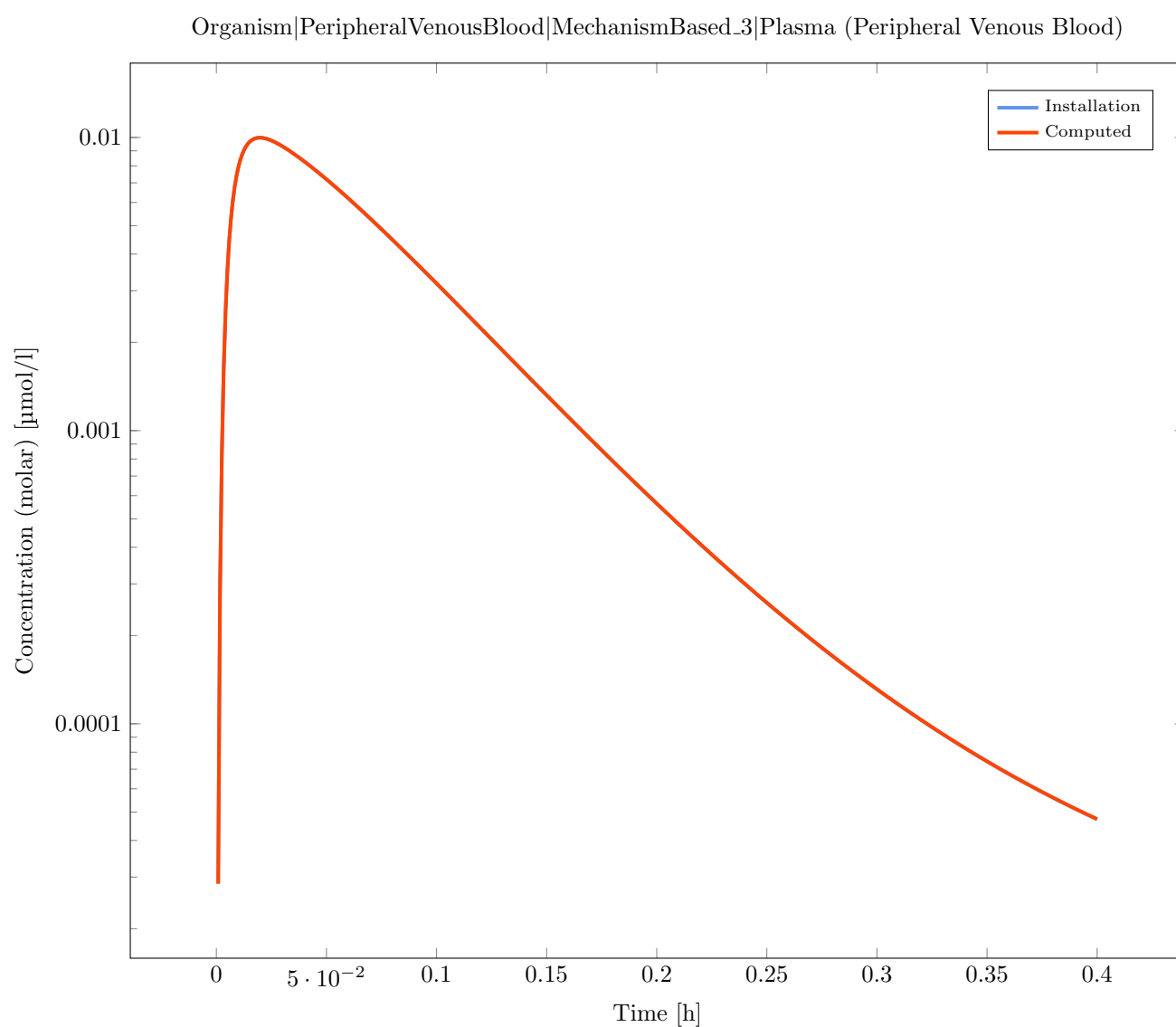Organism|PeripheralVenousBlood|MechanismBased_3|Plasma (Peripheral Venous Blood)

Figure 1.99

Output Path: Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)
Deviation: 4.17E-4

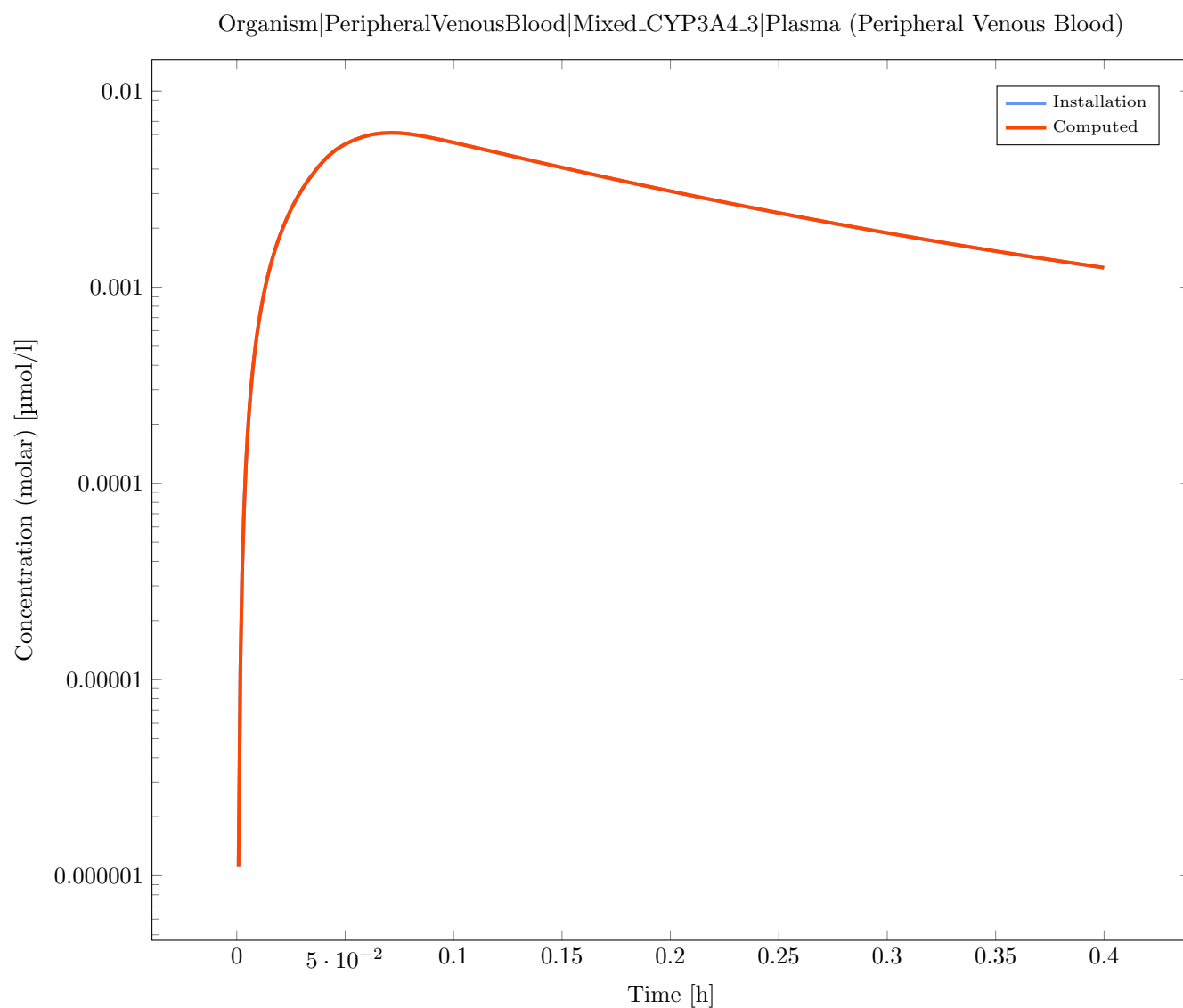Organism|PeripheralVenousBlood|Mixed_CYP3A4_3|Plasma (Peripheral Venous Blood)

Figure 1.100

Output Path: Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)
Deviation: 4.97E-4

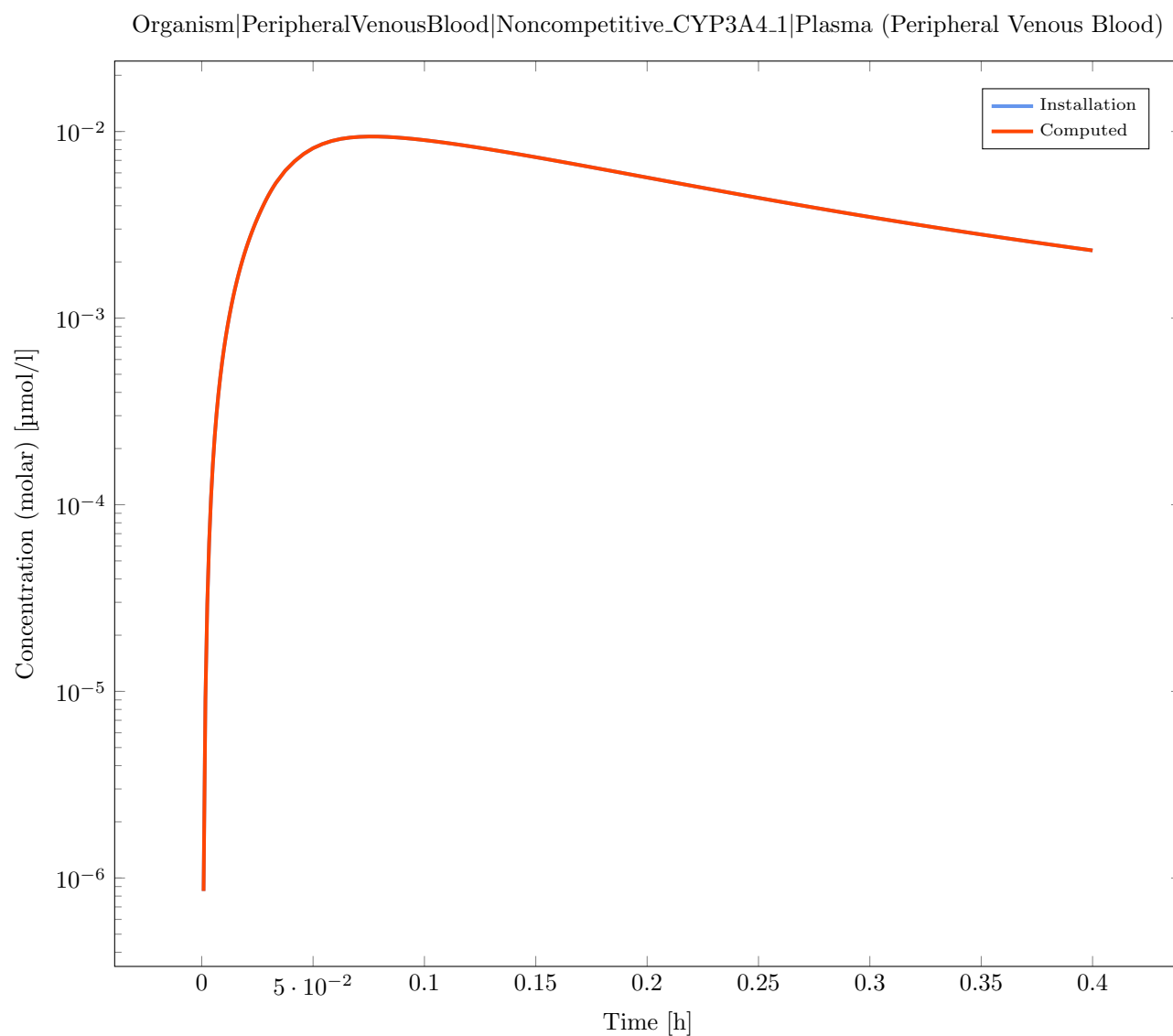Organism|PeripheralVenousBlood|Noncompetitive_CYP3A4_1|Plasma (Peripheral Venous Blood)

Figure 1.101

Output Path: Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)
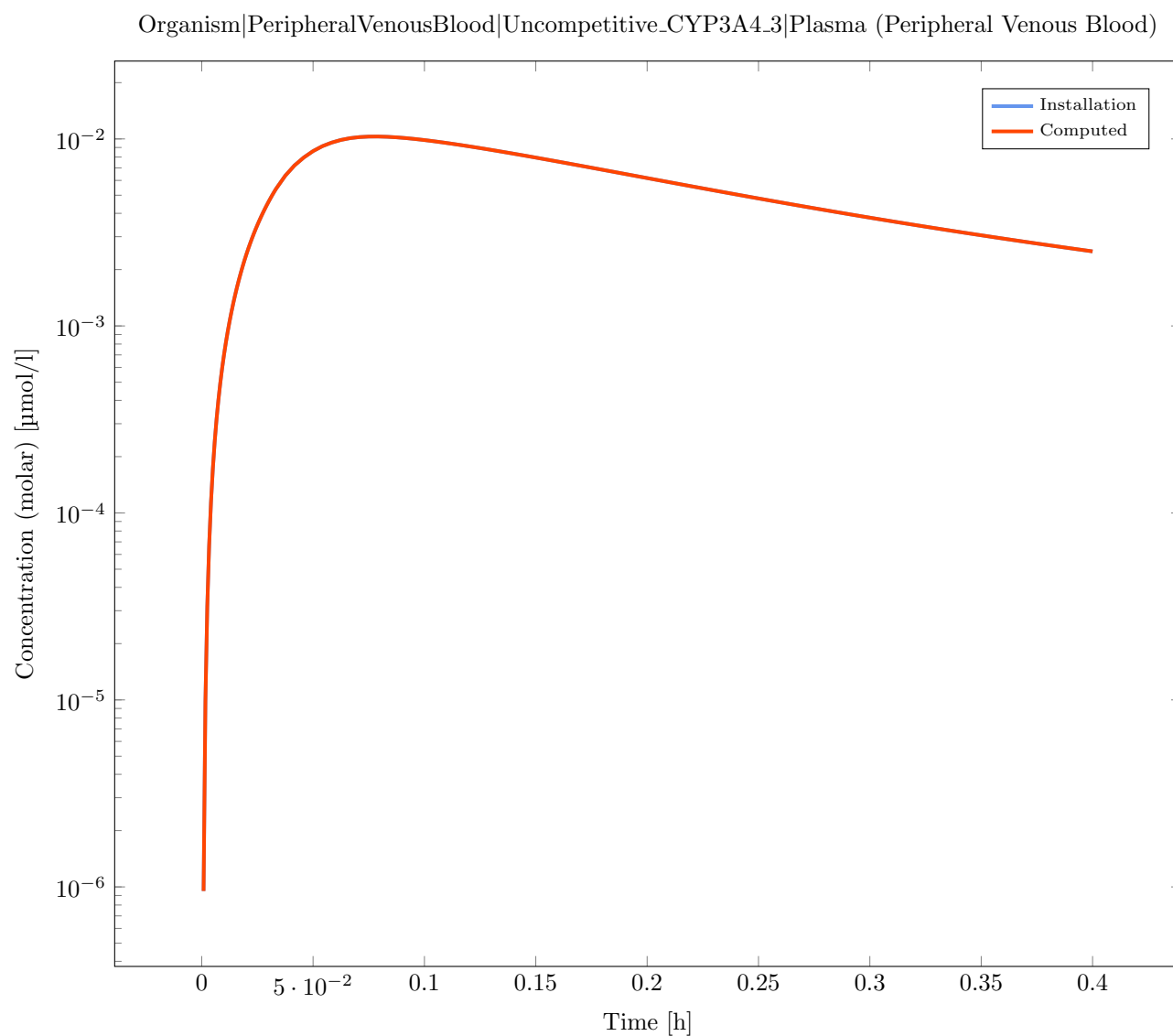Deviation: 5.01E-4

Organism|PeripheralVenousBlood|Uncompetitive_CYP3A4_3|Plasma (Peripheral Venous Blood)

Figure 1.102

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 6.86E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

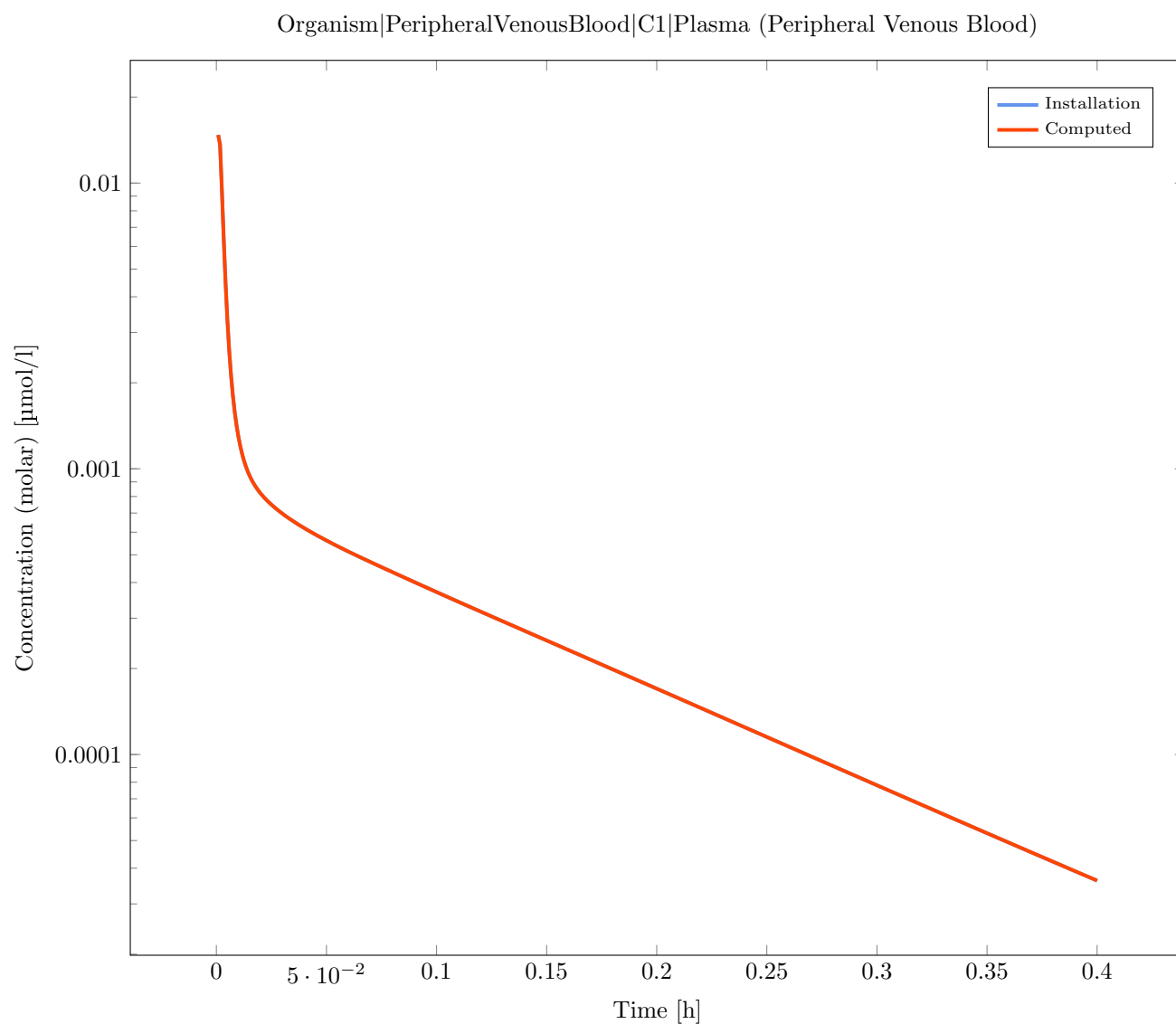**Figure 1.103**

Simulation: Dog_MultiORAL_12_12_Dissolved-Dog_MultiORAL_12_12_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

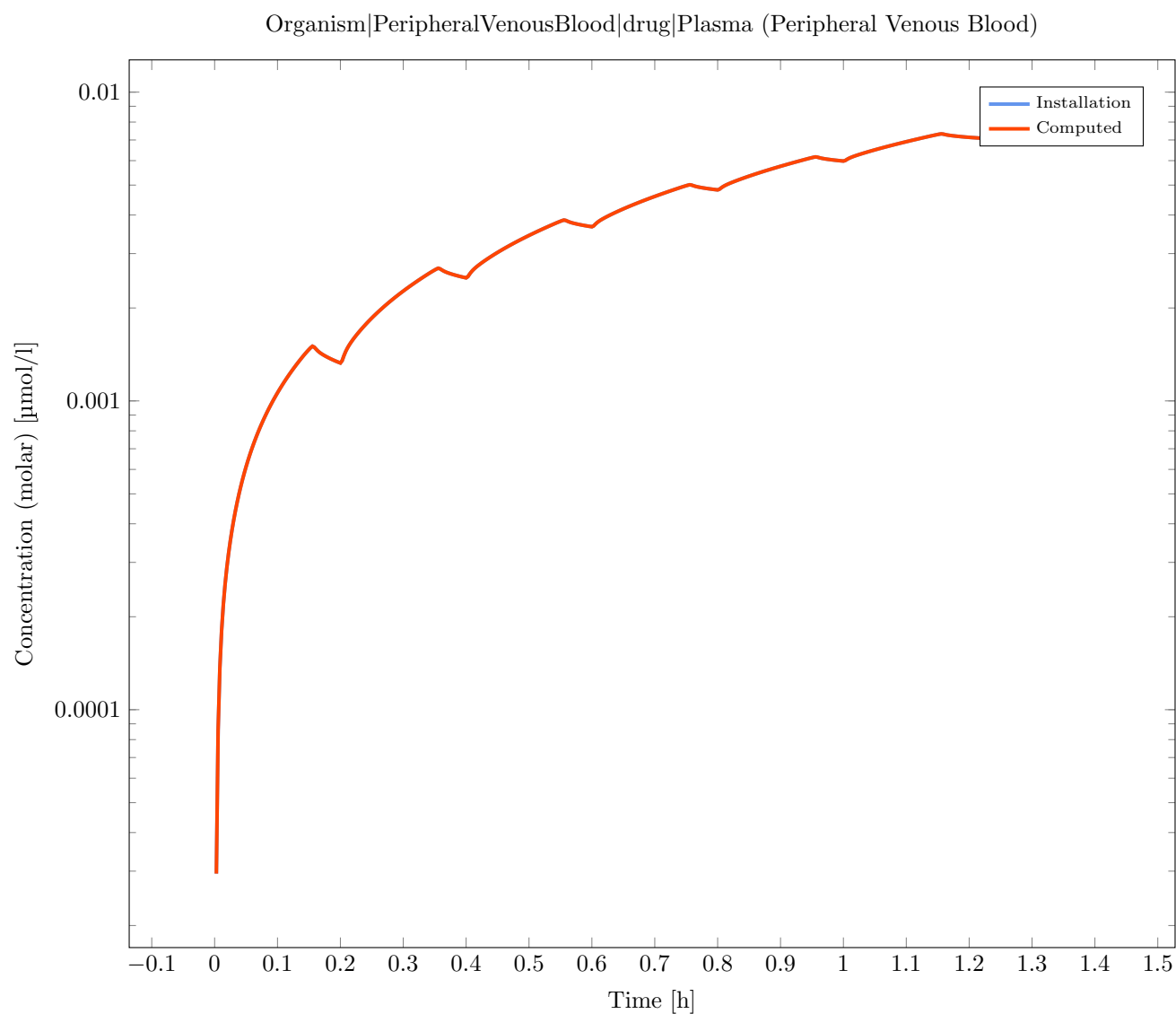**Figure 1.104**

Simulation: Dog_MultiORAL_24_Dissolved-Dog_MultiORAL_24_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

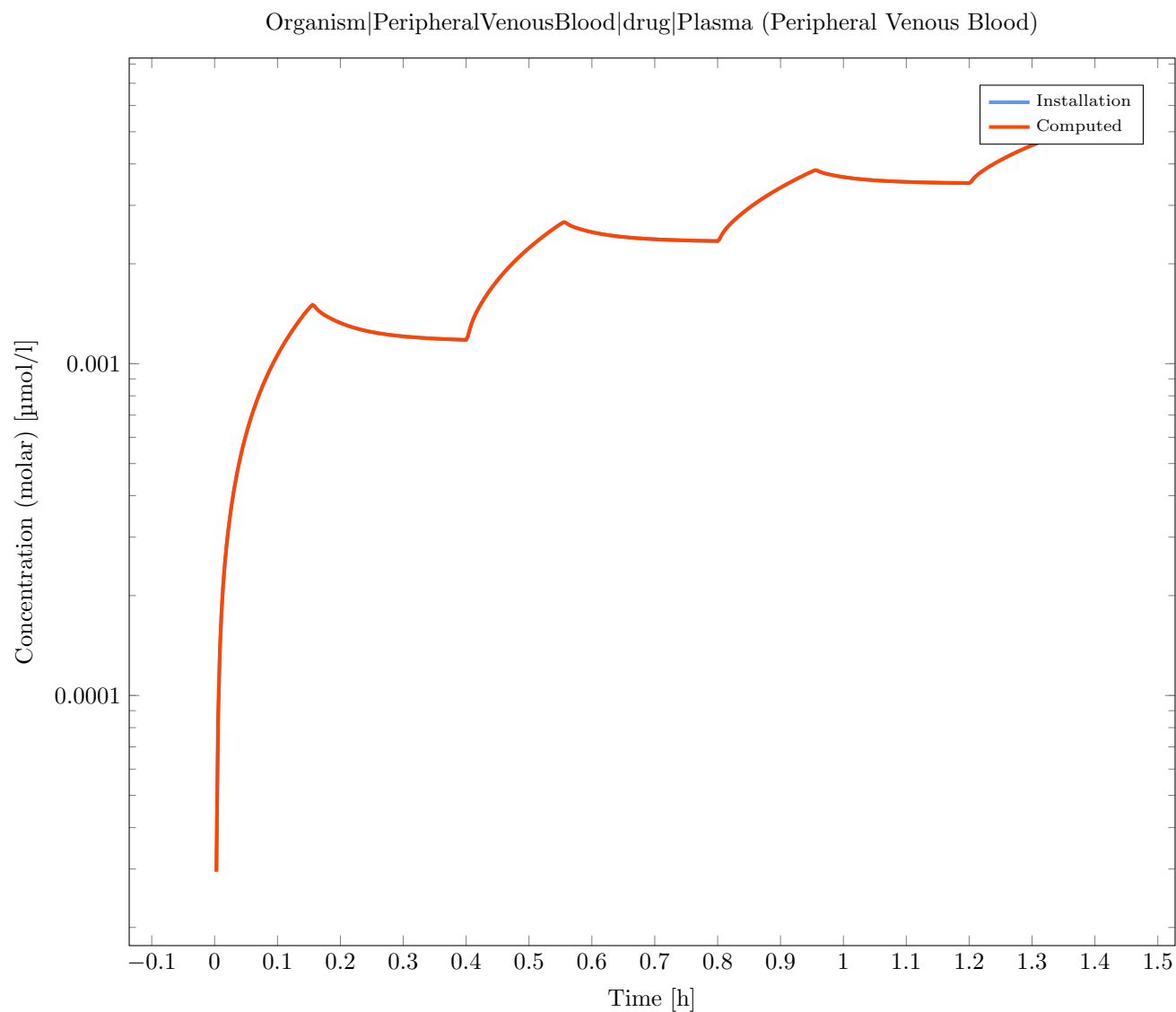Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.105

Simulation: European_SingleORAL_Age_0_CYP3A4-European_SingleORAL_Age_0_CYP3A4
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 3.40E-6

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.106

Simulation: European_SingleORAL_Age_0_GFR-European_SingleORAL_Age_0_GFR
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 8.37E-7

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.107

Simulation: European_SingleORAL_Age_1_CYP3A4-European_SingleORAL_Age_1_CYP3A4
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
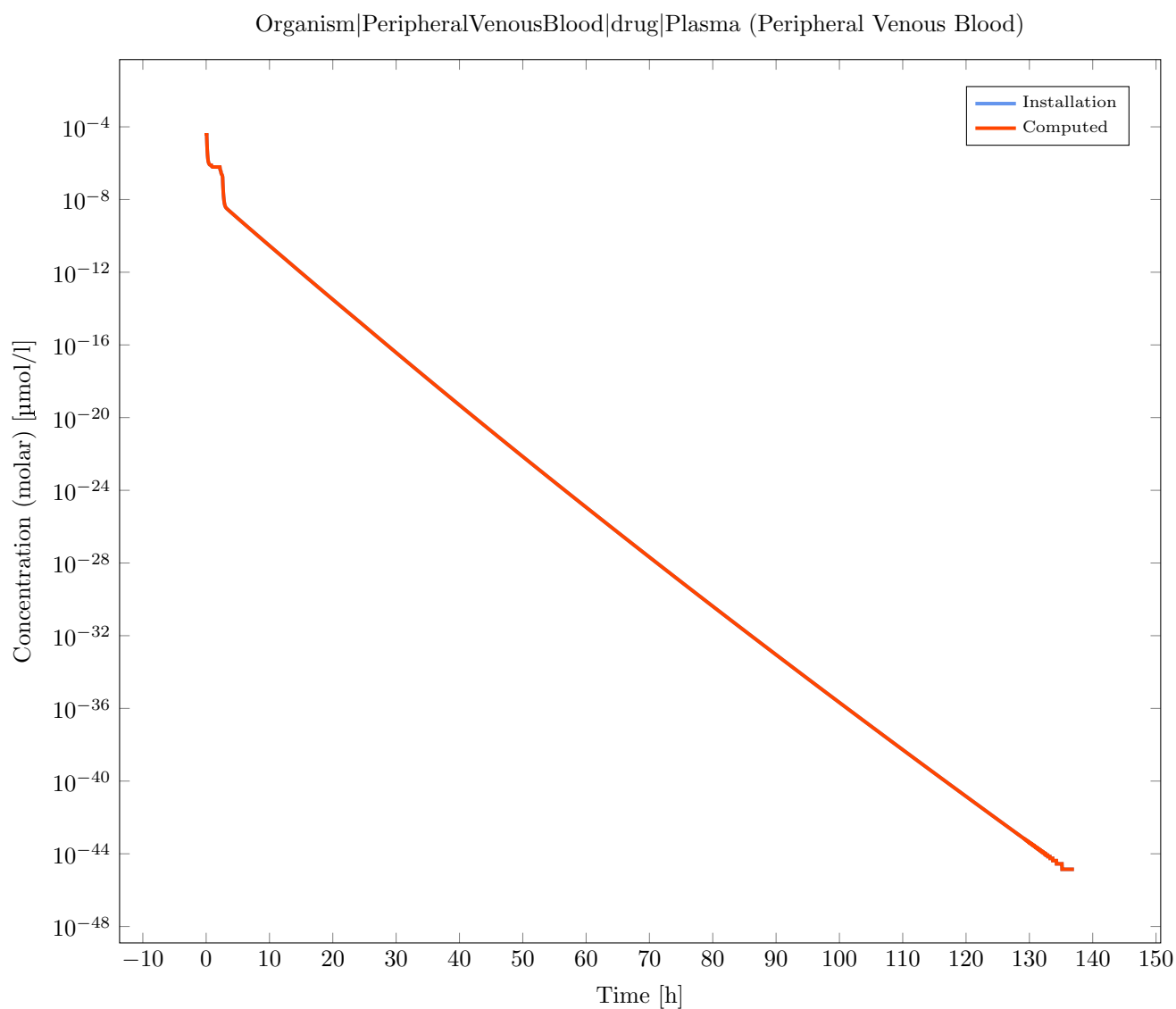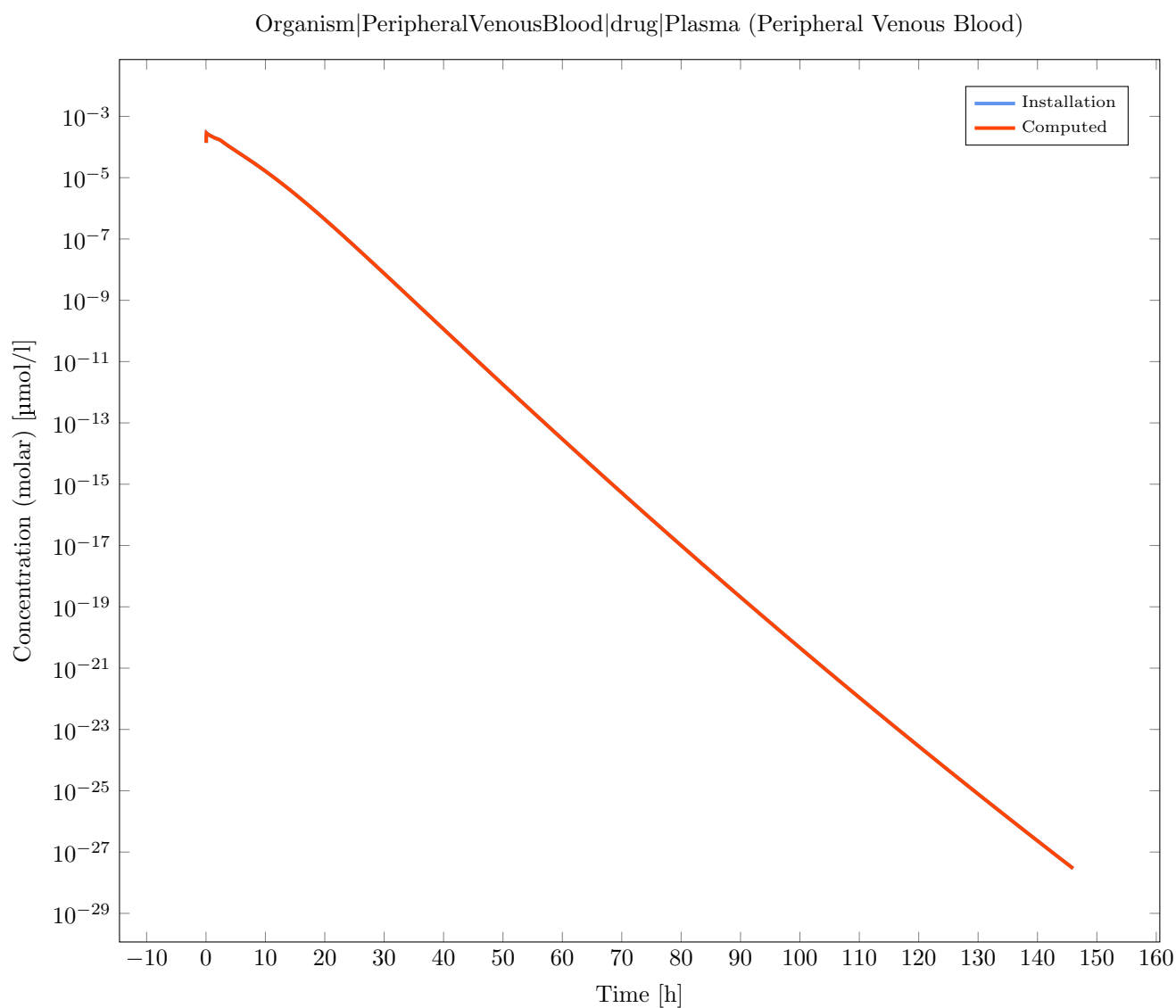Deviation: 1.82E-6

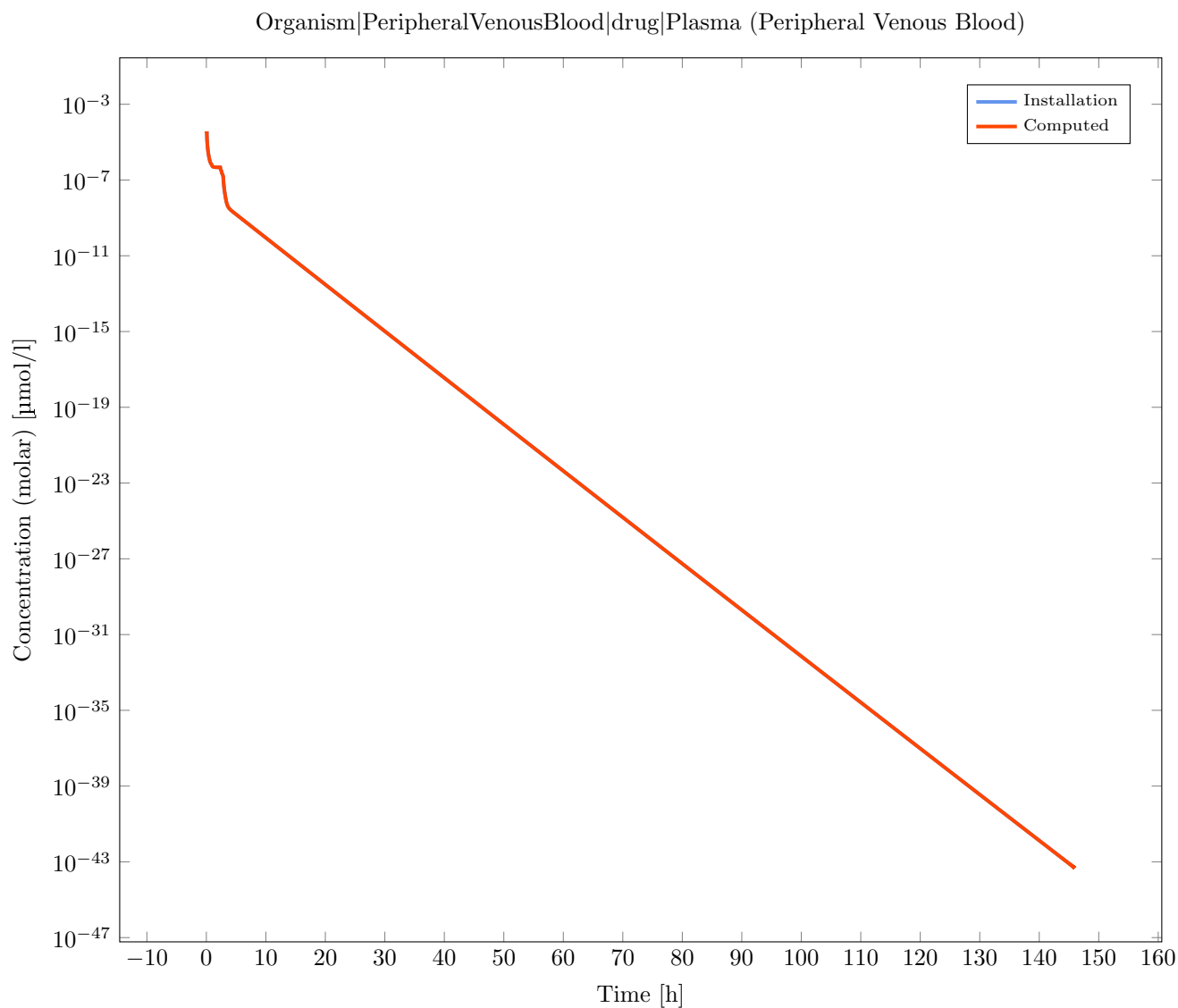Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.108

Simulation: European_SingleORAL_Age_1_GFR-European_SingleORAL_Age_1_GFR
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.19E-7

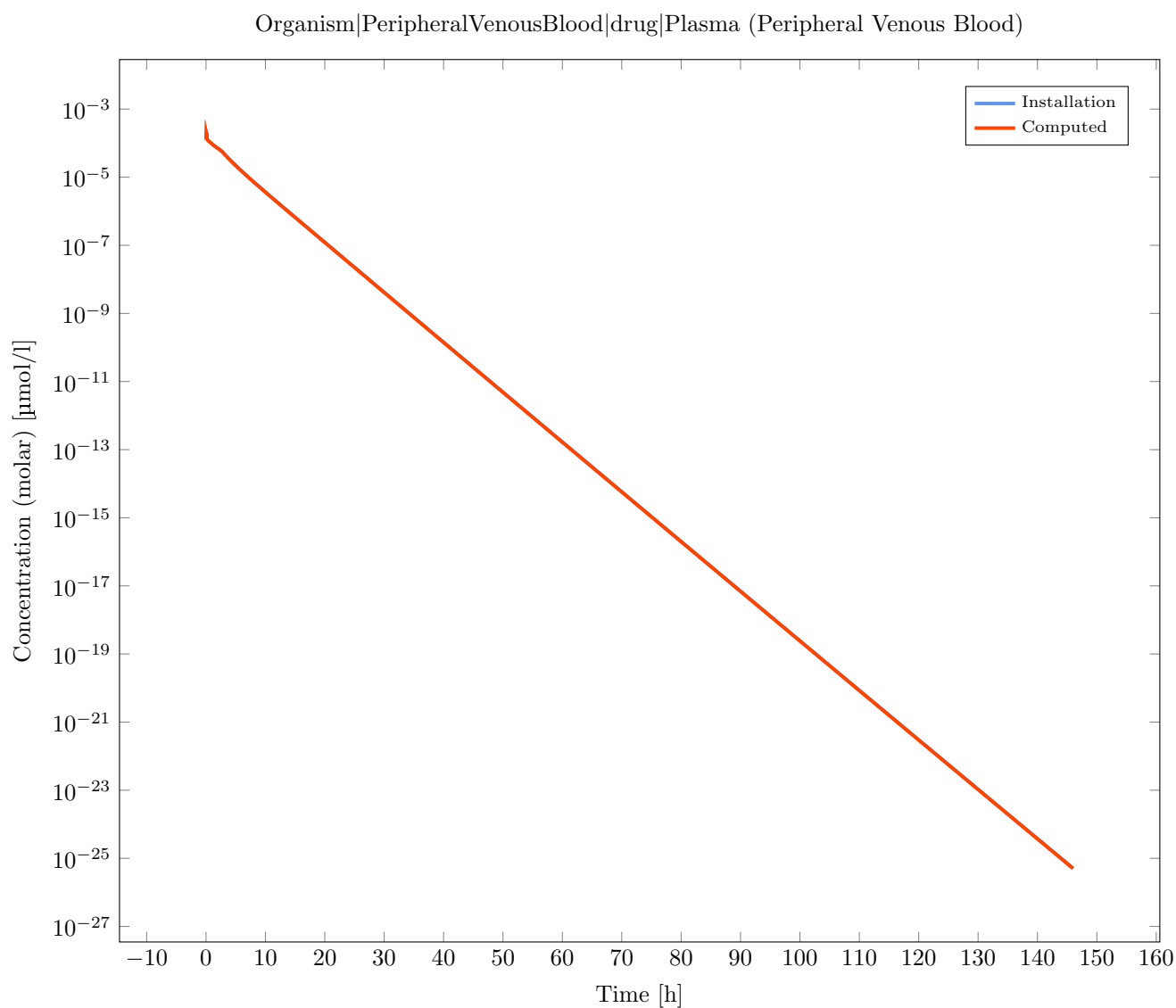Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.109

Simulation: Human_CompetitiveInhibition-Human_CompetitiveInhibition
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
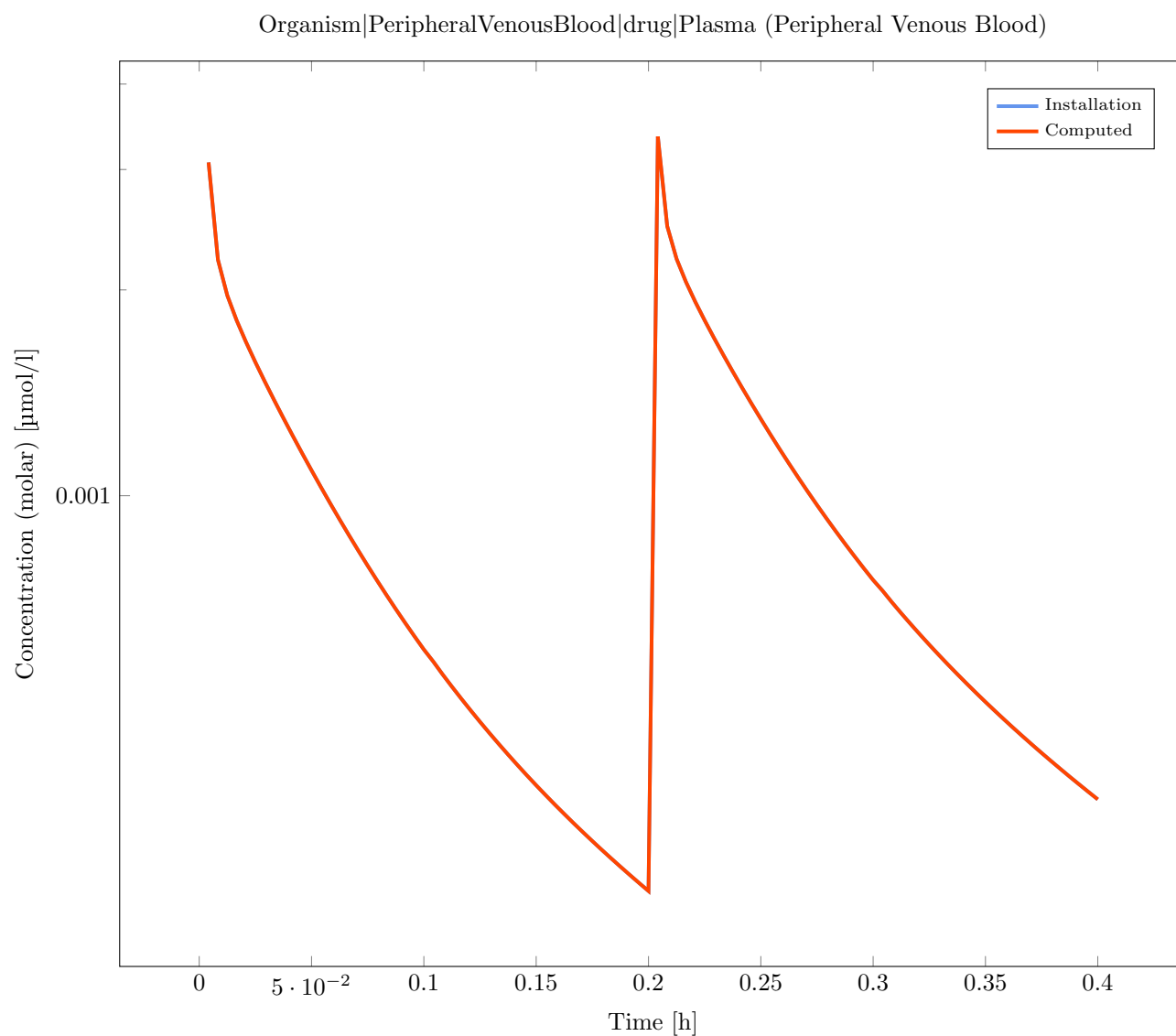Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.110

Output Path: Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)

Figure 1.111

Simulation: Human_ICRP_AGP-01_ICRP_0y_Male
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 0

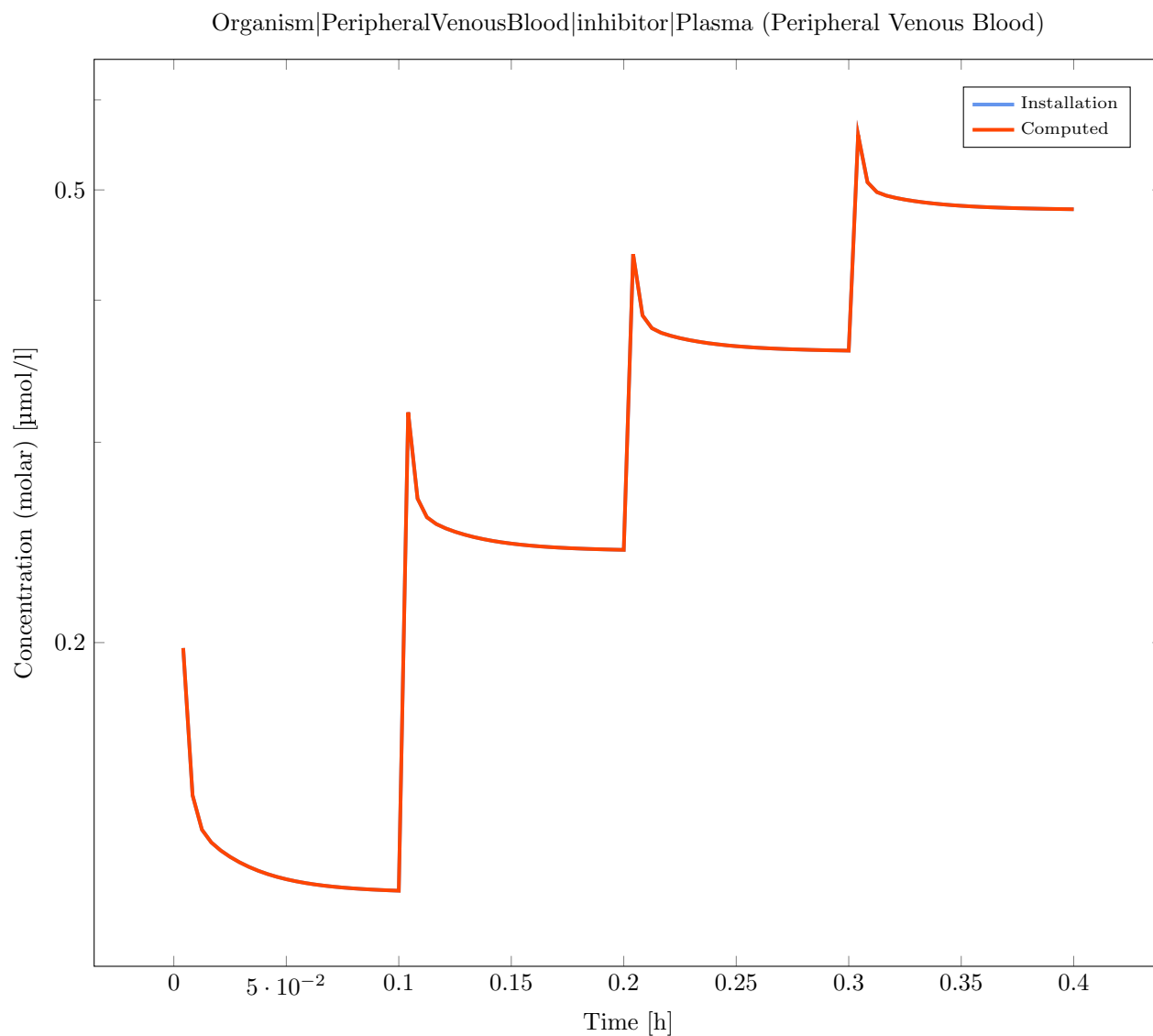Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.112

Simulation: Human_ICRP_AGP-02_ICRP_0.05y_Female
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.113

Simulation: Human_ICRP_AGP-03_ICRP_0.18y_Male
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
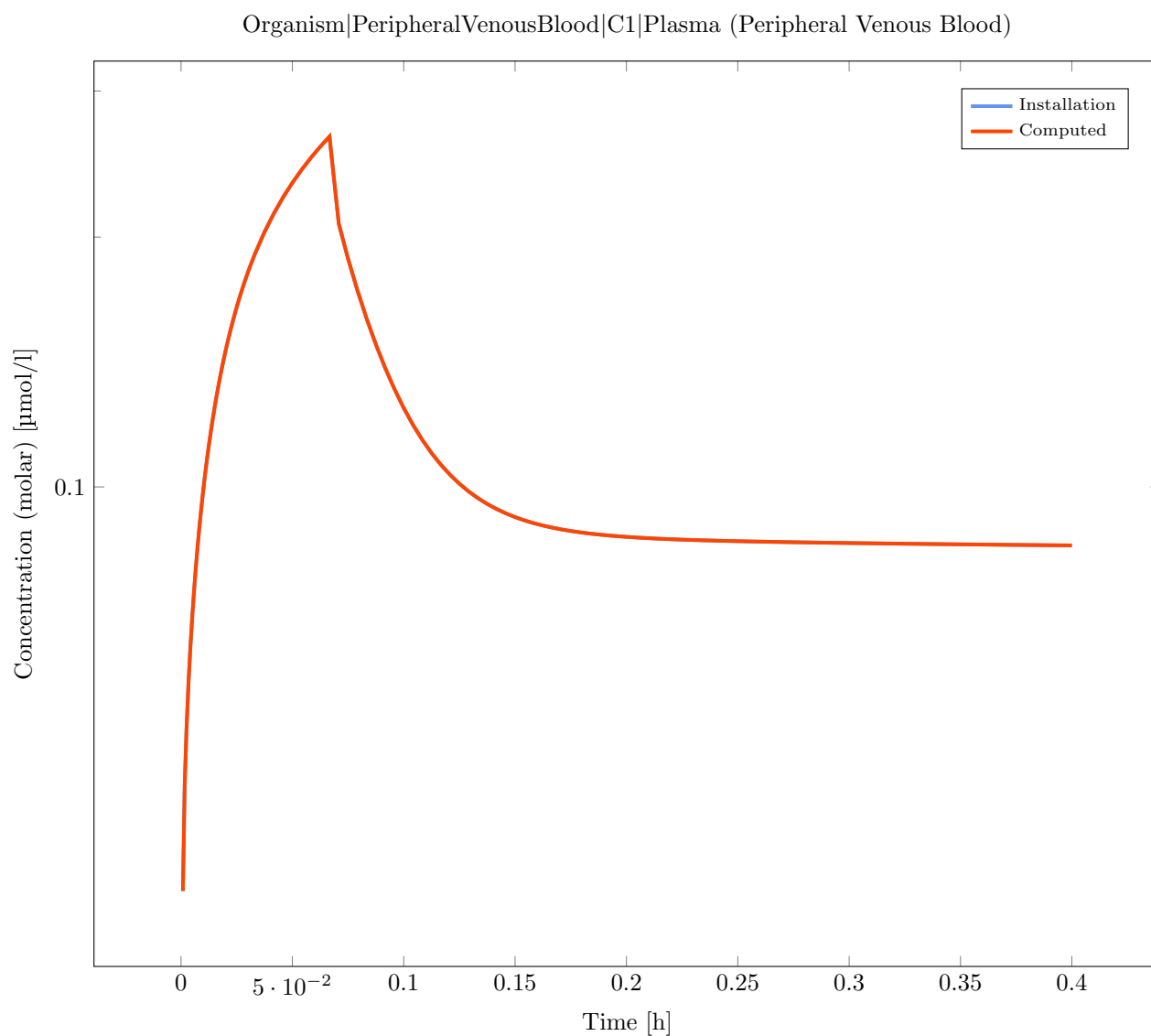Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.114

Simulation: Human_ICRP_AGP-04_ICRP_1y_Female
Result of the validation: Valid

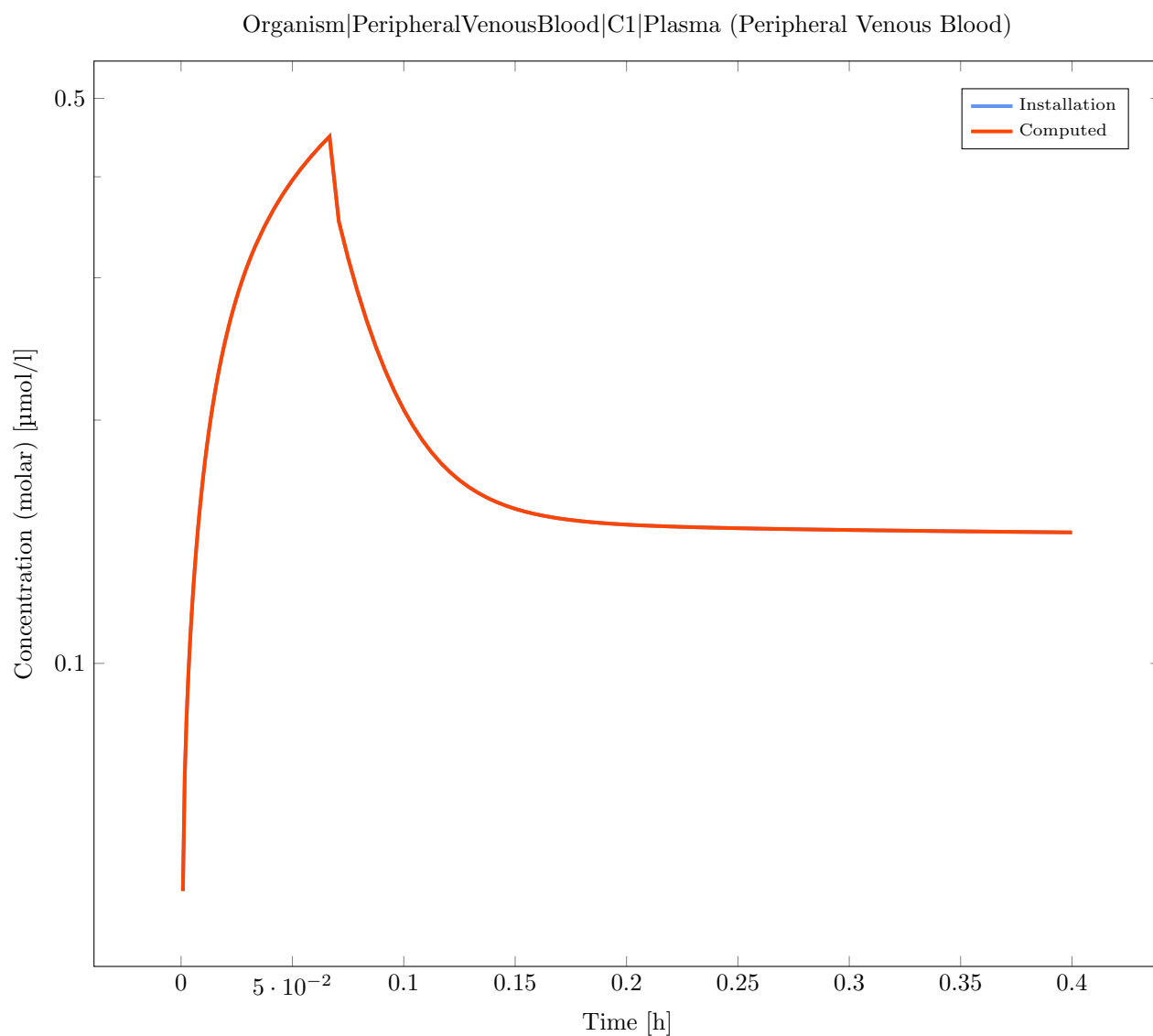**Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.115

Simulation: Human_ICRP_AGP-05_ICRP_12y_Male
Result of the validation: Valid

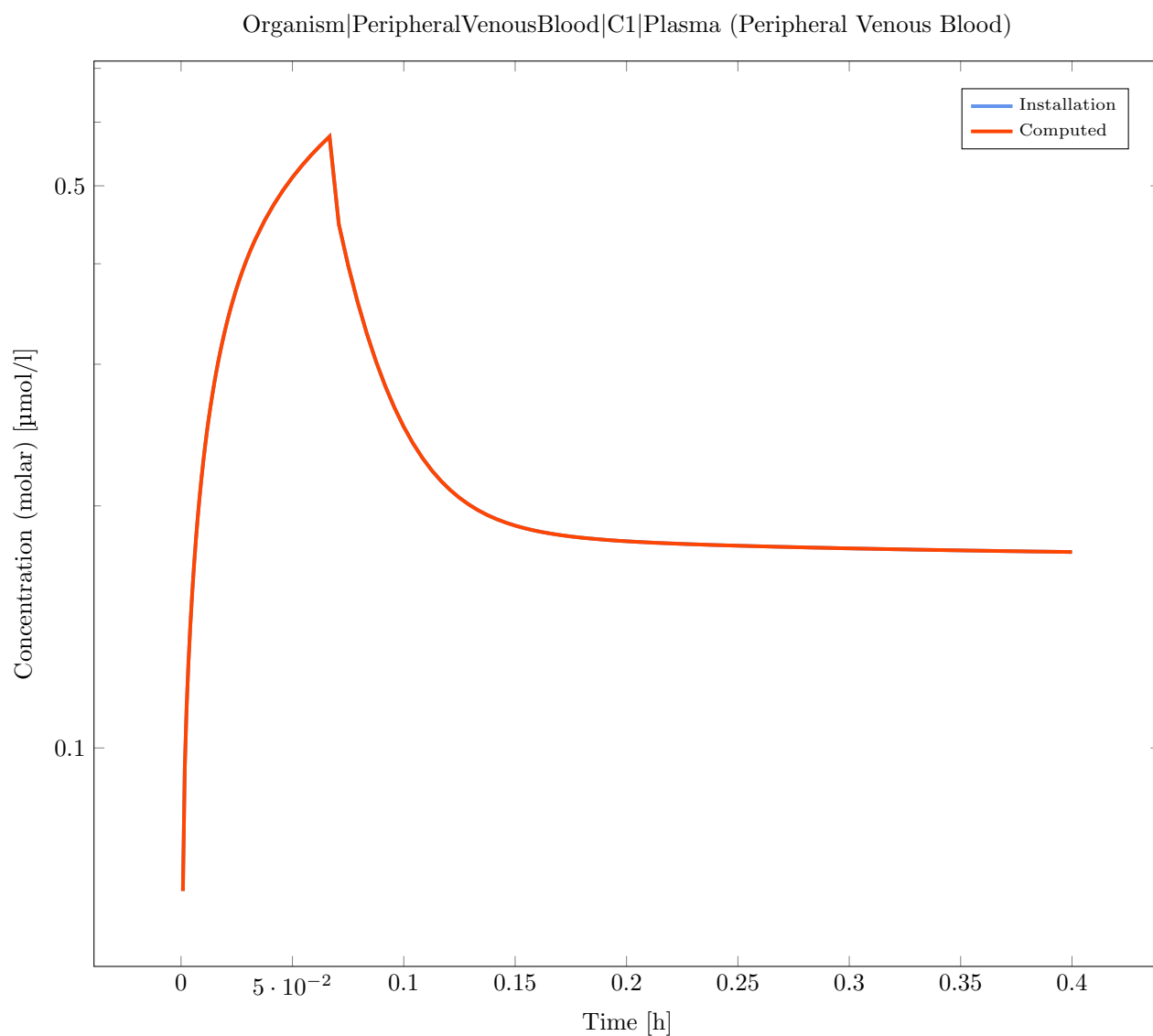**Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)**
Deviation: 1.50E-4

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.116

Simulation: Human_ICRP_AGP-06_ICRP_30y_Female
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
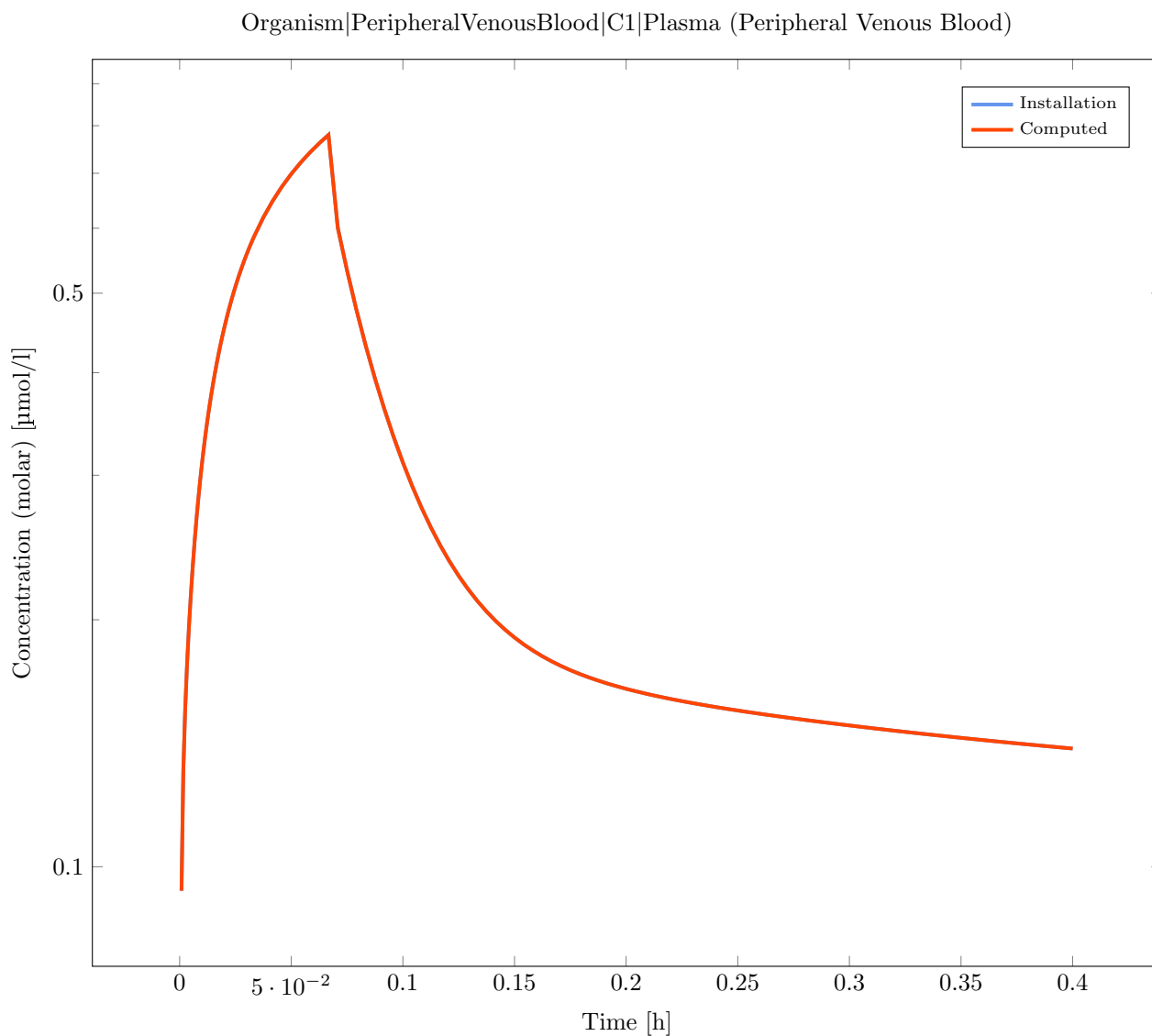Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.117

