

# Open Systems Pharmacology Suite - 8 Installation Validation

Admin

June 14, 2019

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# Chapter 1

## Installation Validation Results

### Overall Validation Result

Valid

### 1.1 Validation Summary

#### Run Duration

Start time: 2019-06-14 04:12

End time: 2019-06-14 04:20

Validation performed in 07m:51s:779ms

#### Input Configuration Folder

C:\ProgramData\Open Systems Pharmacology\InstallationValidator\8.0\Inputs\BatchFiles

#### Local Outputs Location

C:\Users\Admin\AppData\Roaming\Open Systems Pharmacology\InstallationValidator\8.0\Outputs

#### Application Versions

PK-Sim Version 8.0.22

MoBi Version 8.0.21

#### Computer Name

DESKTOP-SOR7007

#### Operating System

Windows 10 Enterprise

#### Architecture

x64

#### Running on Virtual Machine

Yes

#### Running on Terminal Session

No

### 1.2 Comparison Results

**Overall Comparison Result**

Valid

**Installation Folder**

C:\ProgramData\Open Systems Pharmacology\InstallationValidator\8.0\Outputs\BatchFiles

**Computed Folder**

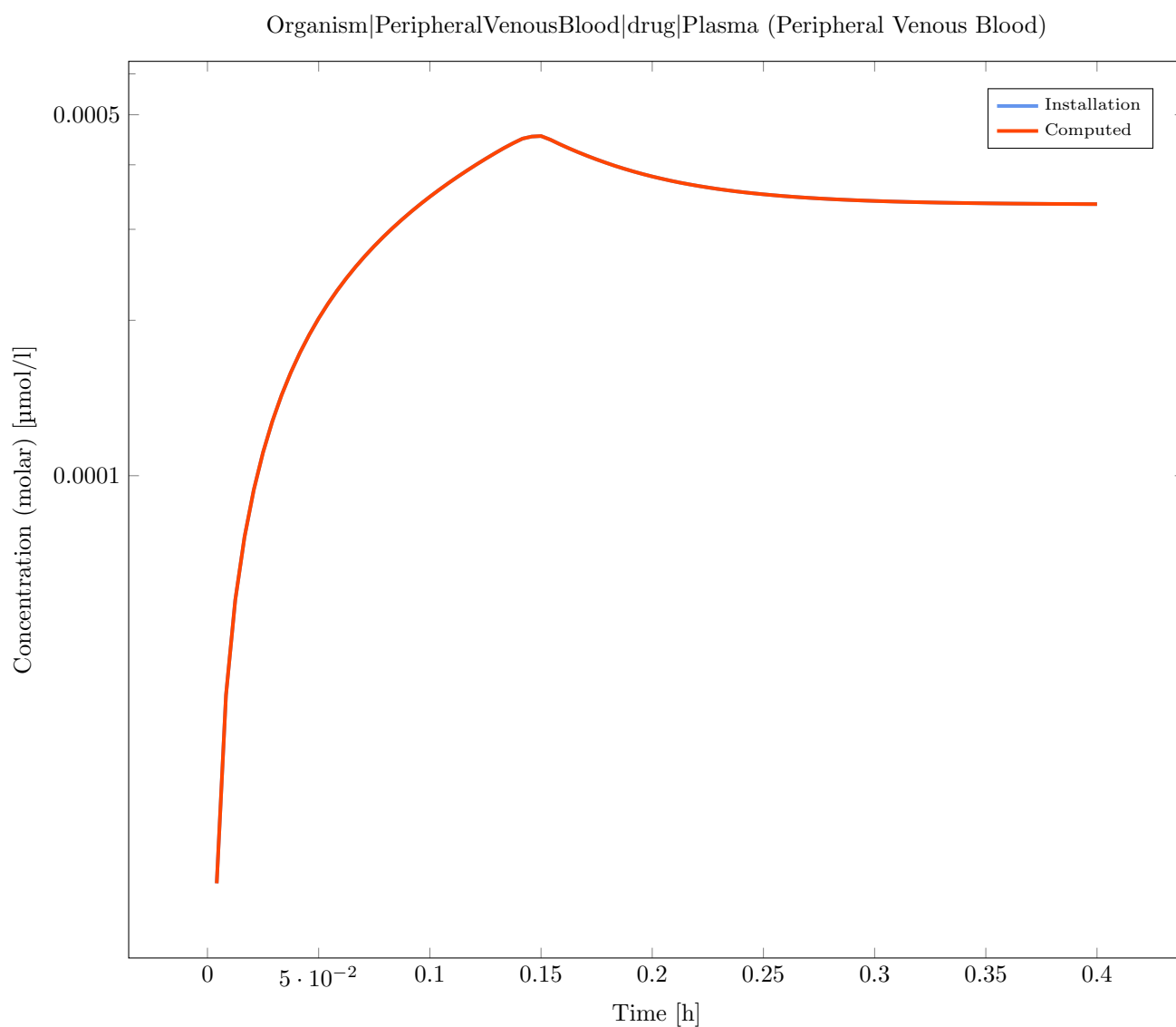
C:\Users\Admin\AppData\Roaming\Open Systems Pharmacology\InstallationValidator\8.0\Outputs