Simulation: Human_ICRP_AGP-07_ICRP_100y_Male
Result of the validation: Valid

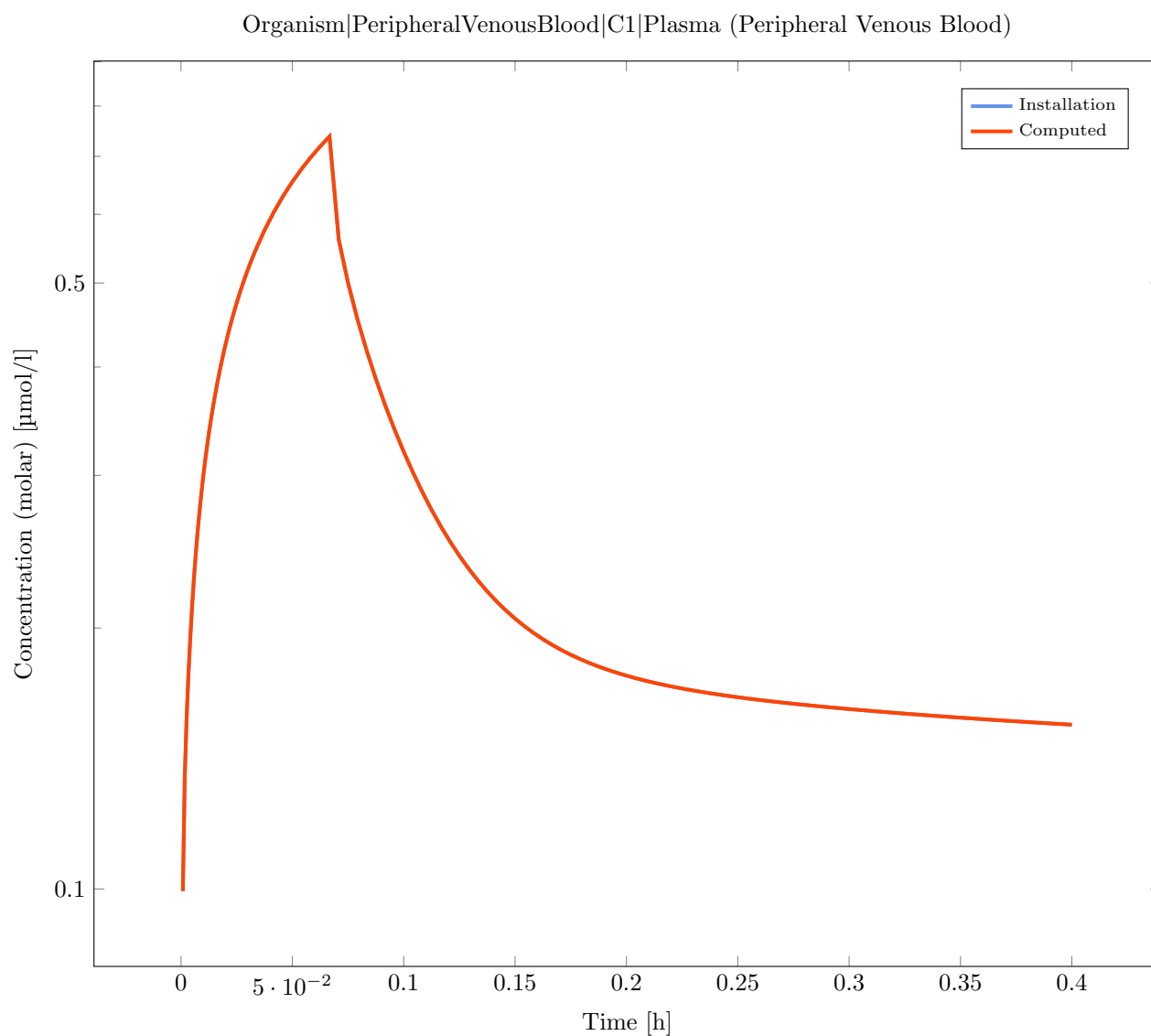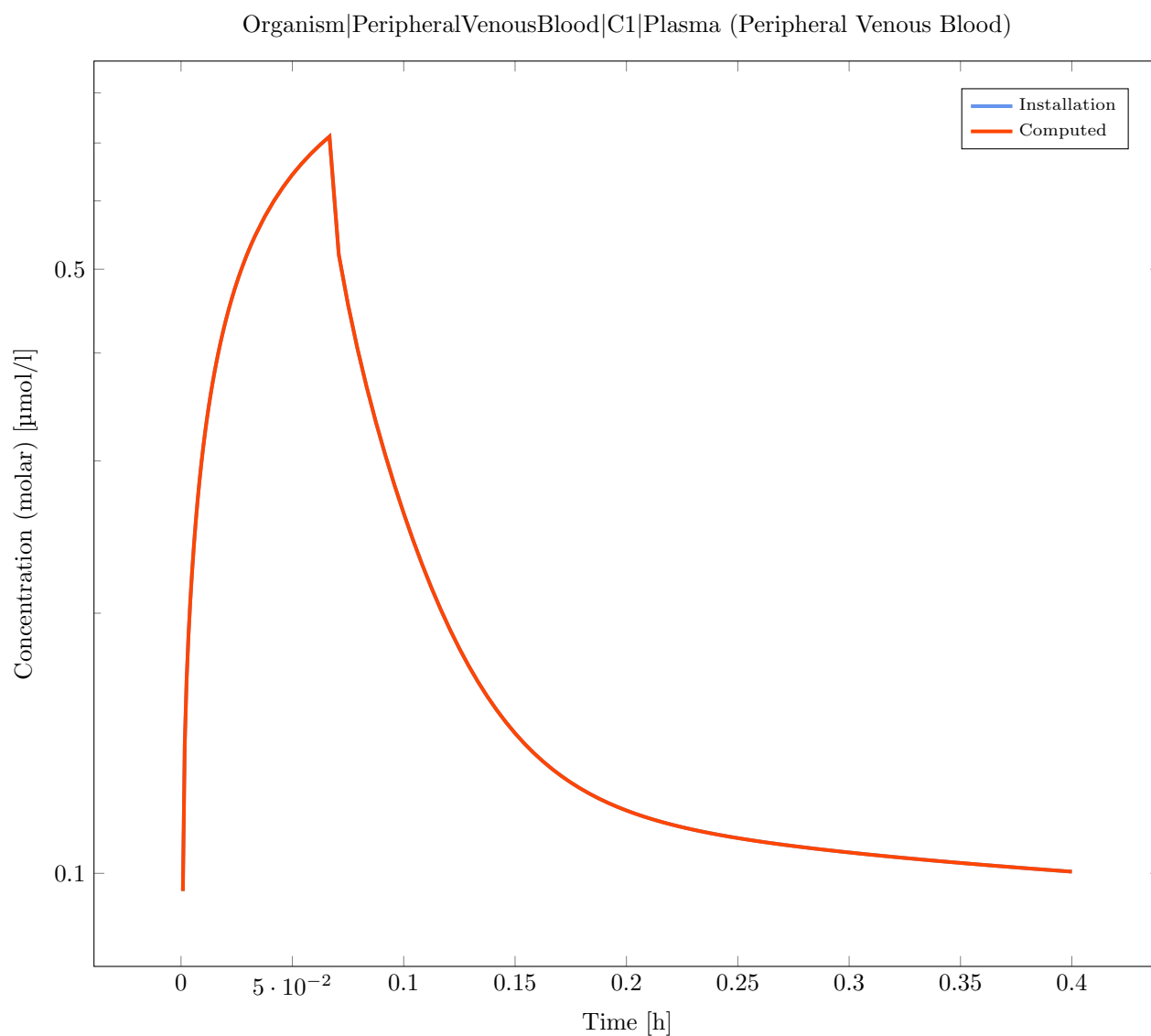**Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)**
Deviation: 0

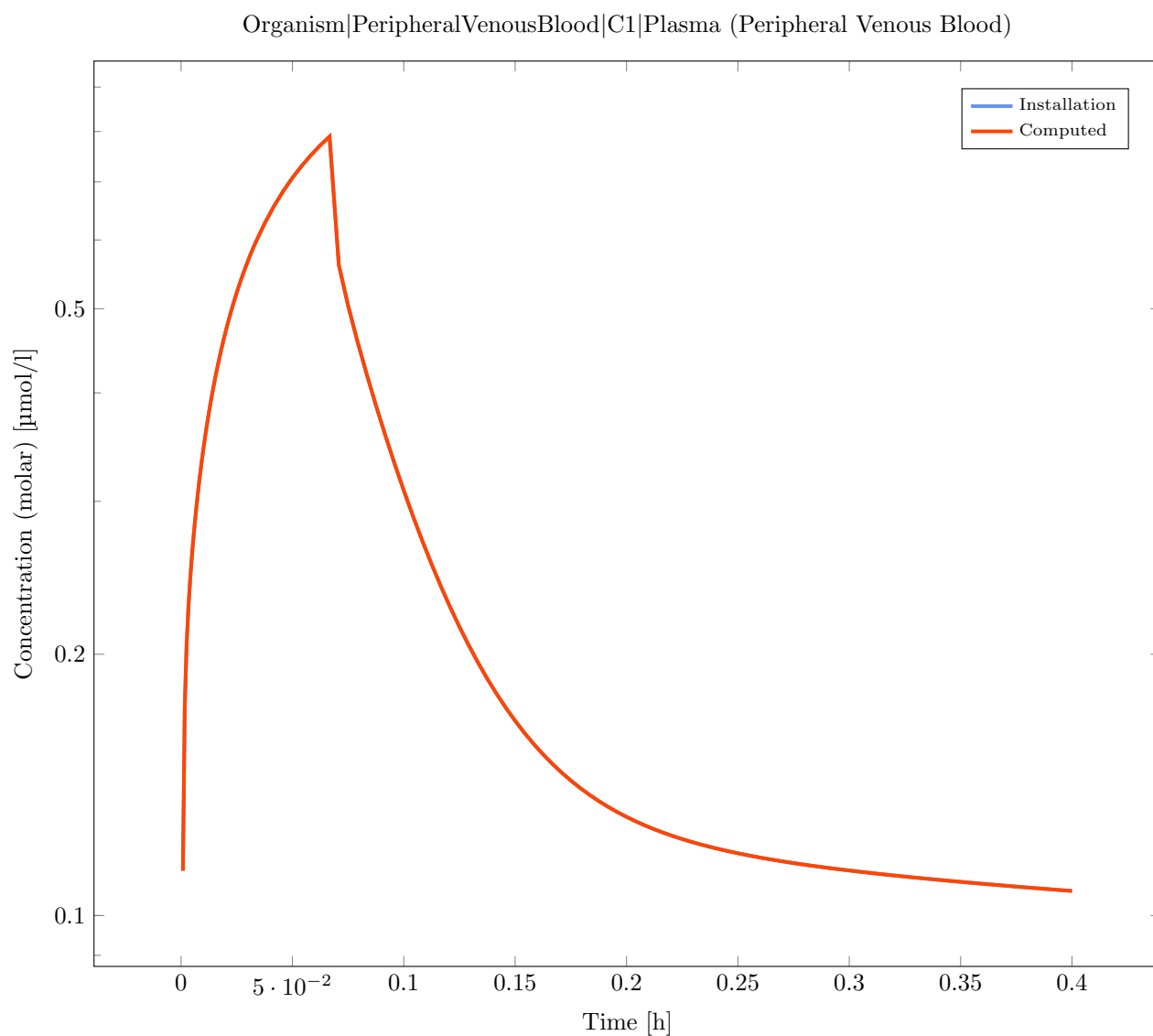Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.118

Simulation: Human_IrreversibleInhibition-Human_IrreversibleInhibition
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.119

Output Path: Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)

Figure 1.120

Simulation: Human_MixedInhibition-Human_MixedInhibition
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

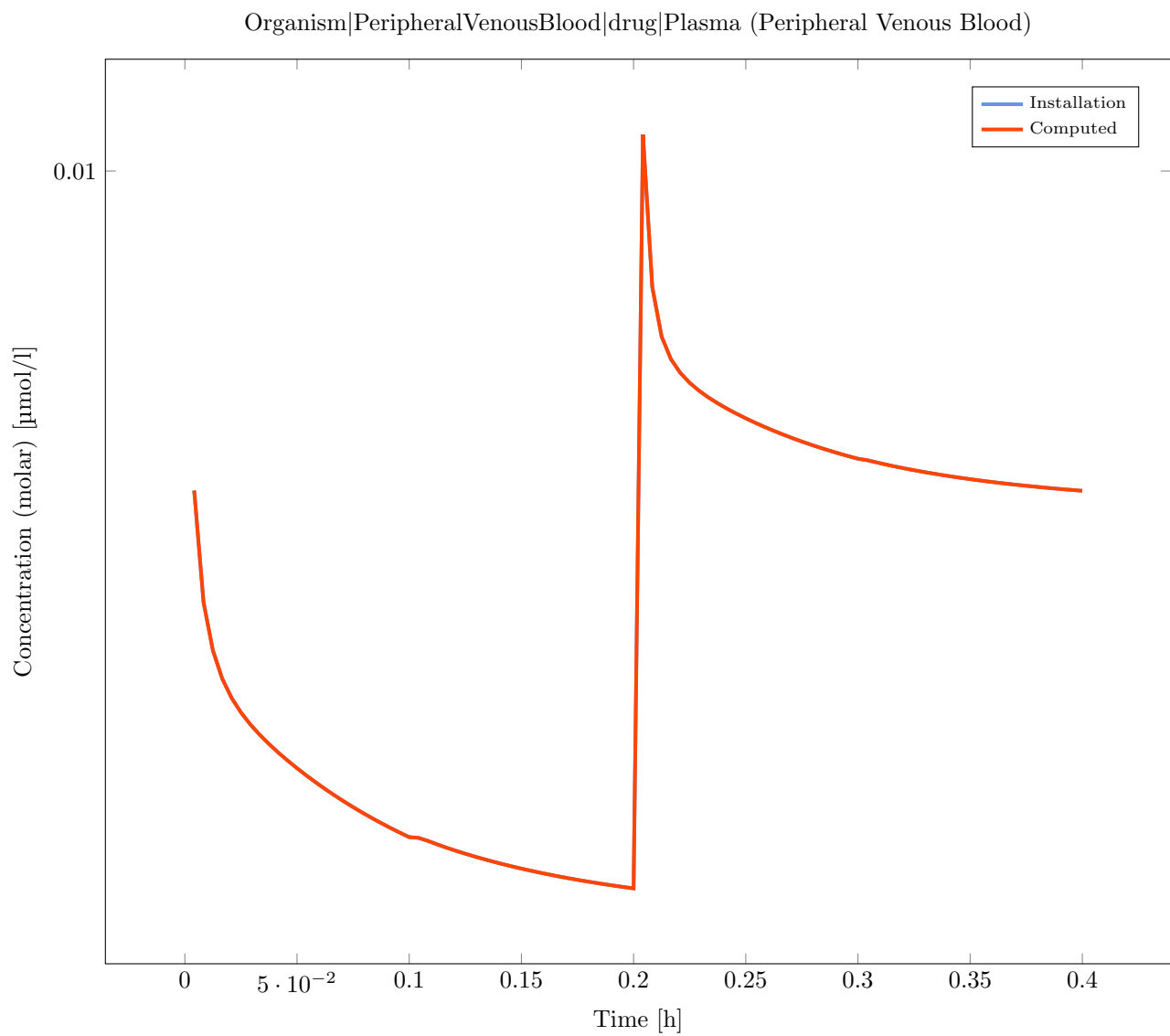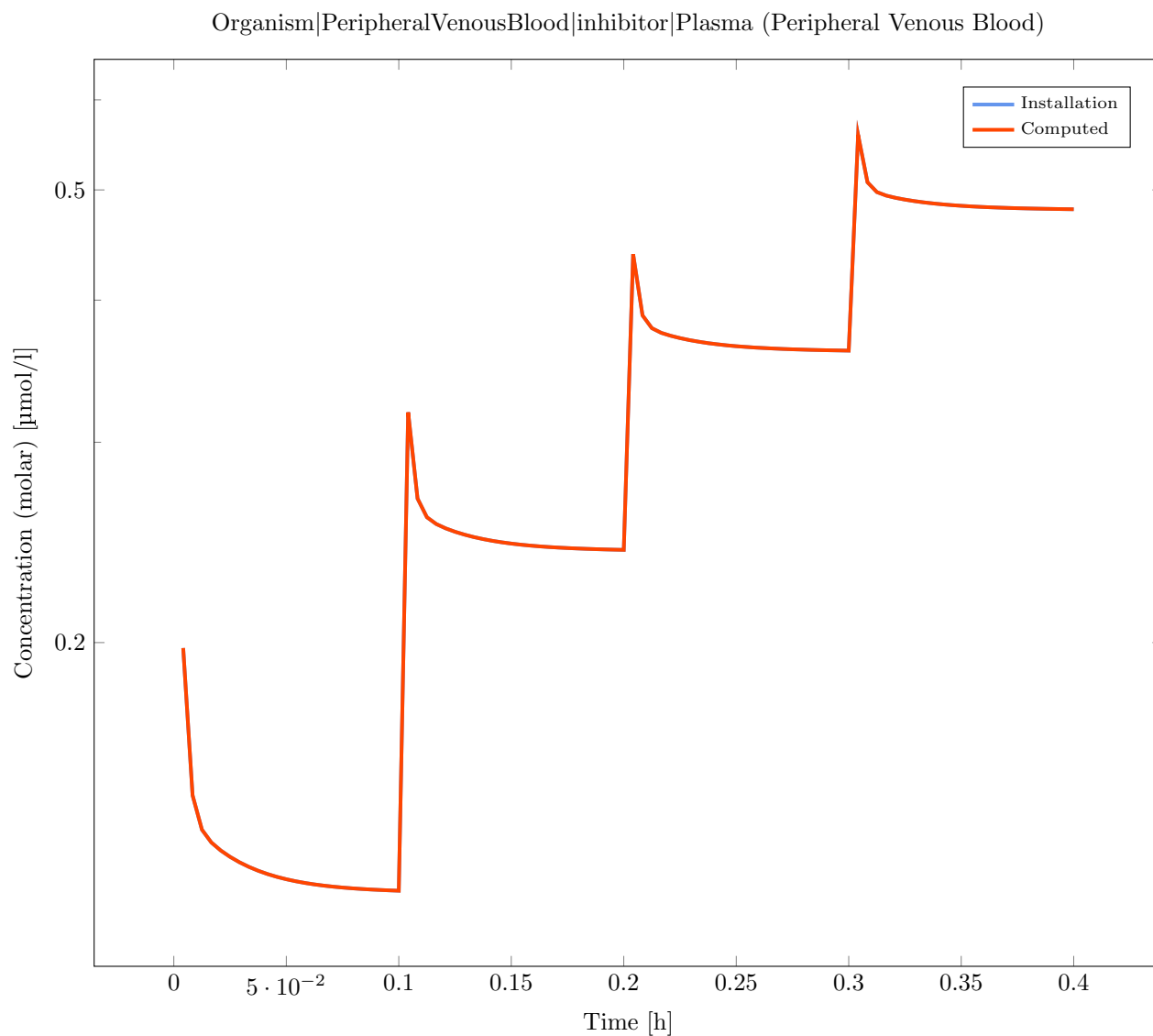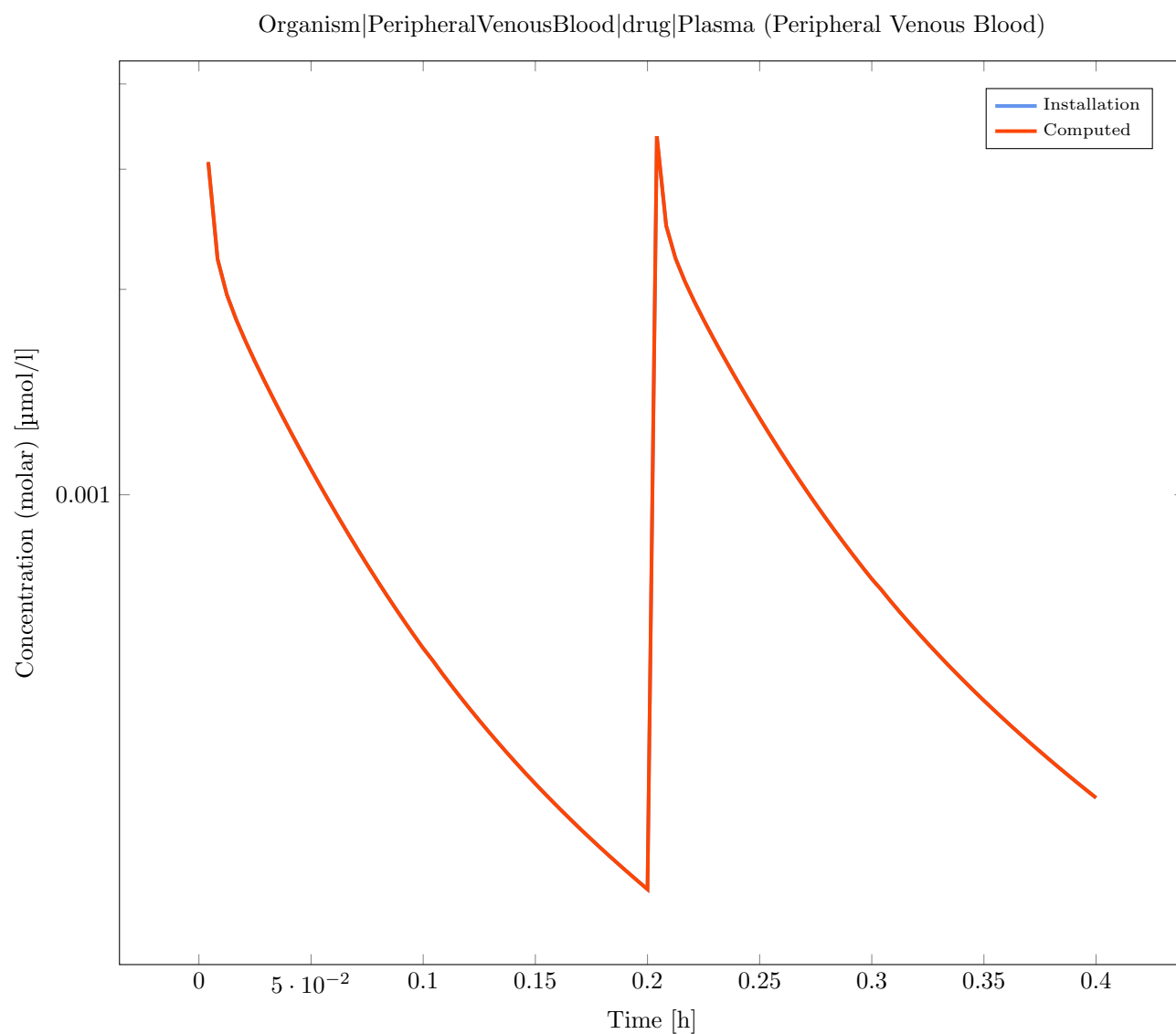Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.121

Output Path: Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)
Deviation: 0

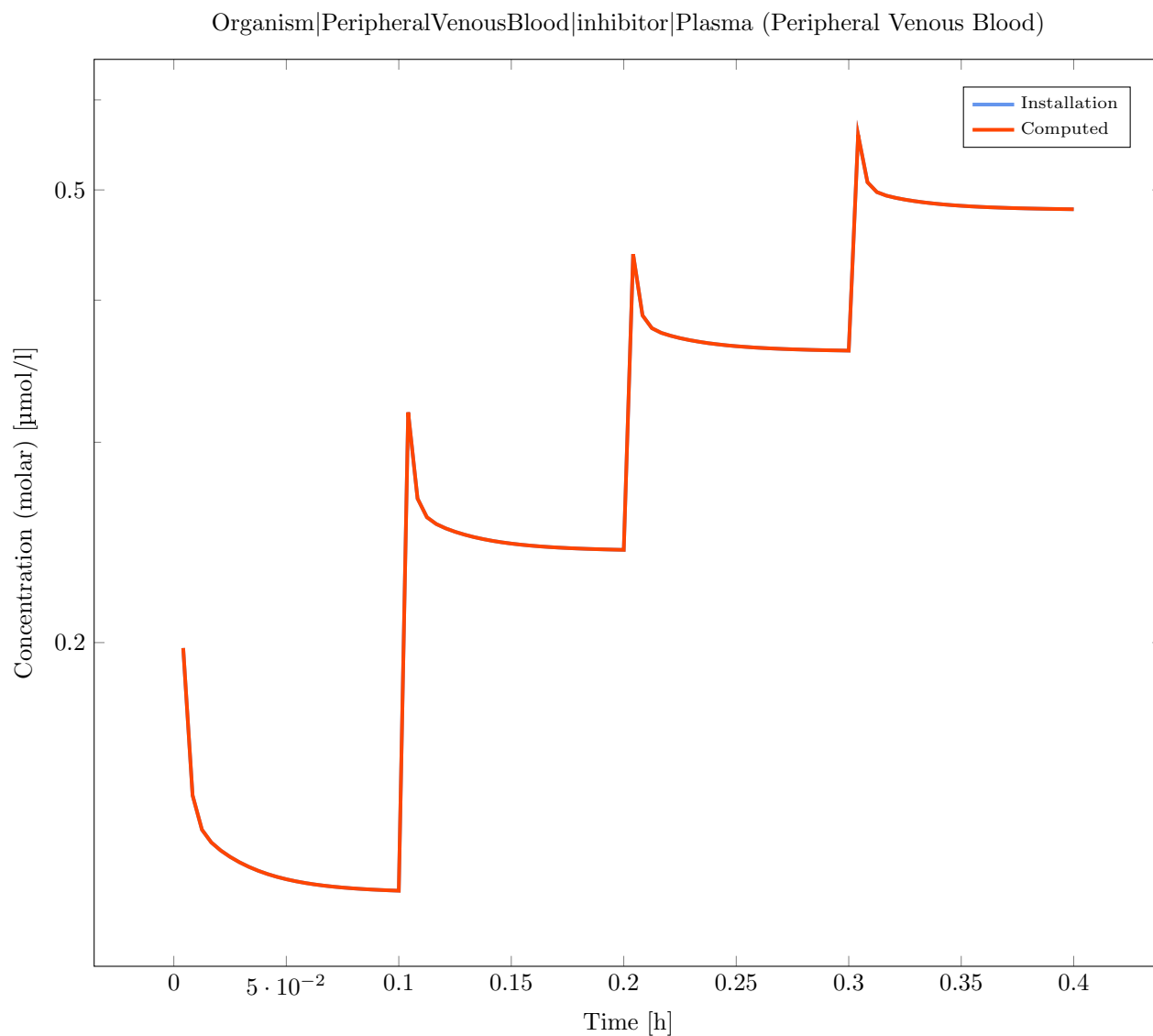Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)

Figure 1.122

Simulation: Human_MultiIV_6_6_12-Human_MultiIV_6_6_12
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

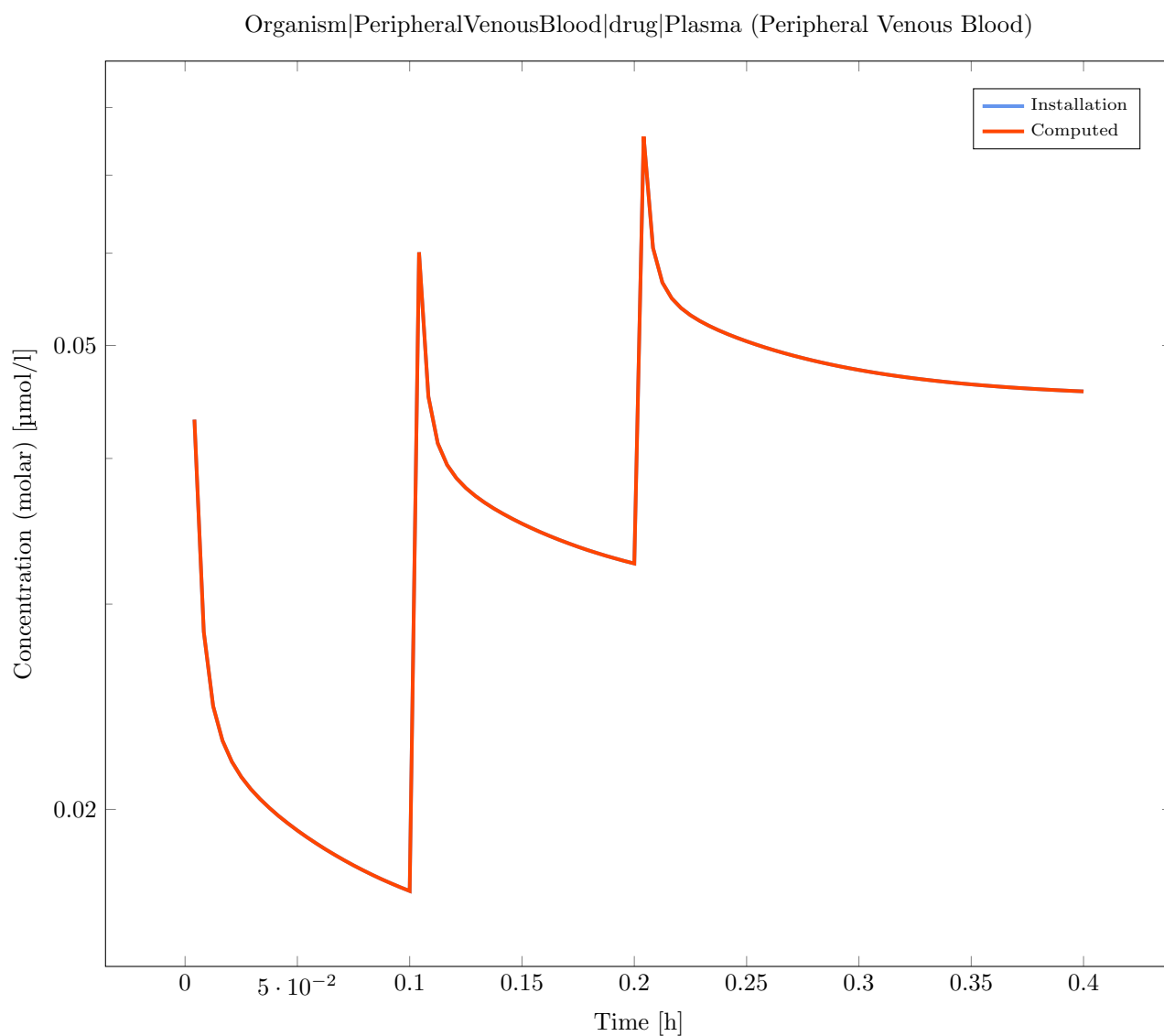Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.123

Simulation: Human_MultiORAL_6_12_12_Dissolved-Human_MultiORAL_6_12_12_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.05E-7

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.124

Simulation: Human_MultiORAL_6_12_12_Dissolved-Human_MultiORAL_6_12_12_Dissolved_absorption_-sink_conditions
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 6.10E-8

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.125

Simulation: Human_MultiORAL_6_12_12_Dissolved-Human_MultiORAL_6_12_12_Dissolved_EHC_-continuous_fraction_0.5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.05E-7

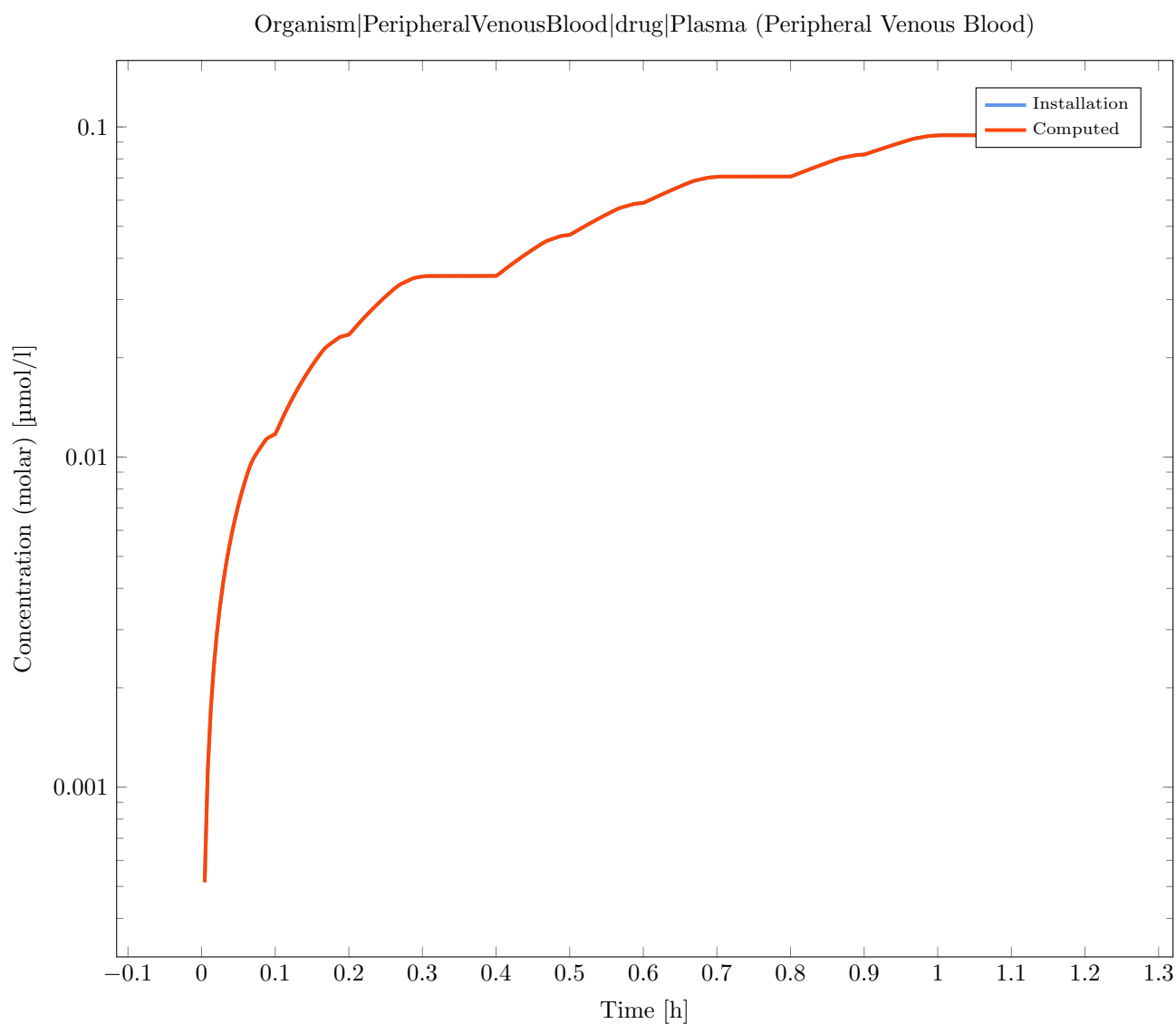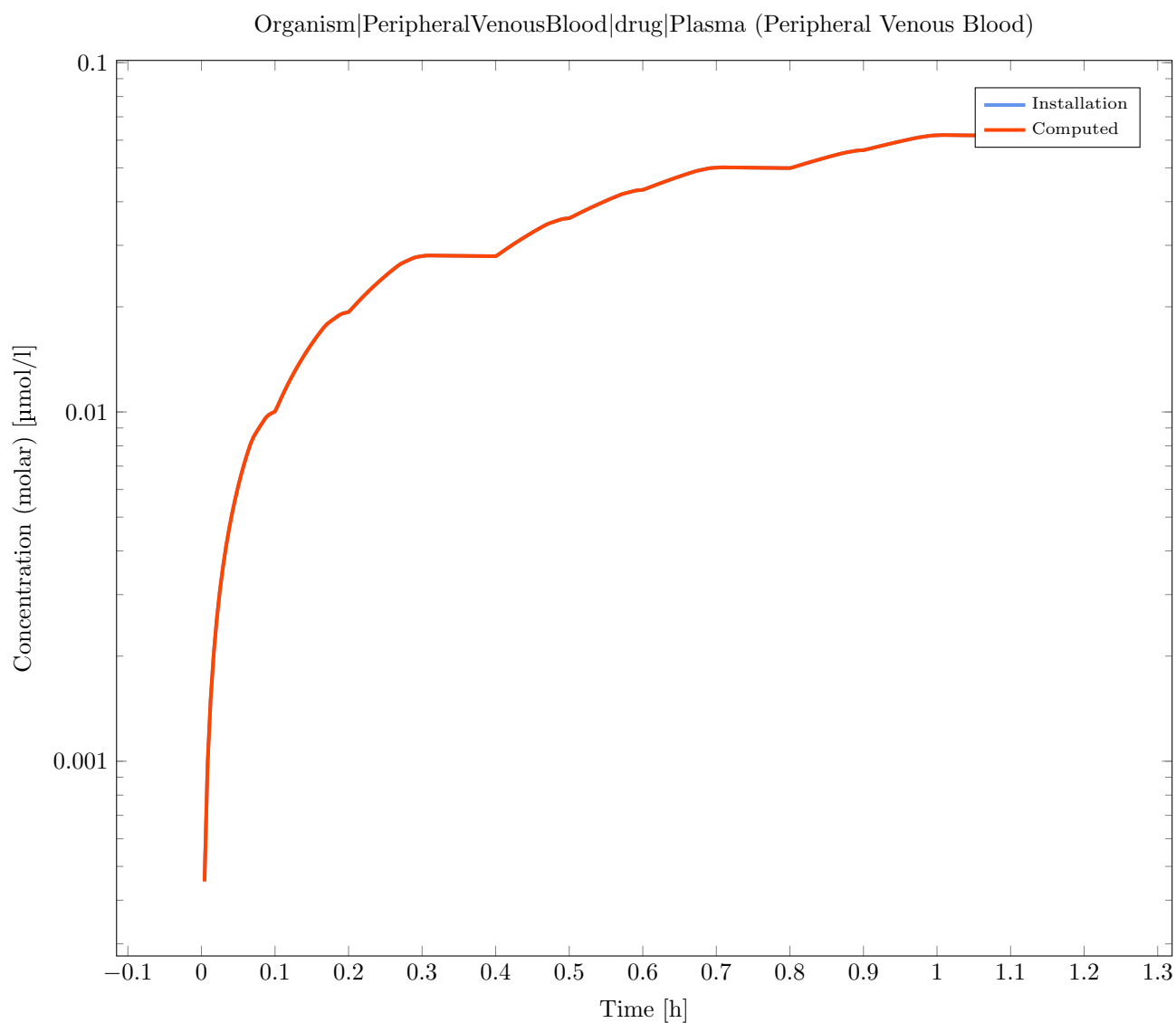Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.126

**Simulation: Human_MultiORAL_6_12_12_Dissolved-Human_MultiORAL_6_12_12_Dissolved_EHC_-
continuous_fraction_1**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.05E-7

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.127

Simulation: Human_MultiORAL_6_12_12_Dissolved-Human_MultiORAL_6_12_12_Dissolved_pKa-dependent penalty factor
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.05E-7

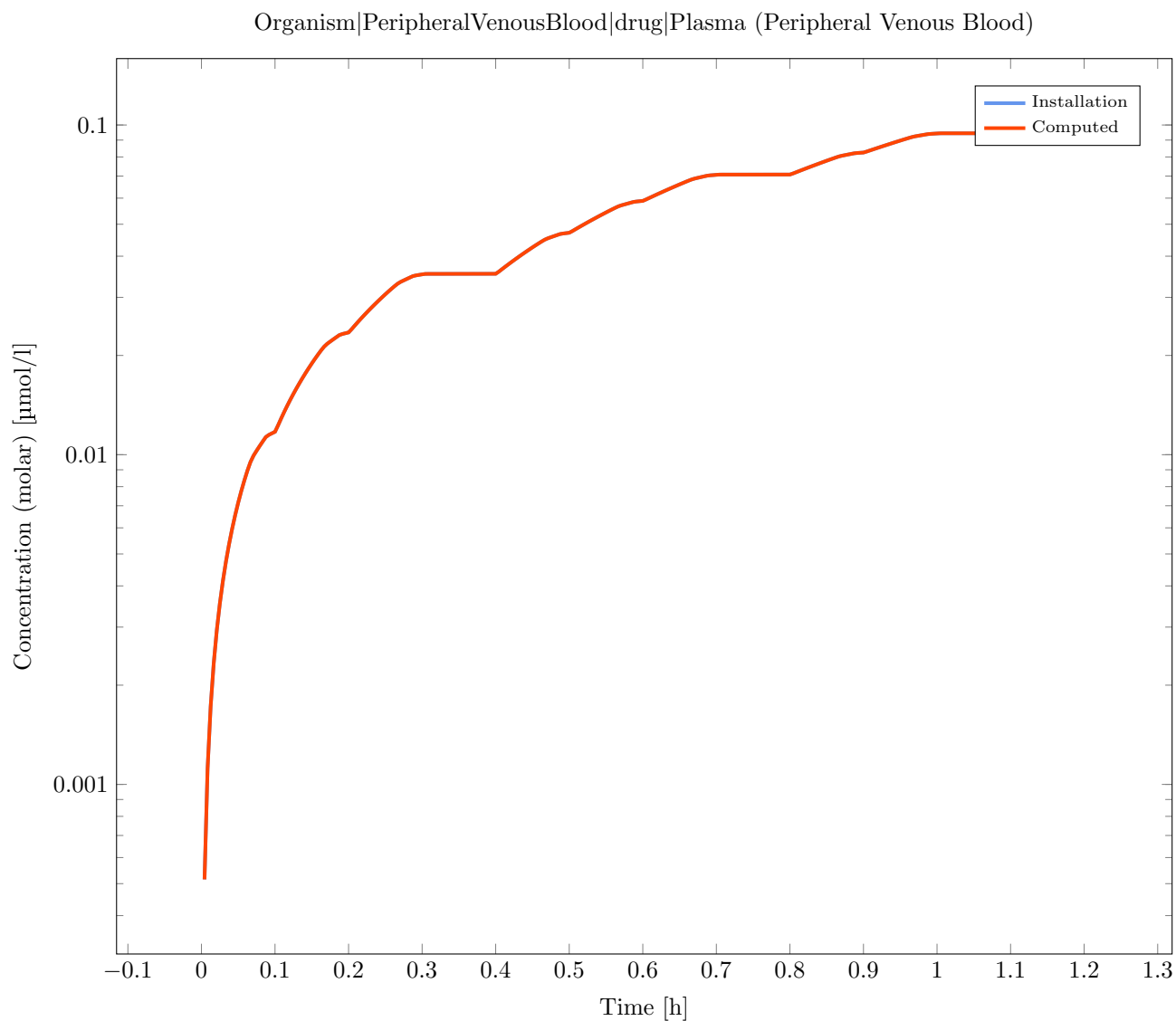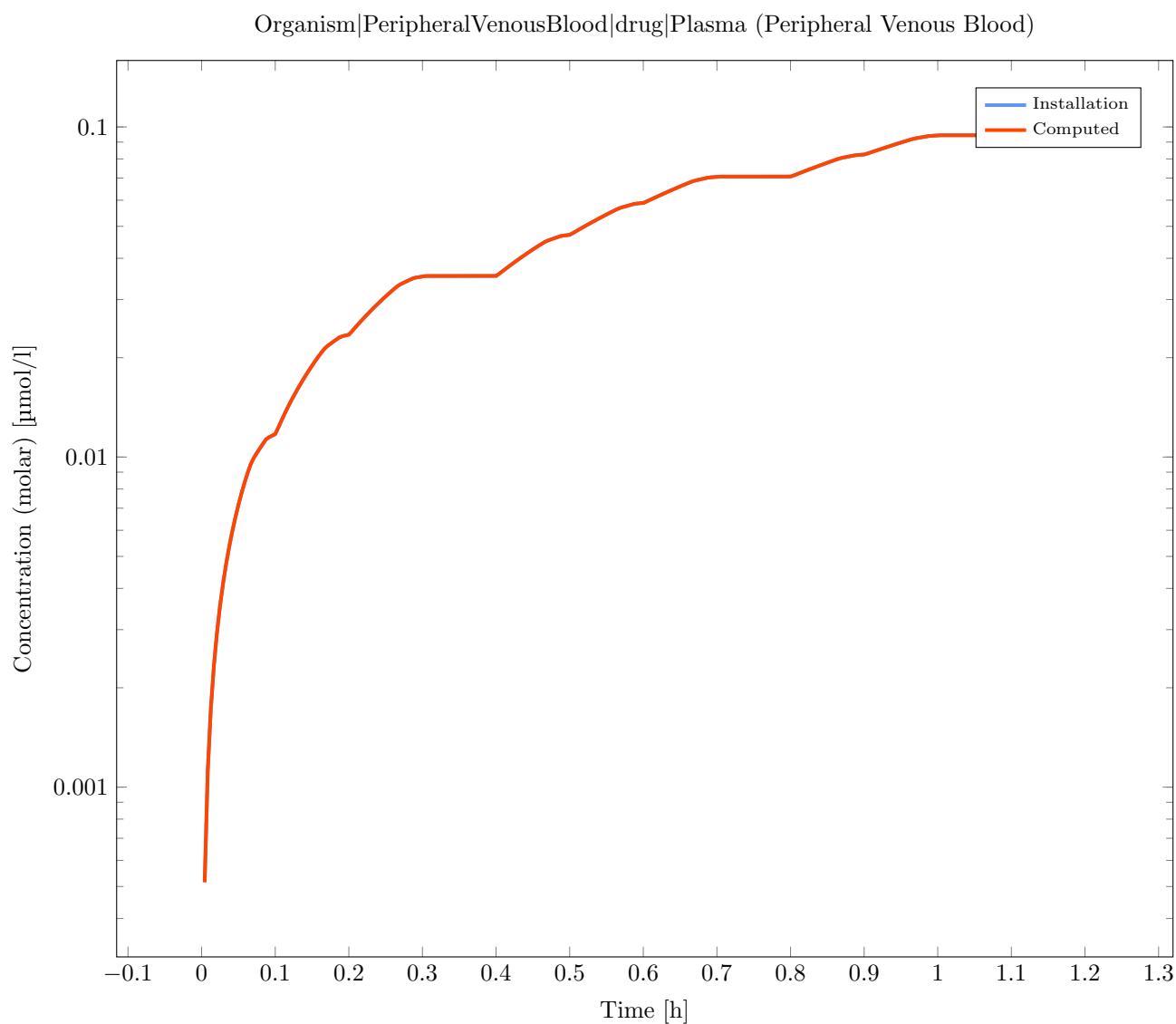Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

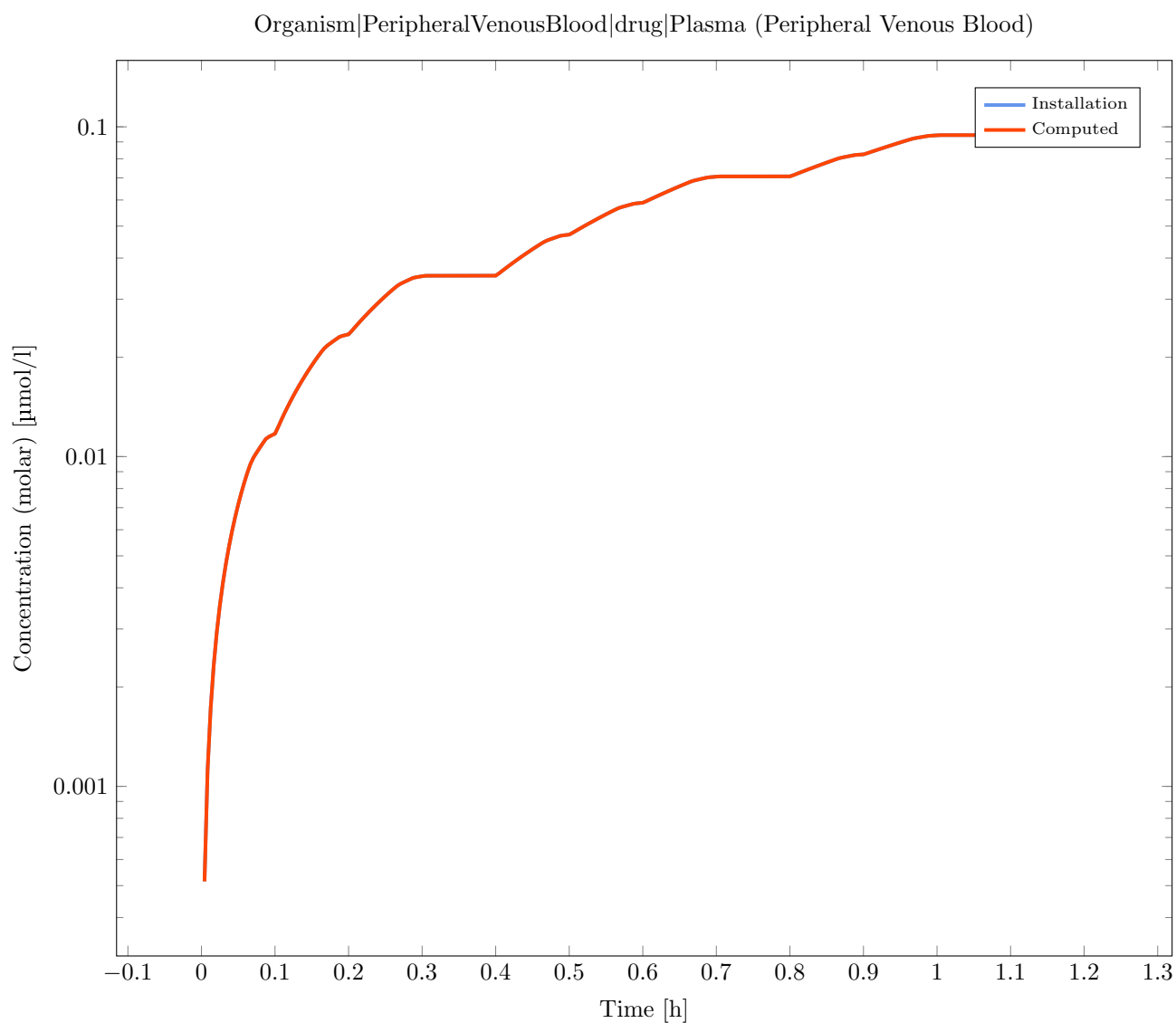**Figure 1.128**

Simulation: Human_MultipleIV_Binding-Human_MultipleIV_Binding
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

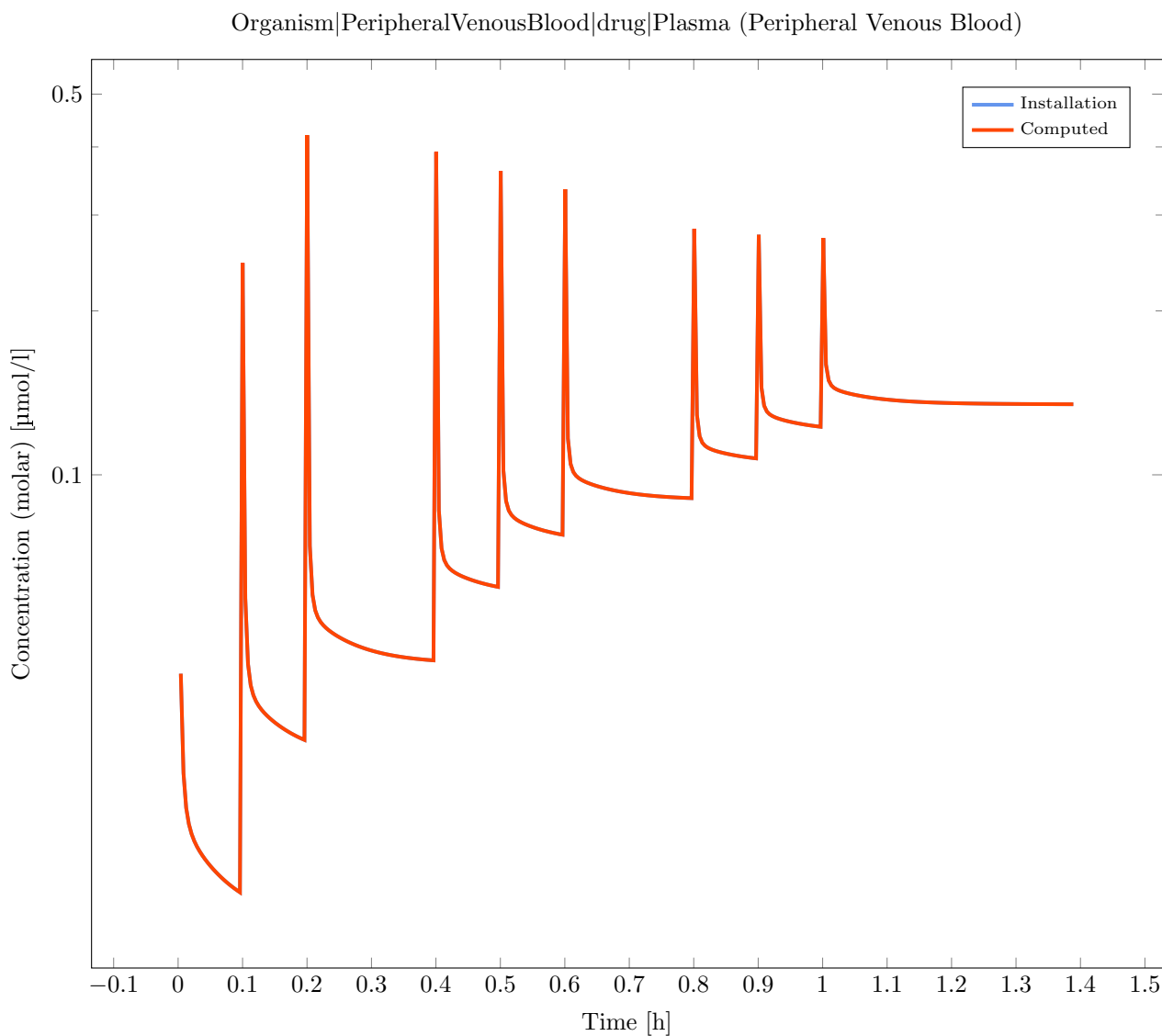Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.129

Simulation: Human_MultipleIV_EffluxBasolateral-Human_MultipleIV_EffluxBasolateral
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.130

Simulation: Human_MultipleIV_Efflux-Human_MultipleIV_Efflux
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.131

Simulation: Human_MultipleIV_InfluxBasolateral-Human_MultipleIV_InfluxBasolateral
Result of the validation: Valid

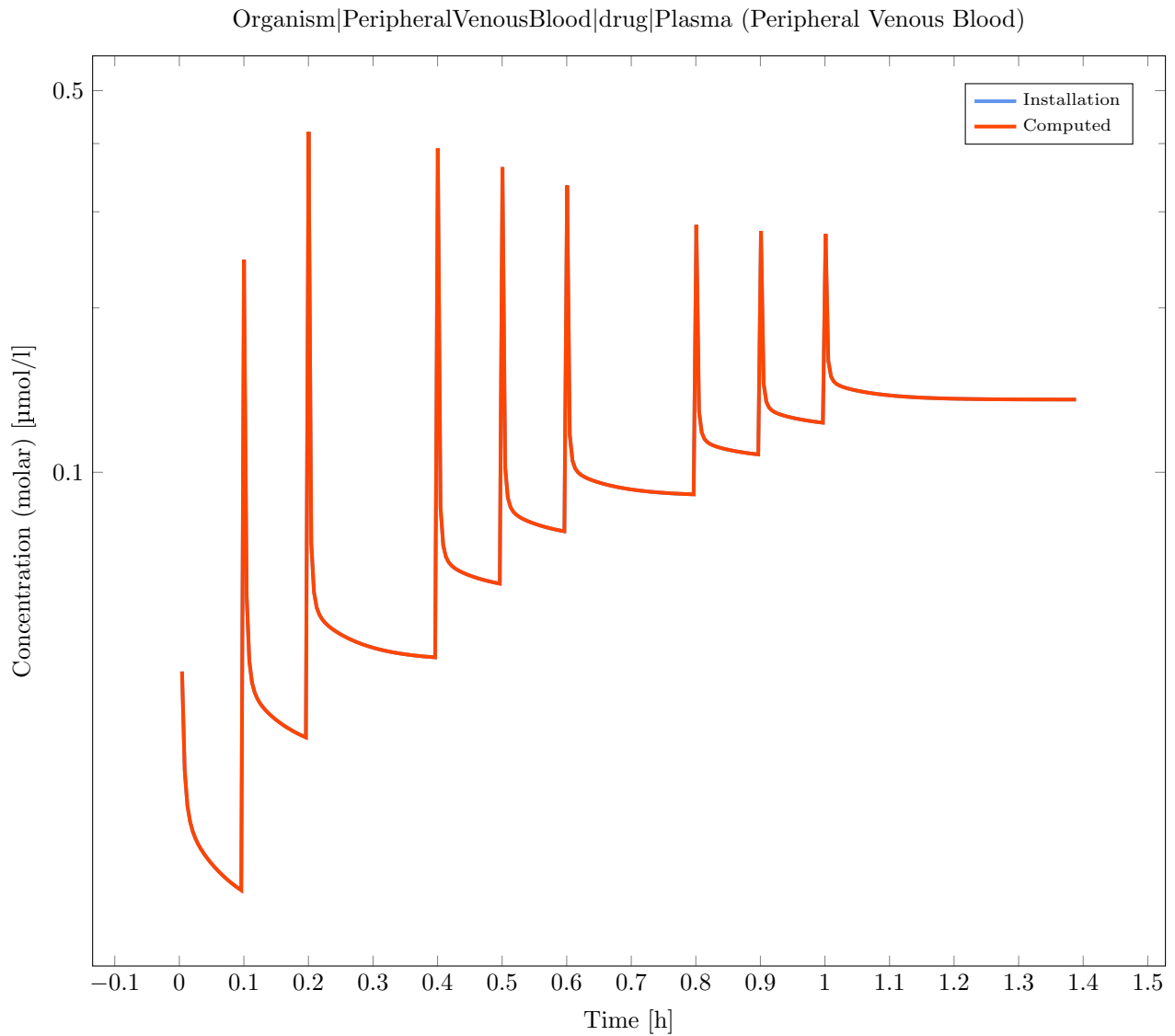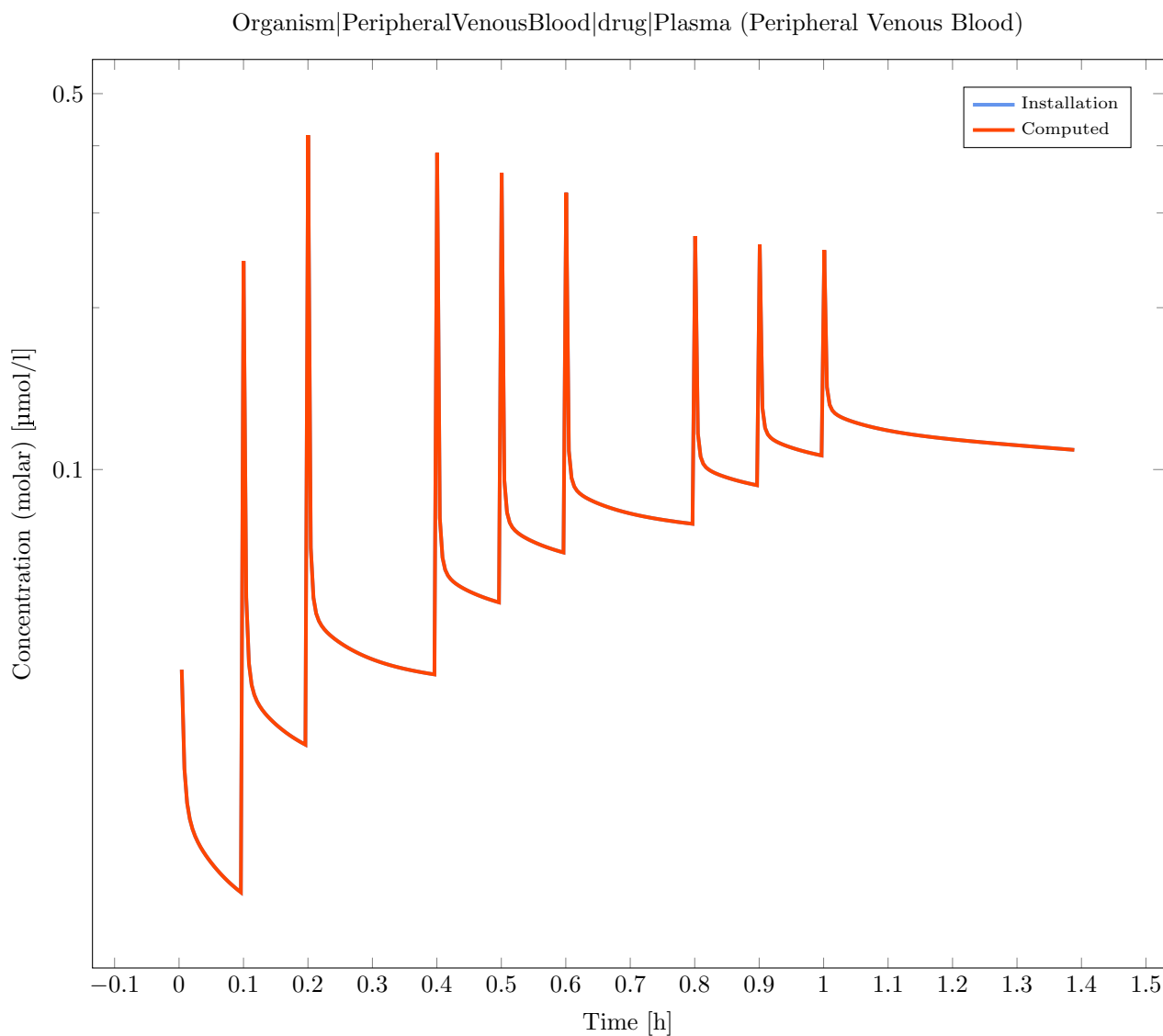**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

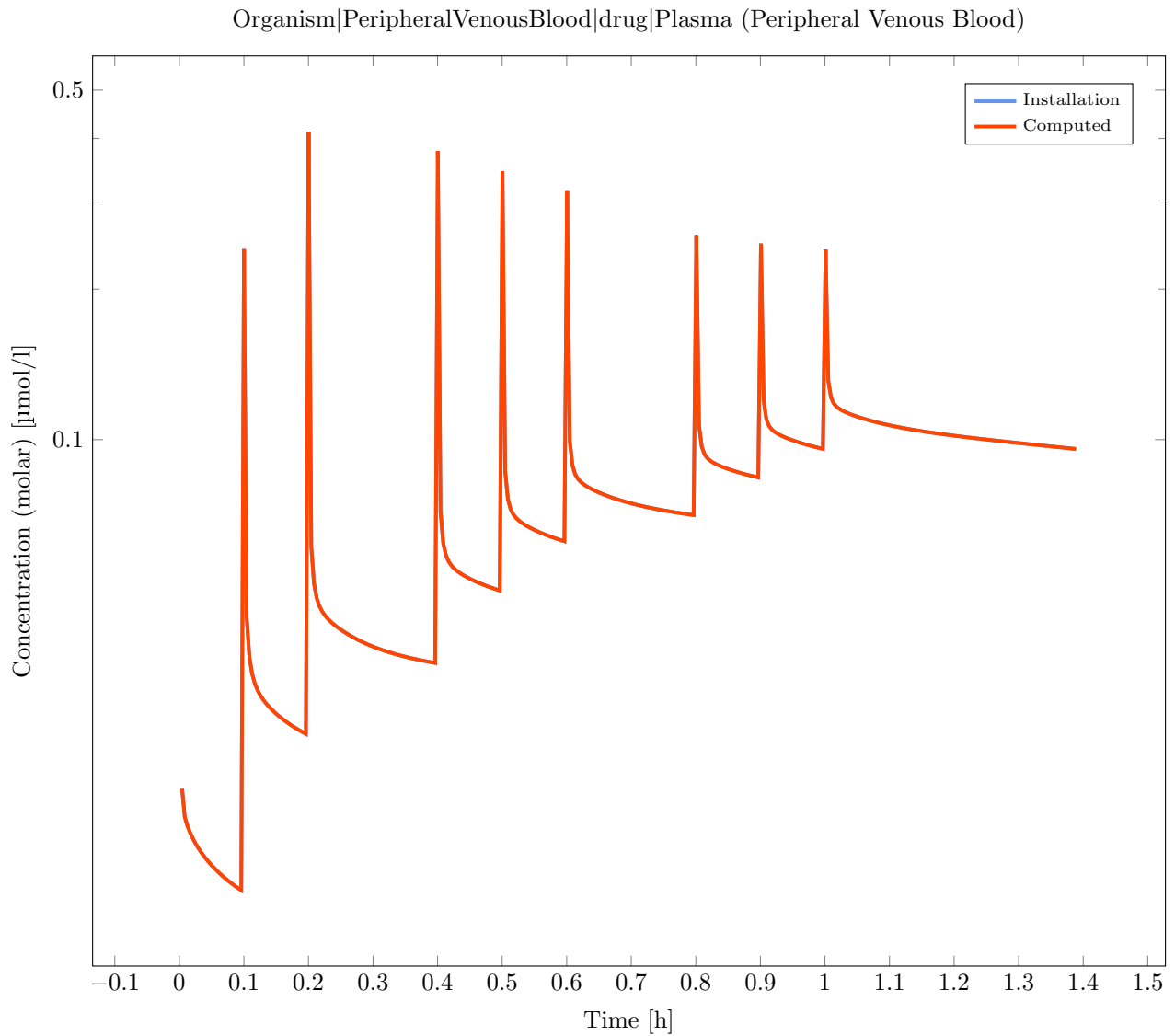Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.132

Simulation: Human_MultipleIV_Influx-Human_MultipleIV_ActiveInflux
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 3.51E-5

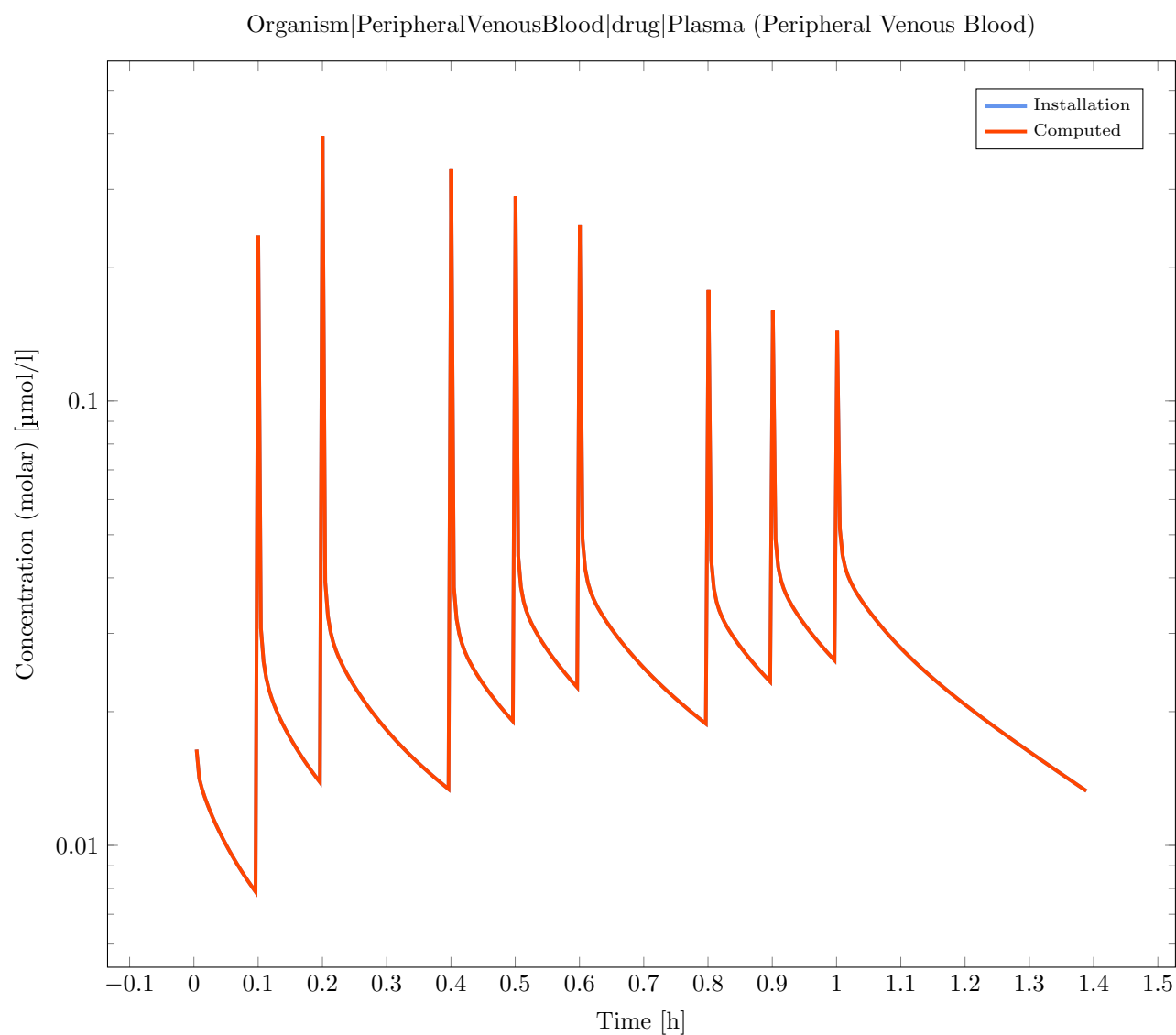Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.133

Simulation: Human_MultipleIV_MetabolizmBinding-Human_MultipleIV_MetabolizmBinding
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

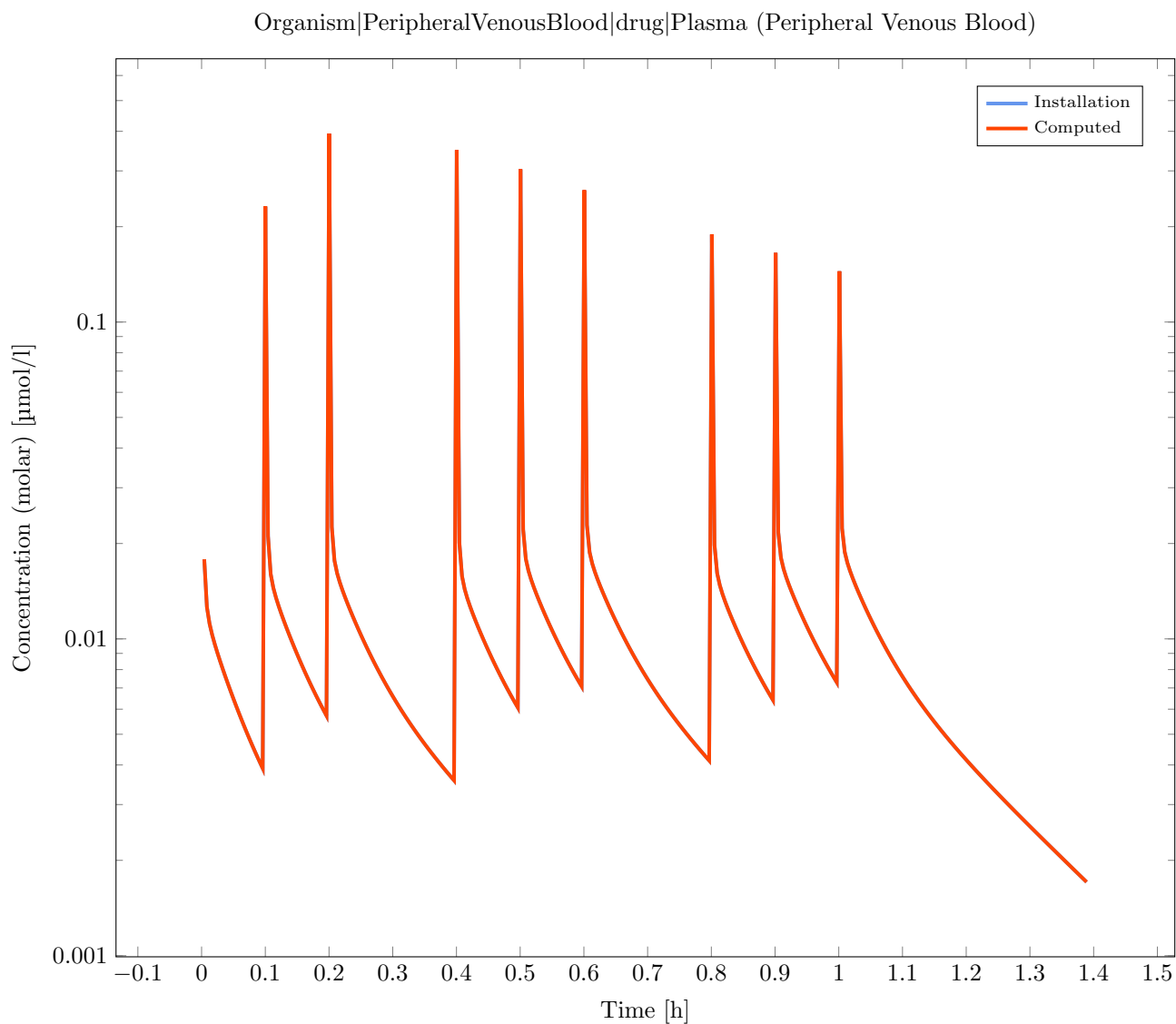**Figure 1.134**

Simulation: Human_MultipleIV_Metabolizm-Human_MultipleIV_Metabolizm
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

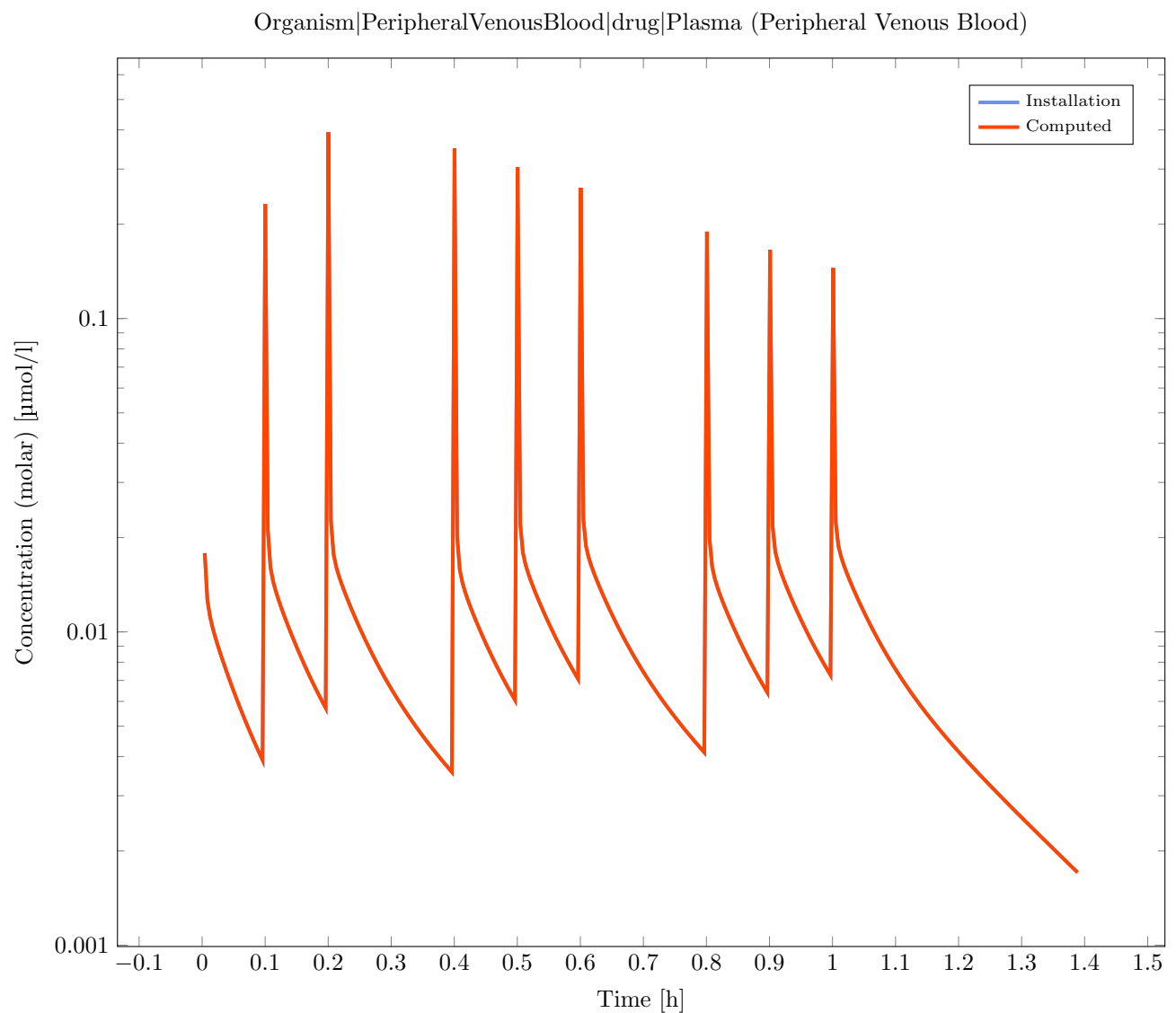Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.135

Simulation: Human_MultipleIV_PGPBasolateral-Human_MultipleIV_PGPBasolateral
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

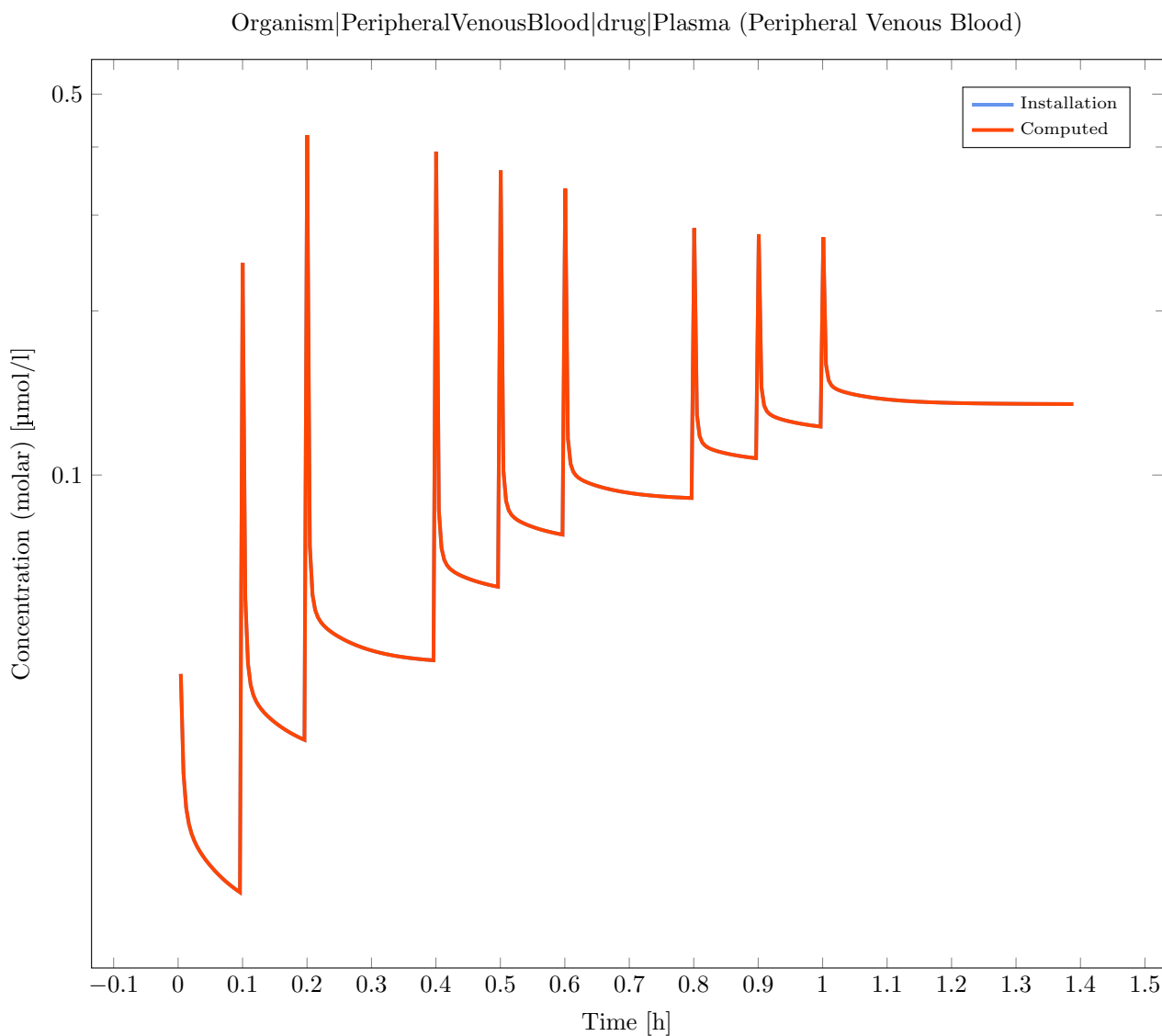Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.136

Simulation: Human_MultipleIV_PGP-Human_MultipleIV_PGP
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

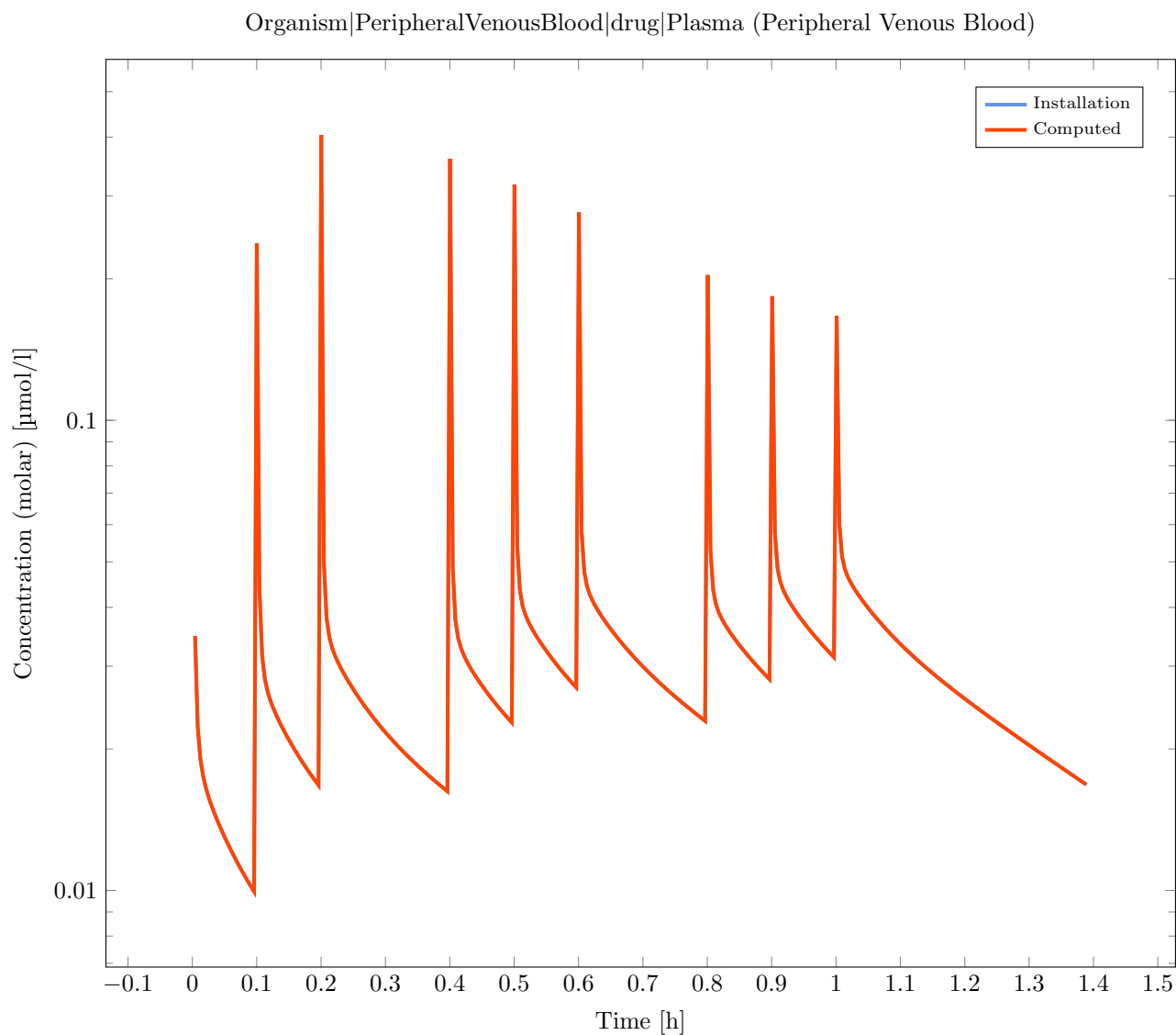Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.137

Simulation: Human_NonCompetitiveInhibition-Human_NonCompetitiveInhibition
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
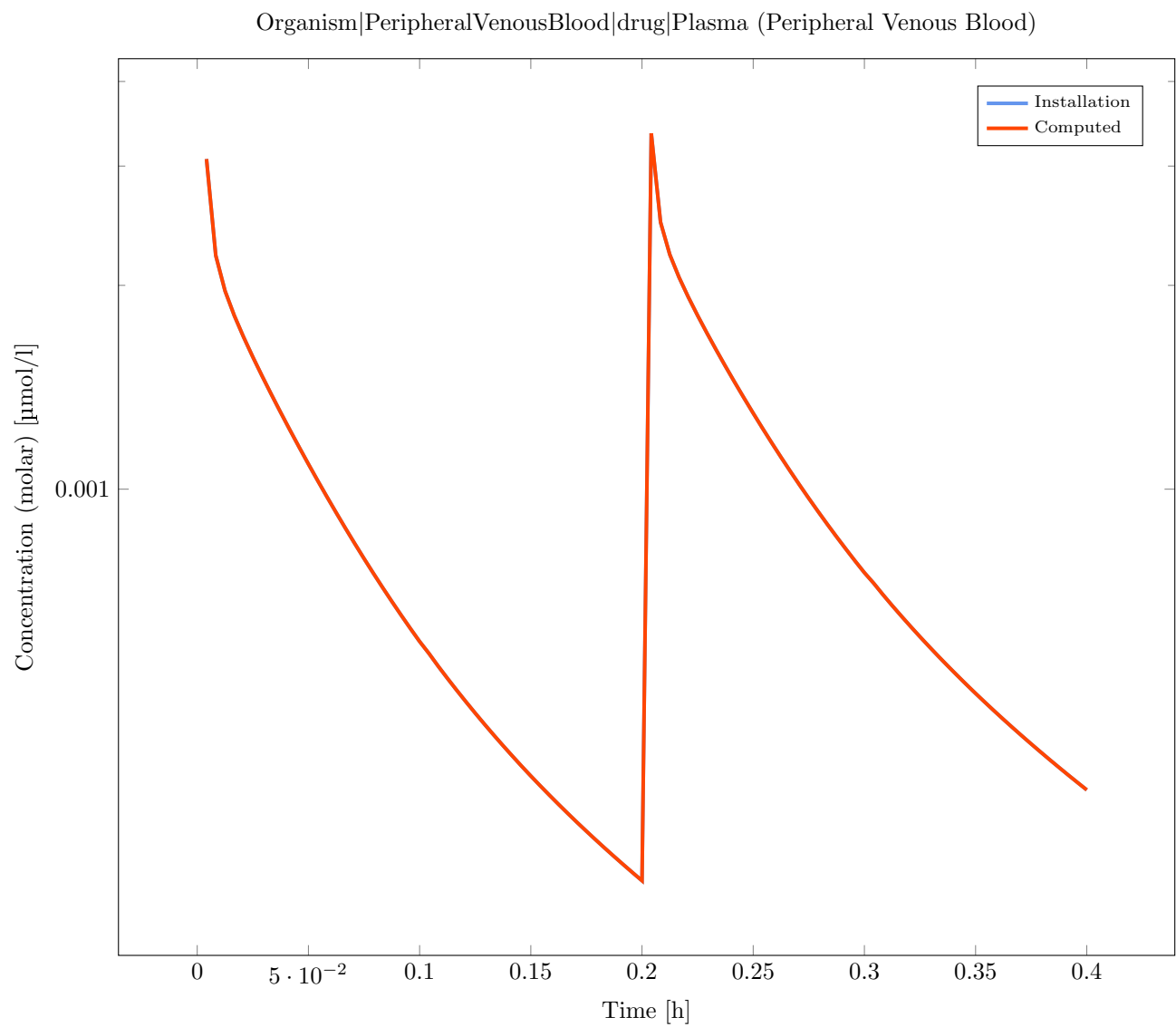Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.138

Output Path: Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)

Figure 1.139

Simulation: Human_Oral_BiDaily_TableFormulation-S1_suspension
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 5.83E-5

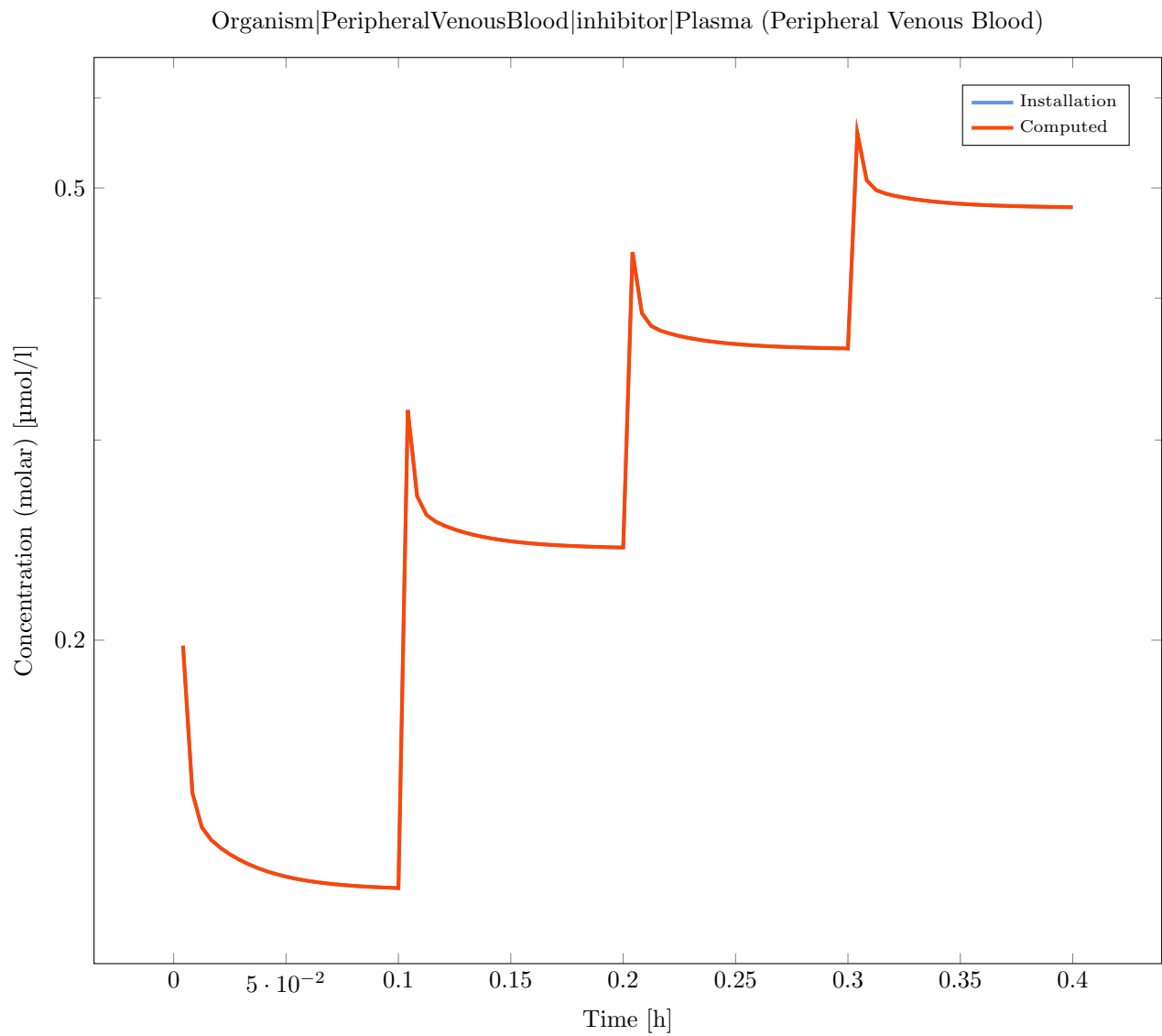Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

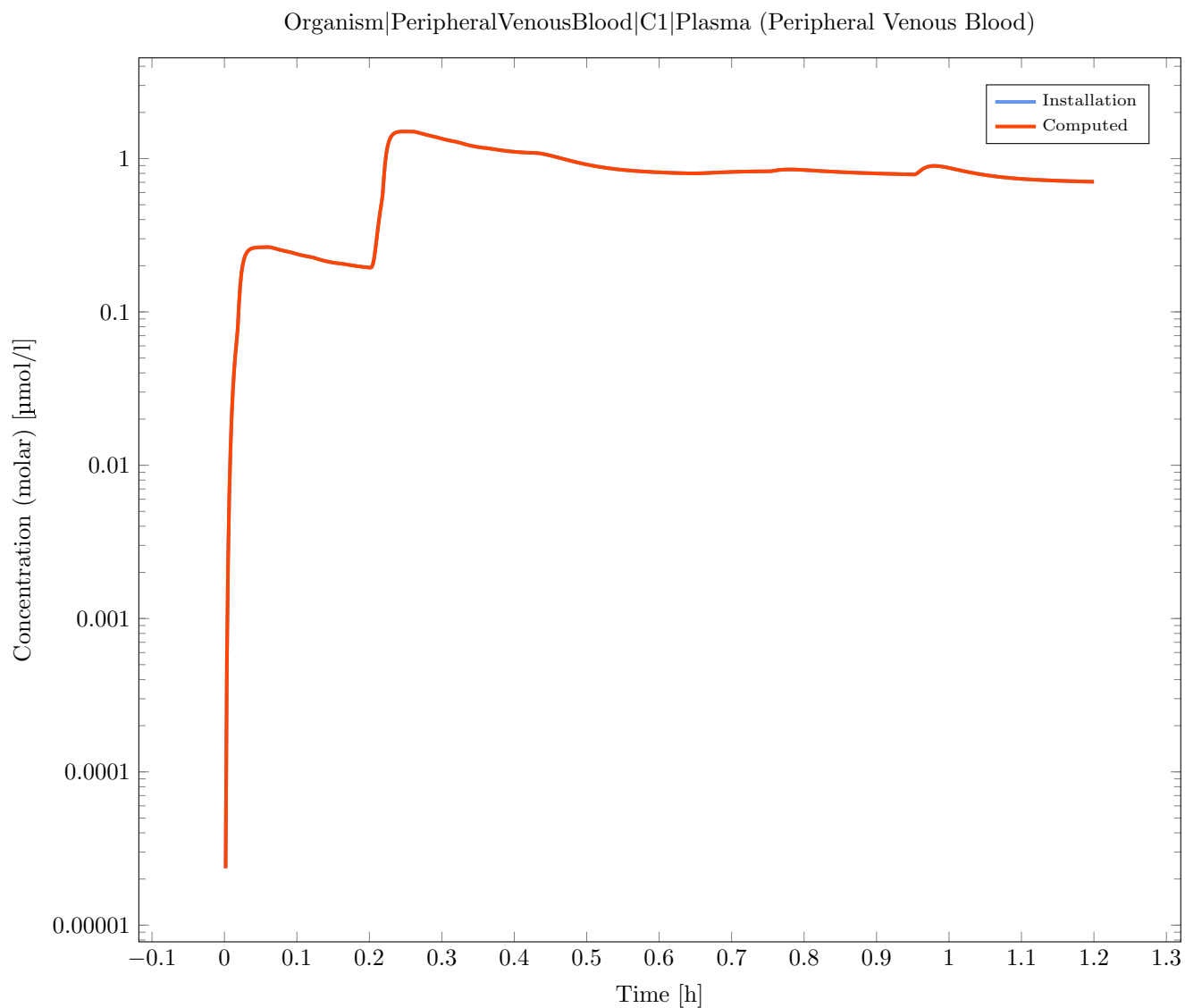**Figure 1.140**

Simulation: Human_Oral_BiDaily_TableFormulation-S2_NoSuspension
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 0

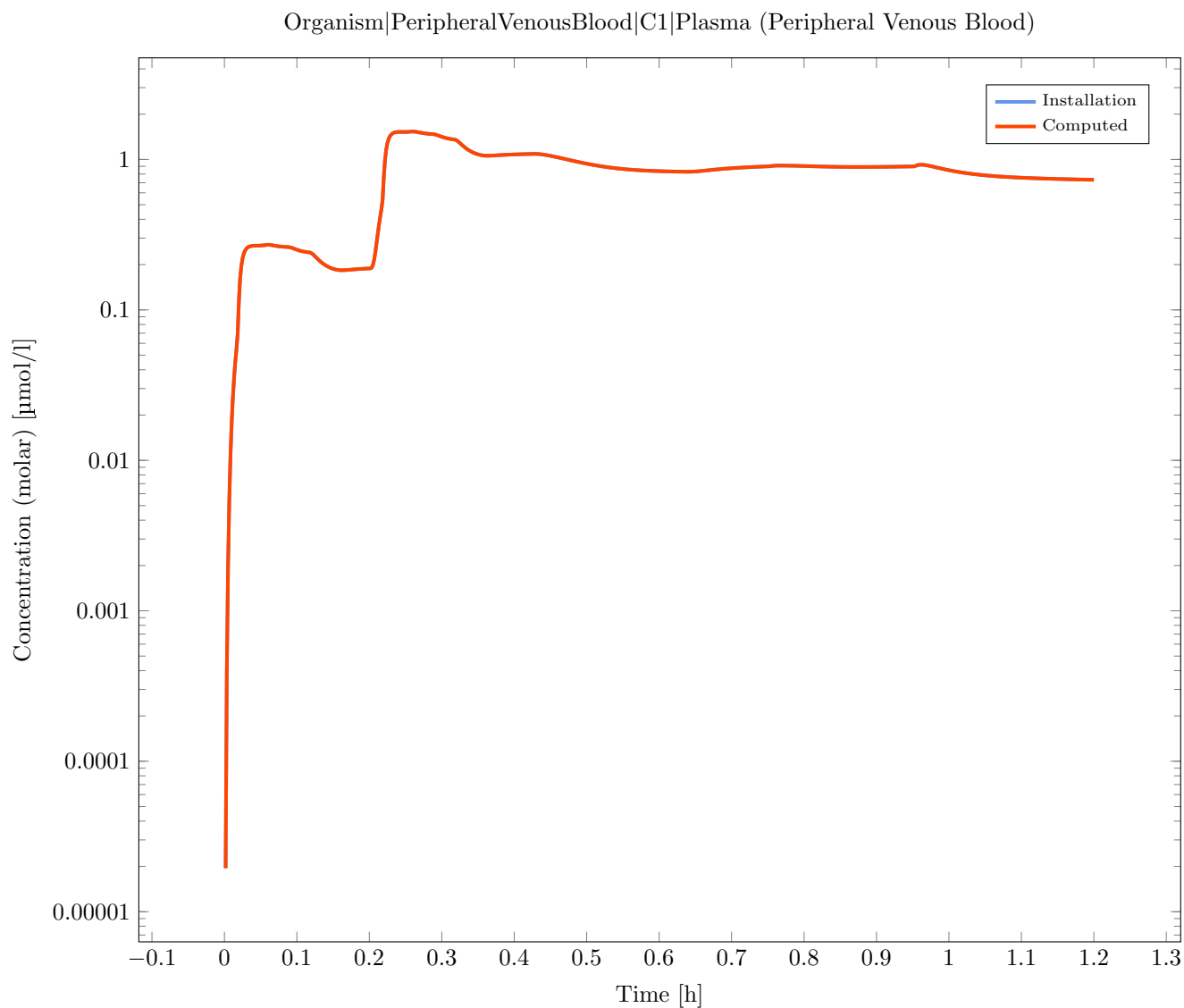Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.141

Simulation: Human_pH_SolubilityTable-S1_Table
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 1.12E-5

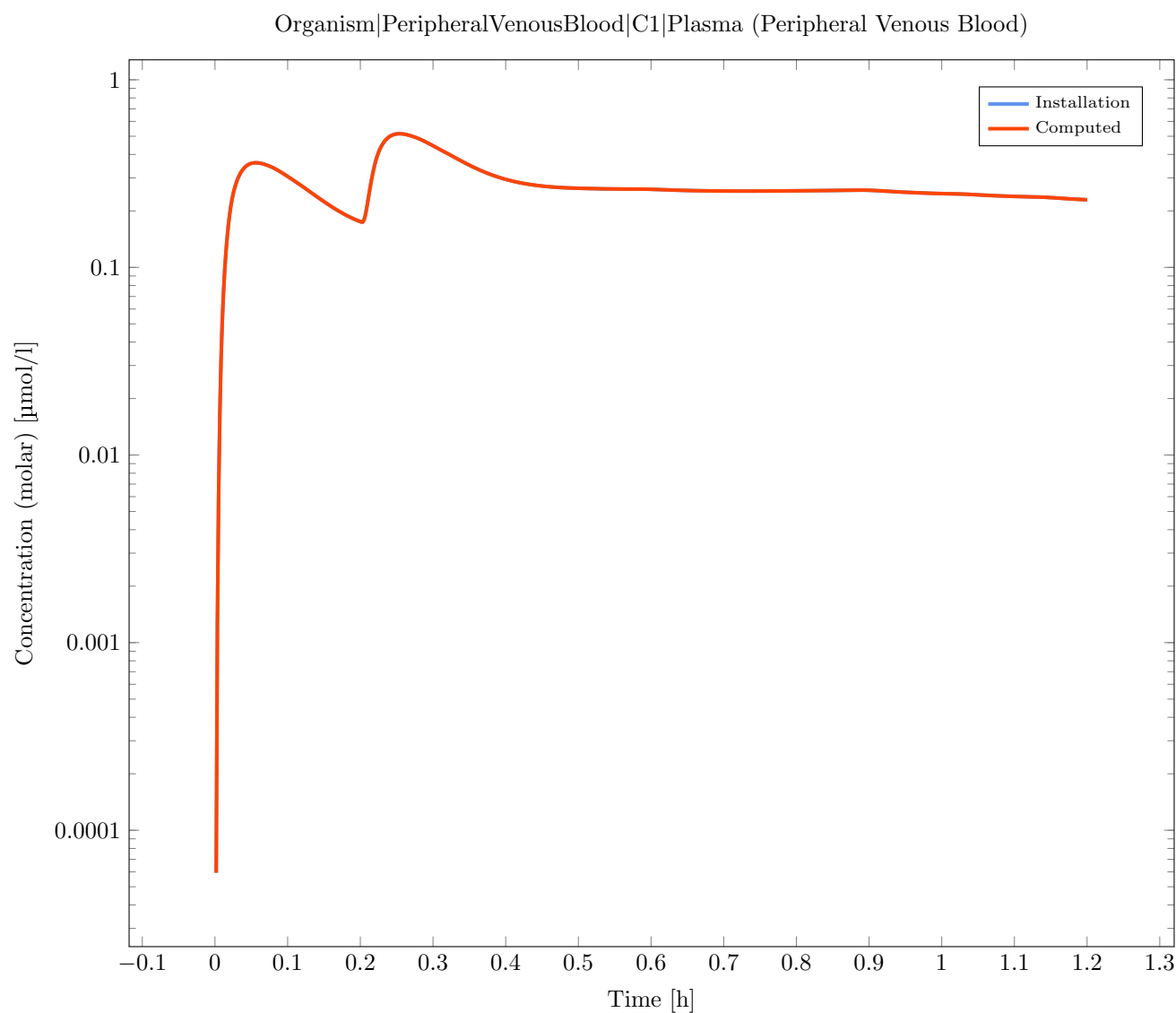Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.142

Simulation: Human_pH_SolubilityTable-S2_Measurement
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.143

Simulation: Human_pH_SolubilityTable-S3_Table_SolubilityChanged
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 3.58E-6

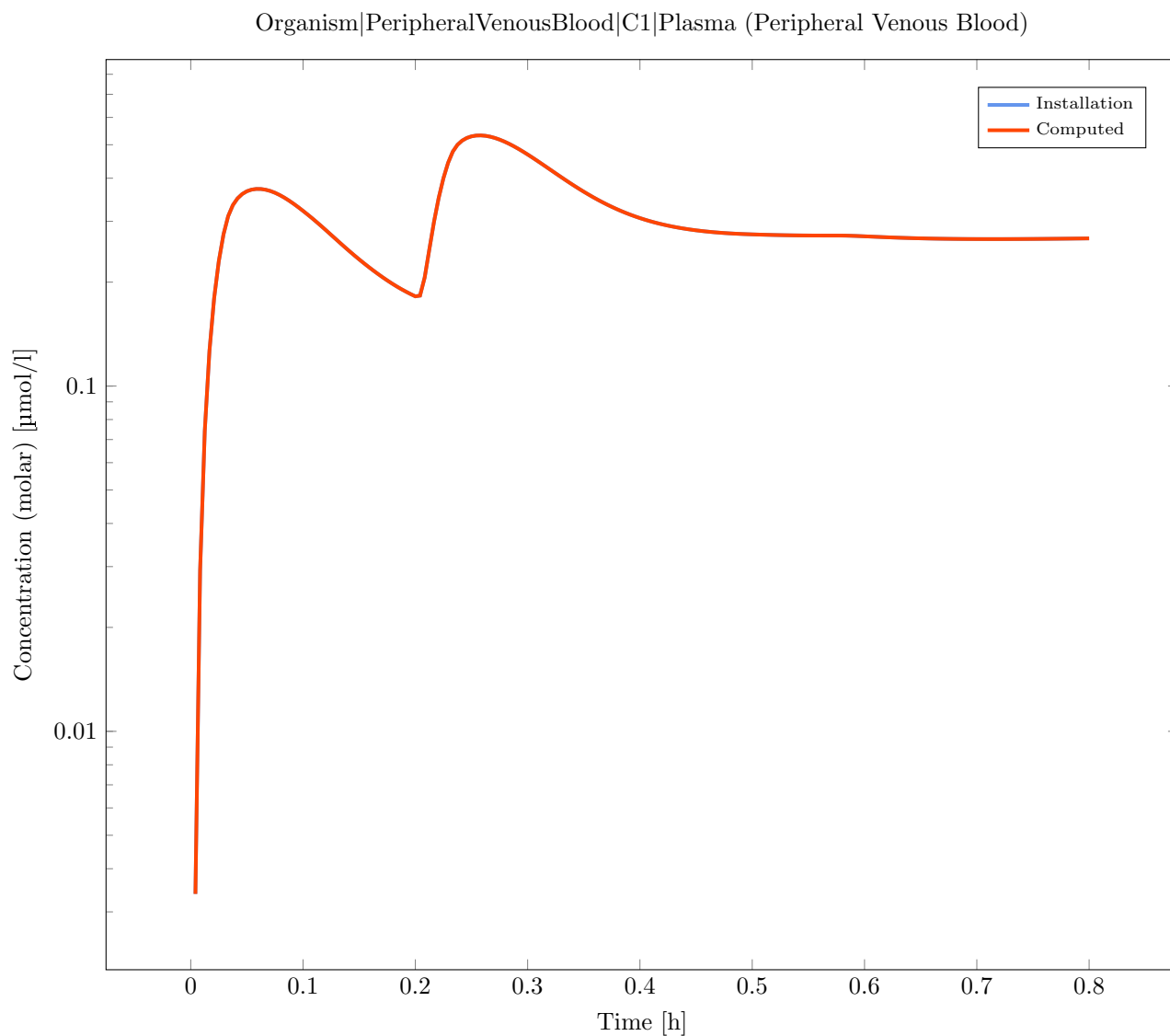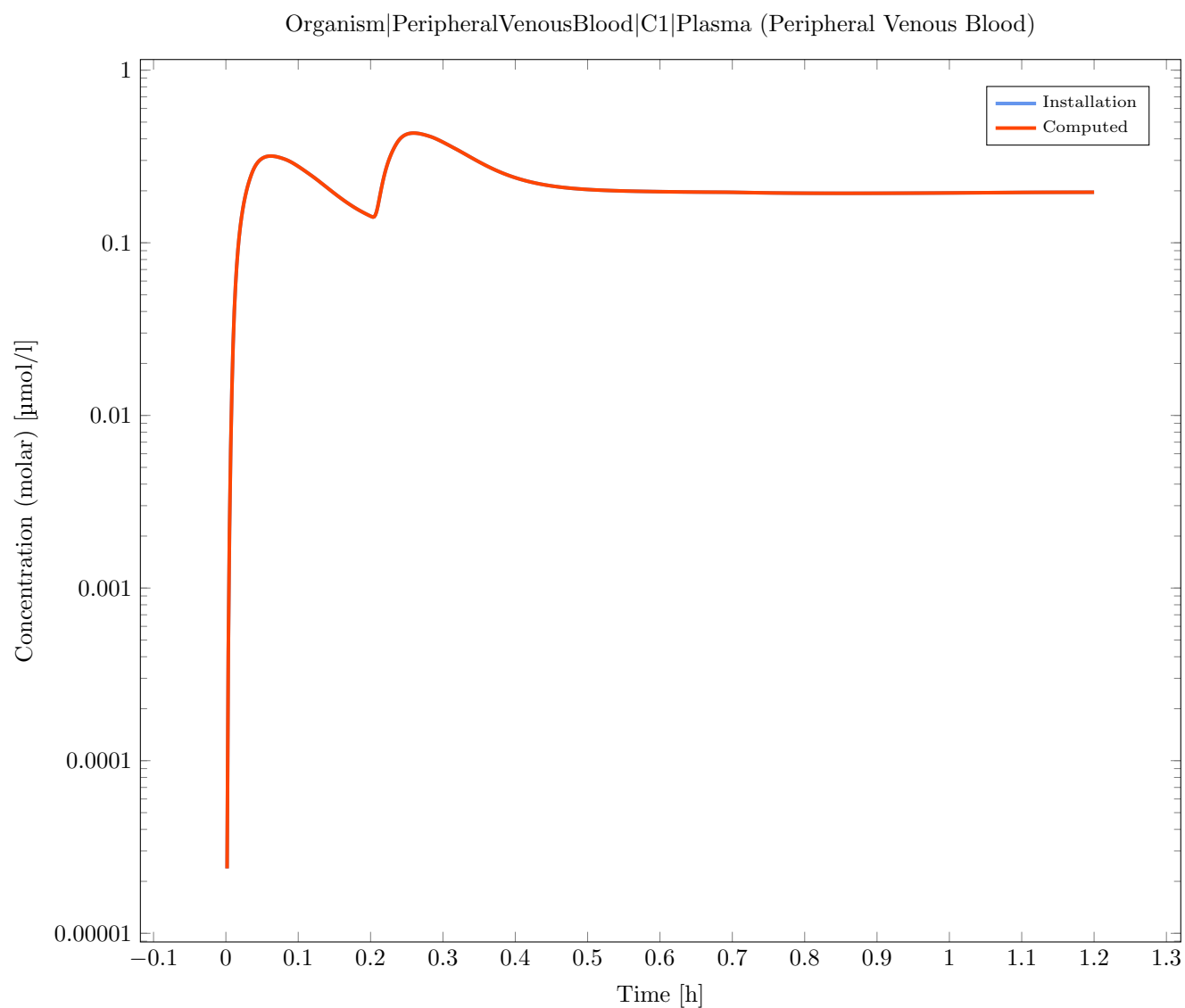Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.144

Simulation: Human_pH_SolubilityTable-S4_Table_SolubilityTableChanged
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 8.65E-8

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

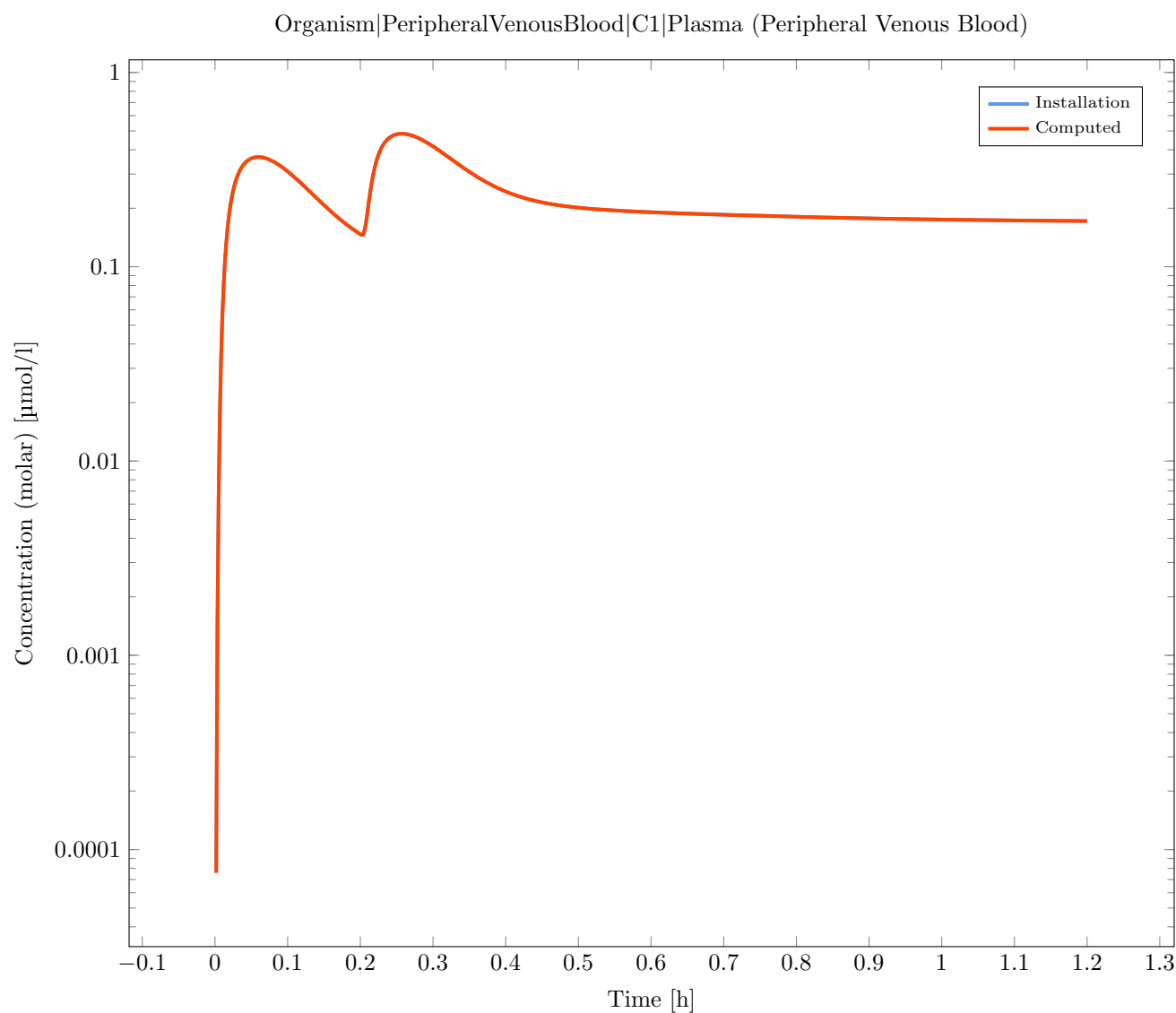**Figure 1.145**

Simulation: Human_SingleIV_Configuration-Human_SingleIV_Configuration
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

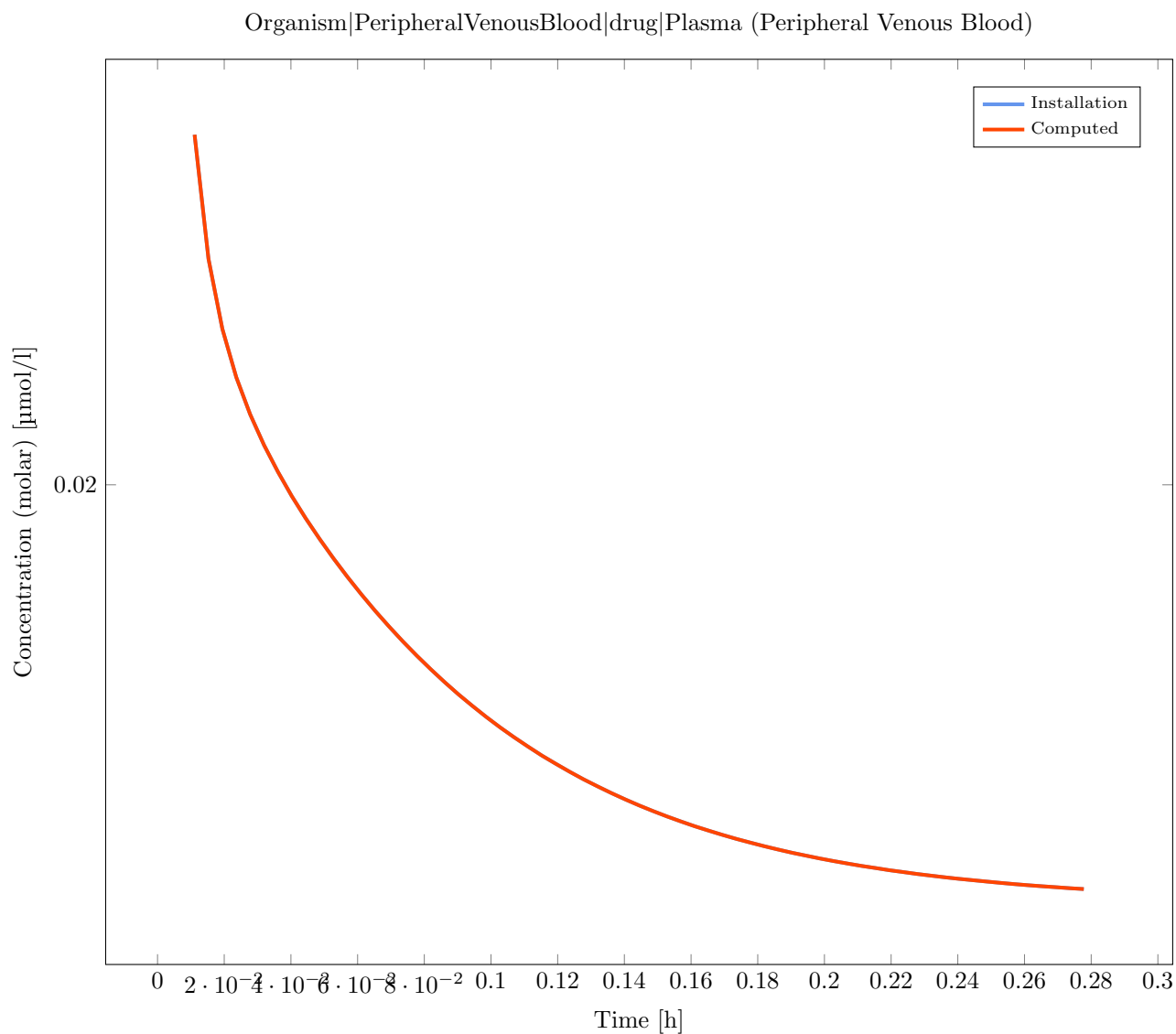Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.146

Simulation: Human_SingleIV-Human_SingleIV
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.147

Simulation: Human_SingleIV-Human_SingleIV_MW_200_fu_0.2_LogP_5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

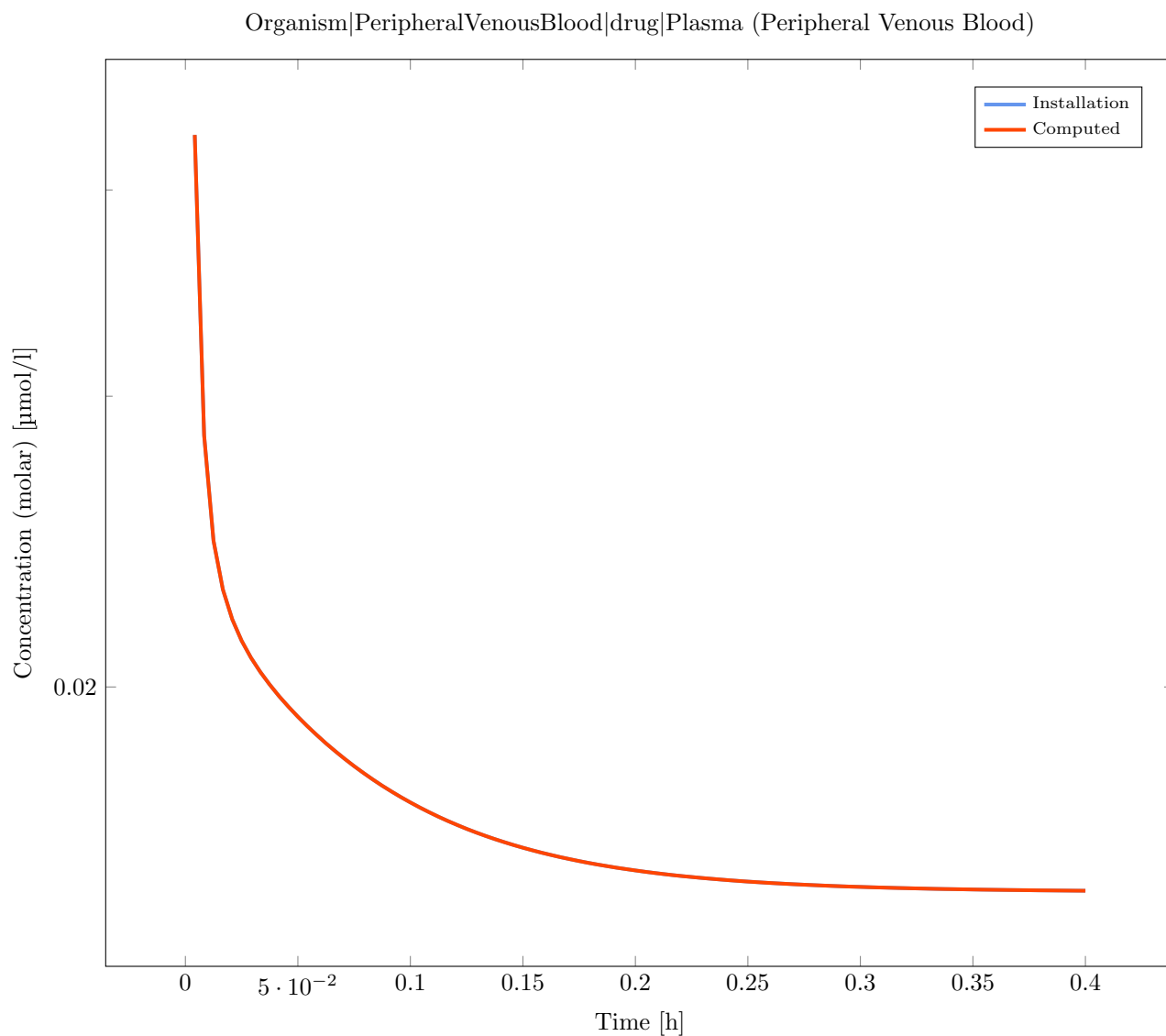Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.148

Simulation: Human_SingleIV-Human_SingleIV_MW_800_fu_0.6_LogP_-5
Result of the validation: Valid

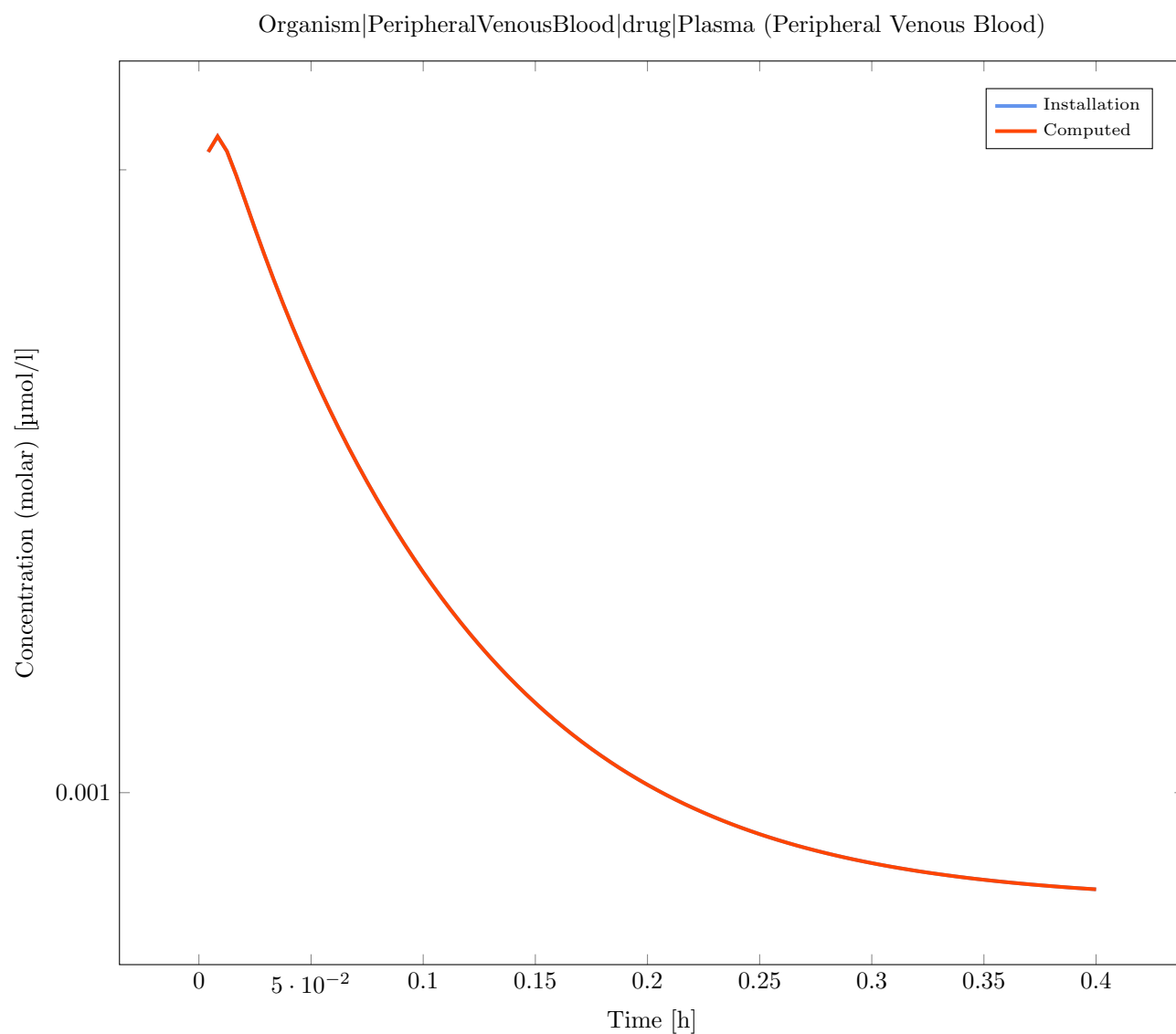**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.149

Simulation: Human_SingleORAL_Dissolved_PlasmaClearance-Human_SingleORAL_Dissolved_PlasmaCleara
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.150

Simulation: Human_SingleORAL_Dissolved_PlasmaClearance-Human_SingleORAL_Dissolved_PlasmaClearance_MW_200_fu_0.2_LogP_5

Result of the validation: Valid

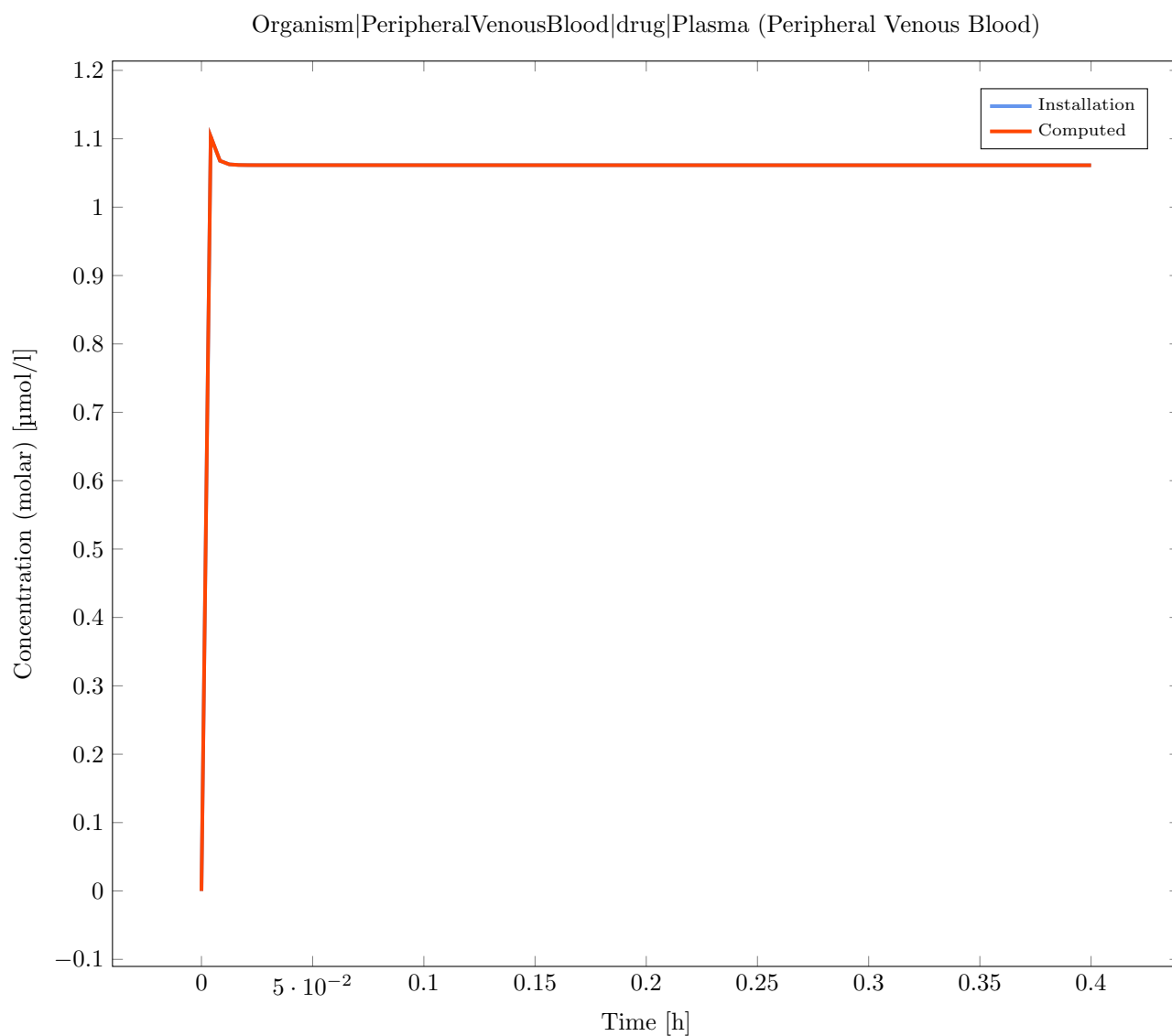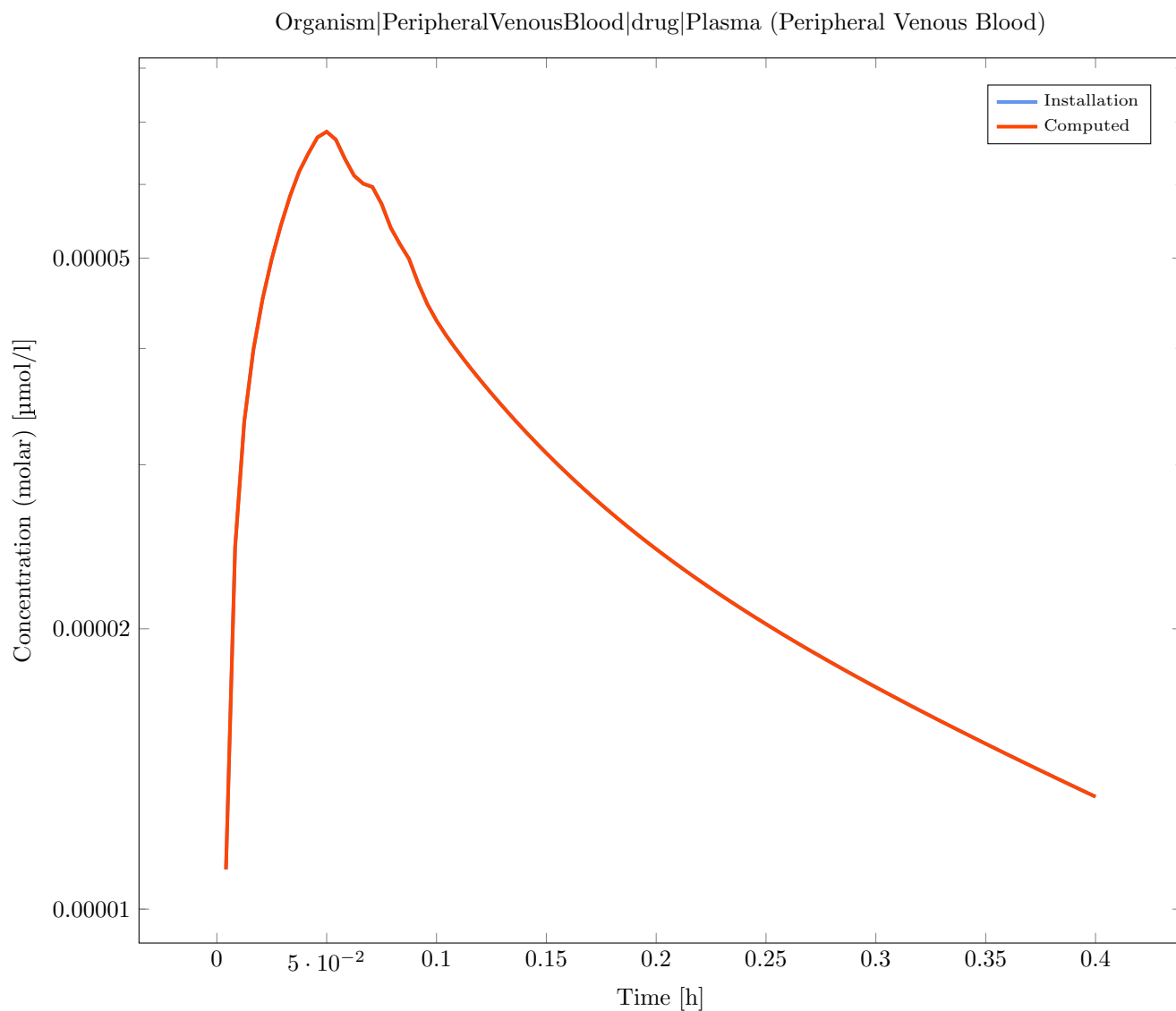**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.151

**Simulation: Human_SingleORAL_Dissolved_PlasmaClearance-Human_SingleORAL_Dissolved_PlasmaCleara
MW_800_fu_0.6_LogP_-5**
Result of the validation: Valid