**1.2.1 Valid Simulations (125/125)****Simulation: Beagle\_SingleORAL\_Dissolved-Beagle\_SingleORAL\_Dissolved**

Result of the validation: Valid

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

Deviation: 0

**Figure 1.1**

**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

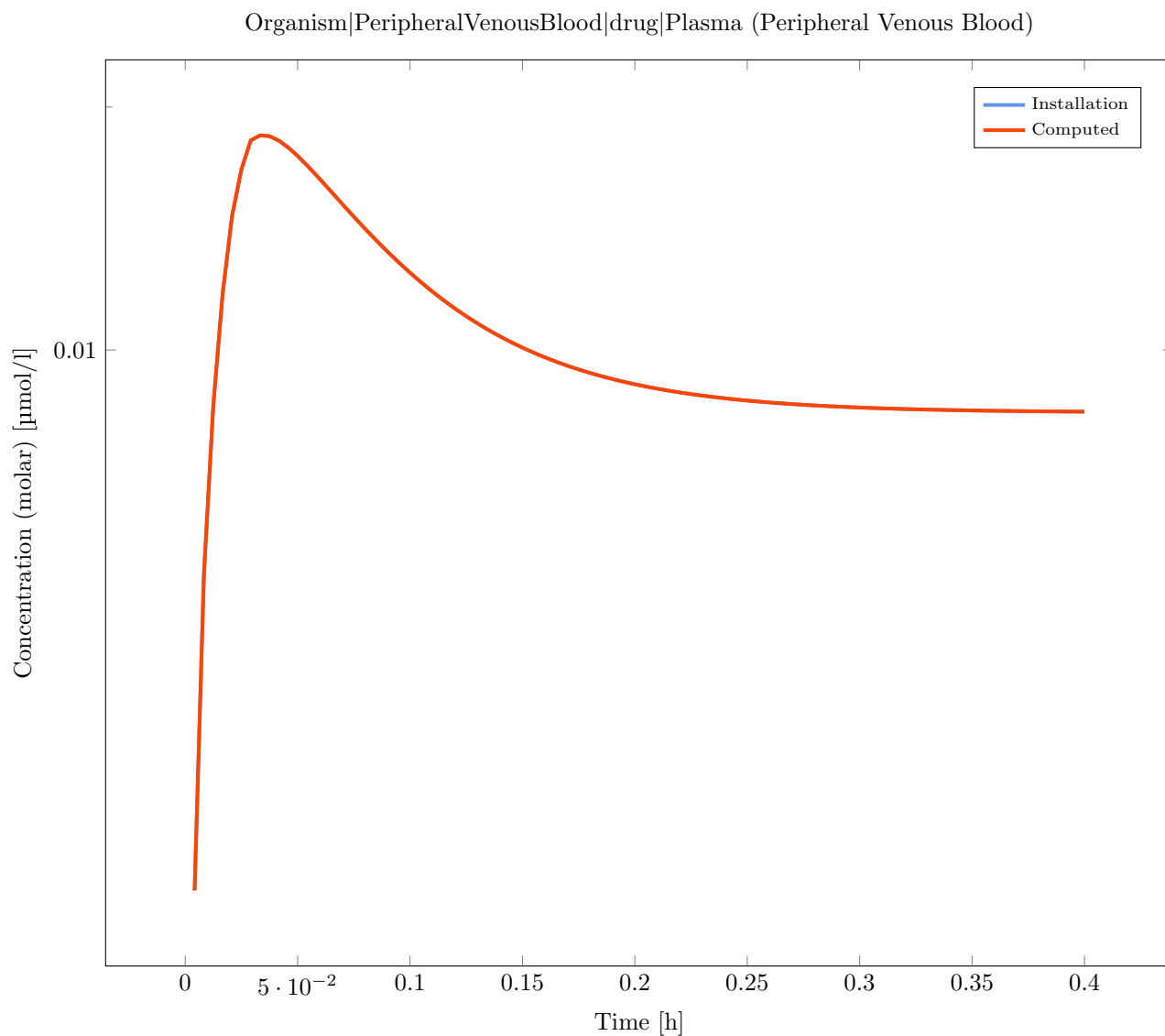


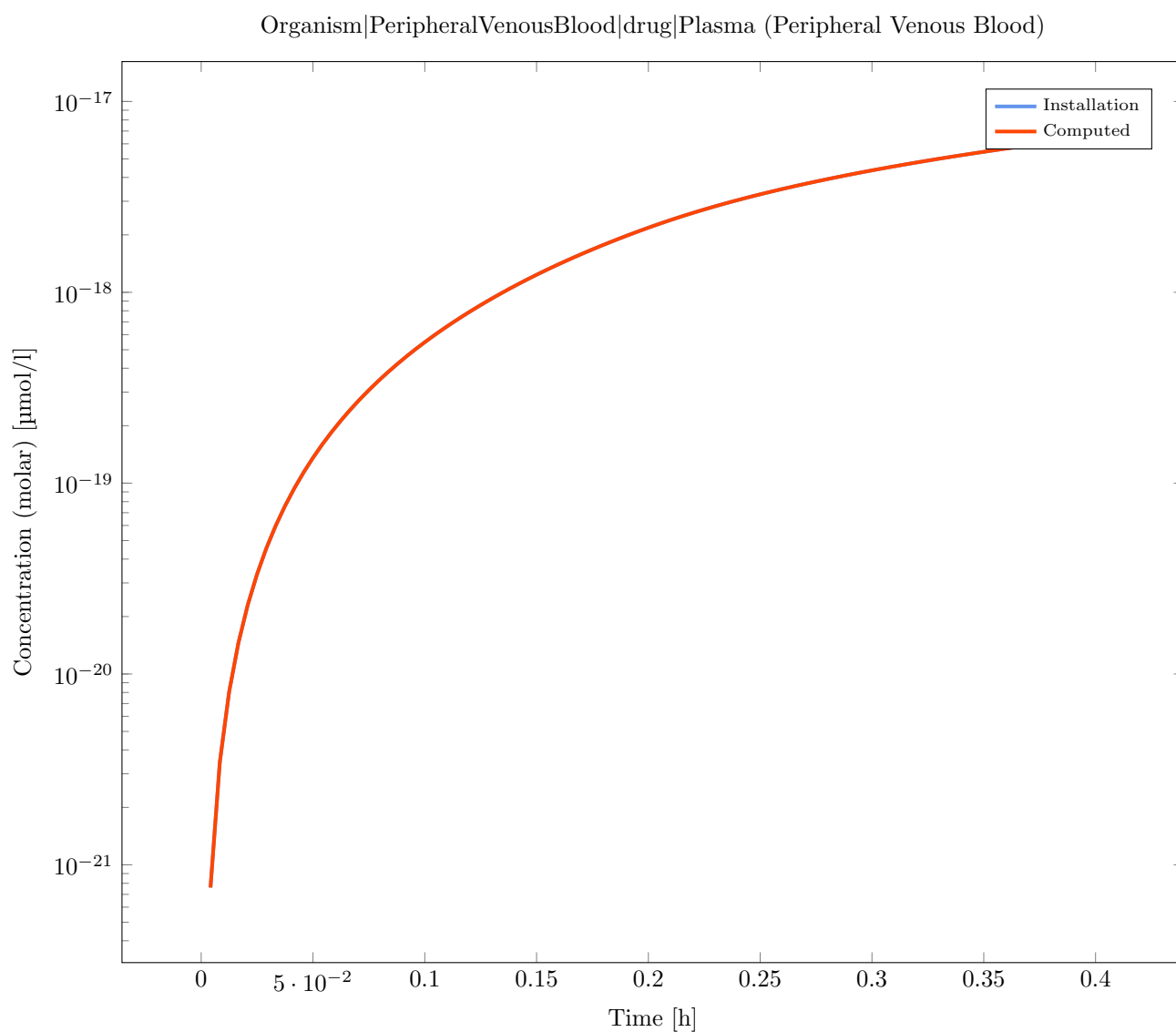
Figure 1.2

**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



**Figure 1.3**

**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

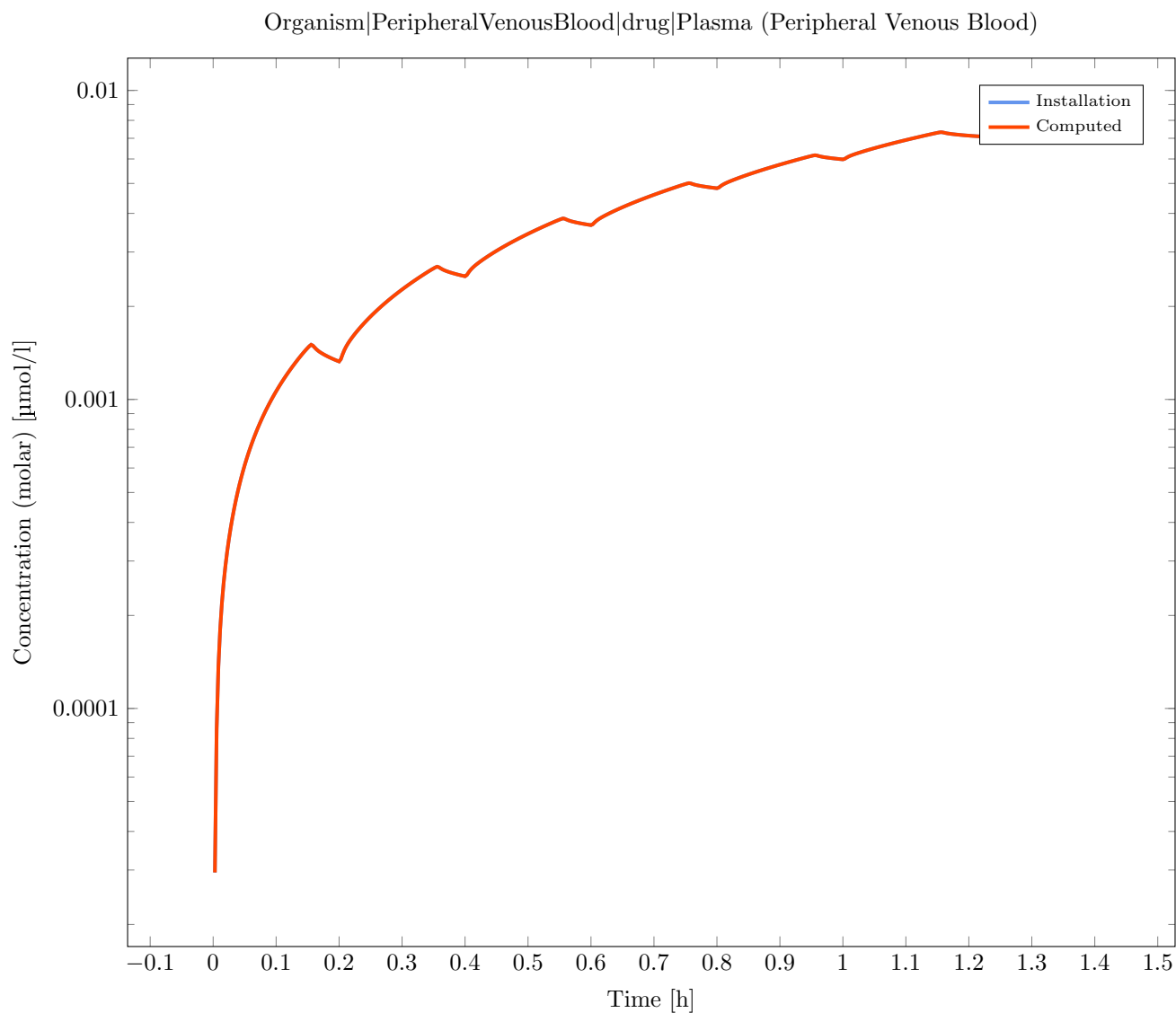


Figure 1.4

**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

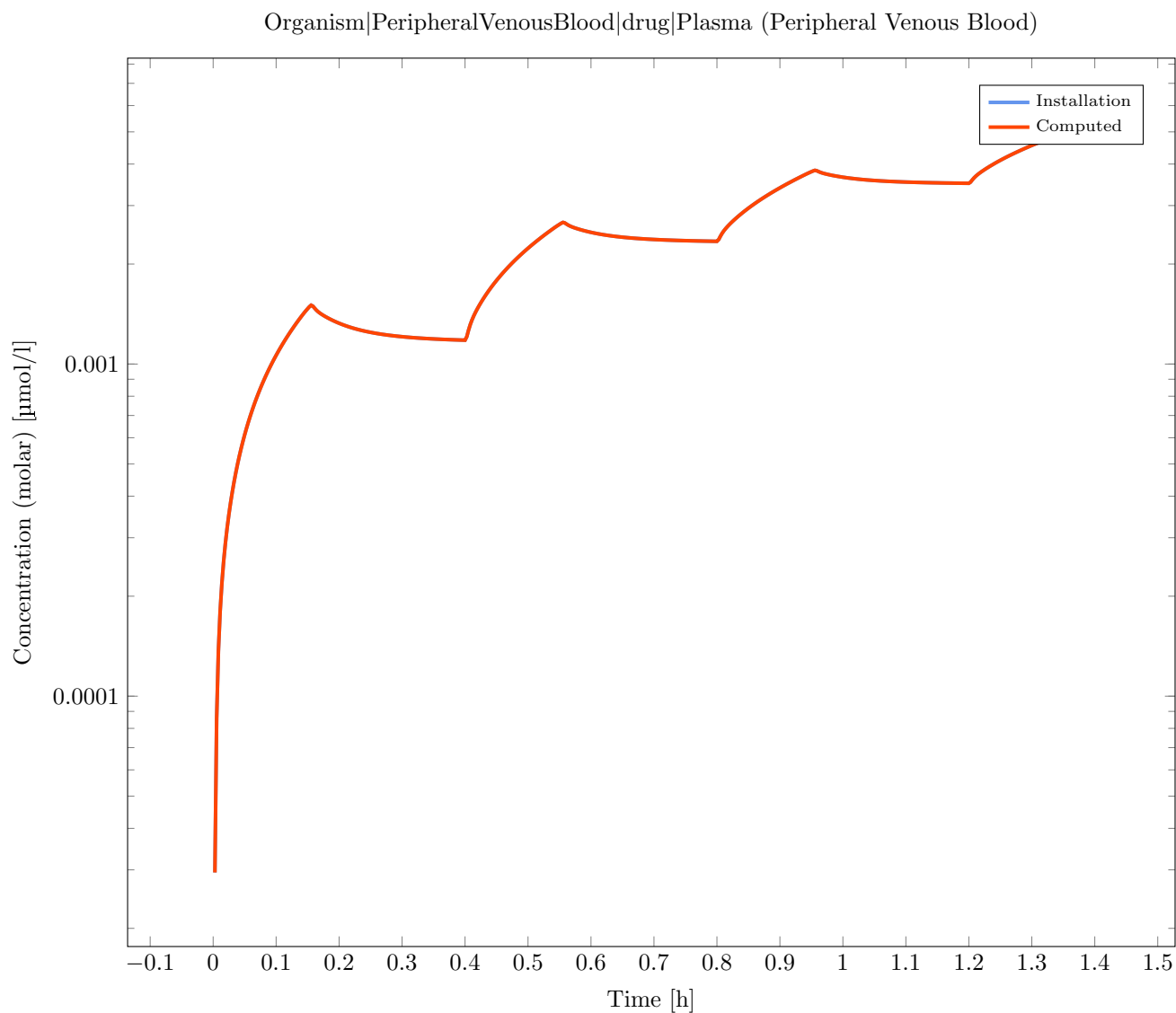


Figure 1.5

**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: 0



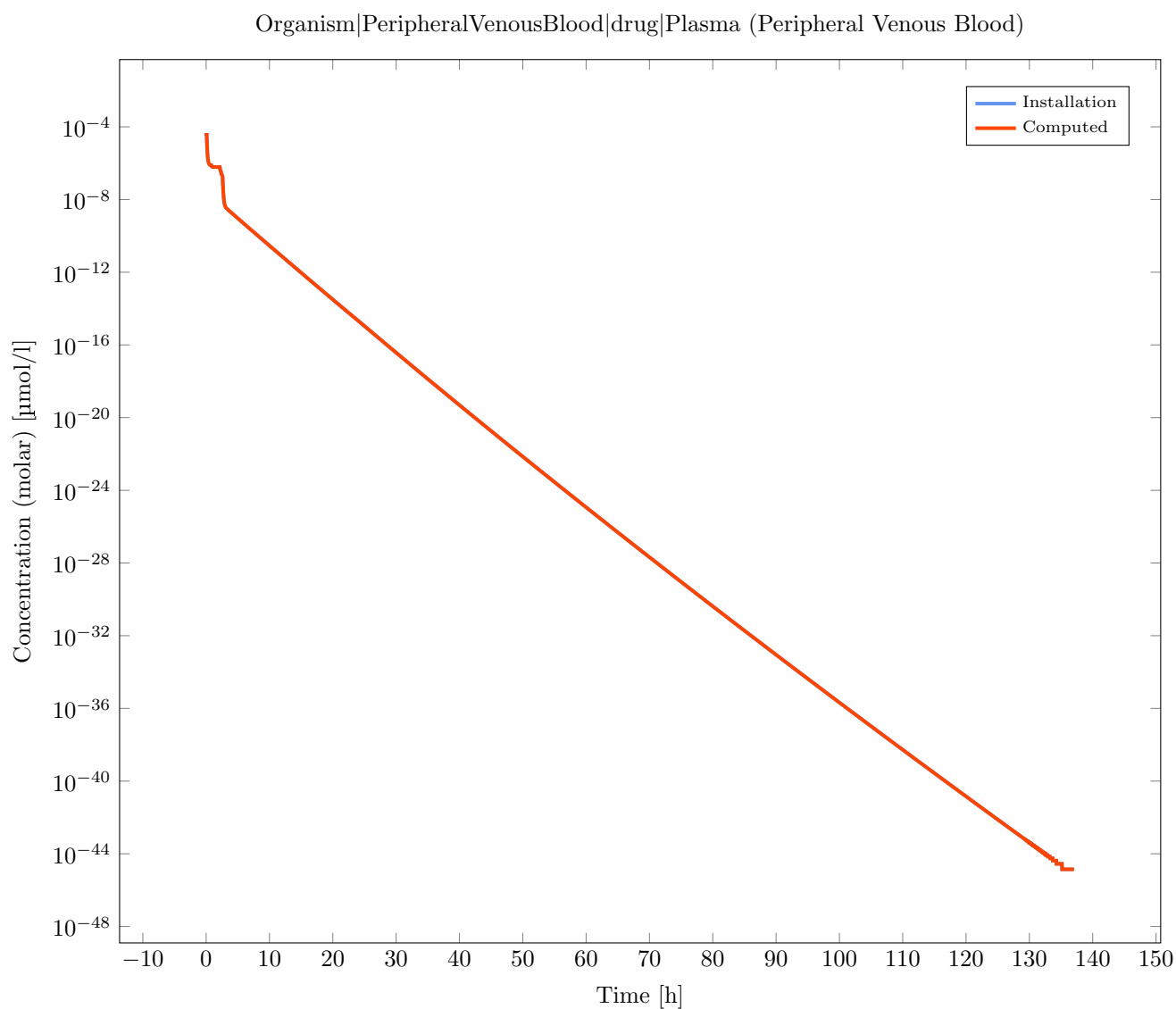


Figure 1.6

**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: 0

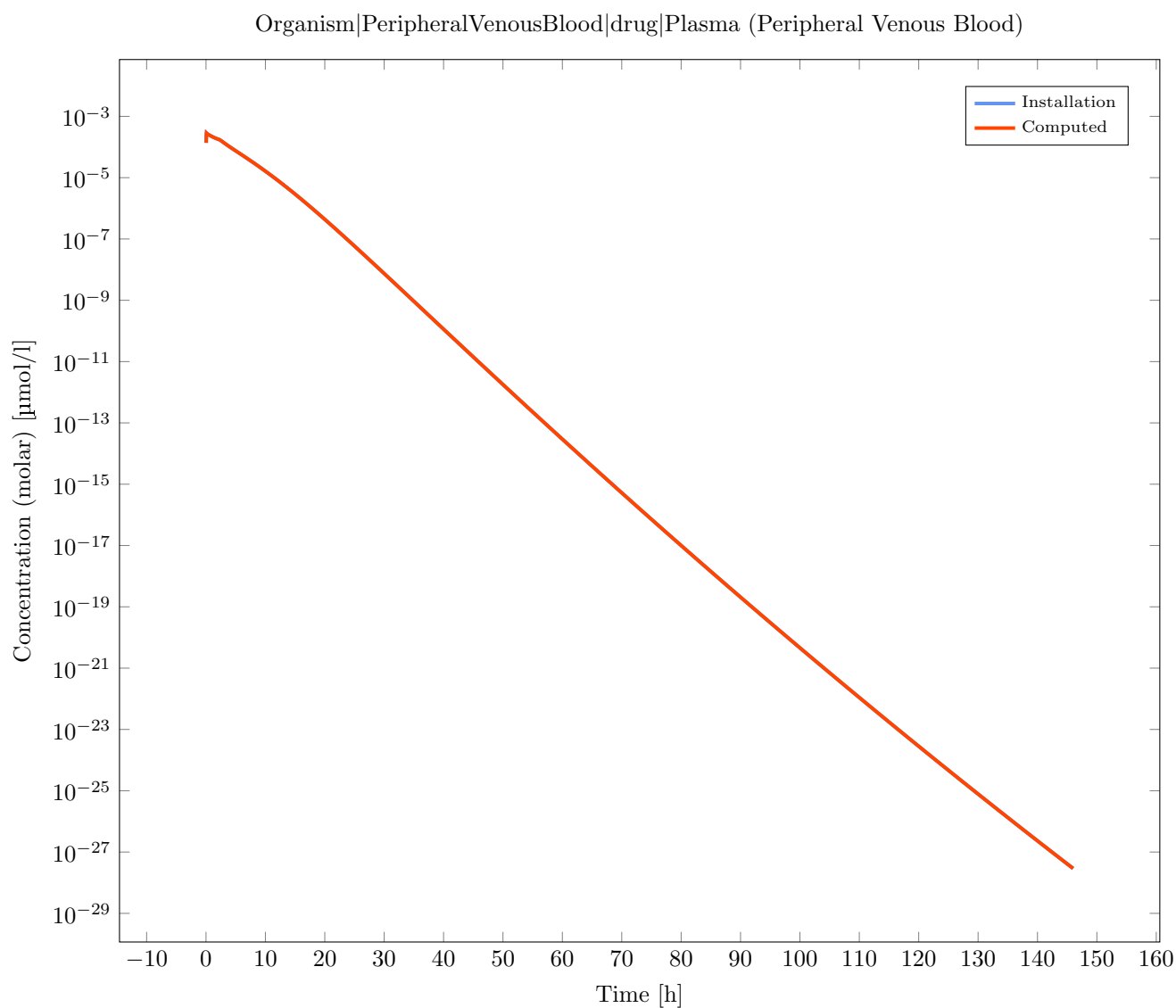


Figure 1.7

**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: 0

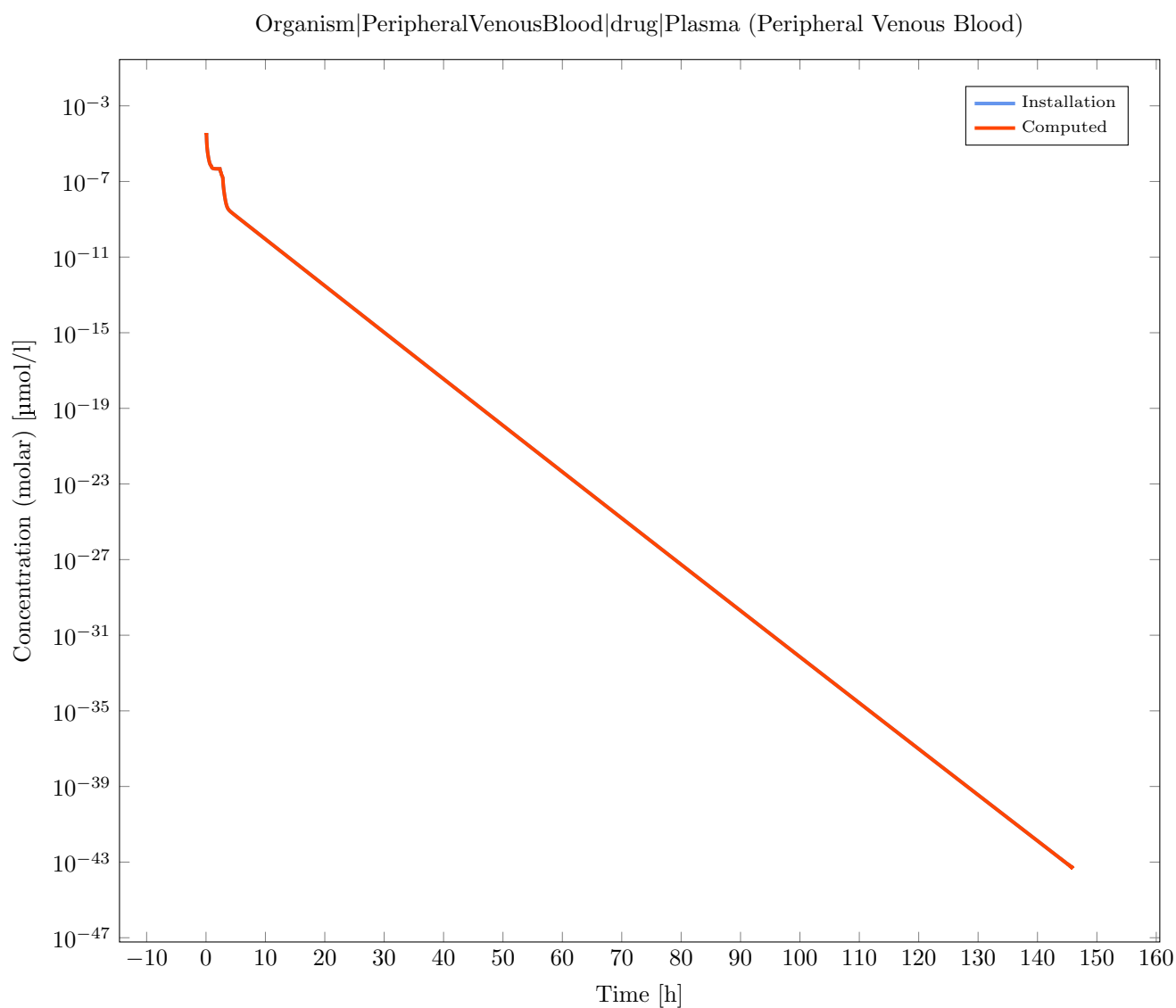


Figure 1.8

**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: 0

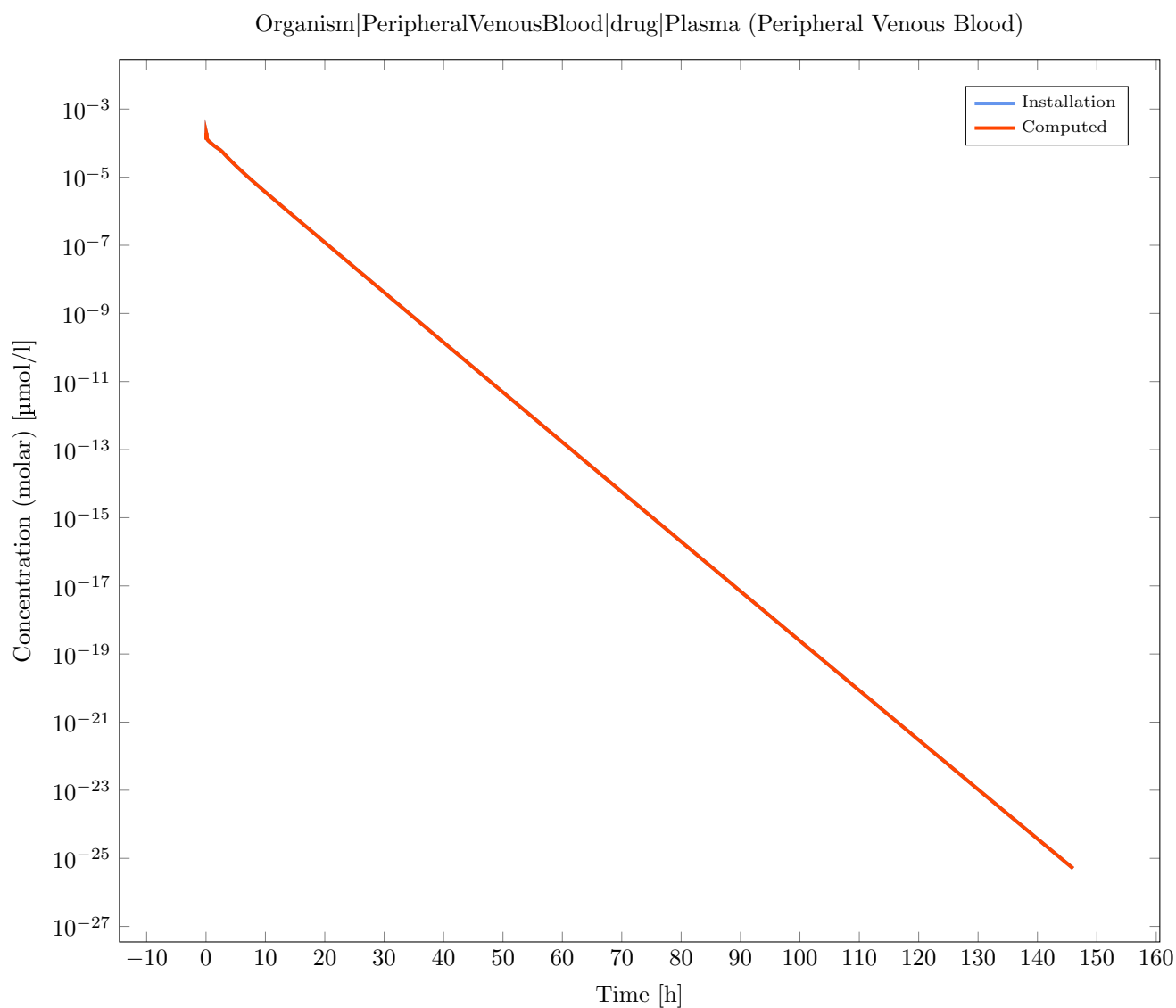


Figure 1.9

**Simulation:** Human\_CompetitiveInhibition-Human\_CompetitiveInhibition

Result of the validation: Valid

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

Deviation: 0

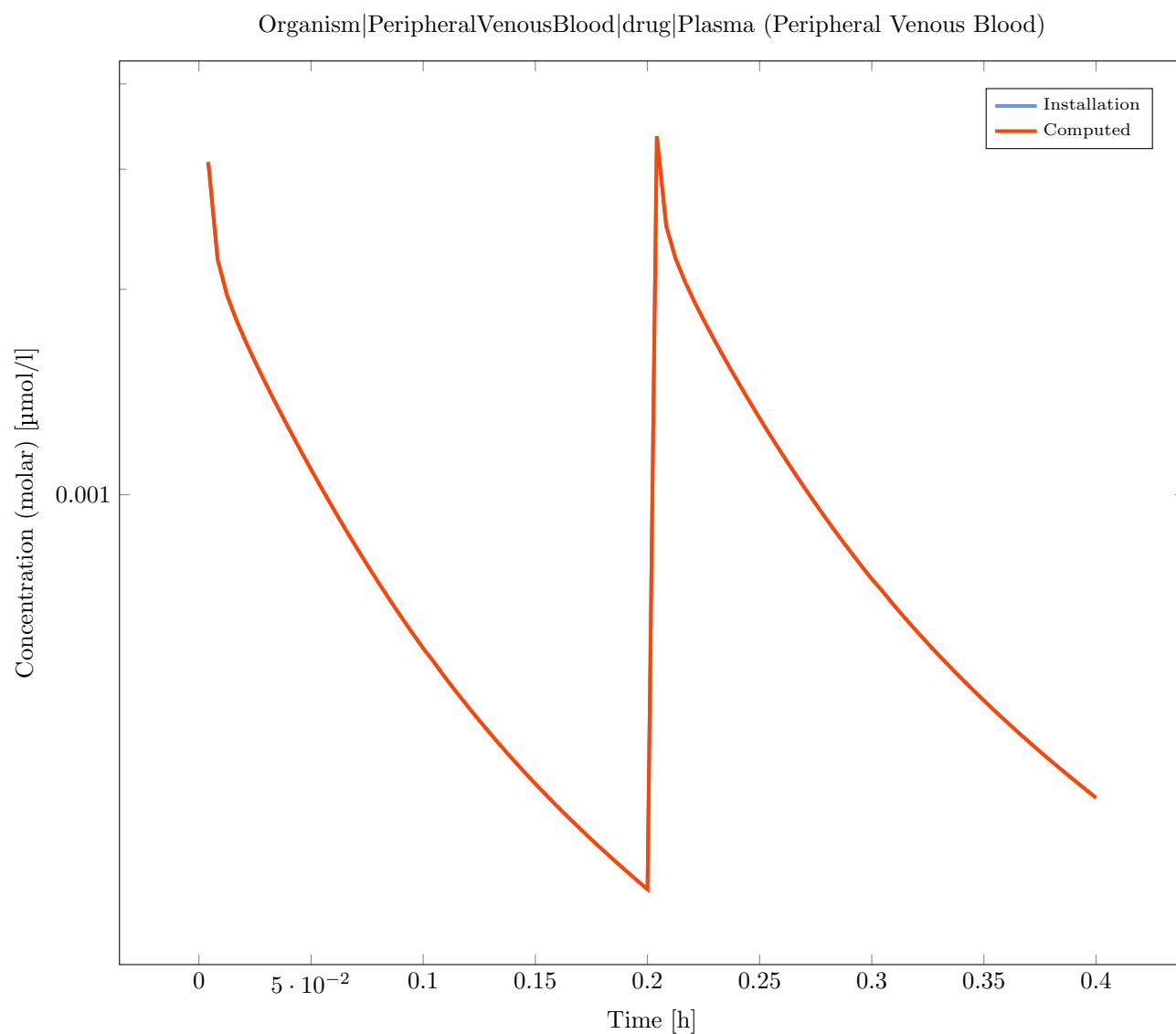


Figure 1.10

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

Deviation: 0

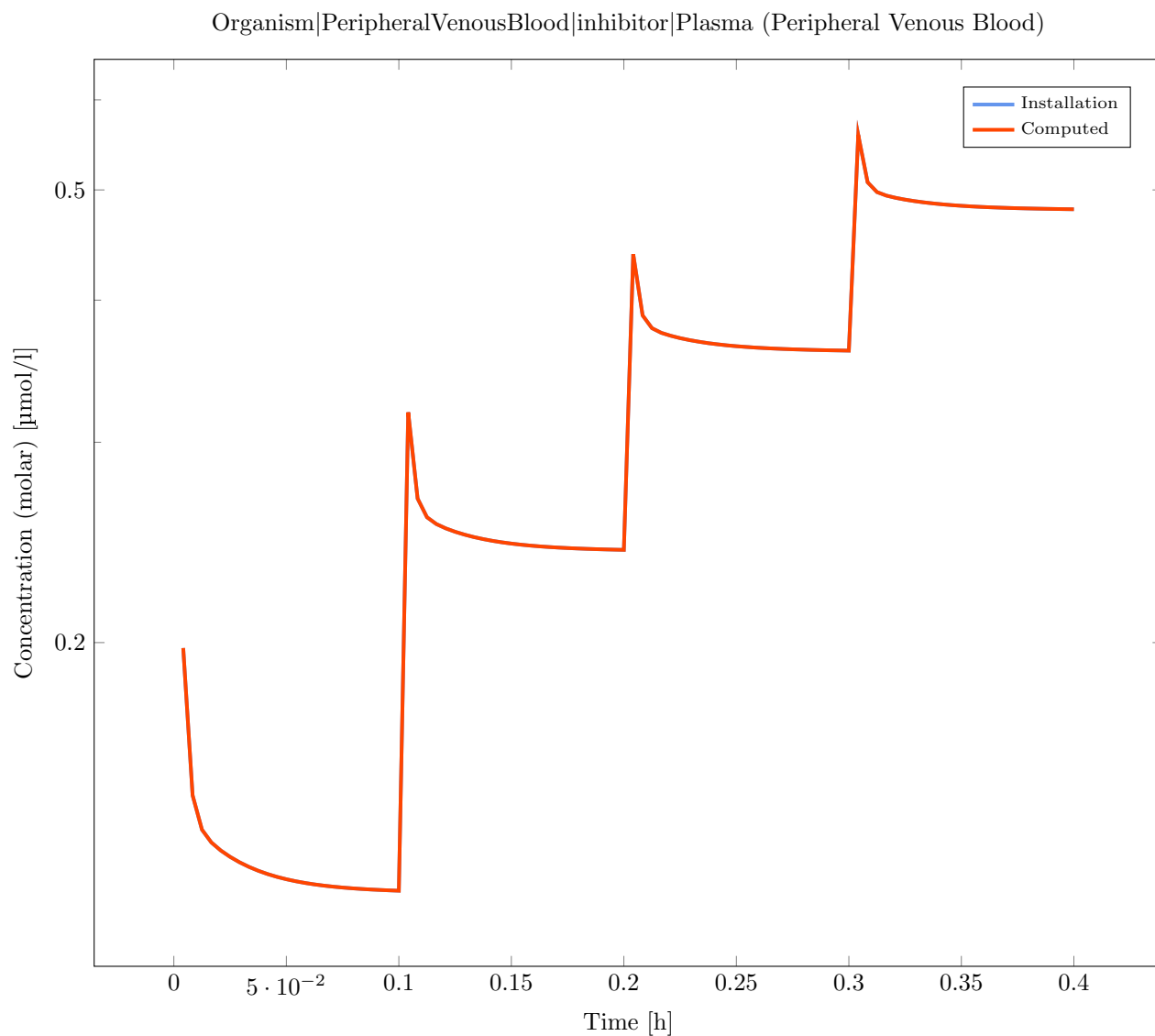


Figure 1.11

**Simulation:** Human\_ICRP\_AGP-01\_ICRP\_0y\_Male

Result of the validation: Valid

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

Deviation: 0

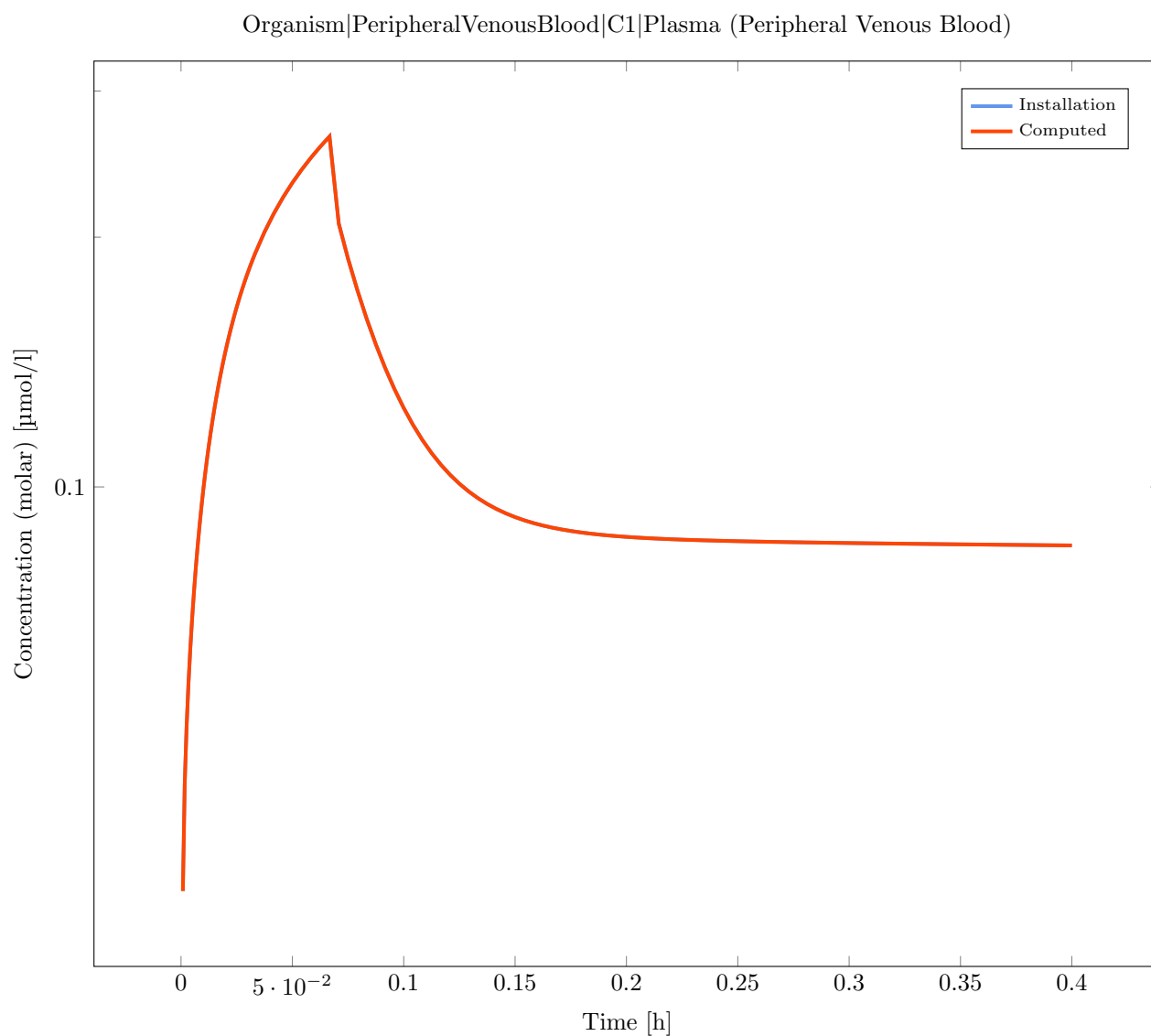


Figure 1.12

**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

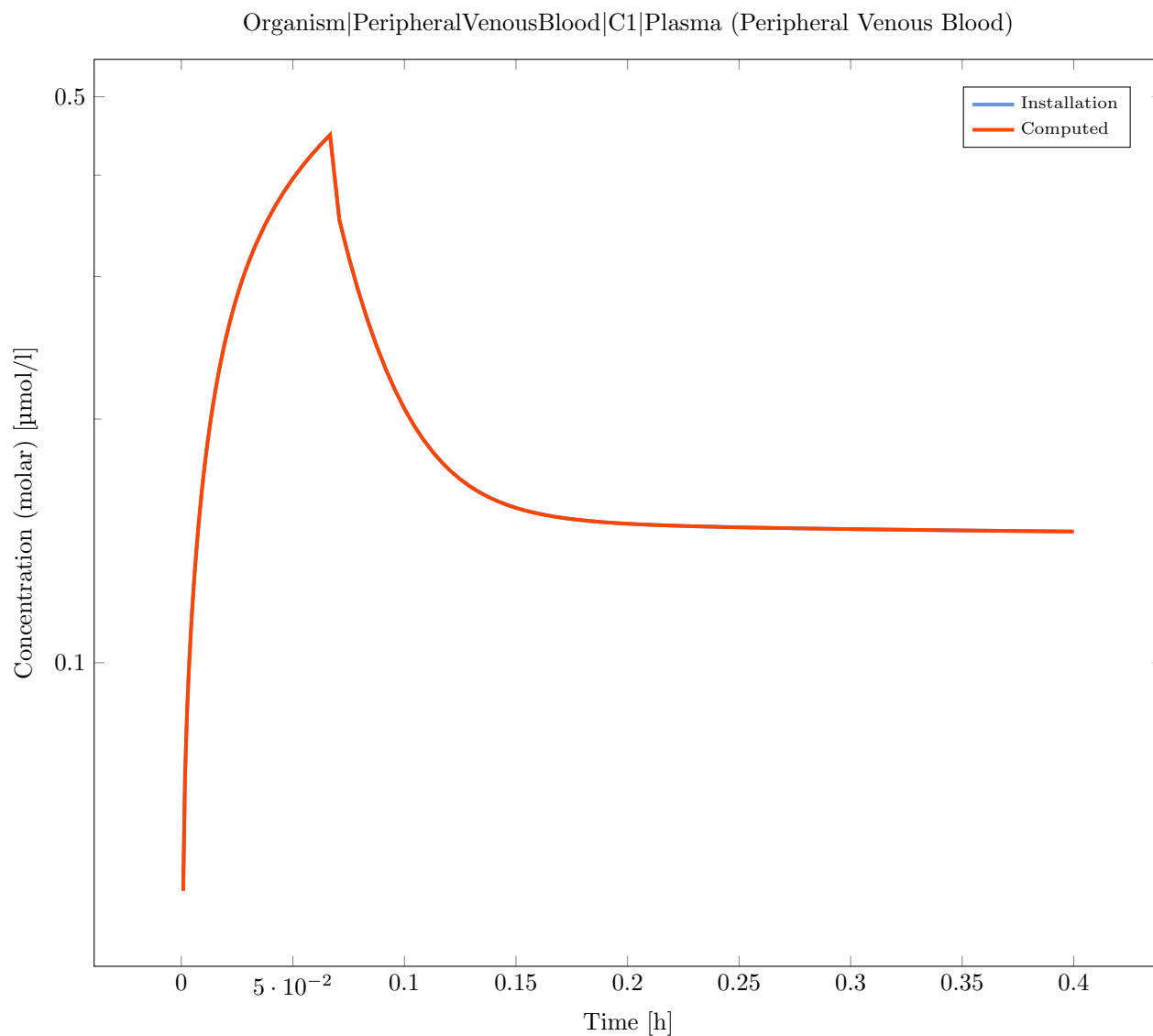


Figure 1.13

**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



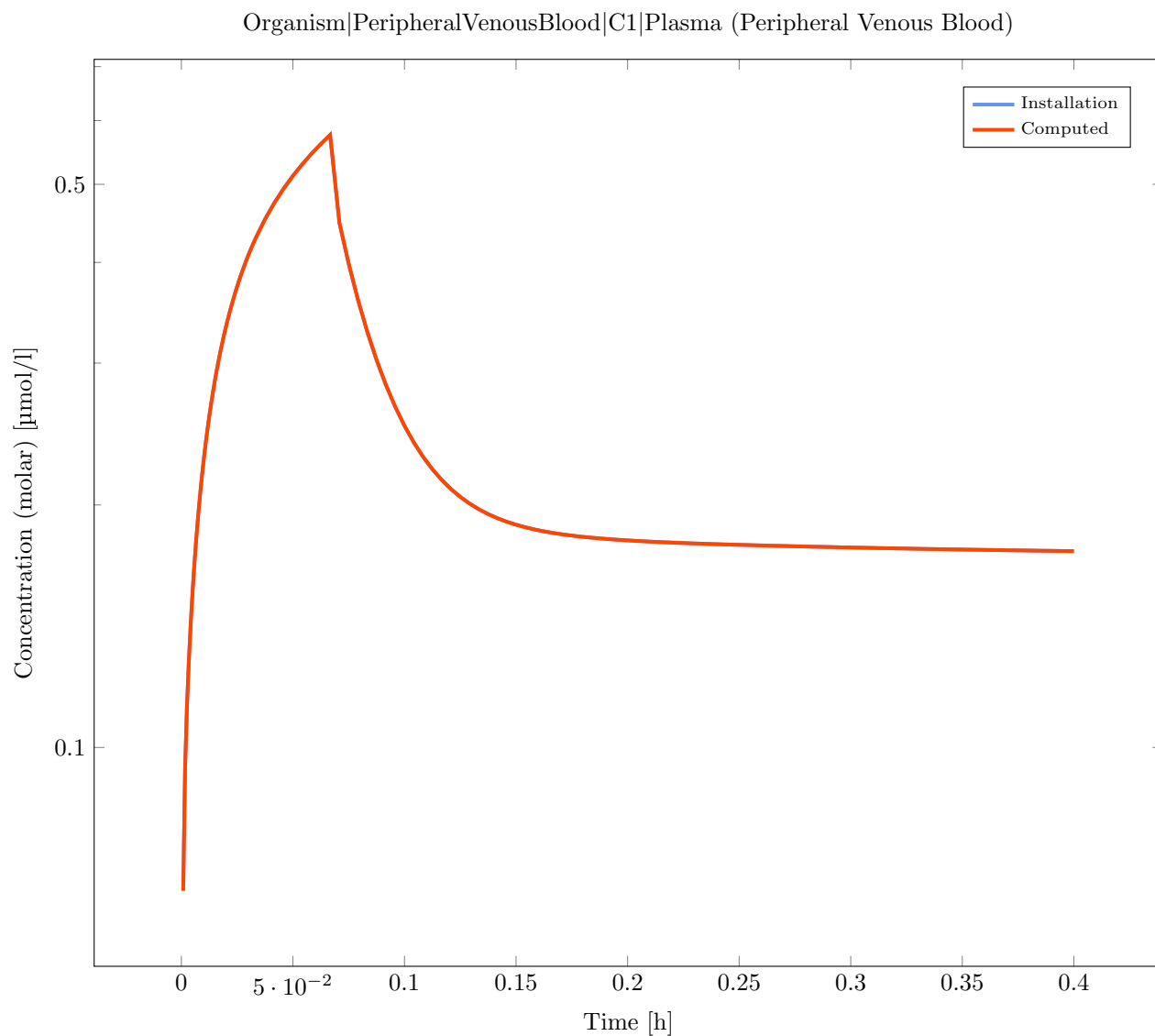


Figure 1.14

**Simulation:** Human\_ICRP\_AGP-04\_ICRP\_1y\_Female

Result of the validation: Valid

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

Deviation: 0

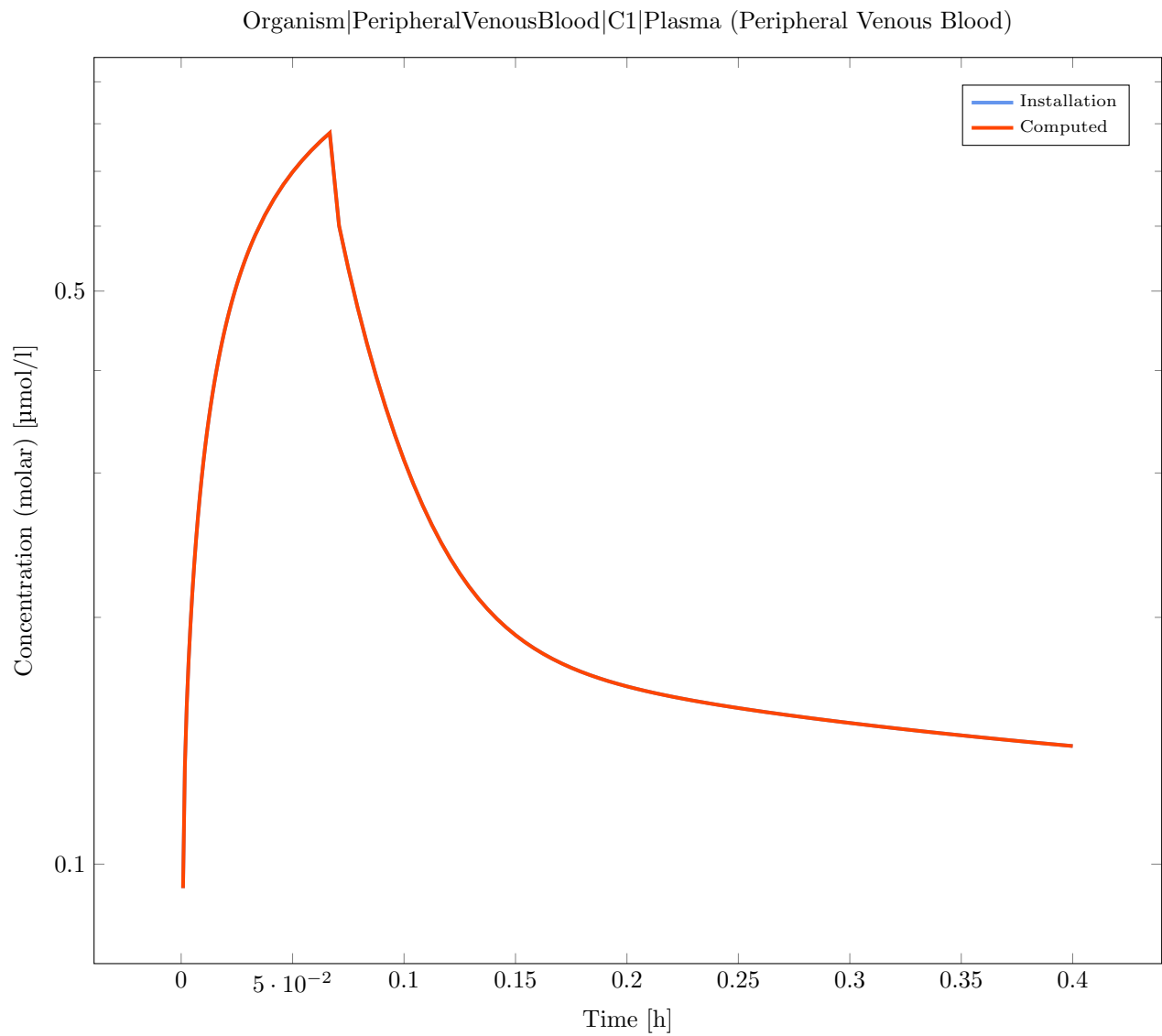


Figure 1.15