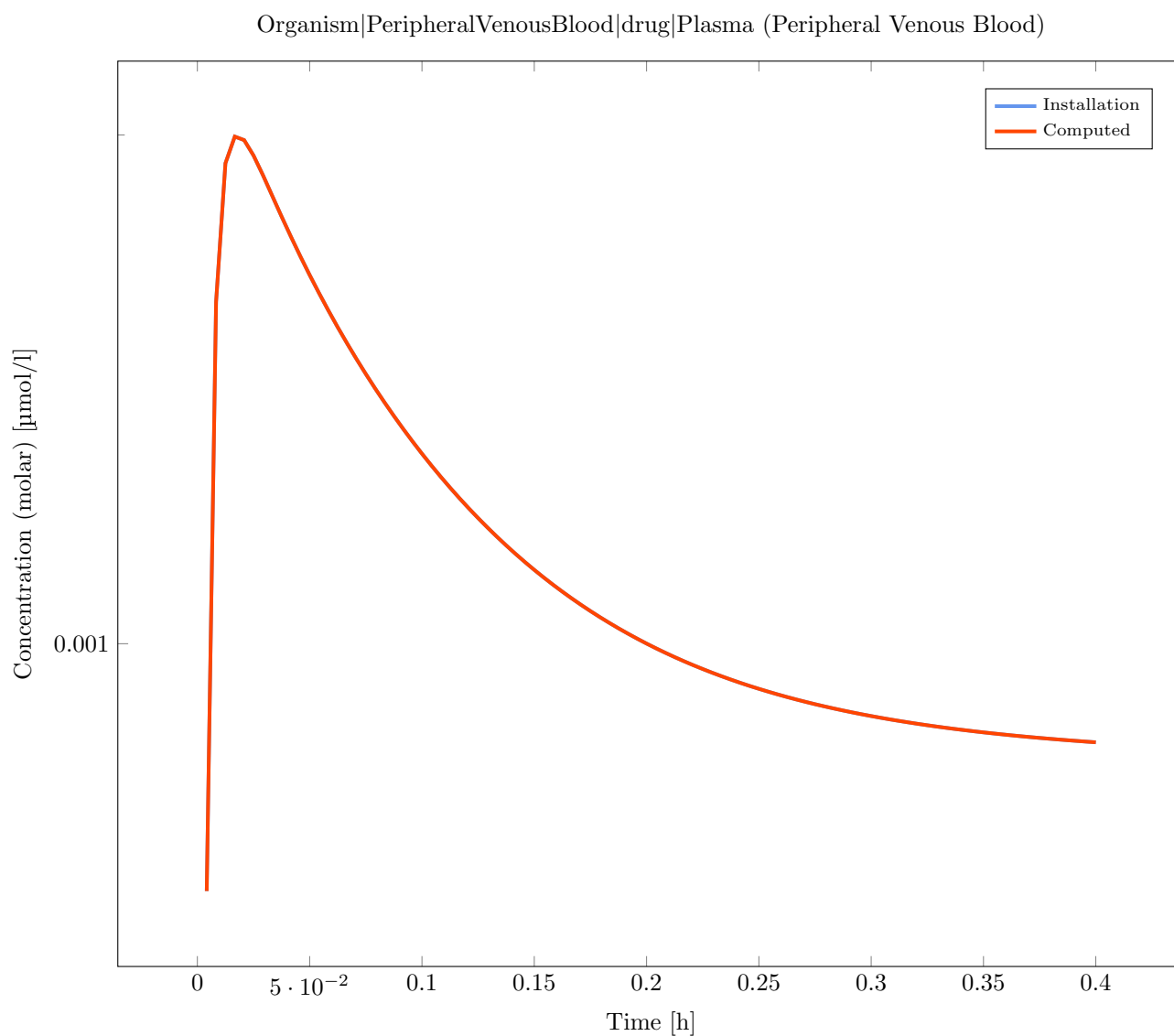**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.152

Simulation: Human_SingleORAL_Dissolved-Human_SingleORAL_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.17E-6

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.153

Simulation: Human_SingleORAL_Dissolved-Human_SingleORAL_Dissolved_MW_200_fu_0.2_LogP_-5

Result of the validation: Valid

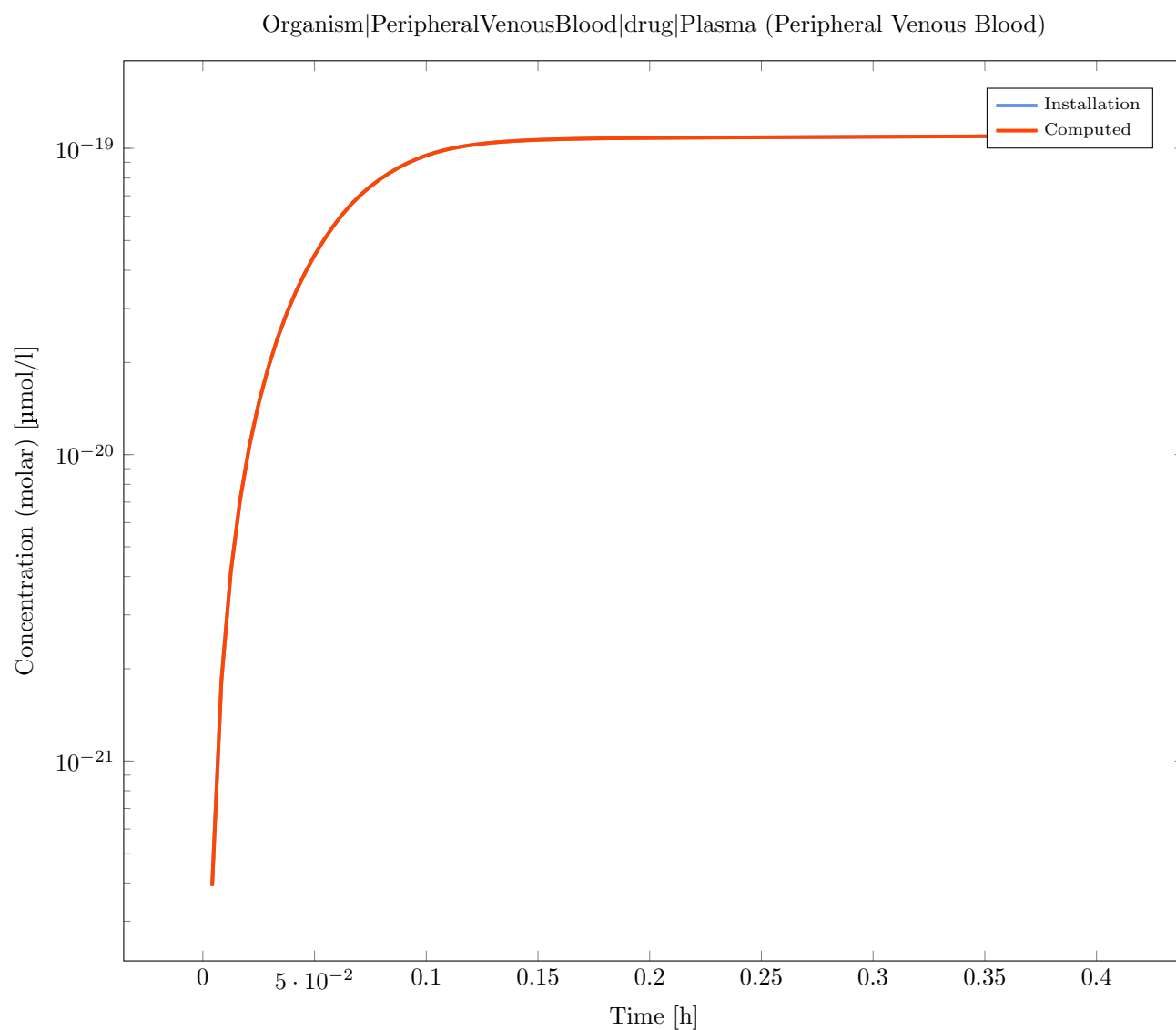**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**

Deviation: 0

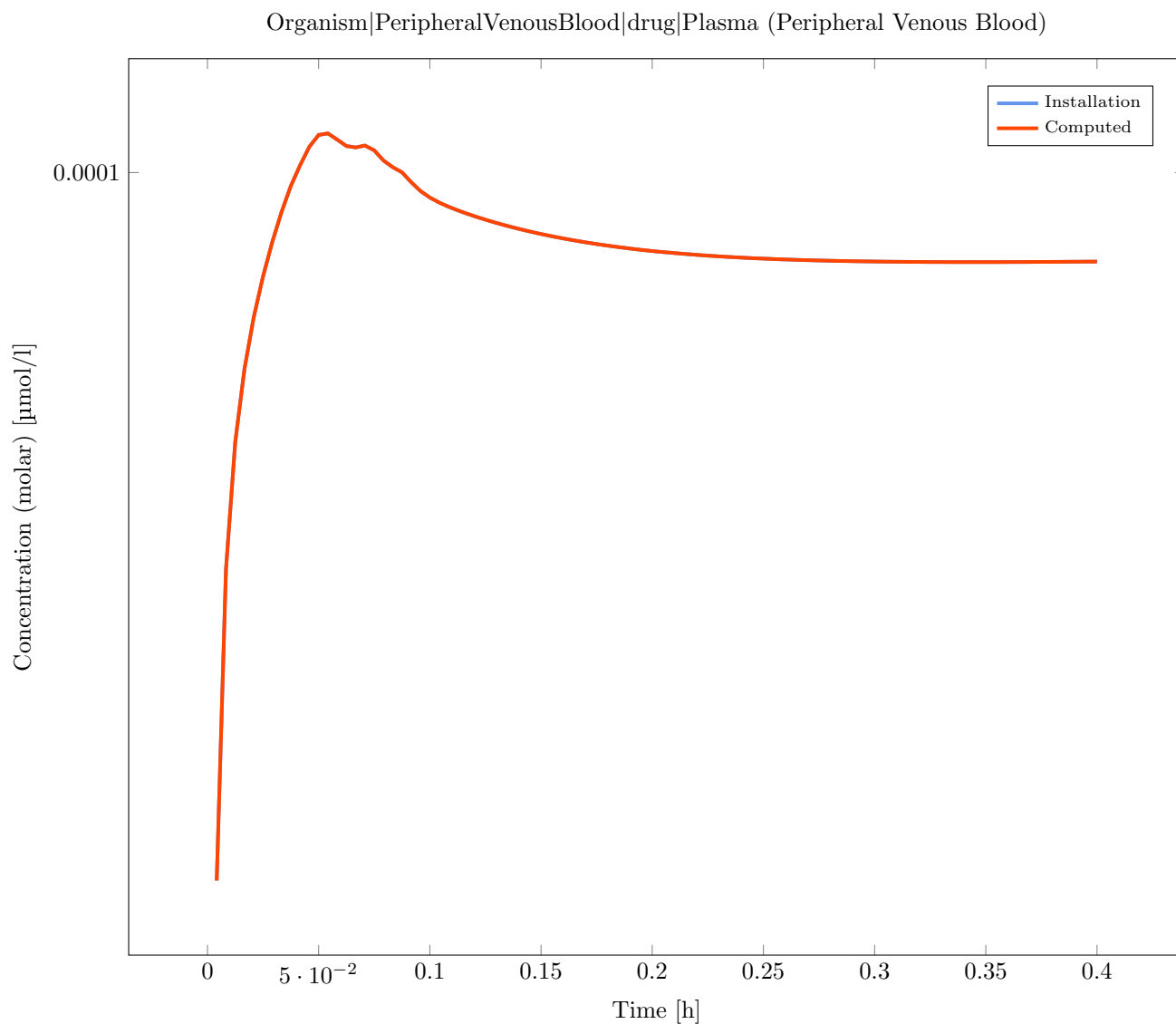Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.154

**Simulation: Human_SingleORAL_Dissolved-Human_SingleORAL_Dissolved_MW_800_fu_0.6_LogP_-
-5**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
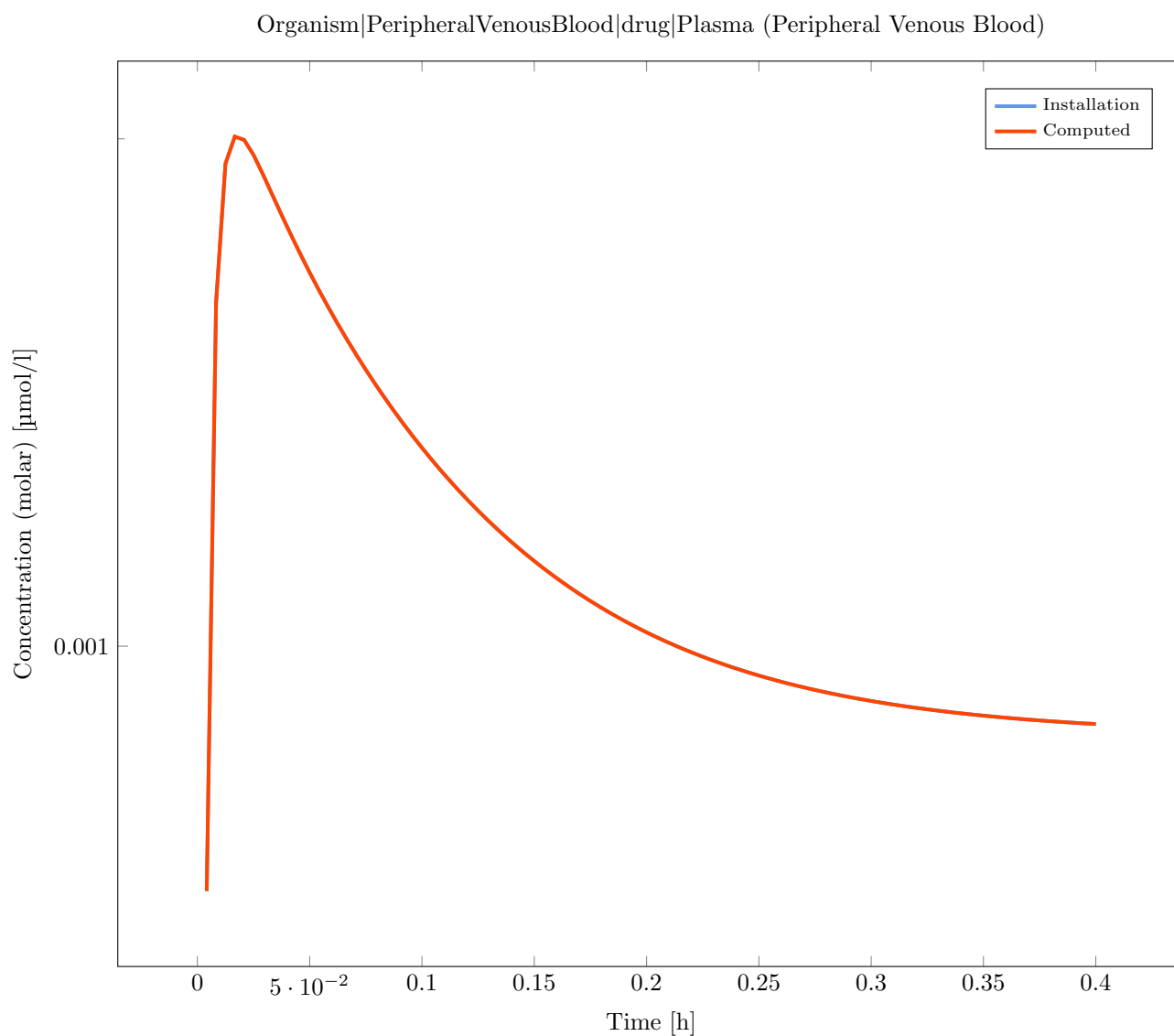Deviation: 0

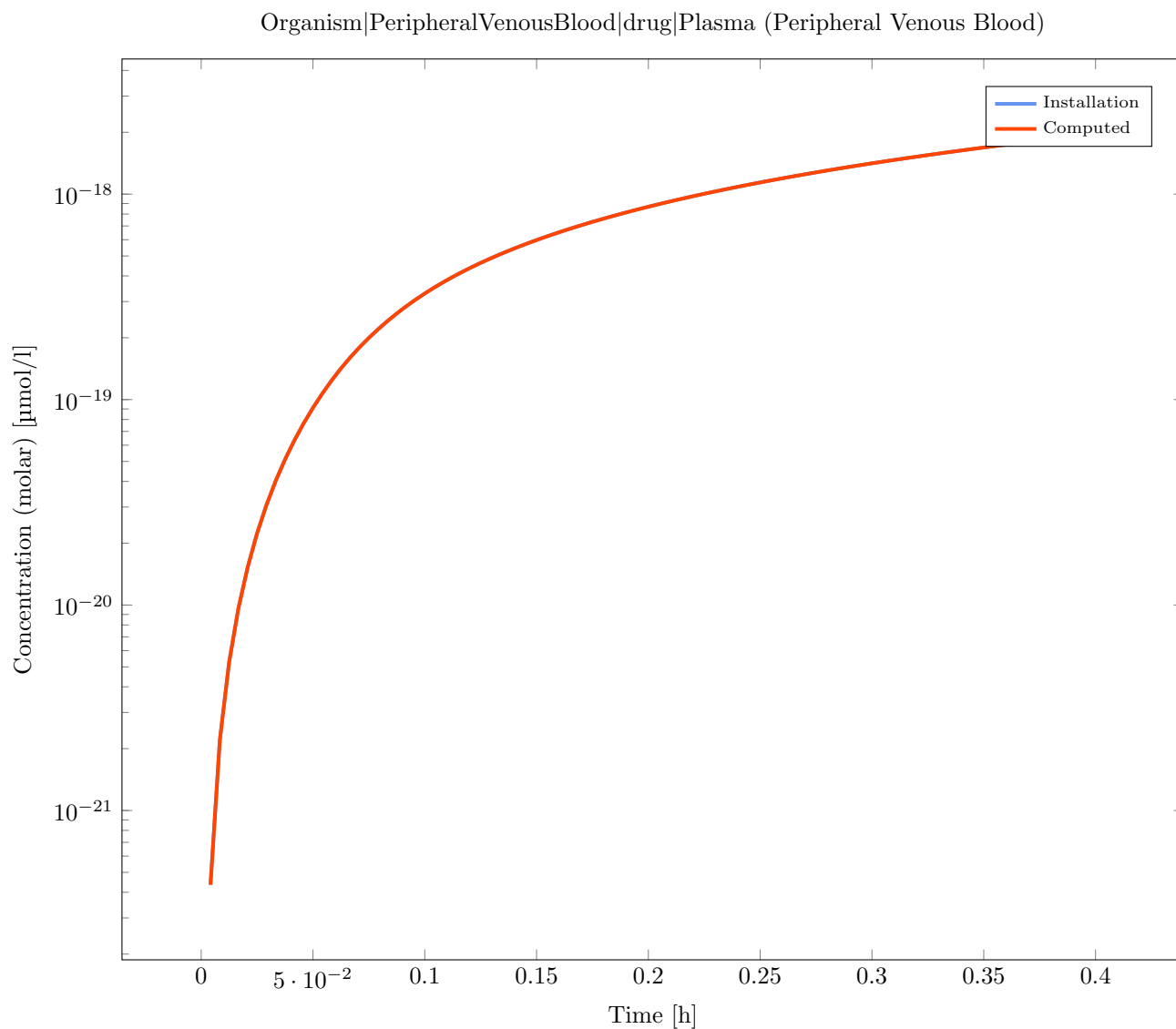Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.155

Simulation: Human_SingleORAL_Lint80_AsSuspention-Human_SingleORAL_Lint80_AsSuspention
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

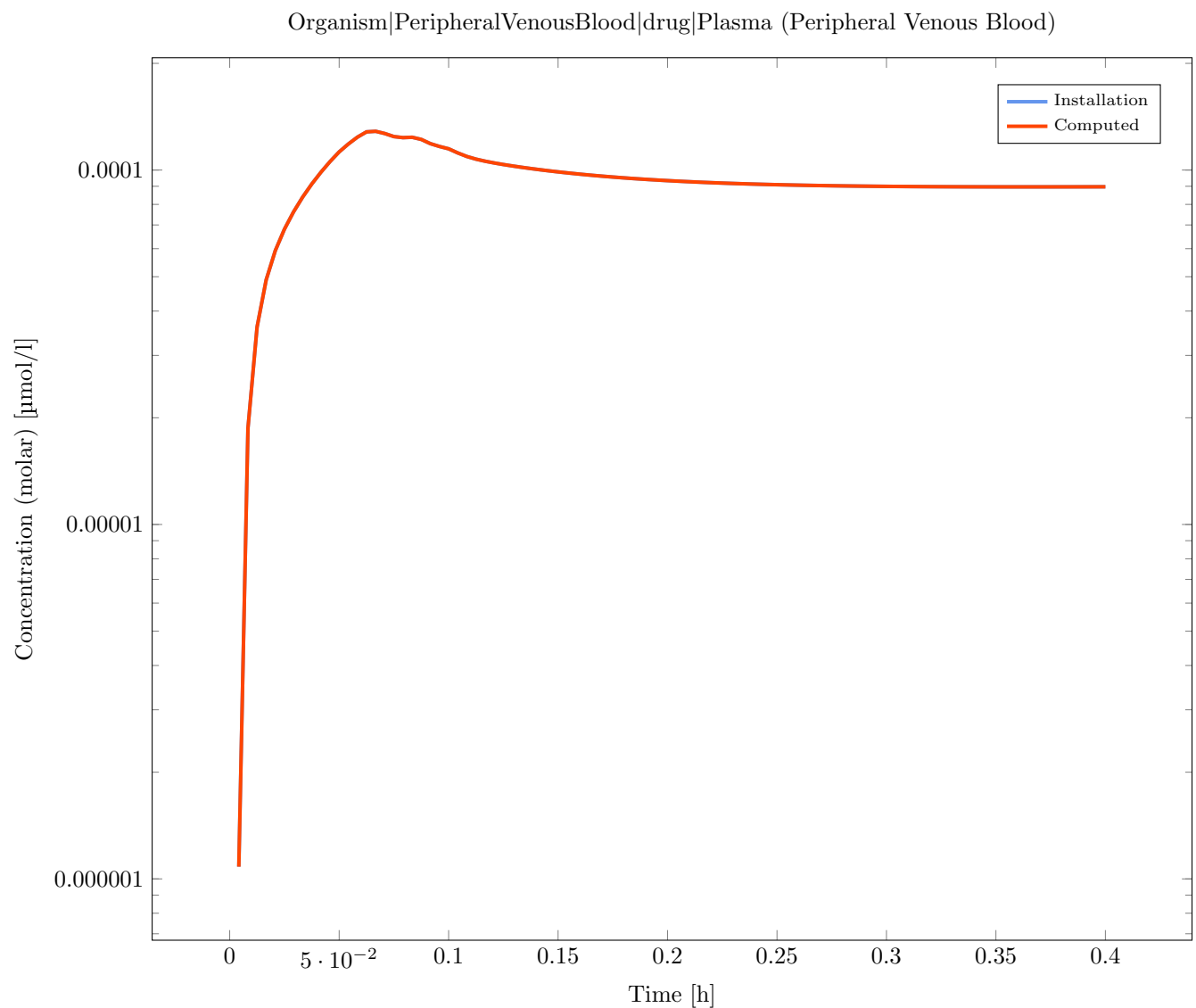Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.156

Simulation: Human_SingleORAL_Lint80-Human_SingleORAL_Lint80
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

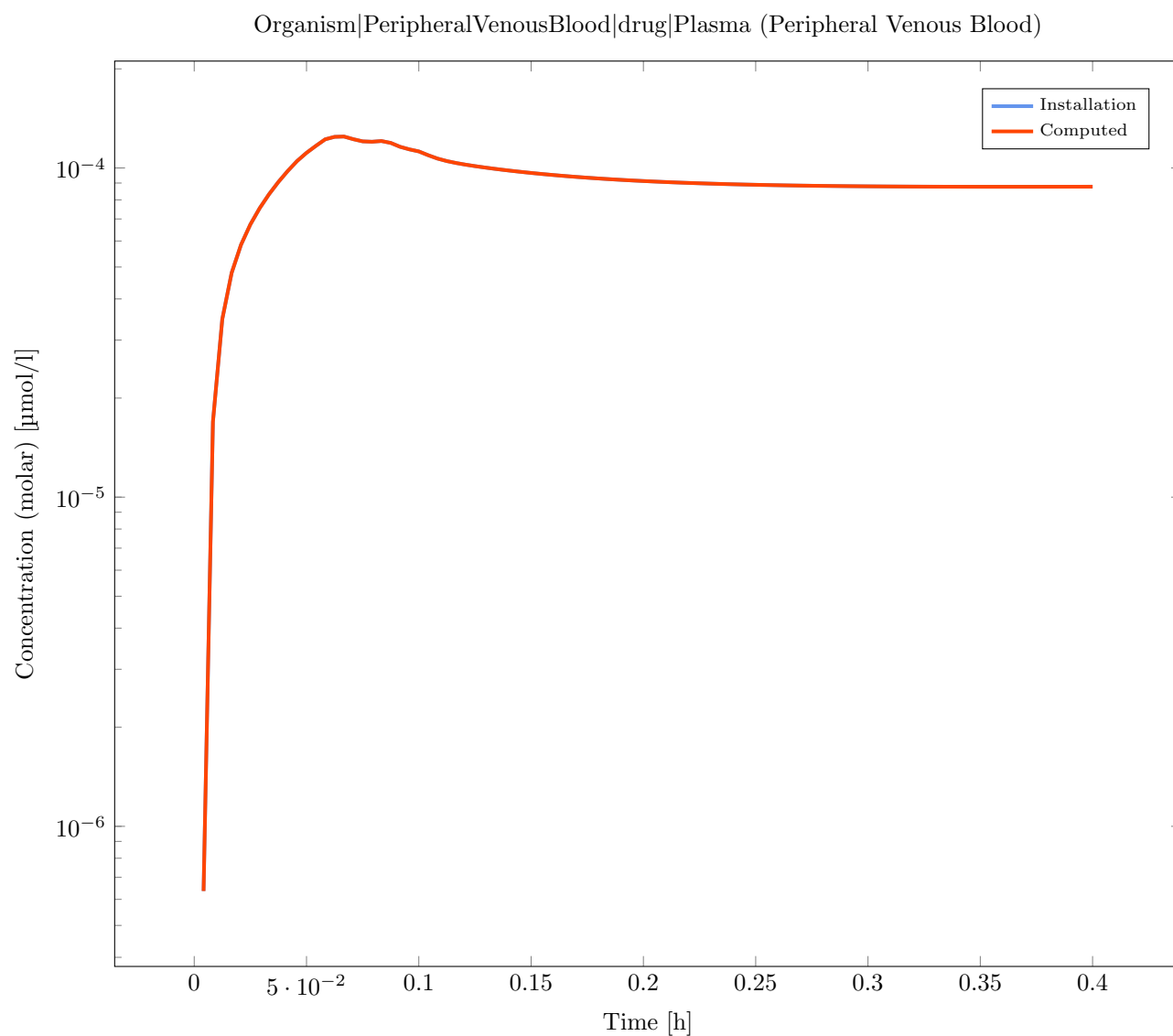Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.157

Simulation: Human_SingleORAL_MonoParticles_AsSuspention-Human_SingleORAL_MonoParticles_-AsSuspention
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.158

**Simulation: Human_SingleORAL_PolyParticlesLogNormal_AsSuspention-Human_SingleORAL_-
PolyParticlesLogNormal_AsSuspention**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 8.76E-8
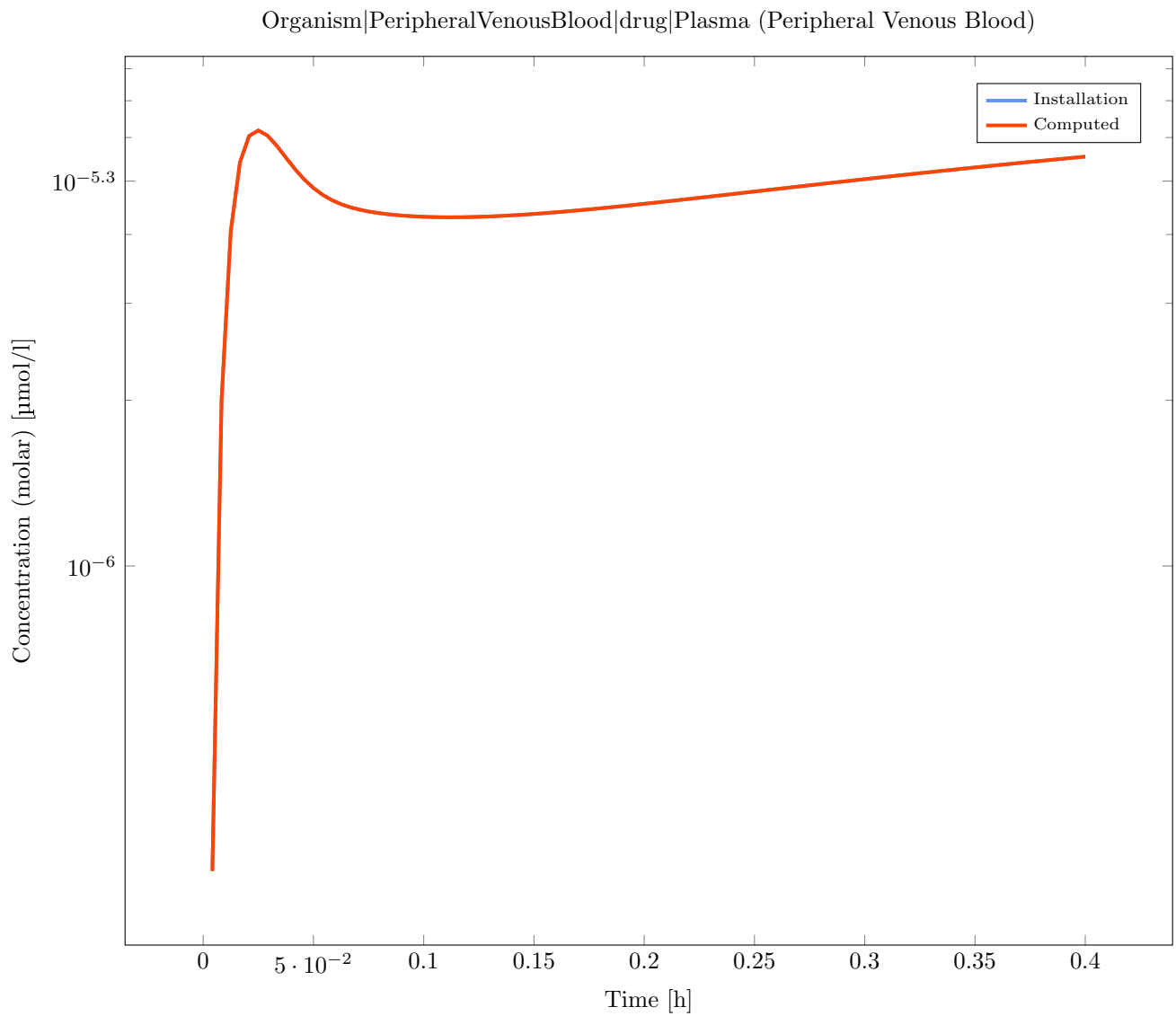
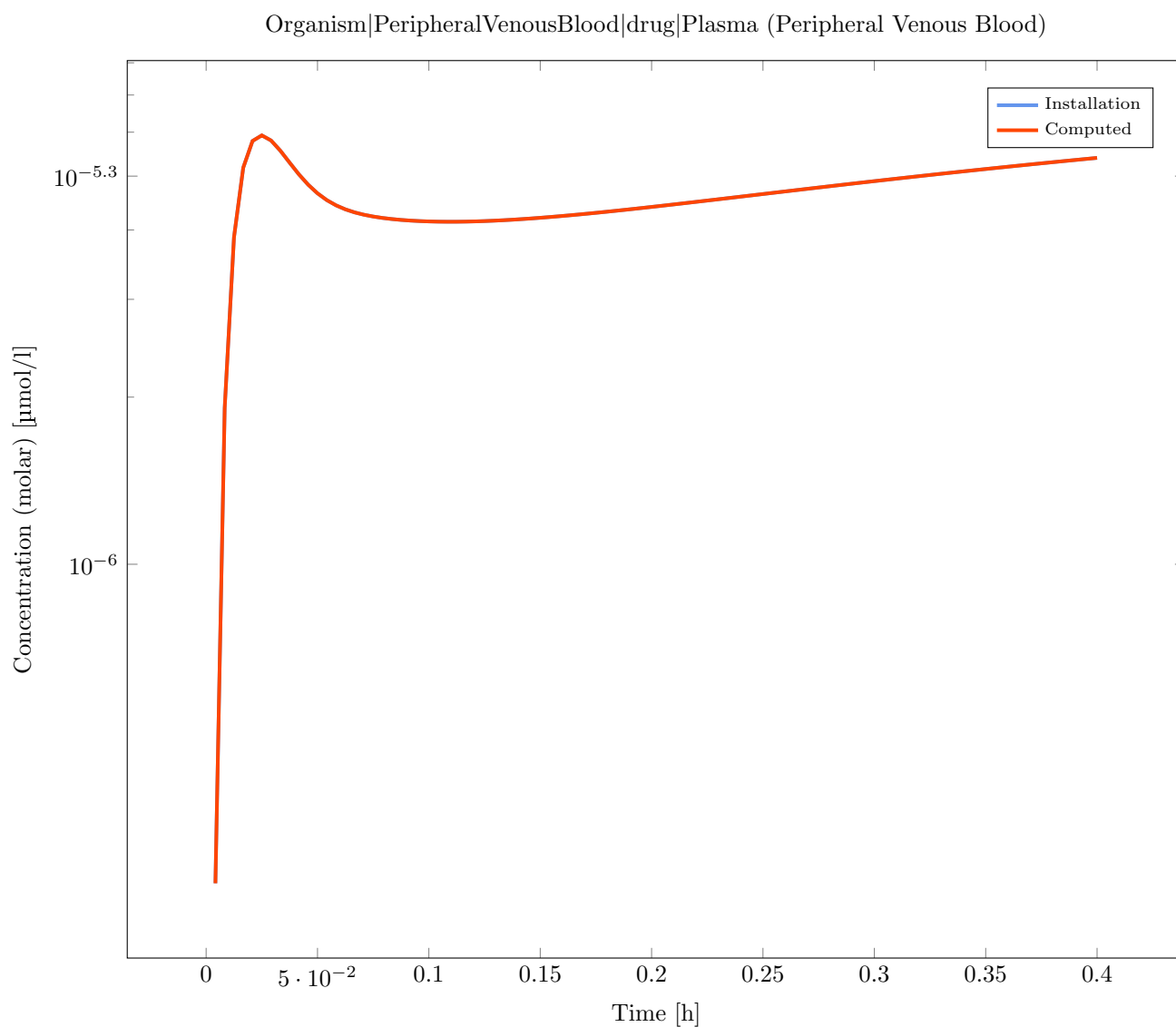Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.159

Simulation: Human_SingleORAL_PolyParticlesNormal_AsSuspention-Human_SingleORAL_PolyParticlesNormal_AsSuspention
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
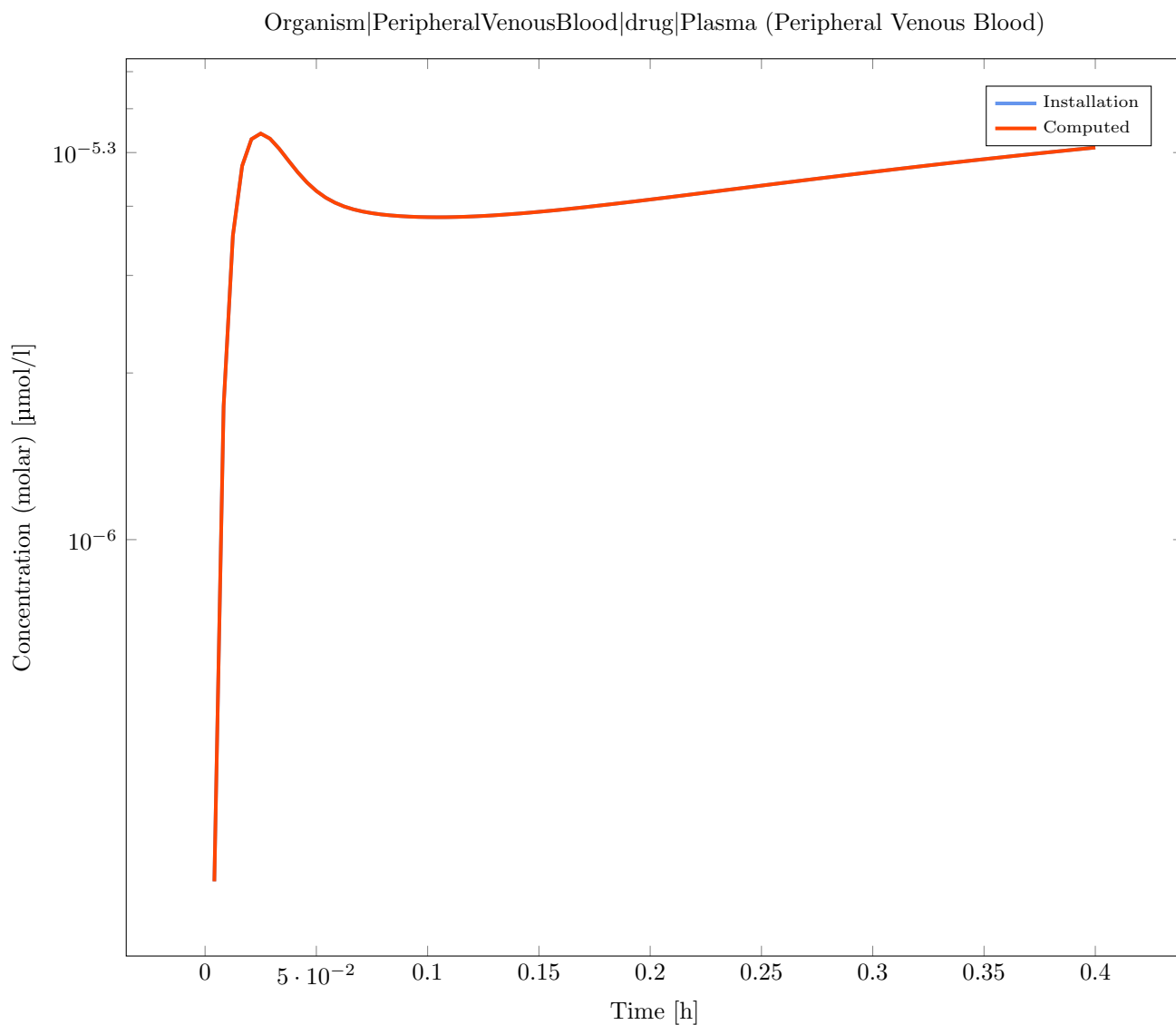Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.160

Simulation: Human_SingleORAL_PolyParticlesNormal_AsSuspention-Human_SingleORAL_PolyParticlesNor AsSuspention_dissolved_radius
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
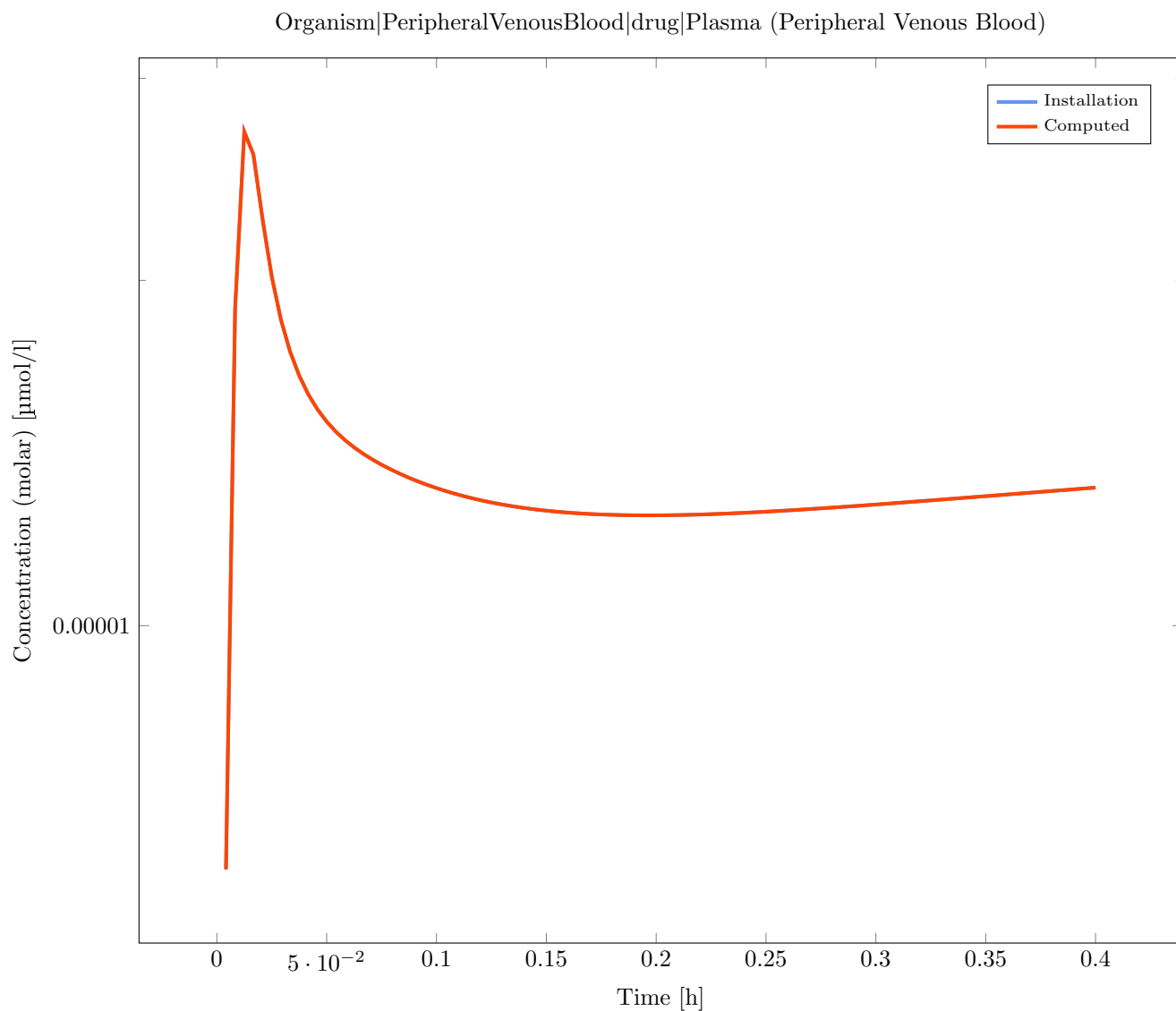Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.161

Simulation: Human_SingleORAL_PolyParticlesNormal_AsSuspention-Human_SingleORAL_PolyParticlesNormal_AsSuspention_treat_precipated_drug_as_soluble
Result of the validation: Valid

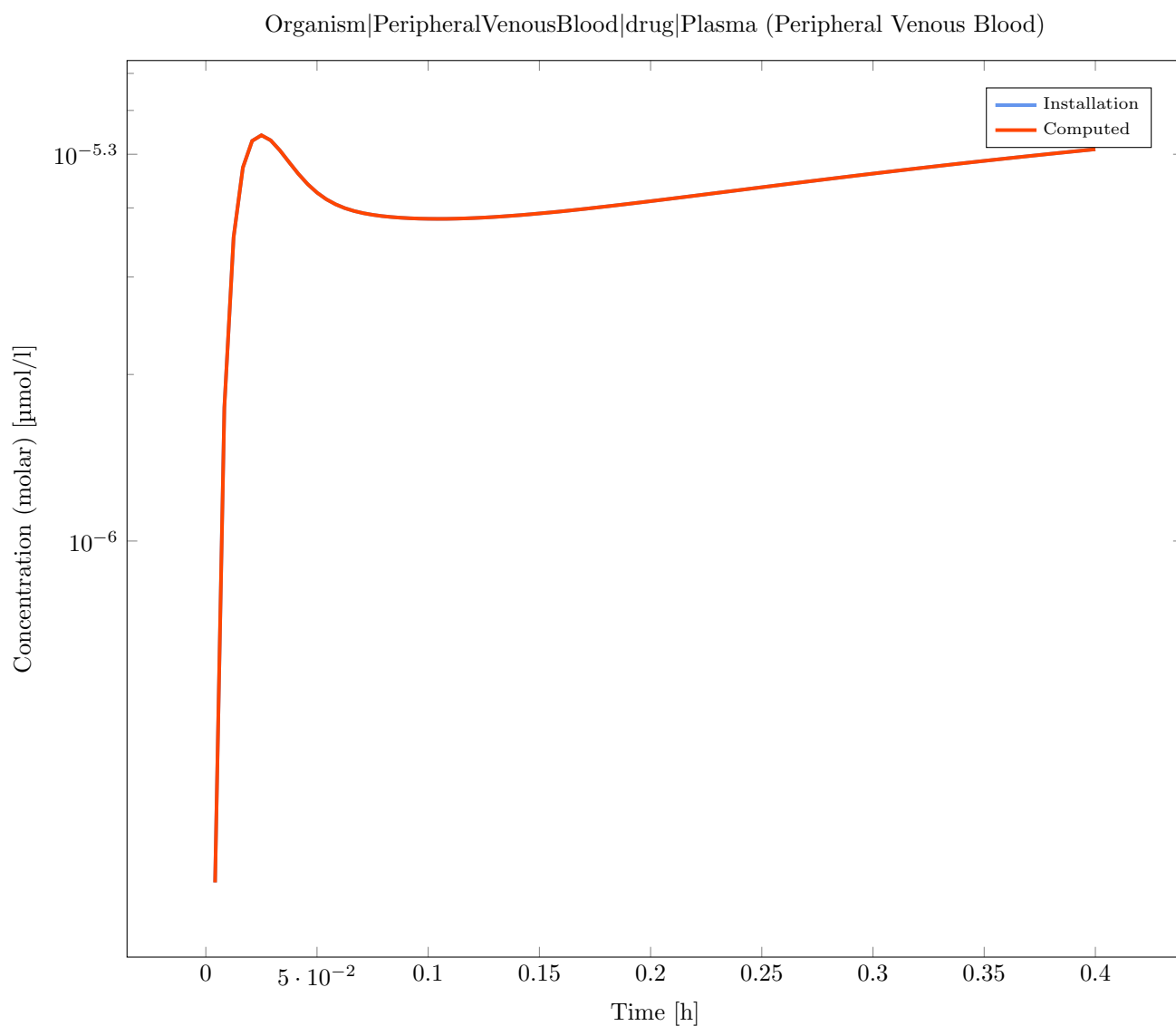**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.162

Simulation: Human_SingleORAL_Weibull_AsSuspention-Human_SingleORAL_Weibull_AsSuspention
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
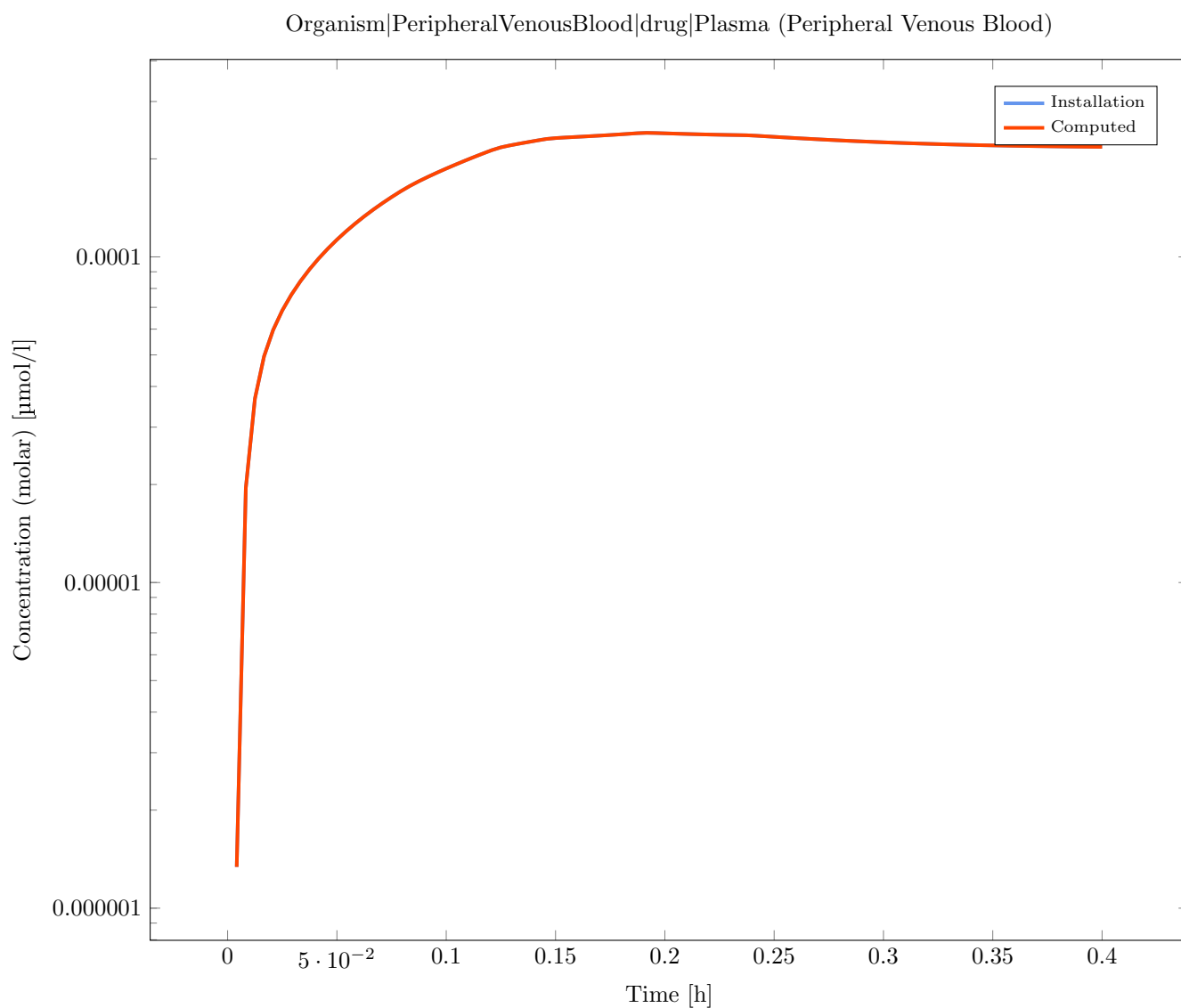Deviation: 8.81E-7

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.163

Simulation: Human_SingleORAL_Weibull_AsSuspention-Human_SingleORAL_Weibull_AsSuspention_-MW_200_fu_0.2_LogP_5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
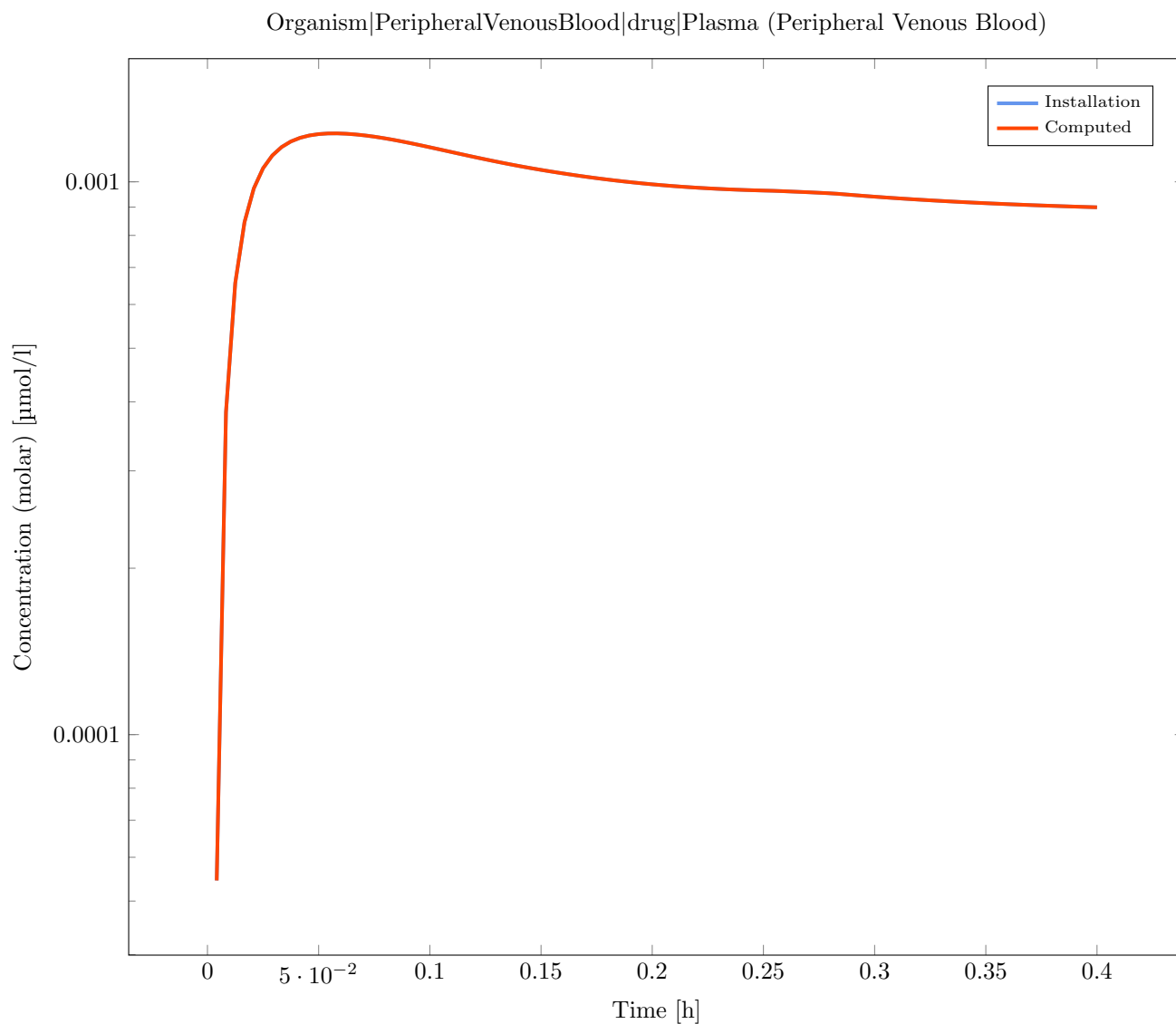Deviation: 7.51E-7

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.164

Simulation: Human_SingleORAL_Weibull_AsSuspention-Human_SingleORAL_Weibull_AsSuspention_-MW_800_fu_0.6_LogP_-5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

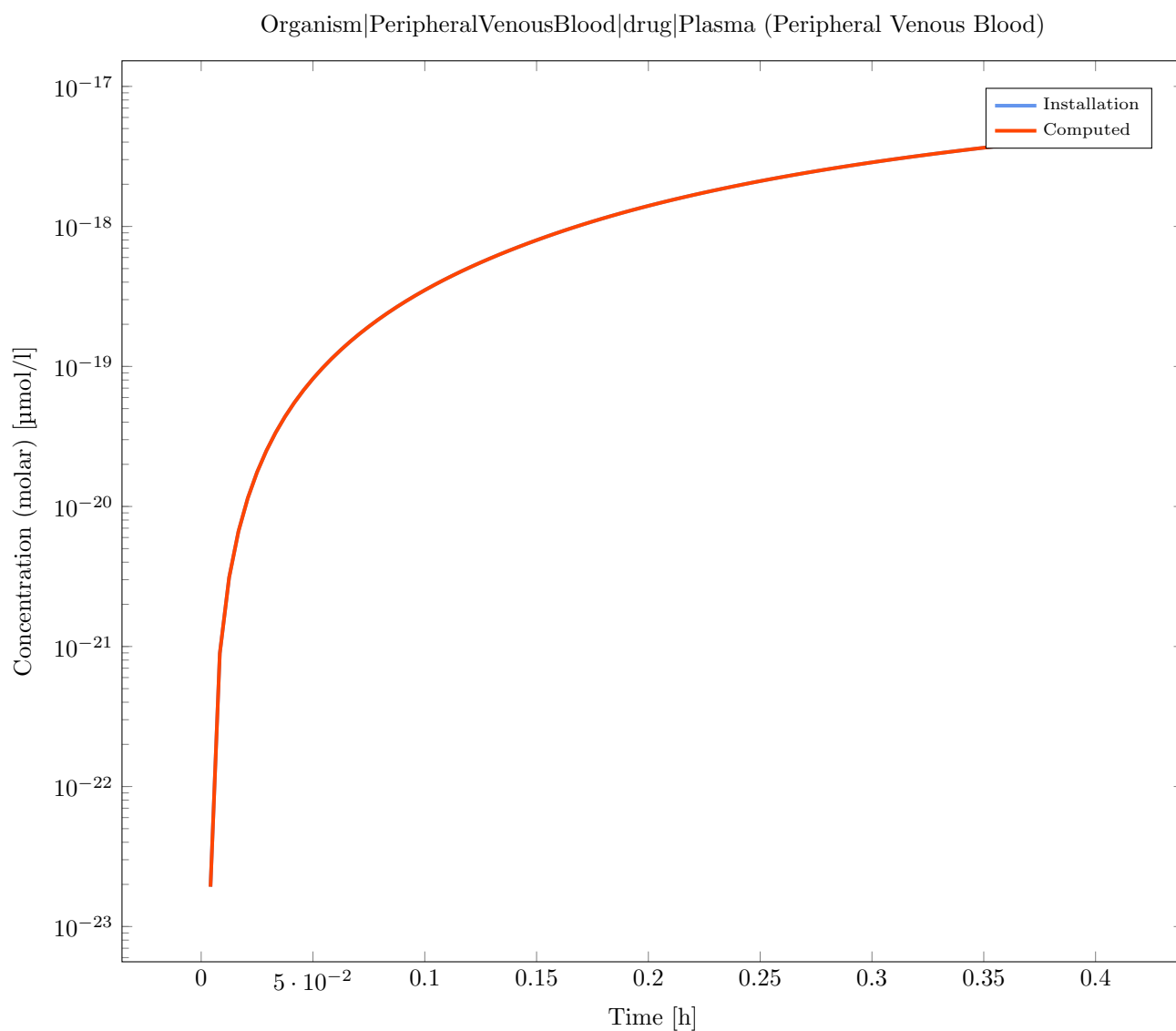Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.165

Simulation: Human_SingleORAL_Weibull–Human_SingleORAL_Weibull
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
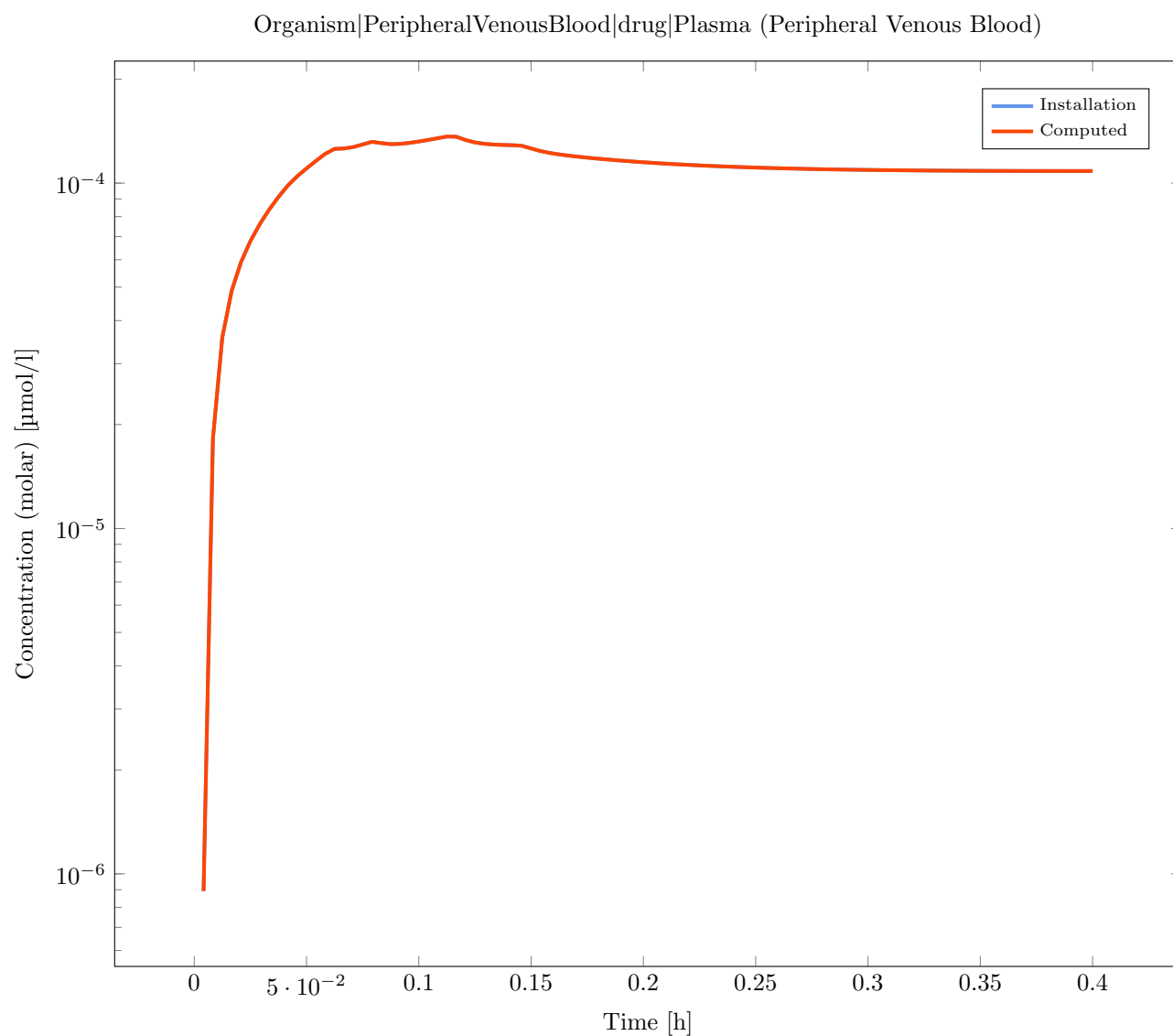Deviation: 2.31E-4

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.166

Simulation: Human_SingleORAL_Weibull–Human_SingleORAL_Weibull_MW_200_fu_0.2_LogP_5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
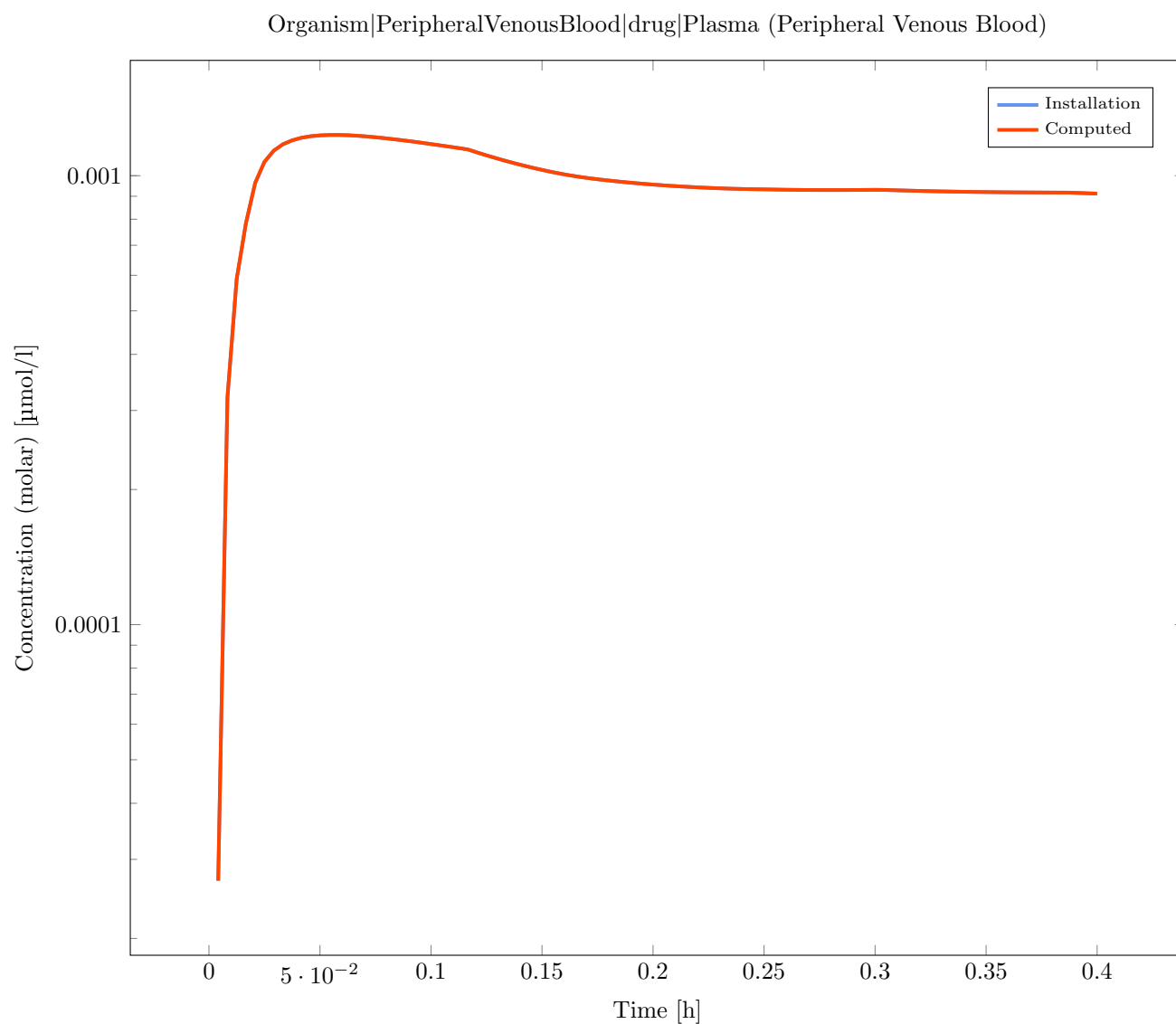Deviation: 5.01E-6

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.167

Simulation: Human_SingleORAL_Weibull-Human_SingleORAL_Weibull_MW_800_fu_0.6_LogP_-5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

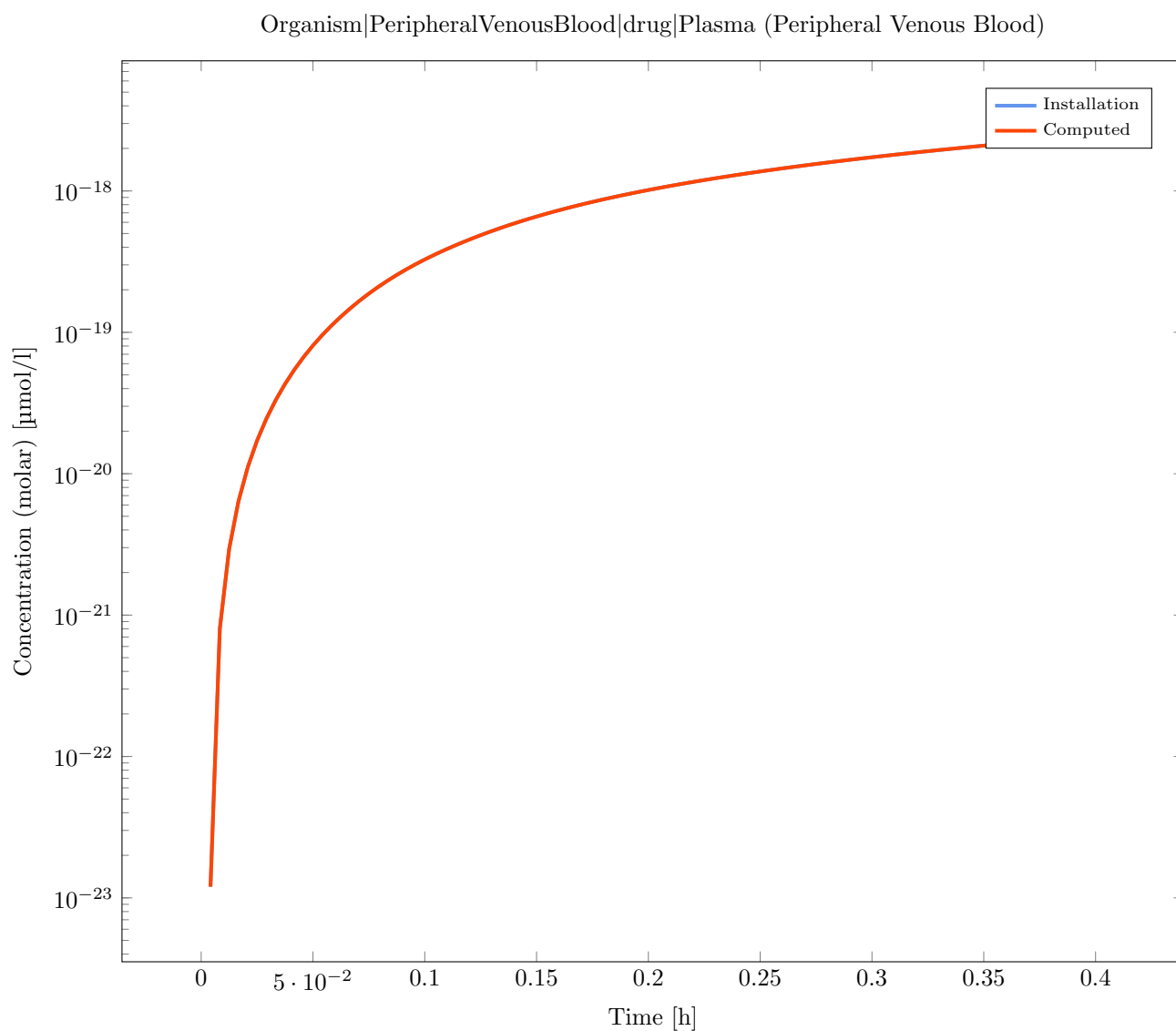Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.168

Simulation: Human_UncompetitiveInhibition-Human_UncompetitiveInhibition
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
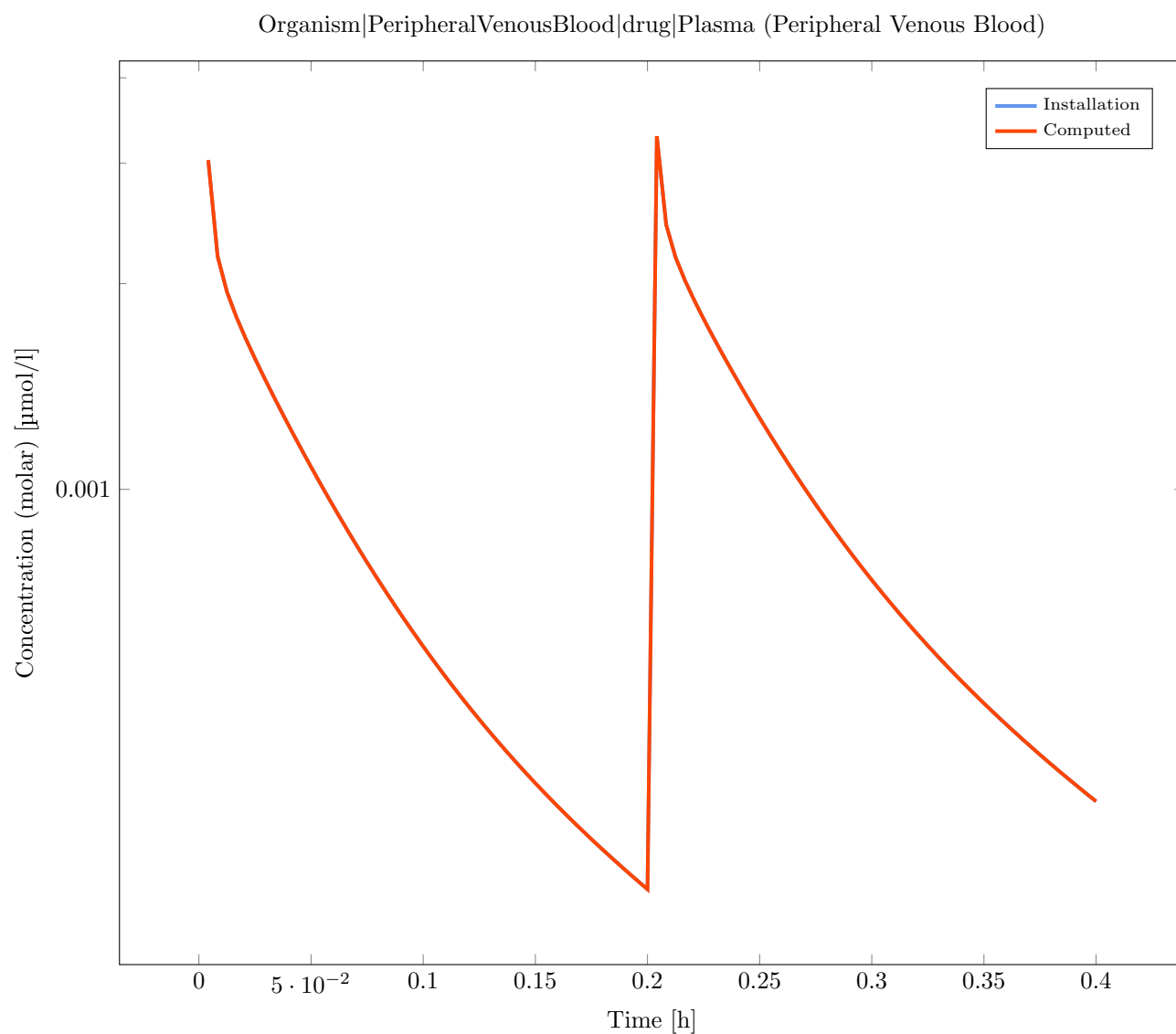Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.169

Output Path: Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|inhibitor|Plasma (Peripheral Venous Blood)

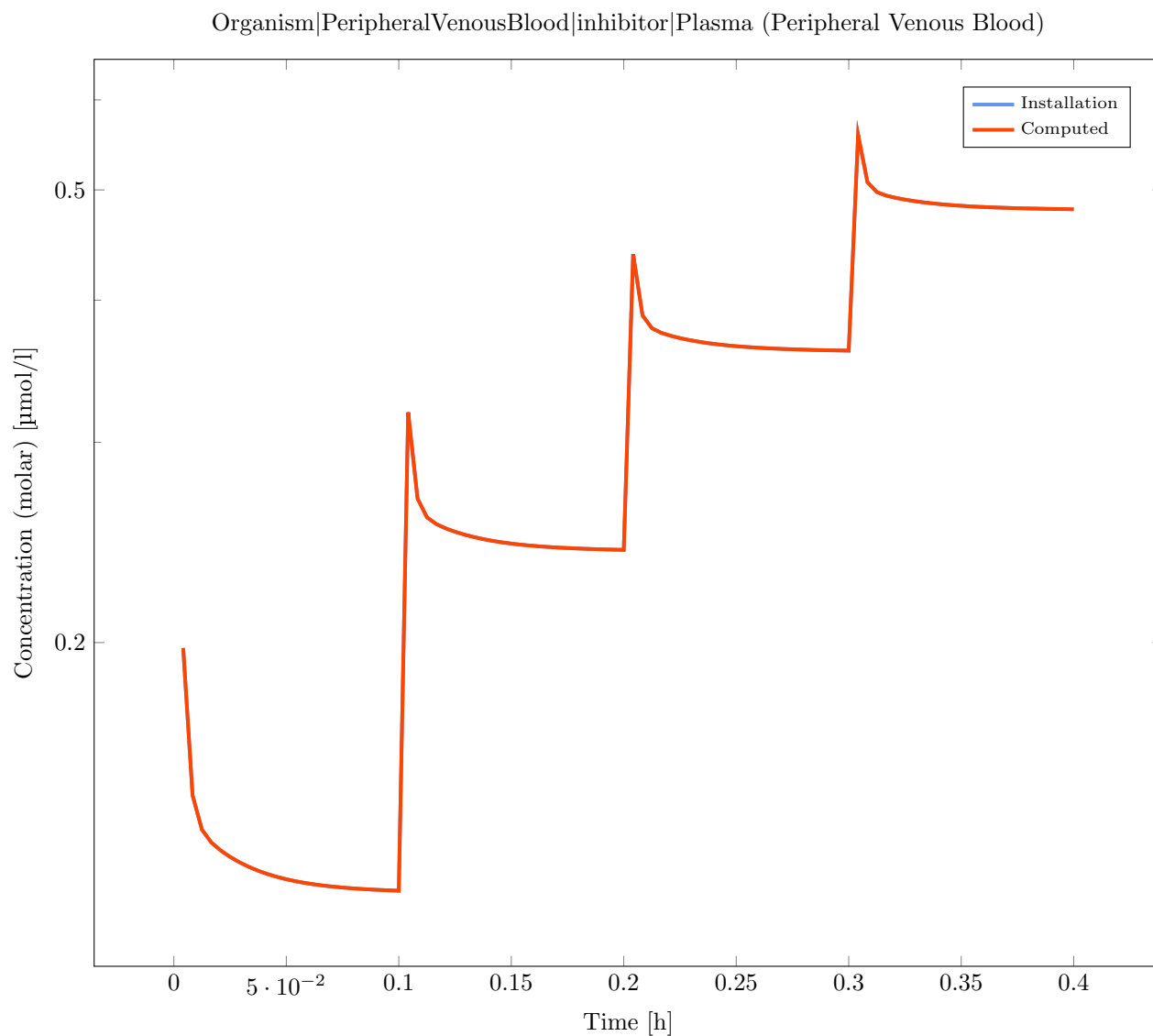**Figure 1.170**

Simulation: Minipig_SingleORAL_Dissolved-Minipig_SingleORAL_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
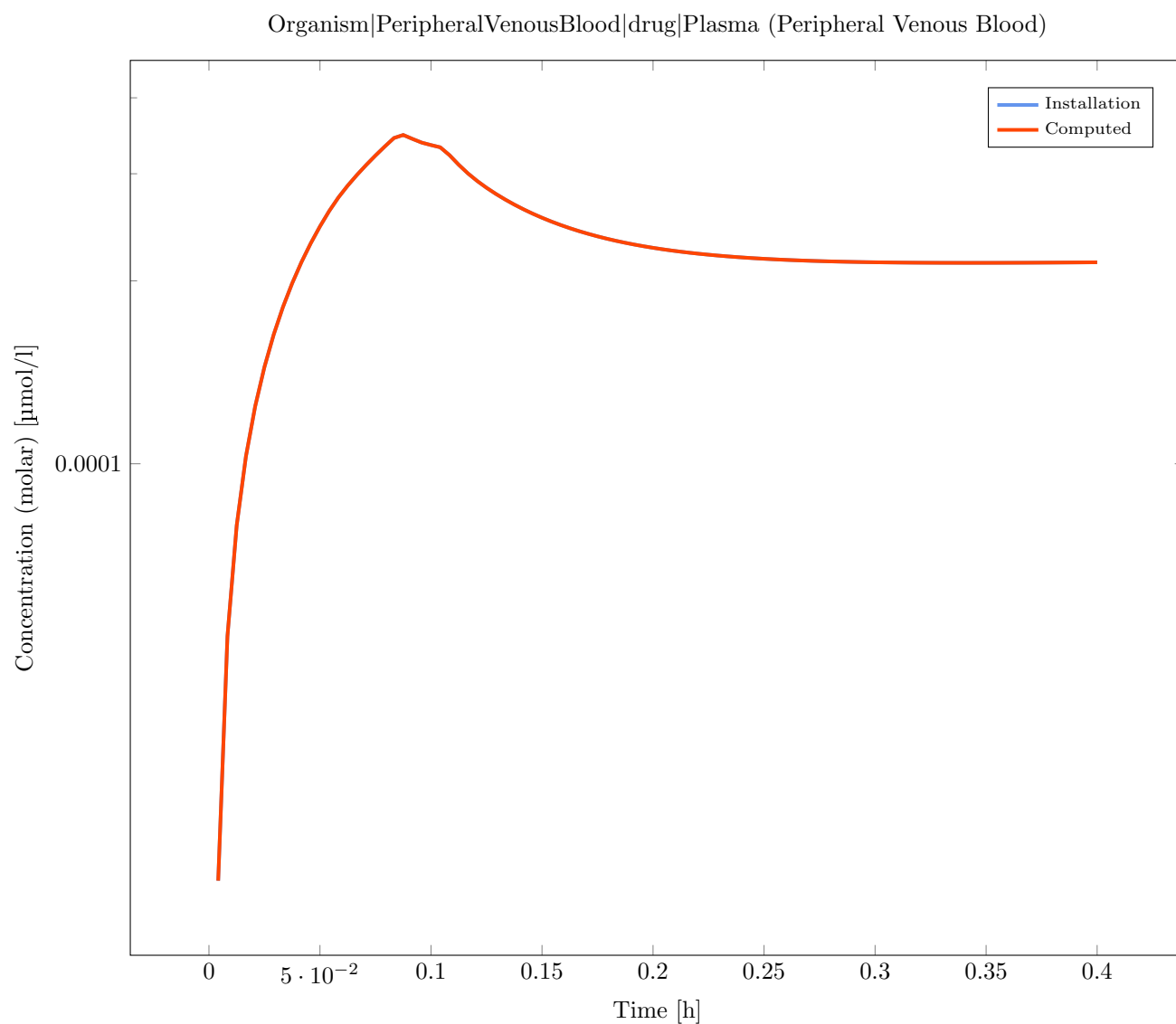Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.171

Simulation: Minipig_SingleORAL_Dissolved-Minipig_SingleORAL_Dissolved_MW_200_fu_0.2_LogP_-5
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.172

**Simulation: Minipig_SingleORAL_Dissolved-Minipig_SingleORAL_Dissolved_MW_800_fu_0.6_LogP_-
-5**
Result of the validation: Valid

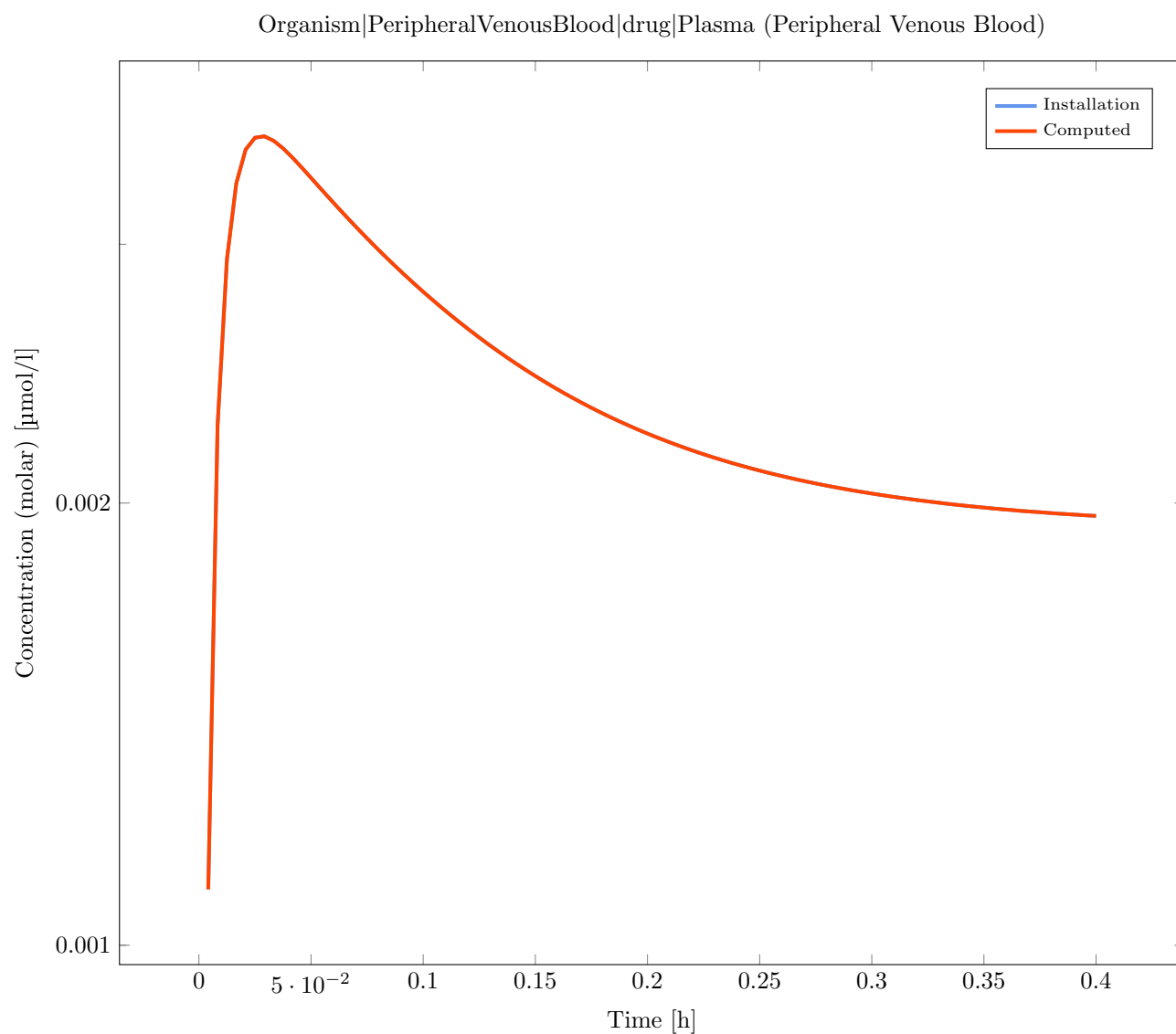**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.173

Simulation: Monkey_SingleORAL_Dissolved-Monkey_SingleORAL_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.174

Simulation: Monkey_SingleORAL_Dissolved-Monkey_SingleORAL_Dissolved_MW_200_fu_0.2_LogP_-5
Result of the validation: Valid

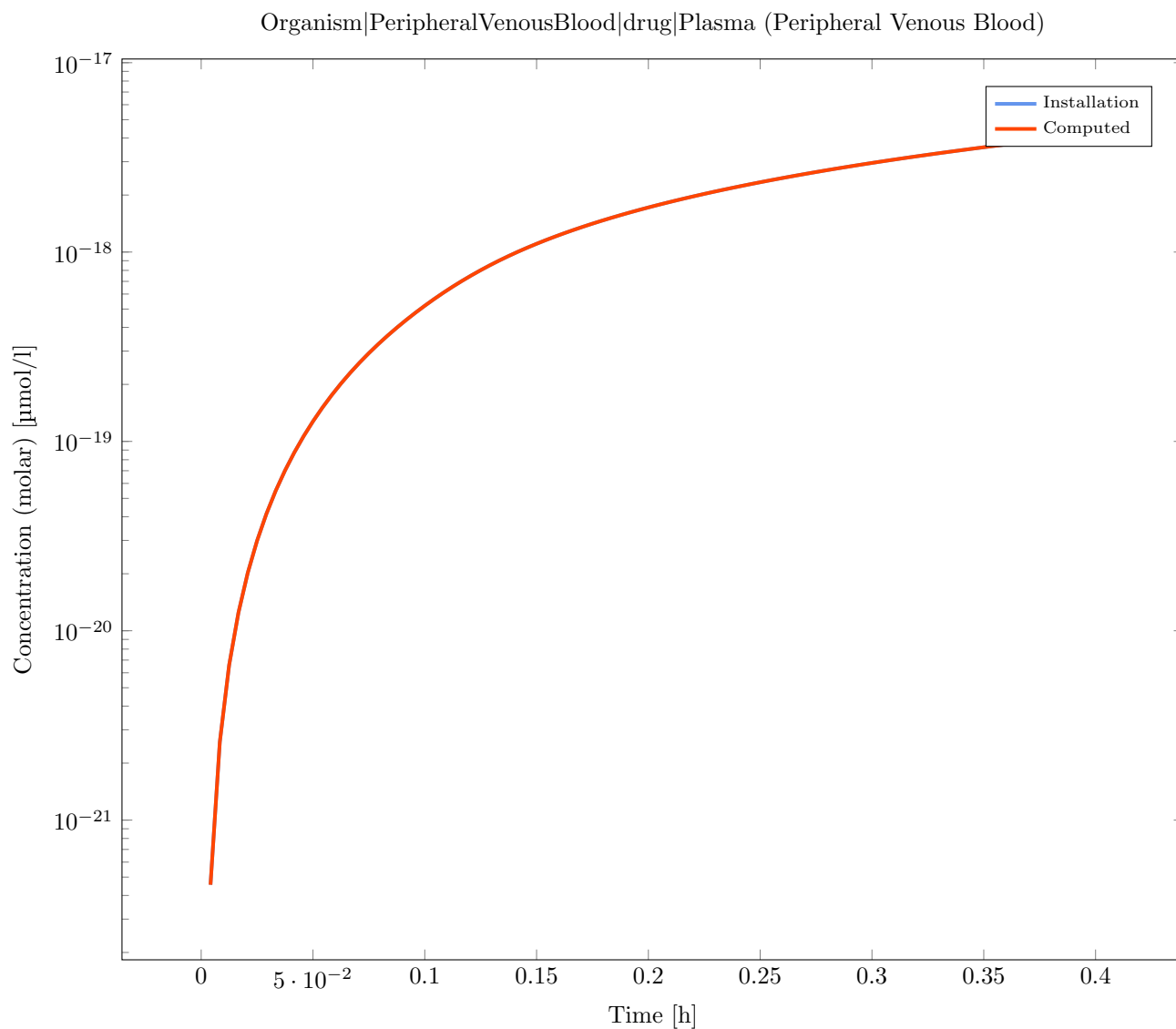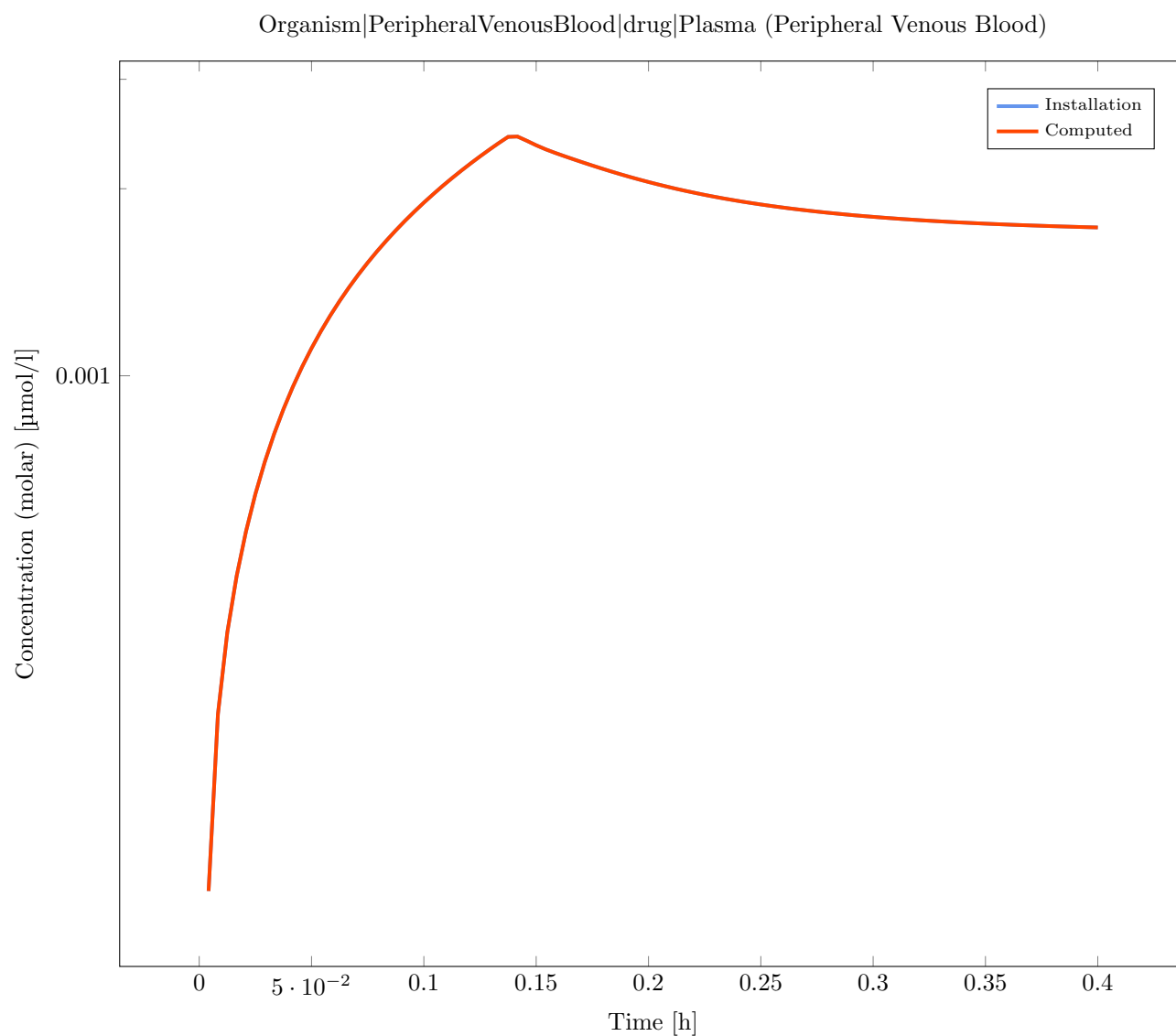**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.175

**Simulation: Monkey_SingleORAL_Dissolved-Monkey_SingleORAL_Dissolved_MW_800_fu_0.6_LogP_-
-5**
Result of the validation: Valid

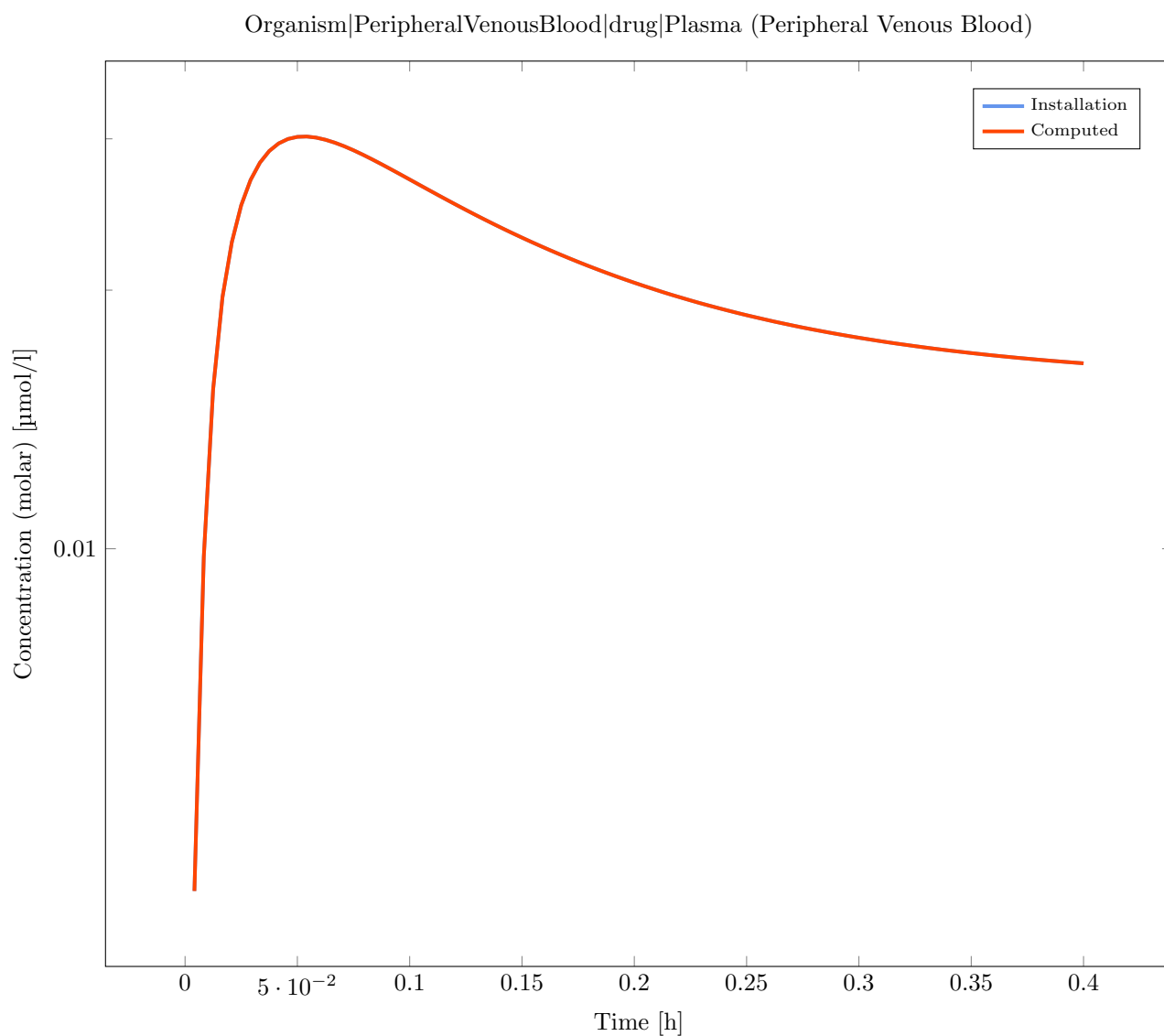**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.176

Simulation: Mouse_SingleORAL_Dissolved-Mouse_SingleORAL_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.177

Simulation: Mouse_SingleORAL_Dissolved-Mouse_SingleORAL_Dissolved_MW_200_fu_0.2_LogP_-5

Result of the validation: Valid

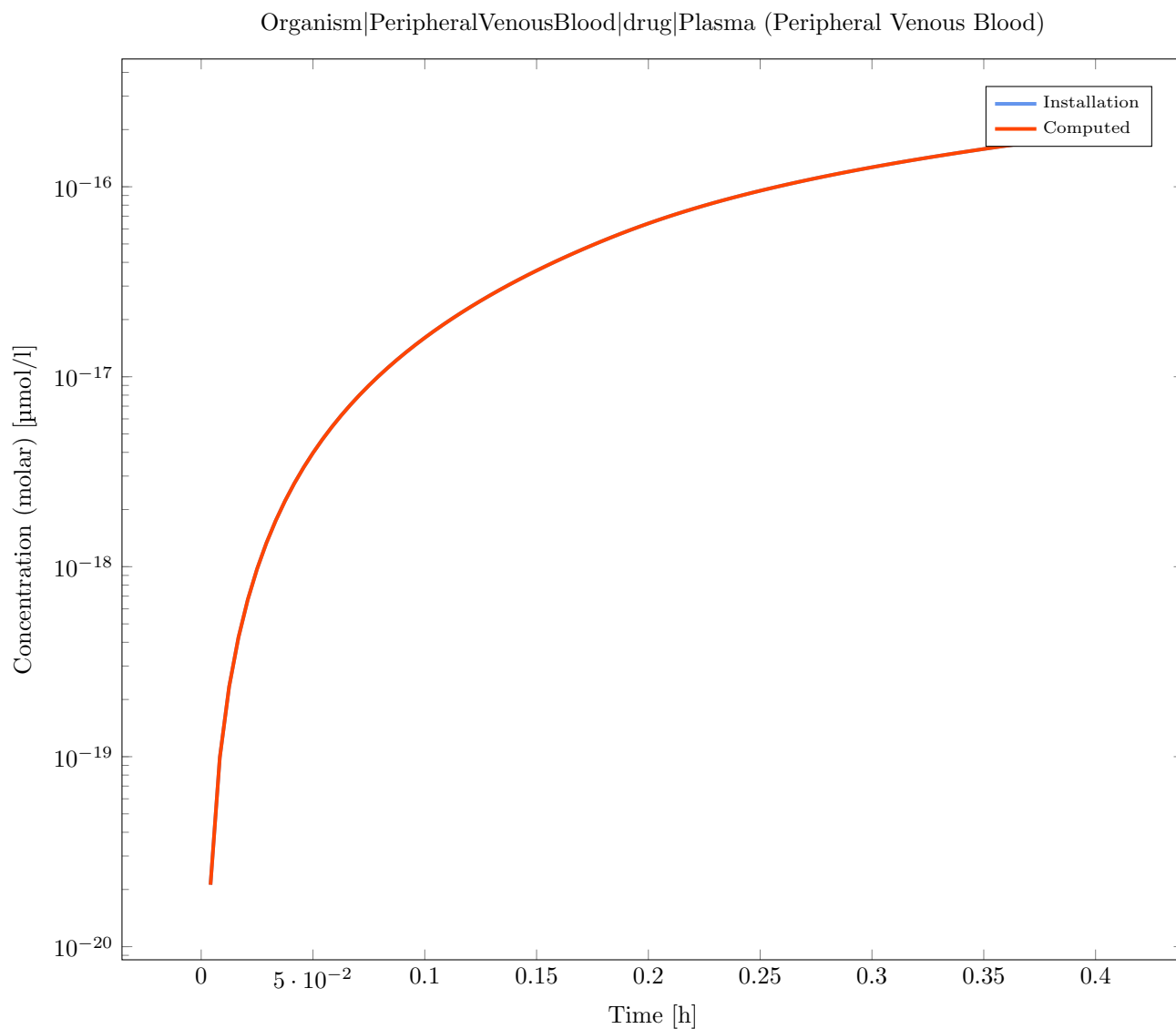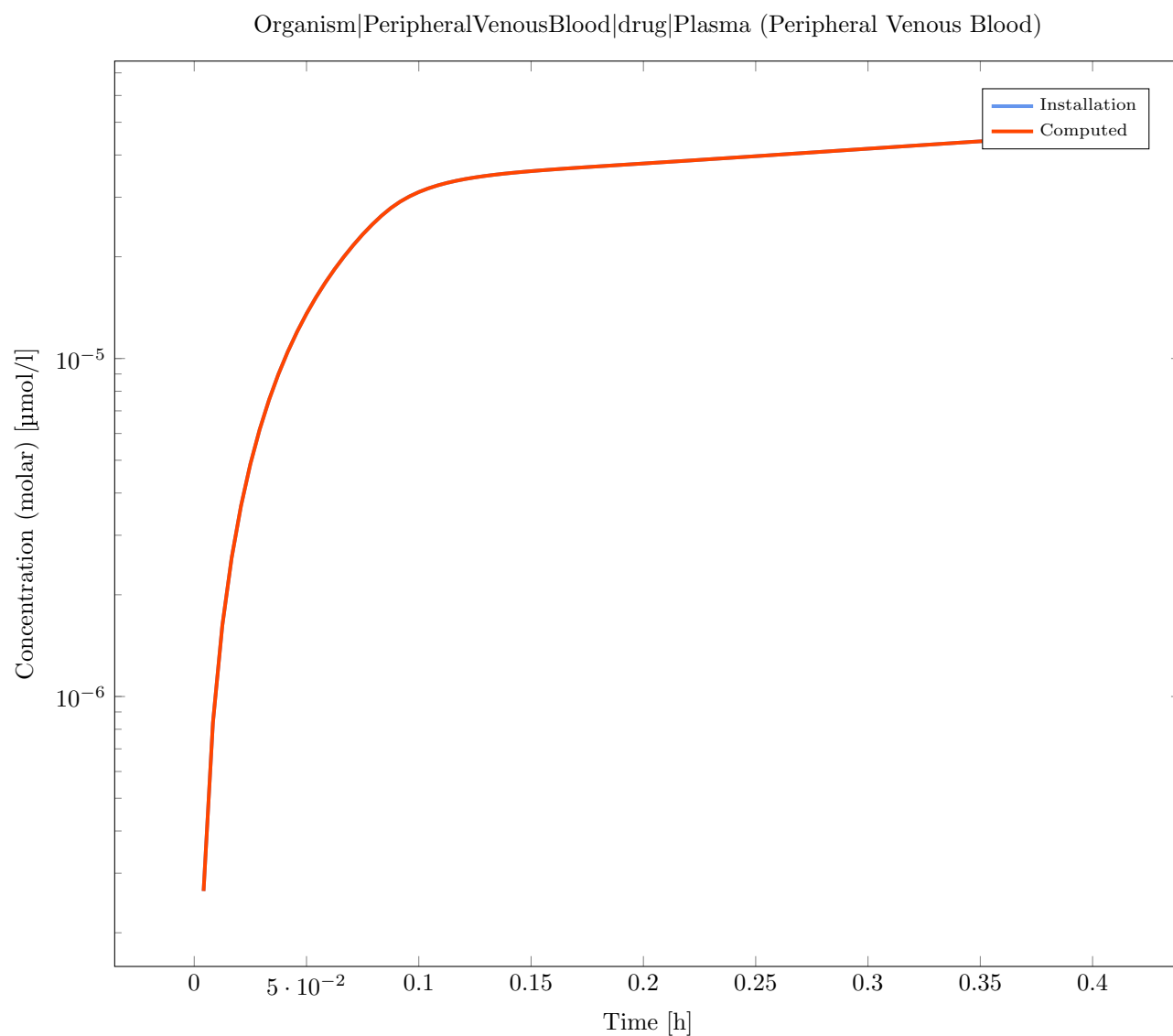**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**

Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.178

**Simulation: Mouse_SingleORAL_Dissolved-Mouse_SingleORAL_Dissolved_MW_800_fu_0.6_LogP_-
-5**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
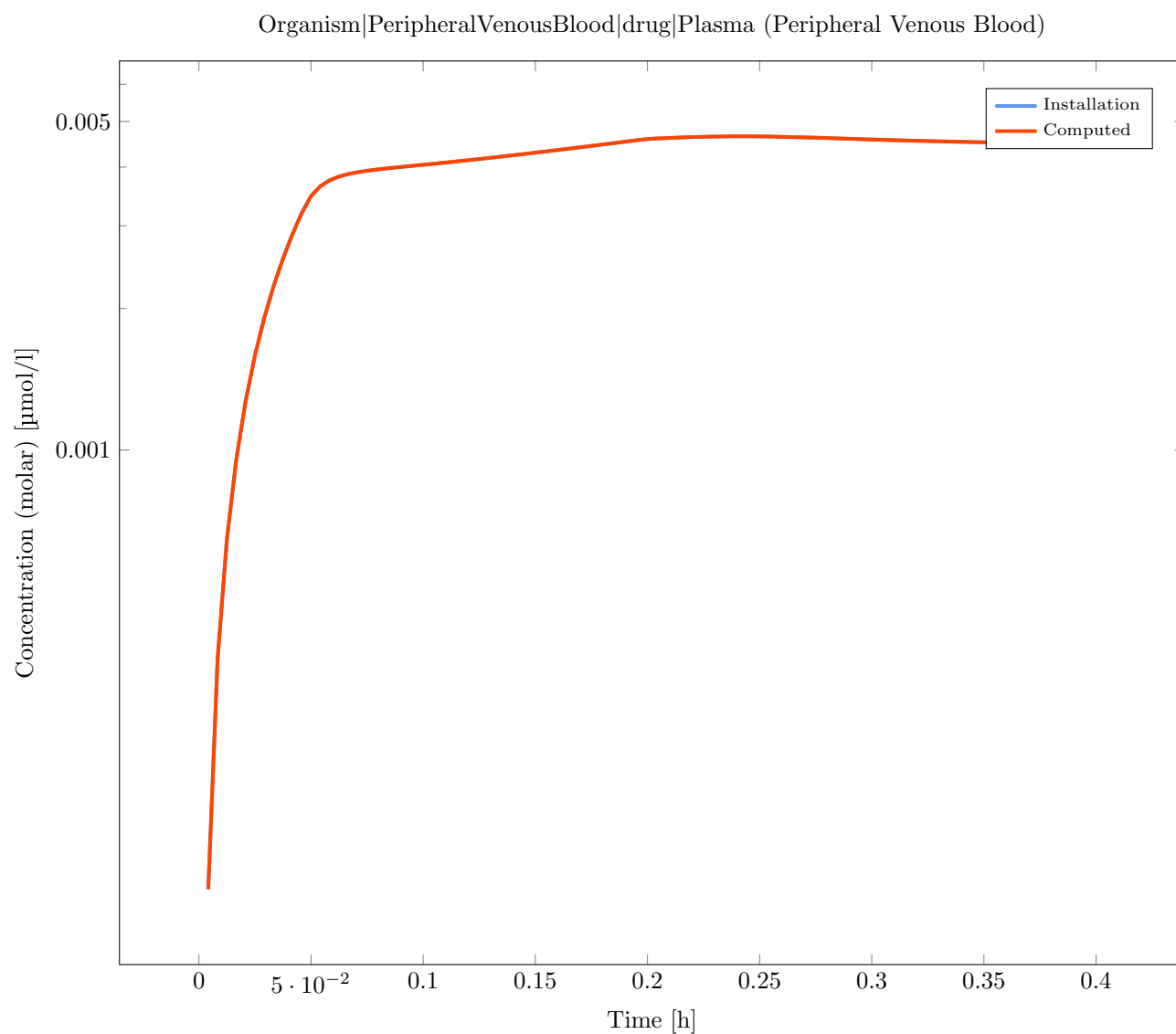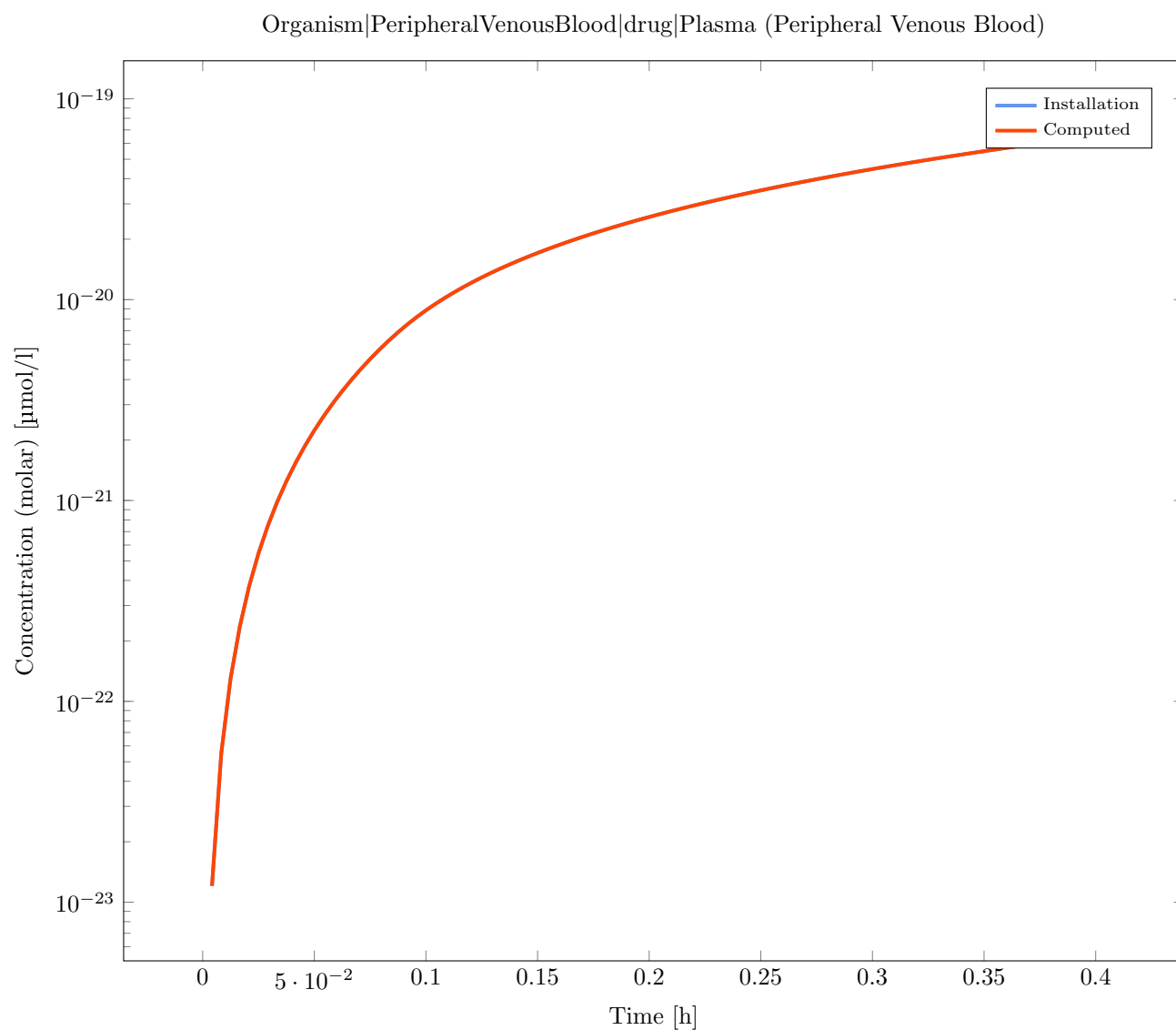Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.179

Simulation: Preterm_SingleIV_Age_0_GA_32_CYP3A4-Preterm_SingleIV_Age_0_GA_32_CYP3A4
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 1.17E-7

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.180

Simulation: Preterm_SingleIV_Age_0_GA_32_GFR-Preterm_SingleIV_Age_0_GA_32_GFR
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 3.66E-5

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.181

Simulation: Preterm_SingleIV_Age_15_GA_32_CYP3A4-Preterm_SingleIV_Age_15_GA_32_CYP3A4
Result of the validation: Valid

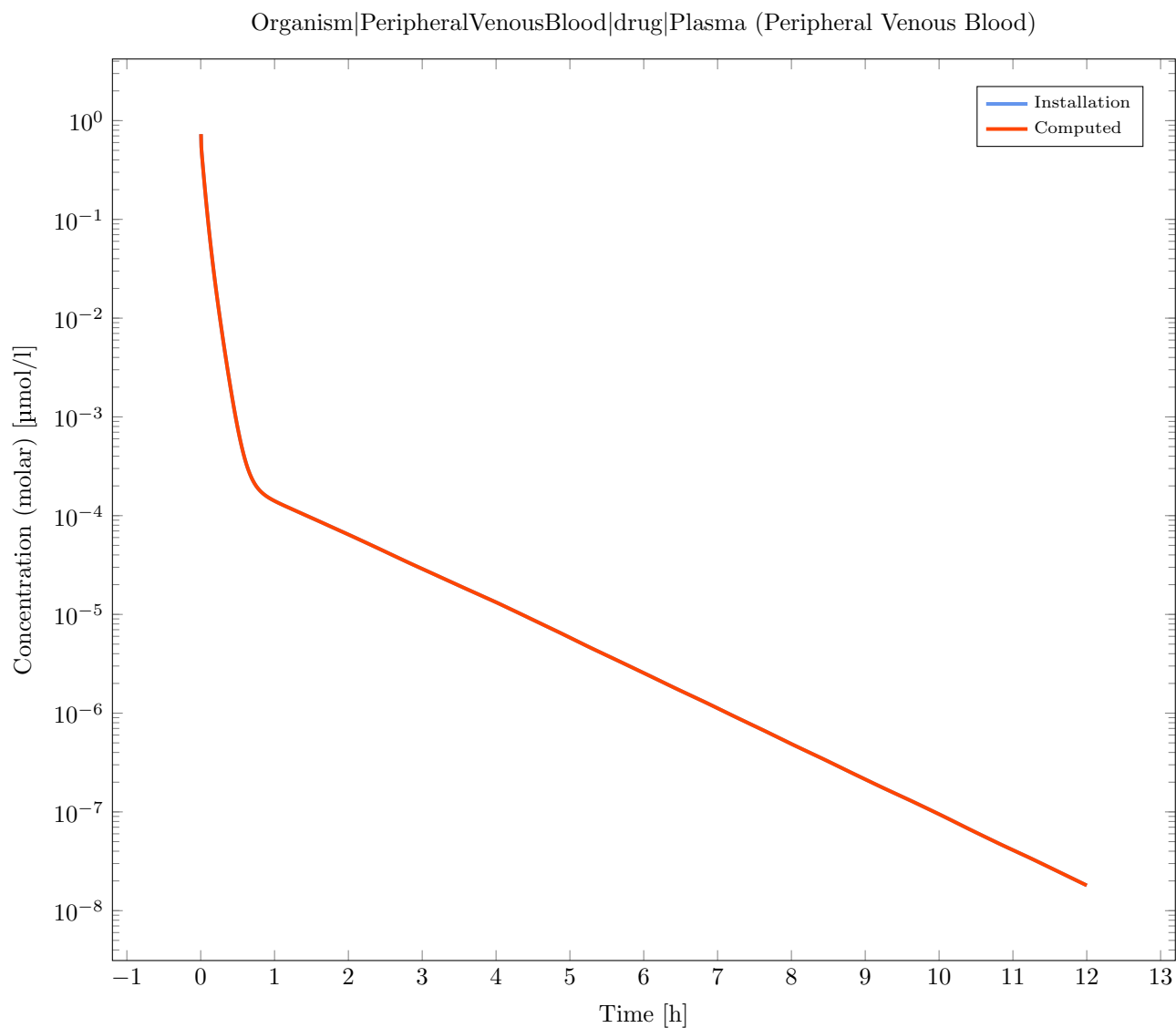**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.182

Simulation: Preterm_SingleIV_Age_15_GA_32_GFR-Preterm_SingleIV_Age_15_GA_32_GFR
Result of the validation: Valid

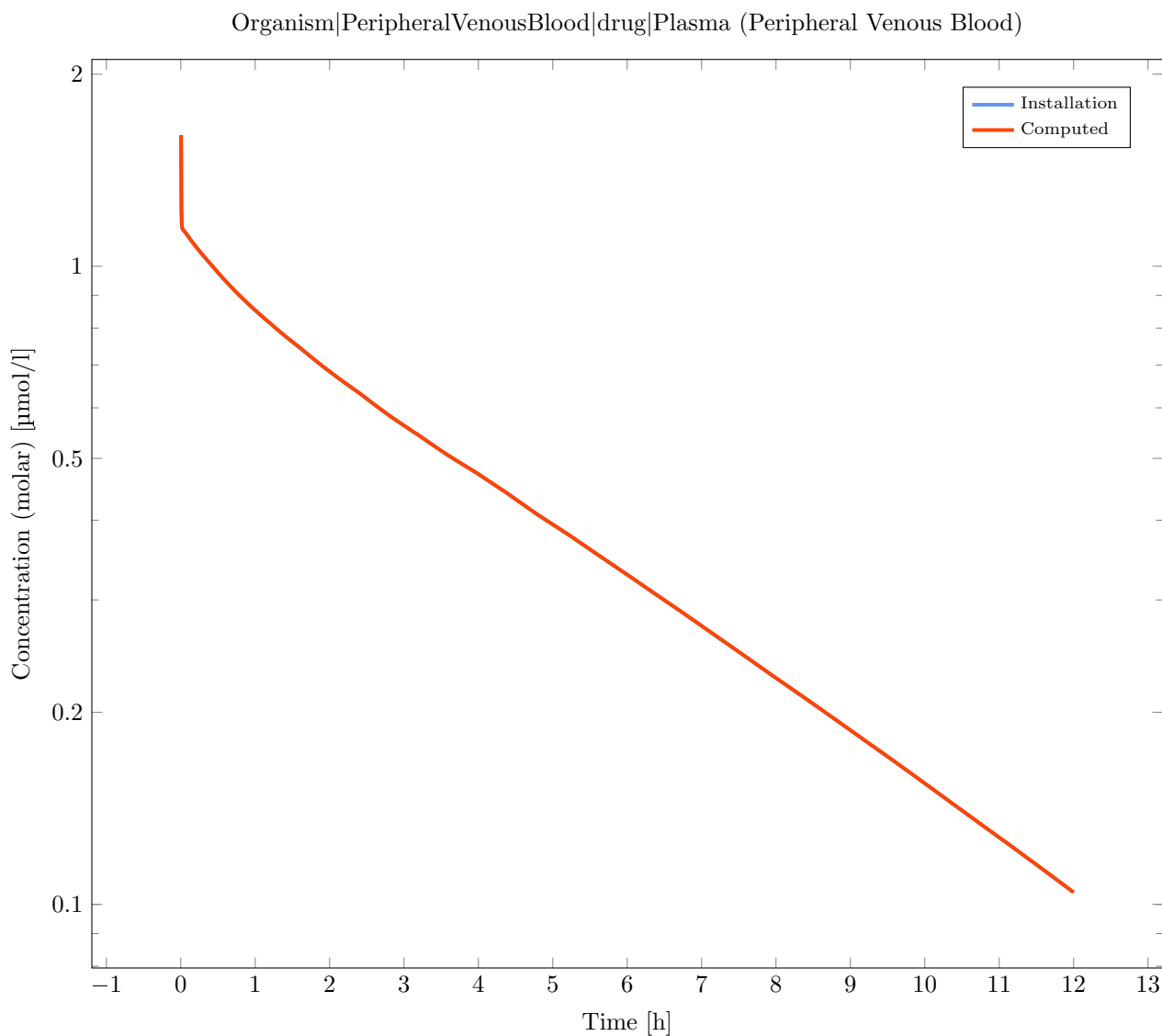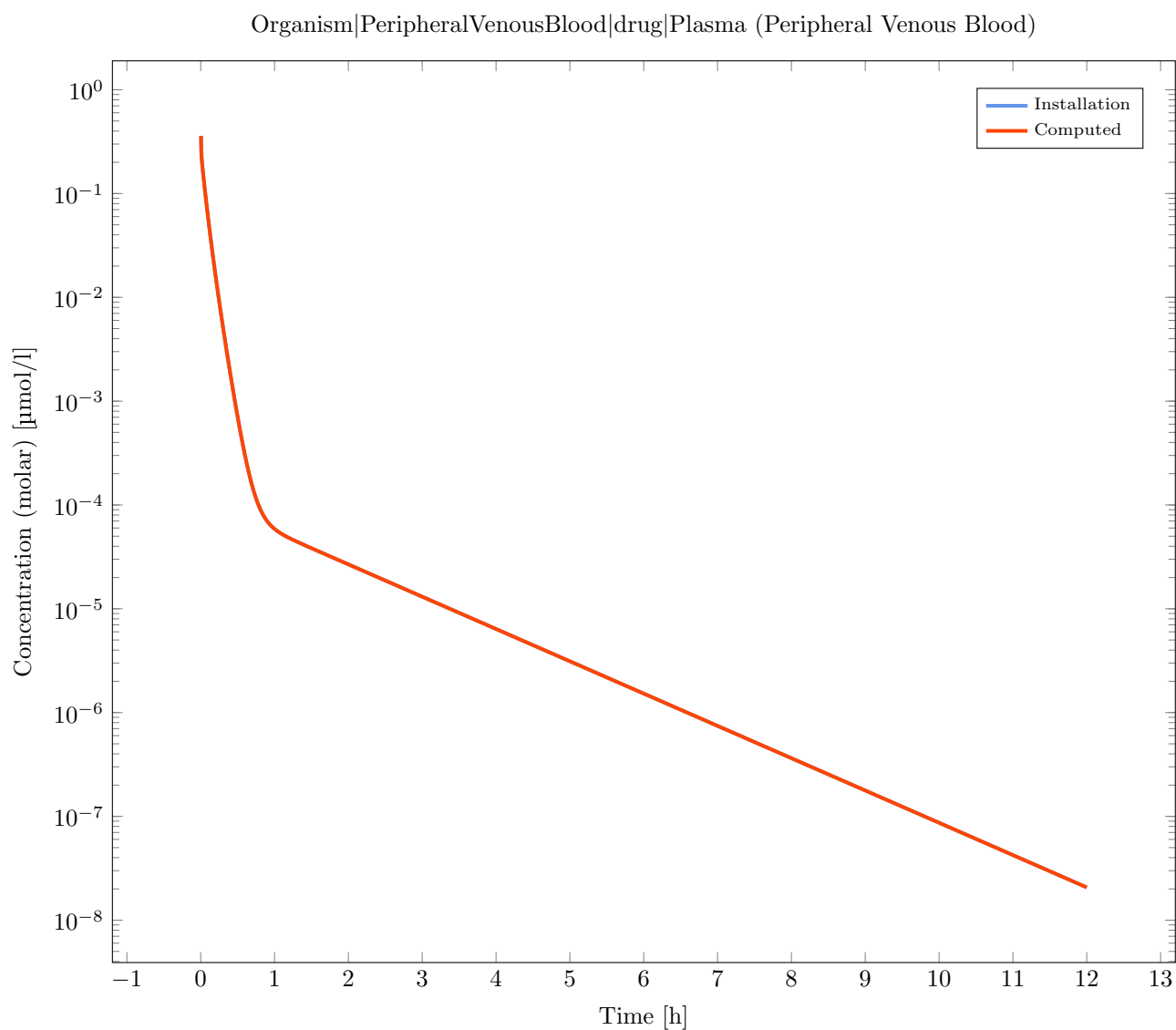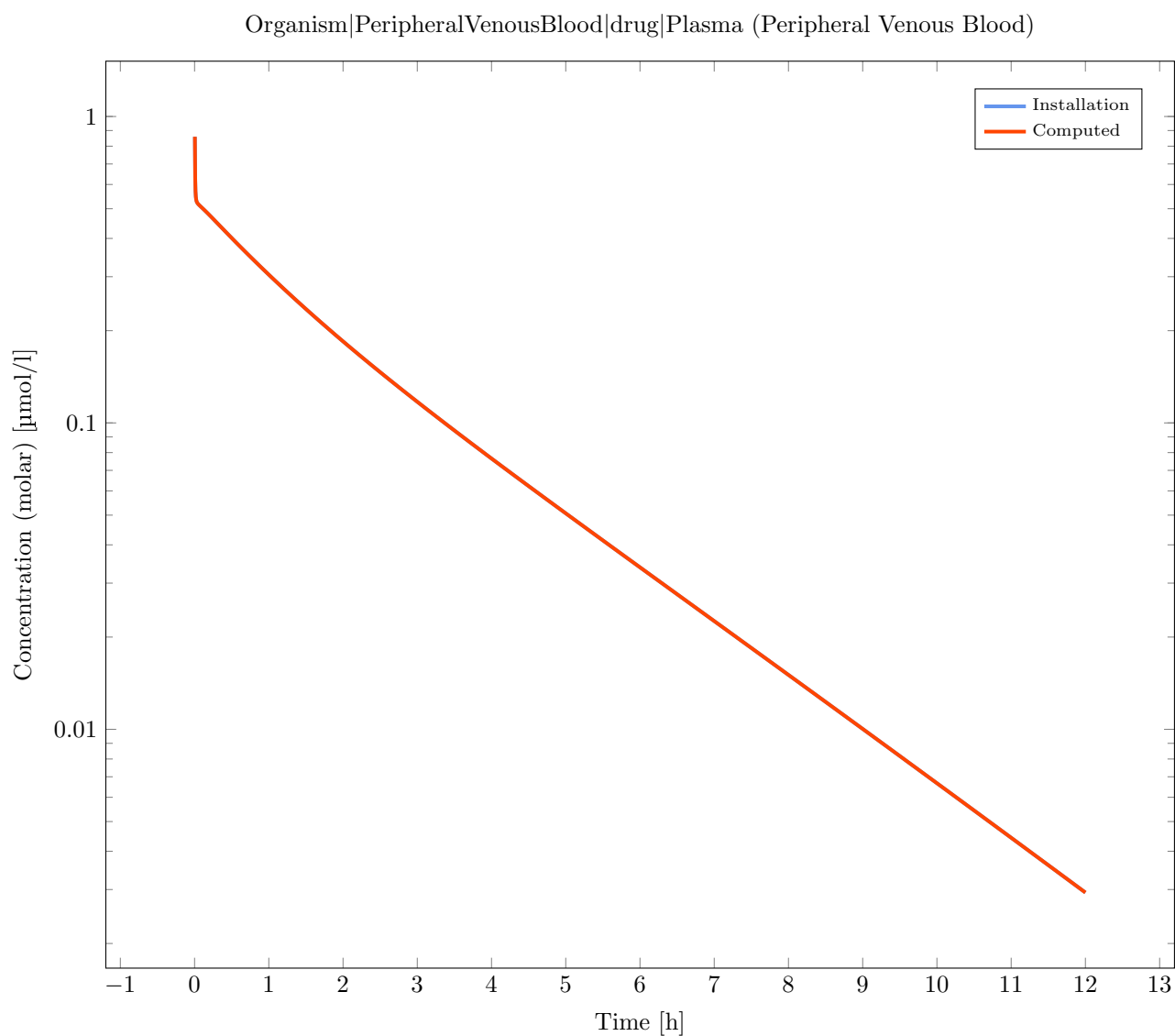**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.183

Simulation: Rabbit_SingleORAL_Dissolved-Rabbit_SingleORAL_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
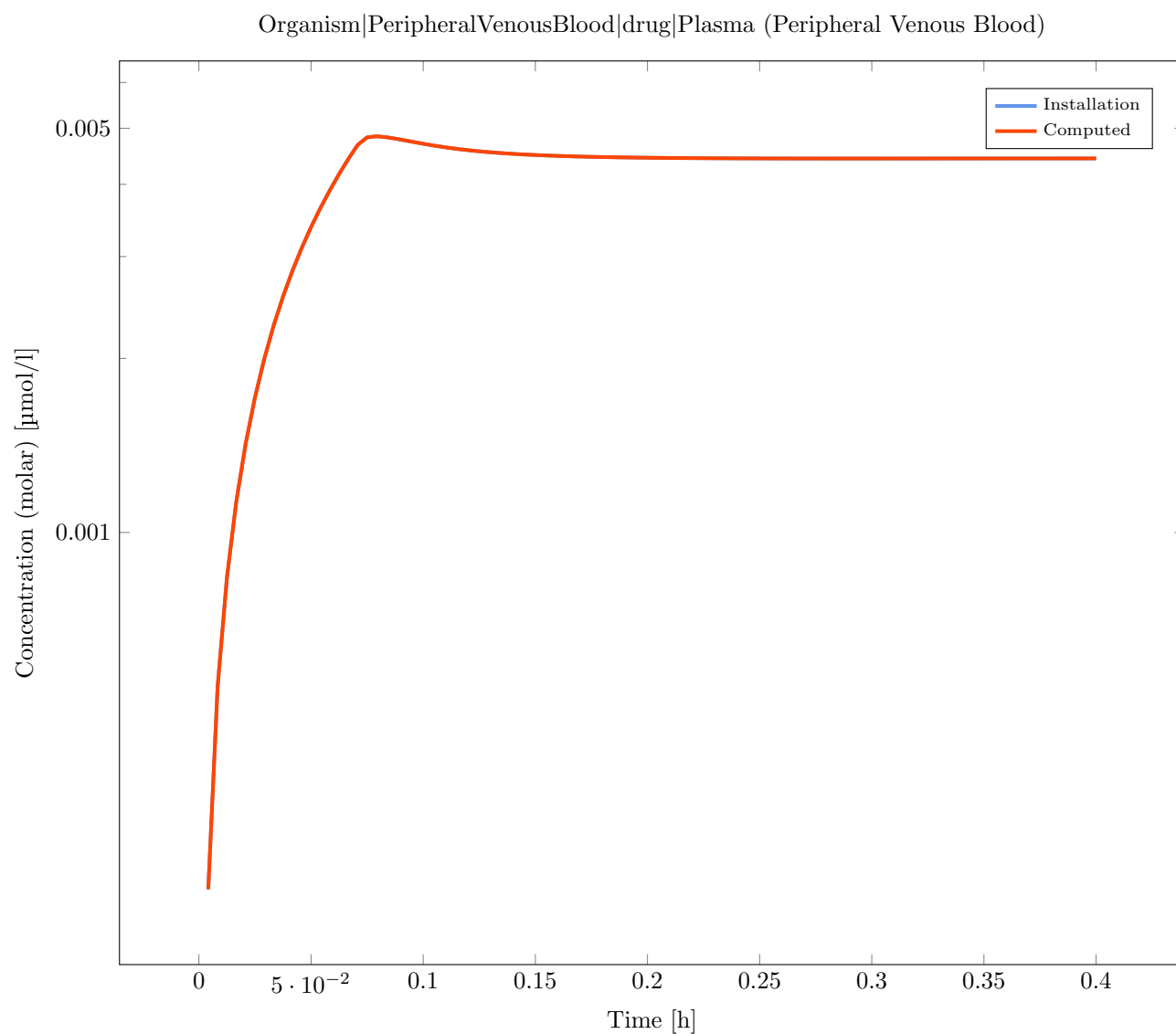Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.184

Simulation: Rabbit_SingleORAL_Dissolved-Rabbit_SingleORAL_Dissolved_MW_200_fu_0.2_LogP_-5

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.185

**Simulation: Rabbit_SingleORAL_Dissolved-Rabbit_SingleORAL_Dissolved_MW_800_fu_0.6_LogP_-
-5**
Result of the validation: Valid