**Simulation:** Human\_ICRP\_AGP-05\_ICRP\_12y\_Male

Result of the validation: Valid

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

Deviation: 0

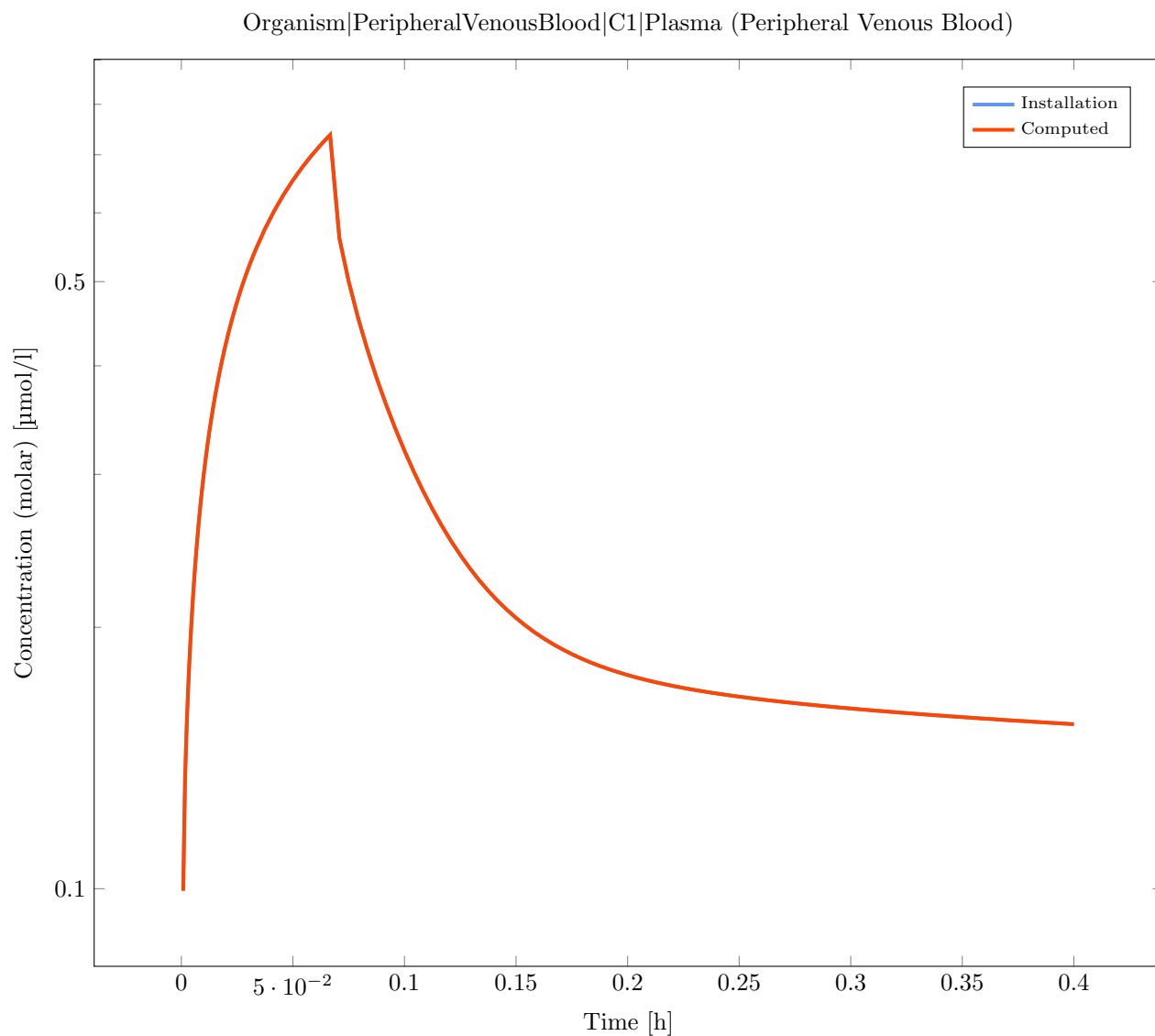


Figure 1.16

**Simulation:** Human\_ICRP\_AGP-06\_ICRP\_30y\_Female

Result of the validation: Valid

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

Deviation: 0

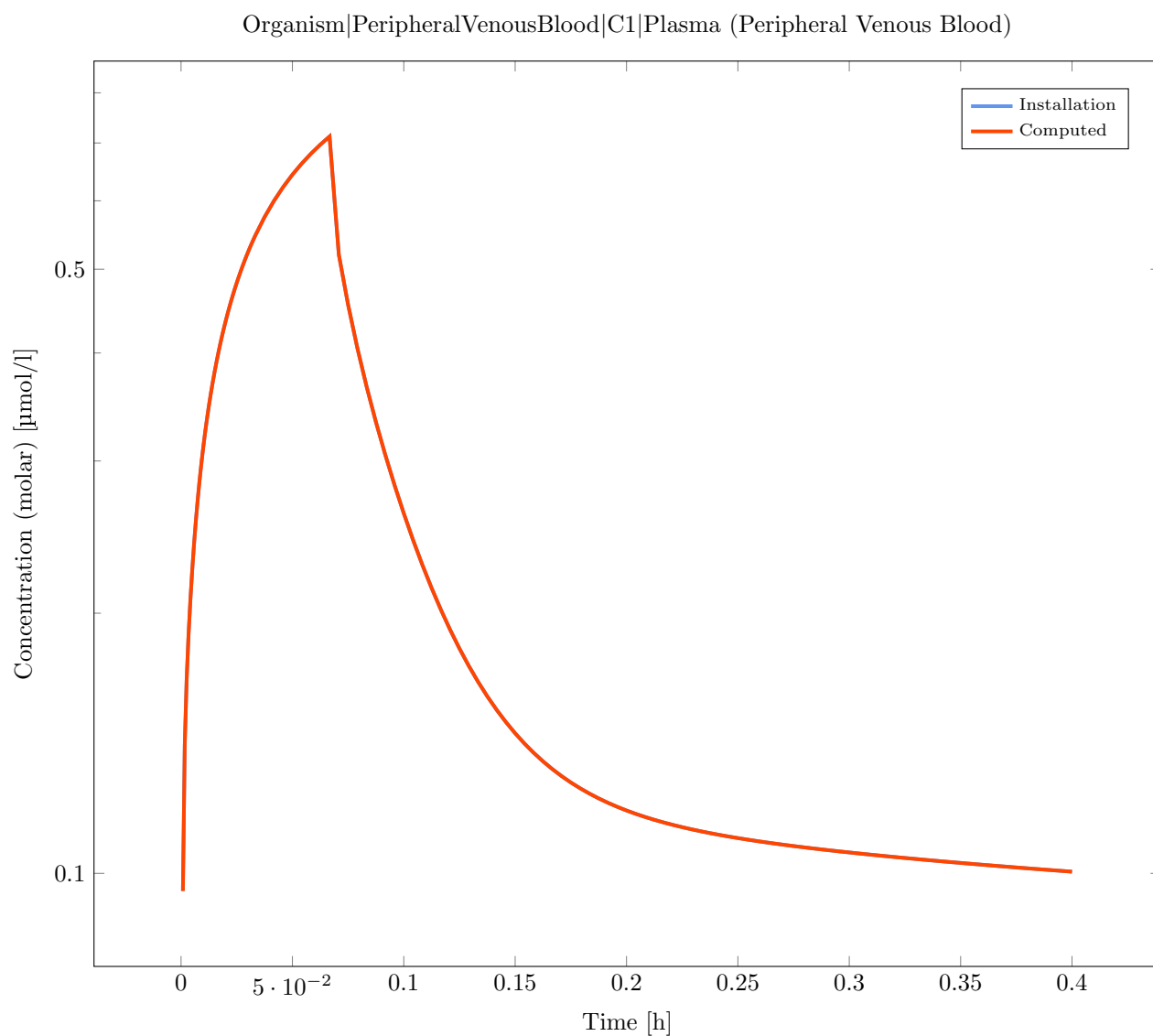


Figure 1.17

**Simulation:** Human\_ICRP\_AGP-07\_ICRP\_100y\_Male

Result of the validation: Valid

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

Deviation: 0

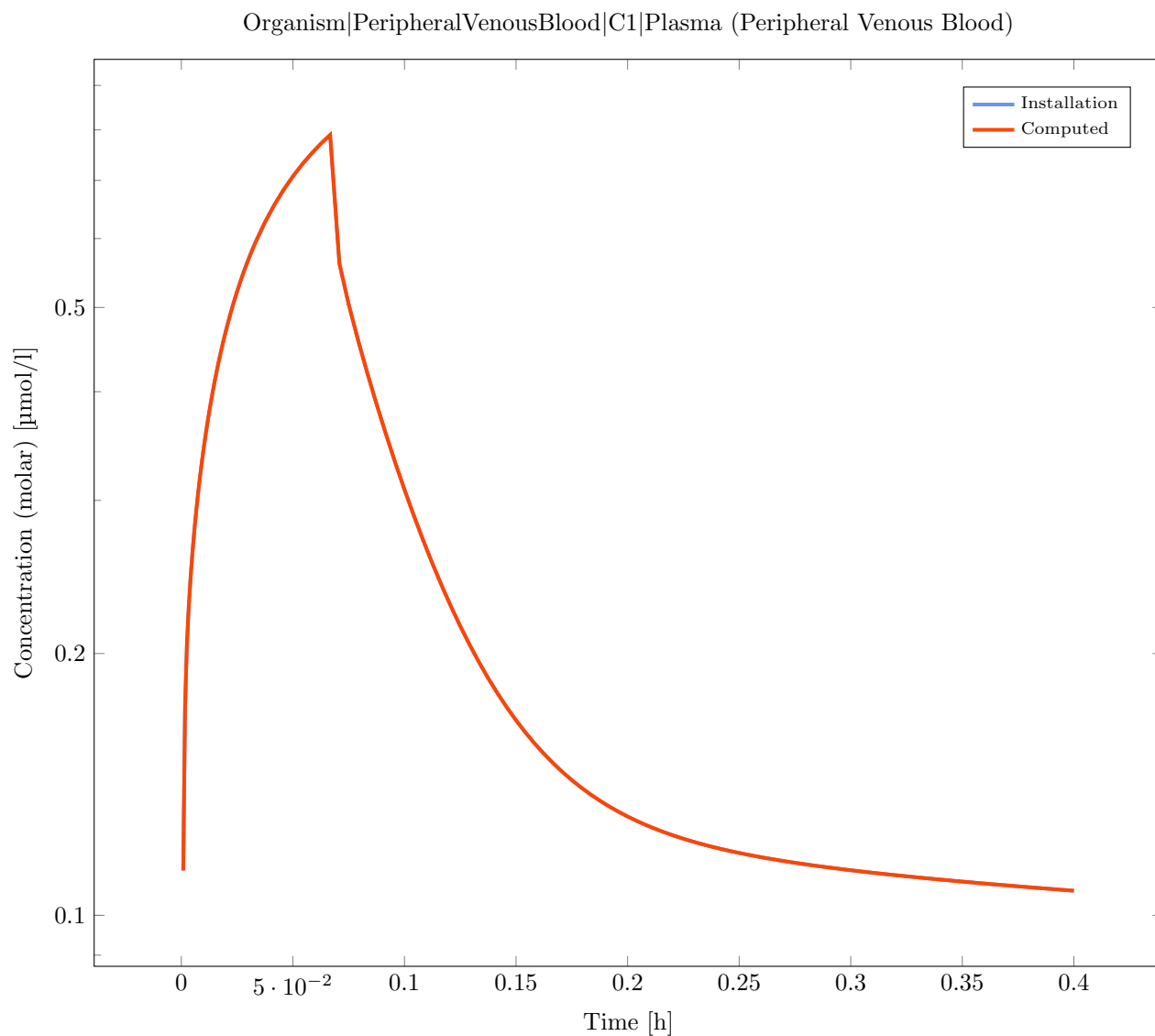


Figure 1.18

**Simulation:** Human\_IrreversibleInhibition-Human\_IrreversibleInhibition

Result of the validation: Valid

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

Deviation: 0

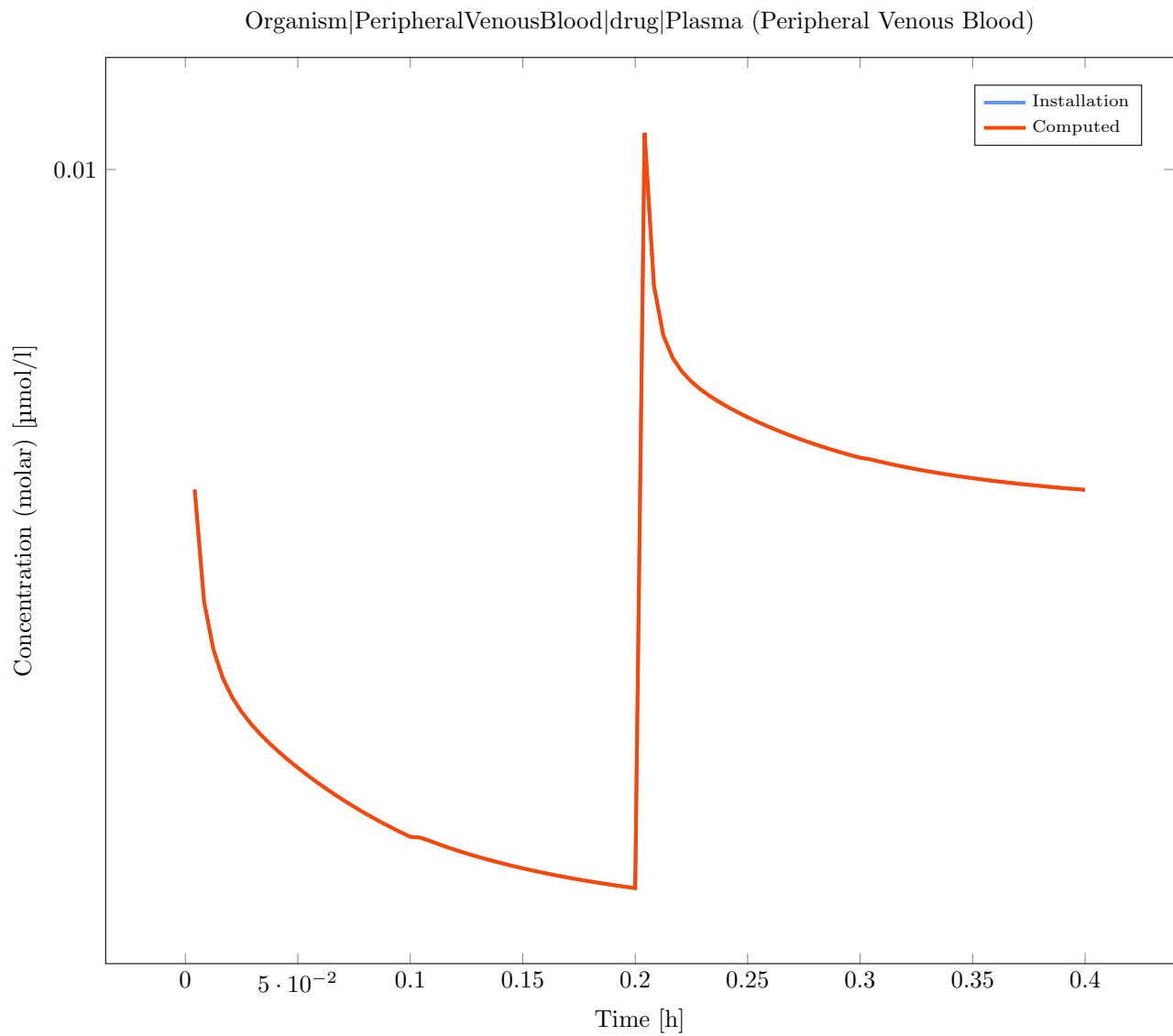


Figure 1.19

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

Deviation: 0

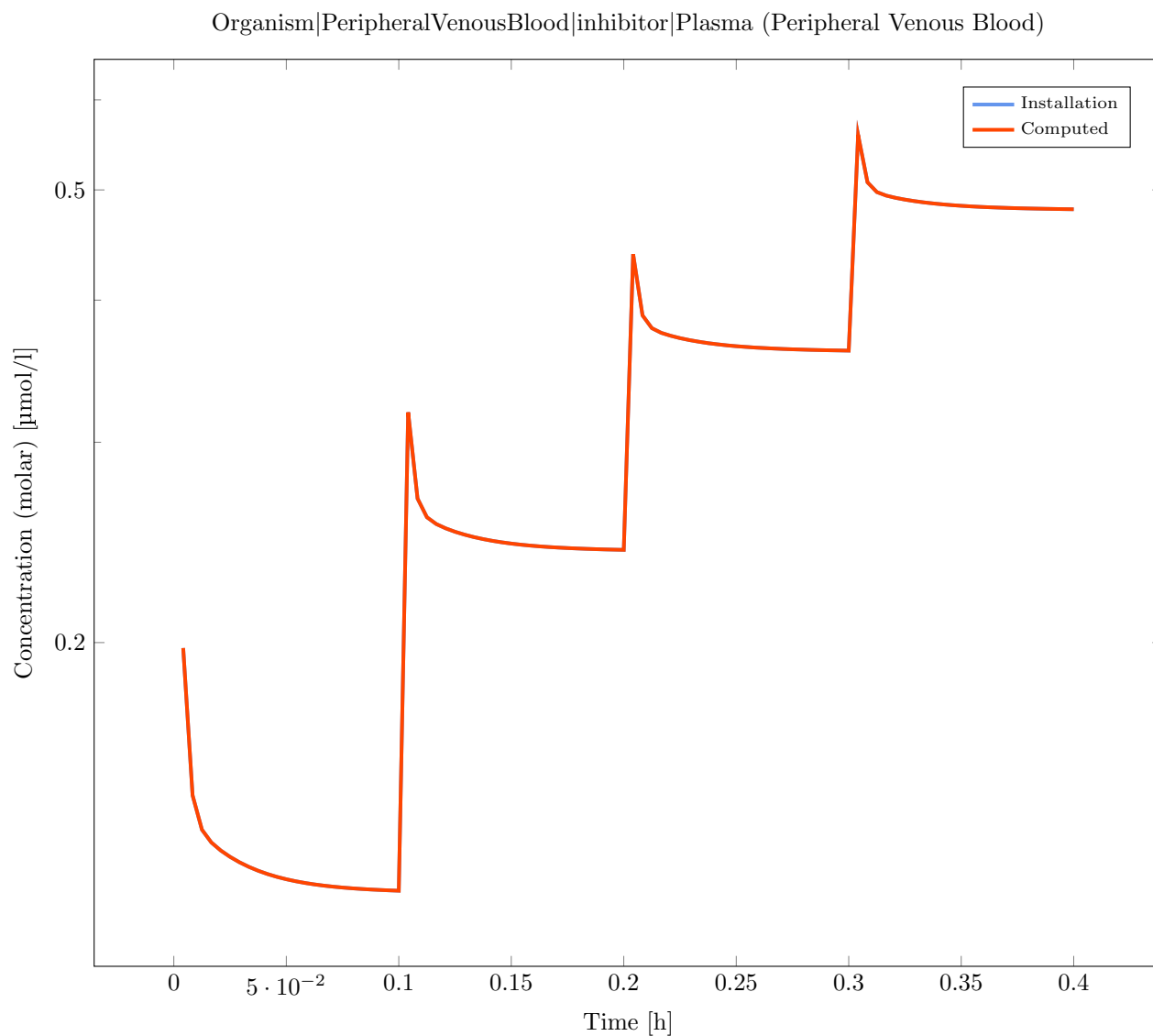


Figure 1.20

**Simulation:** Human\_MixedInhibition-Human\_MixedInhibition

Result of the validation: Valid

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

Deviation: 0

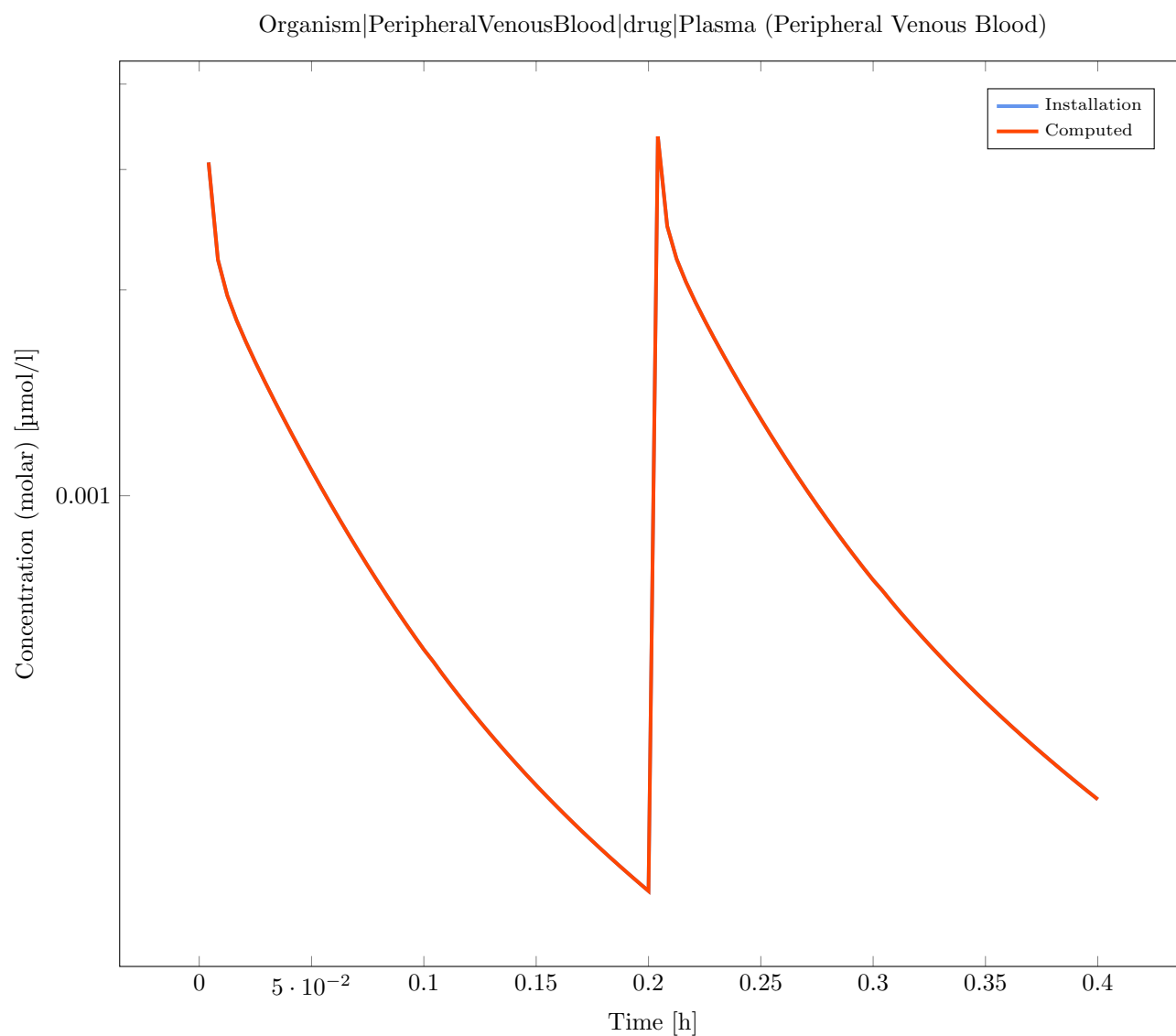


Figure 1.21

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

Deviation: 0



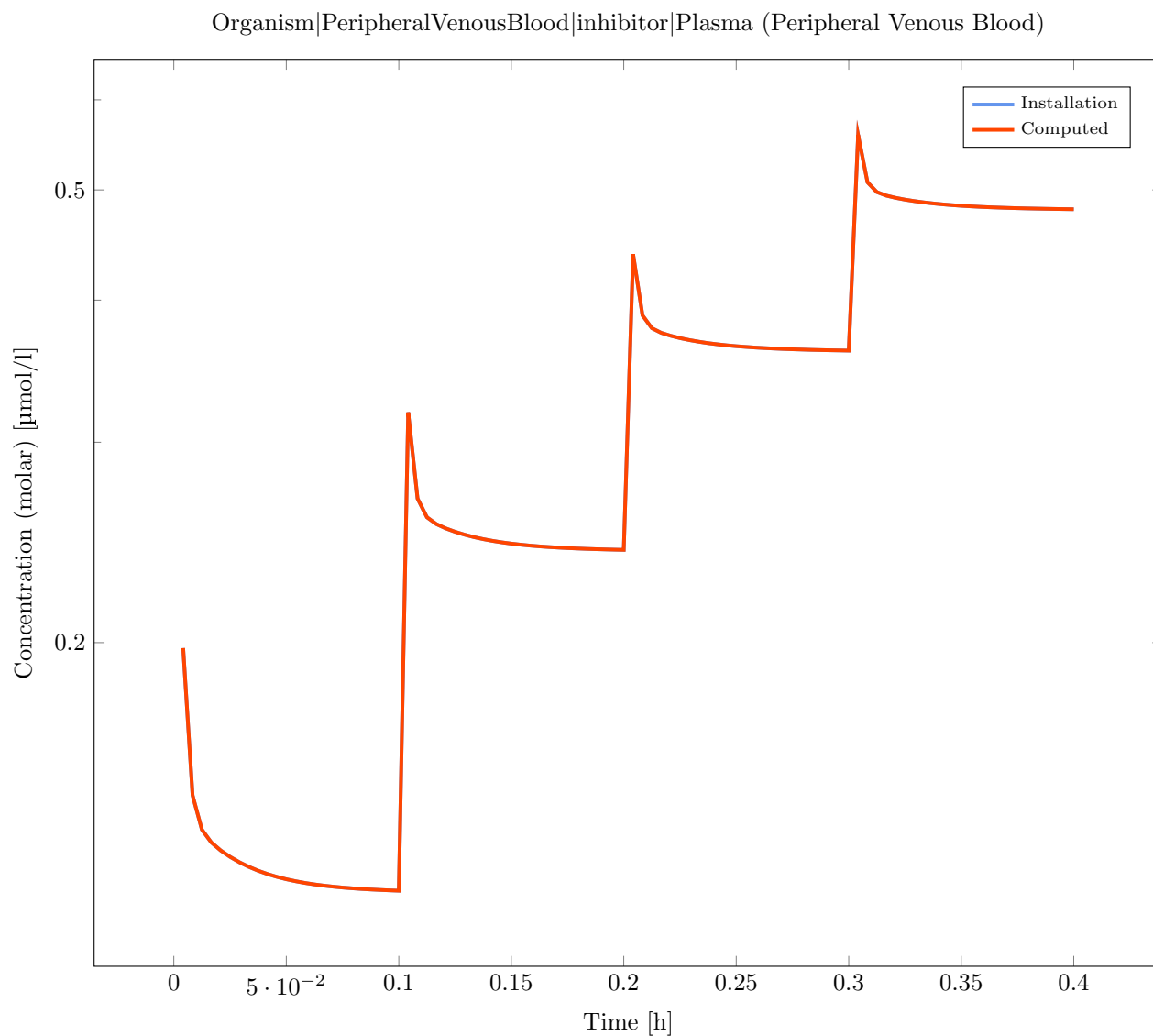


Figure 1.22

**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

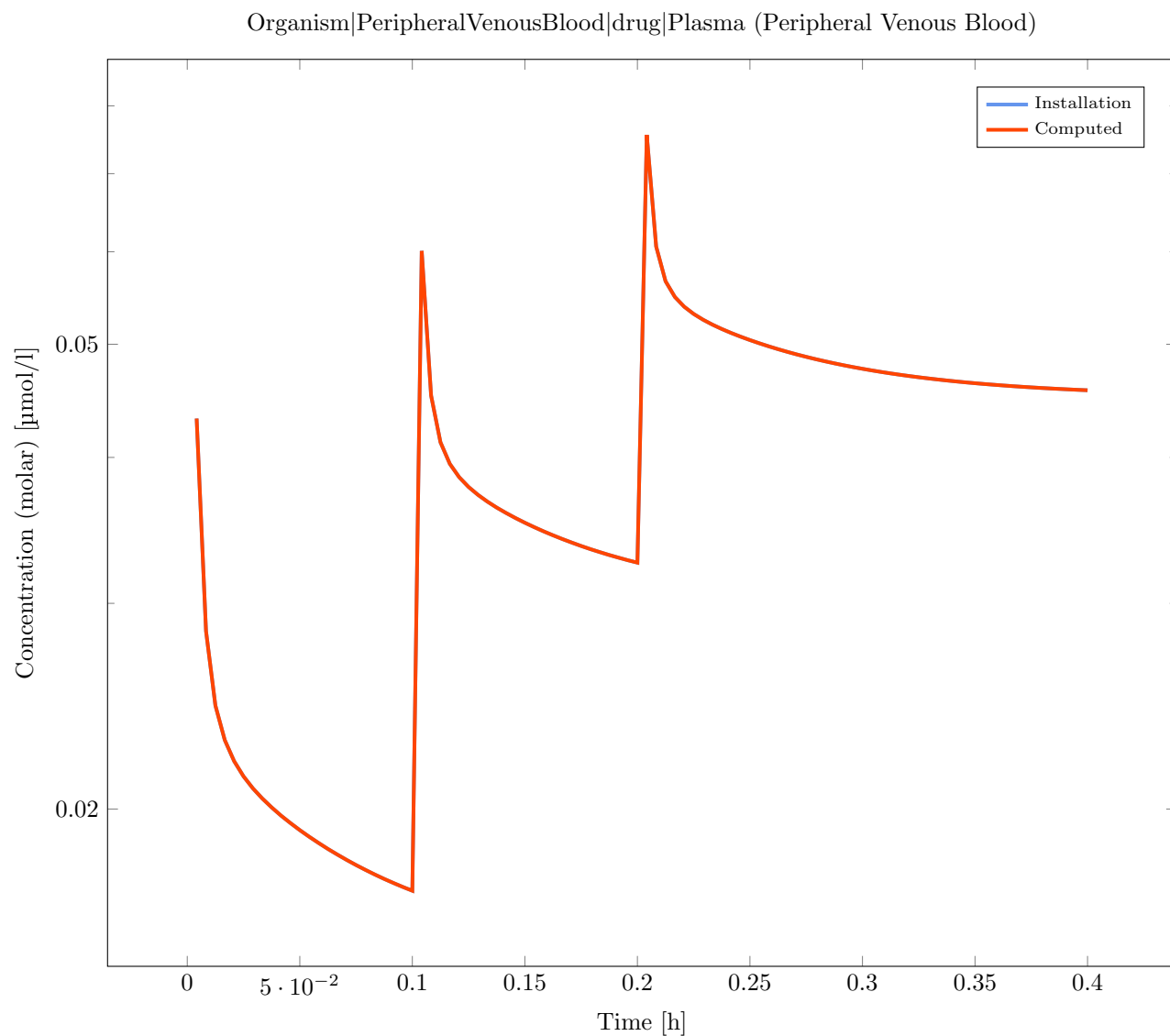


Figure 1.23

**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: 0

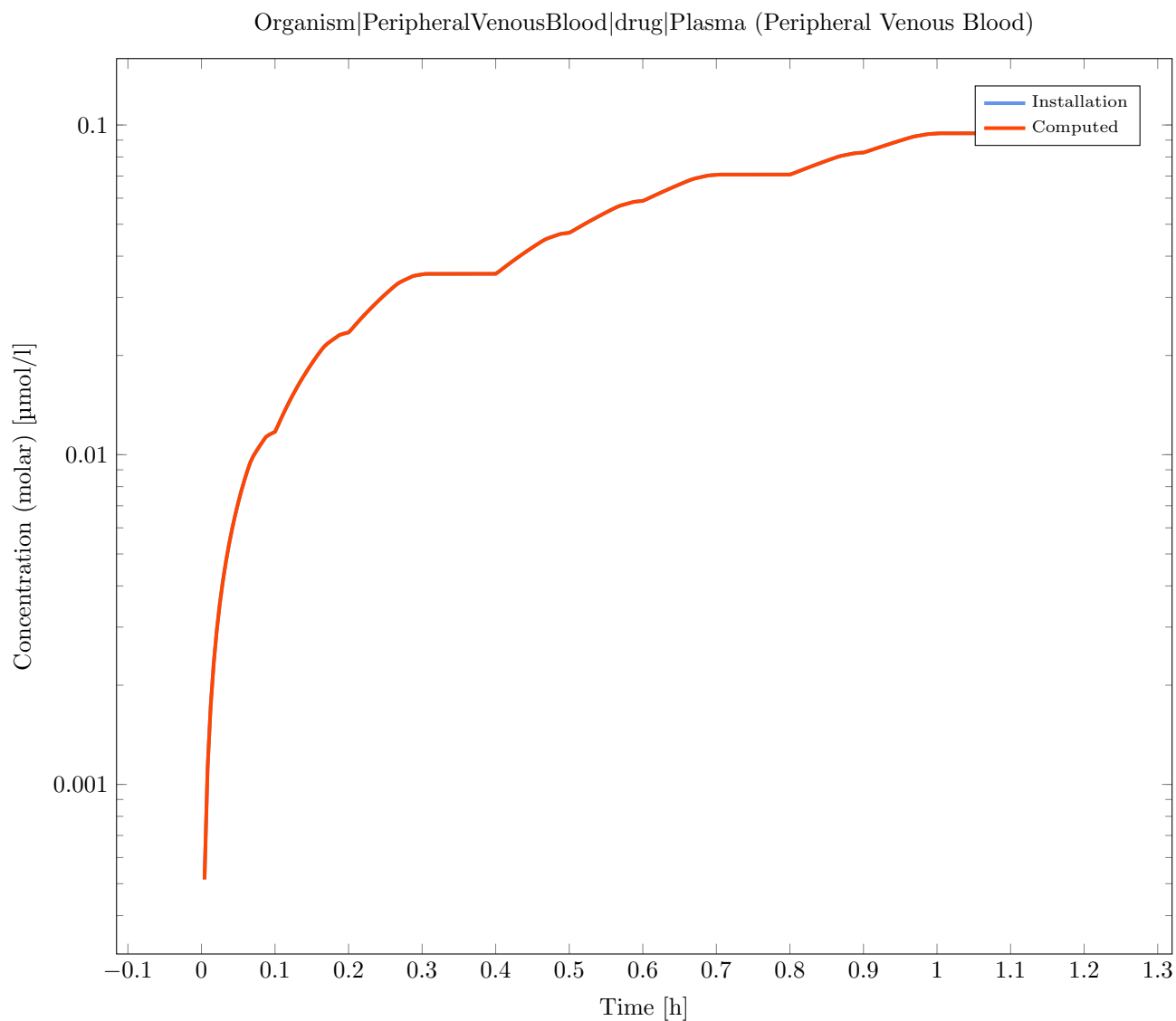


Figure 1.24

**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: 0

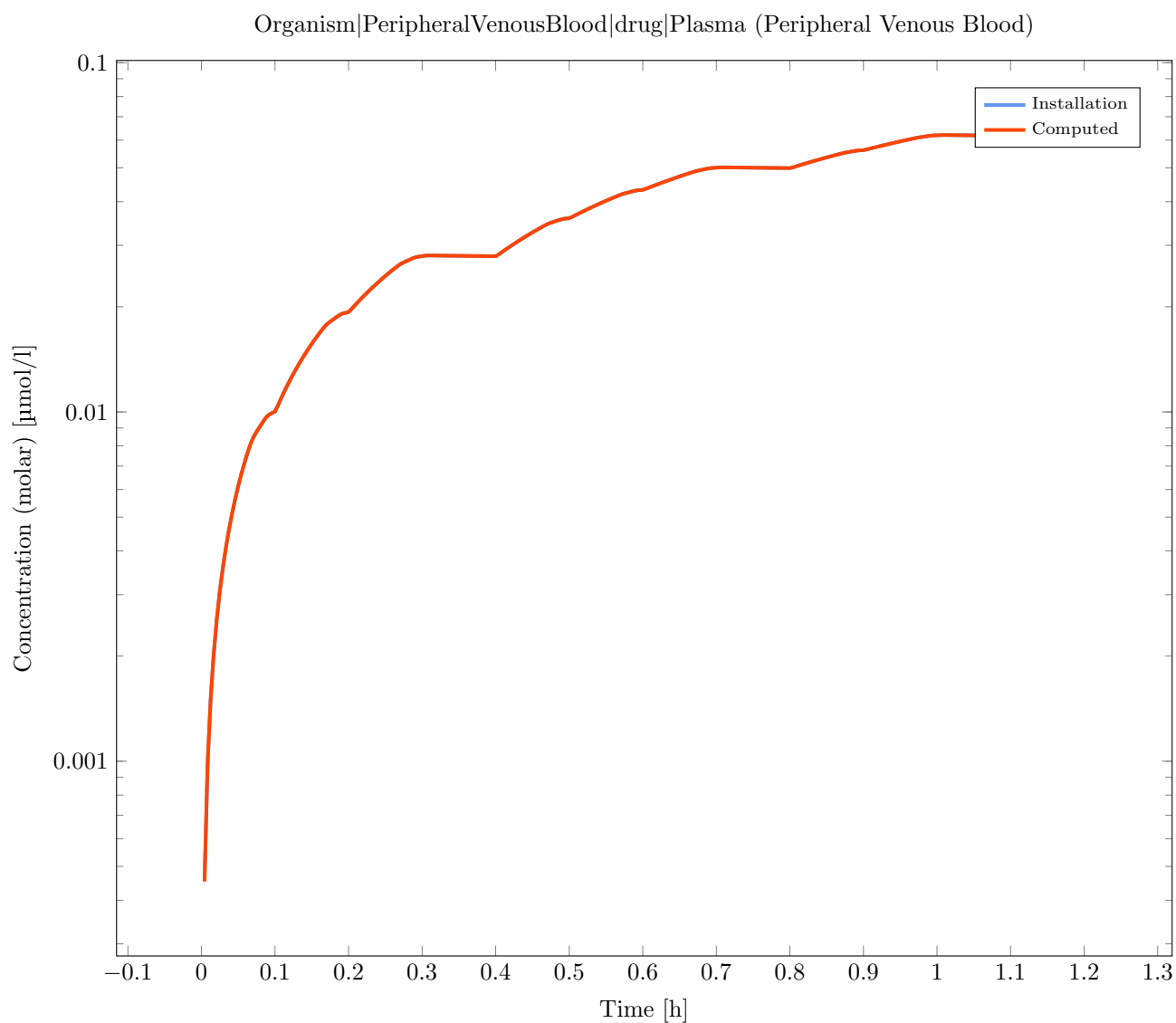


Figure 1.25

**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: 0

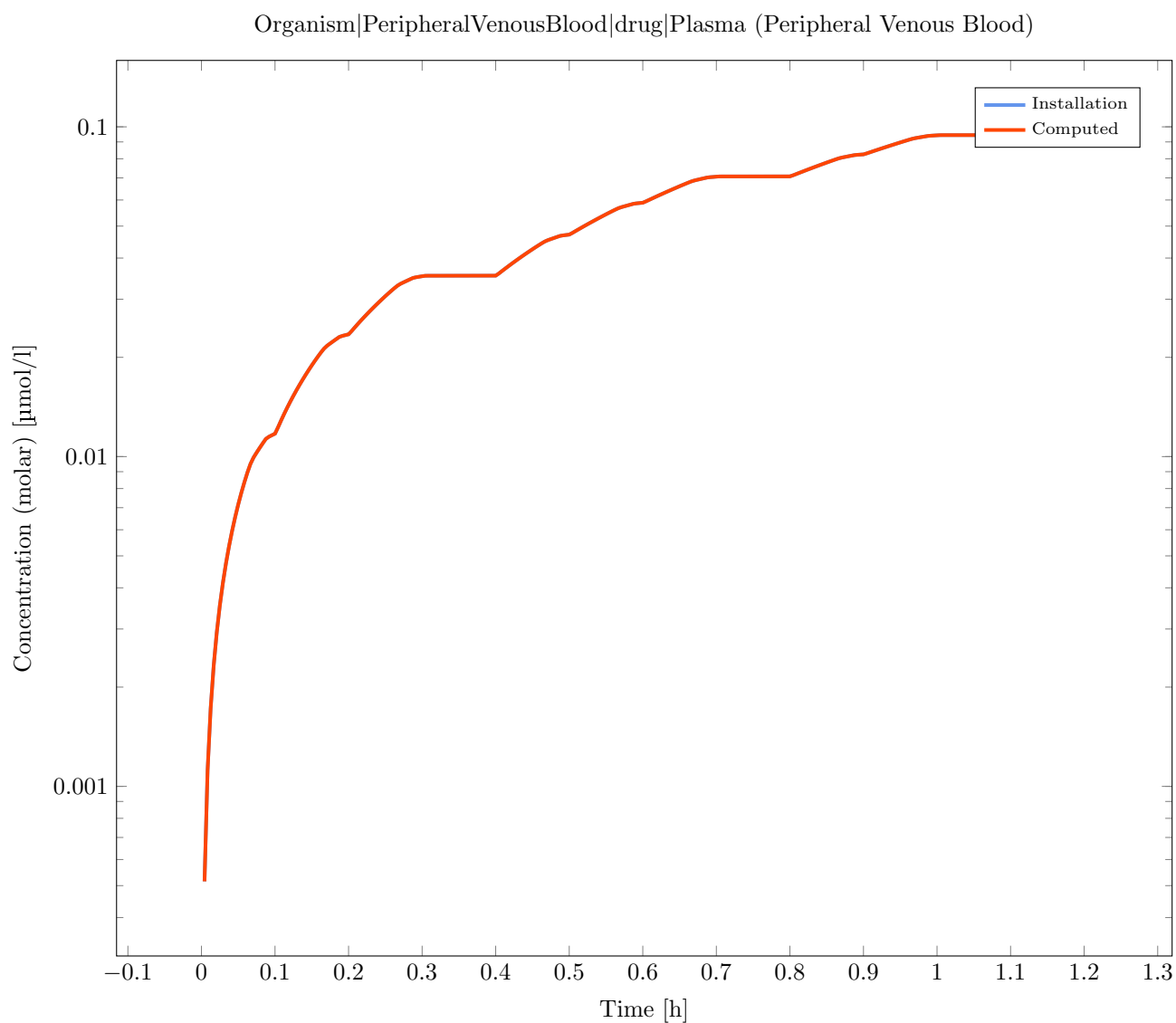


Figure 1.26

**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: 0

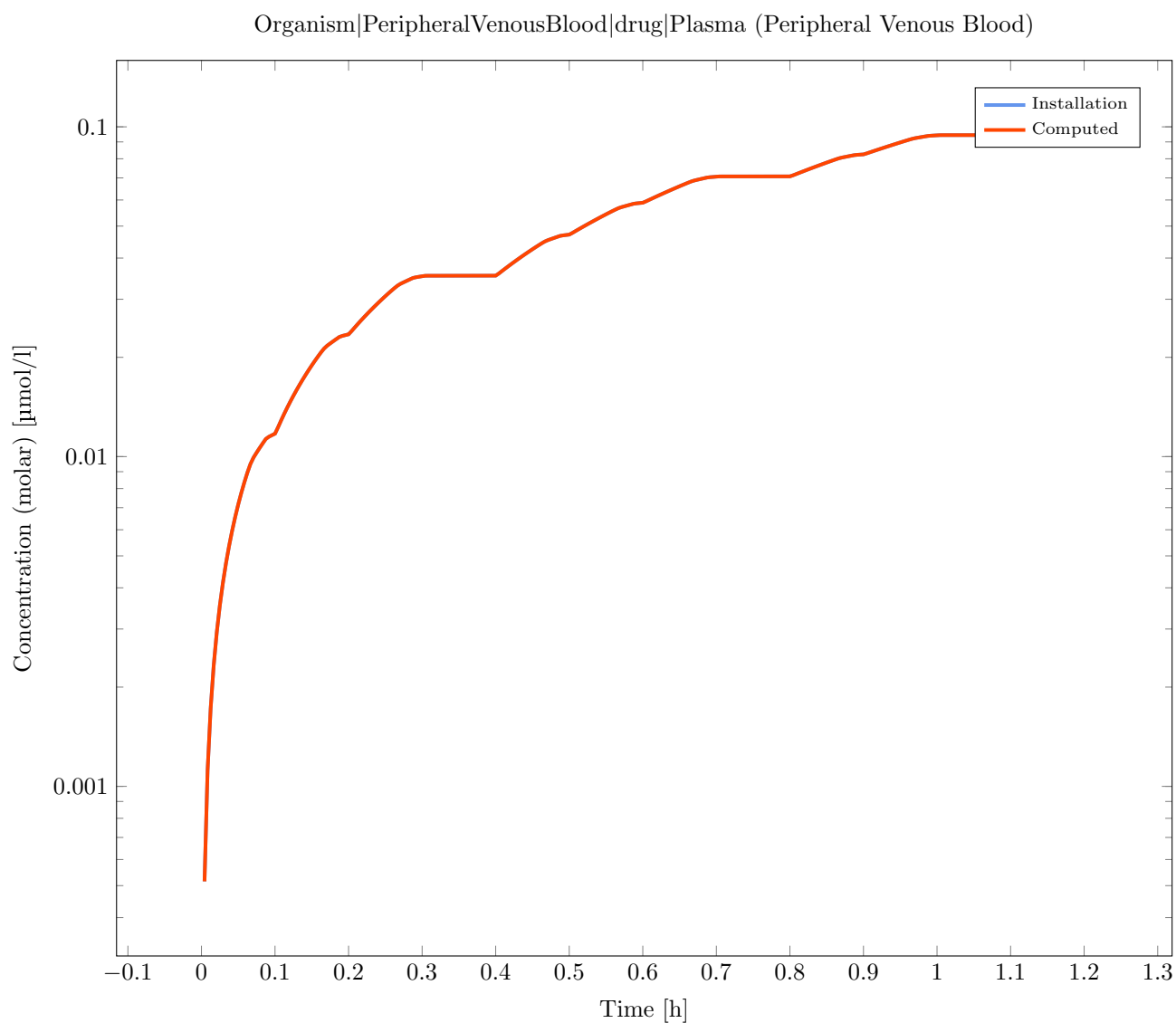


Figure 1.27

**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: 0

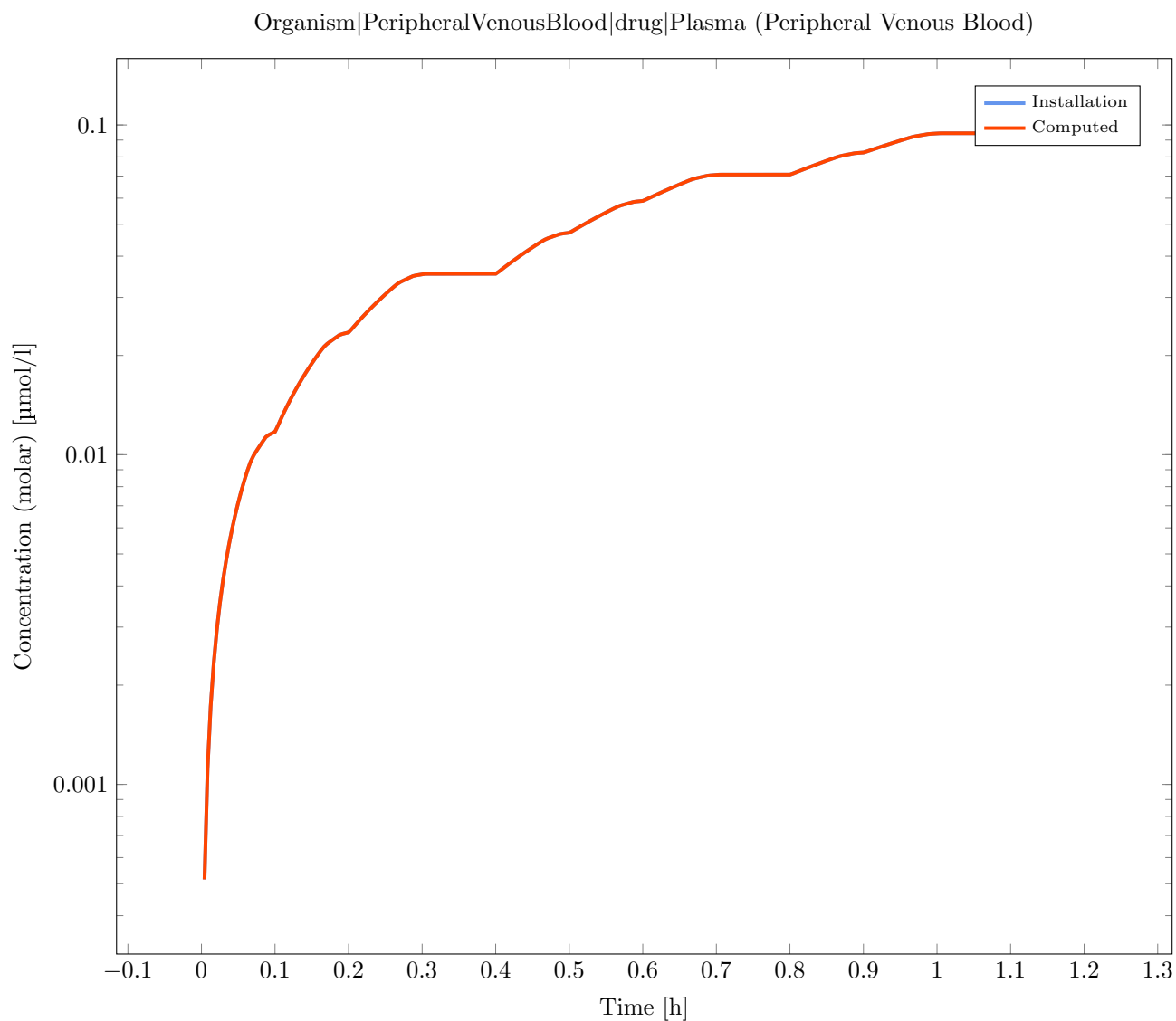
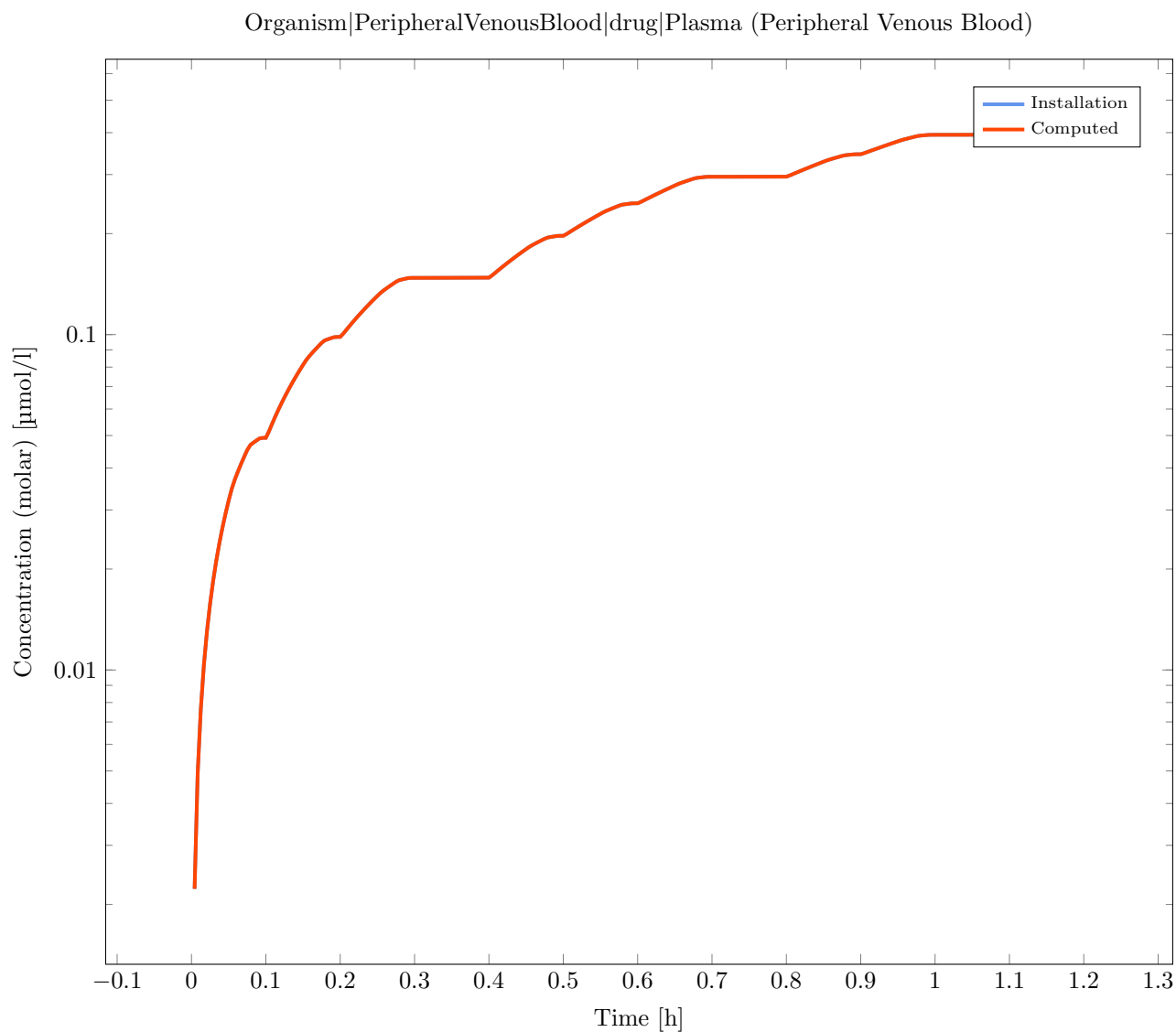


Figure 1.28

**Simulation:** Human\_MultiORAL\_6\_12\_12\_Dissolved-Human\_MultiORAL\_6\_12\_12\_Dissolved\_solubility  
Result of the validation: Valid

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

**Figure 1.29**

**Simulation:** Human\_MultipleIV\_AllActiveProcesses-Human\_MultipleIV\_AllActiveProcesses

Result of the validation: Valid

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

Deviation: 0



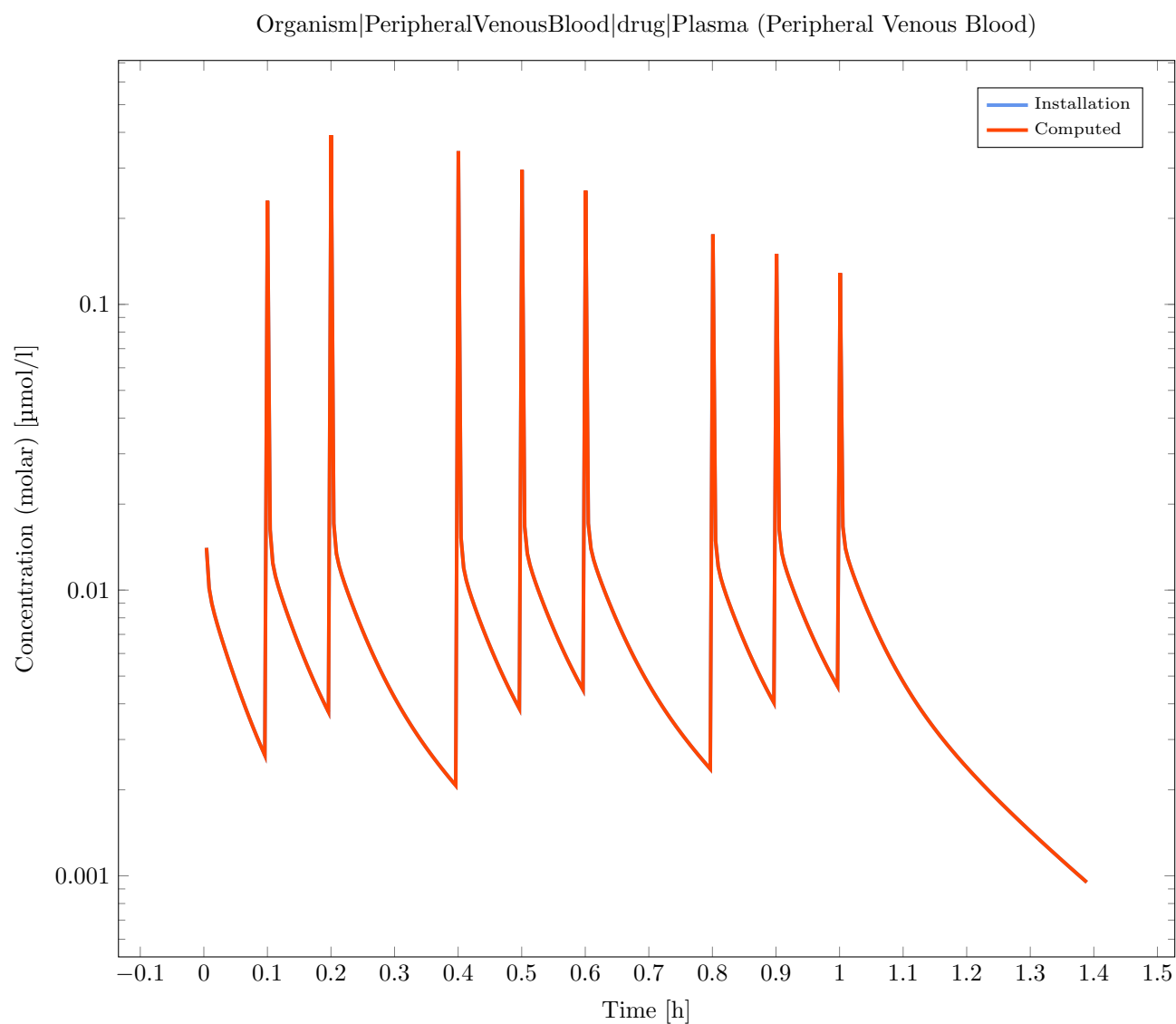


Figure 1.30

**Simulation:** Human\_MultipleIV\_transporters-Human\_MultipleIV\_transporters

Result of the validation: Valid

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

Deviation: 0

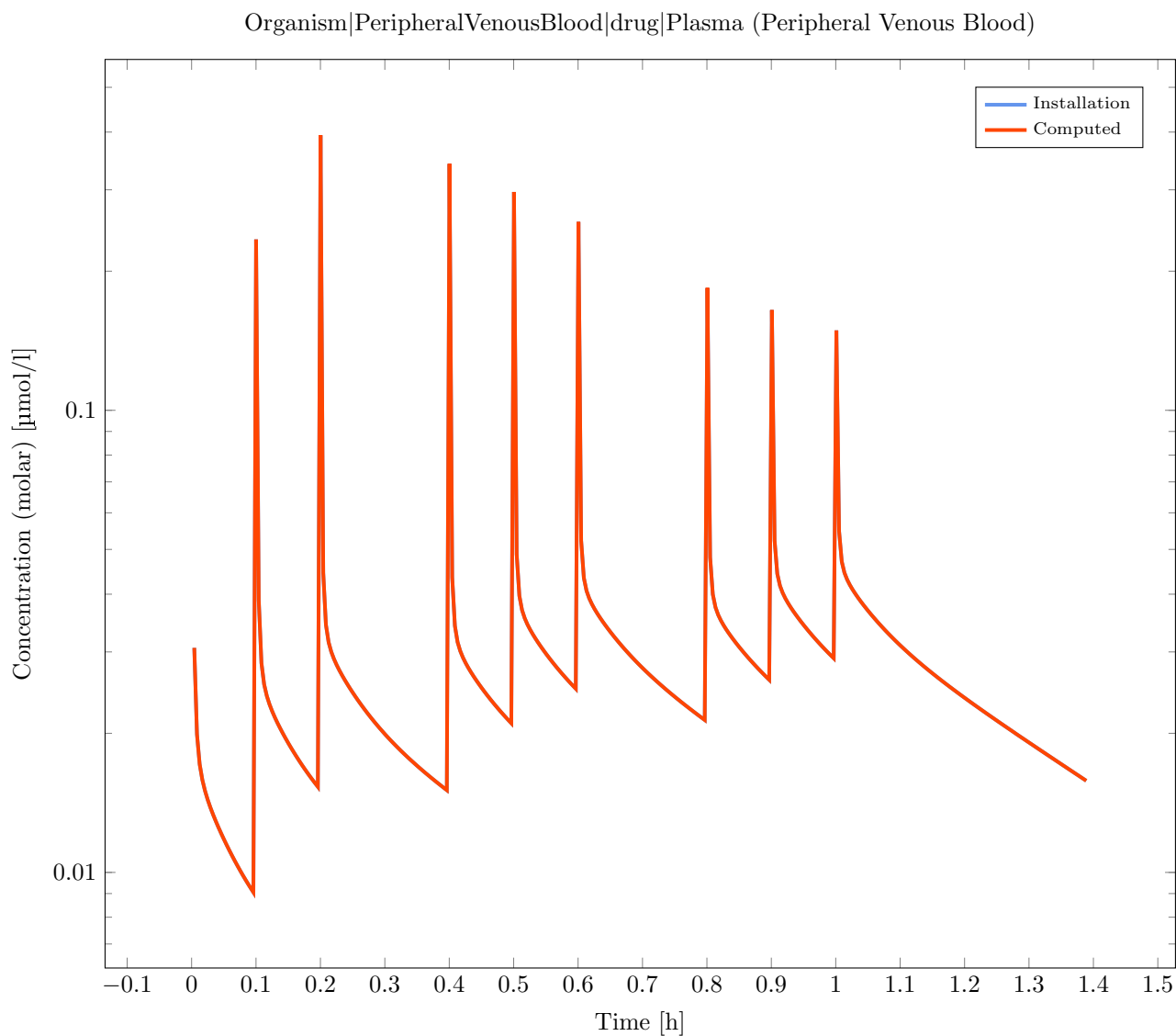


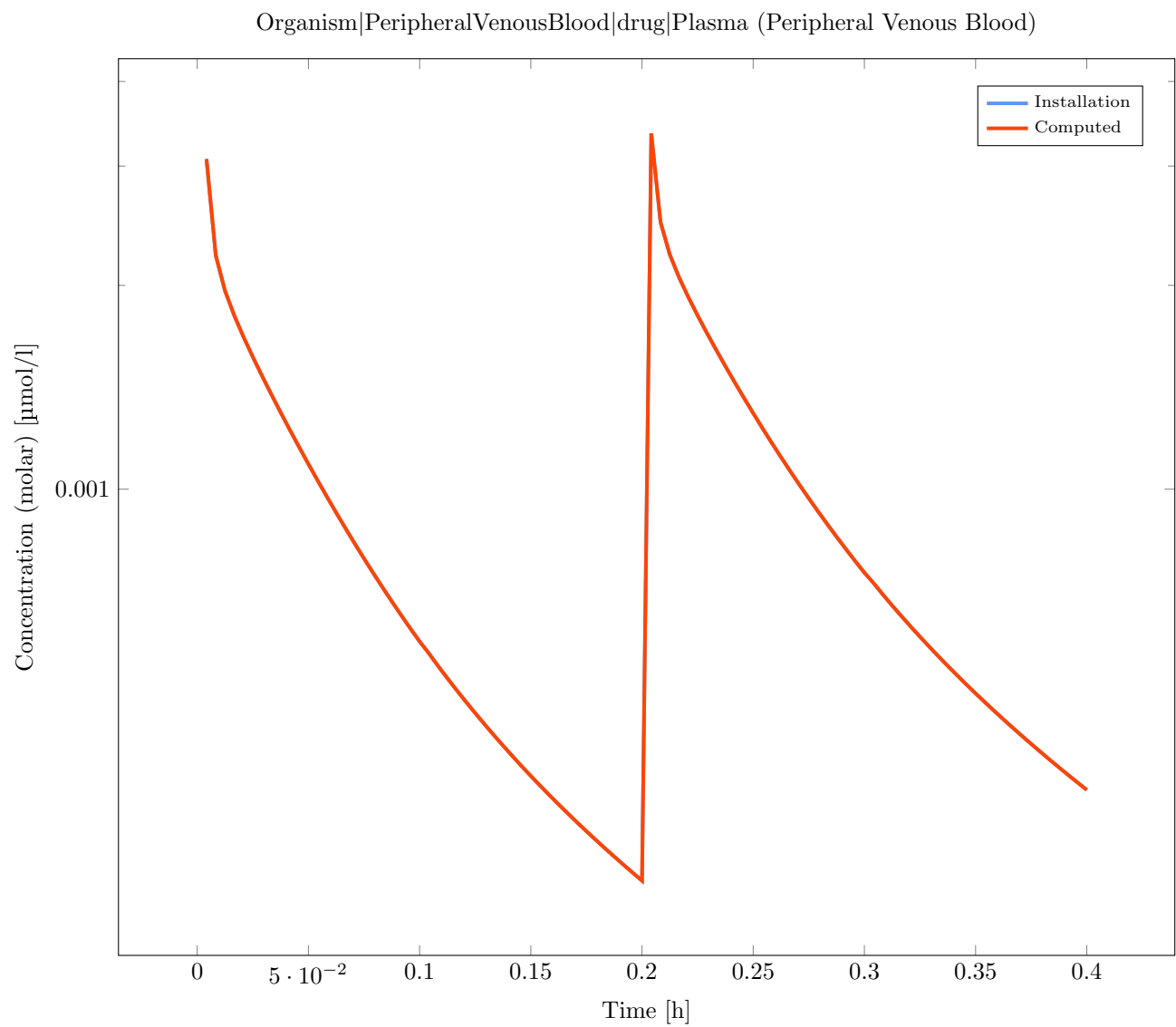
Figure 1.31

**Simulation:** Human\_NonCompetitiveInhibition-Human\_NonCompetitiveInhibition

Result of the validation: Valid

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

Deviation: 0

**Figure 1.32**

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

Deviation: 0

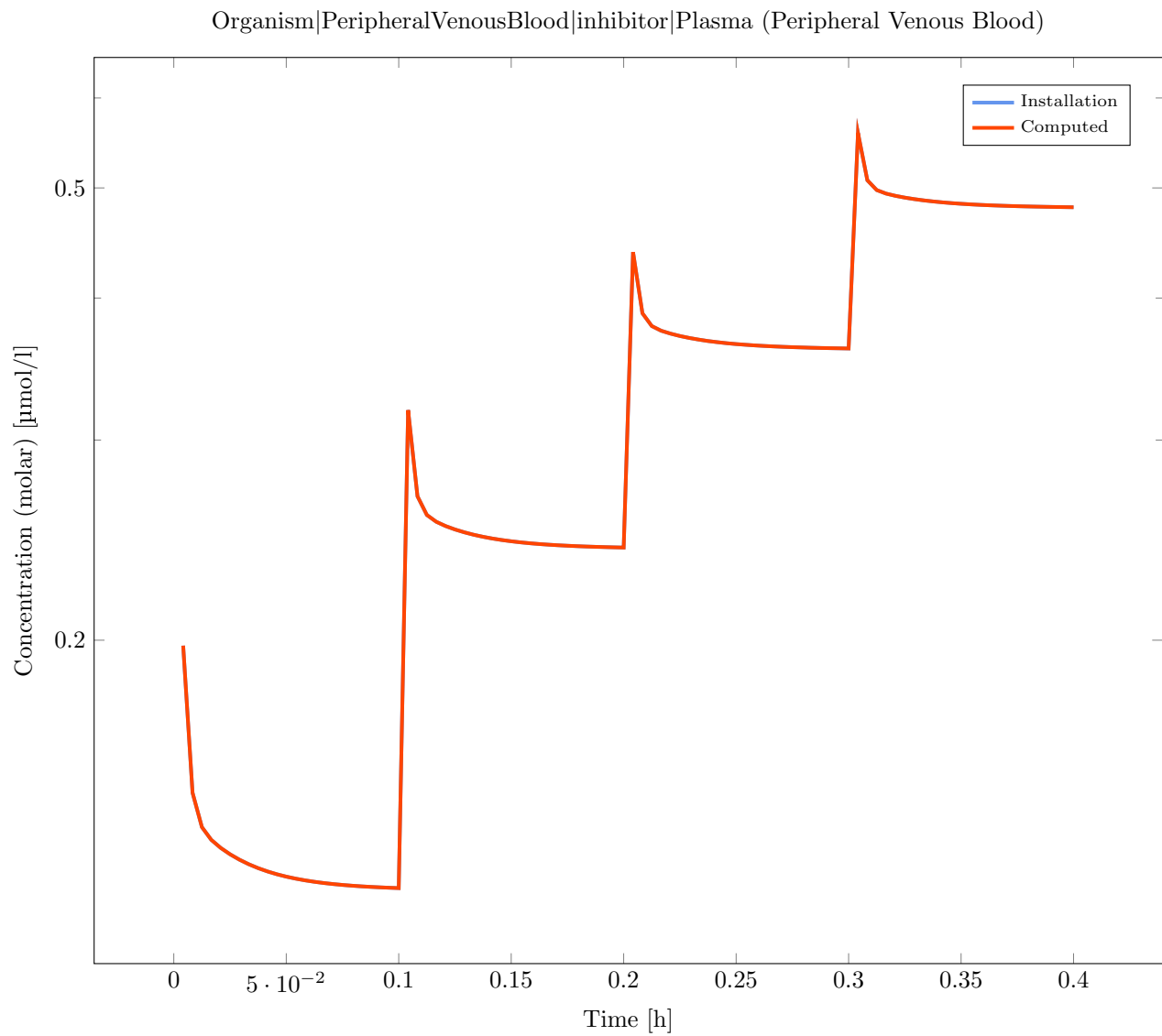


Figure 1.33

**Simulation:** Human\_Oral\_BiDaily\_TableFormulation-S1\_suspension

Result of the validation: Valid

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

Deviation: 0

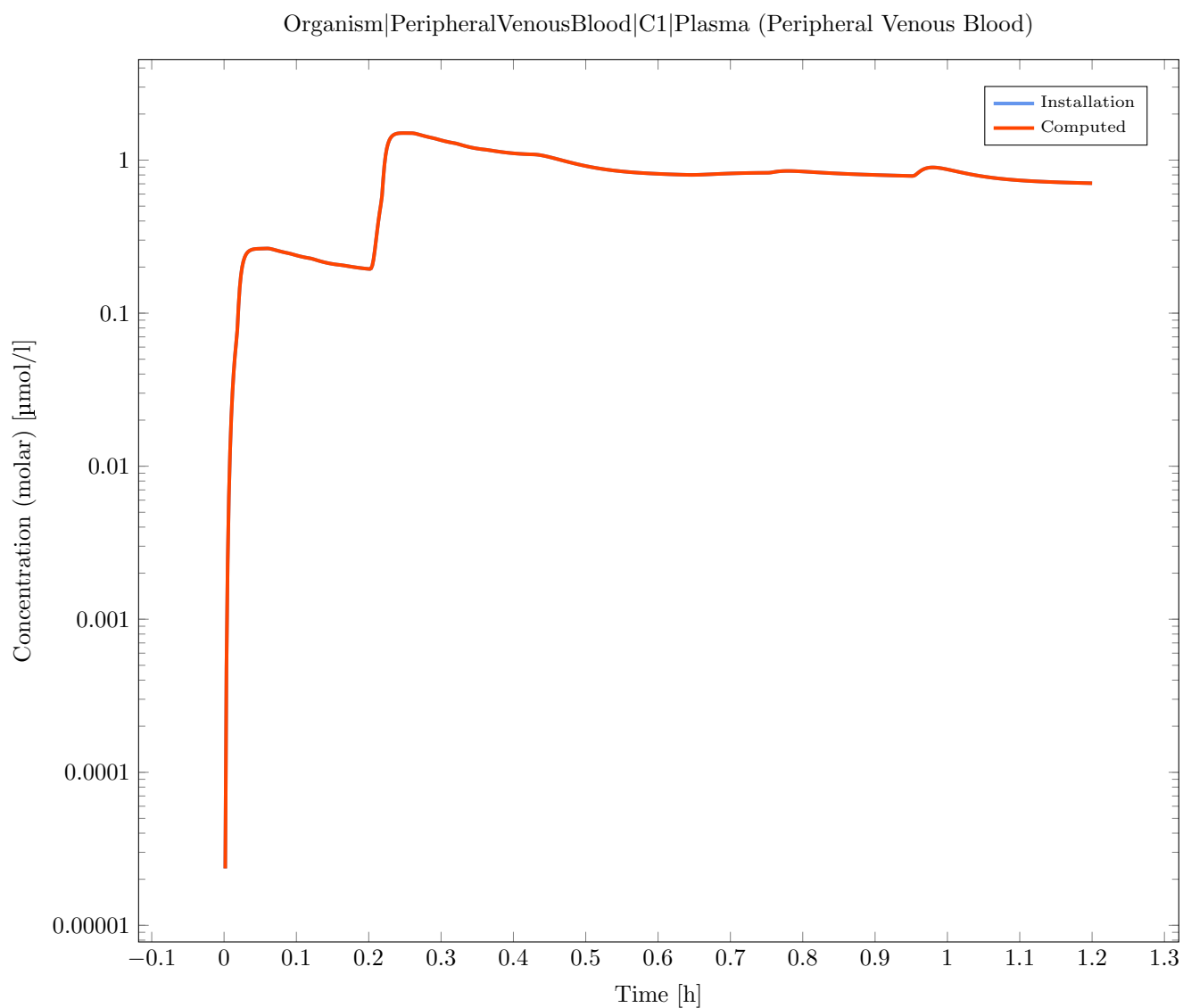


Figure 1.34

**Simulation:** Human\_Oral\_BiDaily\_TableFormulation-S2\_NoSuspension

Result of the validation: Valid

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

Deviation: 0

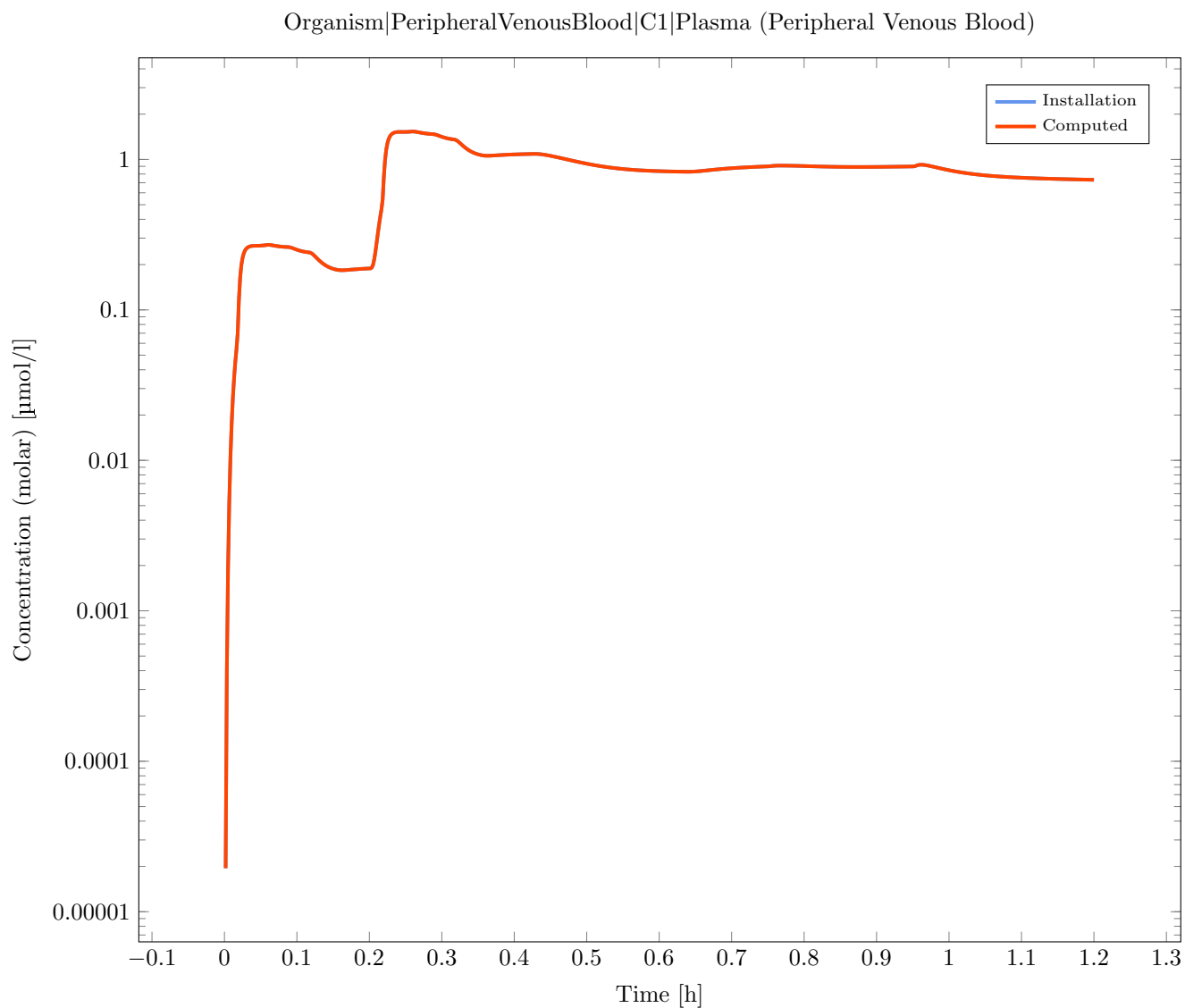


Figure 1.35

**Simulation:** Human\_pH\_SolubilityTable-S1\_Table

Result of the validation: Valid

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

Deviation: 0

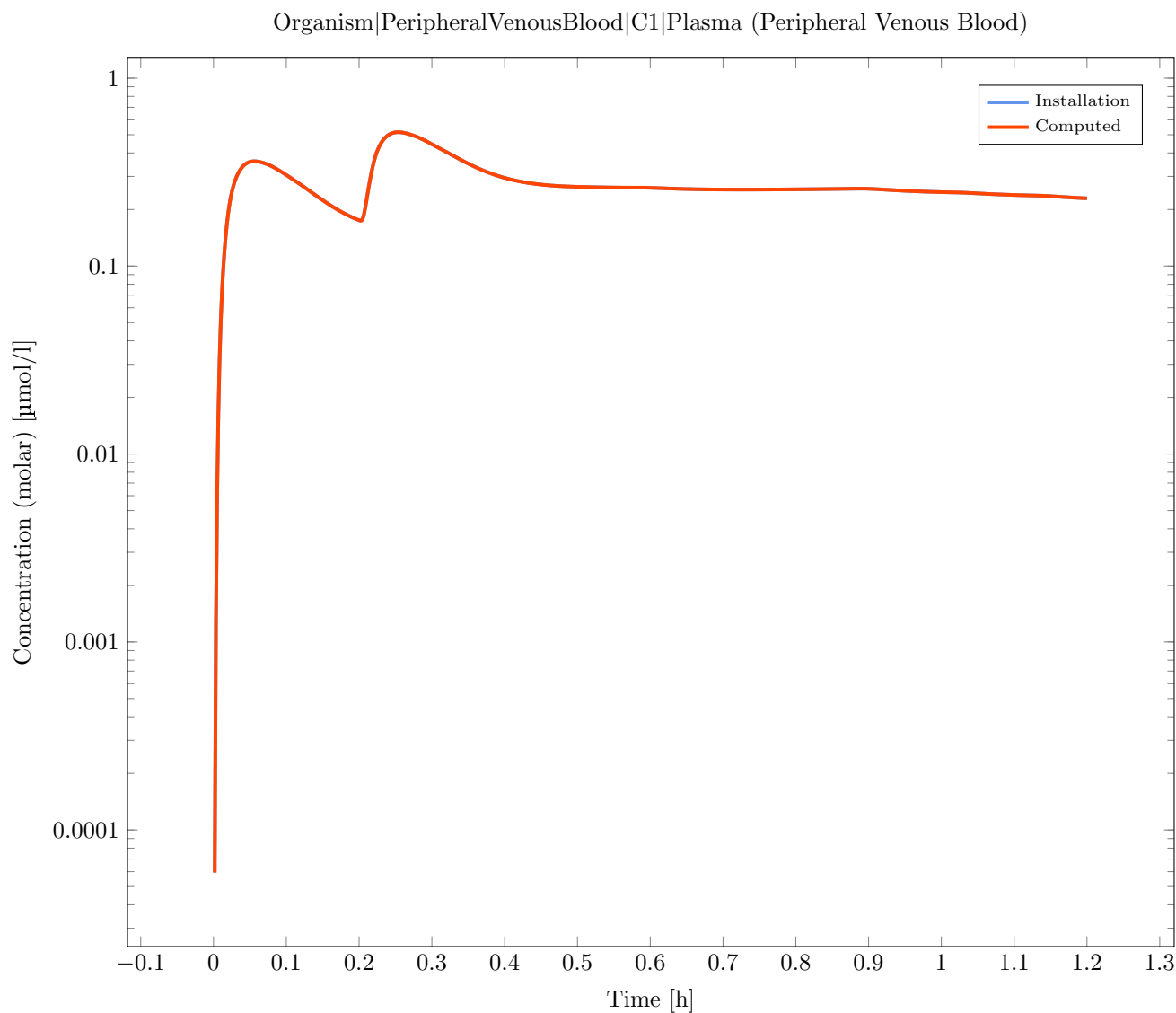


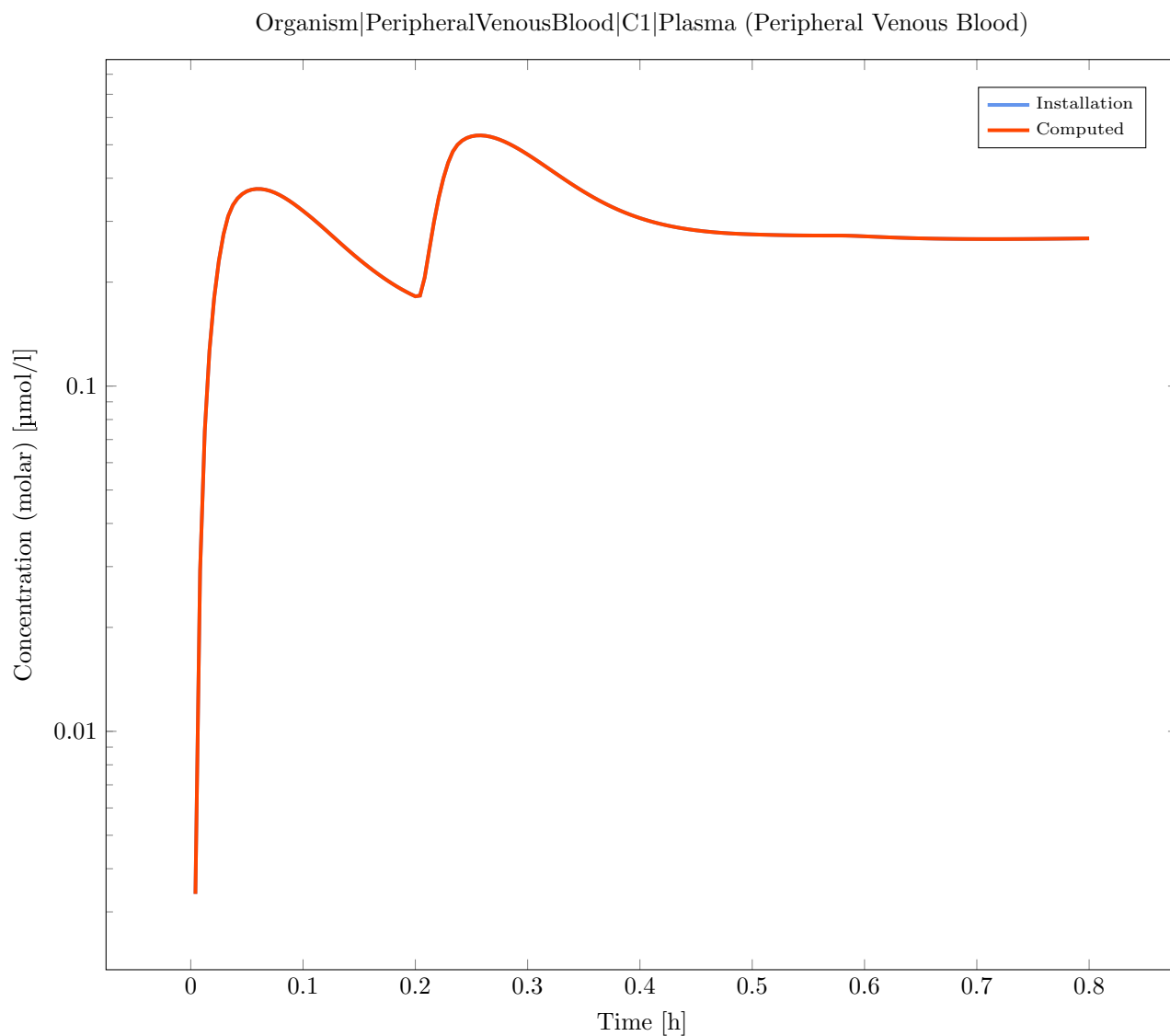
Figure 1.36

**Simulation:** Human\_pH\_SolubilityTable-S2\_Measurement

Result of the validation: Valid

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

Deviation: 0

**Figure 1.37**

**Simulation:** Human\_pH\_SolubilityTable-S3\_Table\_SolubilityChanged

Result of the validation: **Valid**

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

Deviation: 0



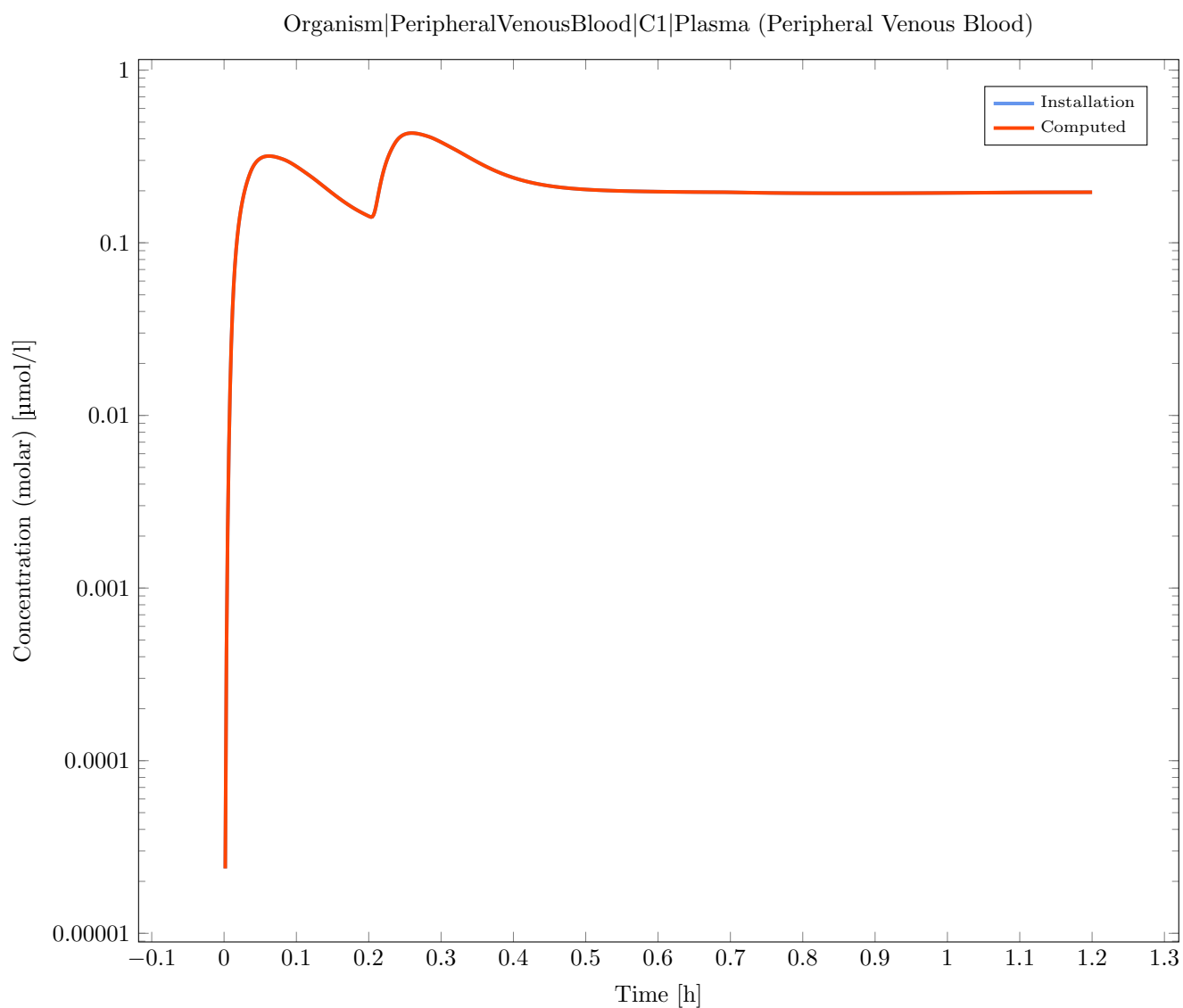


Figure 1.38

**Simulation:** Human\_pH\_SolubilityTable-S4\_Table\_SolubilityTableChanged

Result of the validation: Valid

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

Deviation: 0

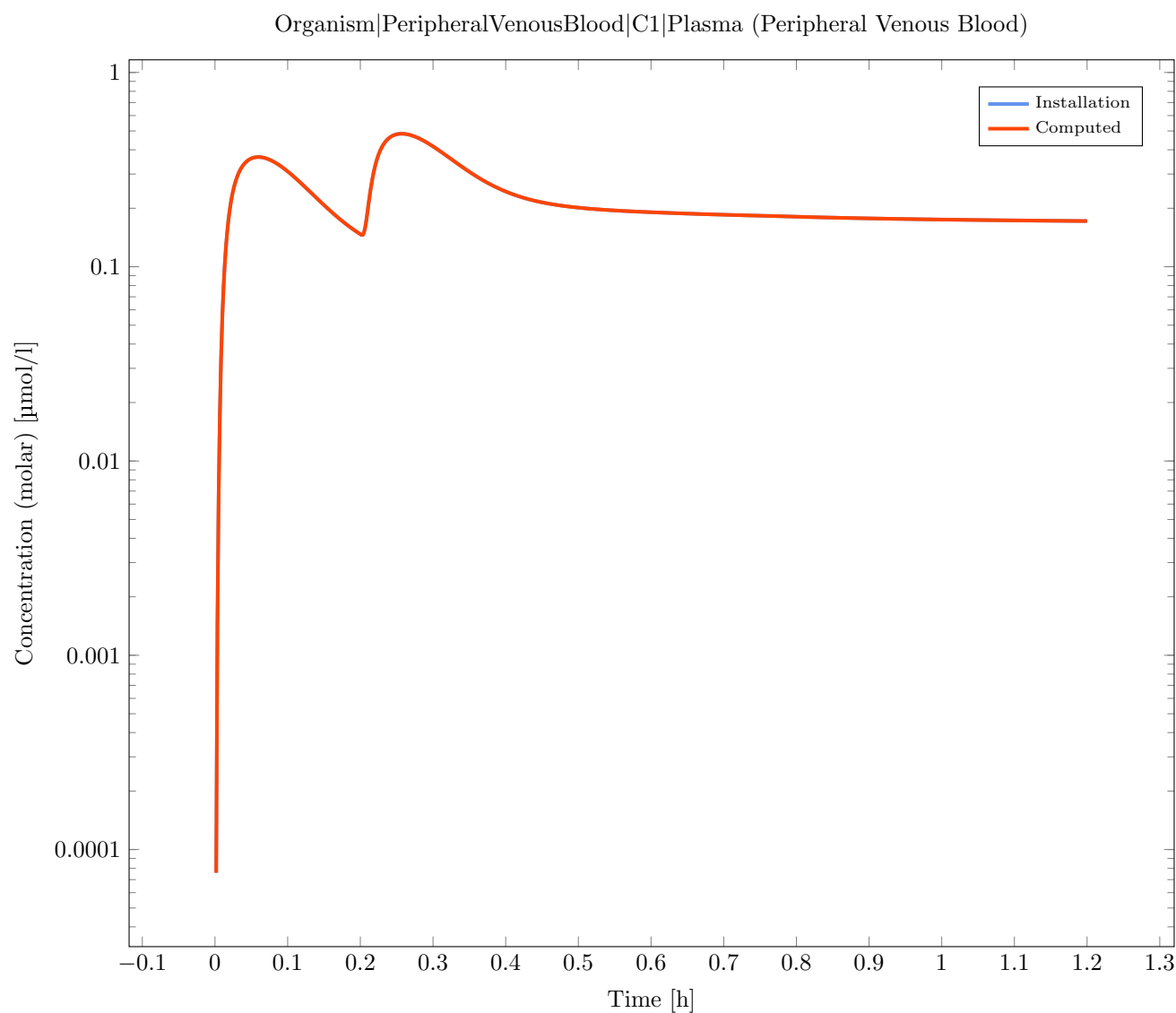


Figure 1.39

**Simulation:** Human\_SingleIV\_Configuration-Human\_SingleIV\_Configuration

Result of the validation: Valid

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

Deviation: 0

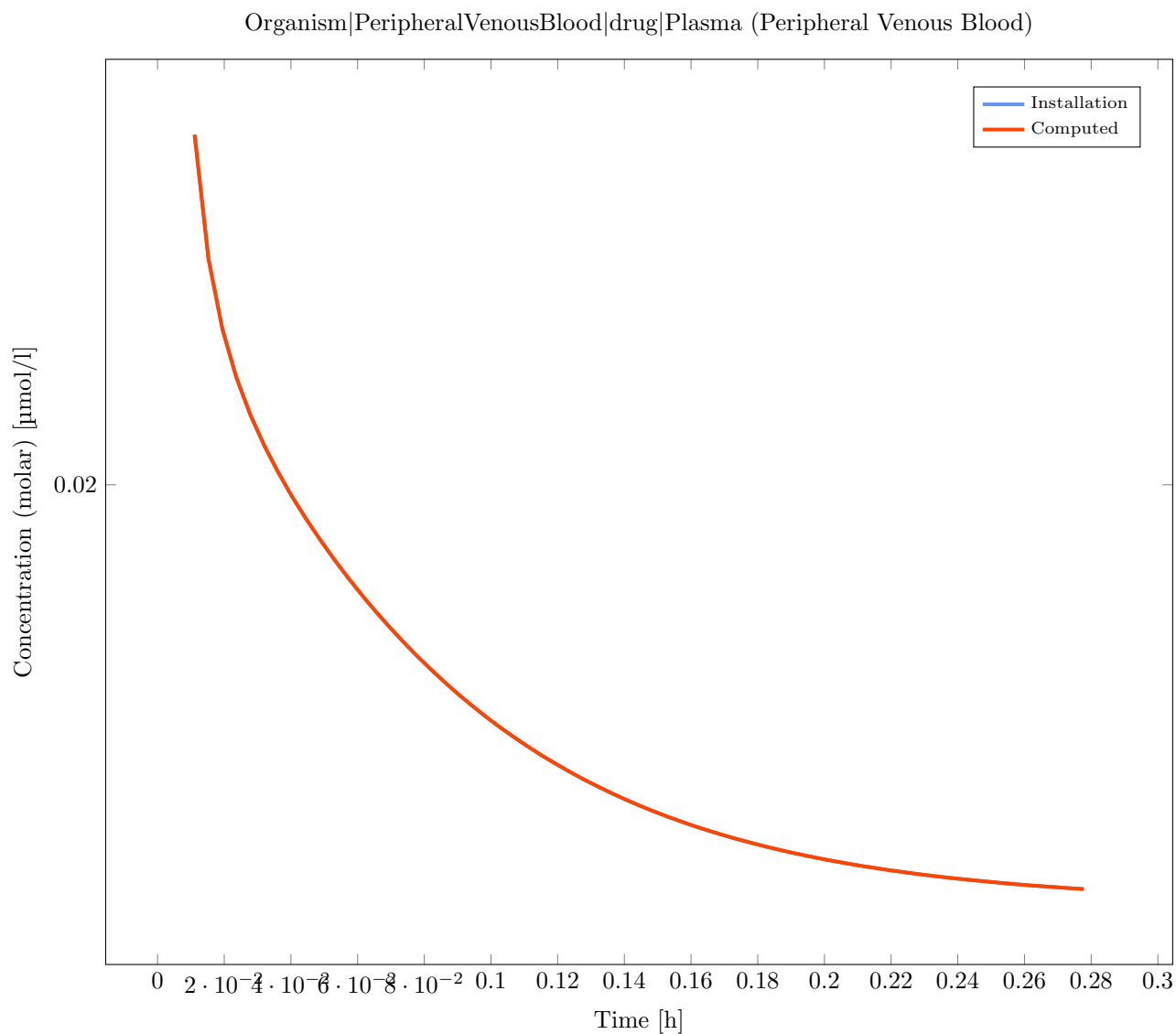


Figure 1.40

**Simulation:** Human\_SingleIV-Human\_SingleIV

Result of the validation: Valid

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

Deviation: 0

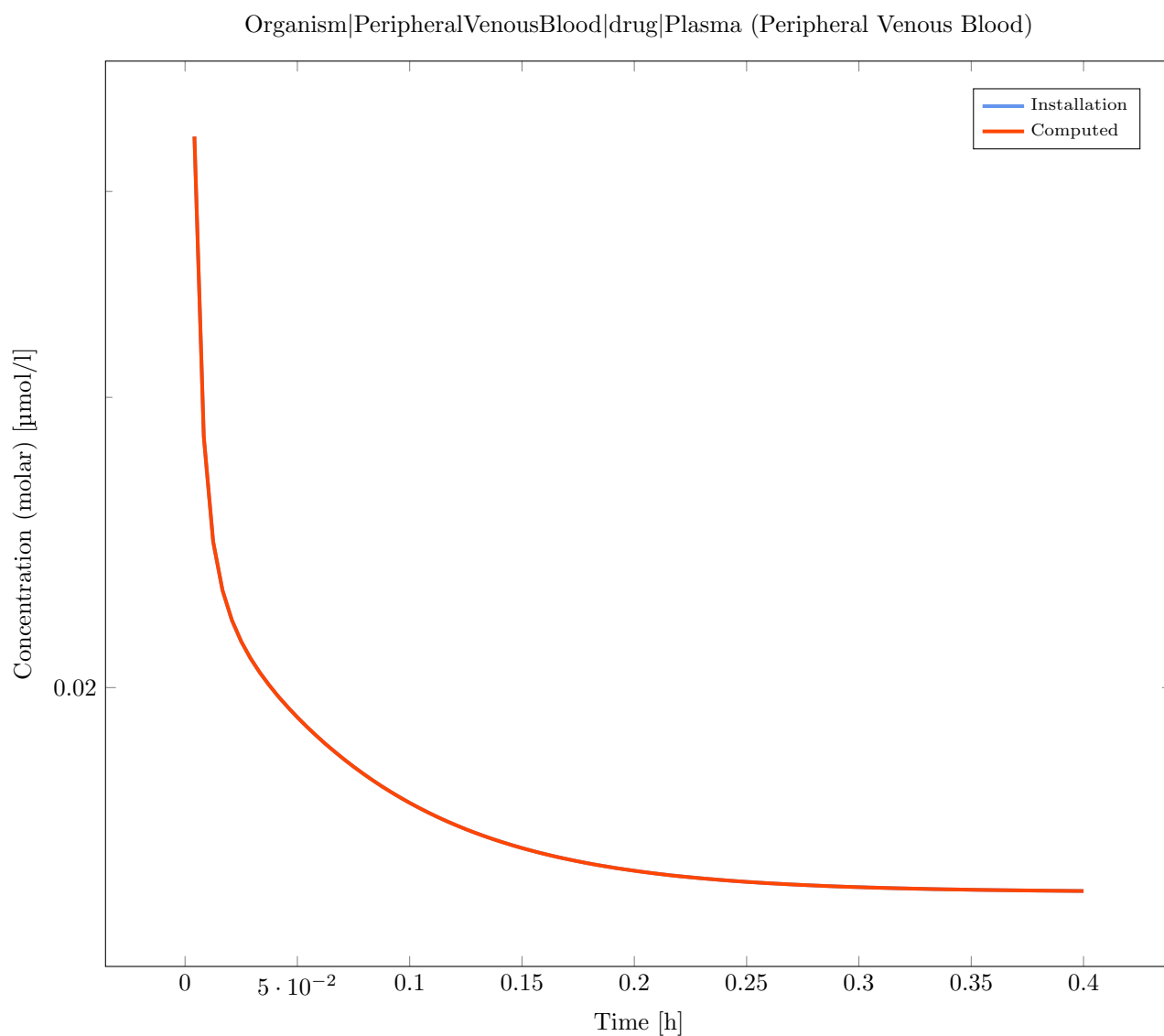


Figure 1.41

**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

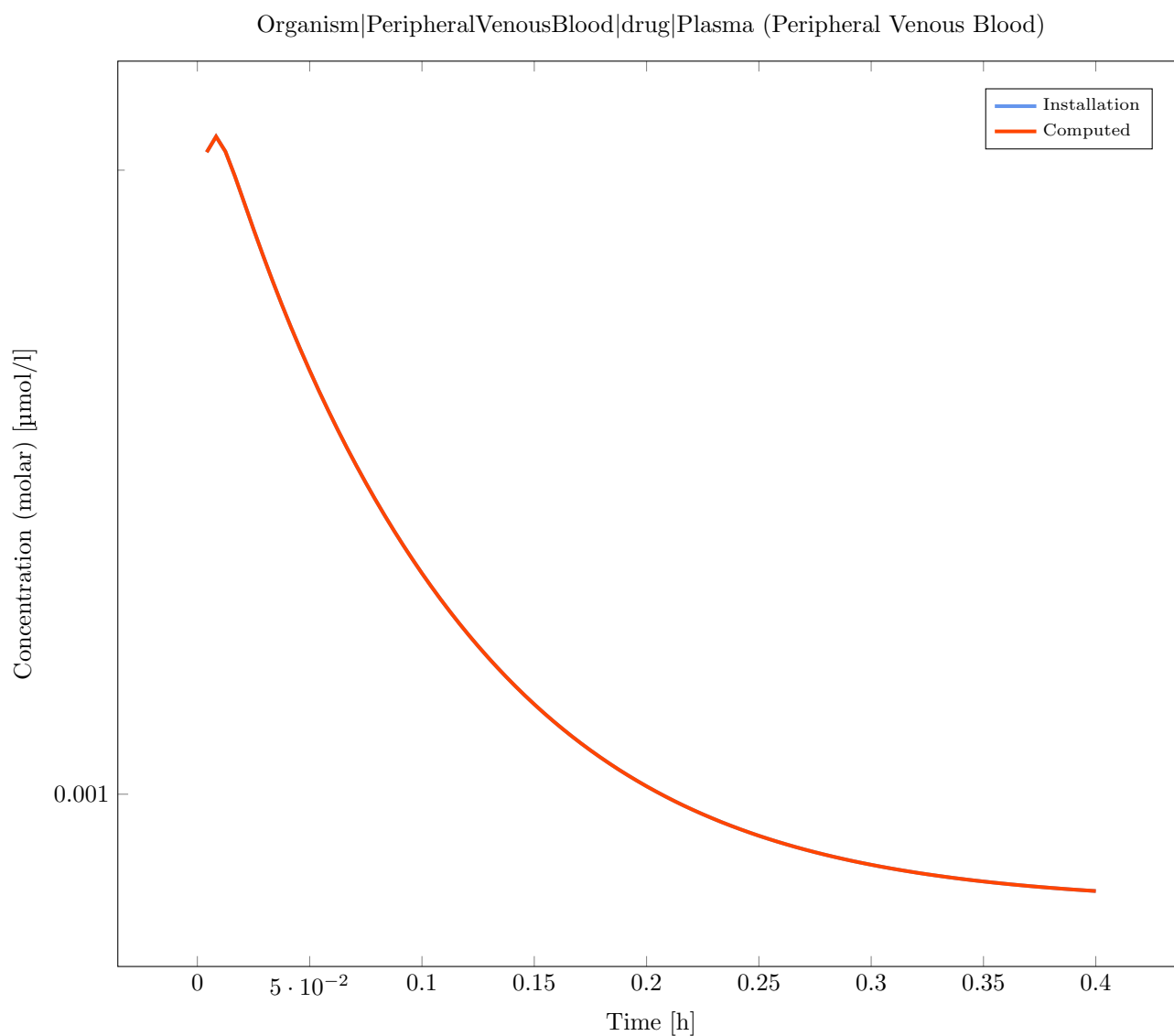


Figure 1.42

**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

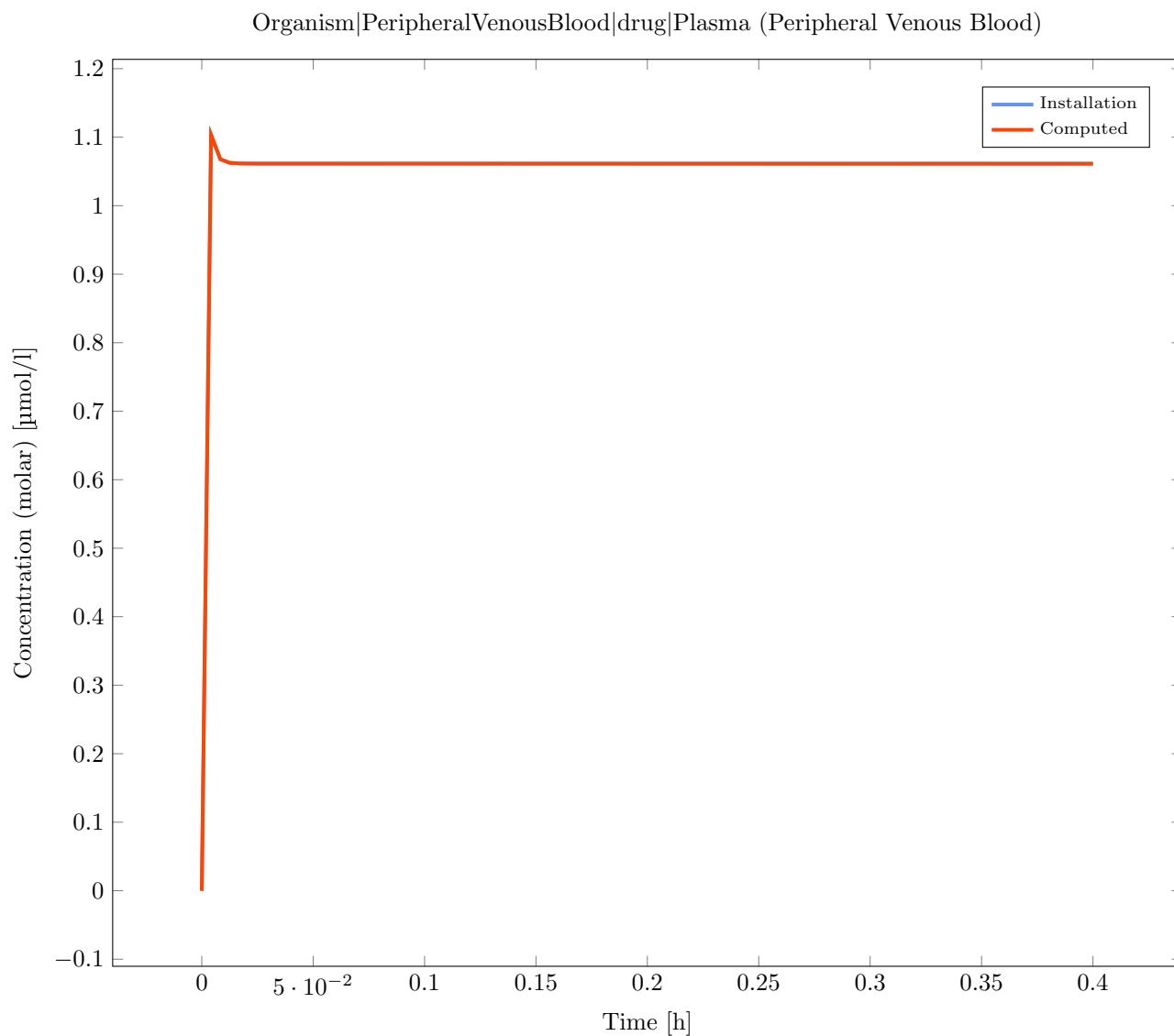


Figure 1.43

**Simulation:** Human\_SingleORAL\_Dissolved\_PlasmaClearance-Human\_SingleORAL\_Dissolved\_PlasmaClearance

Result of the validation: Valid

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

Deviation: 0

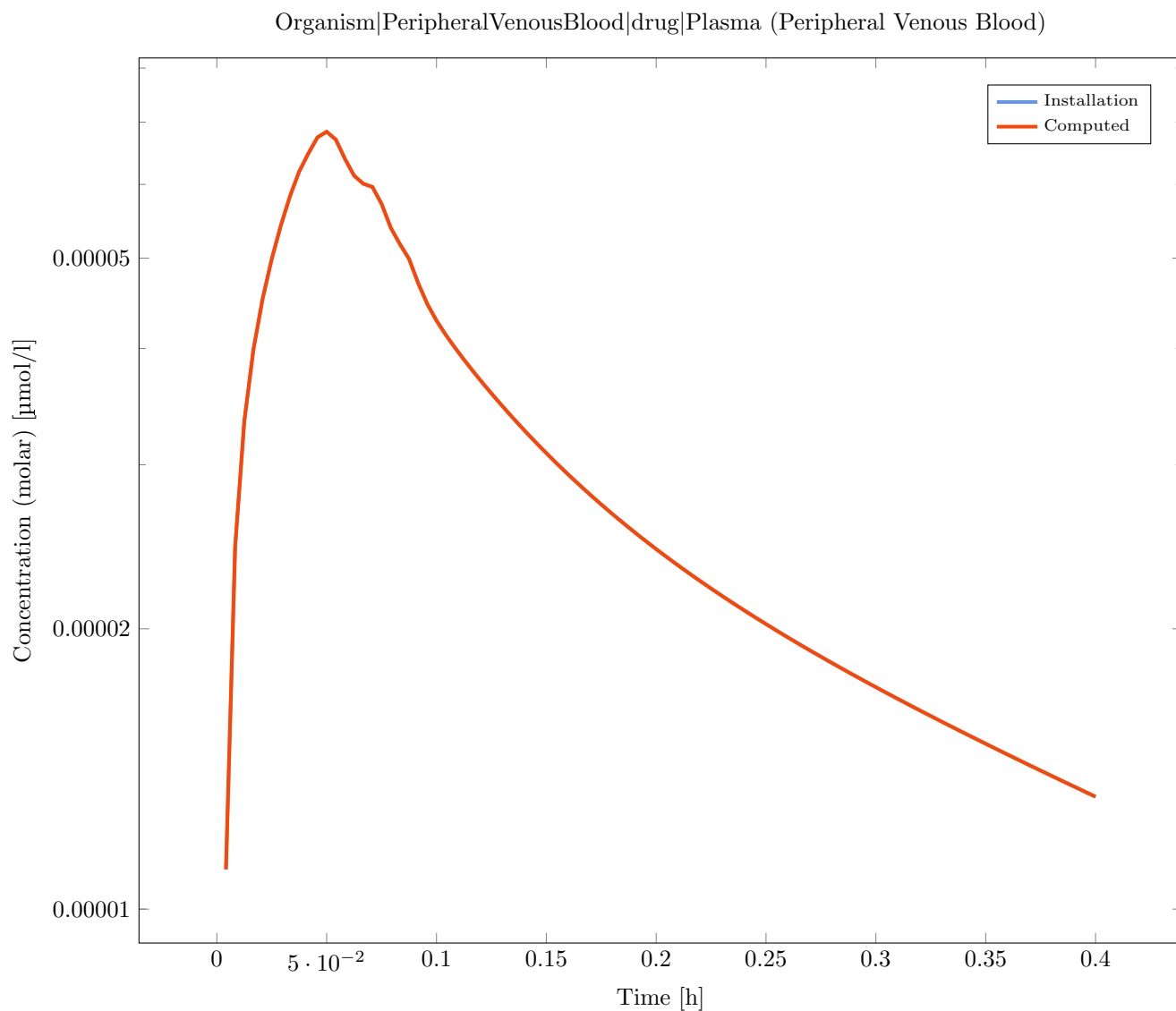


Figure 1.44

**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

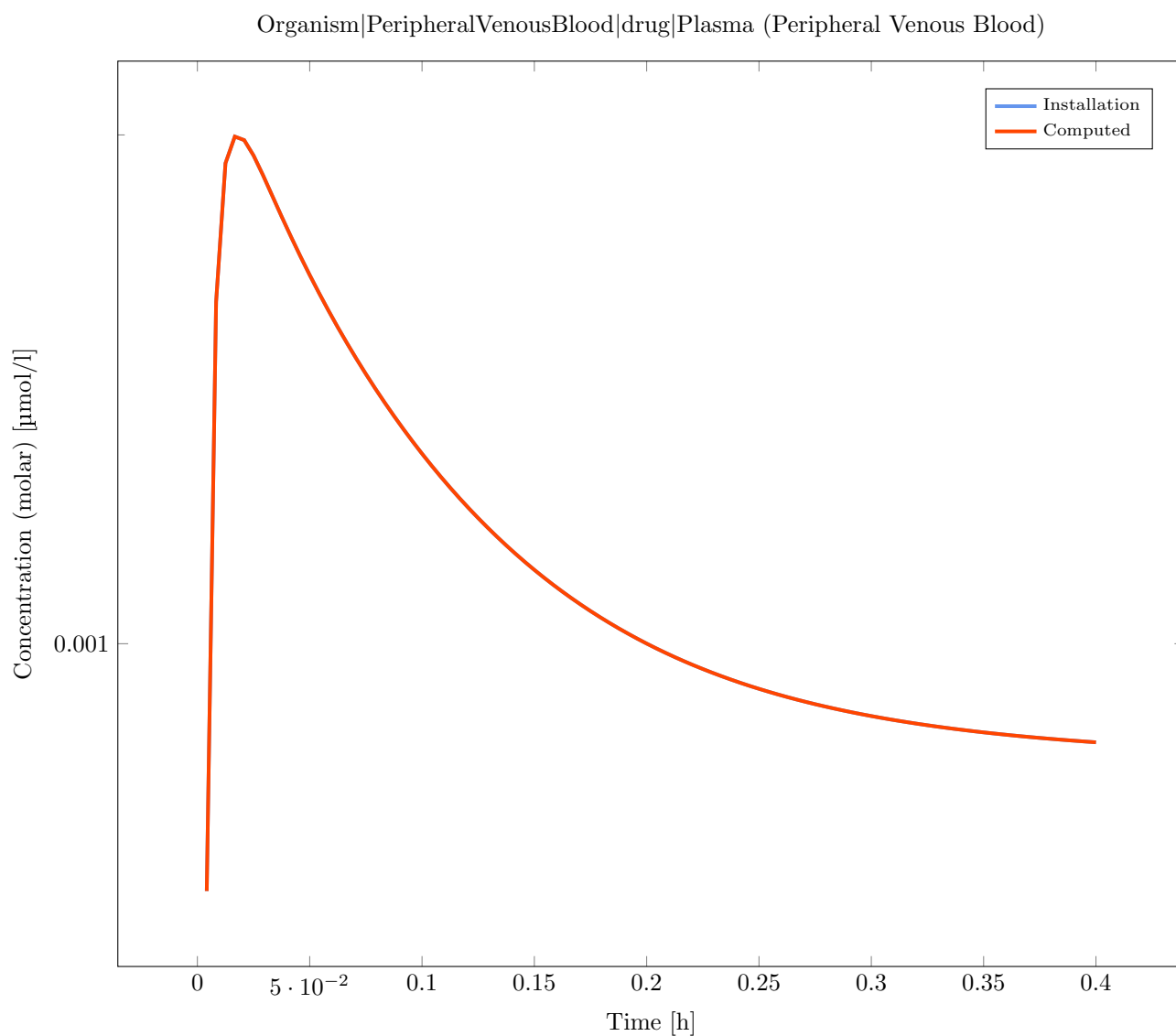


Figure 1.45

**Simulation:** Human\_SingleORAL\_Dissolved\_PlasmaClearance-Human\_SingleORAL\_Dissolved\_PlasmaClearance  
MW\_800\_fu\_0.6\_LogP\_-5