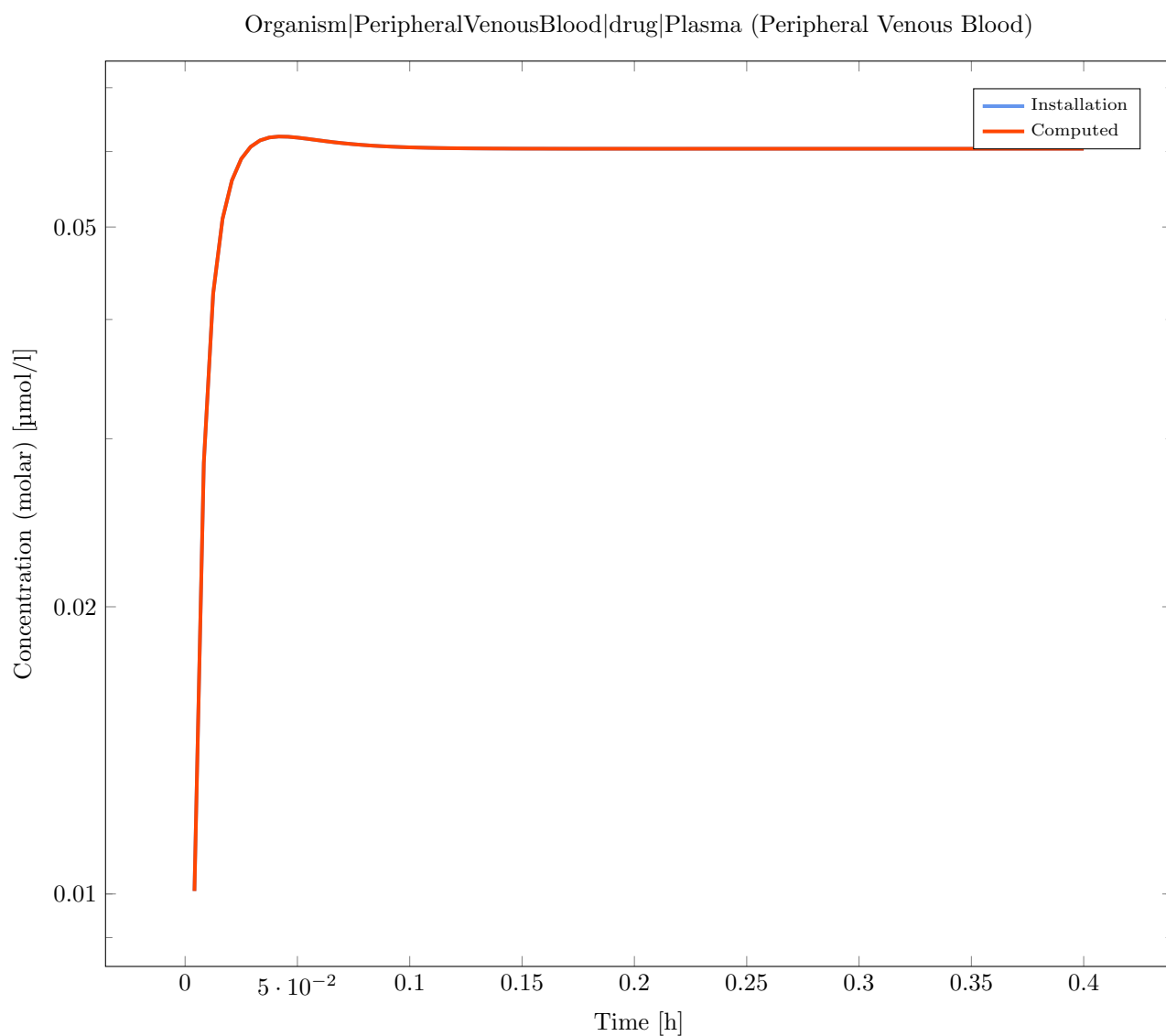**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
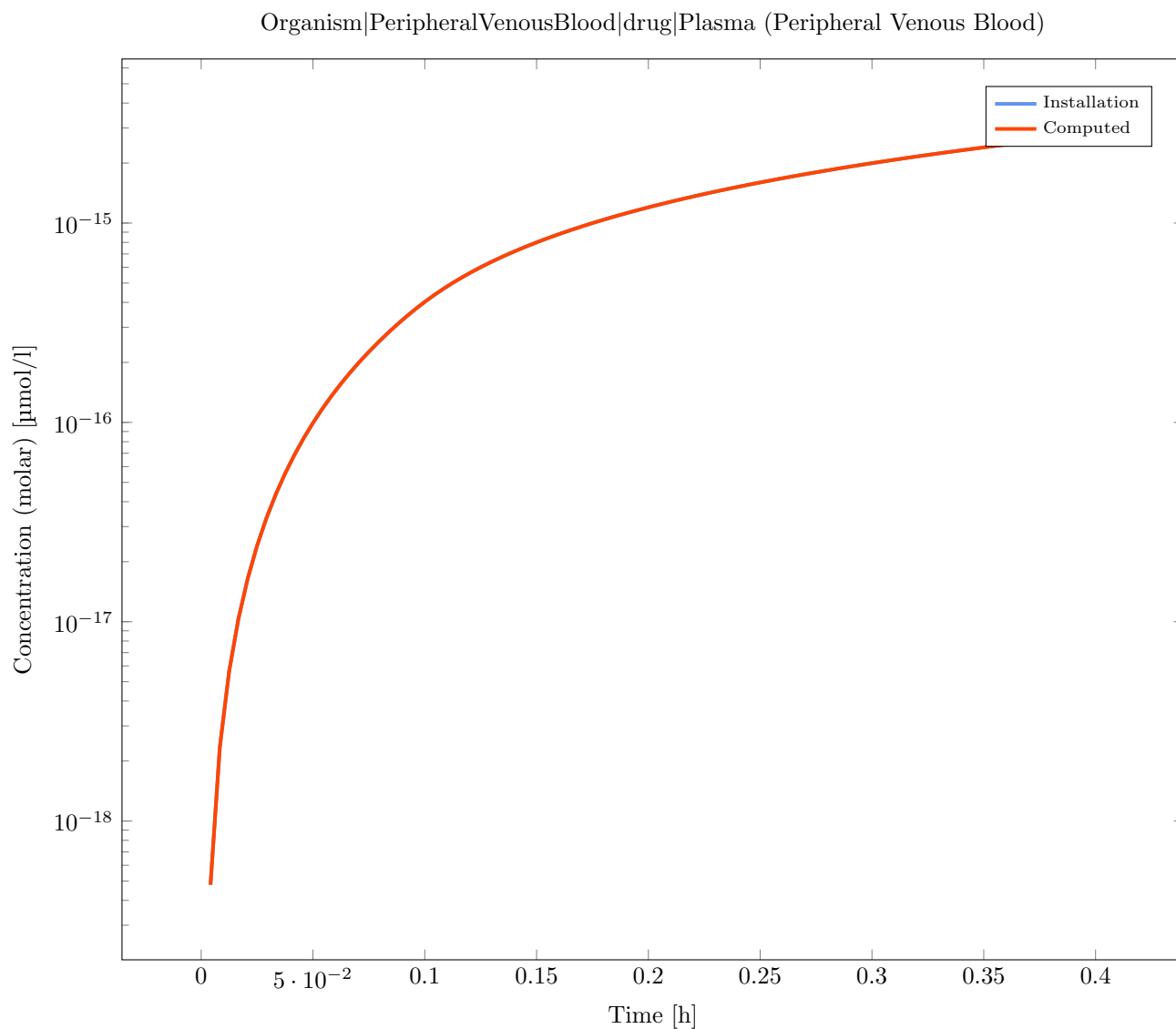Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.186

Simulation: Rat_MultiORAL_6_6_12_Dissolved-Rat_MultiORAL_6_6_12_Dissolved
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.187

Simulation: Rat_MultiORAL_6_6_6_6_Dissolved-Rat_MultiORAL_6_6_6_6_Dissolved
Result of the validation: Valid

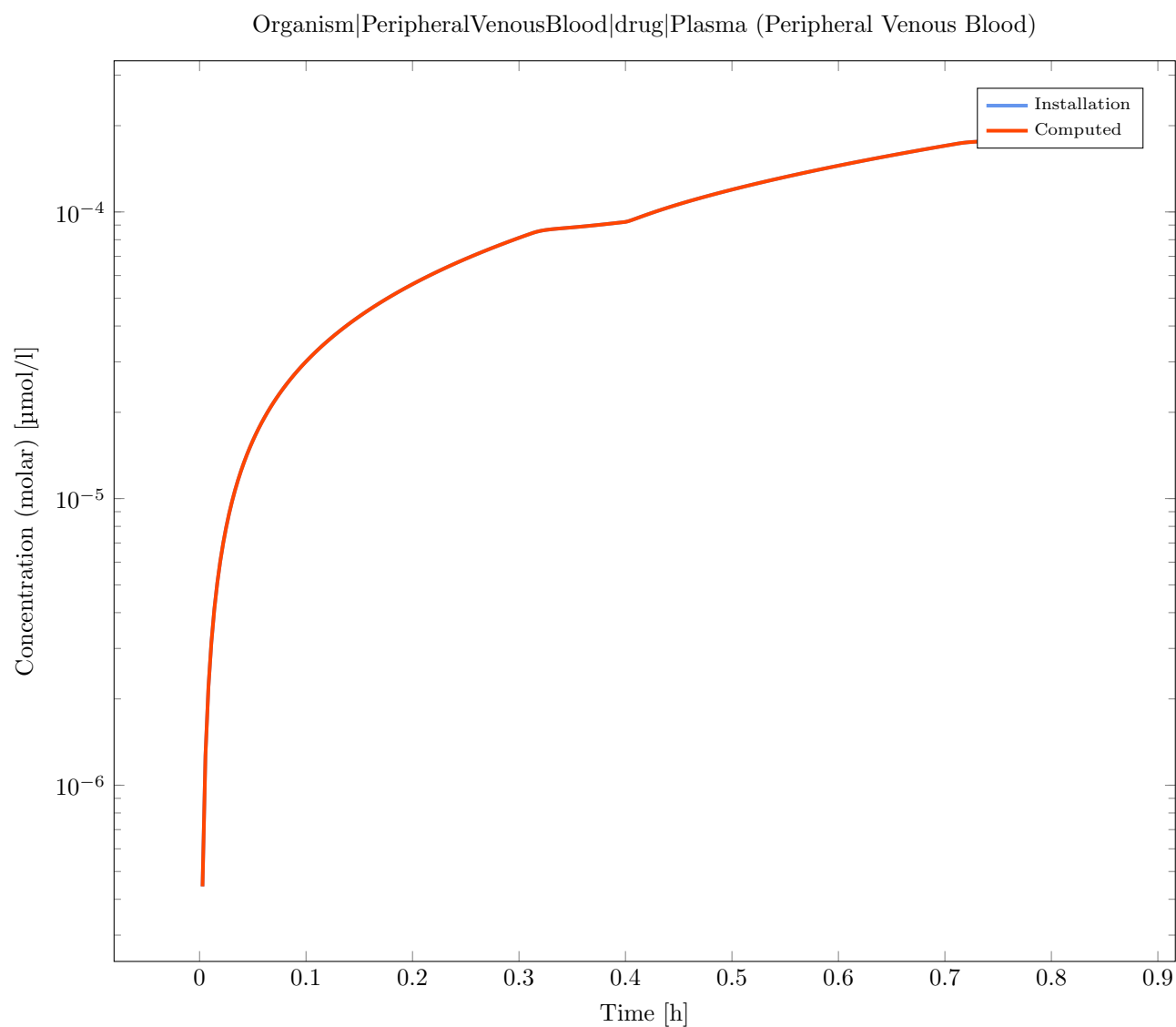**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.188

Simulation: Rat_MultiORAL_8_8_8_Dissolved-Rat_MultiORAL_8_8_8_Dissolved
Result of the validation: Valid

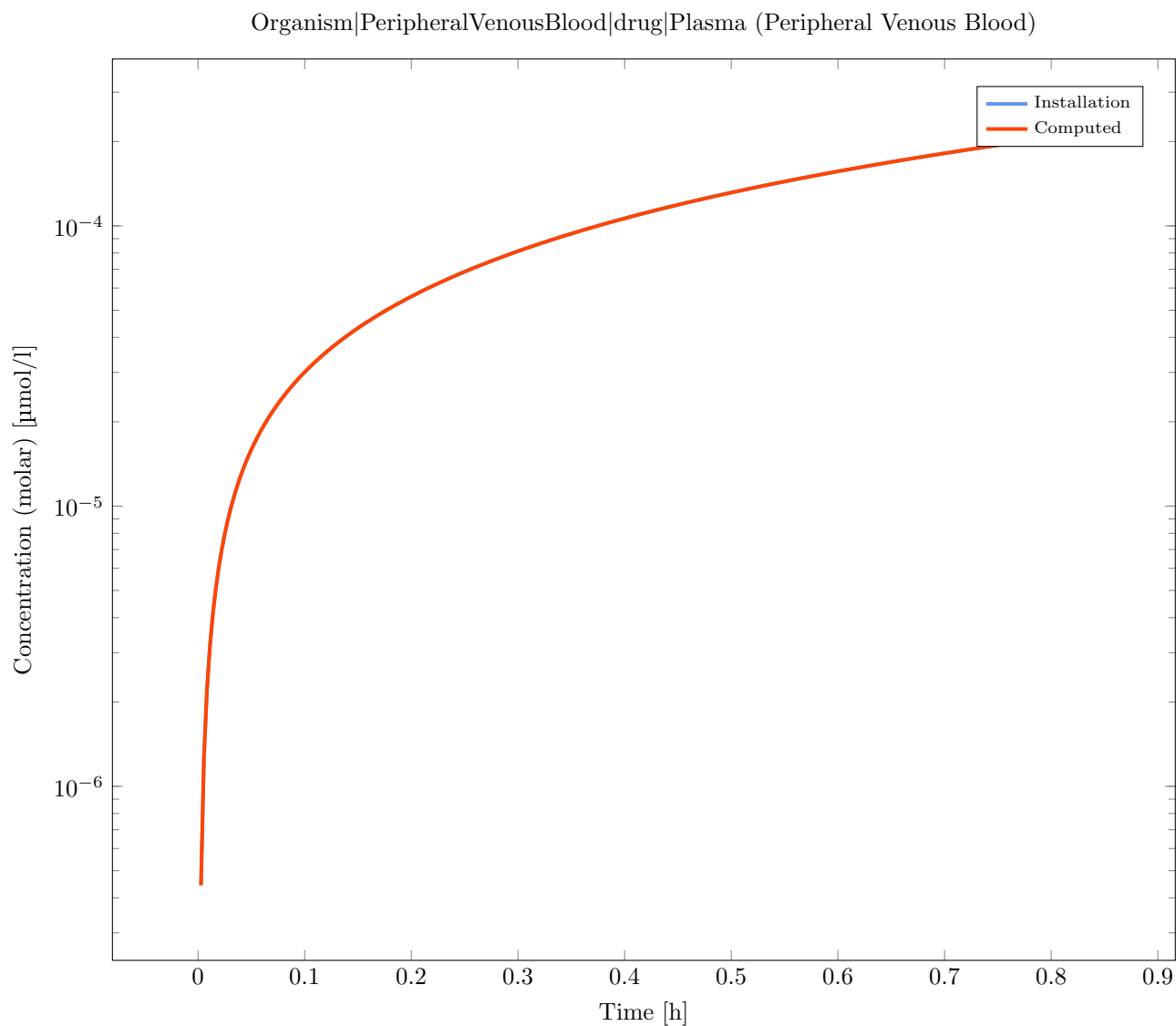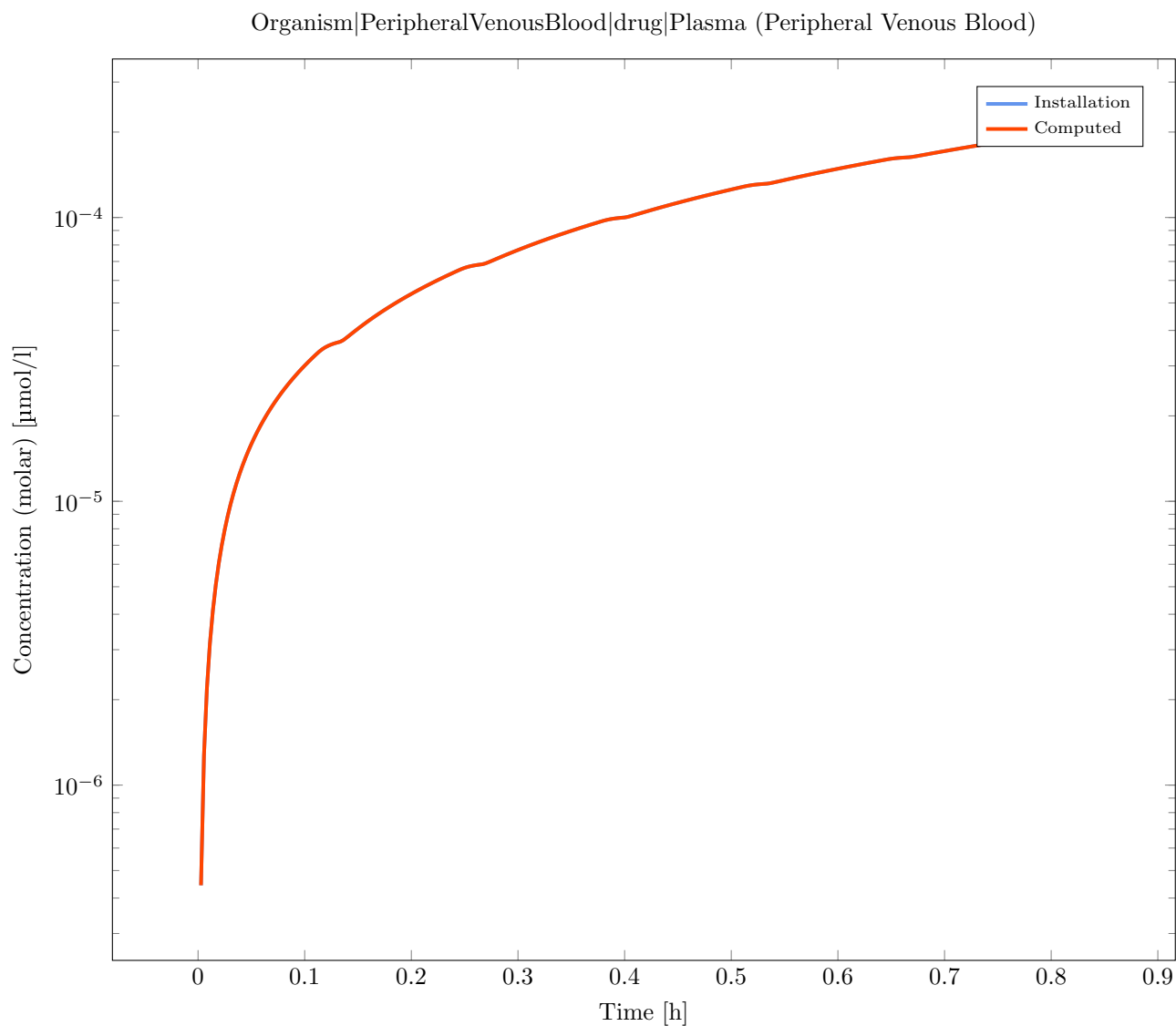**Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.189

Simulation: SingleIV_2Pores_Human-SingleIV_2Pores_Human
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
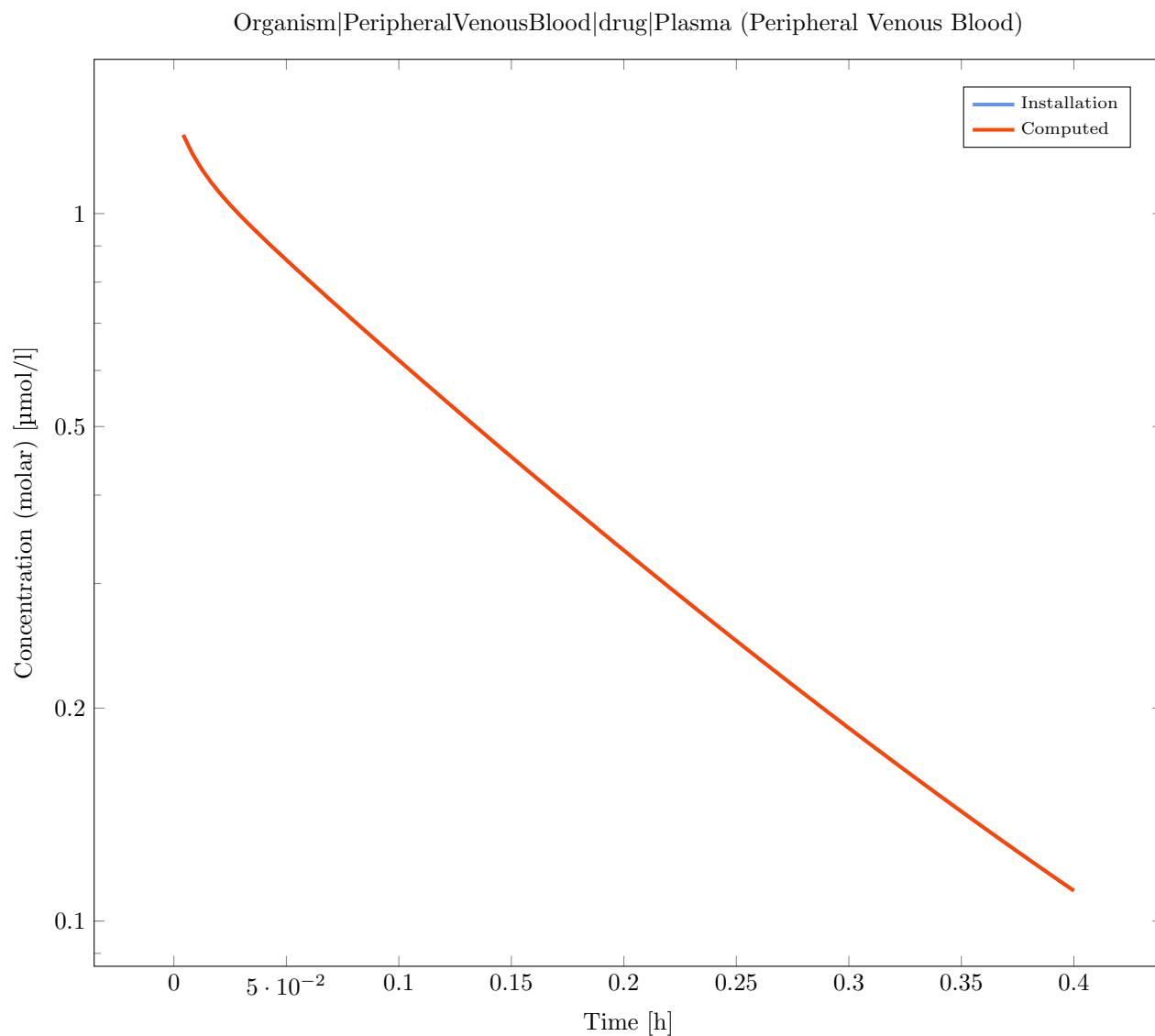Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.190

Simulation: SingleIV_2Pores_Human-SingleIV_2Pores_Human_SimulationC
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.191

Simulation: SingleIV_2Pores_Human-SingleIV_2Pores_Human_SimulationD
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
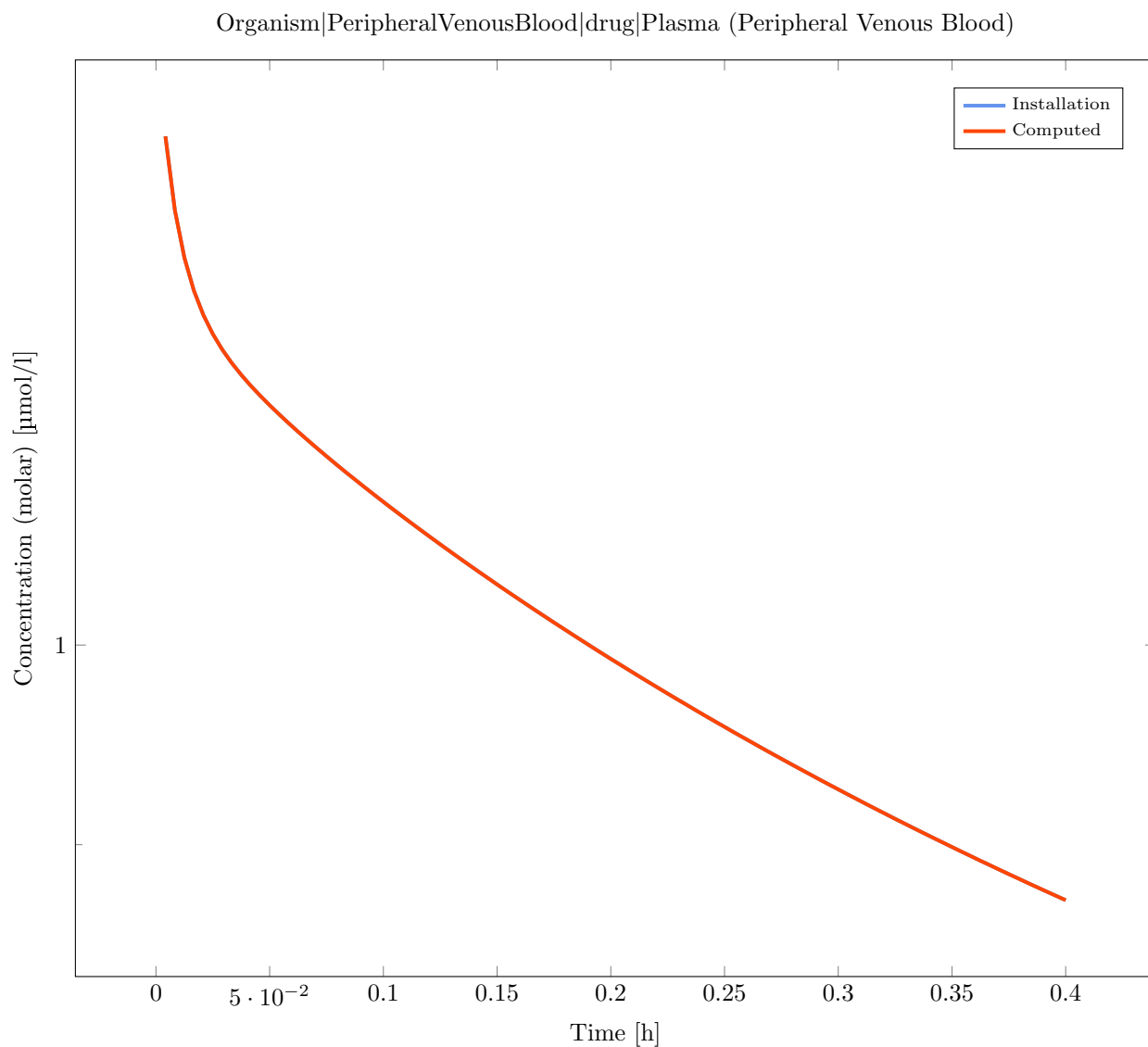Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.192

Simulation: SingleIV_2Pores_Human-SingleIV_2Pores_Human_SimulationF
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
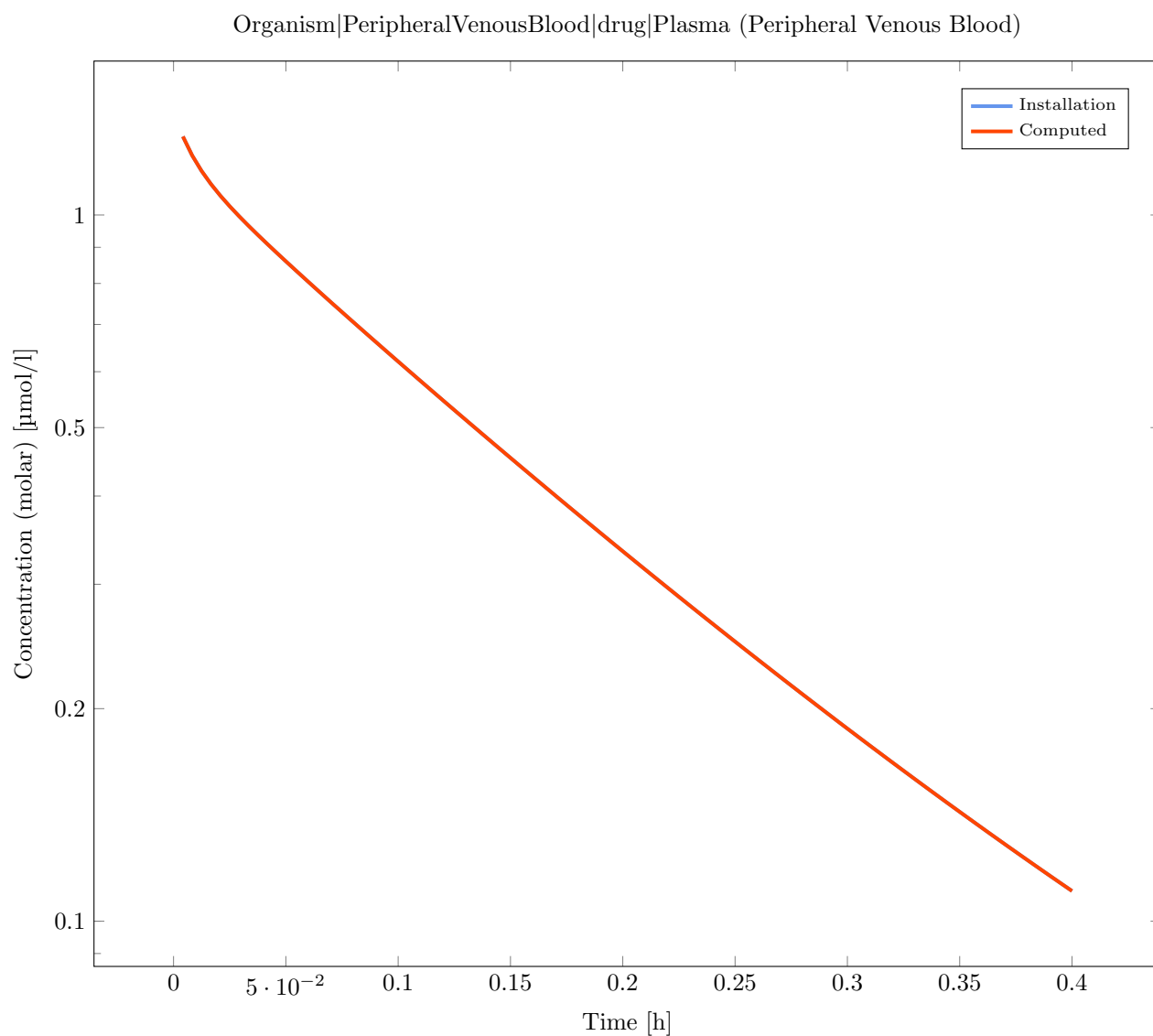Deviation: 0

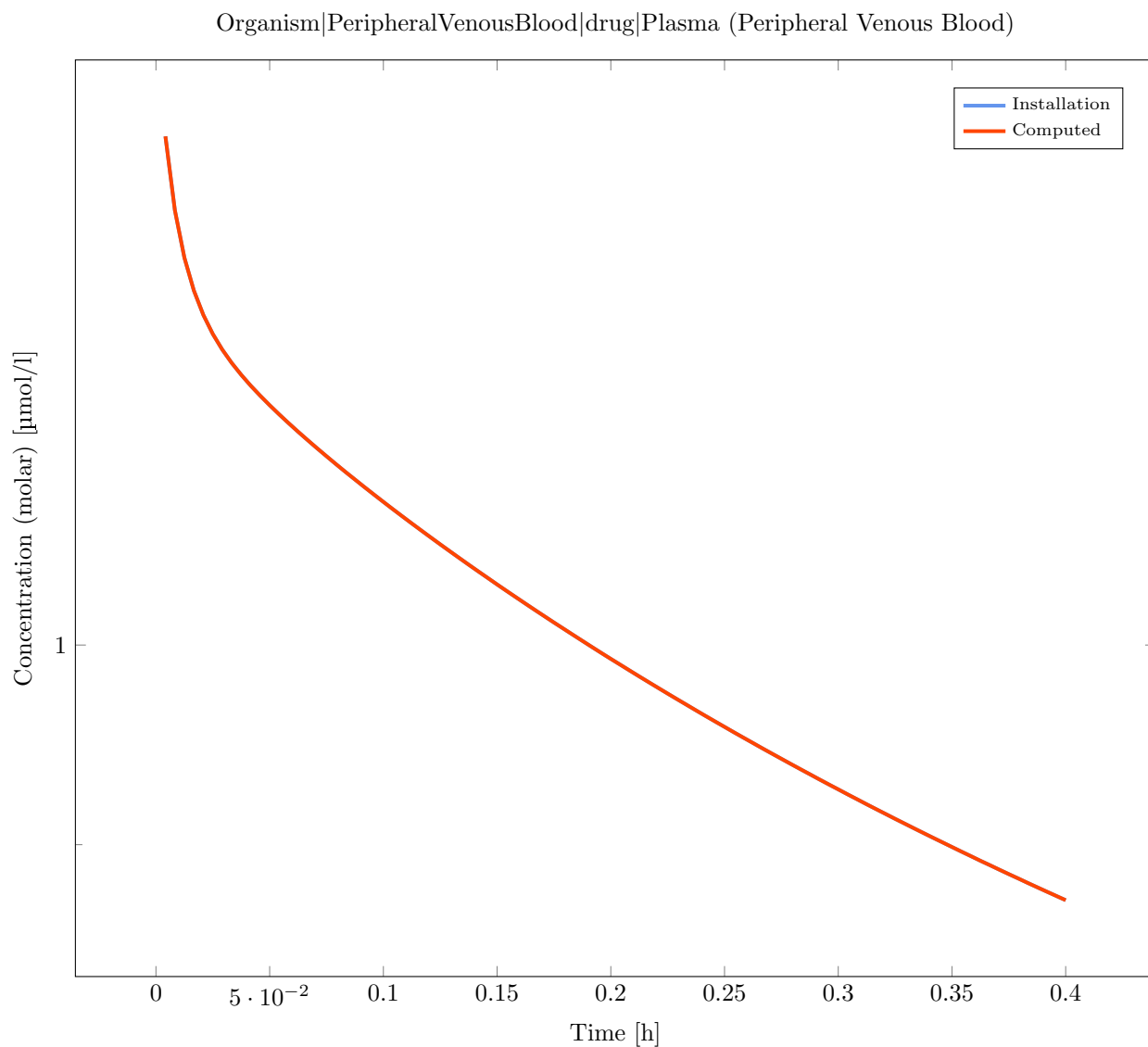Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.193

Simulation: SingleIV_2Pores_Monkey-SingleIV_2Pores_Monkey
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
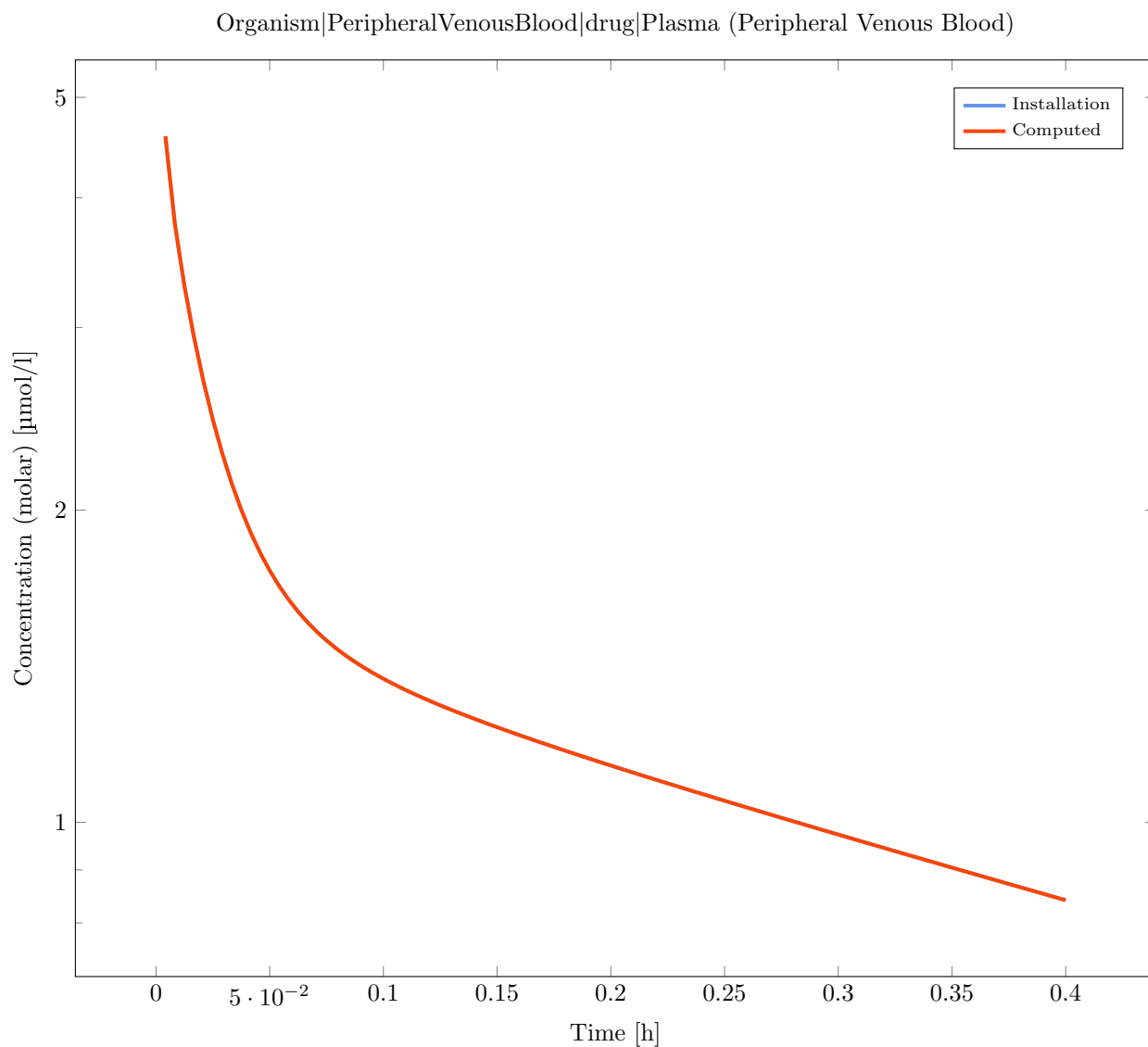Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.194

Simulation: SingleIV_2Pores_Monkey-SingleIV_2Pores_Monkey_SimulationG
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.195

Simulation: SingleIV_2Pores_Monkey-SingleIV_2Pores_Monkey_SimulationH
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
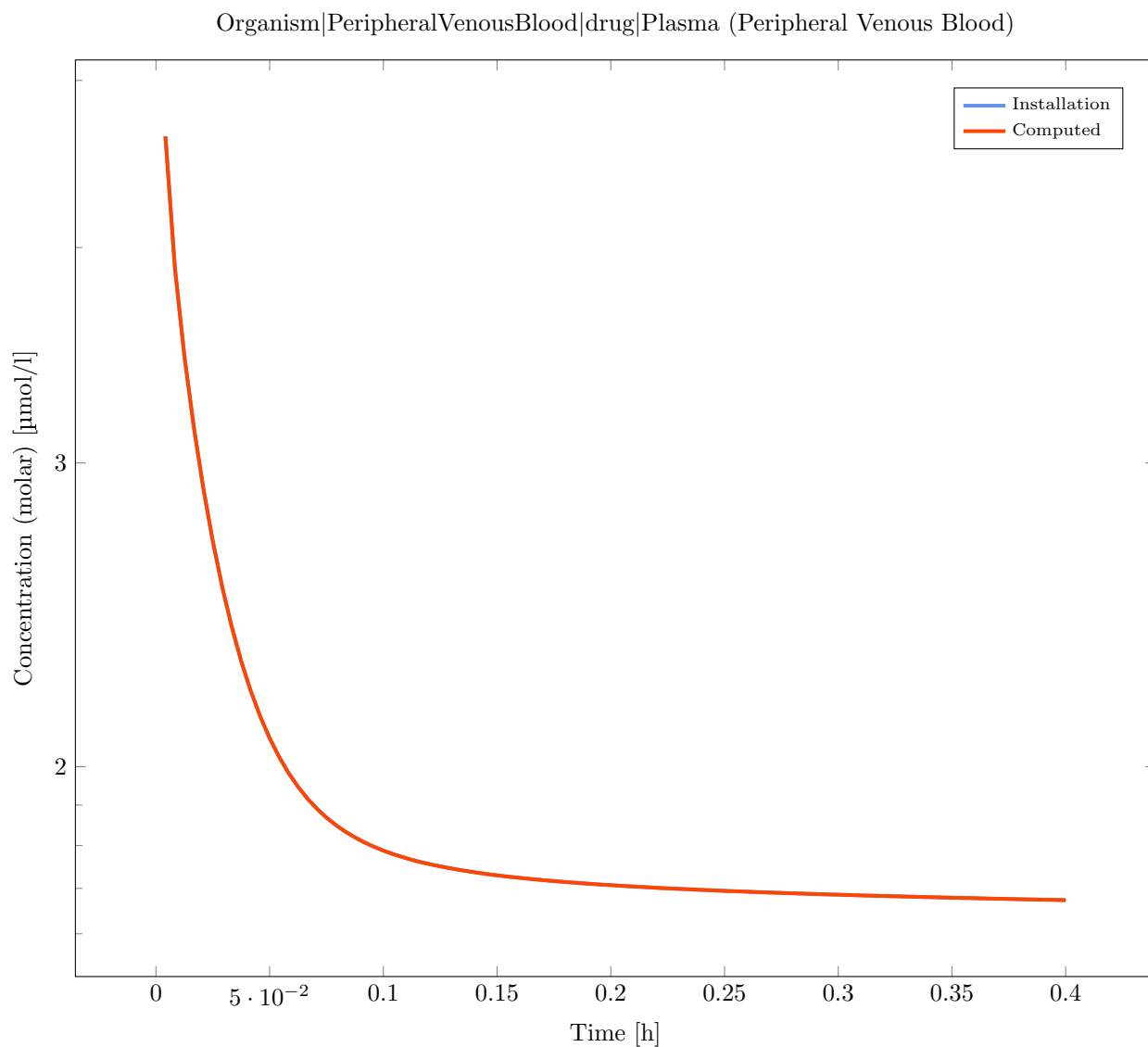Deviation: 0

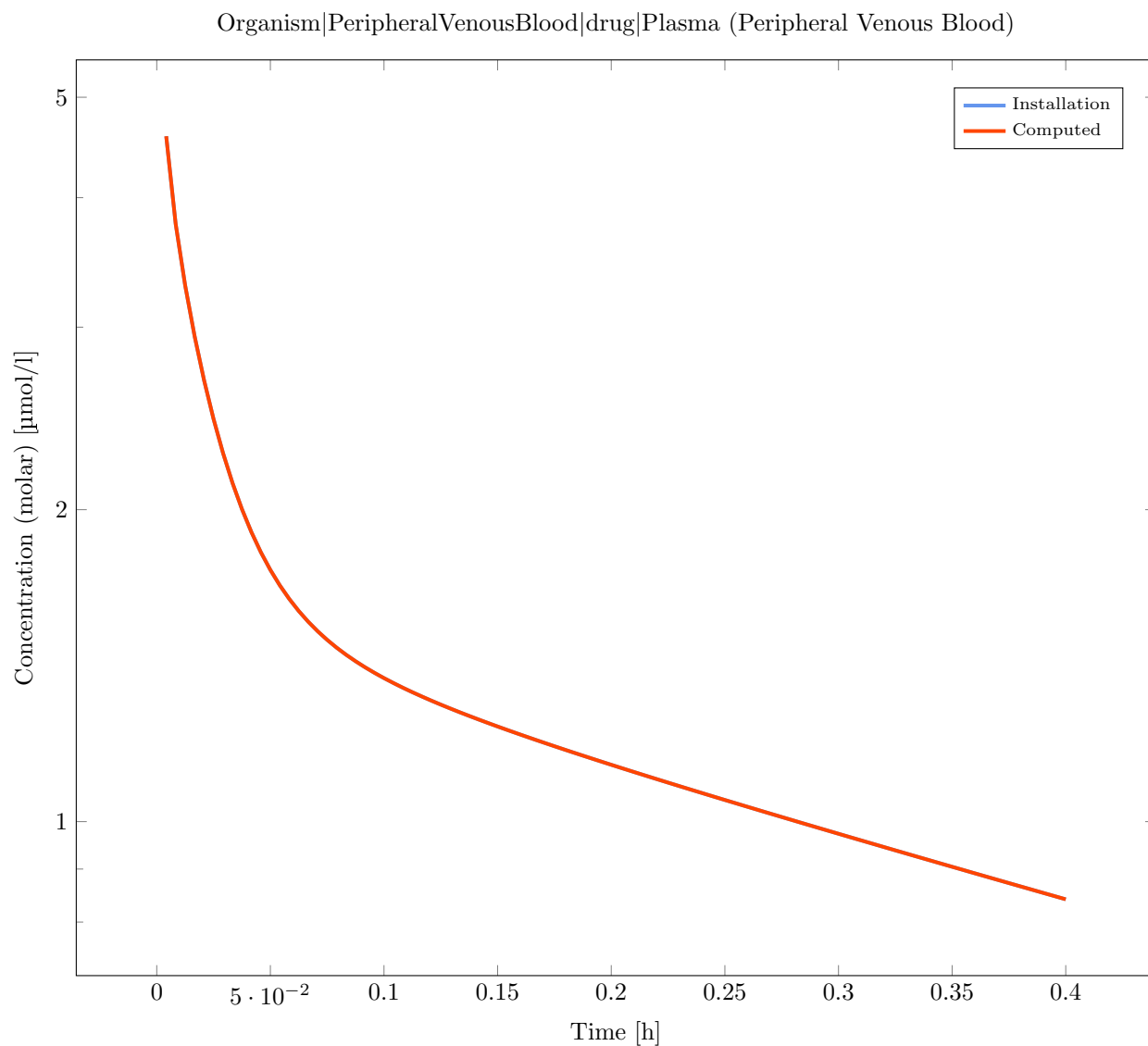Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.196

Simulation: SingleIV_2Pores_Mouse-SingleIV_2Pores_Mouse
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
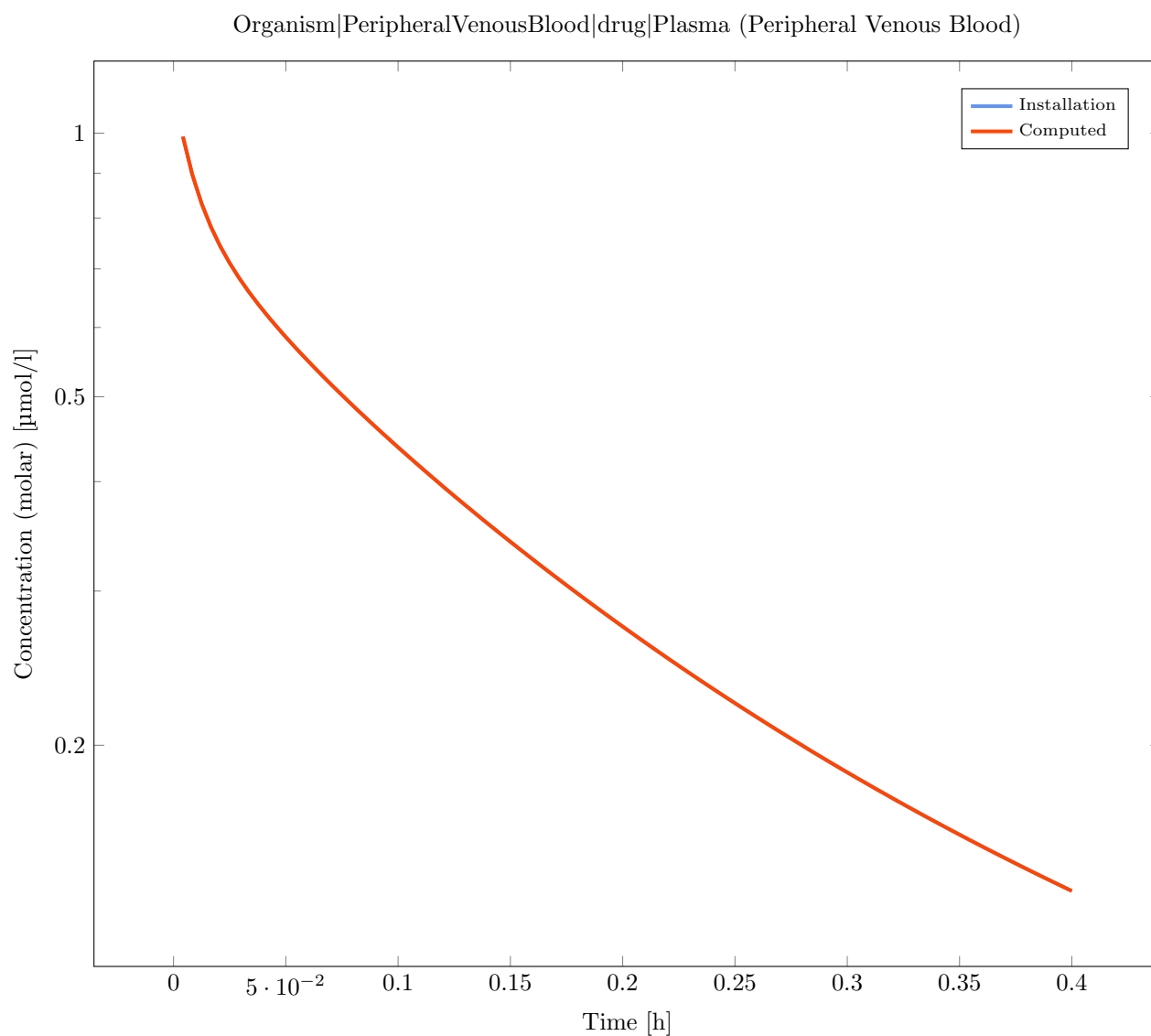Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.197

Simulation: SingleIV_2Pores_Mouse-SingleIV_2Pores_Mouse_SimulationA
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.198

Simulation: SingleIV_2Pores_Mouse-SingleIV_2Pores_Mouse_SimulationB
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
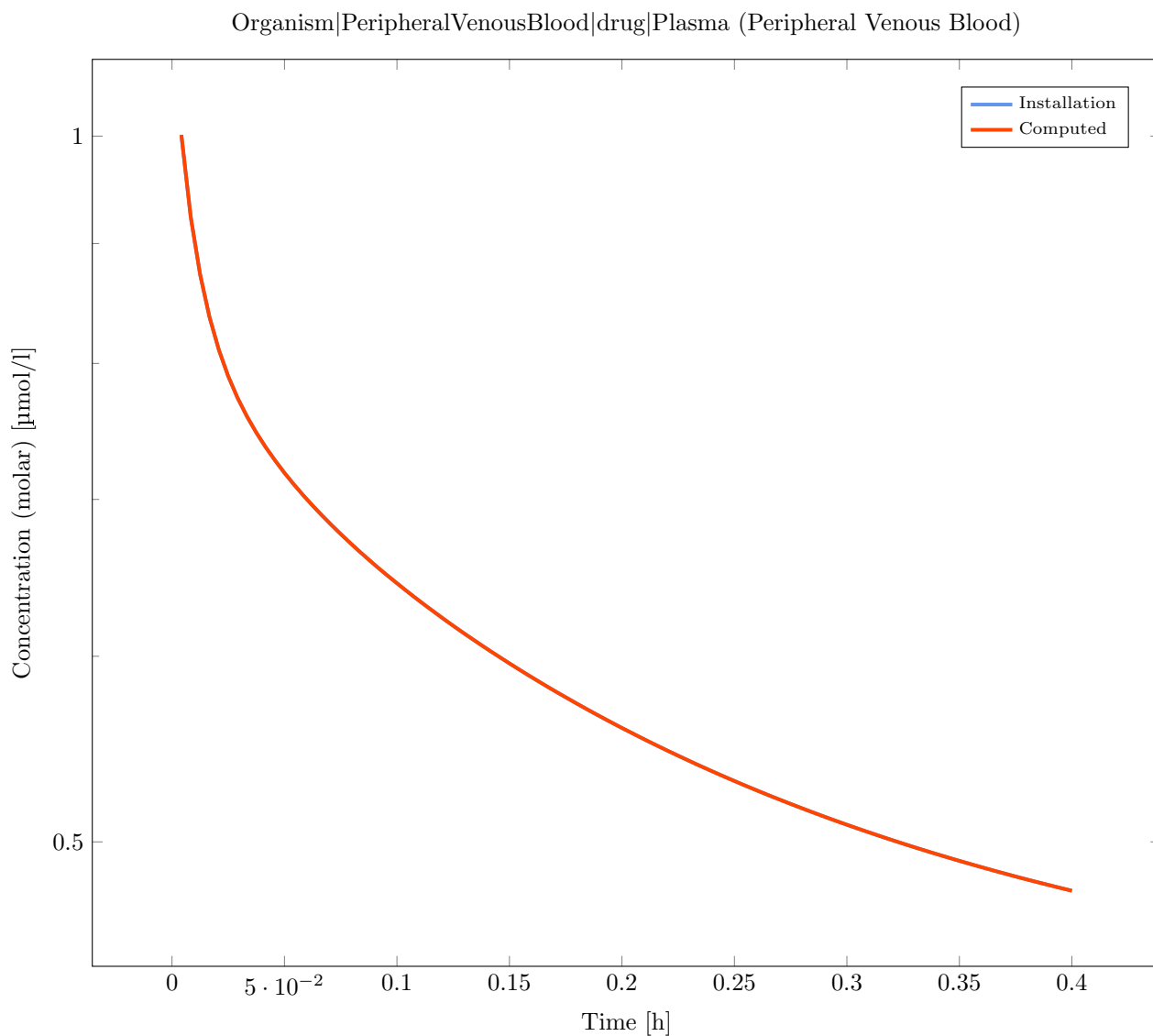Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.199

Simulation: SingleIV_2Pores_Mouse-SingleIV_2Pores_Mouse_SimulationE
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)
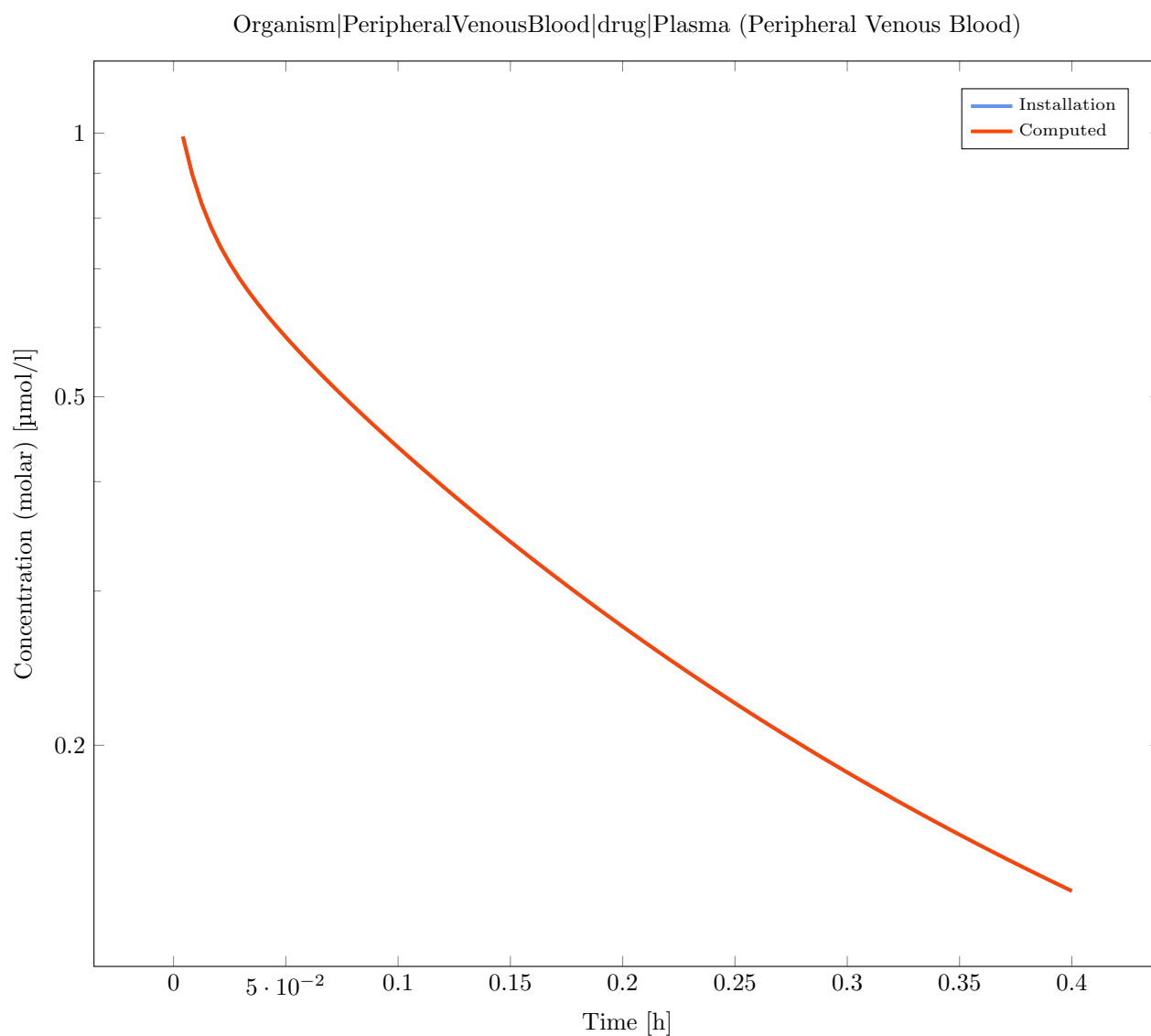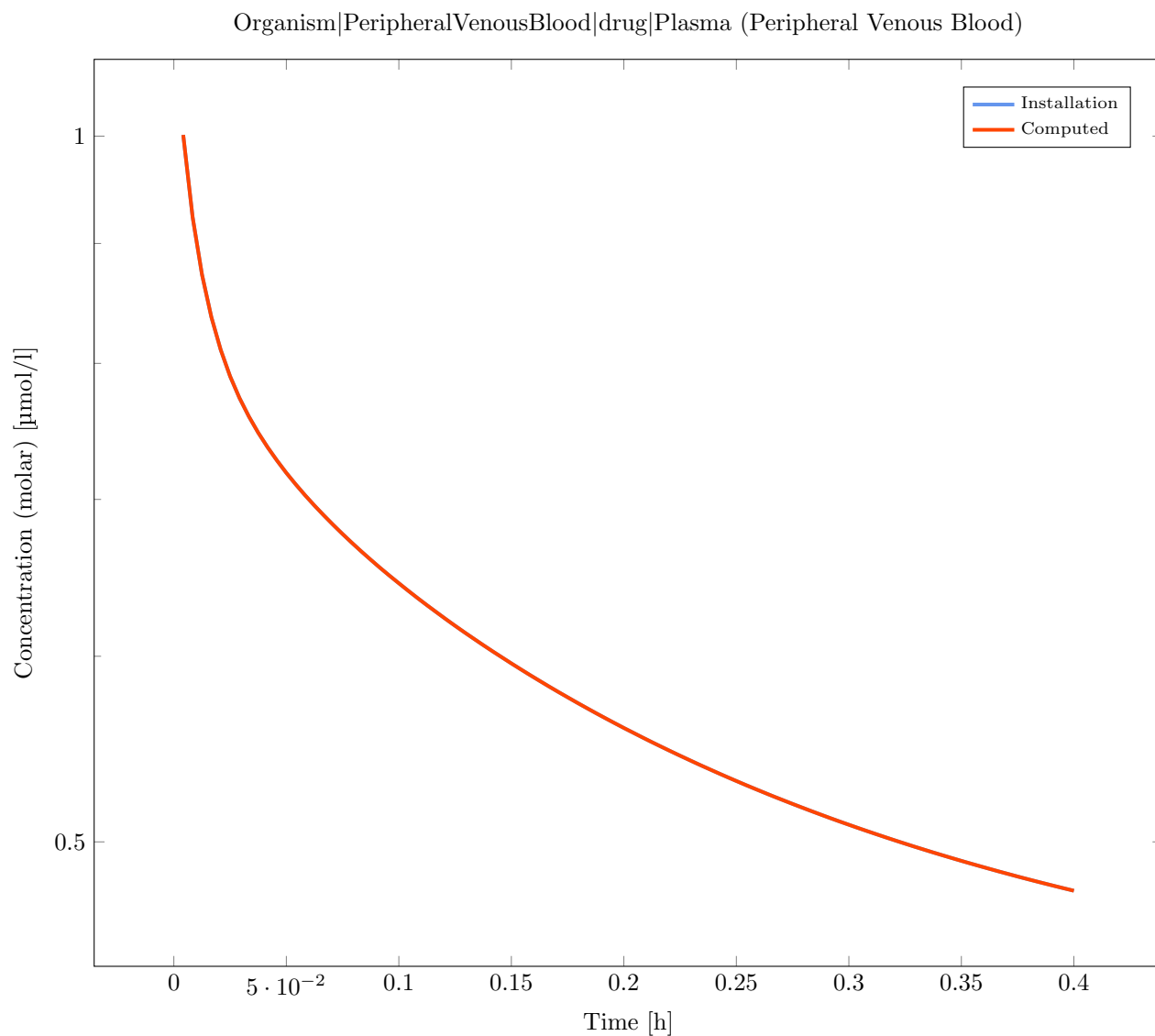Deviation: 0

Organism|PeripheralVenousBlood|drug|Plasma (Peripheral Venous Blood)

Figure 1.200

**Simulation: SingleIV_C1_4Comp_standard_standard_standard-SingleIV_C1_4Comp_standard_standard_-
standard**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.201

Simulation: SingleIV_C2_4Comp_PT_standard_standard-SingleIV_C2_4Comp_PT_standard_standard
Result of the validation: Valid

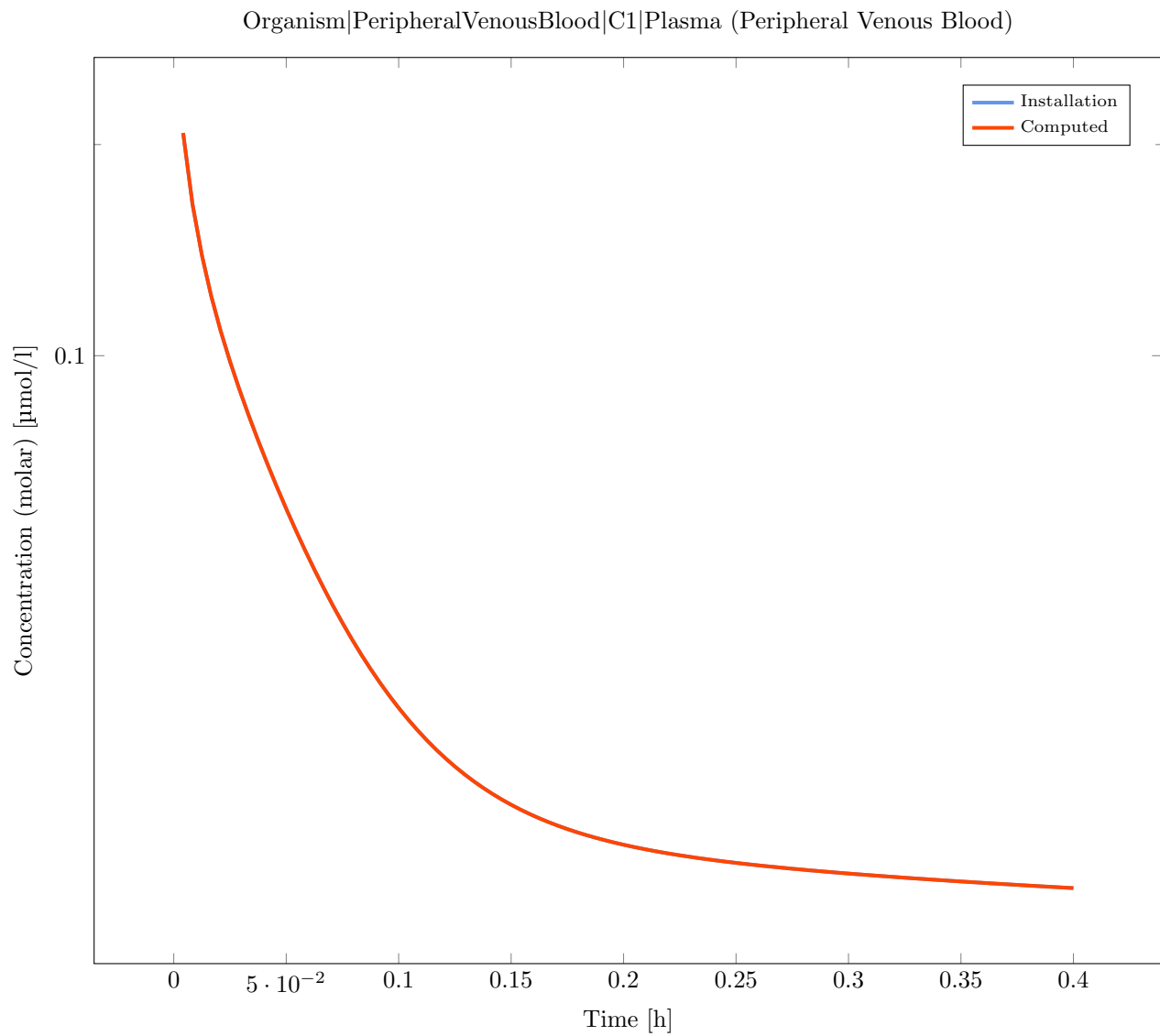**Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.202

Simulation: SingleIV_C2_4Comp_RR_standard_standard-SingleIV_C2_4Comp_RR_standard_standard
Result of the validation: Valid

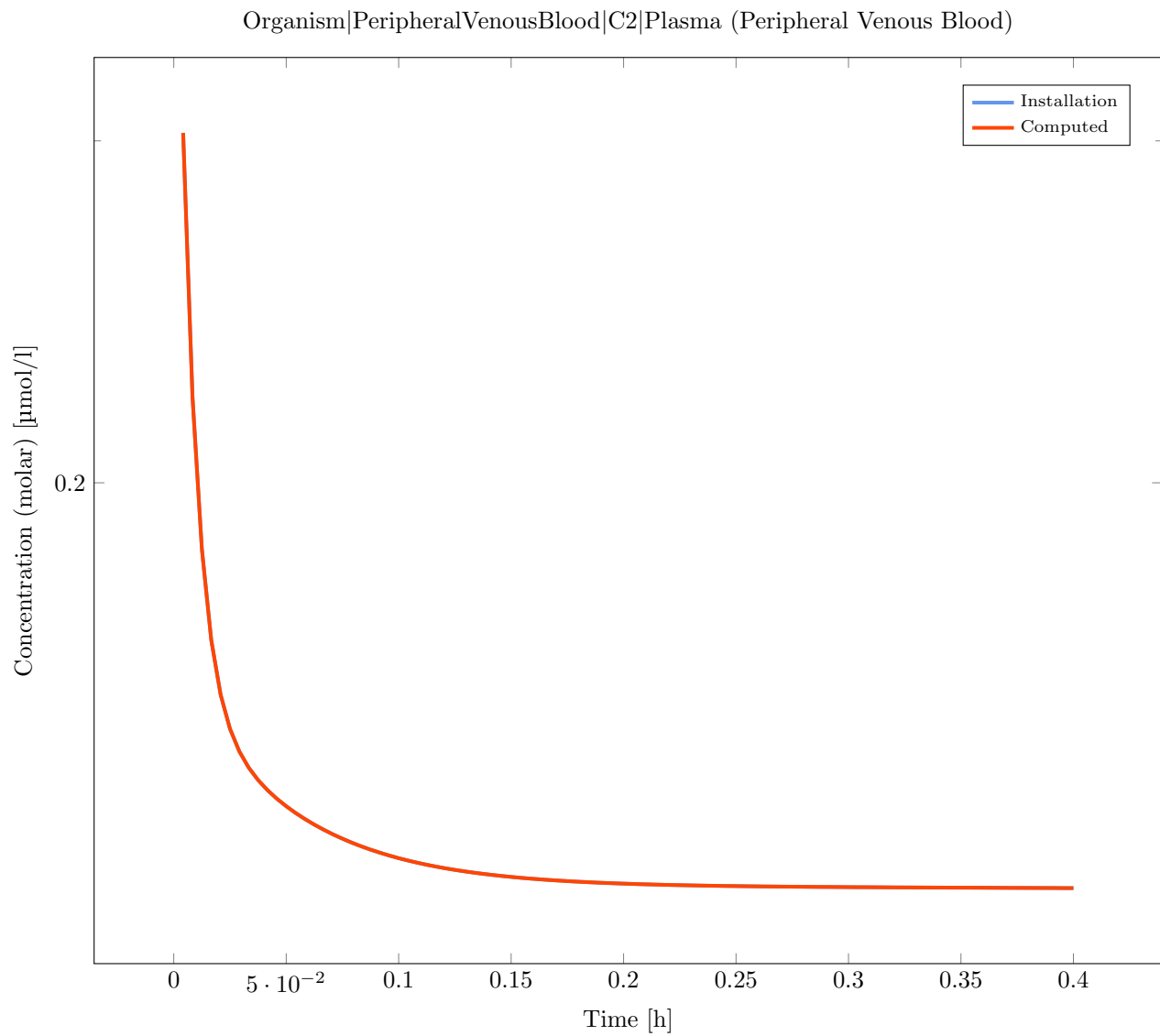**Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)**
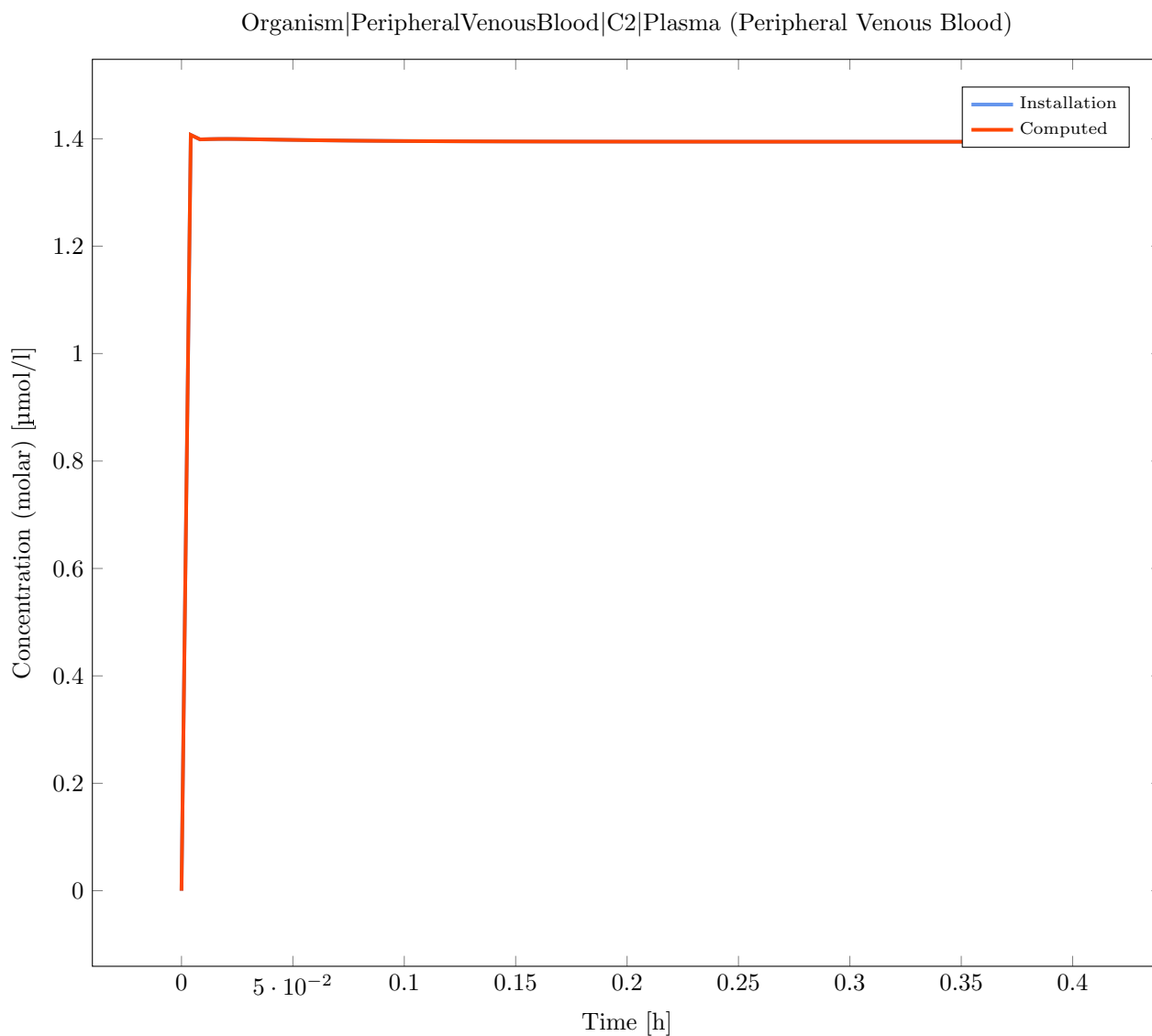Deviation: 0