Result of the validation: Valid

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

Deviation: 0



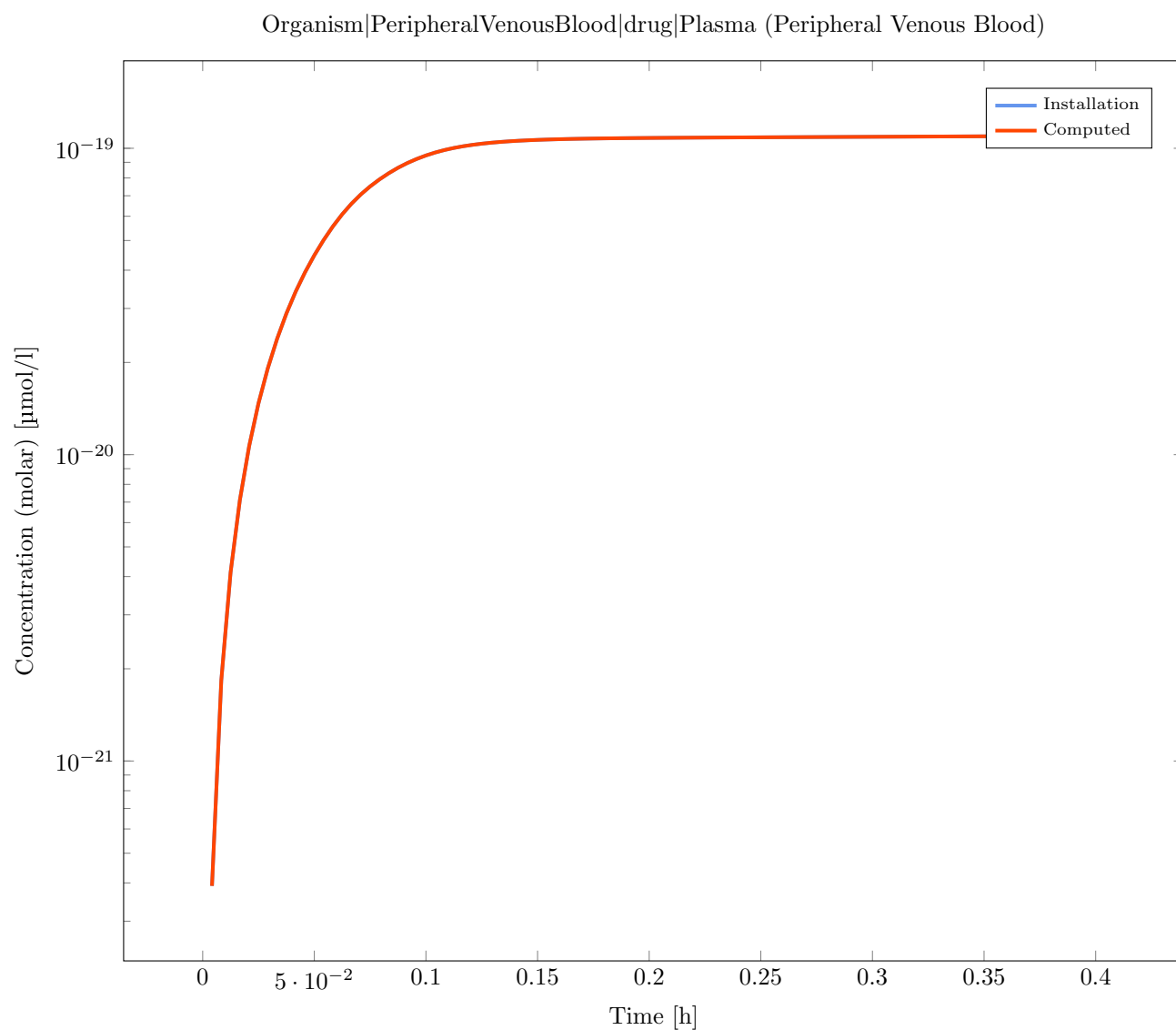


Figure 1.46

**Simulation:** Human\_SingleORAL\_Dissolved-Human\_SingleORAL\_Dissolved

Result of the validation: Valid

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

Deviation: 0

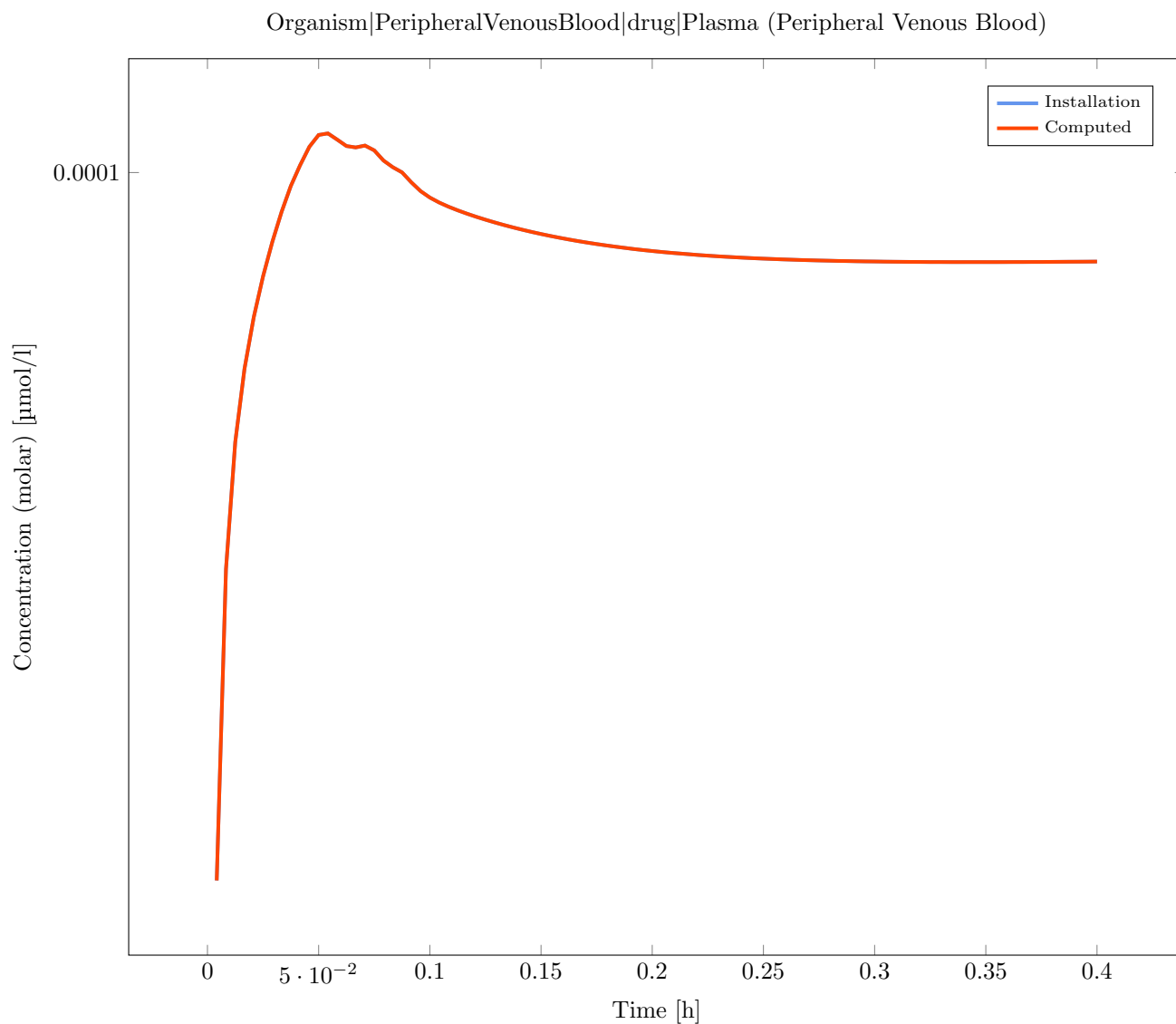


Figure 1.47

**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

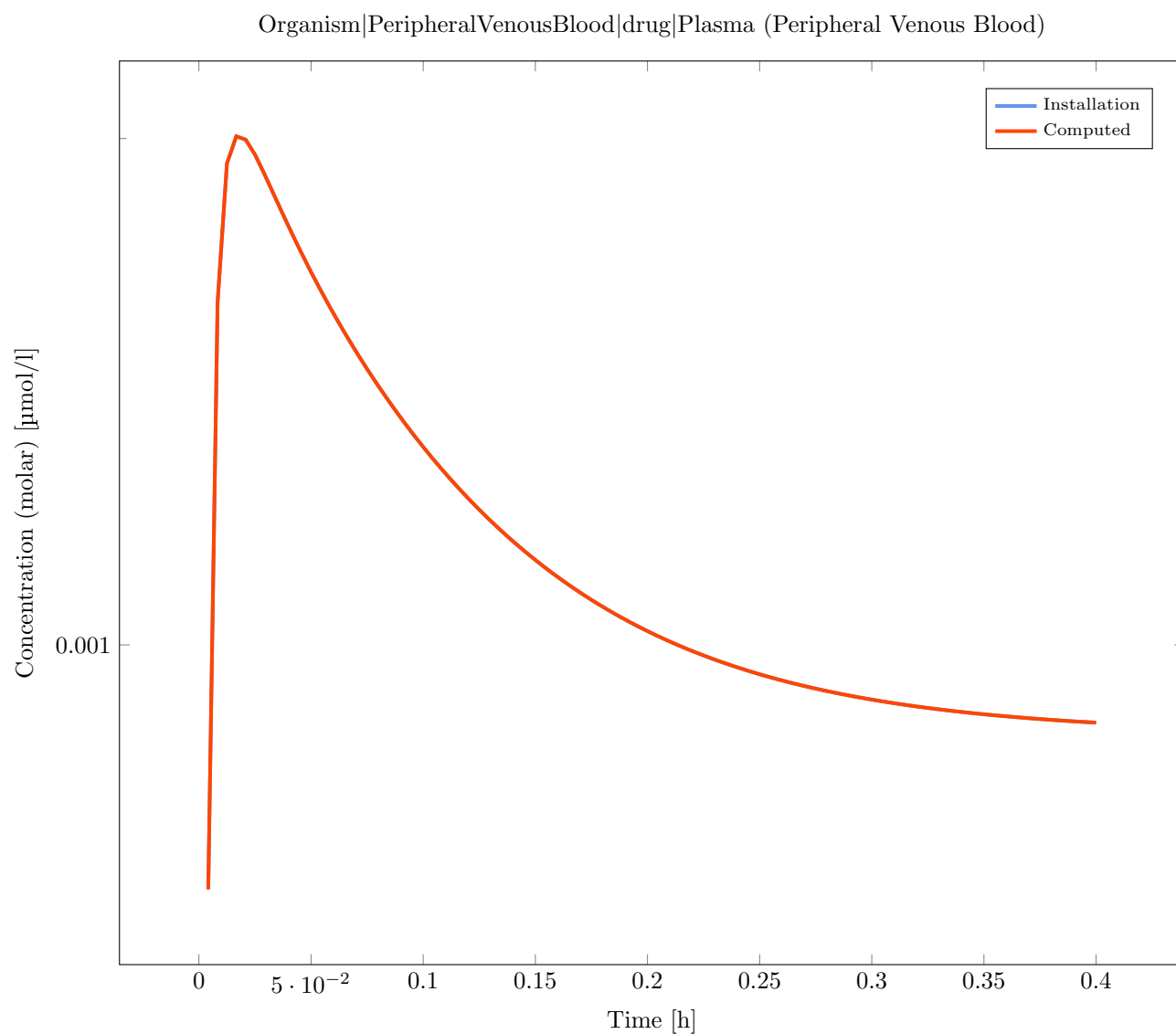


Figure 1.48

**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

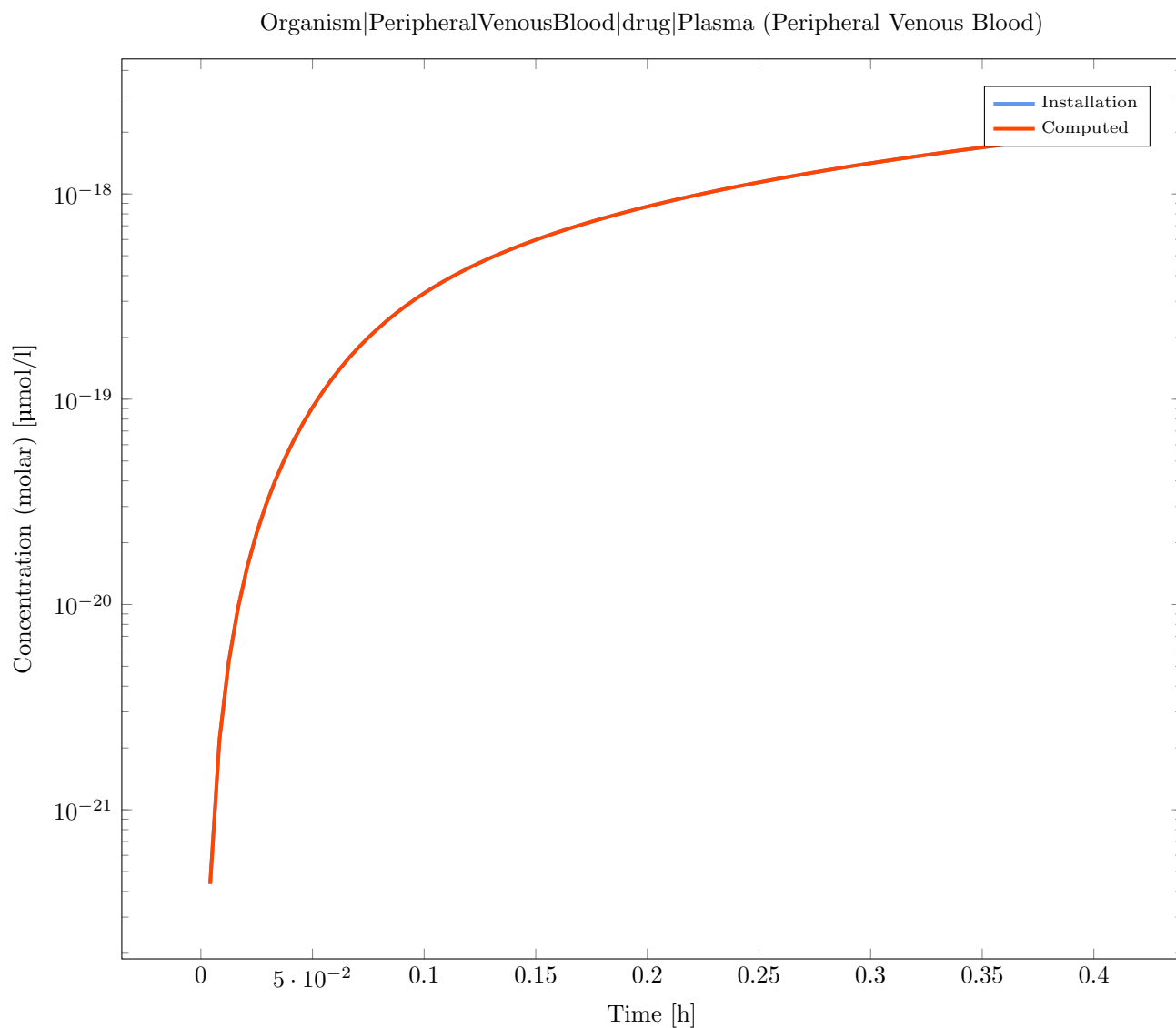


Figure 1.49

**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

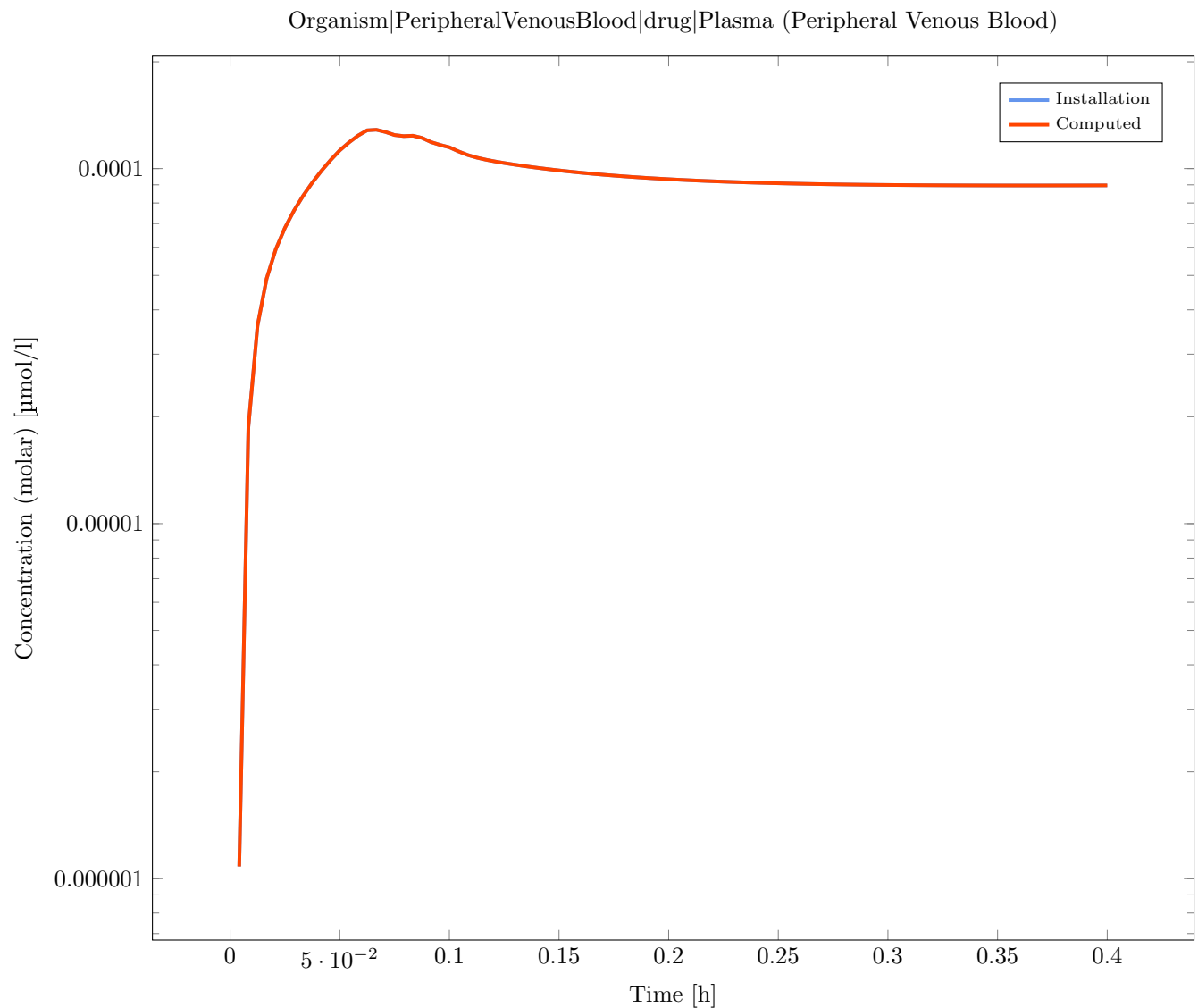


Figure 1.50

**Simulation:** Human\_SingleORAL\_Lint80-Human\_SingleORAL\_Lint80

Result of the validation: Valid

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

Deviation: 0

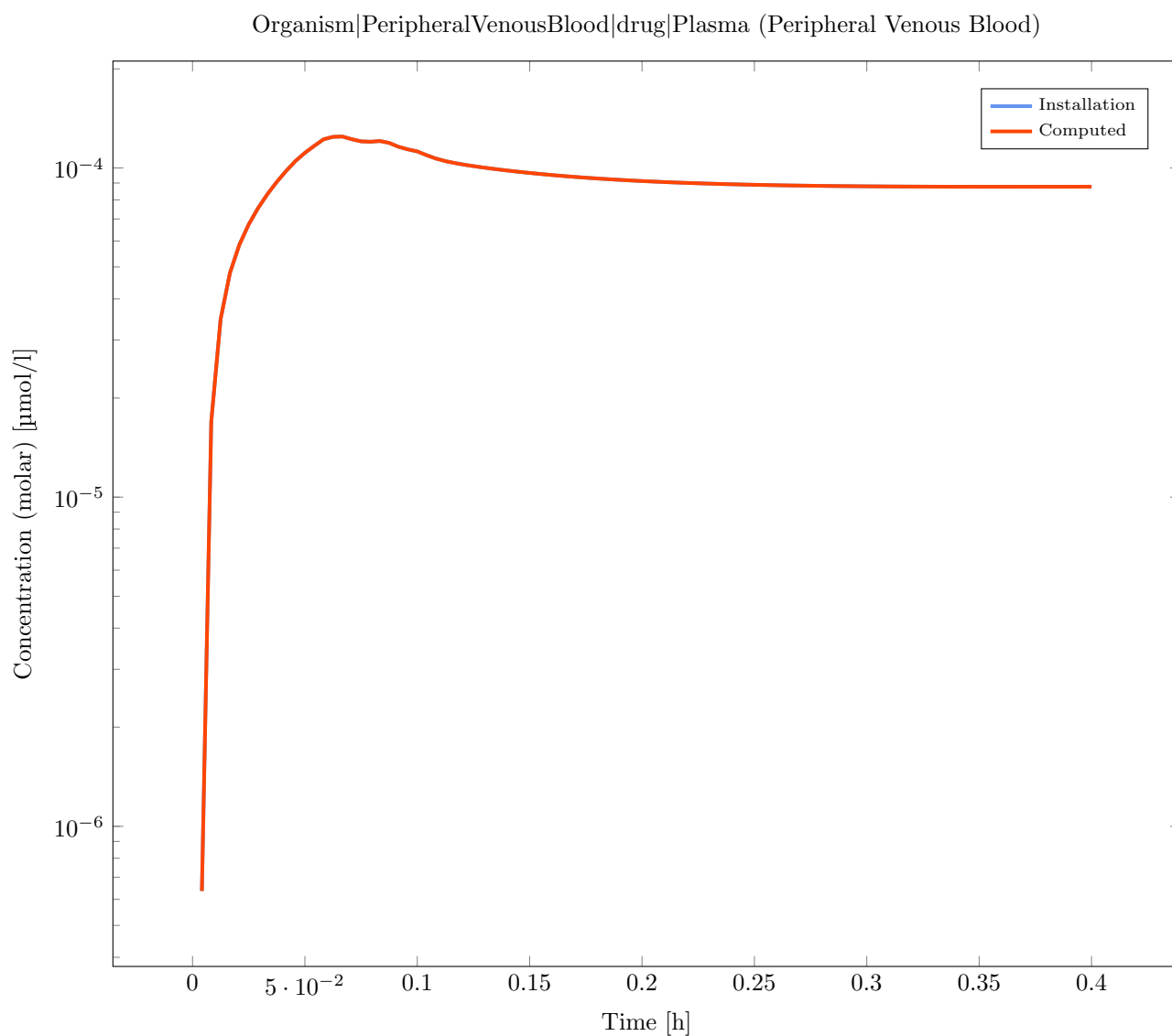


Figure 1.51

**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

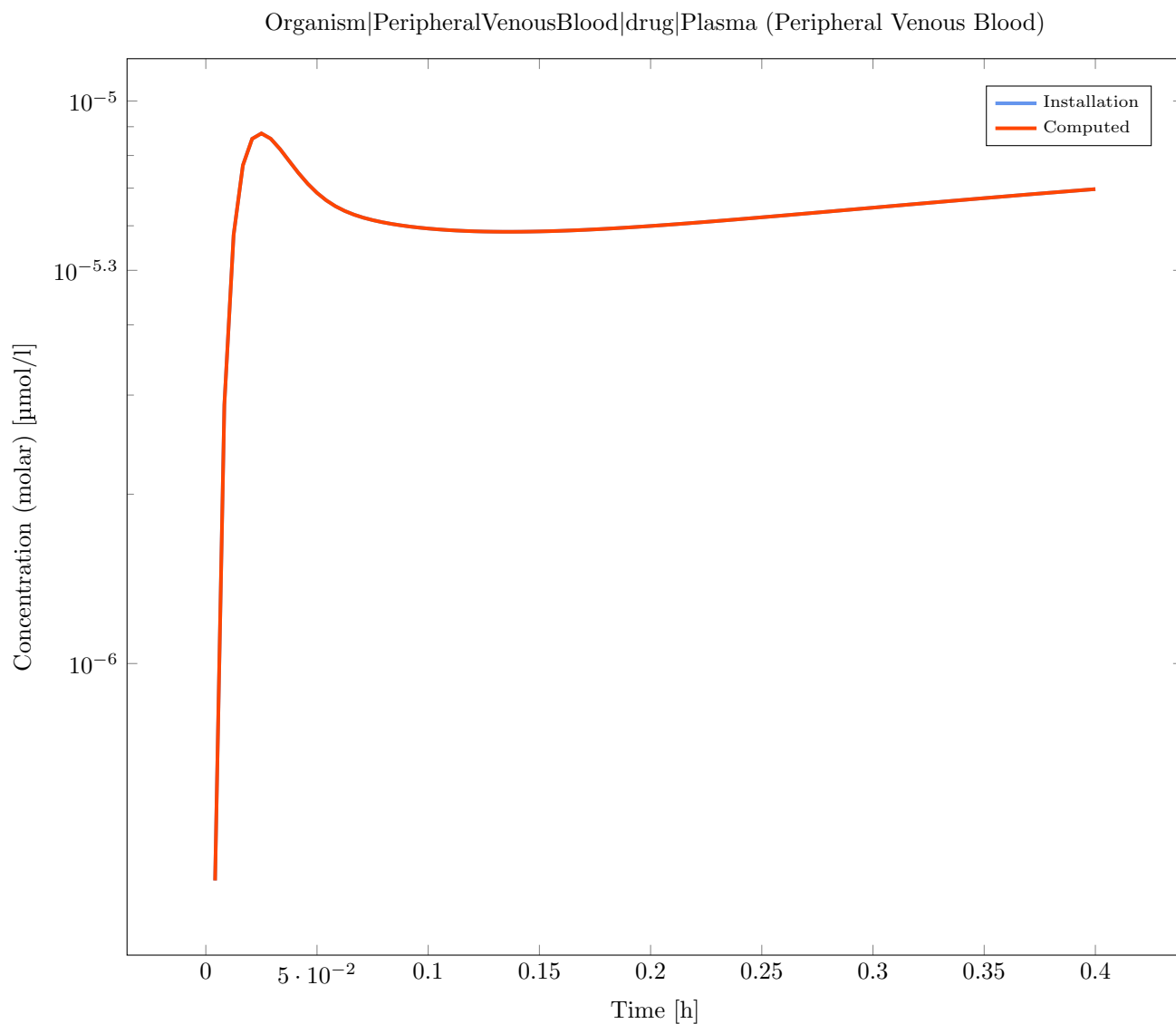


Figure 1.52

**Simulation:** Human\_SingleORAL\_PolyParticlesLogNormal\_AsSuspention-Human\_SingleORAL\_PolyParticlesLogNormal\_AsSuspention

Result of the validation: Valid

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

Deviation: 0

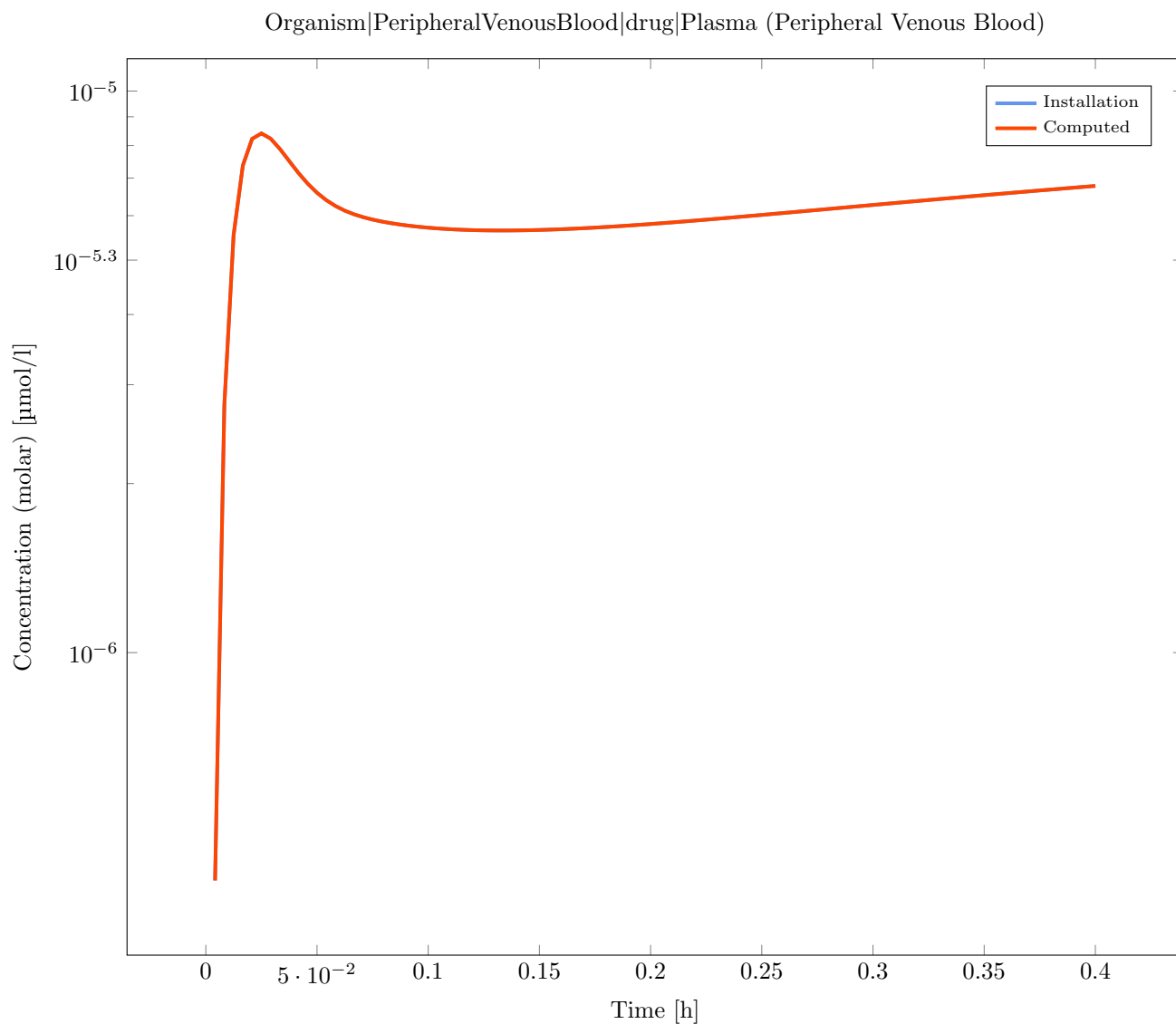


Figure 1.53

**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



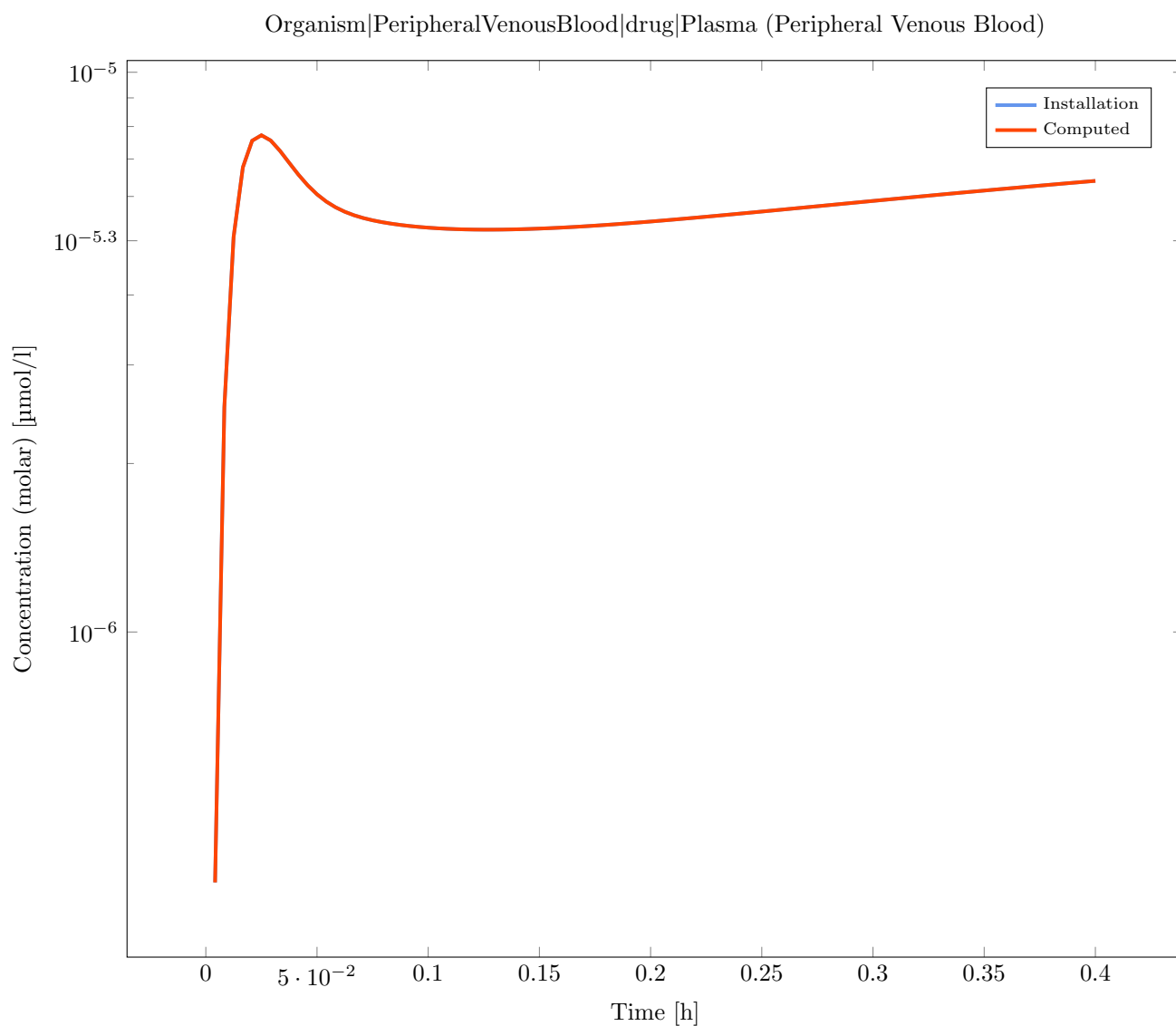


Figure 1.54

**Simulation:** Human\_SingleORAL\_PolyParticlesNormal\_AsSuspention-Human\_SingleORAL\_PolyParticlesNormal\_AsSuspention\_dissolved\_radius

Result of the validation: Valid

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

Deviation: 0

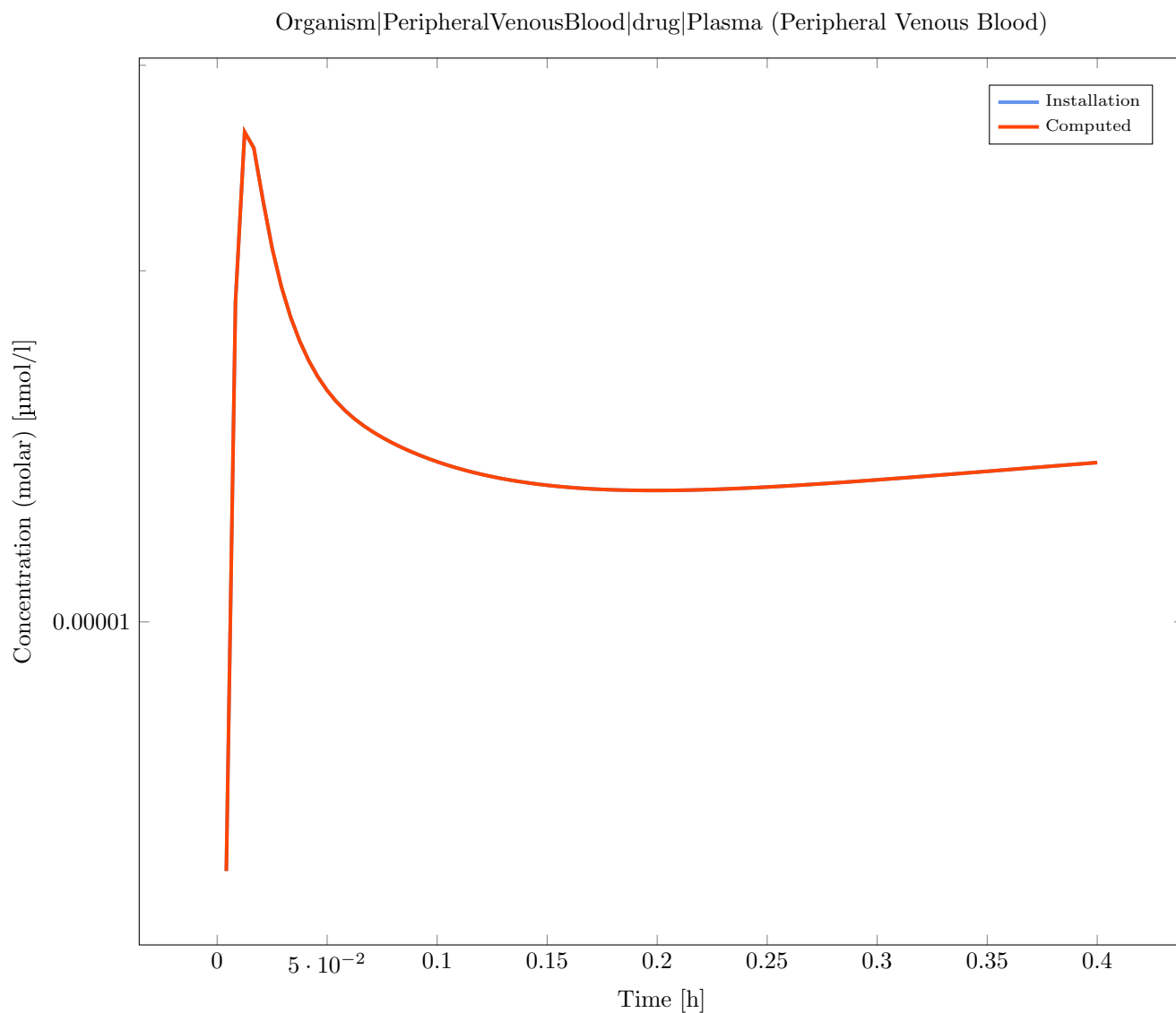


Figure 1.55

**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

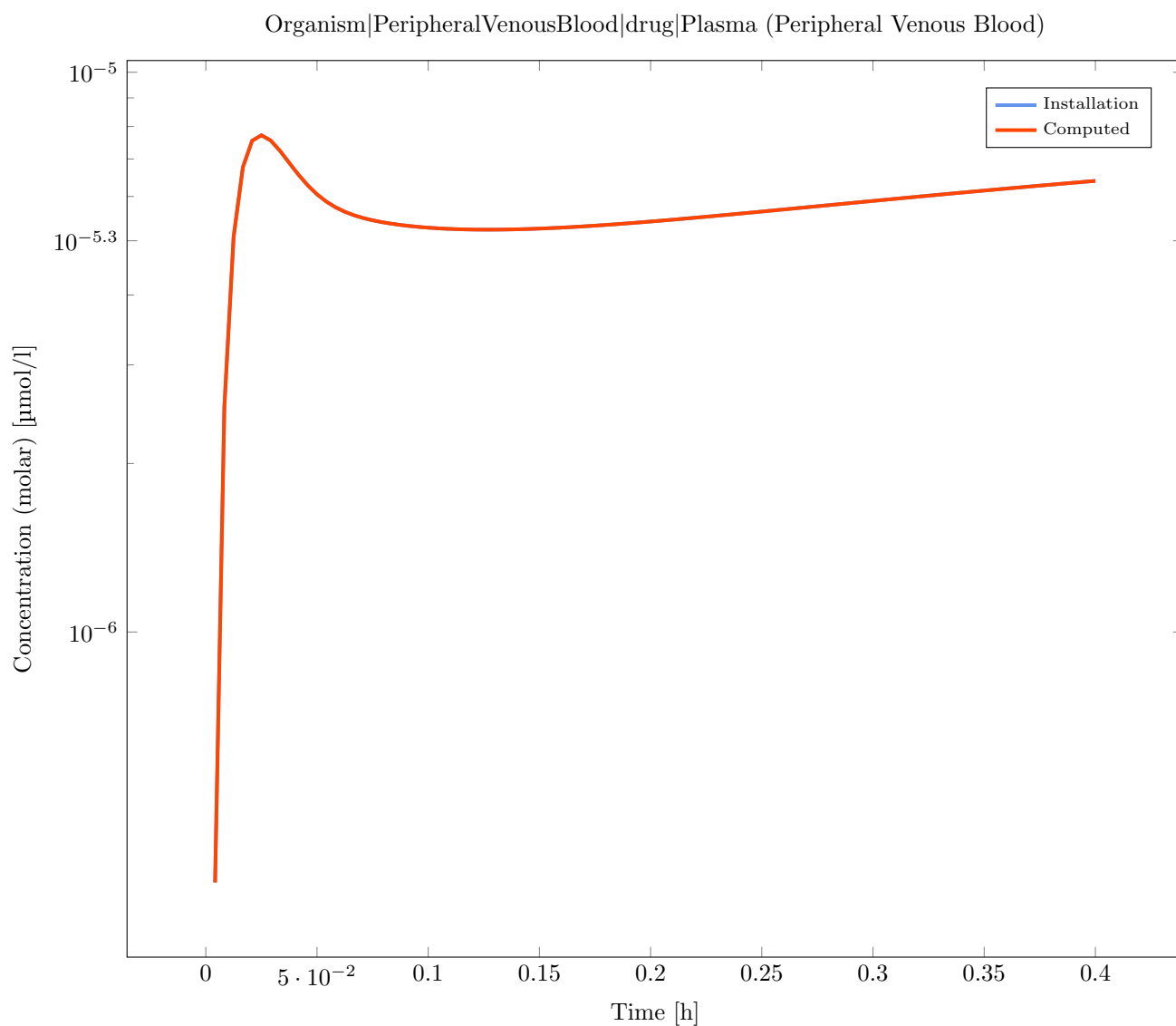


Figure 1.56

**Simulation:** Human\_SingleORAL\_Weibull\_AsSuspention-Human\_SingleORAL\_Weibull\_AsSuspention

Result of the validation: Valid

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

Deviation: 0

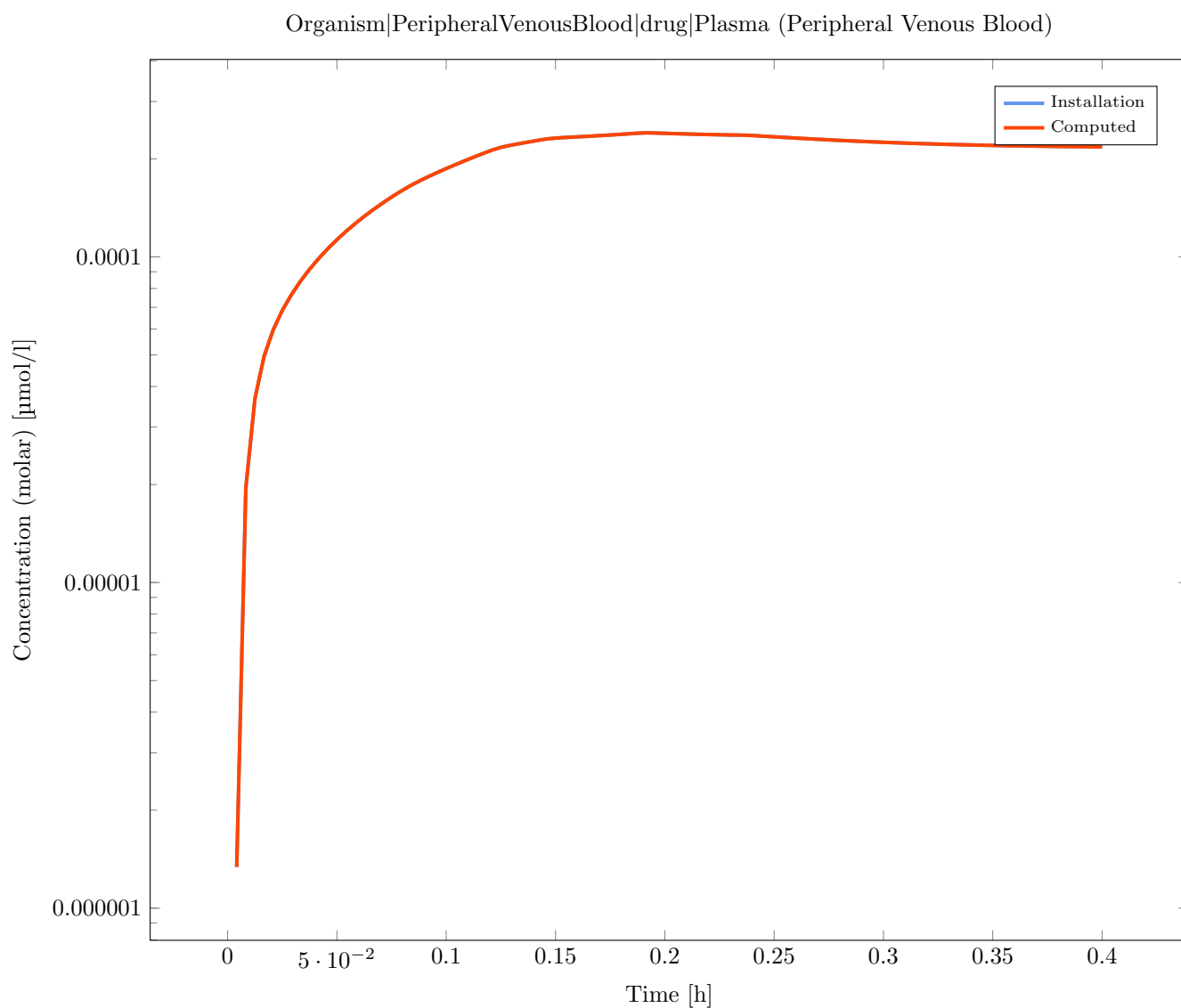


Figure 1.57

**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: 0

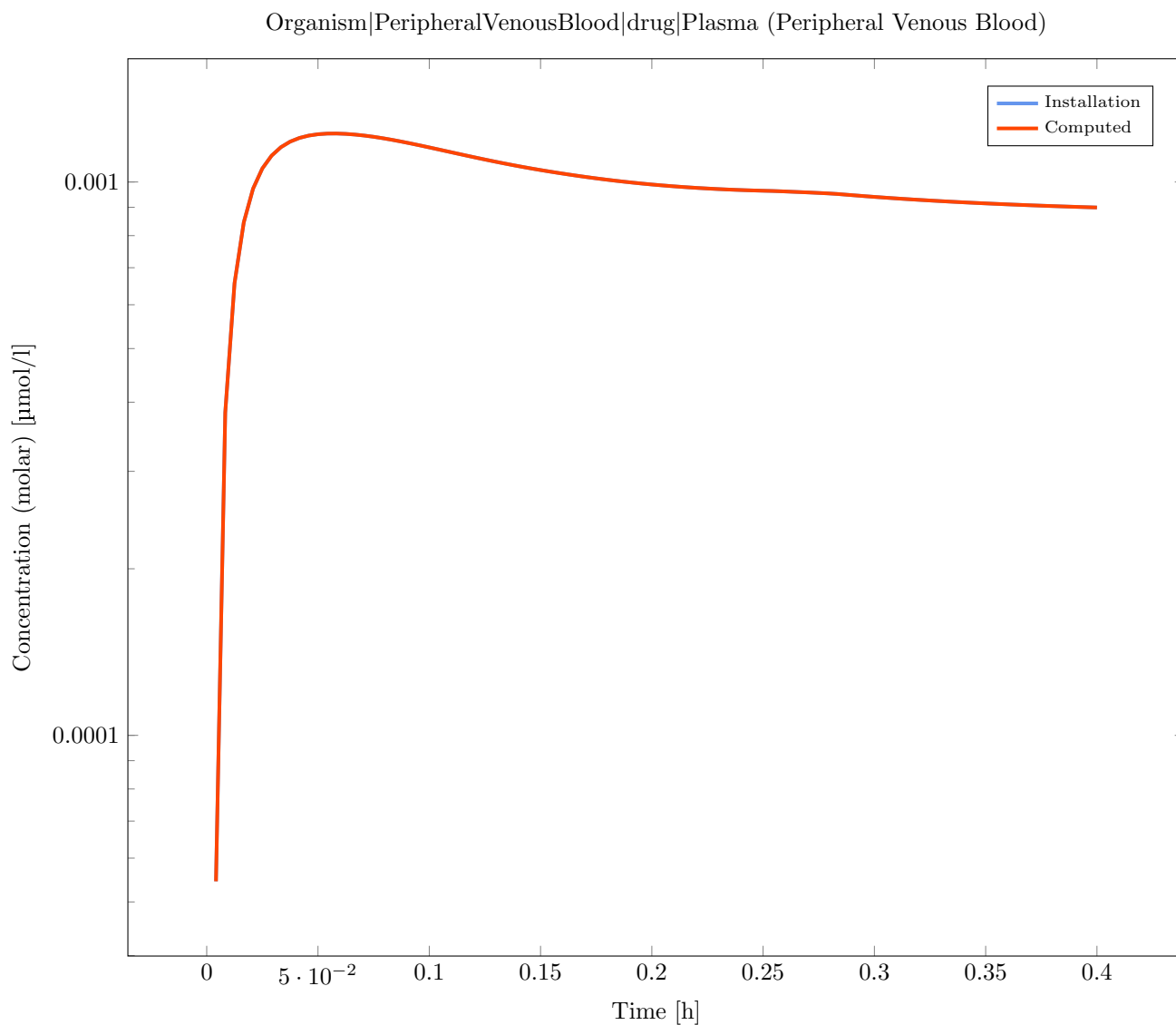


Figure 1.58

**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

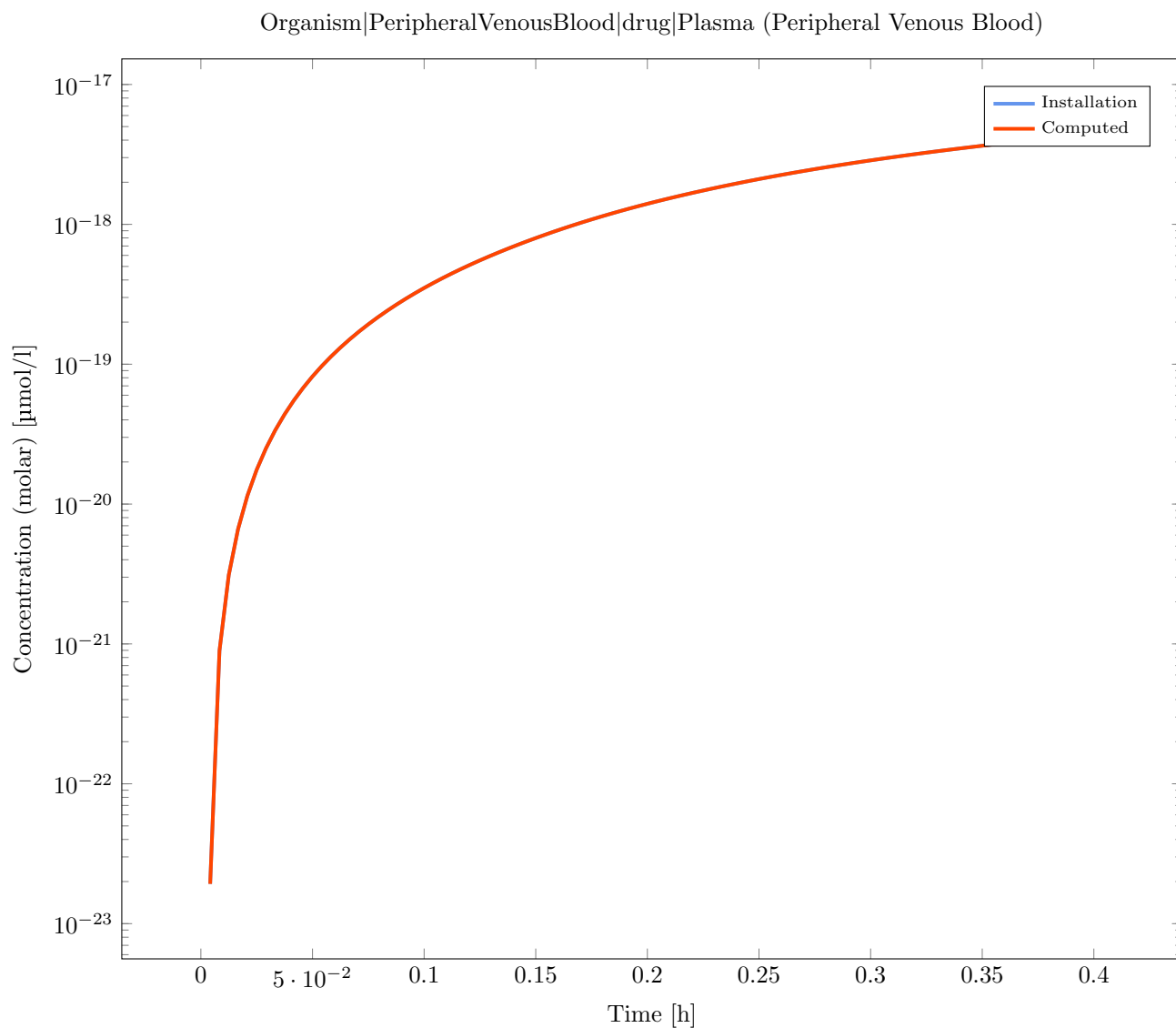


Figure 1.59

**Simulation:** Human\_SingleORAL\_Weibull-Human\_SingleORAL\_Weibull

Result of the validation: Valid

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

Deviation: 0

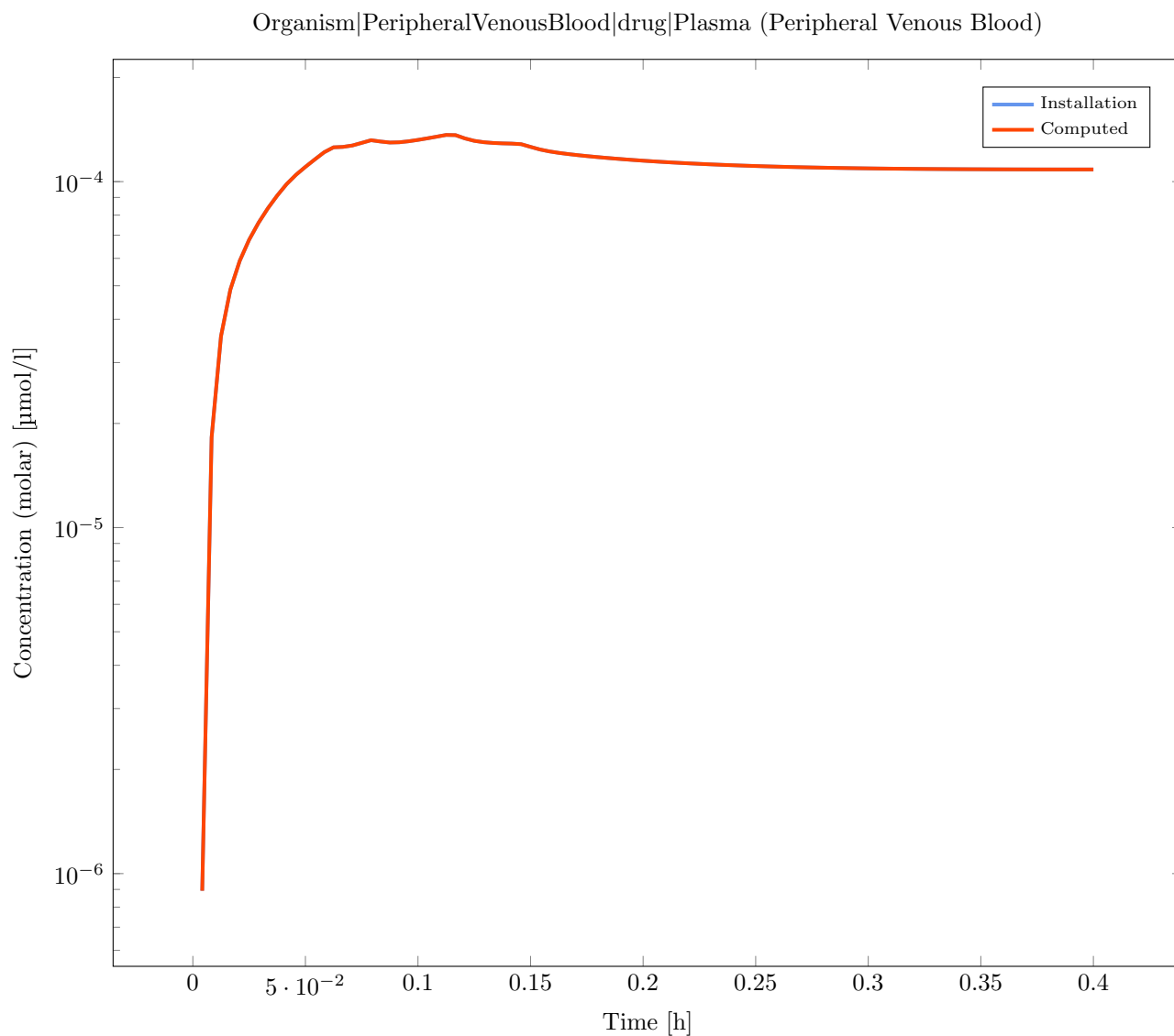


Figure 1.60

**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: 0

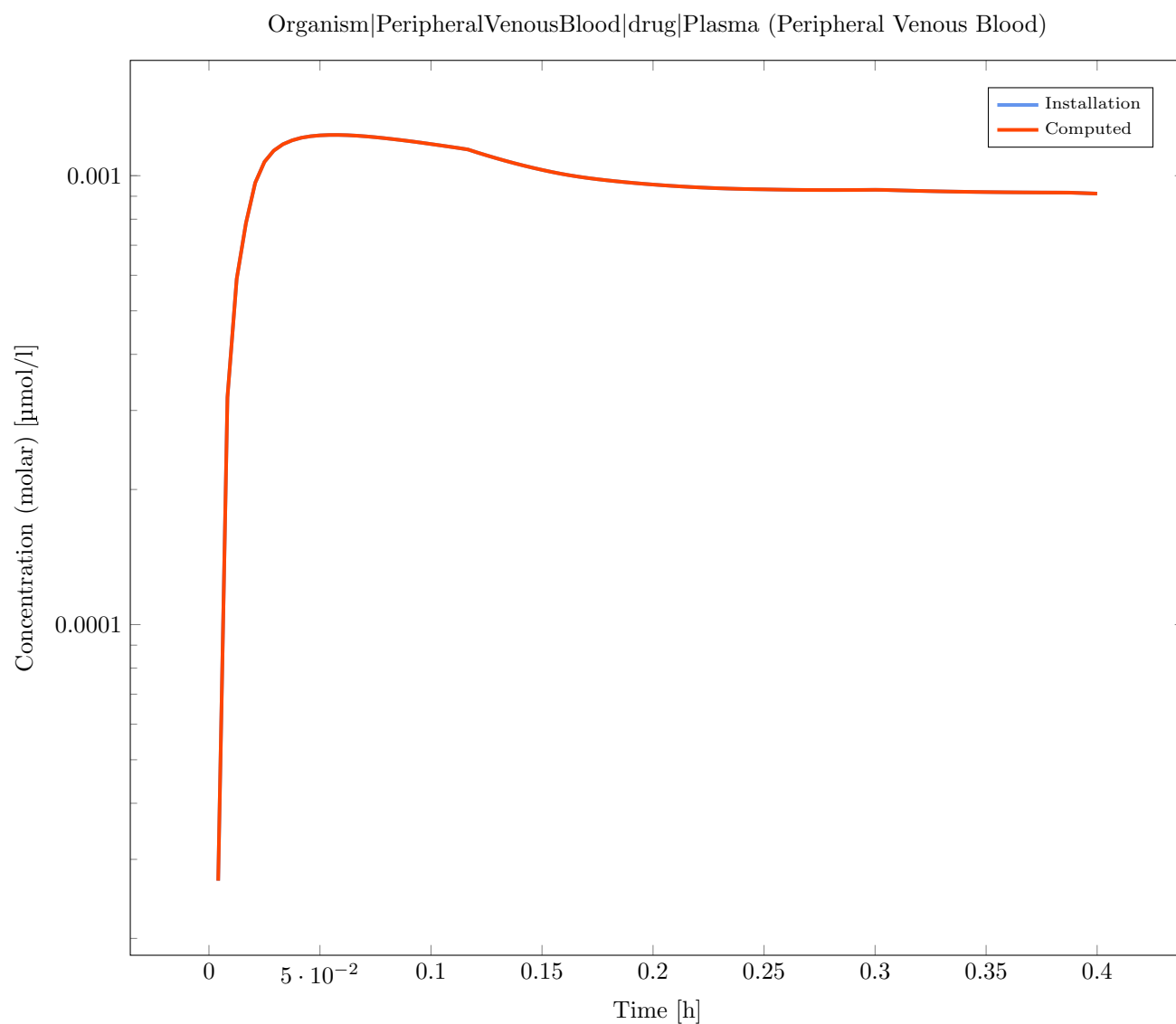


Figure 1.61

**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



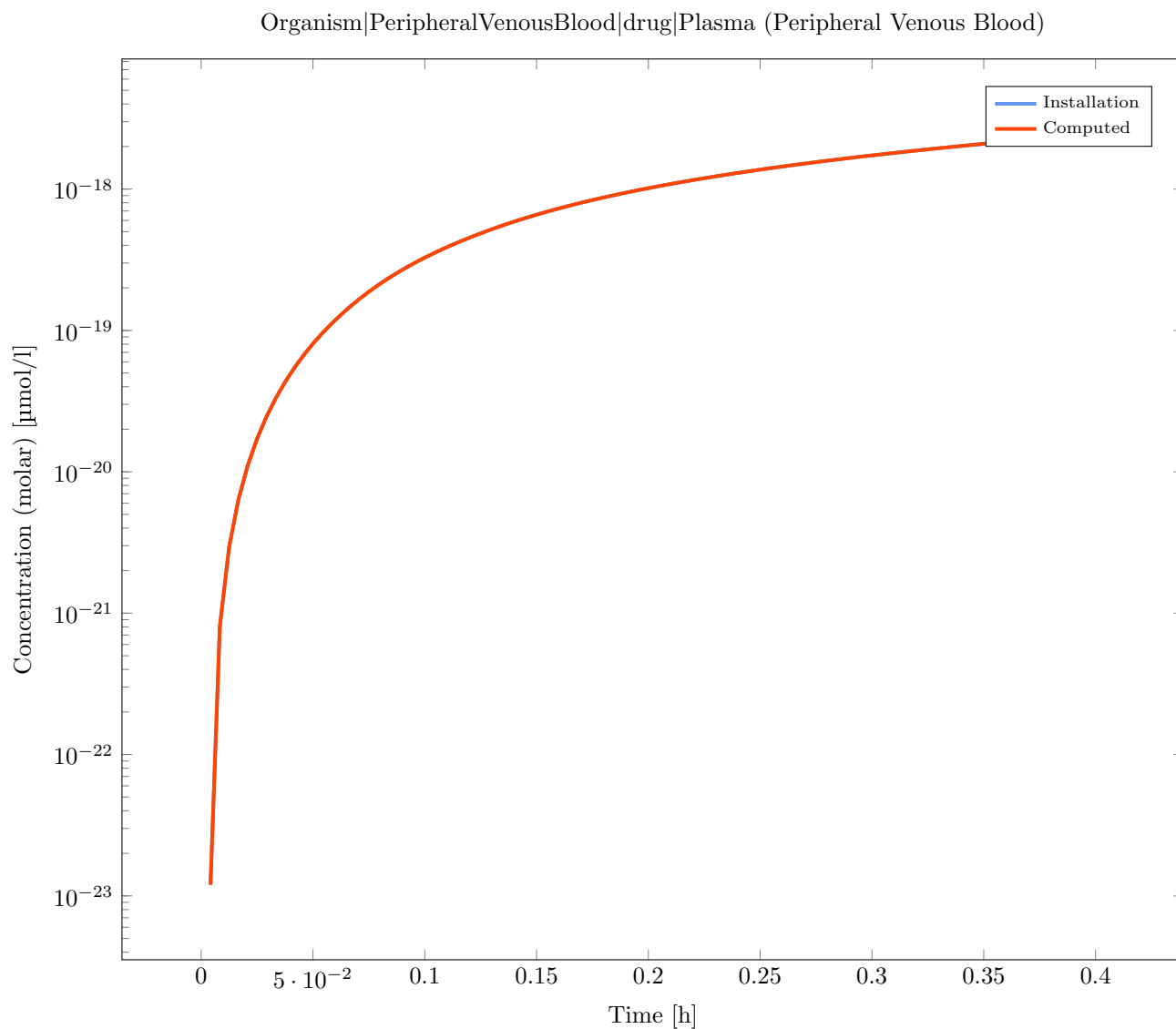


Figure 1.62

**Simulation:** Human\_UncompetitiveInhibition-Human\_UncompetitiveInhibition

Result of the validation: Valid

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

Deviation: 0

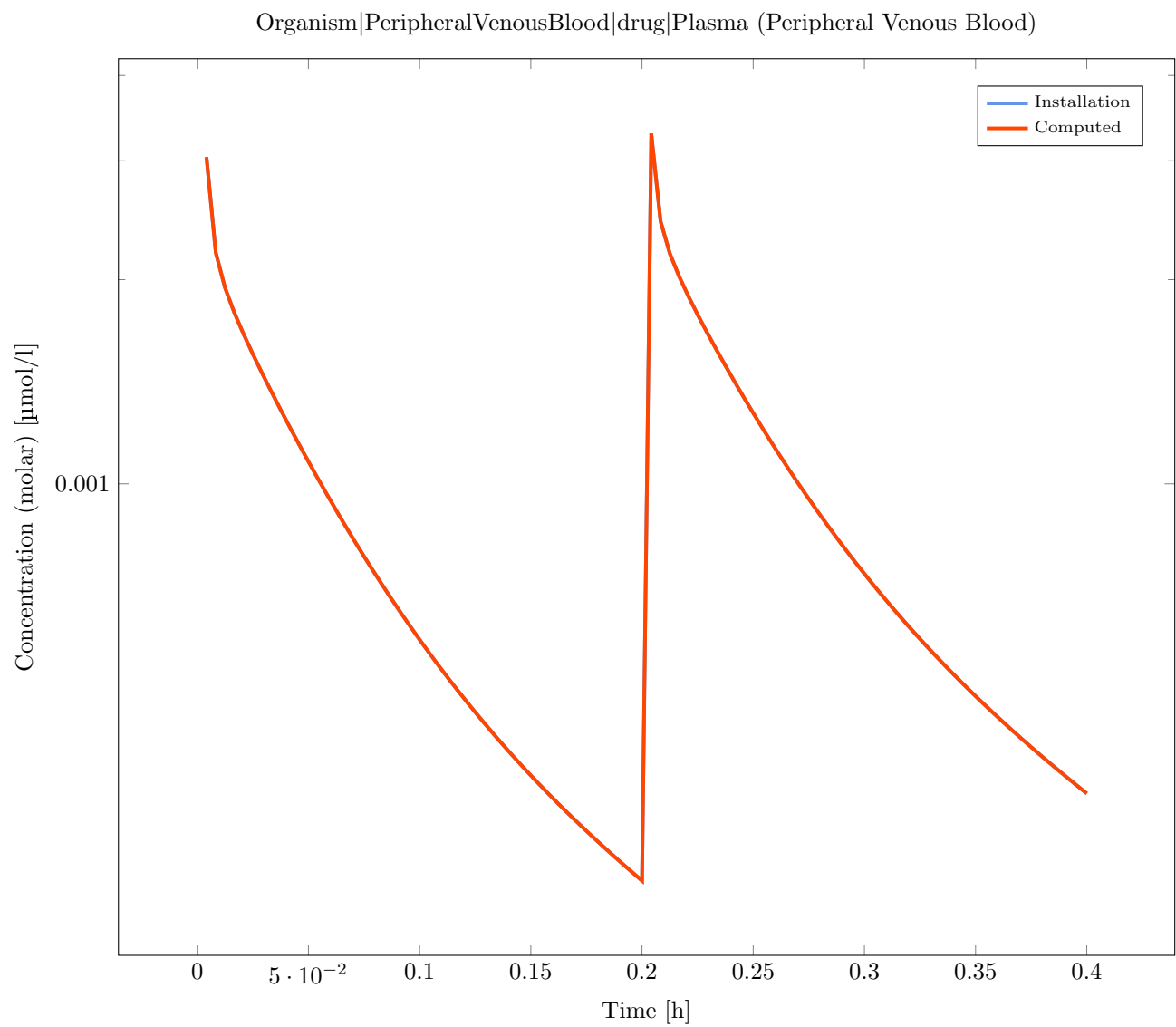


Figure 1.63

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

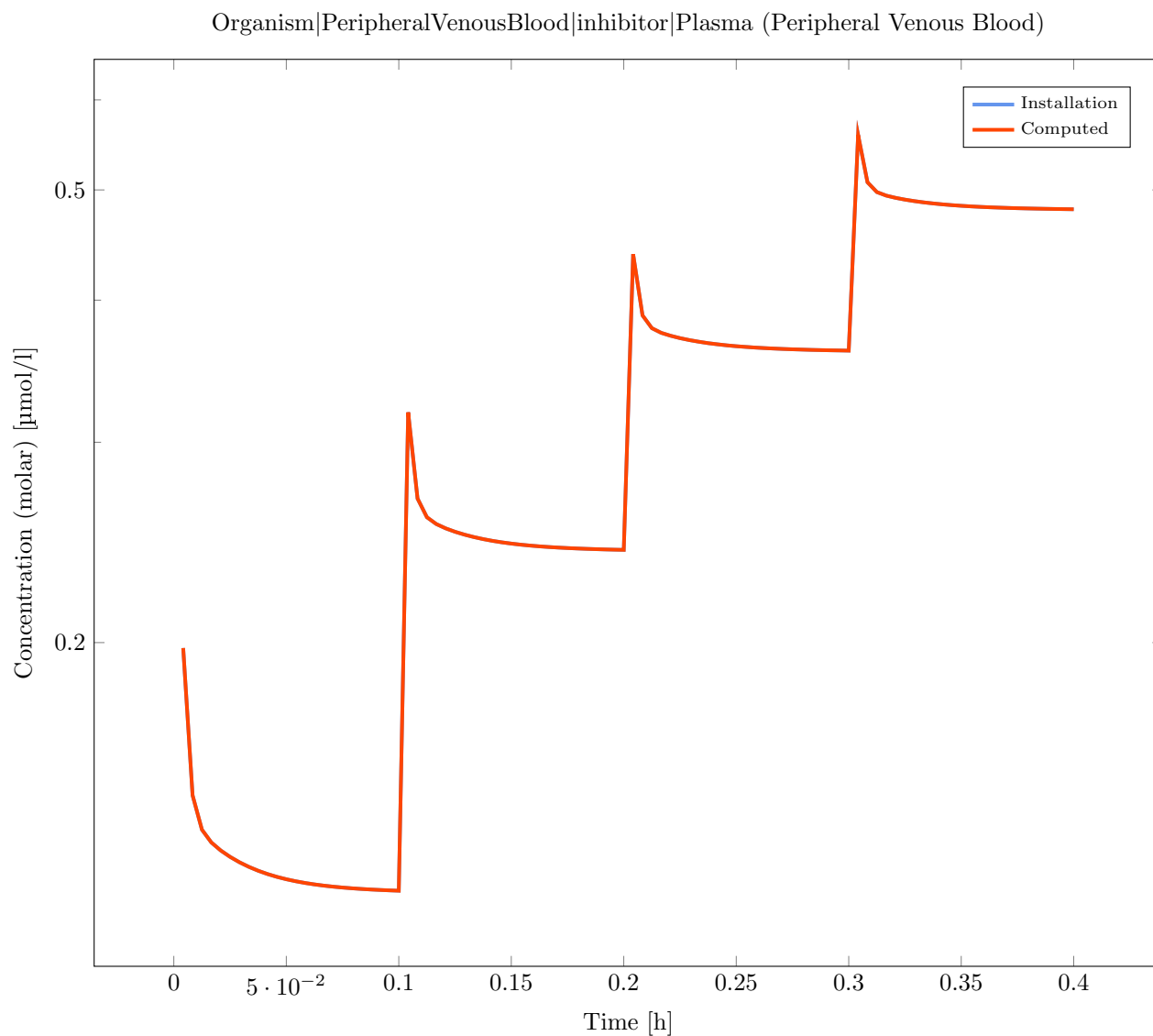


Figure 1.64

**Simulation:** Minipig\_SingleORAL\_Dissolved-Minipig\_SingleORAL\_Dissolved

Result of the validation: Valid

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

Deviation: 0

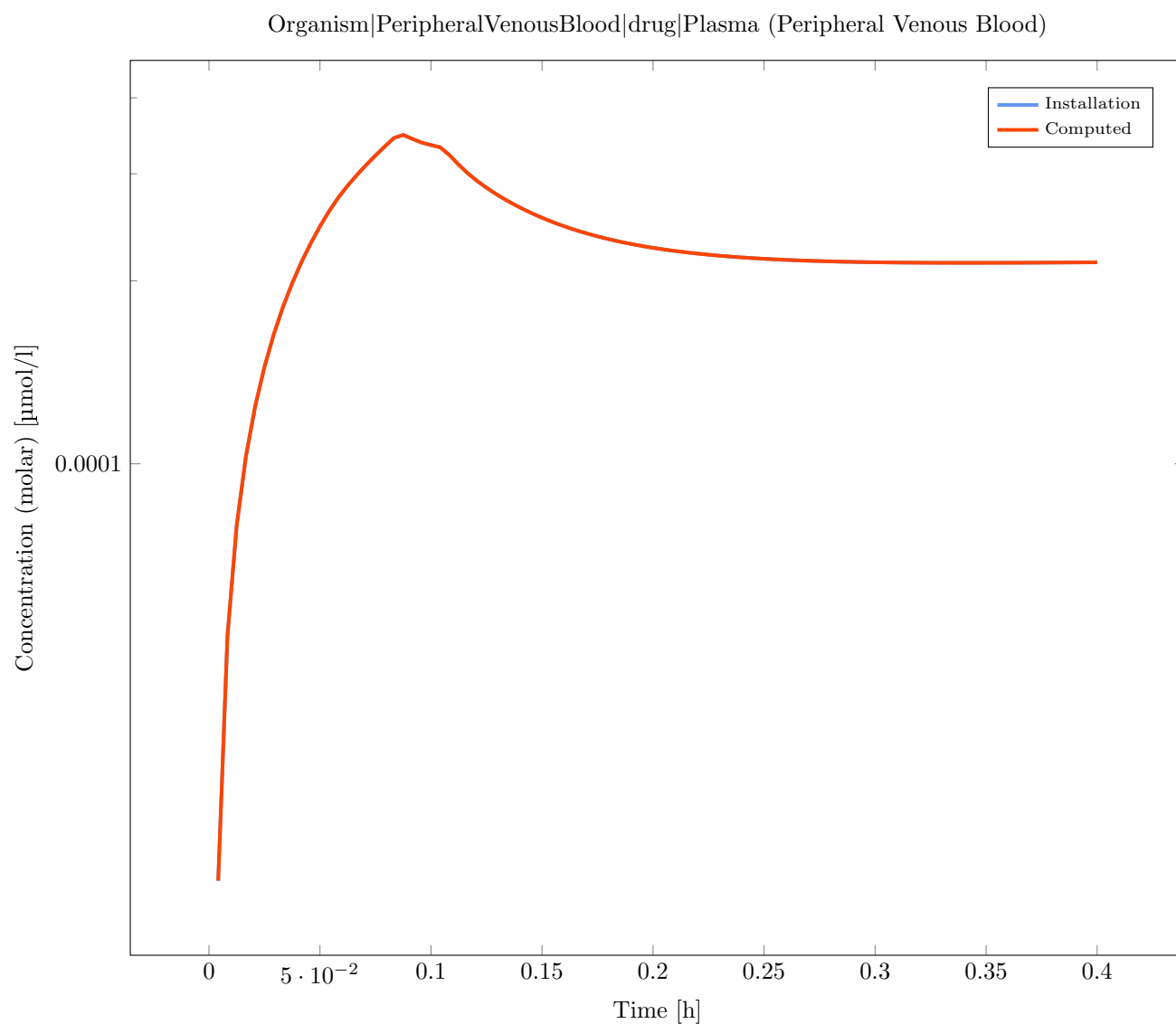


Figure 1.65

**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

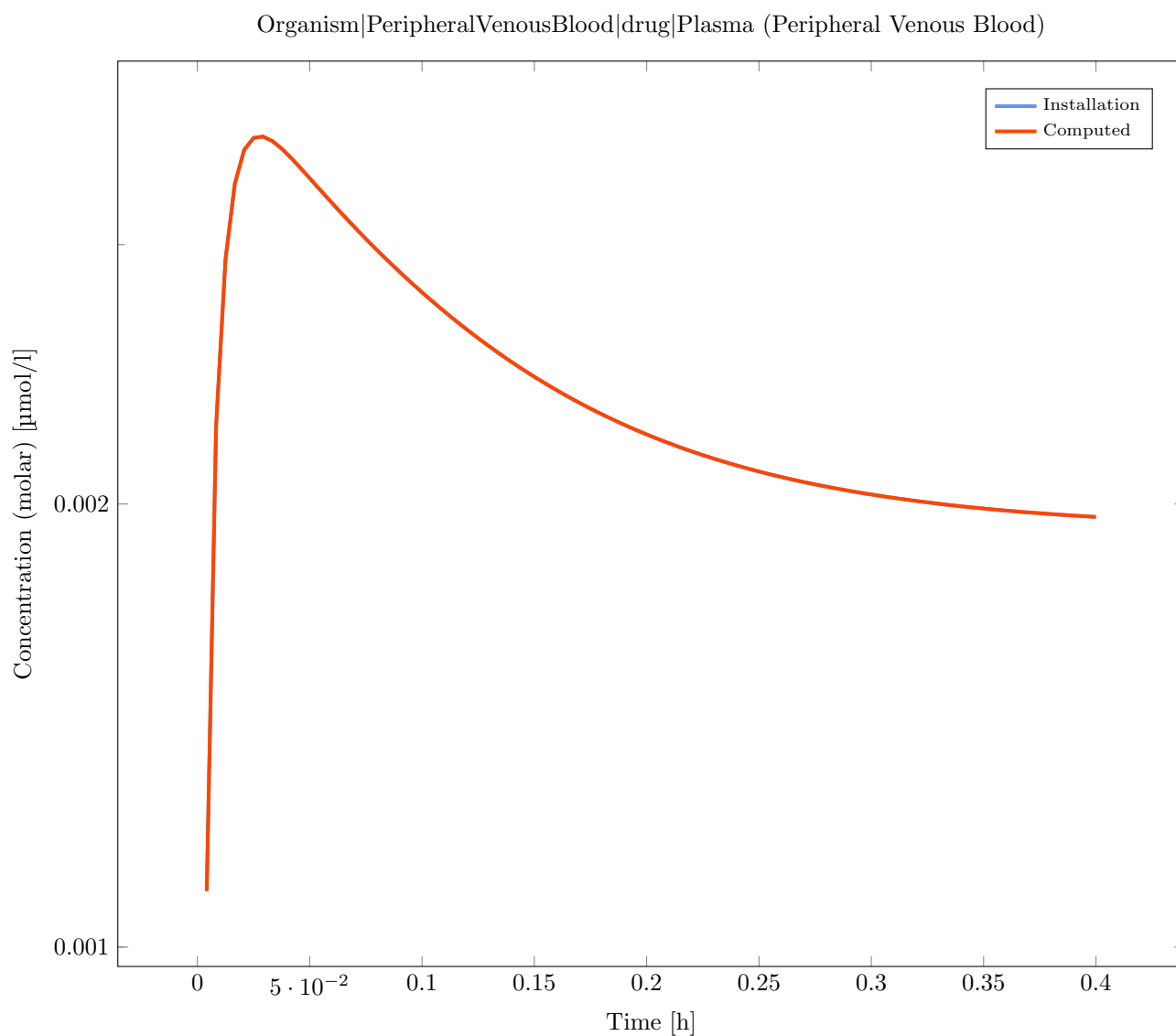


Figure 1.66

**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

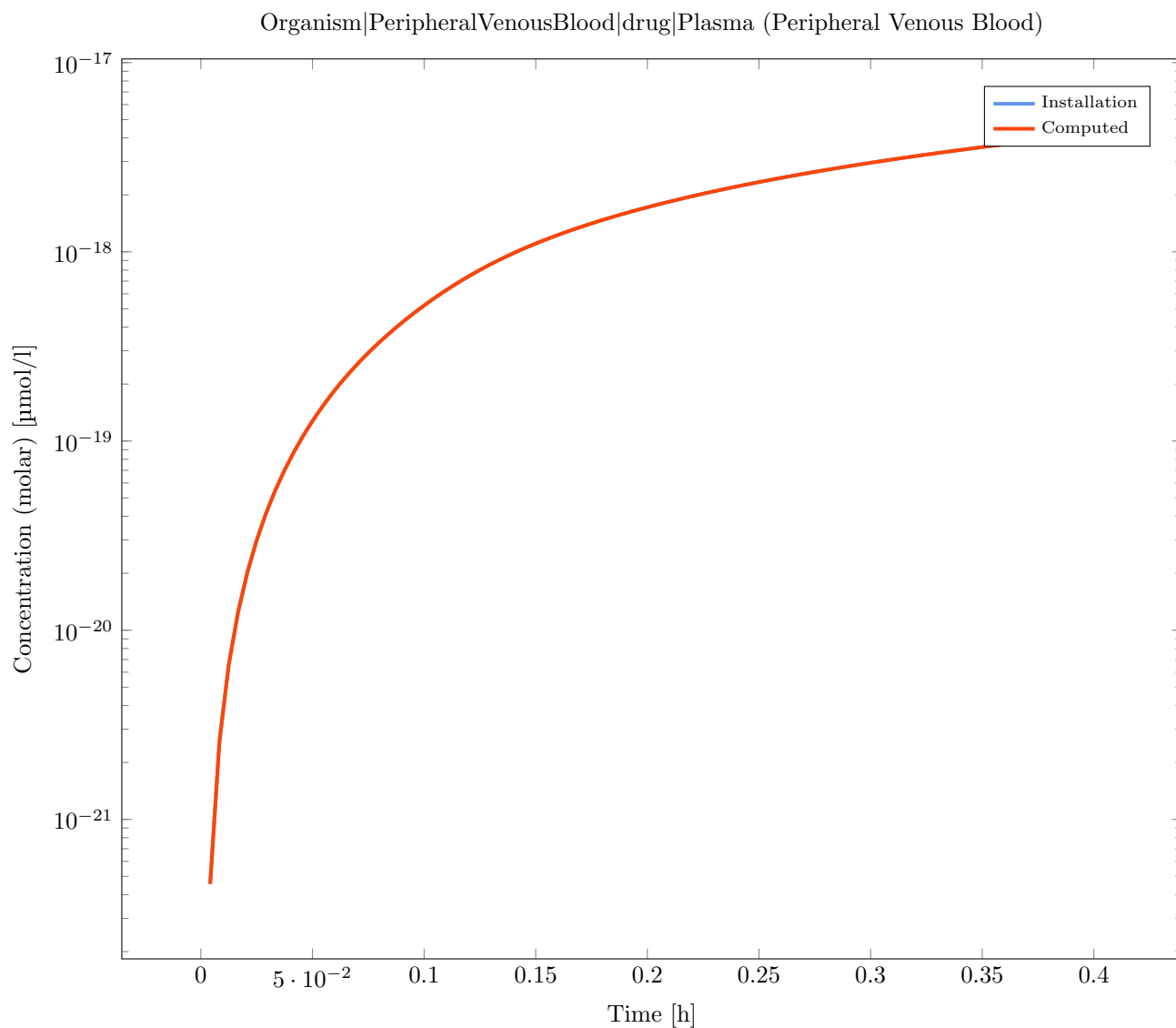


Figure 1.67