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.203

Simulation: SingleIV_C2_4Comp_standard_schmitt_standard-SingleIV_C2_4Comp_standard_schmitt_-standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.204

Simulation: SingleIV_C3_4Comp_RR_schmitt_standard-SingleIV_C3_4Comp_RR_schmitt_standard
Result of the validation: Valid

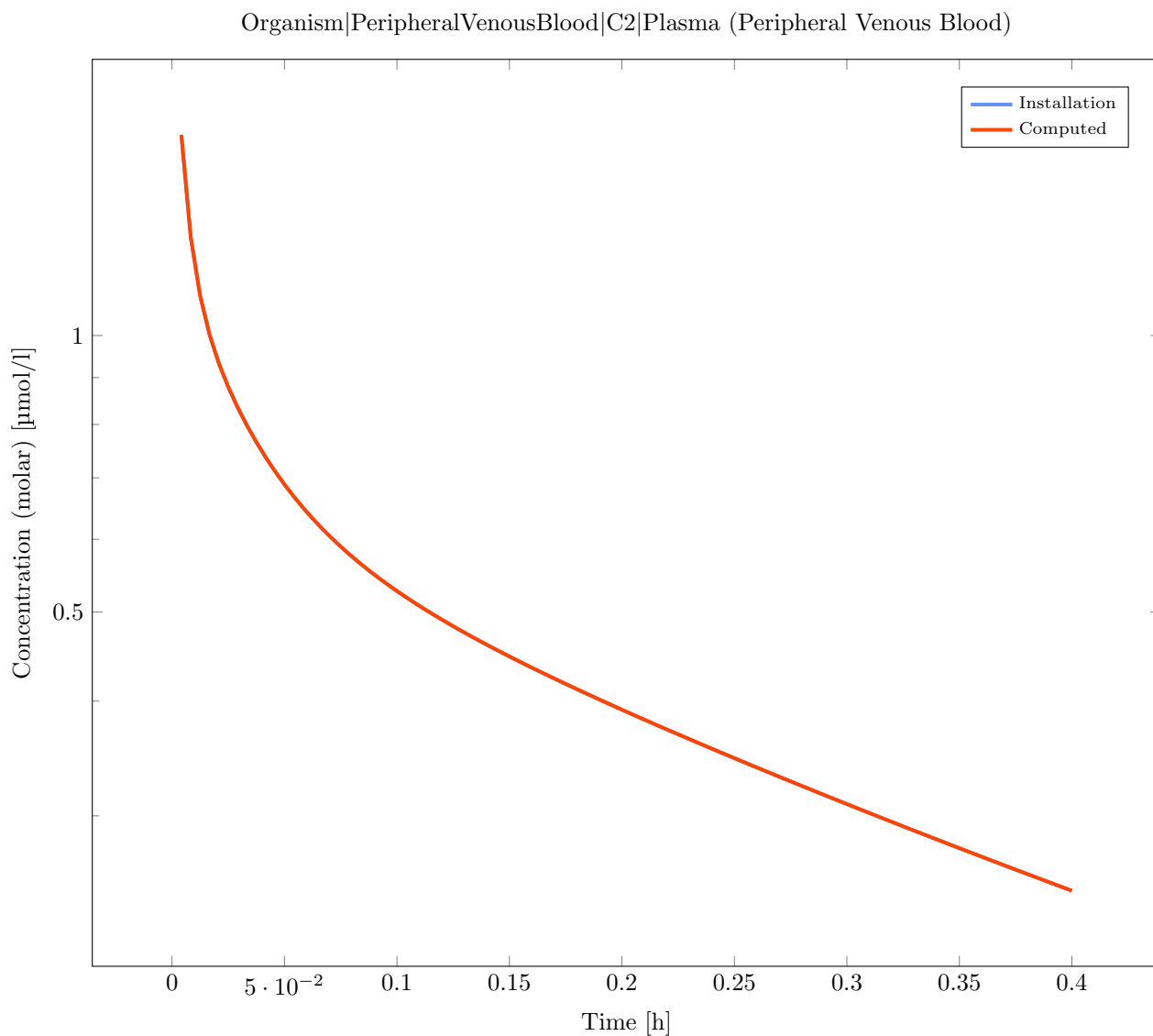**Output Path: Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)

Figure 1.205

Simulation: SingleIV_C3_4Comp_standard_schmittnormlized_standard-SingleIV_C3_4Comp_standard_-schmittnormlized_standard

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)

Deviation: 0

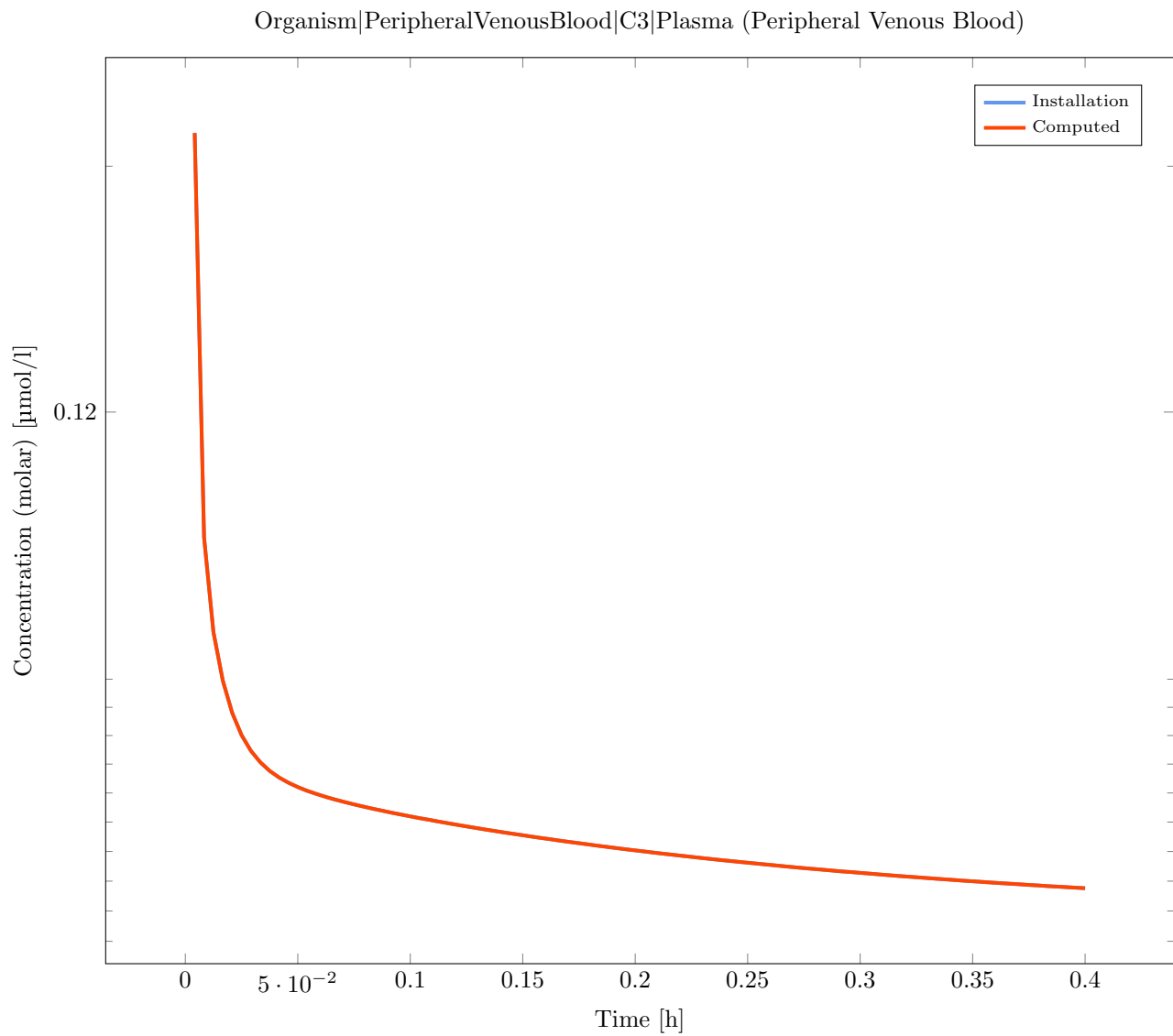Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)

Figure 1.206

Simulation: SingleIV_C4_2Pores_RR_standard_standard-SingleIV_C4_2Pores_RR_standard_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C4|Plasma (Peripheral Venous Blood)
Deviation: 0

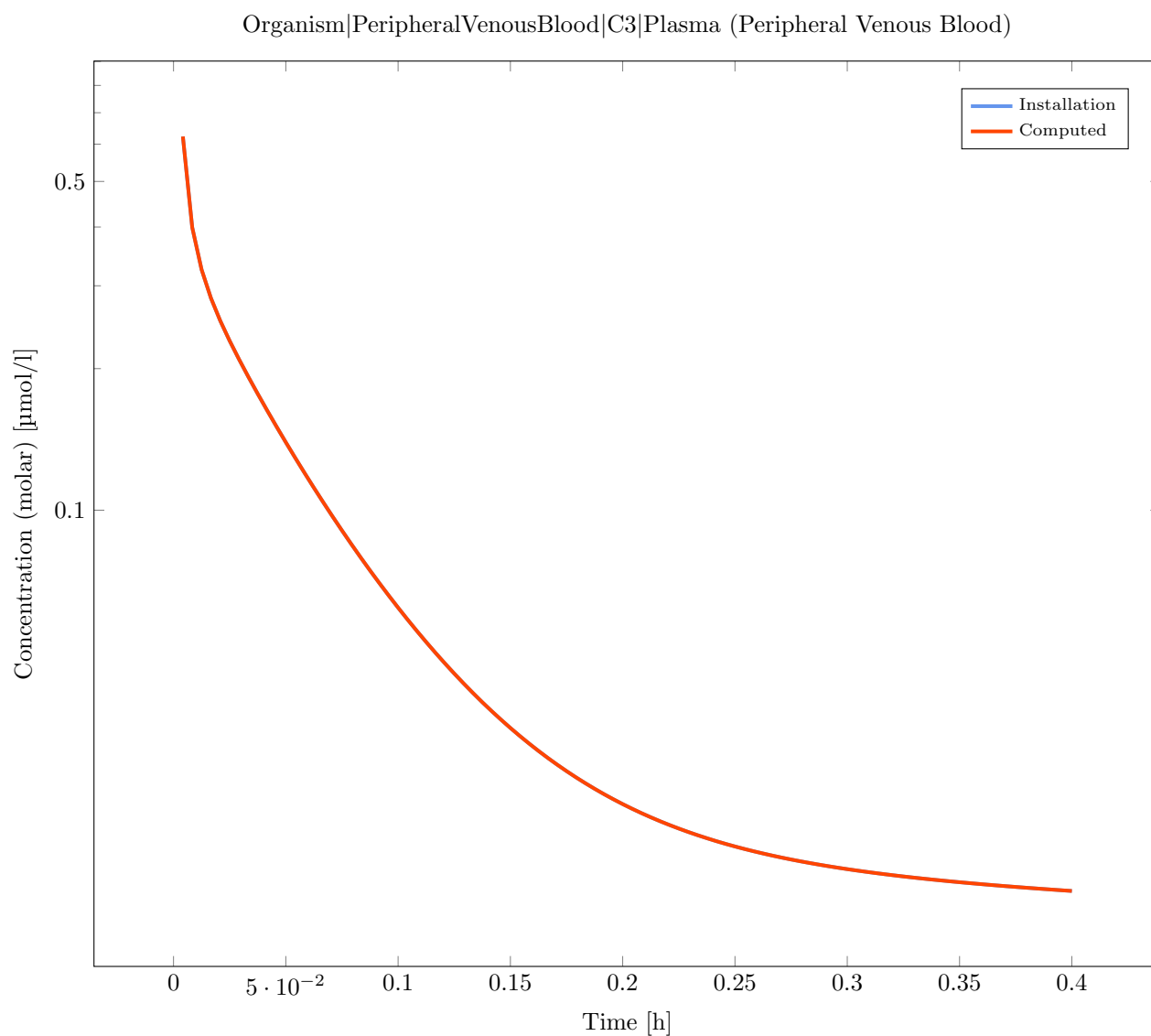Organism|PeripheralVenousBlood|C4|Plasma (Peripheral Venous Blood)

Figure 1.207

Simulation: SingleIV_C4_4Comp_Ber_standard_standard-SingleIV_C4_4Comp_Ber_standard_standard
Result of the validation: Valid

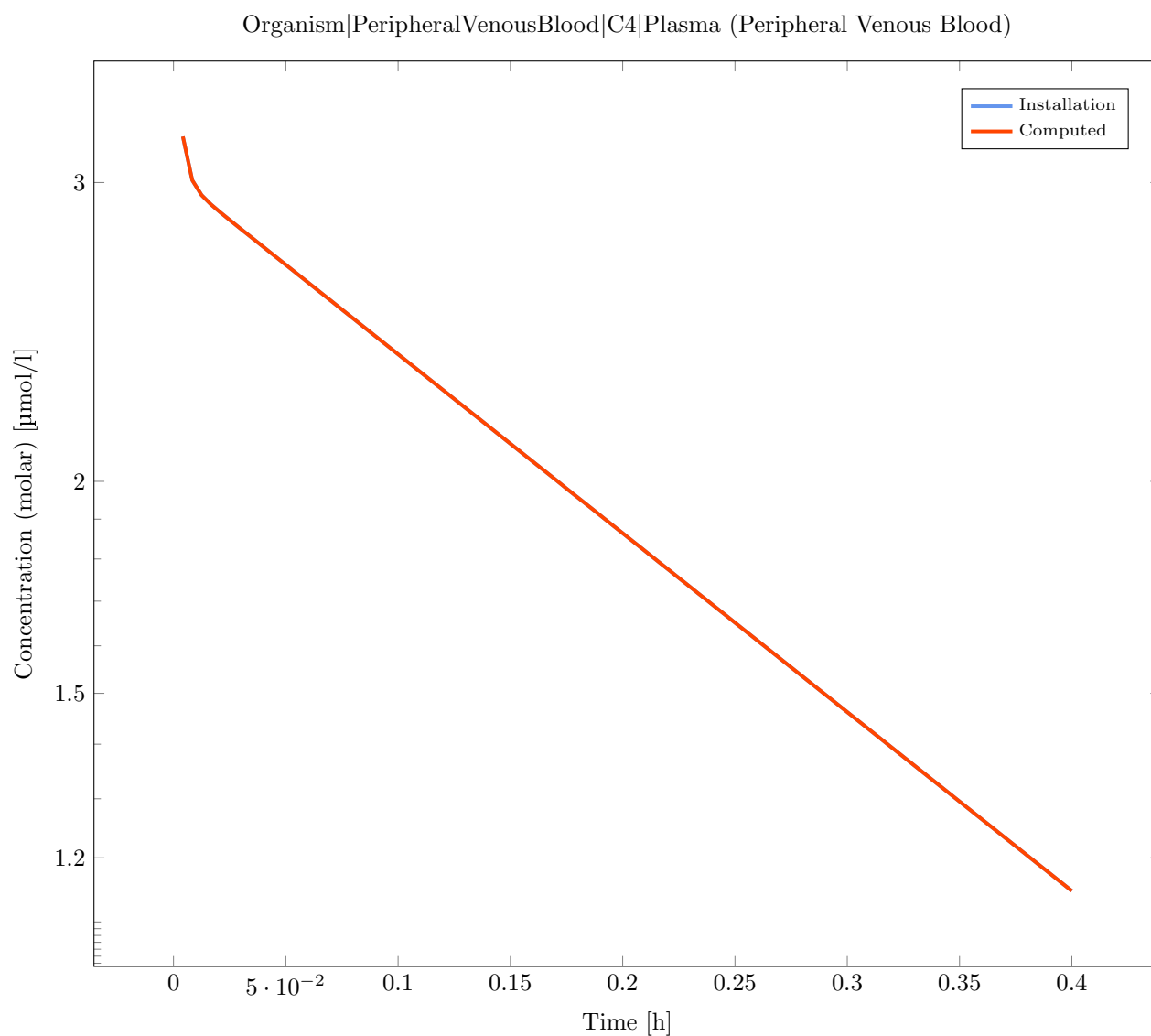**Output Path: Organism|PeripheralVenousBlood|C4|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C4|Plasma (Peripheral Venous Blood)

Figure 1.208

Simulation: SingleIV_C5_2Pores_Ber_standard_standard-SingleIV_C5_2Pores_Ber_standard_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C5|Plasma (Peripheral Venous Blood)
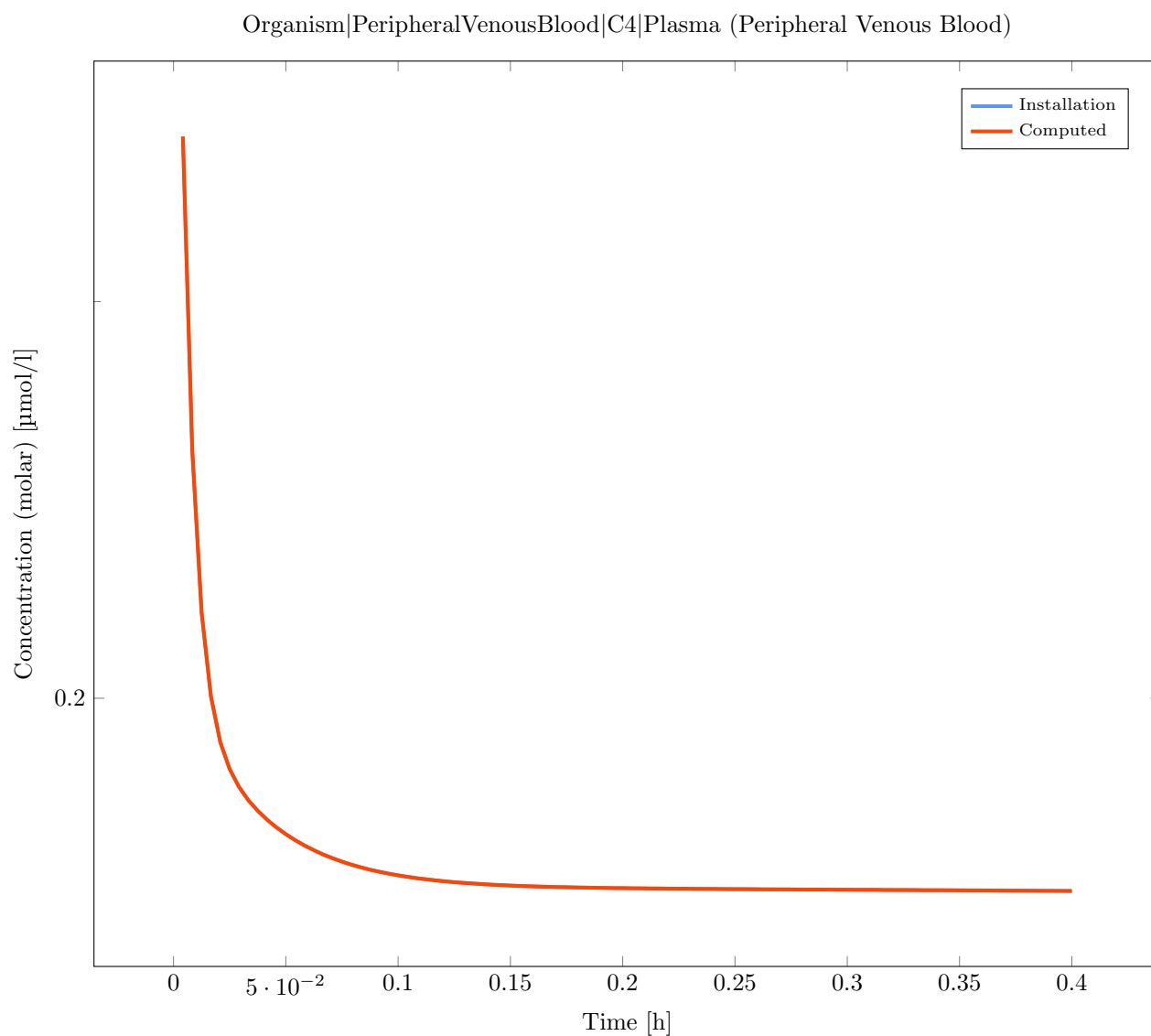Deviation: 0

Organism|PeripheralVenousBlood|C5|Plasma (Peripheral Venous Blood)

Figure 1.209

Simulation: SingleIV_C5_2Pores_PT_standard_standard-SingleIV_C5_2Pores_PT_standard_standard
Result of the validation: Valid

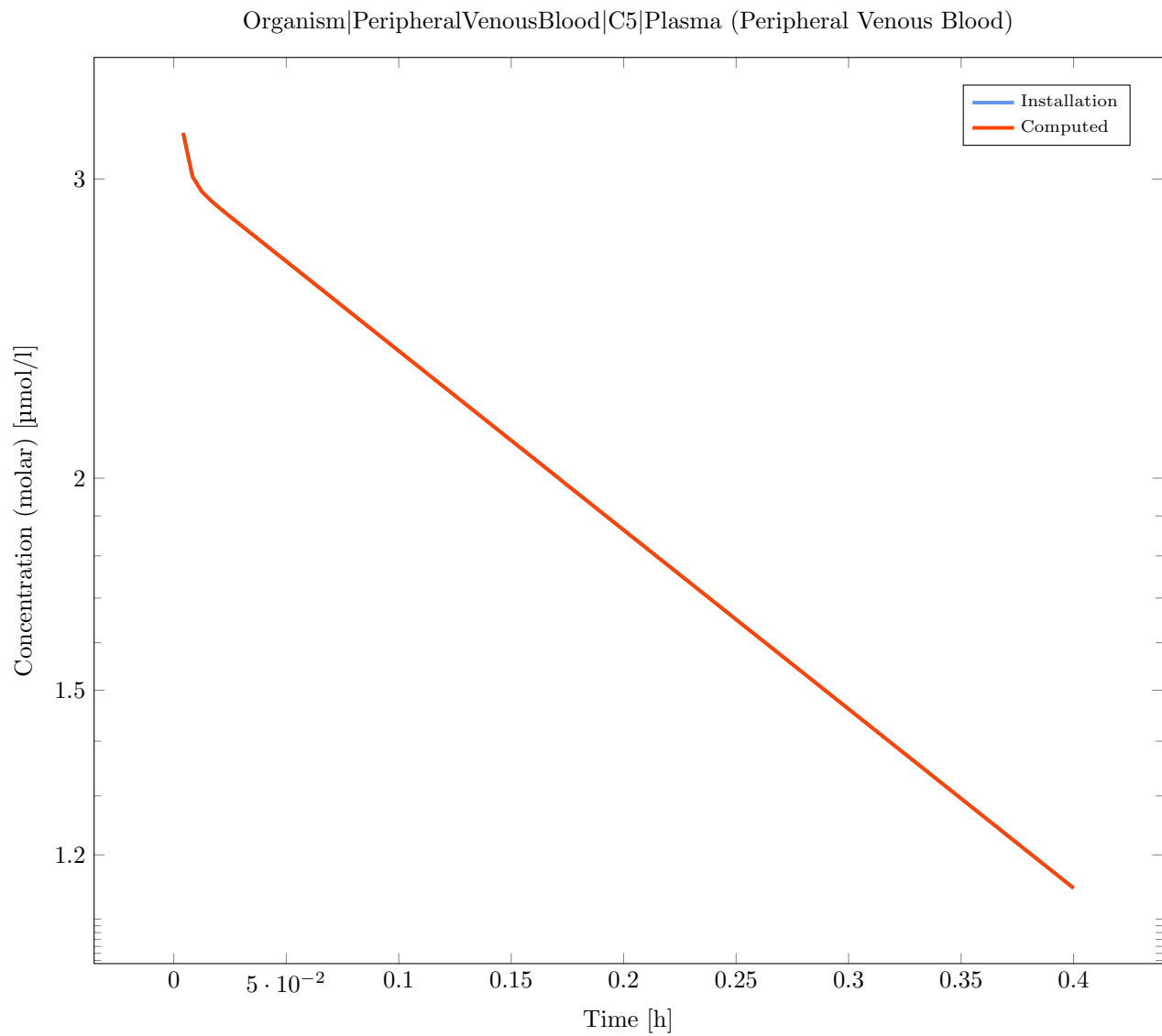**Output Path: Organism|PeripheralVenousBlood|C5|Plasma (Peripheral Venous Blood)**
Deviation: 0

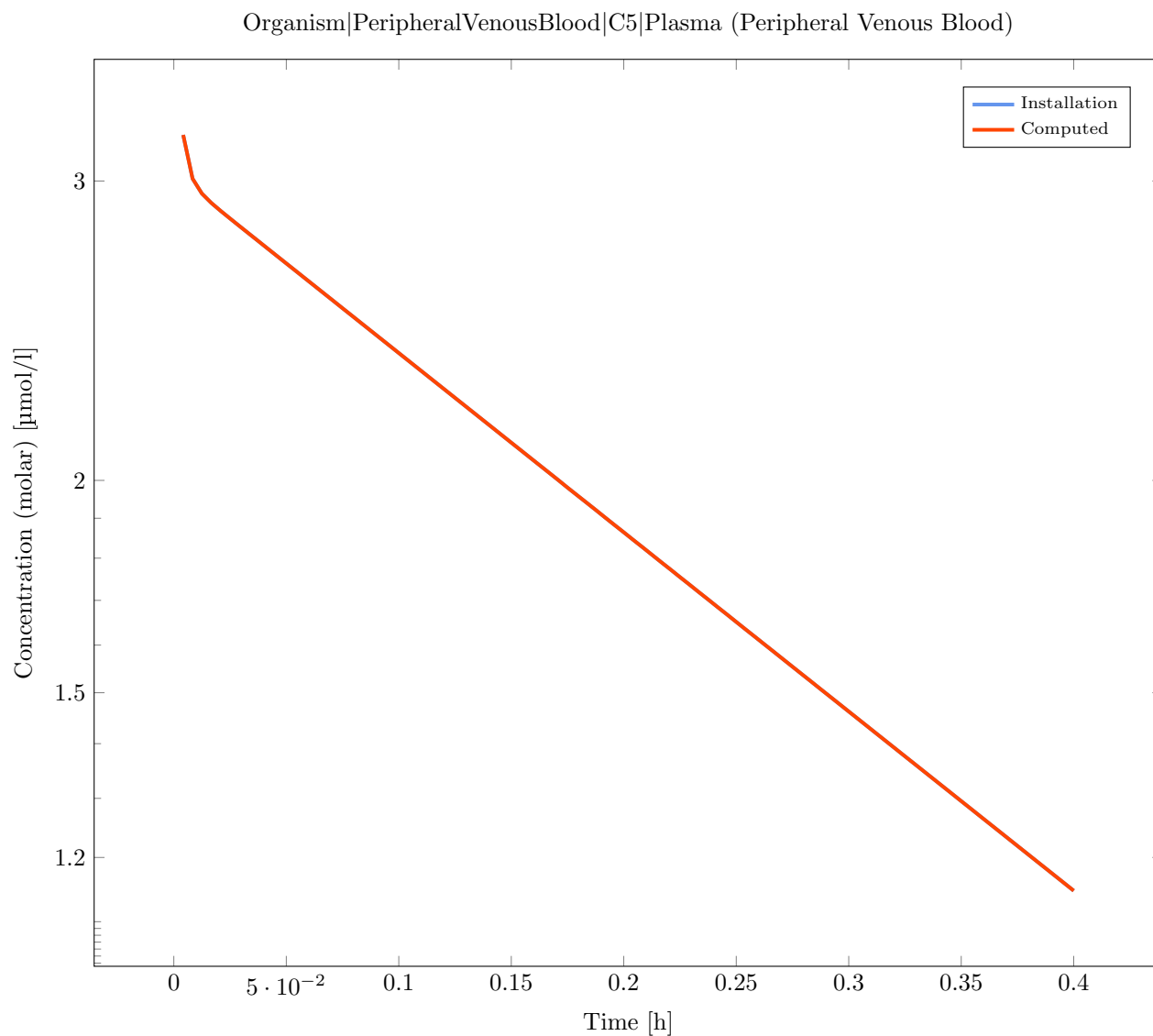Organism|PeripheralVenousBlood|C5|Plasma (Peripheral Venous Blood)

Figure 1.210

Simulation: SingleIV_C5_2Pores_RR_schmitt_standard-SingleIV_C5_2Pores_RR_schmitt_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C5|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C5|Plasma (Peripheral Venous Blood)

Figure 1.211

Simulation: SingleIV_C6_2Pores_standard_standard_standard-SingleIV_C6_2Pores_standard_standard_-standard

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C6|Plasma (Peripheral Venous Blood)

Deviation: 0

Organism|PeripheralVenousBlood|C6|Plasma (Peripheral Venous Blood)

Figure 1.212

Simulation: SingleIV_C7_2Pores_standard_schmitt_standard-SingleIV_C7_2Pores_standard_schmitt_-standard

Result of the validation: Valid

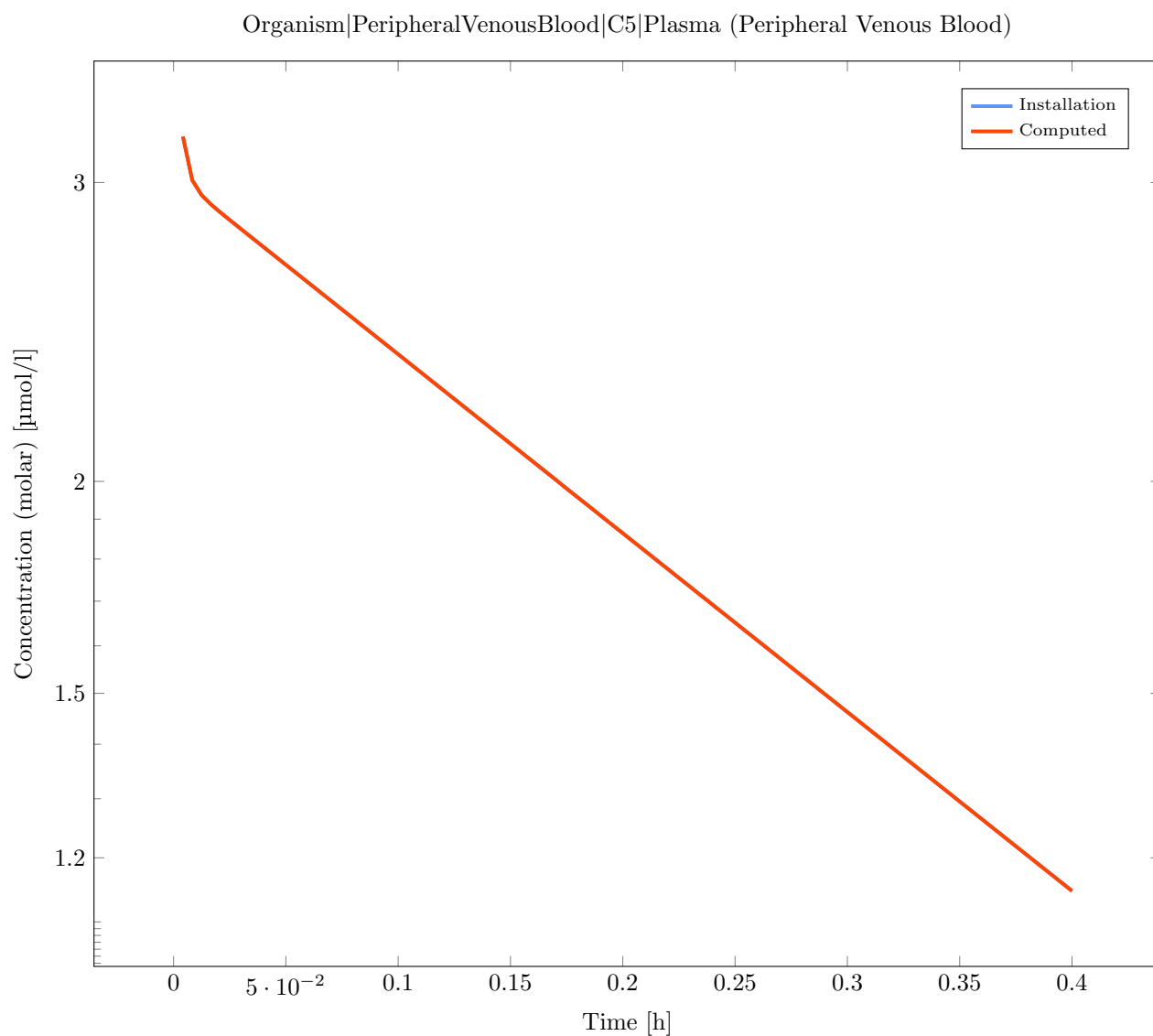**Output Path: Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)

Figure 1.213

Simulation: SingleIV_C7_4Comp_schmitt_standard_standard-SingleIV_C7_4Comp_schmitt_standard_-standard
Result of the validation: Valid

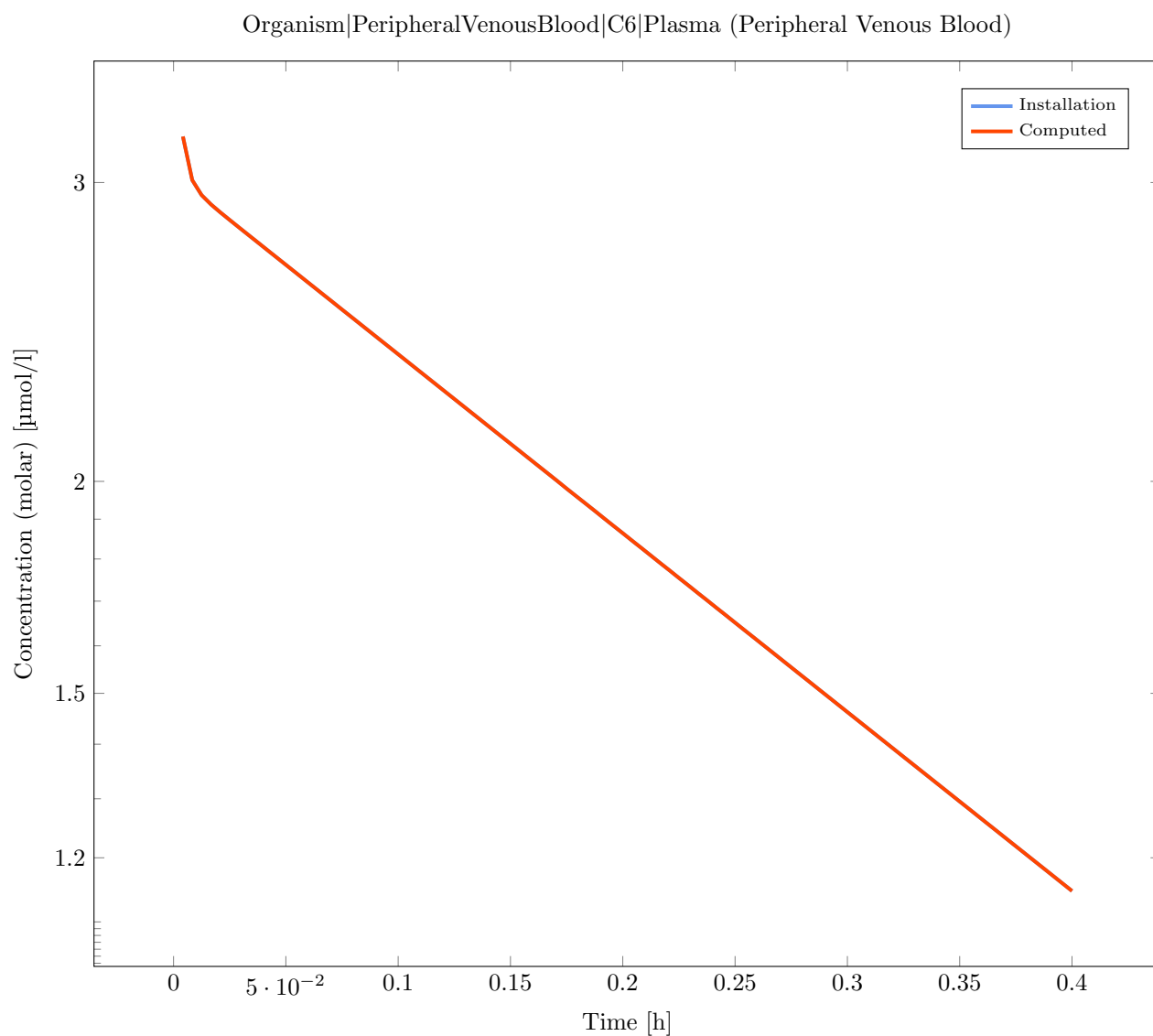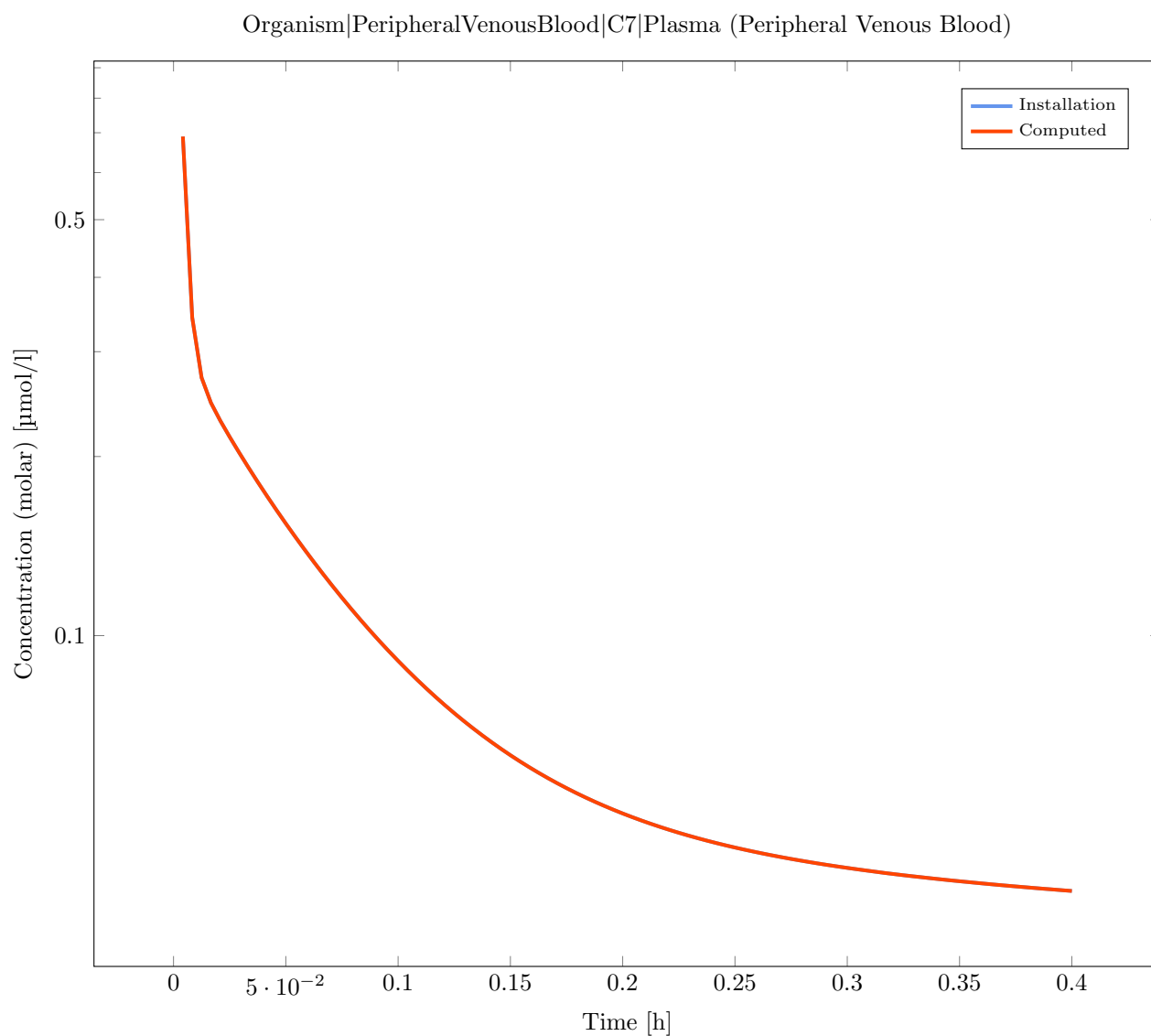**Output Path: Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)**
Deviation: 0

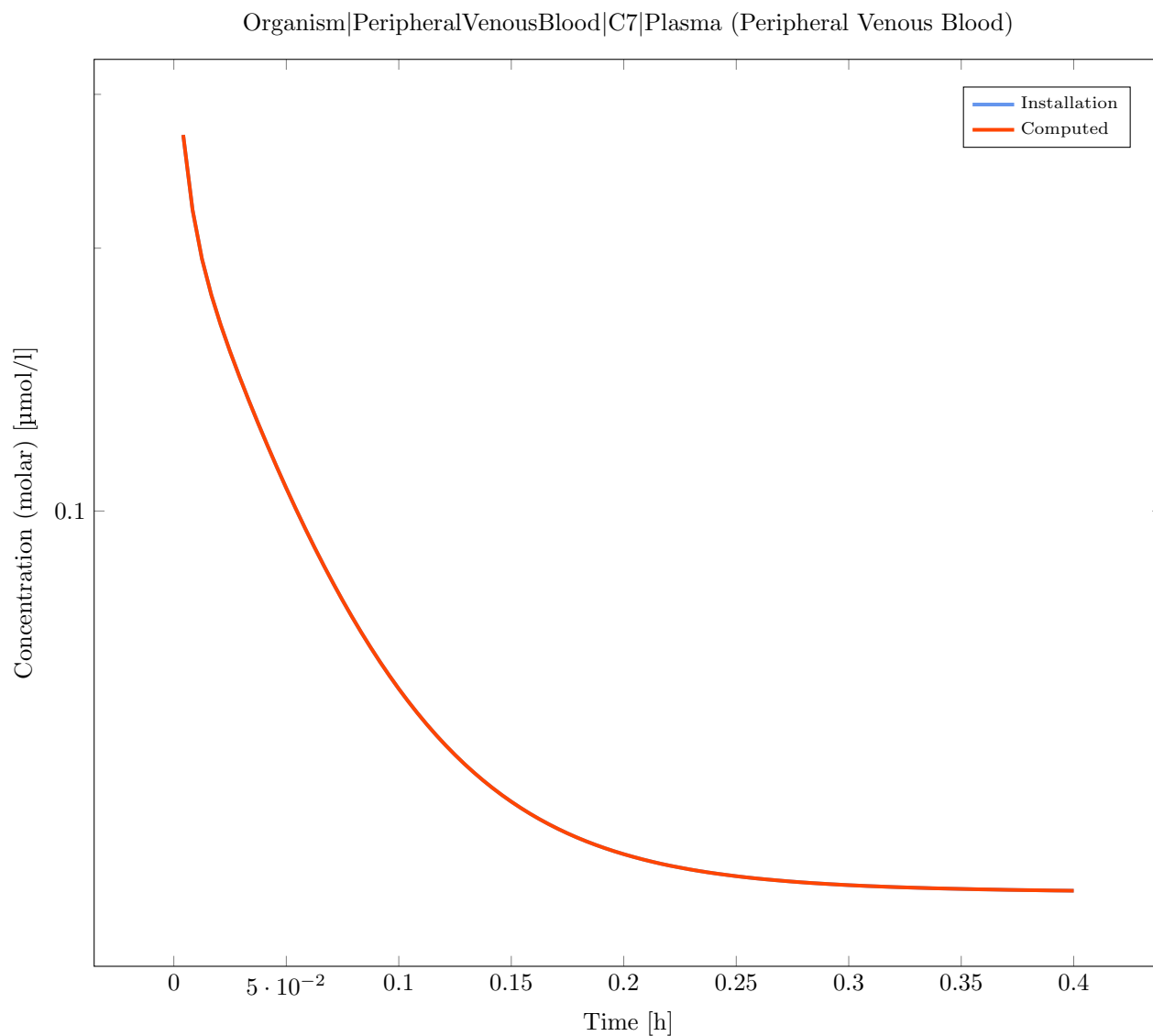Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)

Figure 1.214

Simulation: SingleIV_C8_2Pores_standard_schmittnormalized_standard-SingleIV_C8_2Pores_standard_-schmittnormalized_standard

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C8|Plasma (Peripheral Venous Blood)
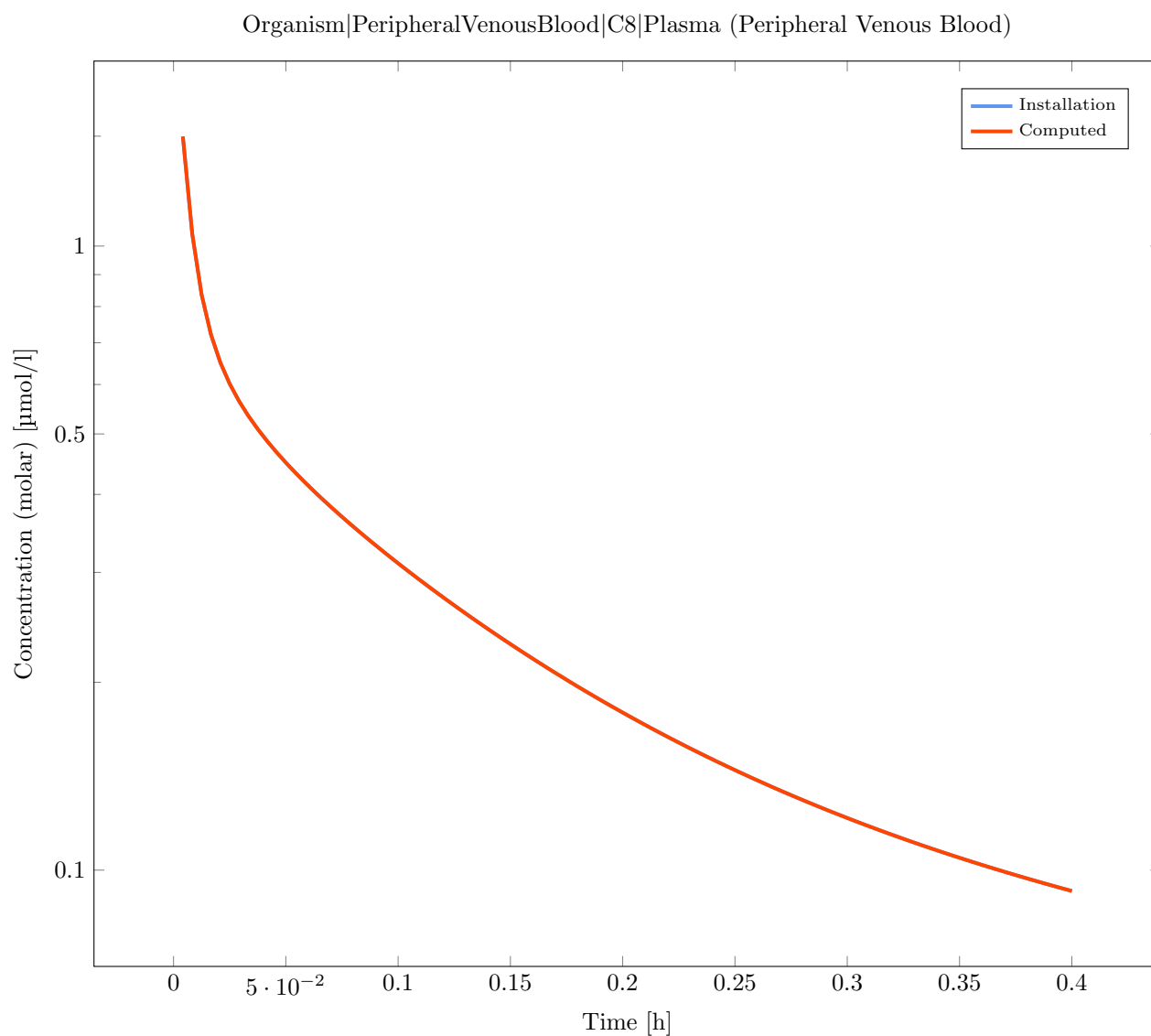Deviation: 0

Organism|PeripheralVenousBlood|C8|Plasma (Peripheral Venous Blood)

Figure 1.215

Simulation: SingleIV_C9_2Pores_schmitt_standard_standard-SingleIV_C9_2Pores_schmitt_standard_- standard

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C9|Plasma (Peripheral Venous Blood)

Deviation: 0

Organism|PeripheralVenousBlood|C9|Plasma (Peripheral Venous Blood)

Figure 1.216

**Simulation: SingleORAL_C10_4Comp_PT_standard_standard-SingleORAL_C10_4Comp_PT_standard_-
standard**
Result of the validation: Valid

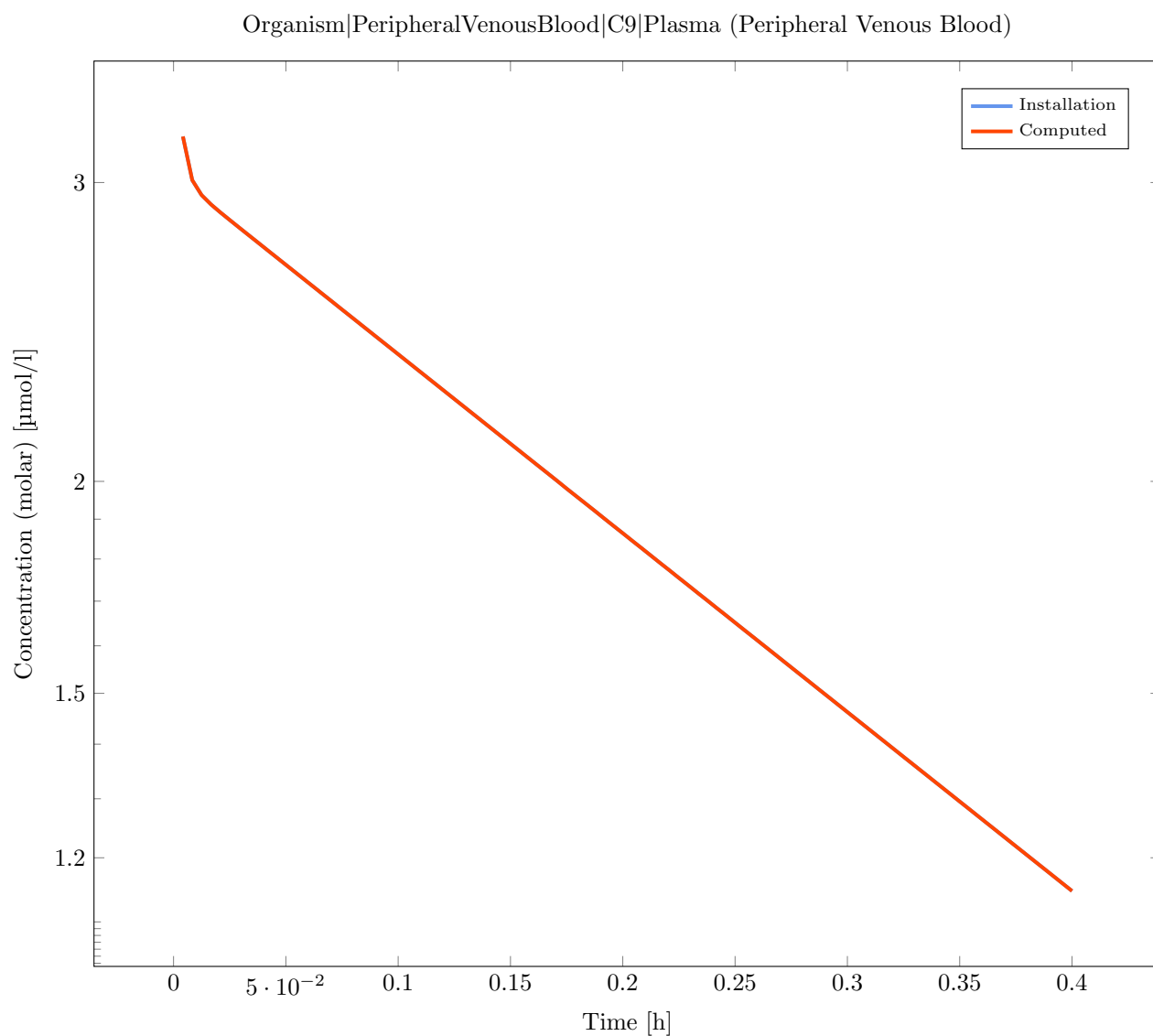**Output Path: Organism|PeripheralVenousBlood|C10|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C10|Plasma (Peripheral Venous Blood)

Figure 1.217

Simulation: SingleORAL_C11_4Comp_schmitt_standard_standard-SingleORAL_C11_4Comp_schmitt_-standard_standard
Result of the validation: Valid

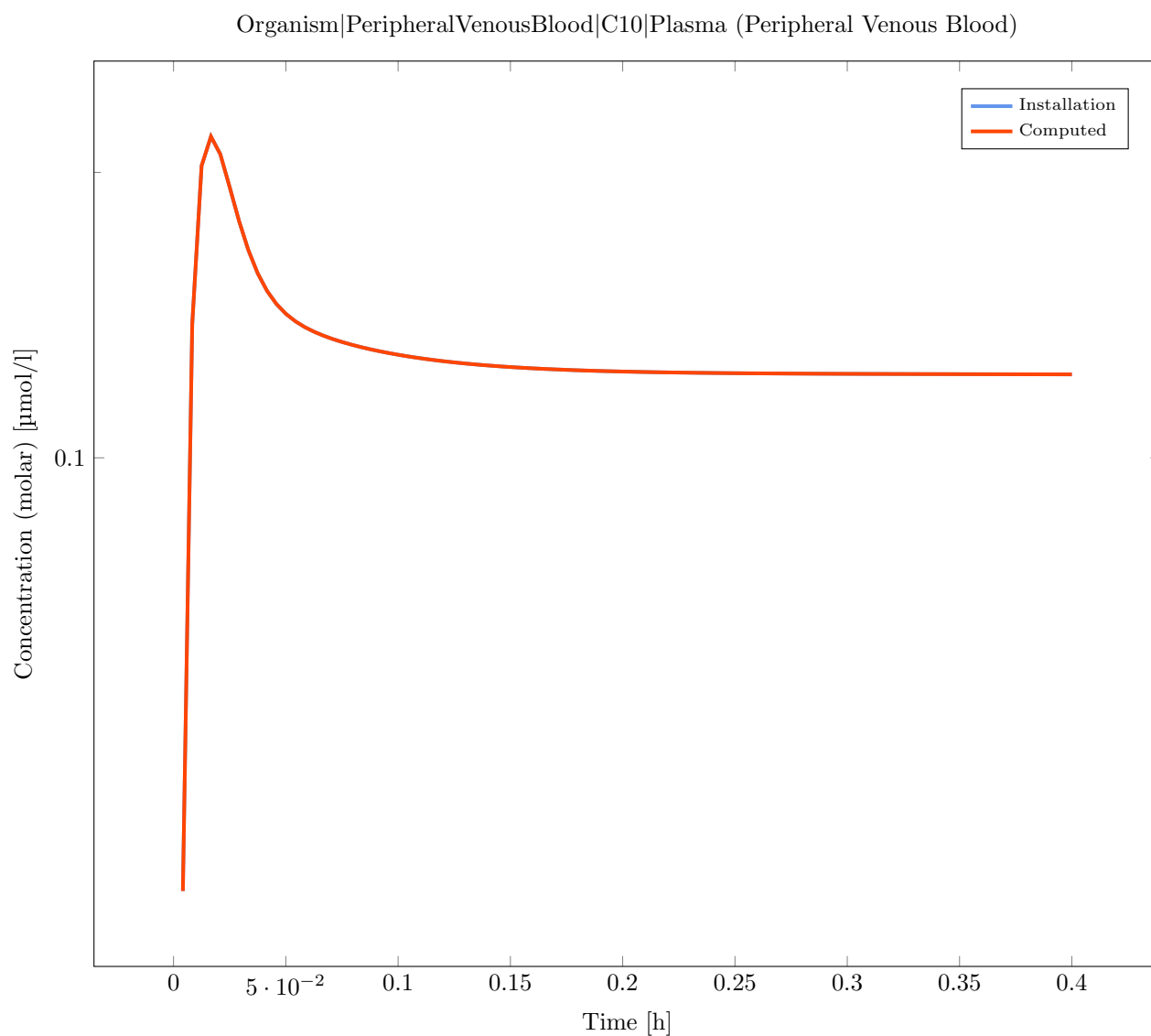**Output Path: Organism|PeripheralVenousBlood|C11|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C11|Plasma (Peripheral Venous Blood)

Figure 1.218

Simulation: SingleORAL_C11_4Comp_standard_standard_standard-SingleORAL_C11_4Comp_standard_-standard_standard

Result of the validation: Valid

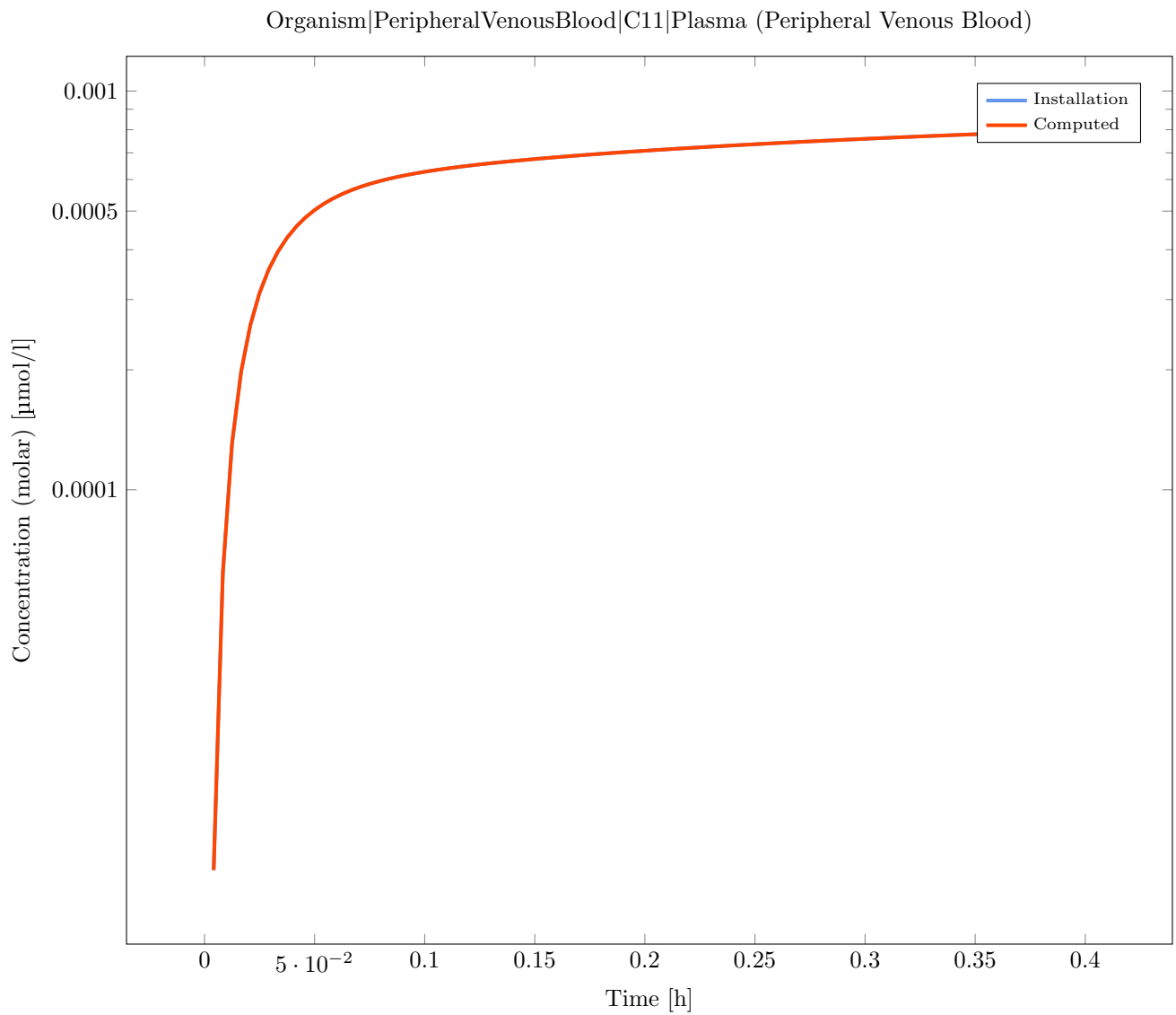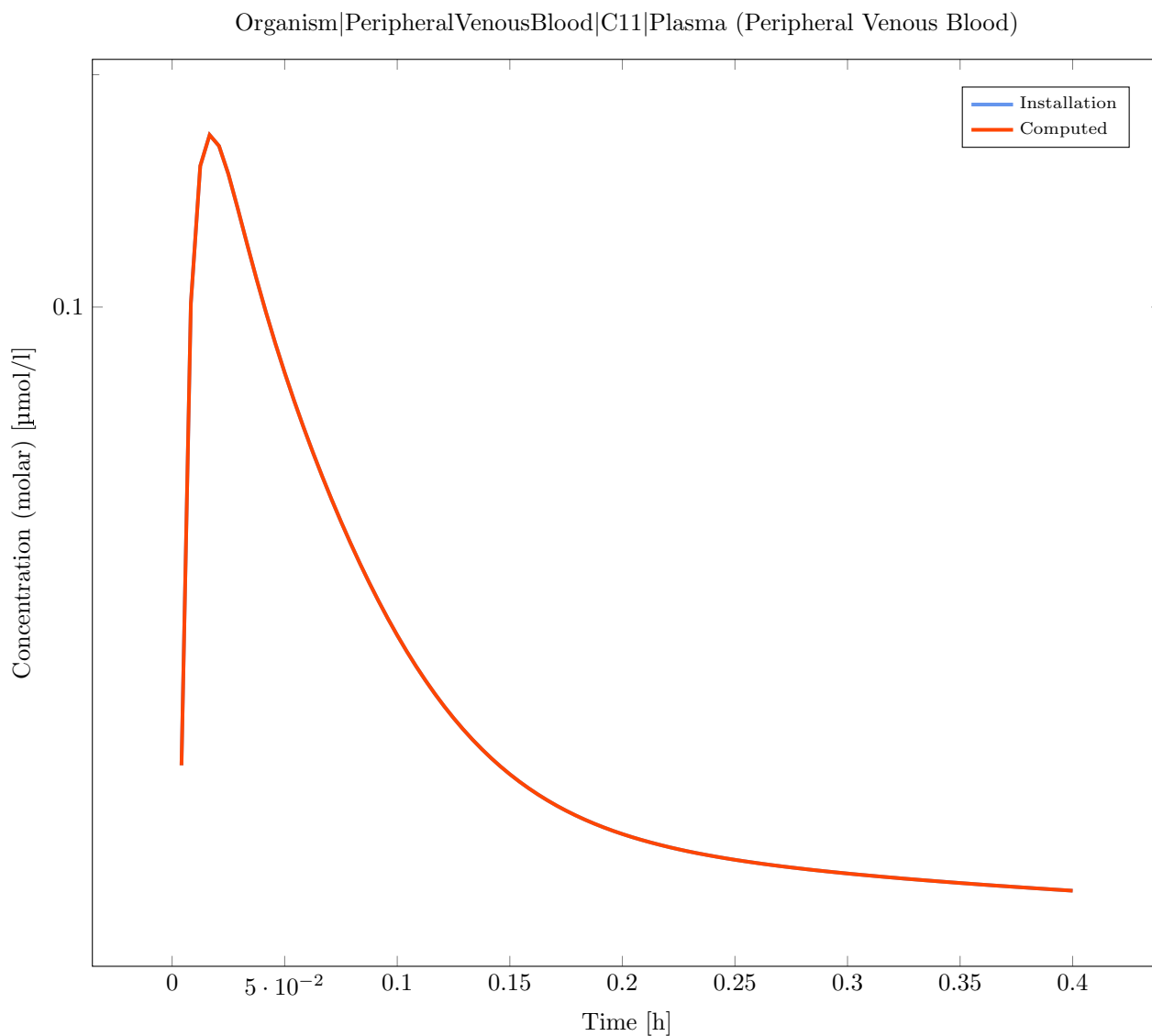**Output Path: Organism|PeripheralVenousBlood|C11|Plasma (Peripheral Venous Blood)**

Deviation: 0

Organism|PeripheralVenousBlood|C11|Plasma (Peripheral Venous Blood)

Figure 1.219

Simulation: SingleORAL_C12_4Comp_standard_schmitt_standard-SingleORAL_C12_4Comp_standard_- schmitt_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C12|Plasma (Peripheral Venous Blood)
Deviation: 0

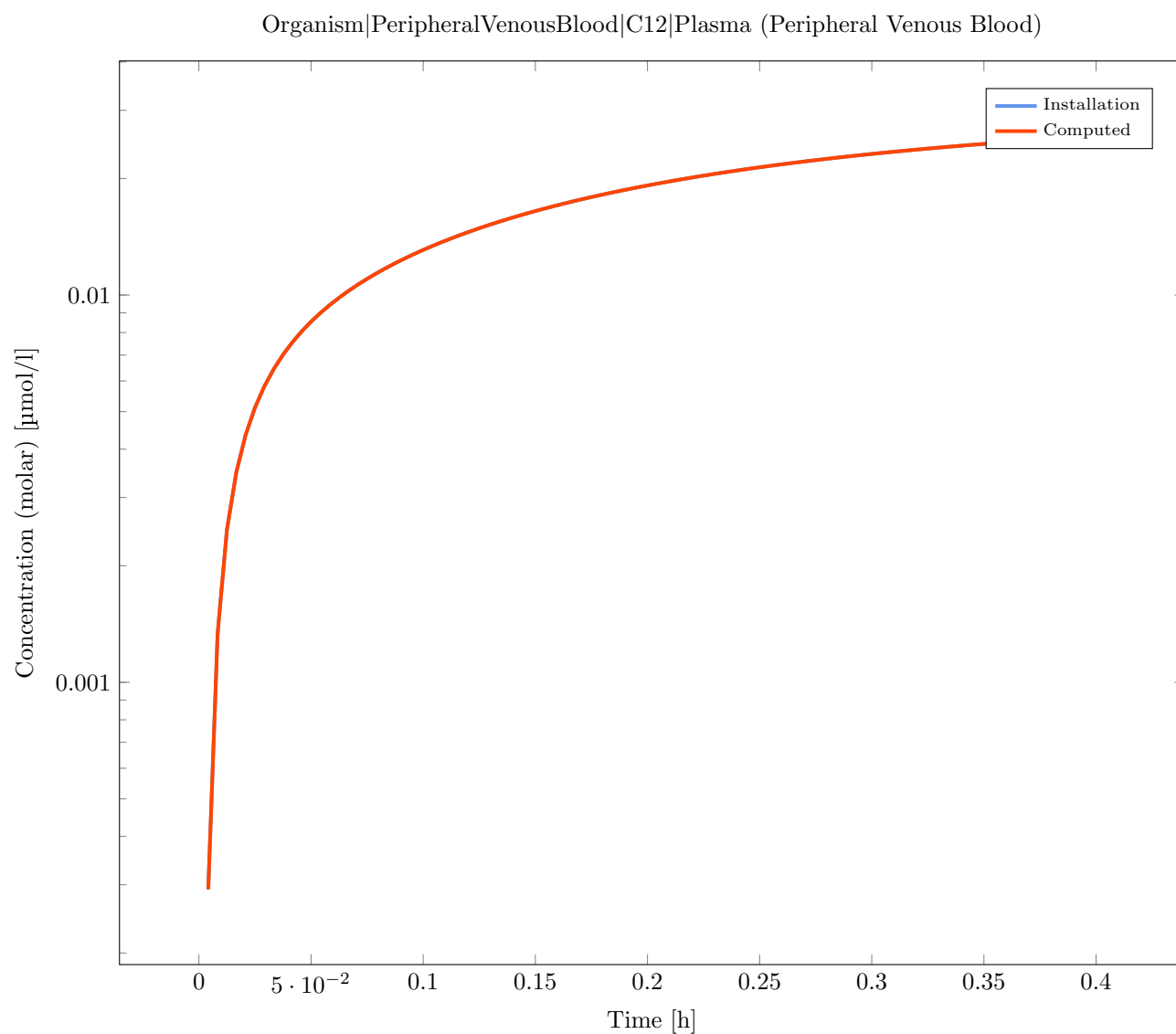Organism|PeripheralVenousBlood|C12|Plasma (Peripheral Venous Blood)

Figure 1.220

Simulation: SingleORAL_C13_2Pores_schmitt_standard_standard-SingleORAL_C13_2Pores_schmitt_-standard_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C13|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C13|Plasma (Peripheral Venous Blood)

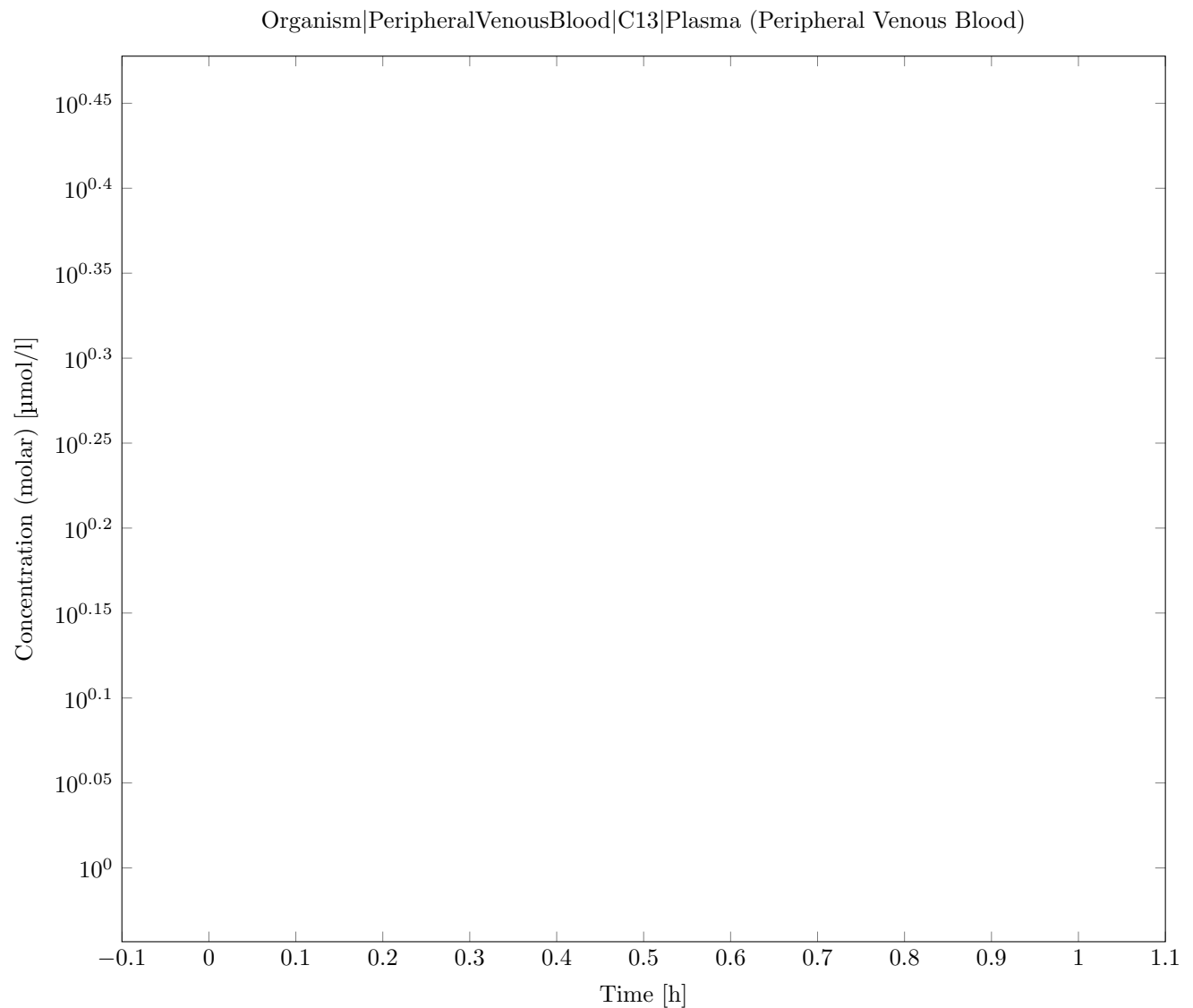**Figure 1.221**

Simulation: SingleORAL_C13_4Comp_standard_schmittnormalized_standard-SingleORAL_C13_-4Comp_standard_schmittnormalized_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C13|Plasma (Peripheral Venous Blood)
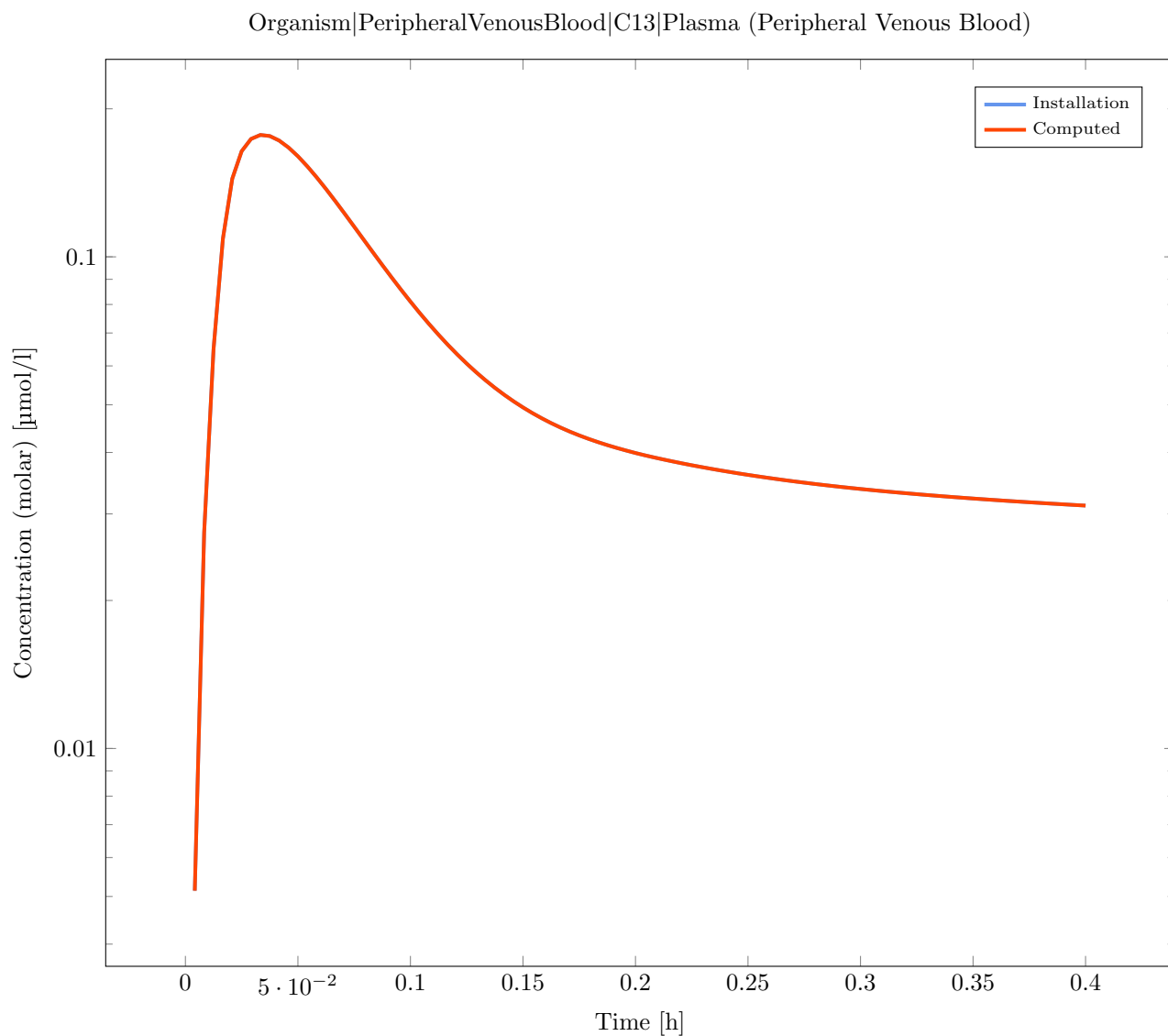Deviation: 0

Organism|PeripheralVenousBlood|C13|Plasma (Peripheral Venous Blood)

Figure 1.222

Simulation: SingleORAL_C14_2Pores_PT_standard_standard-SingleORAL_C14_2Pores_PT_standard_-standard

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C14|Plasma (Peripheral Venous Blood)

Deviation: 0

Organism|PeripheralVenousBlood|C14|Plasma (Peripheral Venous Blood)

Figure 1.223

Simulation: SingleORAL_C2_2Pores_standard_standard_standard-SingleORAL_C2_2Pores_standard_-standard_standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)
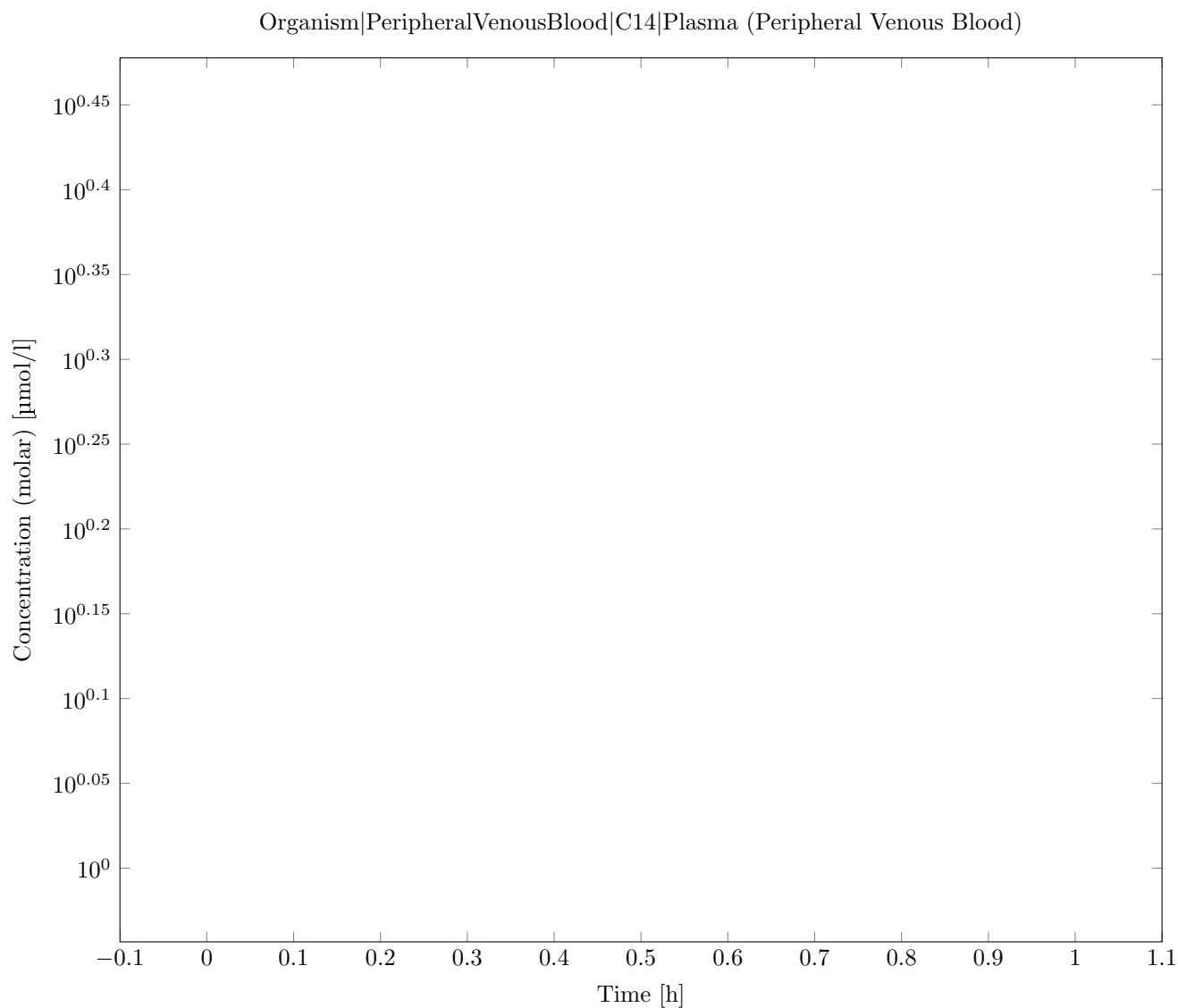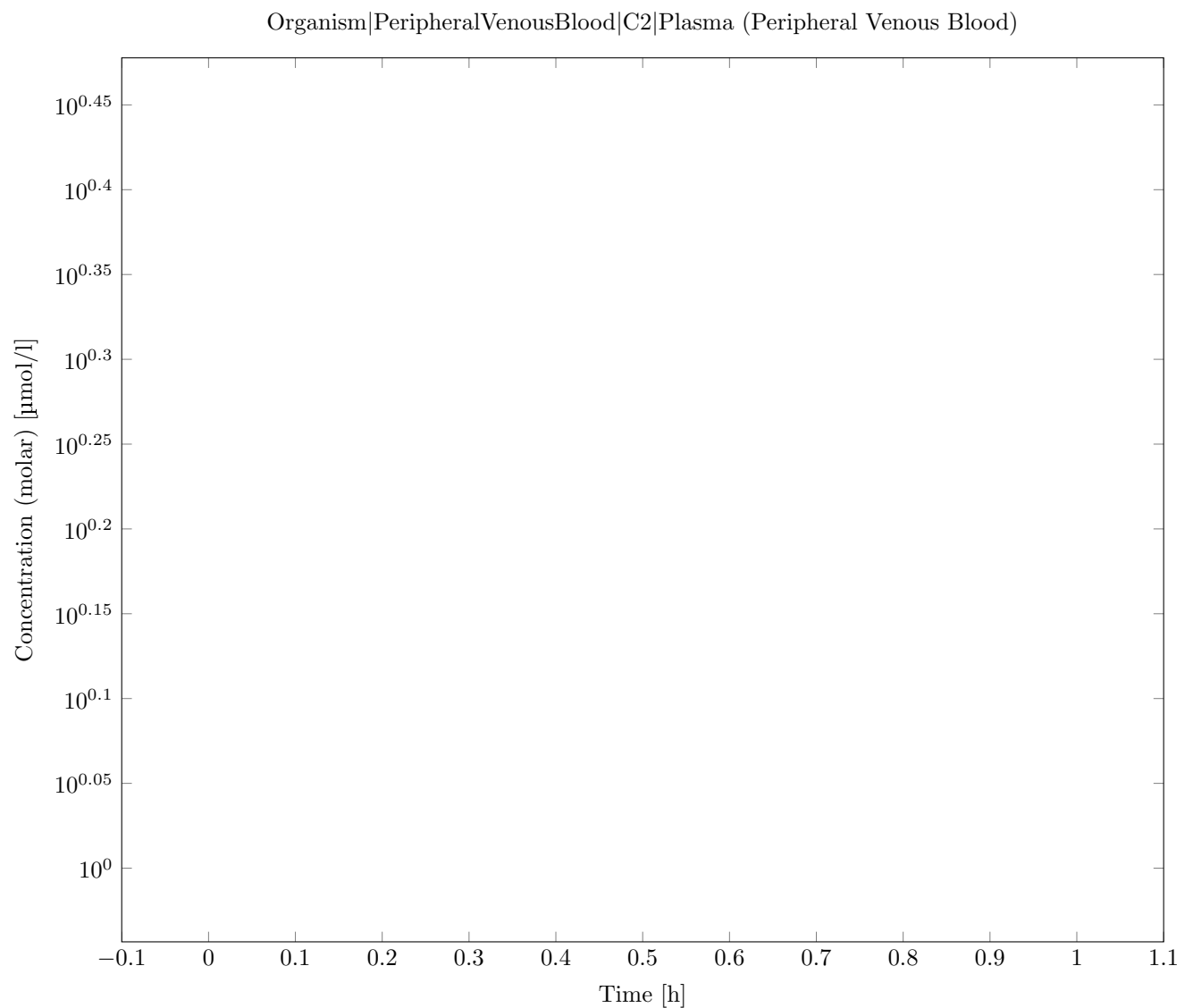Deviation: 0

Organism|PeripheralVenousBlood|C2|Plasma (Peripheral Venous Blood)

Figure 1.224

**Simulation: SingleORAL_C3_2Pores_standard_schmitt_standard-SingleORAL_C3_2Pores_standard_-
schmitt_standard**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)
Deviation: 0

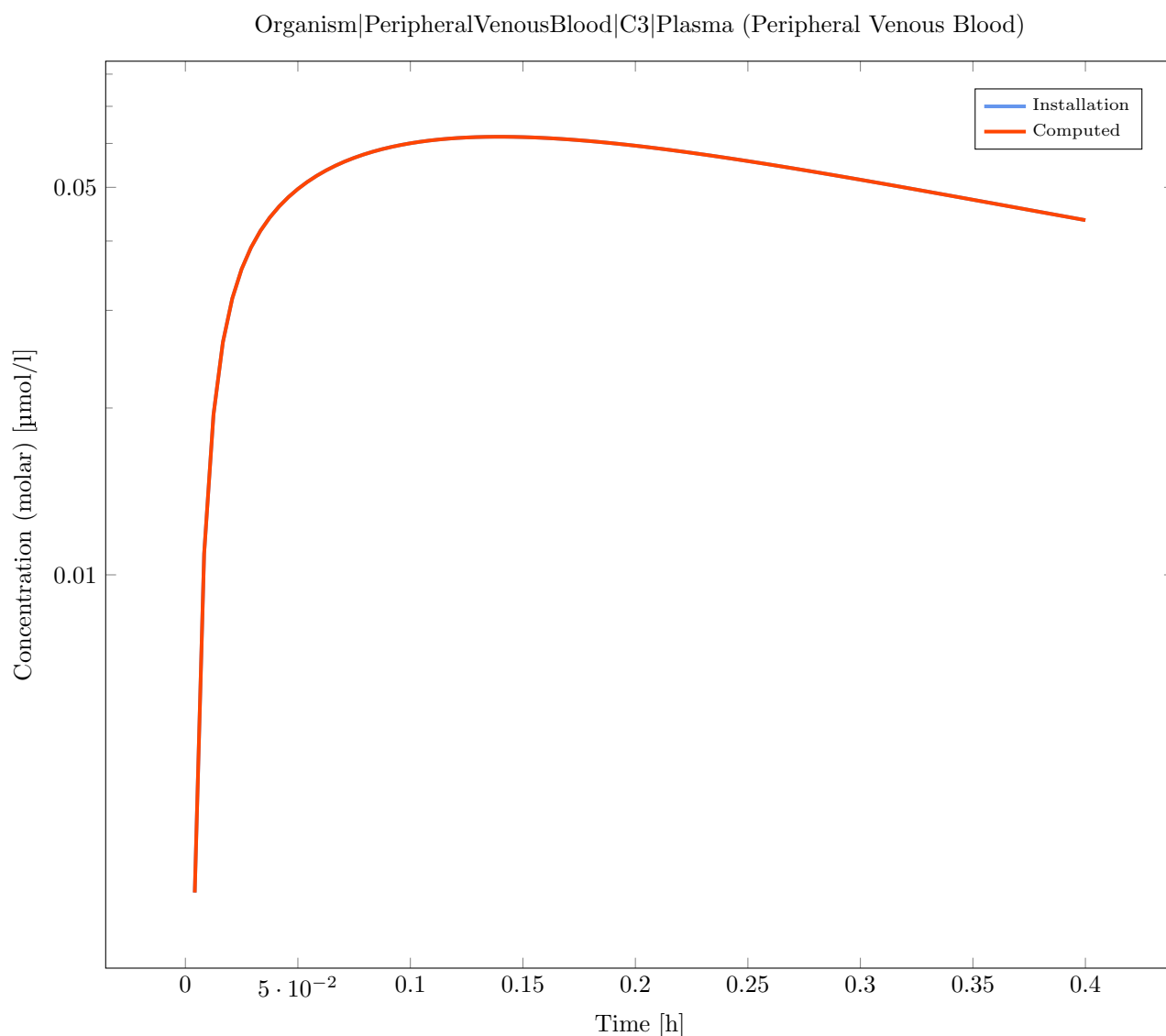Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)

Figure 1.225

**Simulation: SingleORAL_C4_2Pores_standard_schmittnormalized_standard-SingleORAL_C4_2Pores_-
standard_schmittnormalized_standard**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C4|Plasma (Peripheral Venous Blood)
Deviation: 0

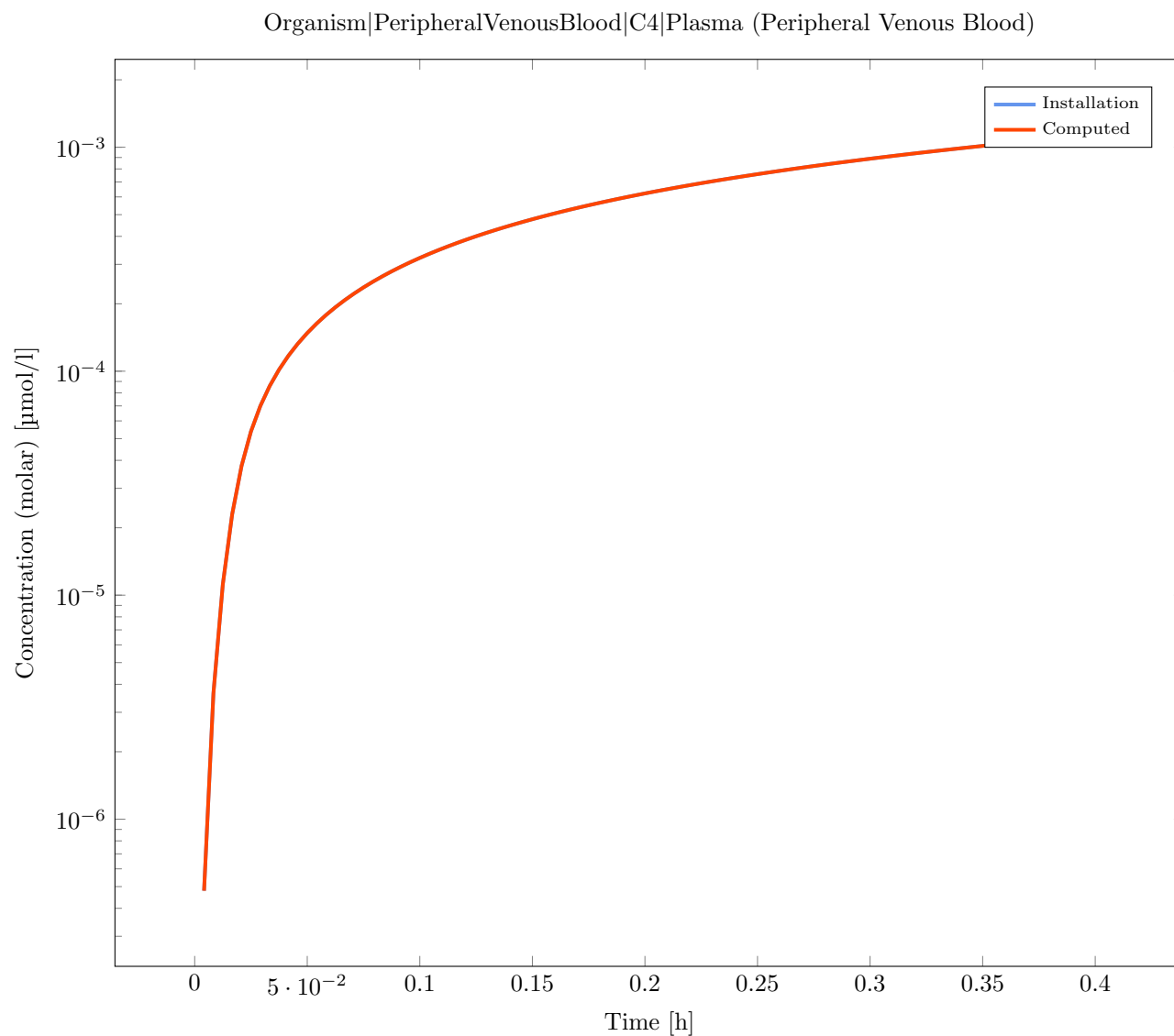Organism|PeripheralVenousBlood|C4|Plasma (Peripheral Venous Blood)

Figure 1.226

Simulation: SingleORAL_C6_4Comp_Ber_standard_standard-SingleORAL_C6_4Comp_Ber_standard_-standard
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C6|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C6|Plasma (Peripheral Venous Blood)

Figure 1.227

Simulation: SingleORAL_C6_4Comp_RR_standard_standard-SingleORAL_C6_4Comp_RR_standard_-standard

Result of the validation: Valid

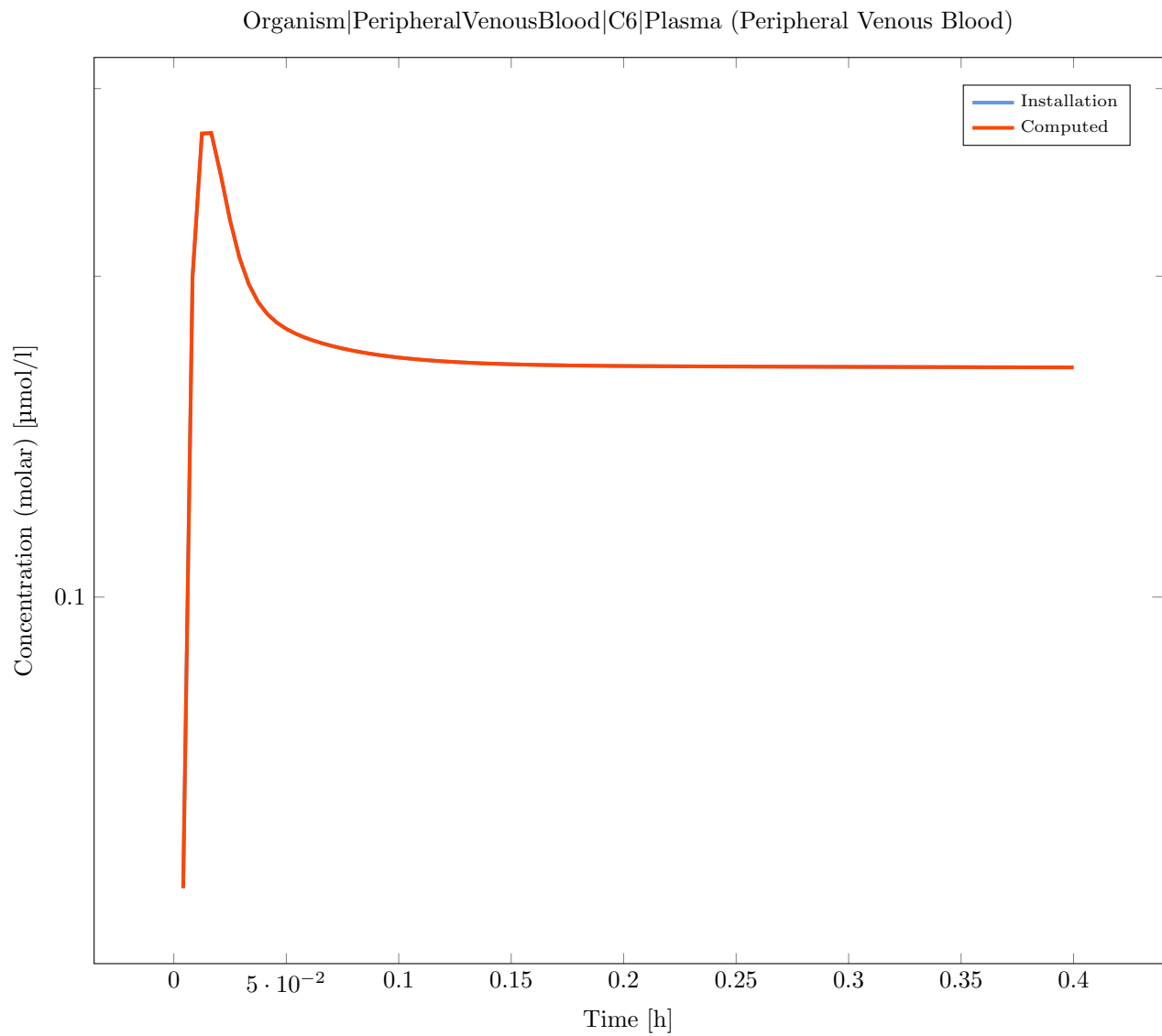**Output Path: Organism|PeripheralVenousBlood|C6|Plasma (Peripheral Venous Blood)**

Deviation: 0

Organism|PeripheralVenousBlood|C6|Plasma (Peripheral Venous Blood)

Figure 1.228

Simulation: SingleORAL_C7_2Pores_Ber_standard_standard-SingleORAL_C7_2Pores_Ber_standard_-standard

Result of the validation: Valid

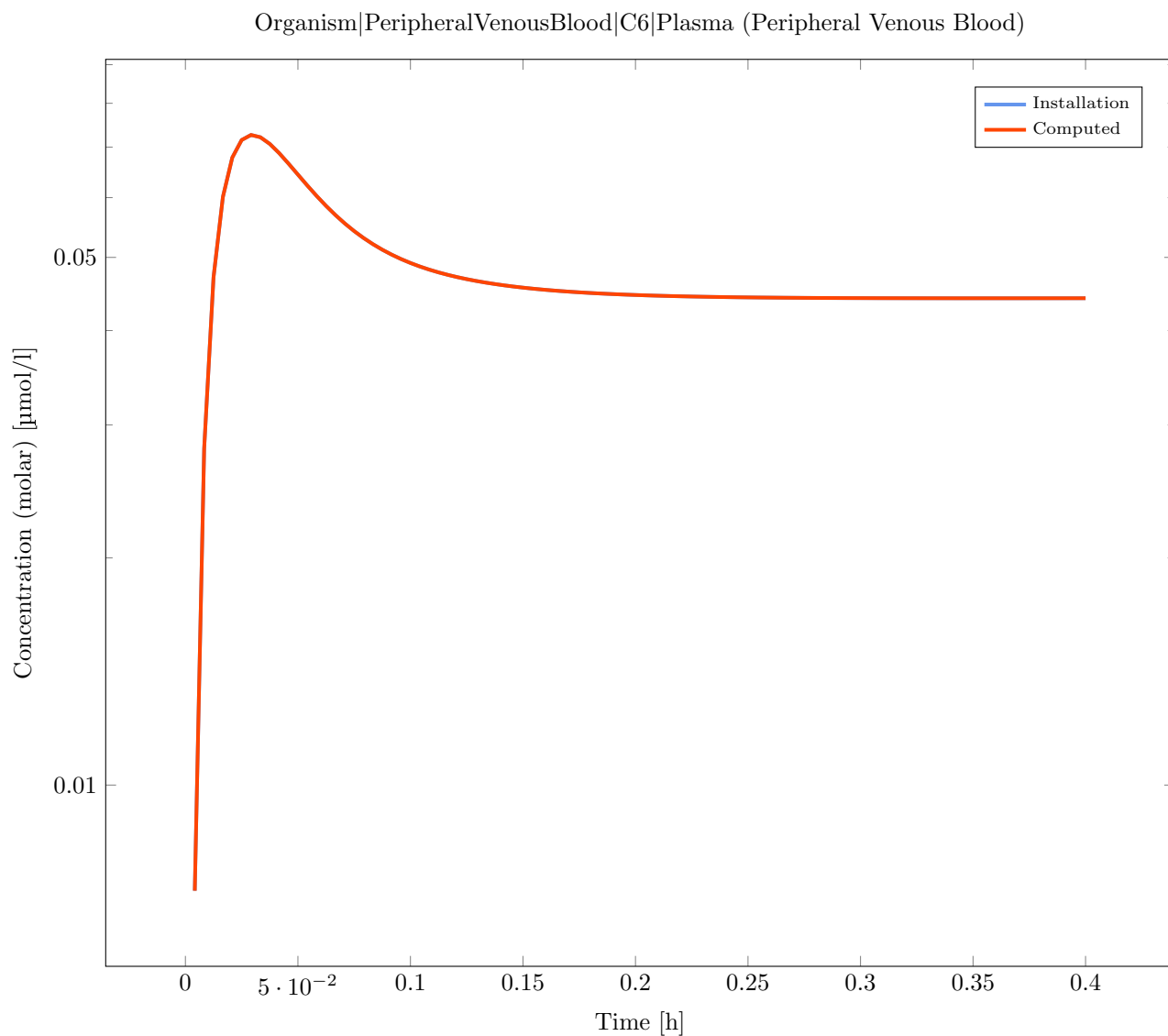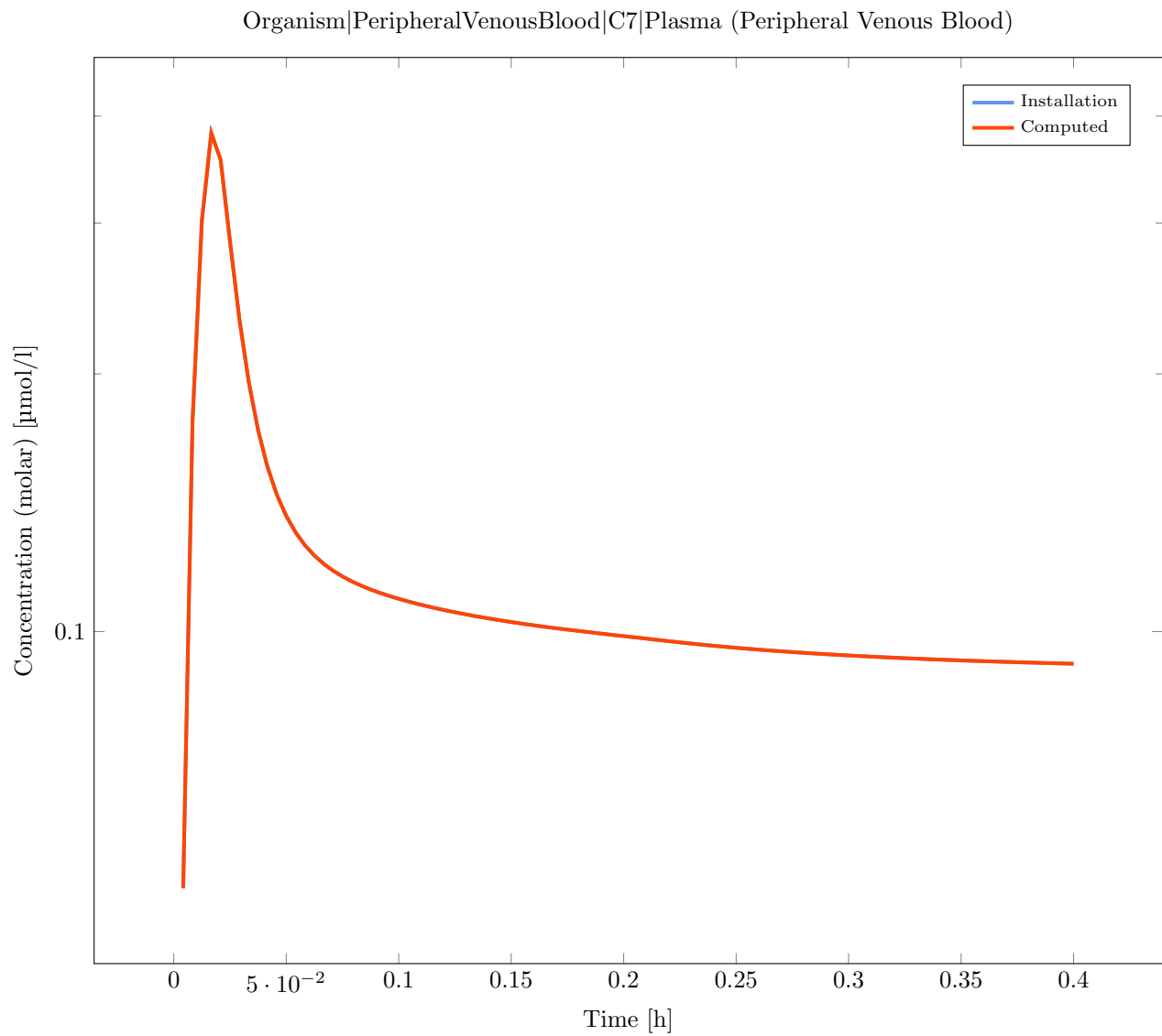**Output Path: Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)**

Deviation: 0

Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)

Figure 1.229

Simulation: SingleORAL_C7_4Comp_RR_schmitt_standard-SingleORAL_C7_4Comp_RR_schmitt_-standard

Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)
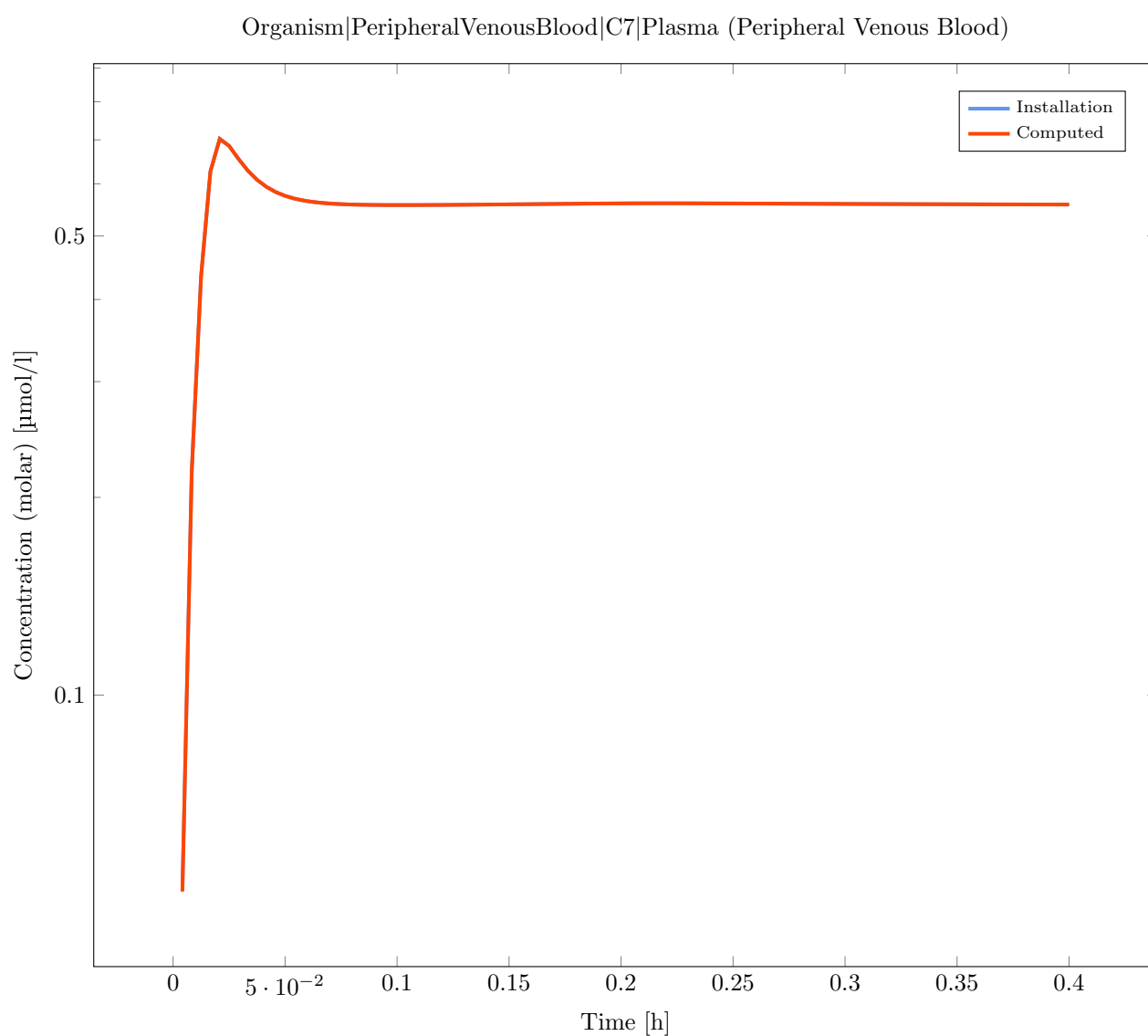Deviation: 0

Organism|PeripheralVenousBlood|C7|Plasma (Peripheral Venous Blood)

Figure 1.230

Simulation: SingleORAL_C8_2Pores_RR_standard_standard-SingleORAL_C8_2Pores_RR_standard_-standard

Result of the validation: Valid

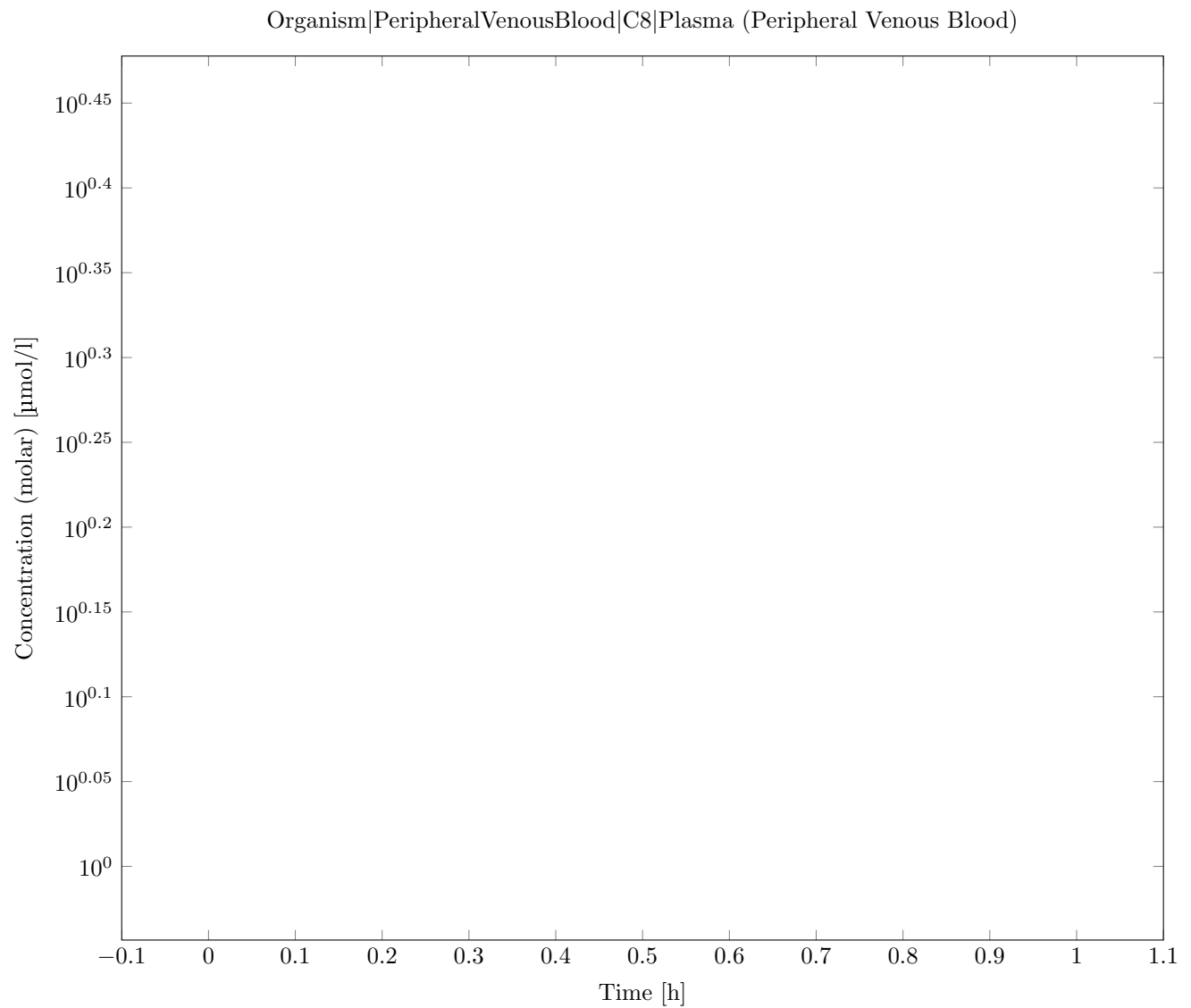**Output Path: Organism|PeripheralVenousBlood|C8|Plasma (Peripheral Venous Blood)**
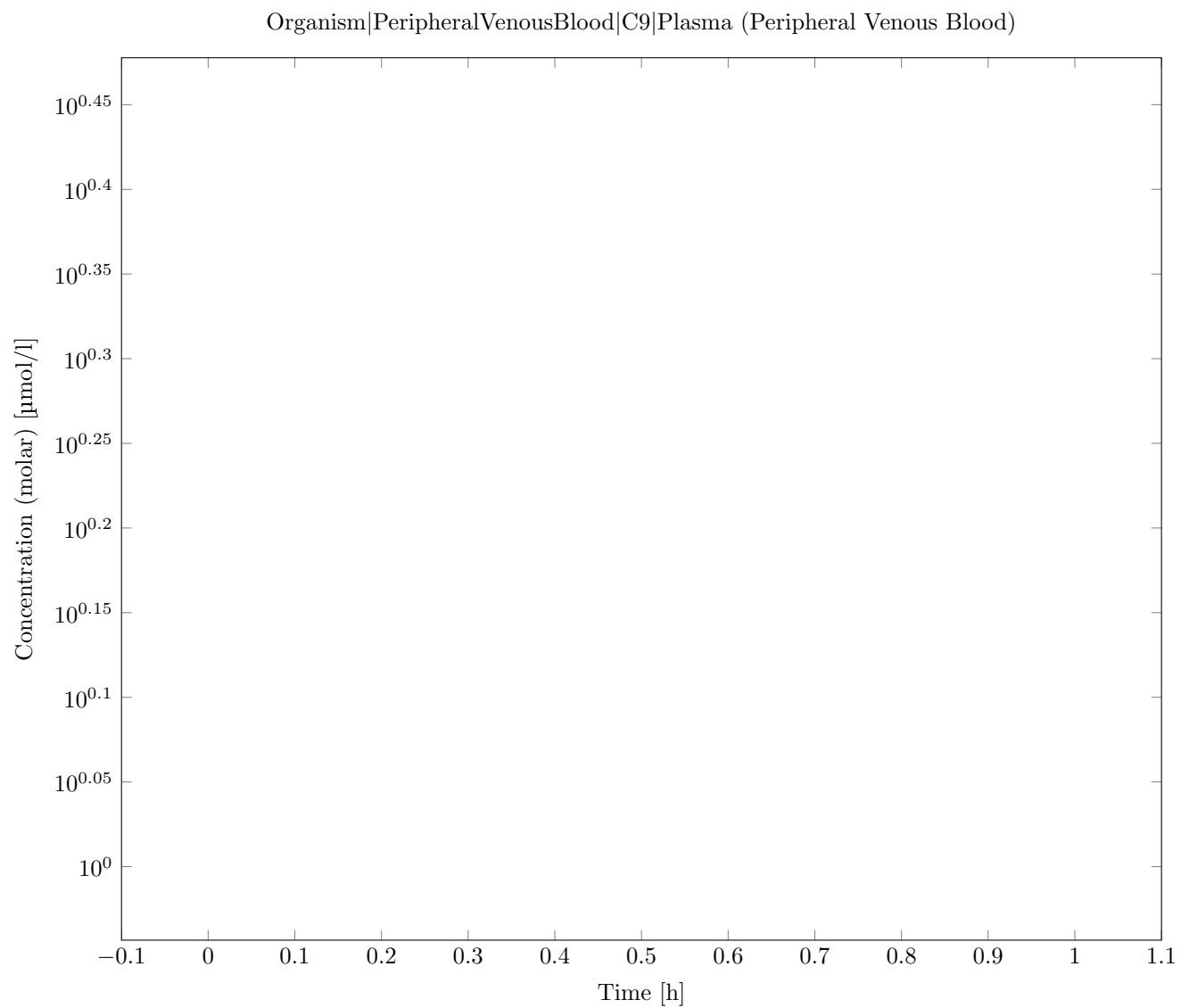
Deviation: 0

Organism|PeripheralVenousBlood|C8|Plasma (Peripheral Venous Blood)

Figure 1.231

**Simulation: SingleORAL_C9_2Pores_RR_schmitt_standard-SingleORAL_C9_2Pores_RR_schmitt_-
standard**
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C9|Plasma (Peripheral Venous Blood)
Deviation: 0

Organism|PeripheralVenousBlood|C9|Plasma (Peripheral Venous Blood)

Figure 1.232

Simulation: Test 18.1_I1_C1_A1_Config1-Test 18.1_I1_C1_A1_Config1
Result of the validation: Valid

Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)
Deviation: 0

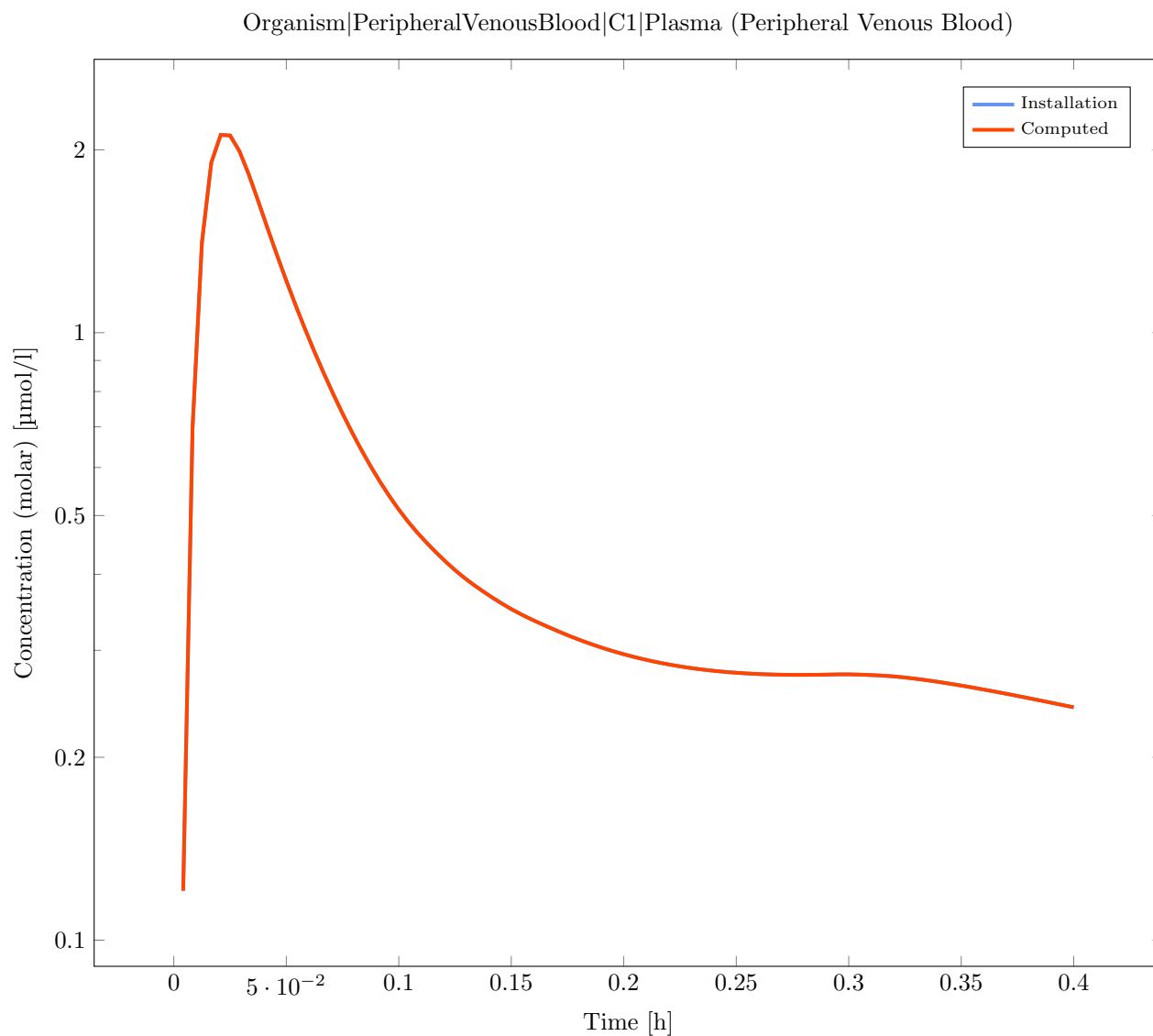Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.233

Simulation: Test 18.1_I2_C1_A1_Config2-Test 18.1_I2_C1_A1_Config2
Result of the validation: Valid

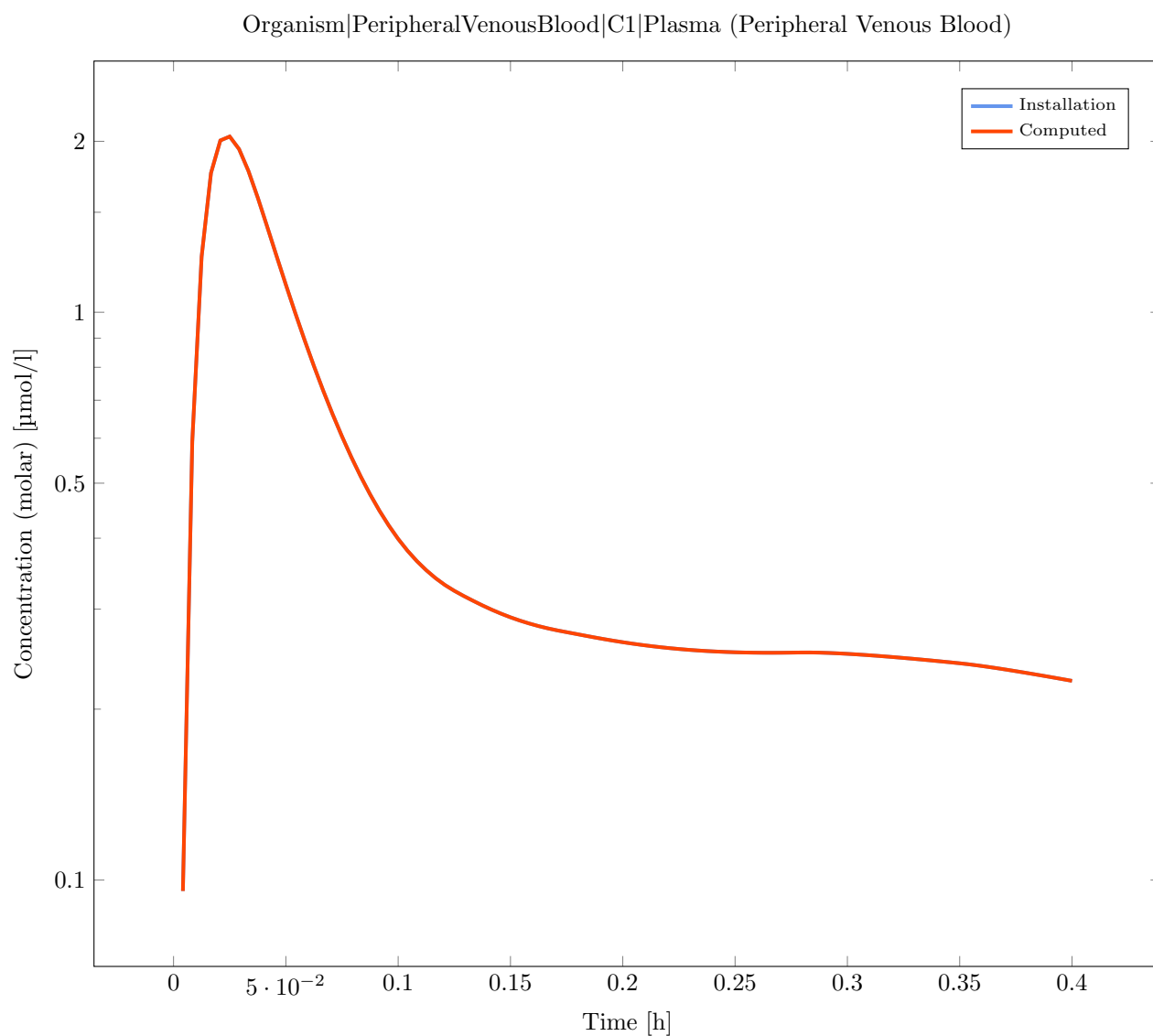**Output Path: Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C1|Plasma (Peripheral Venous Blood)

Figure 1.234

Simulation: Test 18.1_I2_C3_A1_Config2-Test 18.1_I2_C3_A1_Config2
Result of the validation: Valid

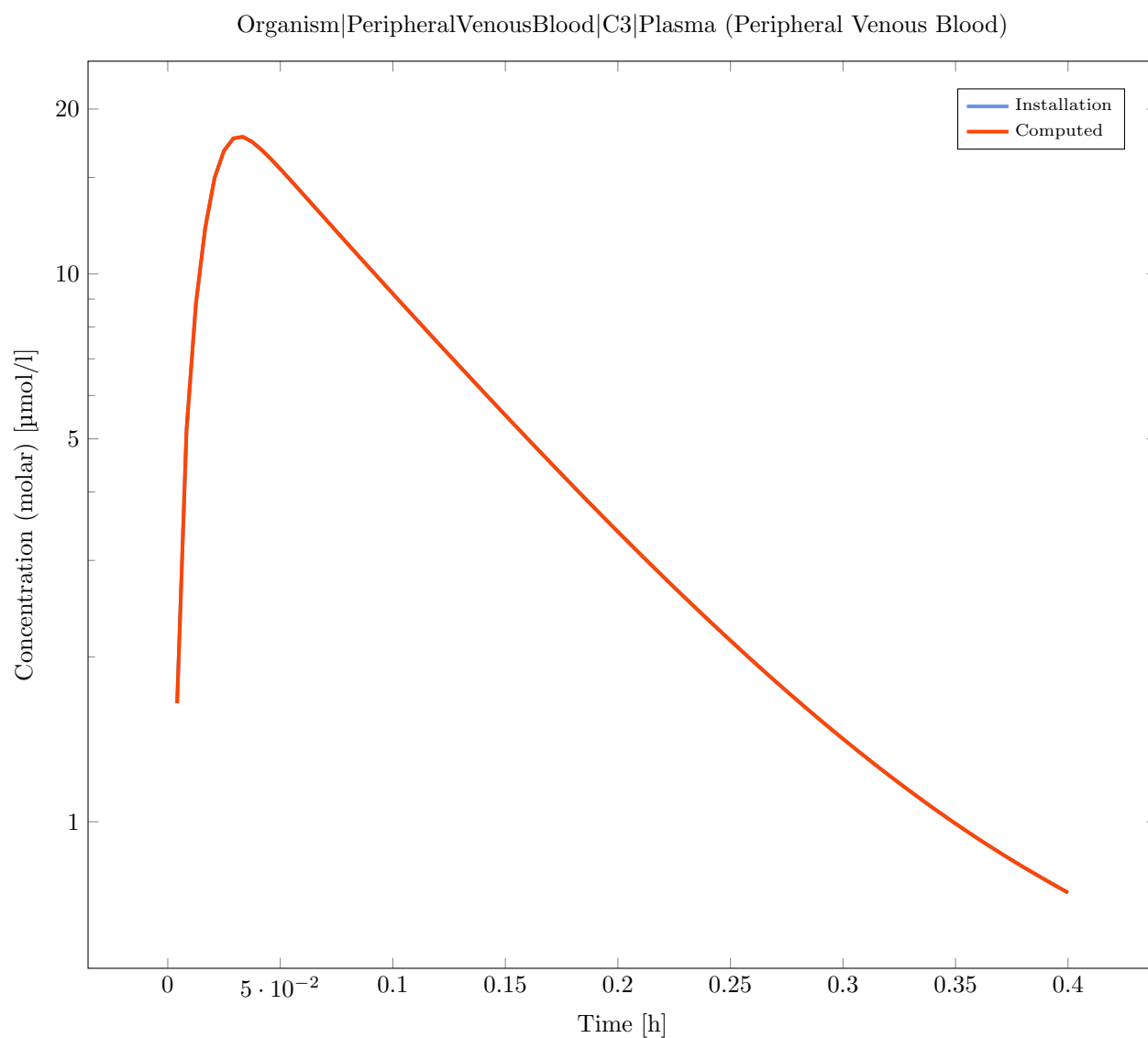**Output Path: Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)

Figure 1.235

Simulation: Test 18.1_I3_C3_A3_Config2-Test 18.1_I3_C3_A3_Config2
Result of the validation: Valid

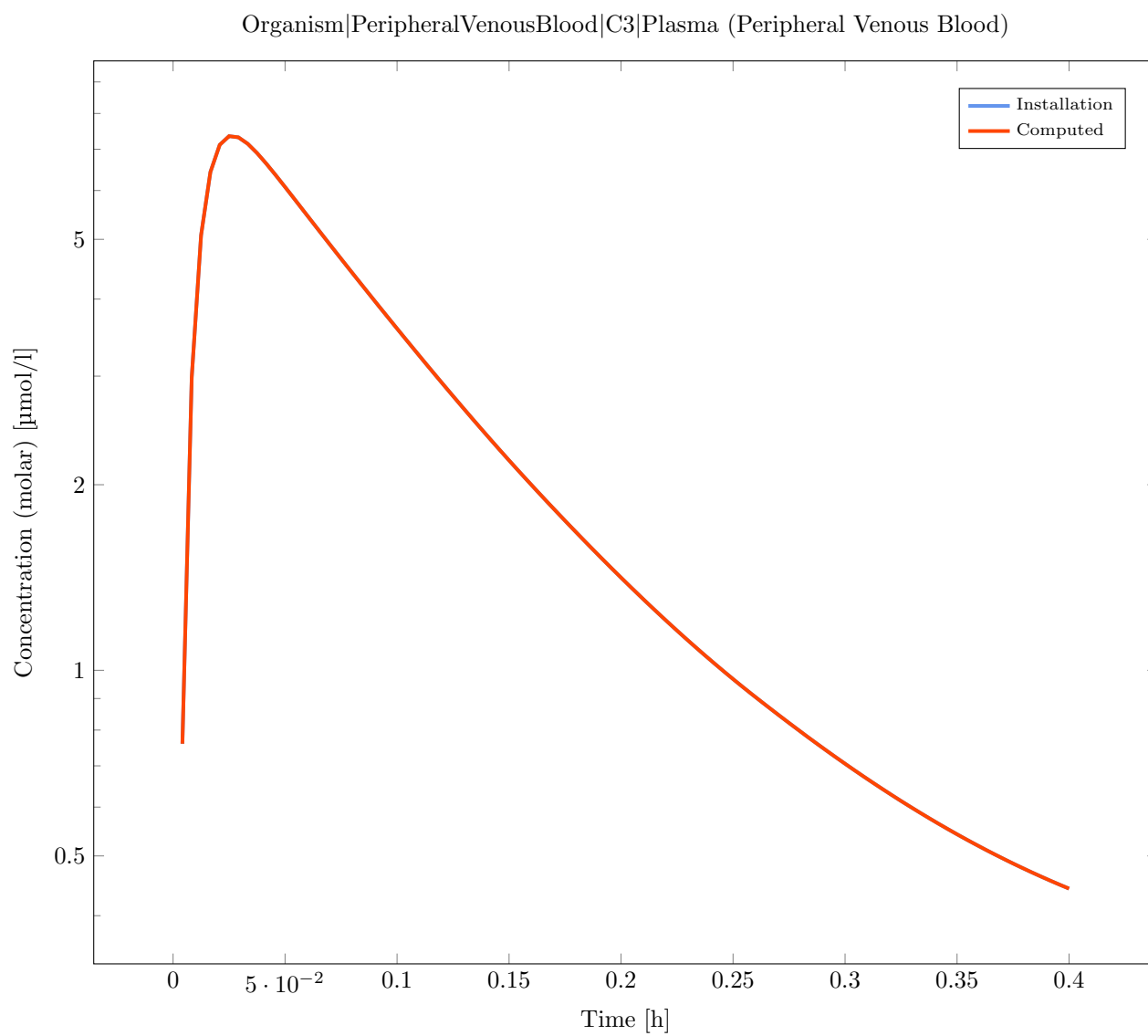**Output Path: Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)**
Deviation: 0

Organism|PeripheralVenousBlood|C3|Plasma (Peripheral Venous Blood)

Figure 1.236