**Simulation:** Monkey\_SingleORAL\_Dissolved-Monkey\_SingleORAL\_Dissolved

Result of the validation: Valid

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

Deviation: 0

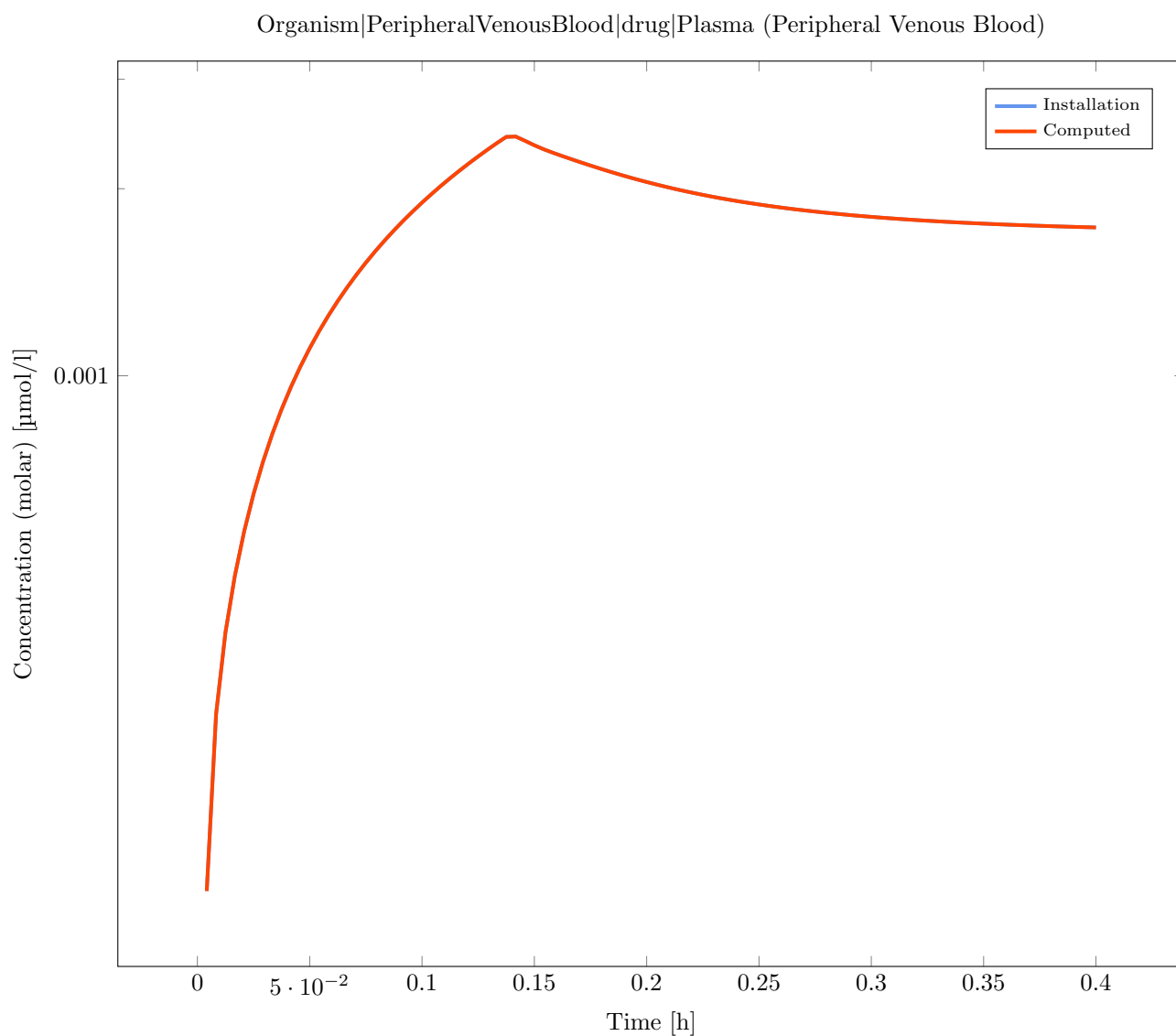


Figure 1.68

**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

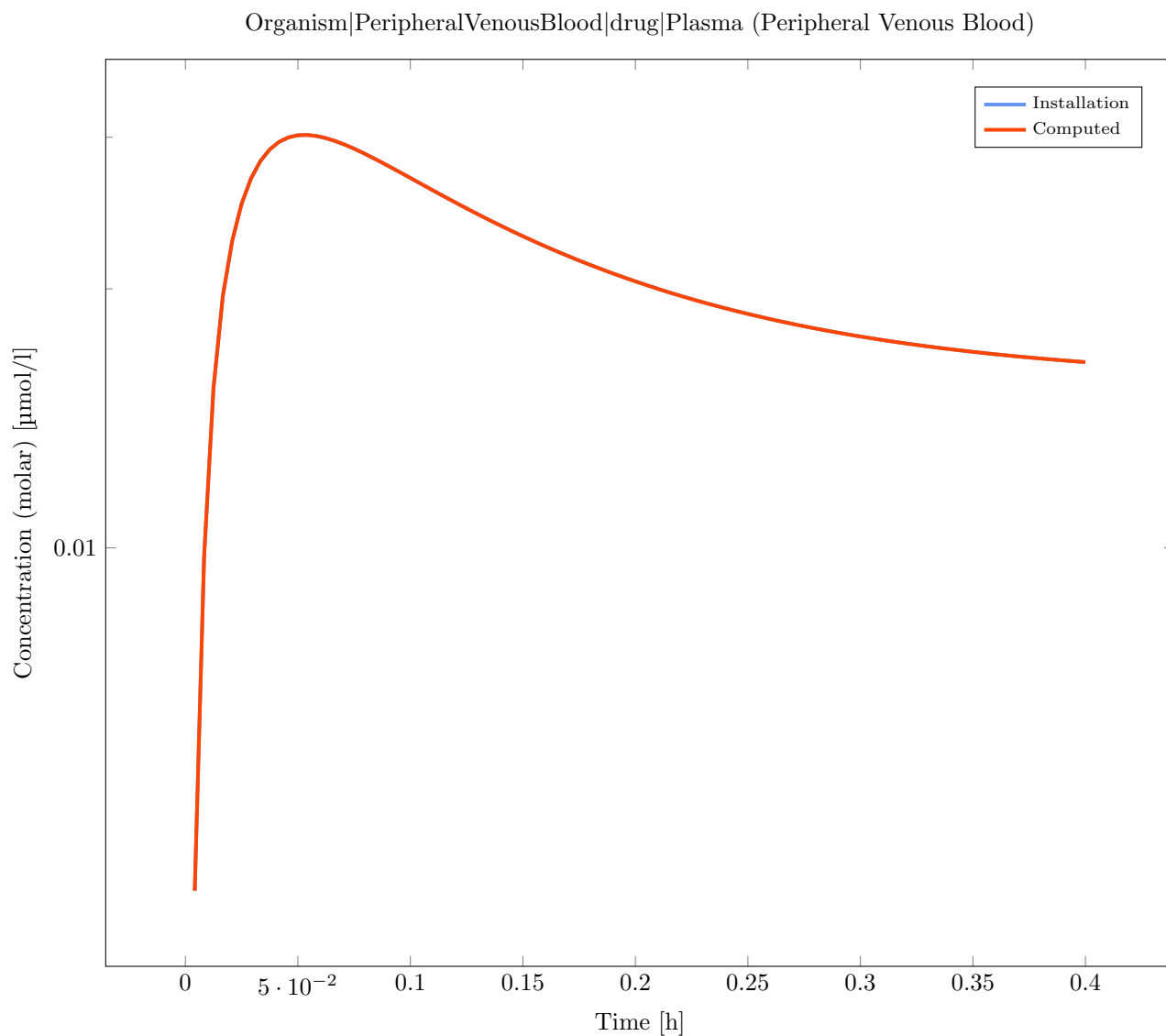


Figure 1.69

**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



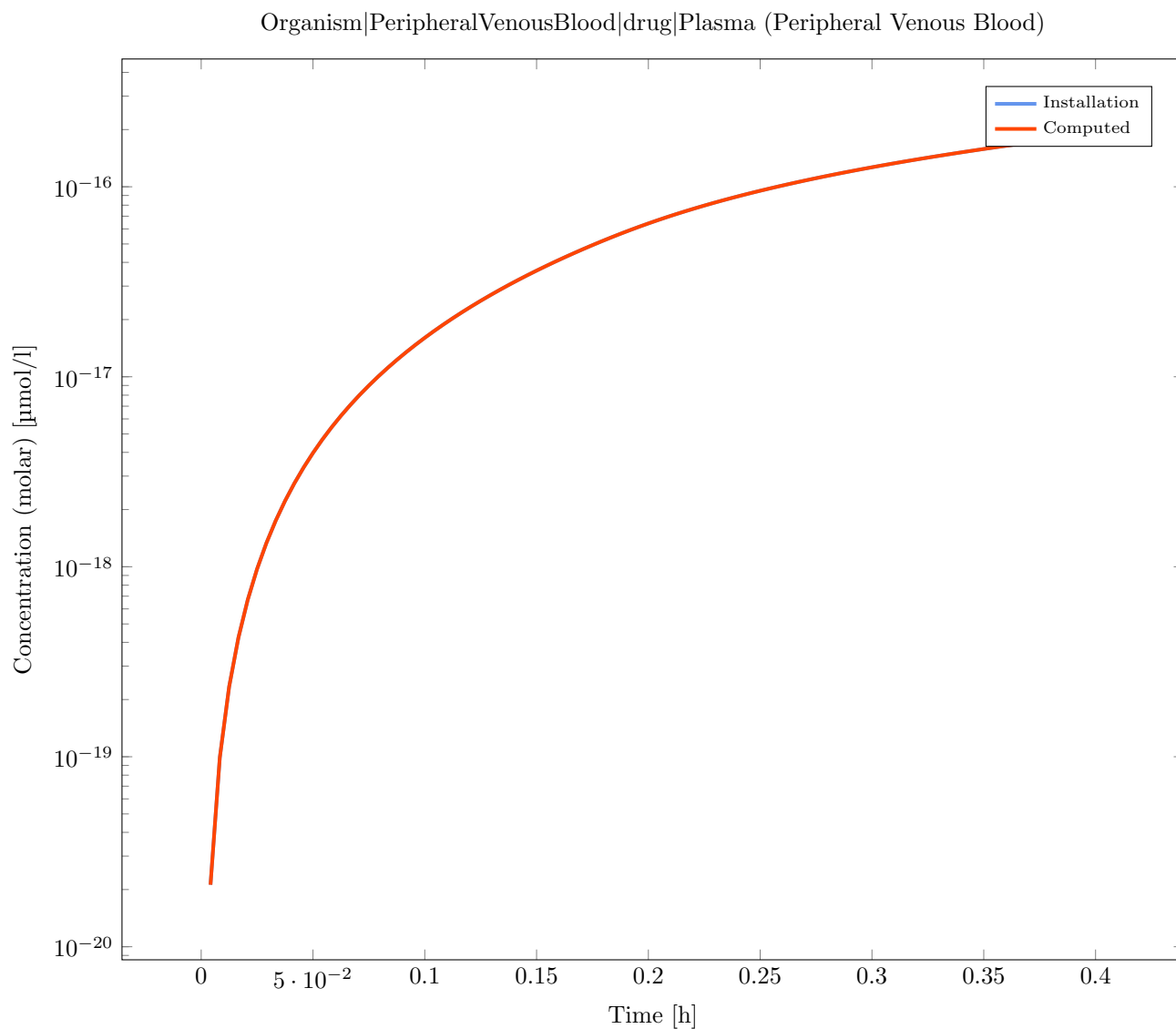


Figure 1.70

**Simulation:** Mouse\_SingleORAL\_Dissolved-Mouse\_SingleORAL\_Dissolved

Result of the validation: Valid

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

Deviation: 0

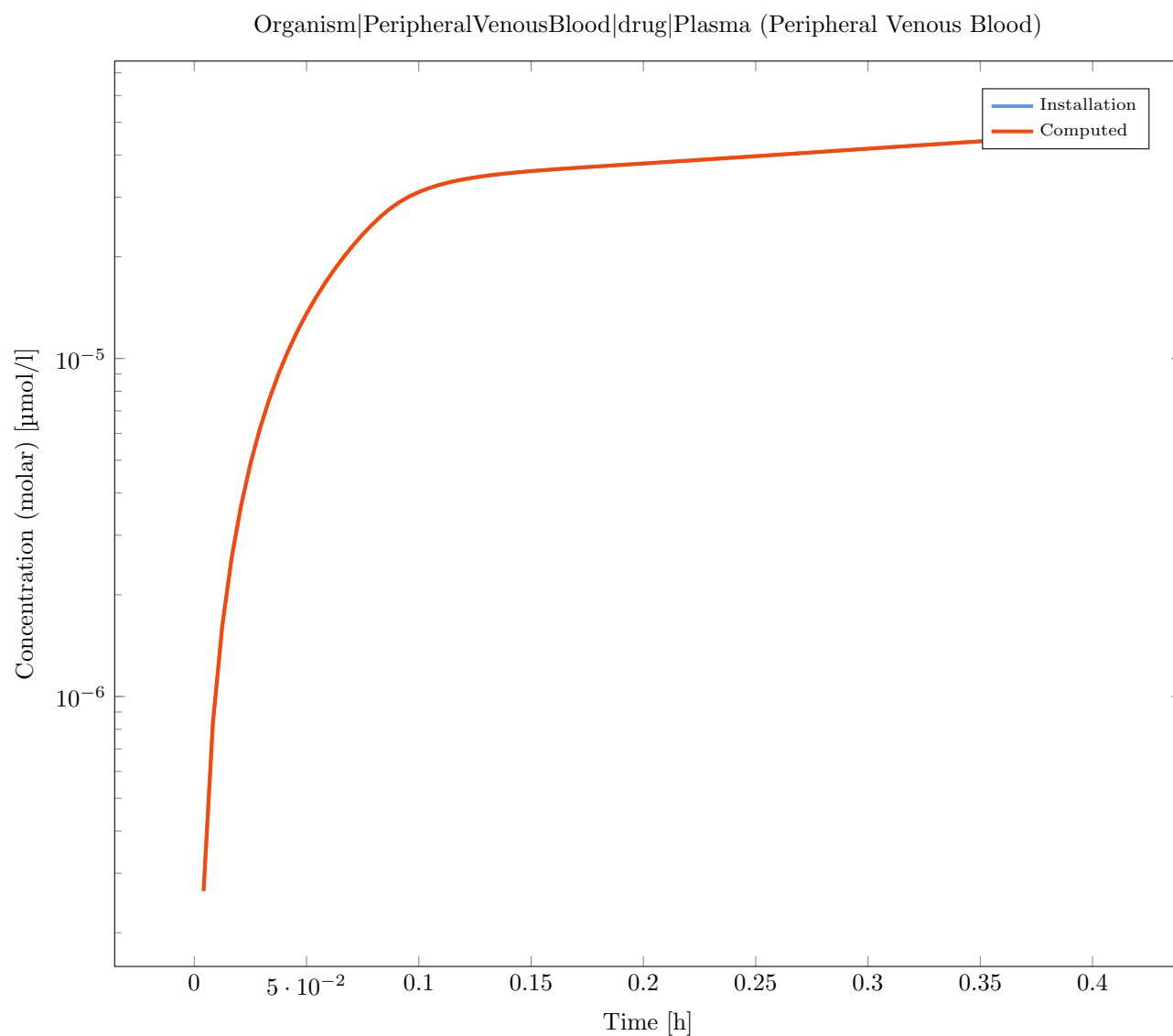


Figure 1.71

**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

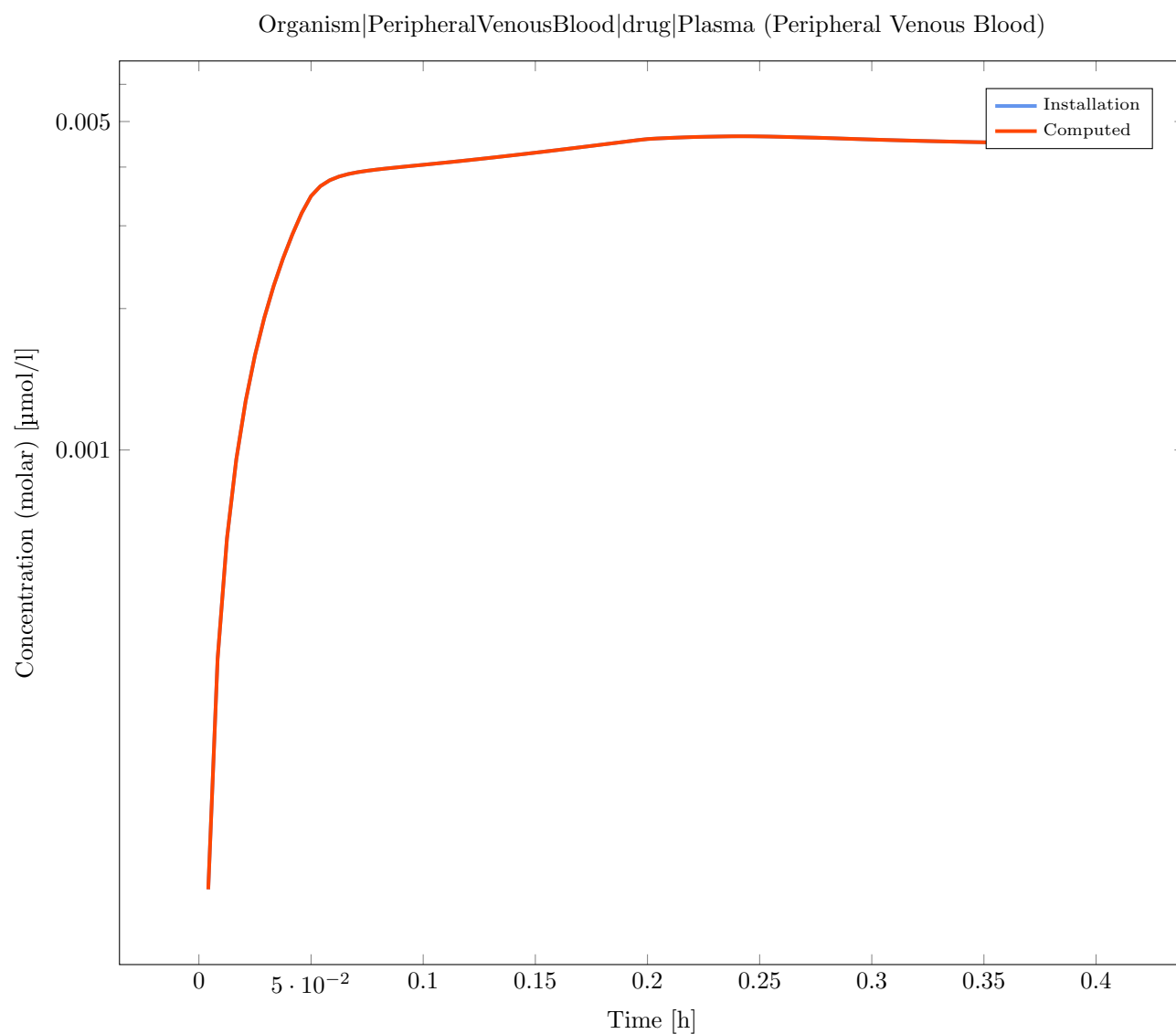


Figure 1.72

**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

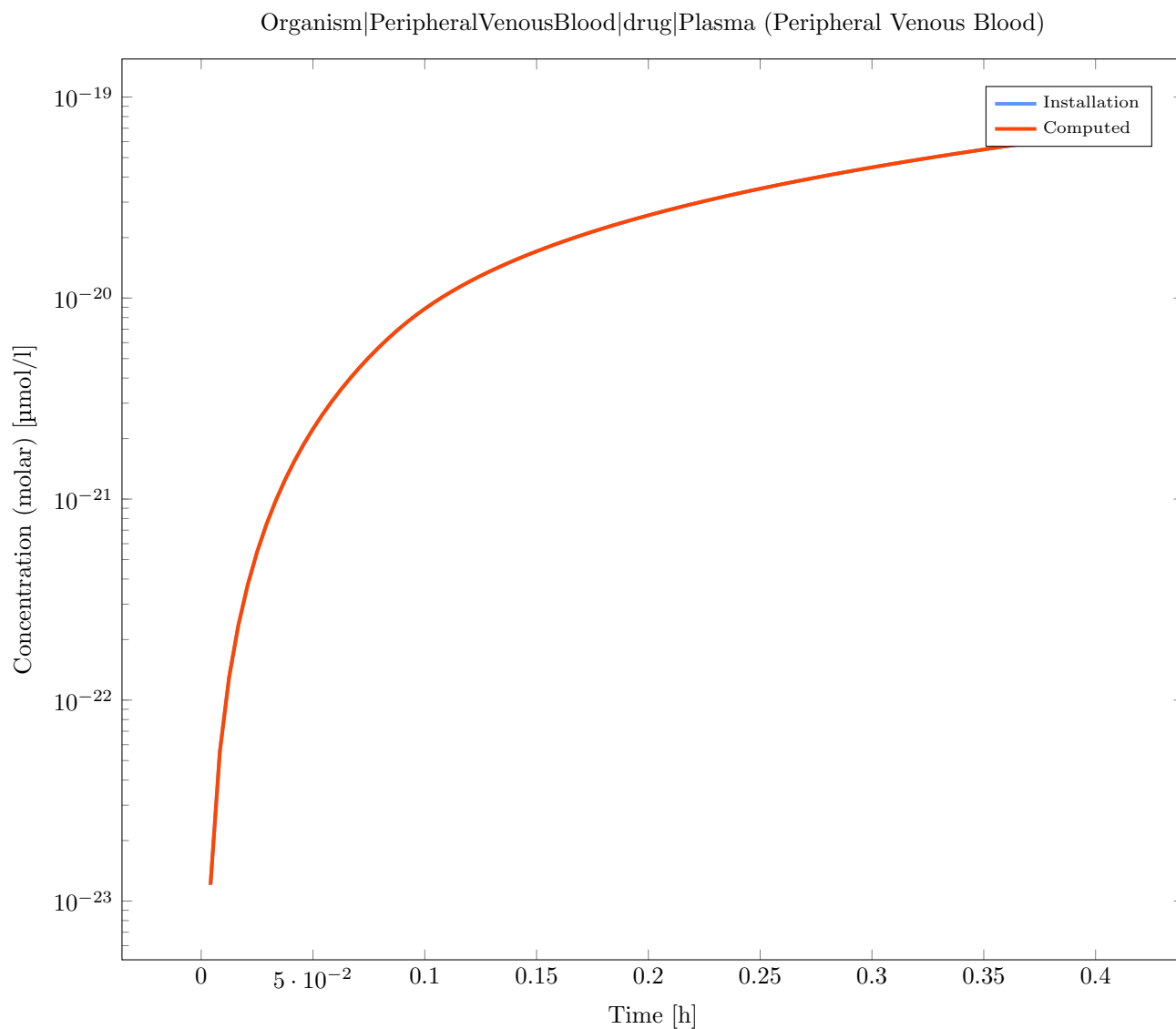


Figure 1.73

**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: 0

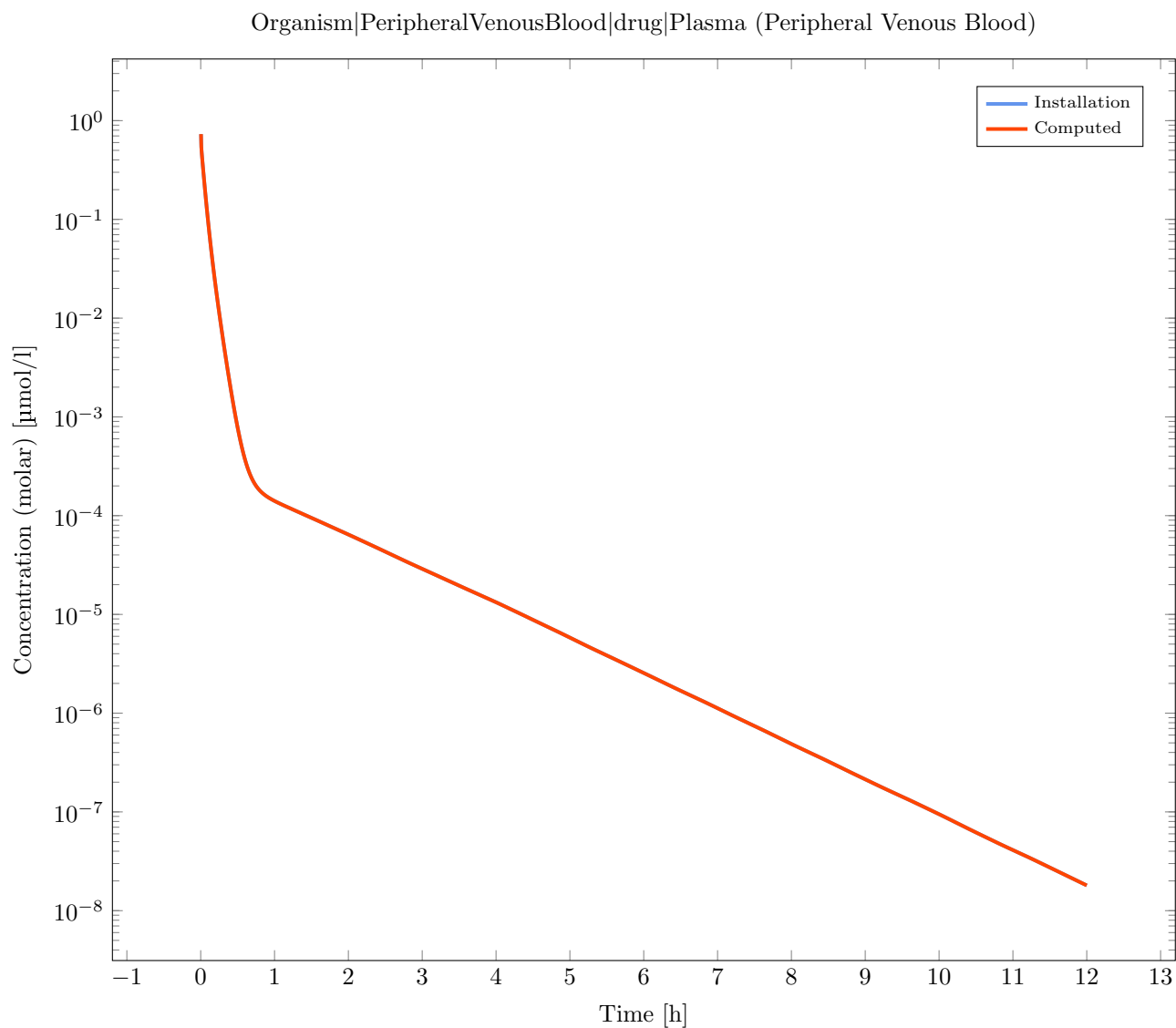


Figure 1.74

**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: 0

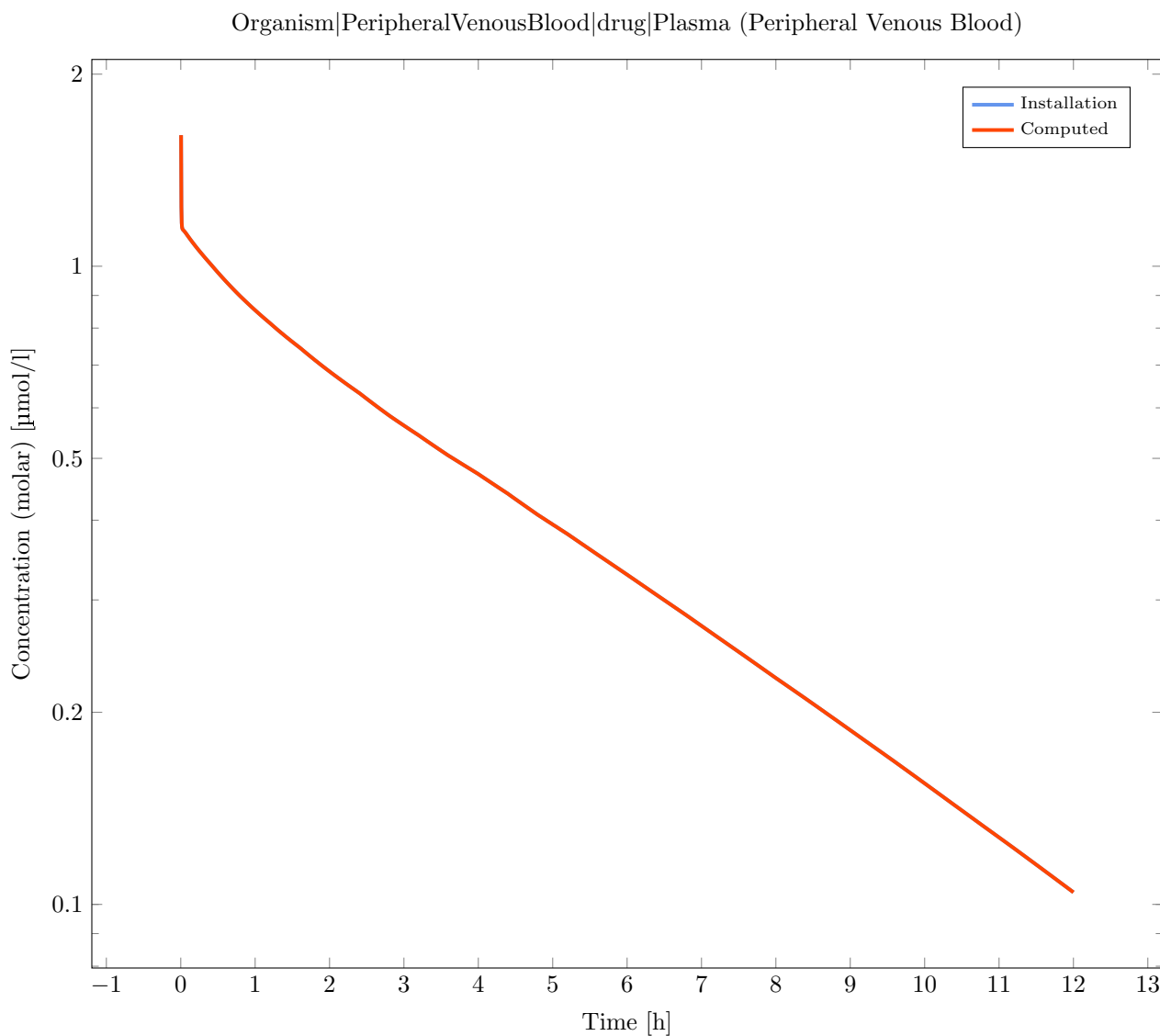


Figure 1.75

**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

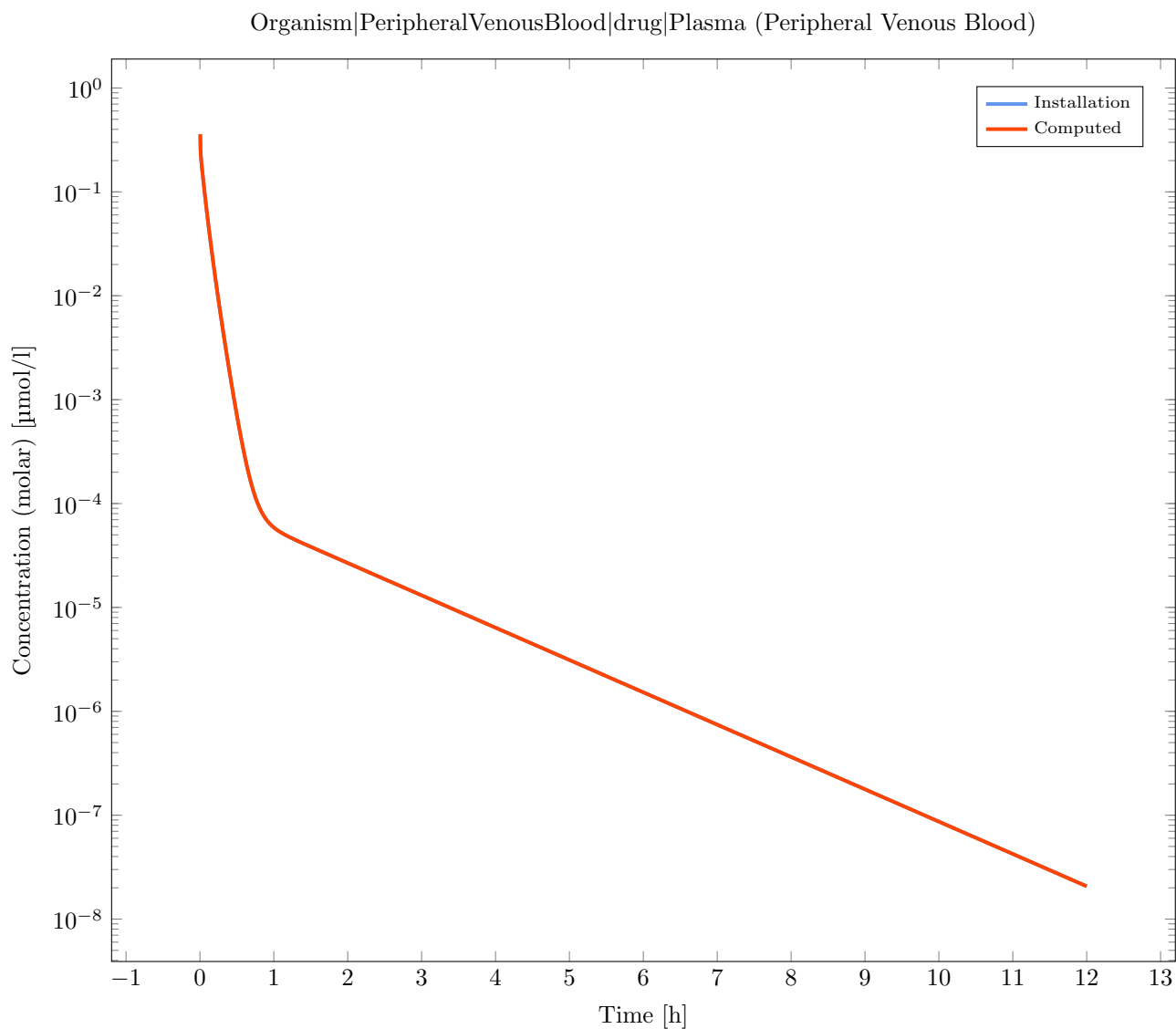


Figure 1.76

**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

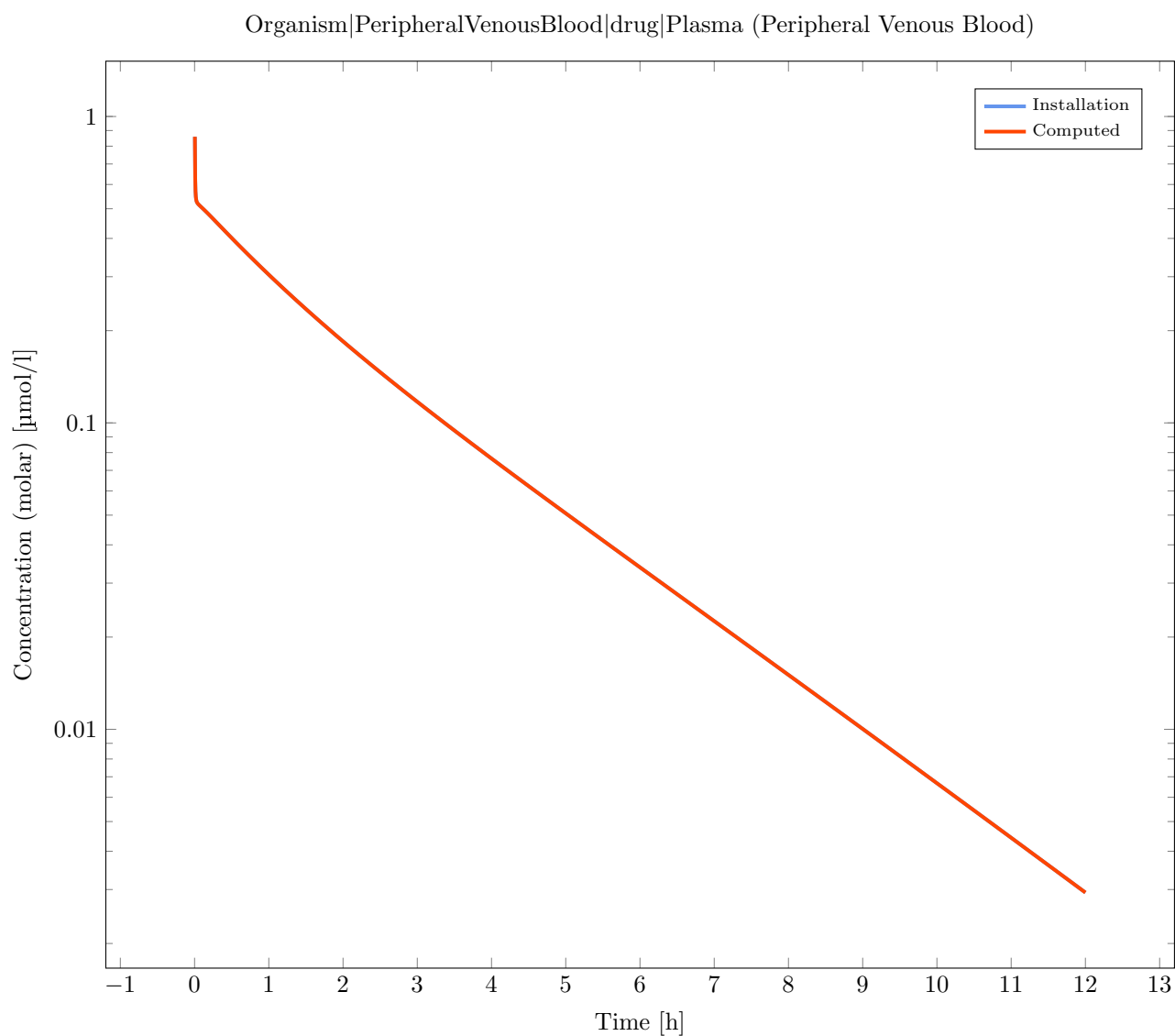


Figure 1.77

**Simulation:** Rabbit\_SingleORAL\_Dissolved-Rabbit\_SingleORAL\_Dissolved

Result of the validation: Valid

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

Deviation: 0



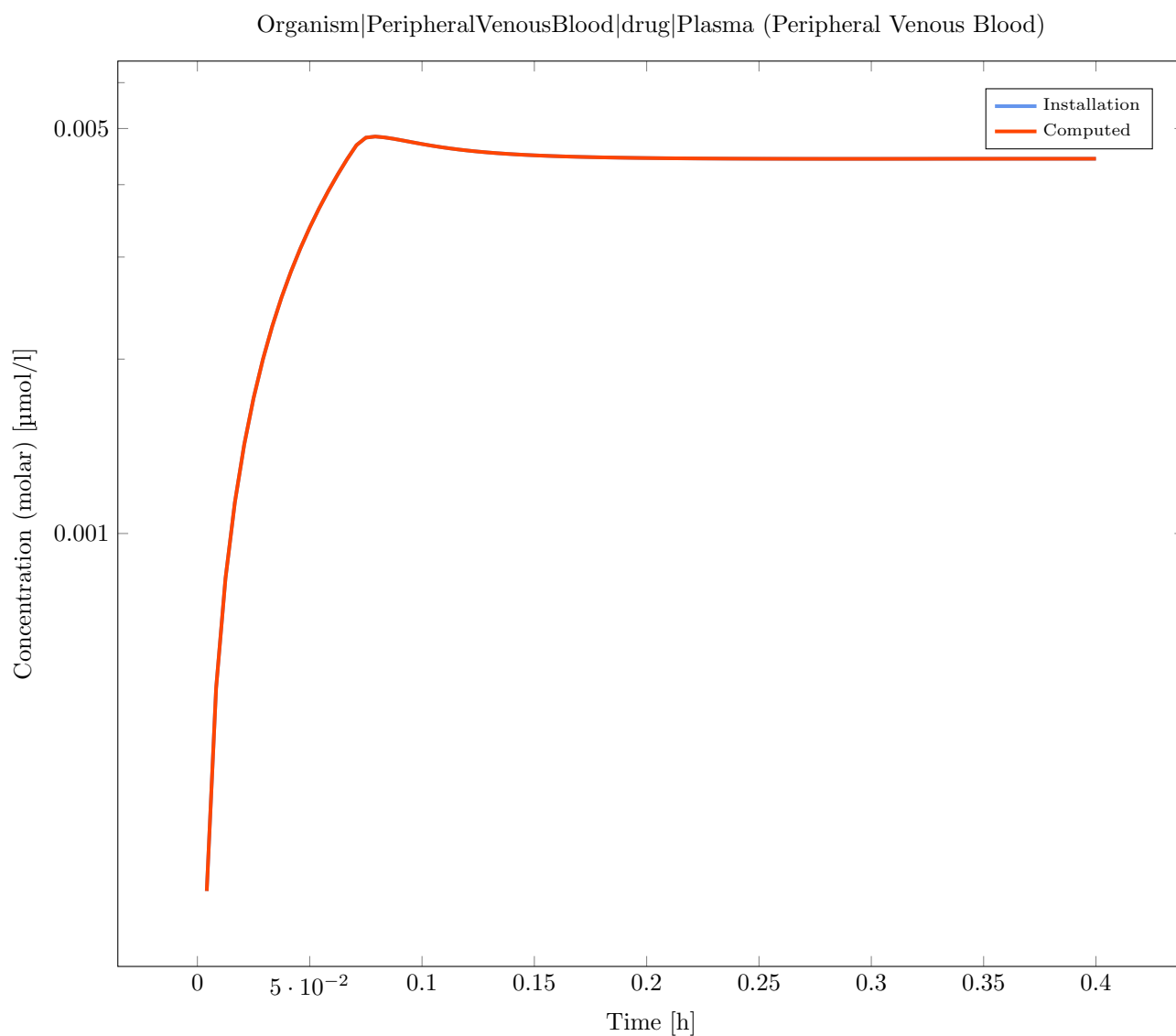


Figure 1.78

**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

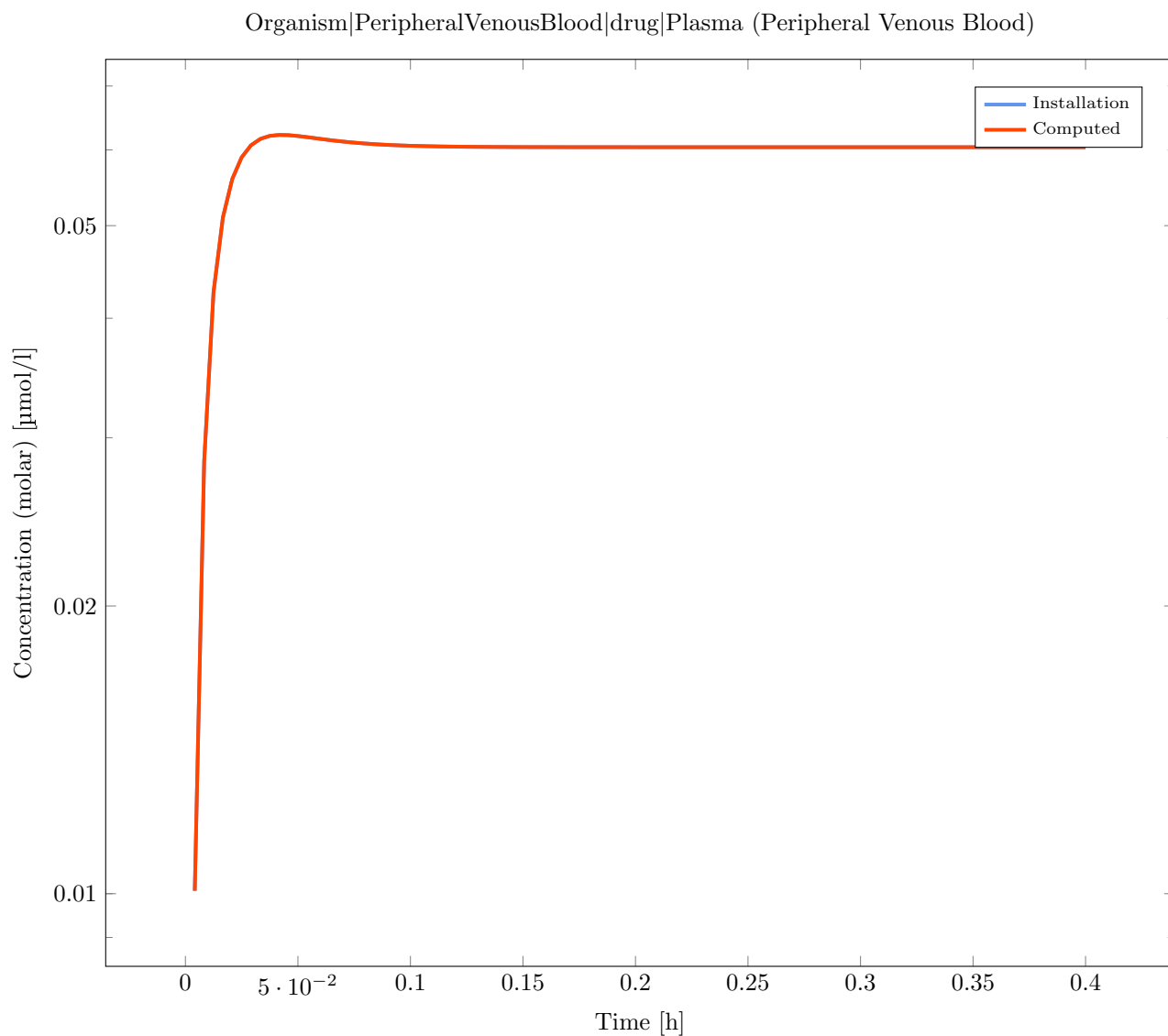


Figure 1.79

**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

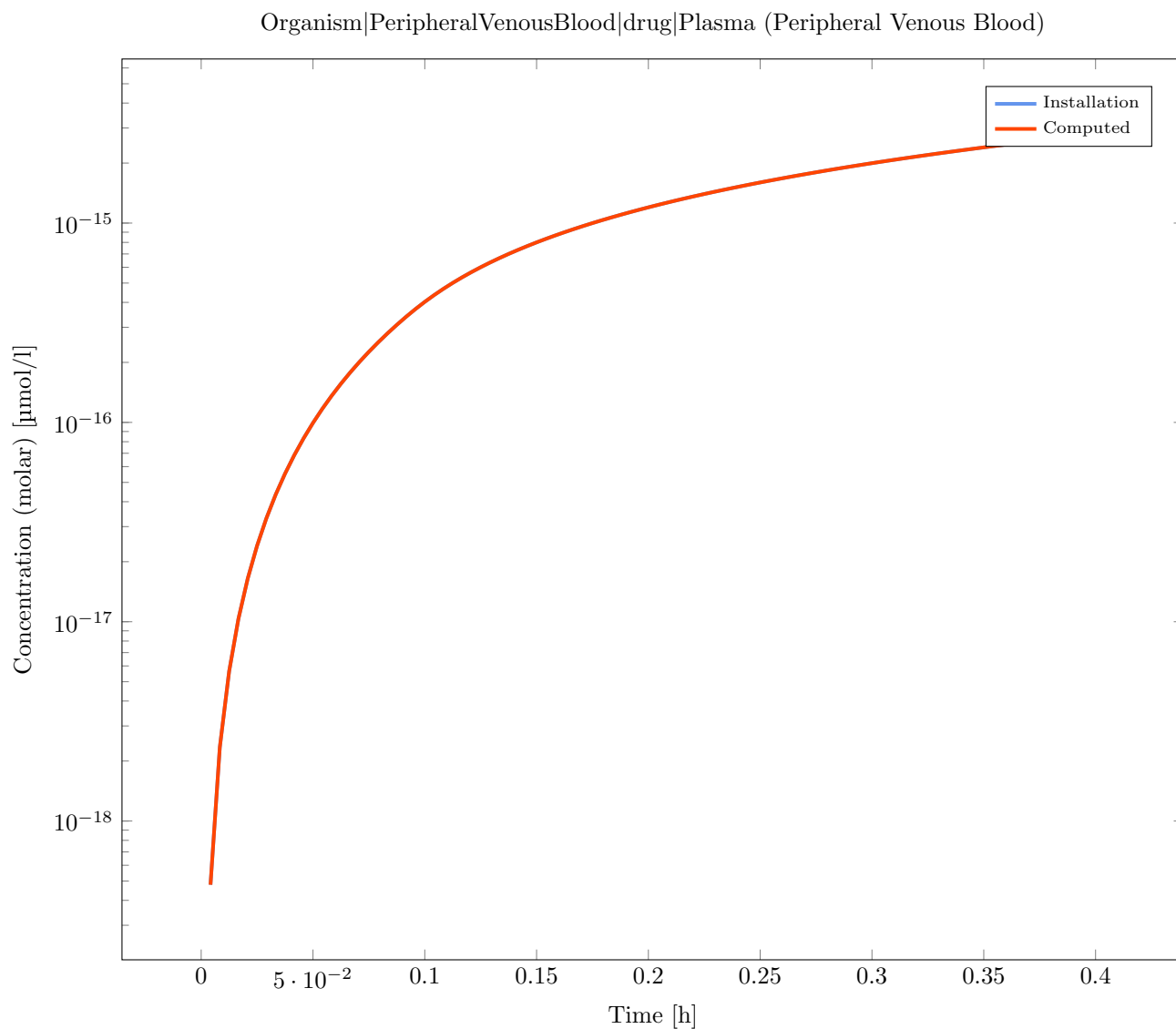


Figure 1.80

**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

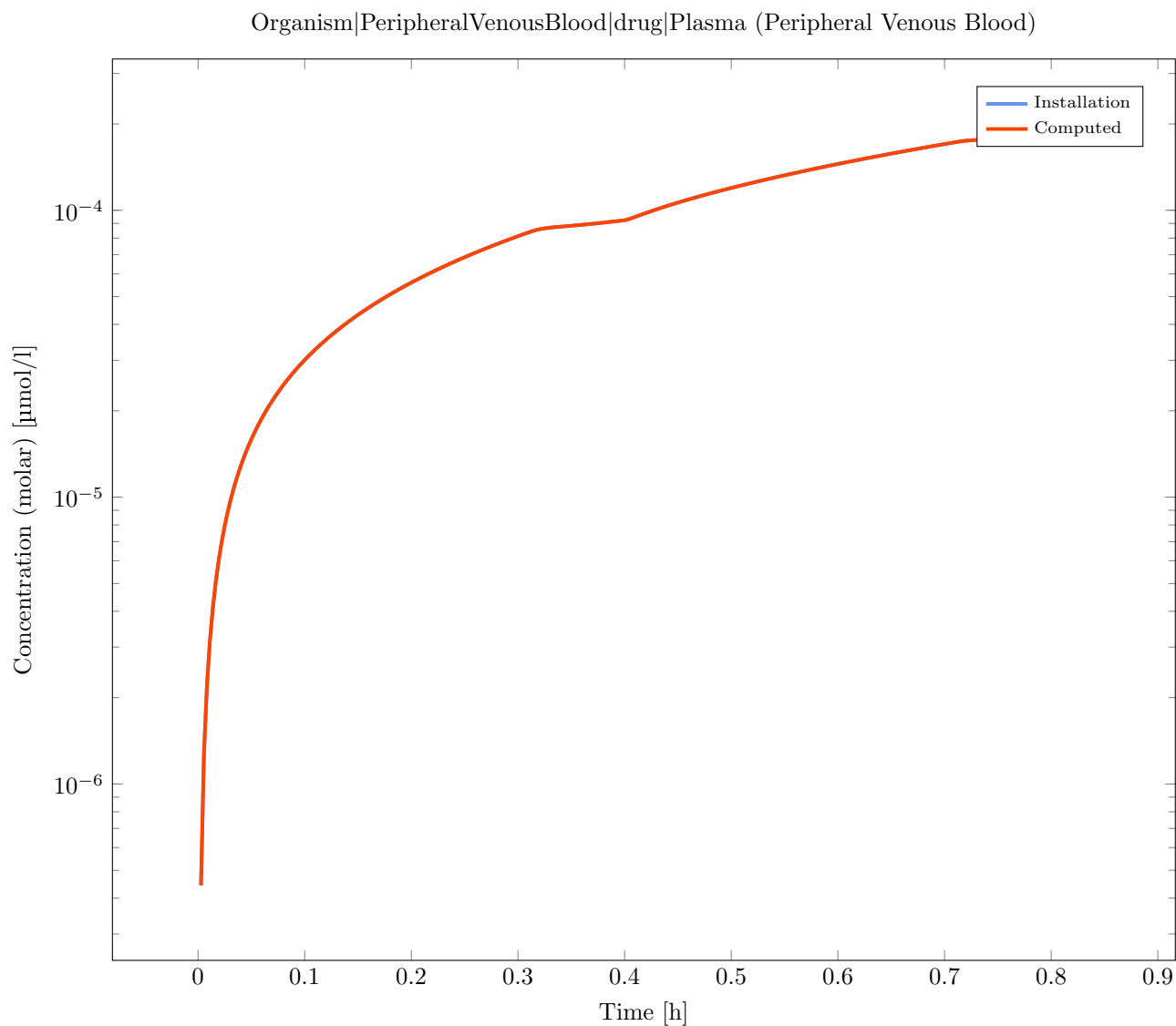


Figure 1.81

**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

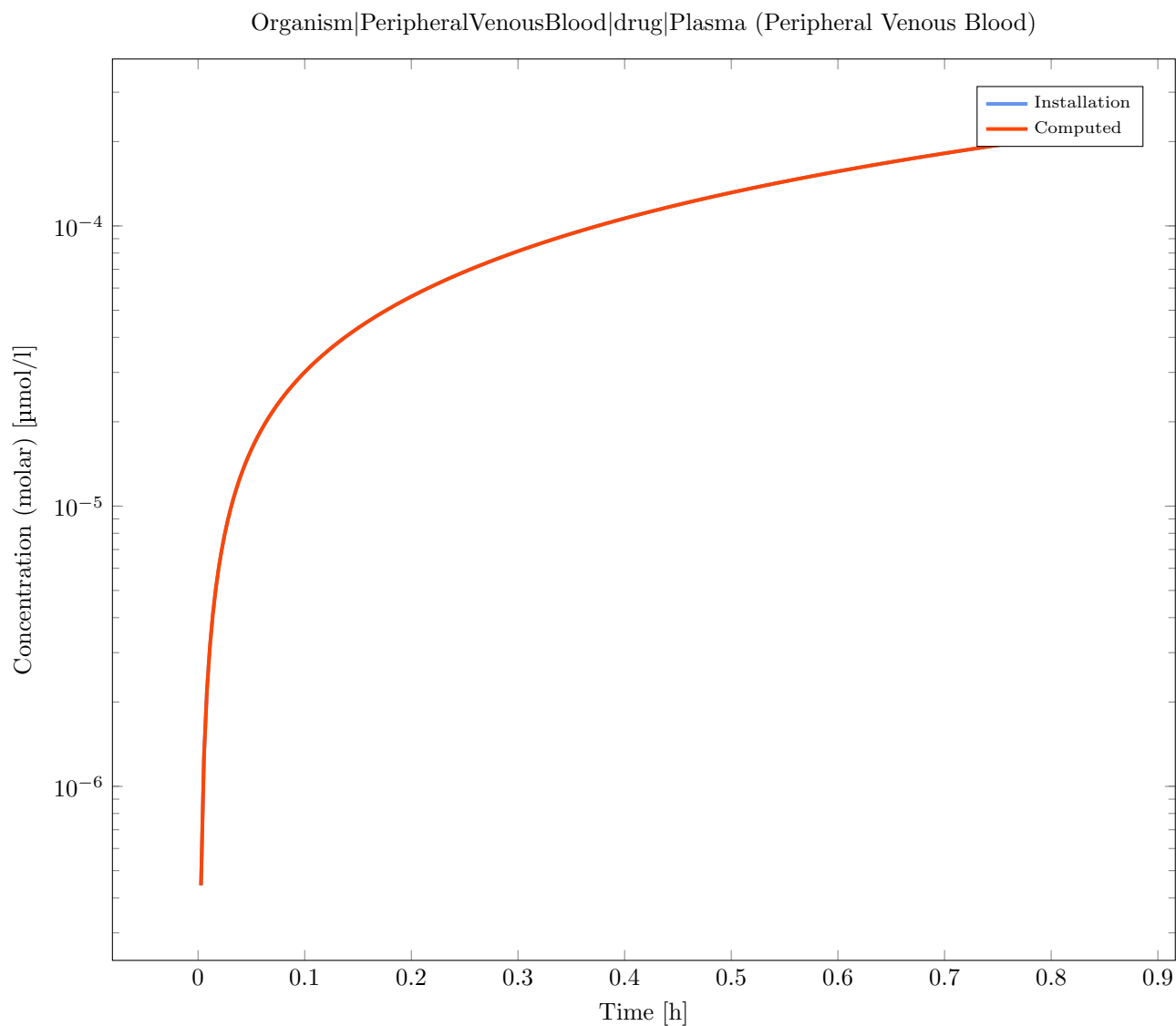


Figure 1.82

**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

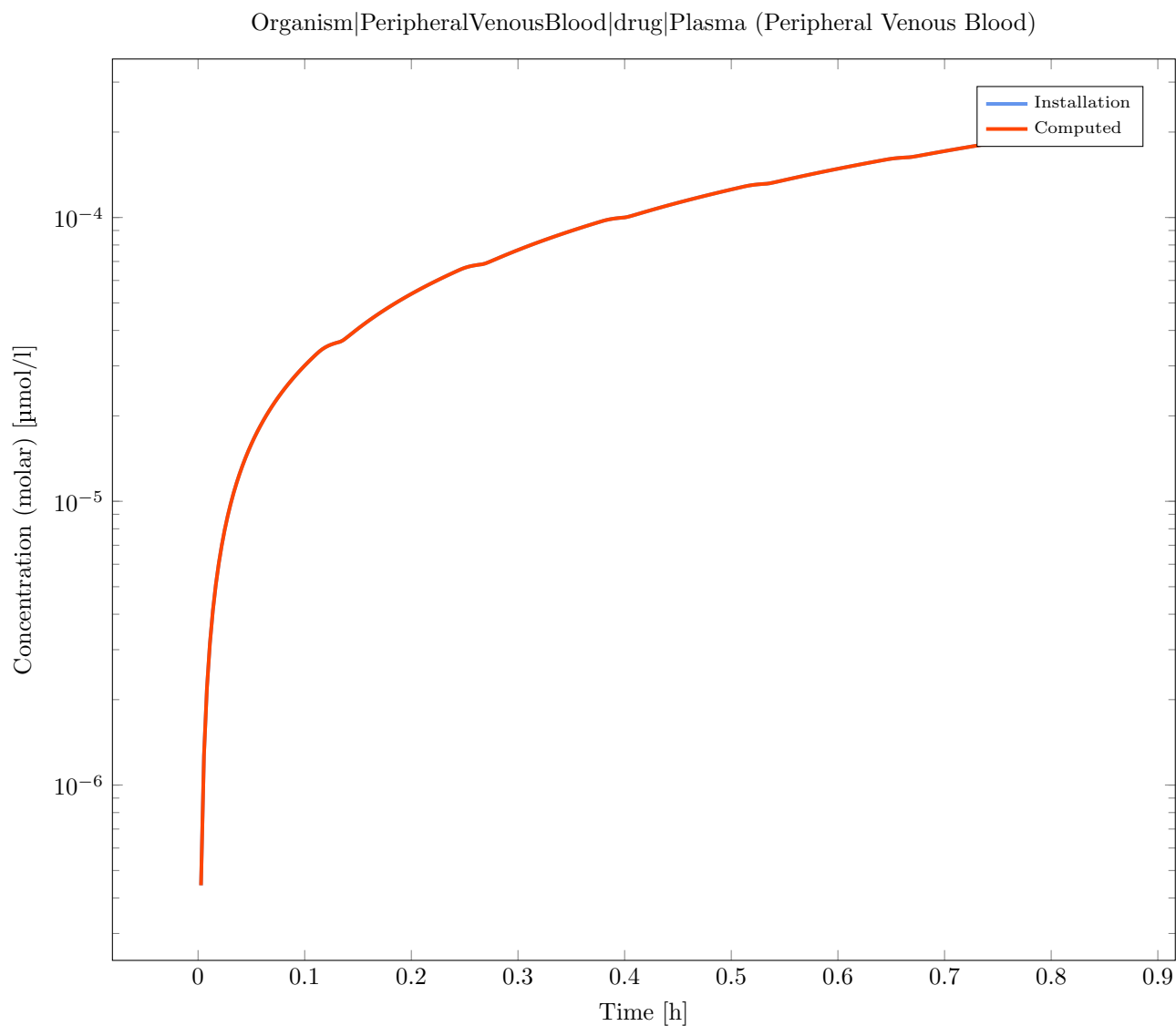


Figure 1.83

**Simulation:** SingleIV\_2Pores\_Human-SingleIV\_2Pores\_Human

Result of the validation: Valid

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

Deviation: 0

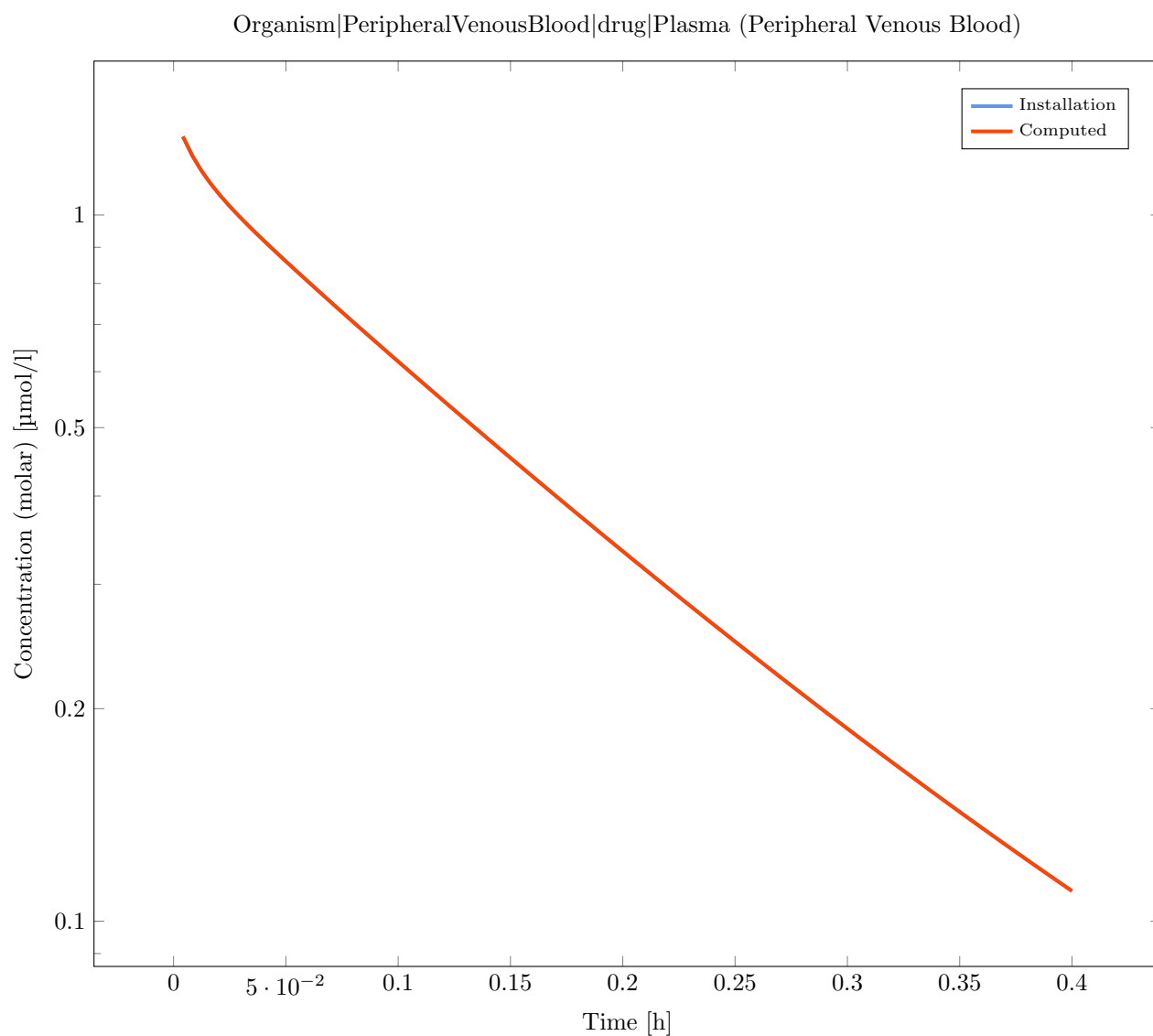


Figure 1.84

**Simulation:** SingleIV\_2Pores\_Human-SingleIV\_2Pores\_Human\_SimulationC

Result of the validation: Valid

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

Deviation: 0

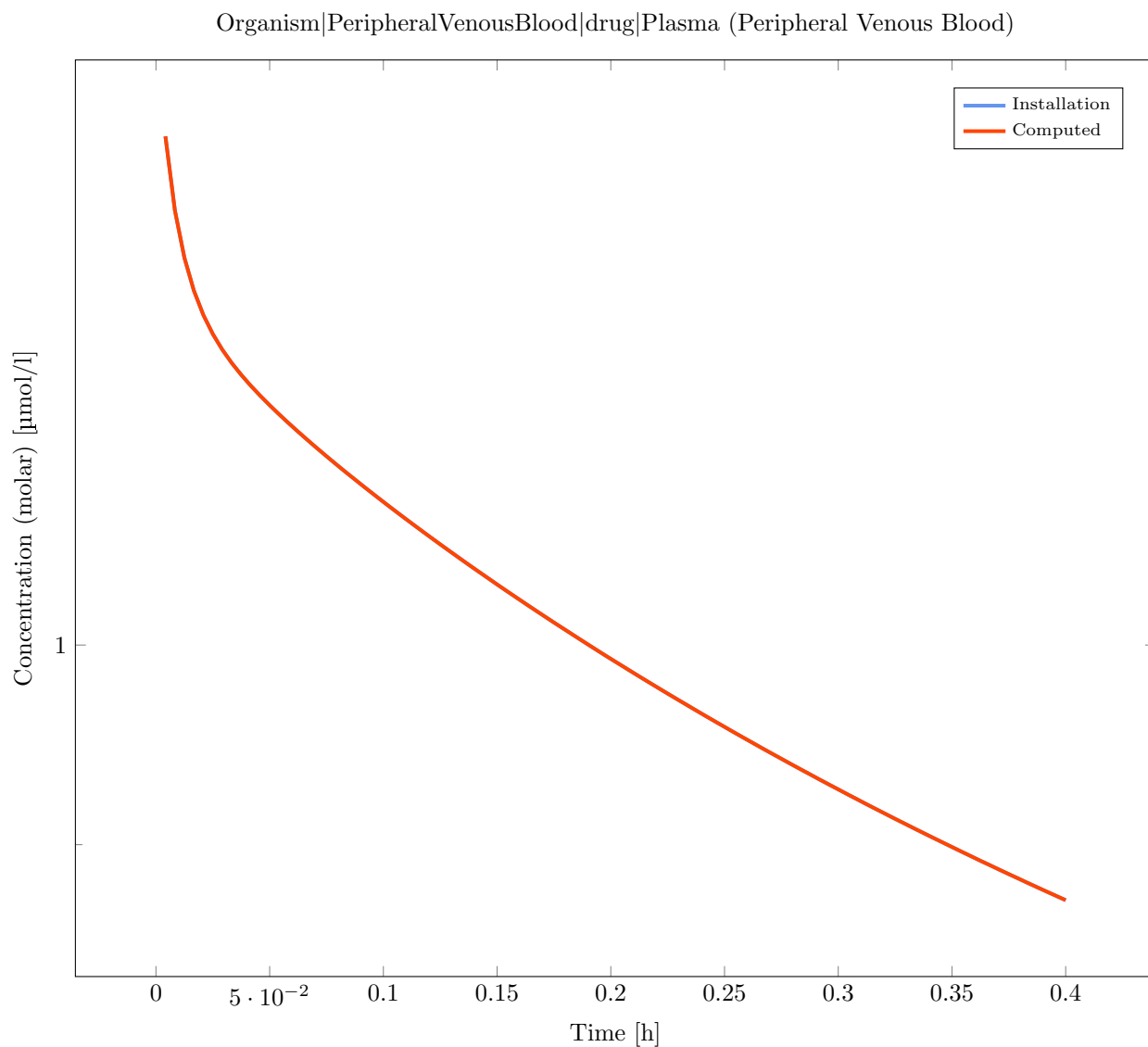


Figure 1.85

**Simulation:** SingleIV\_2Pores\_Human-SingleIV\_2Pores\_Human\_SimulationD

Result of the validation: Valid

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

Deviation: 0



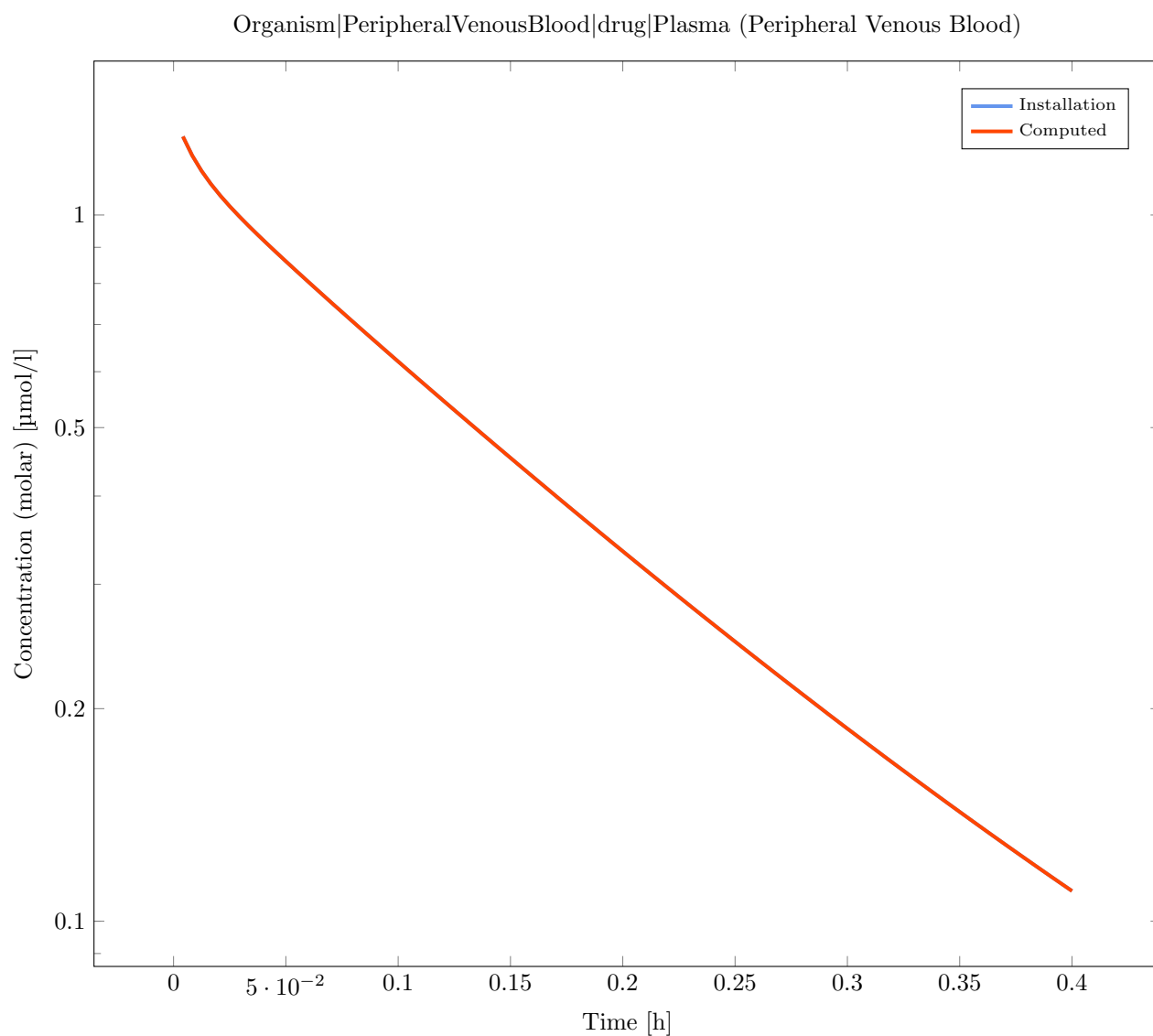


Figure 1.86

**Simulation:** SingleIV\_2Pores\_Human-SingleIV\_2Pores\_Human\_SimulationF

Result of the validation: Valid

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

Deviation: 0

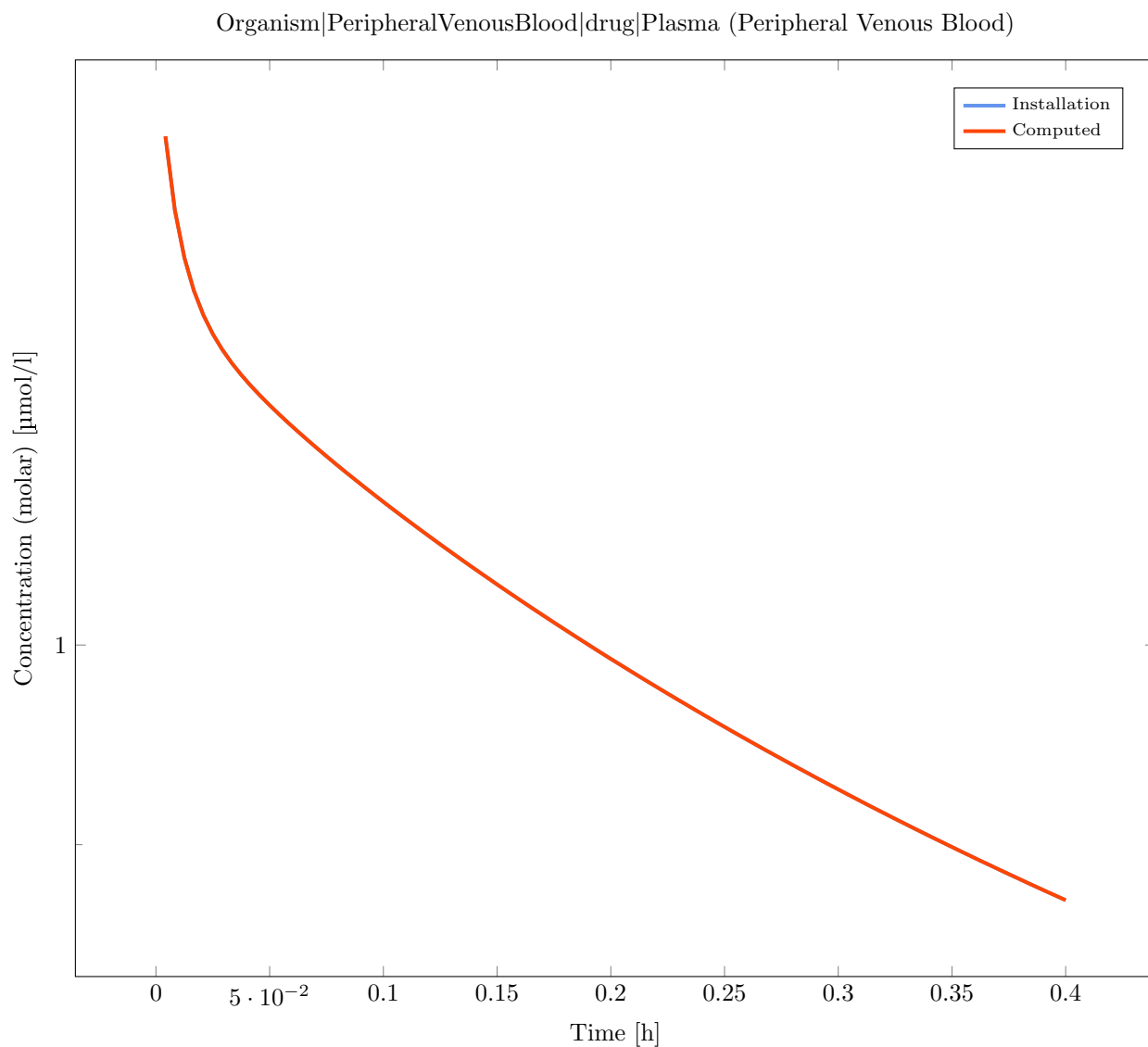


Figure 1.87

**Simulation:** SingleIV\_2Pores\_Monkey-SingleIV\_2Pores\_Monkey

Result of the validation: Valid

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

Deviation: 0

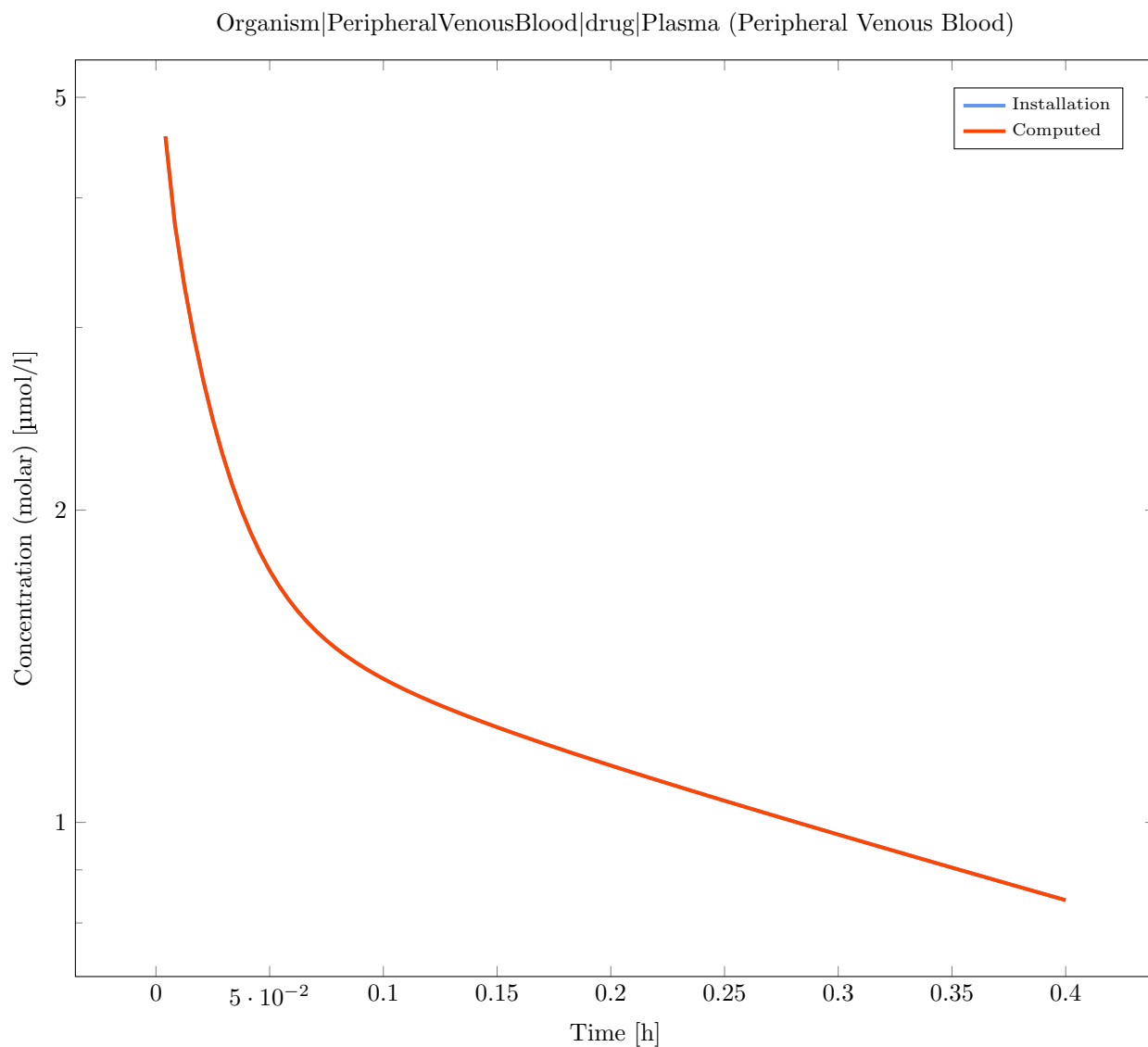


Figure 1.88

**Simulation:** SingleIV\_2Pores\_Monkey-SingleIV\_2Pores\_Monkey\_SimulationG

Result of the validation: Valid

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

Deviation: 0

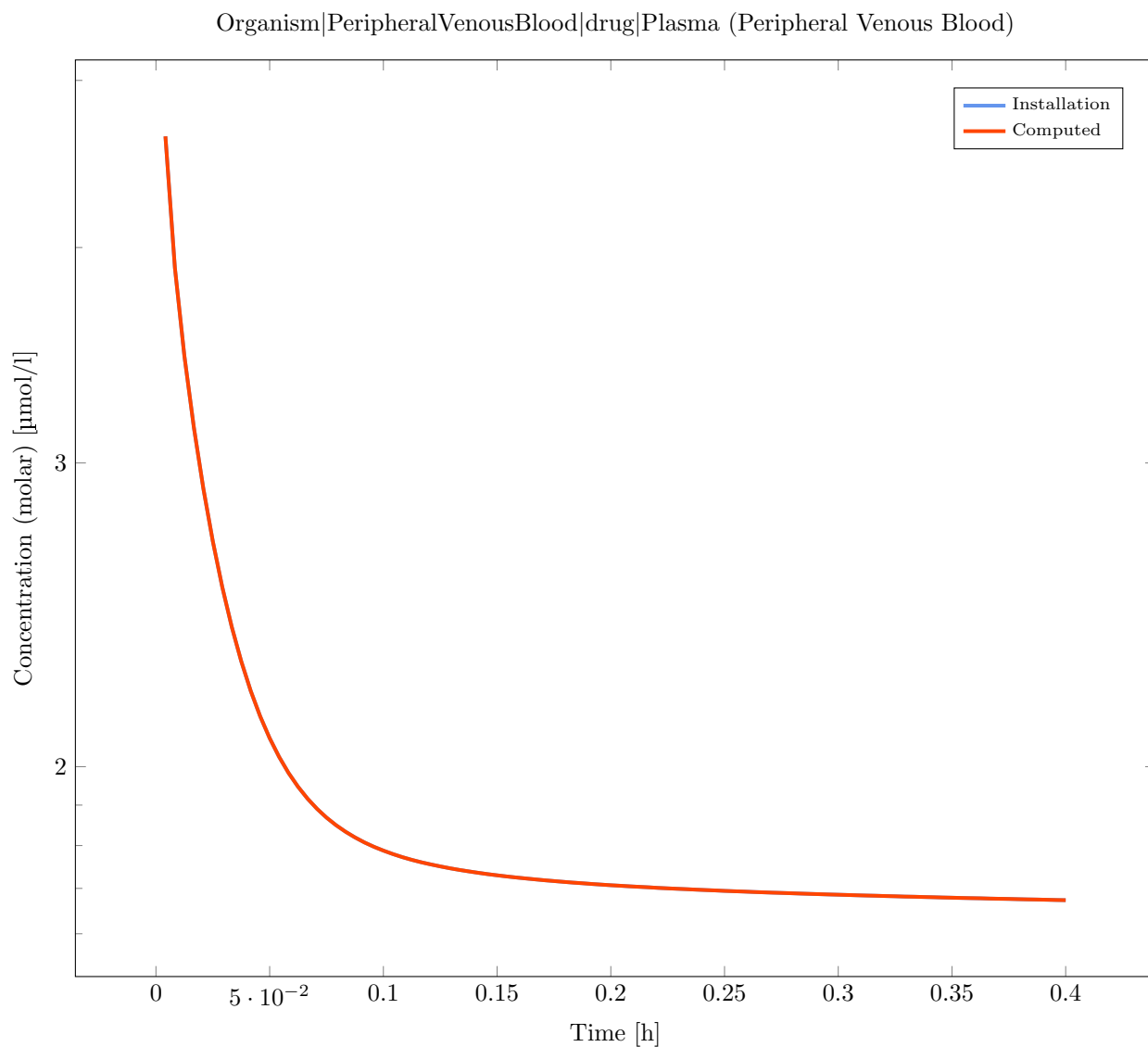


Figure 1.89

**Simulation:** SingleIV\_2Pores\_Monkey-SingleIV\_2Pores\_Monkey\_SimulationH

Result of the validation: Valid

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

Deviation: 0

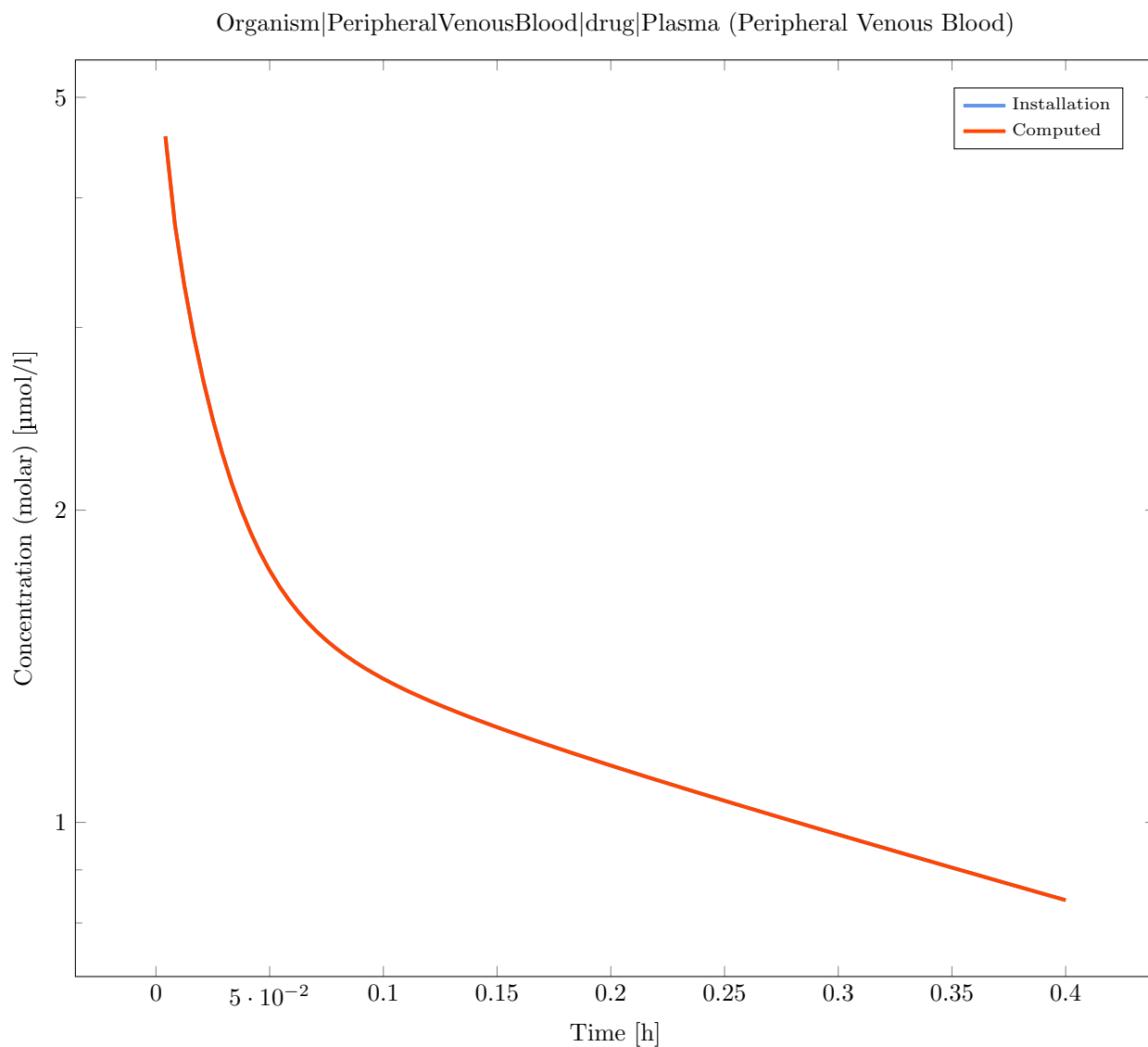


Figure 1.90

**Simulation:** SingleIV\_2Pores\_Mouse-SingleIV\_2Pores\_Mouse

Result of the validation: Valid

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

Deviation: 0

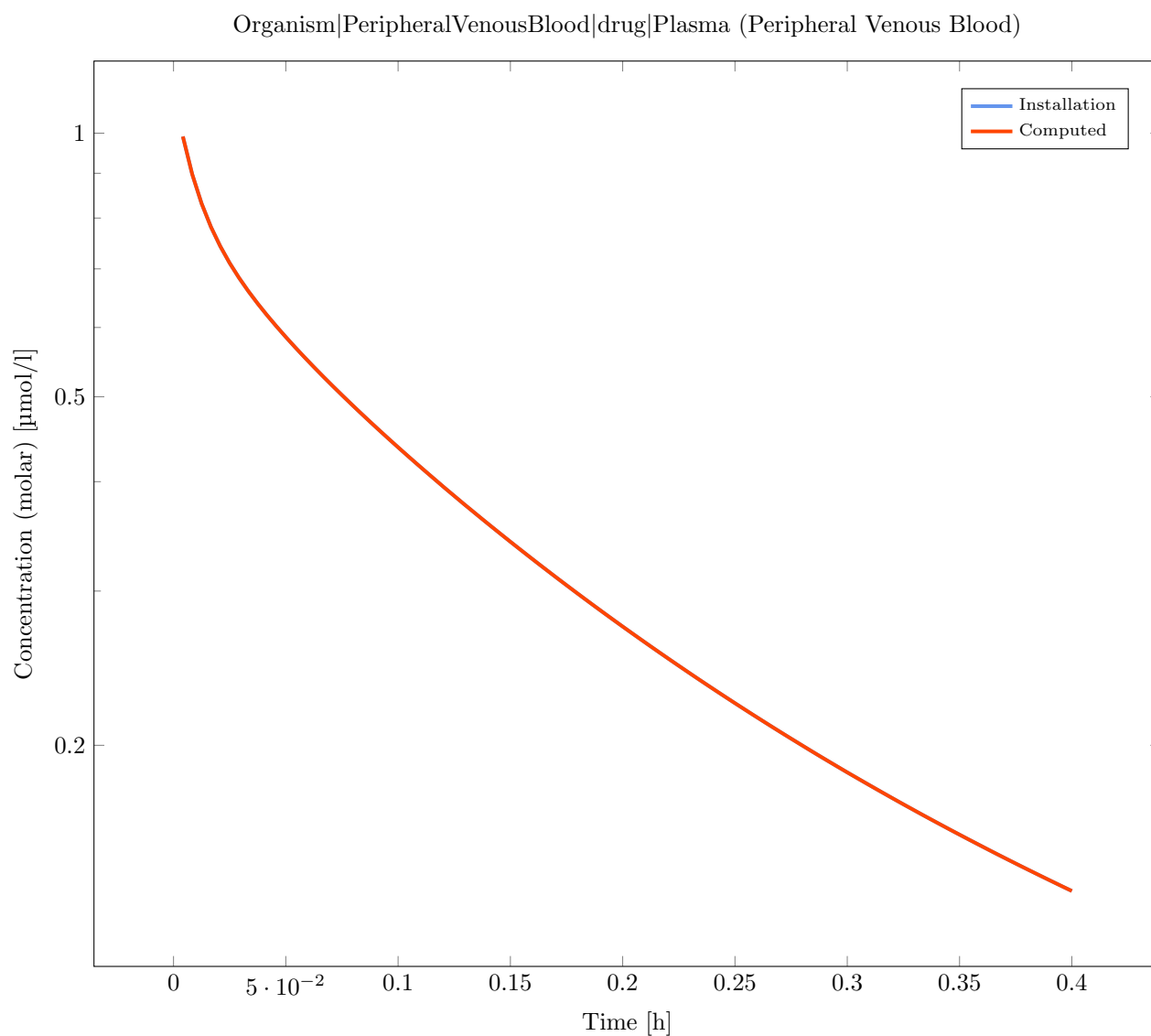


Figure 1.91

**Simulation:** SingleIV\_2Pores\_Mouse-SingleIV\_2Pores\_Mouse\_SimulationA

Result of the validation: Valid

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

Deviation: 0

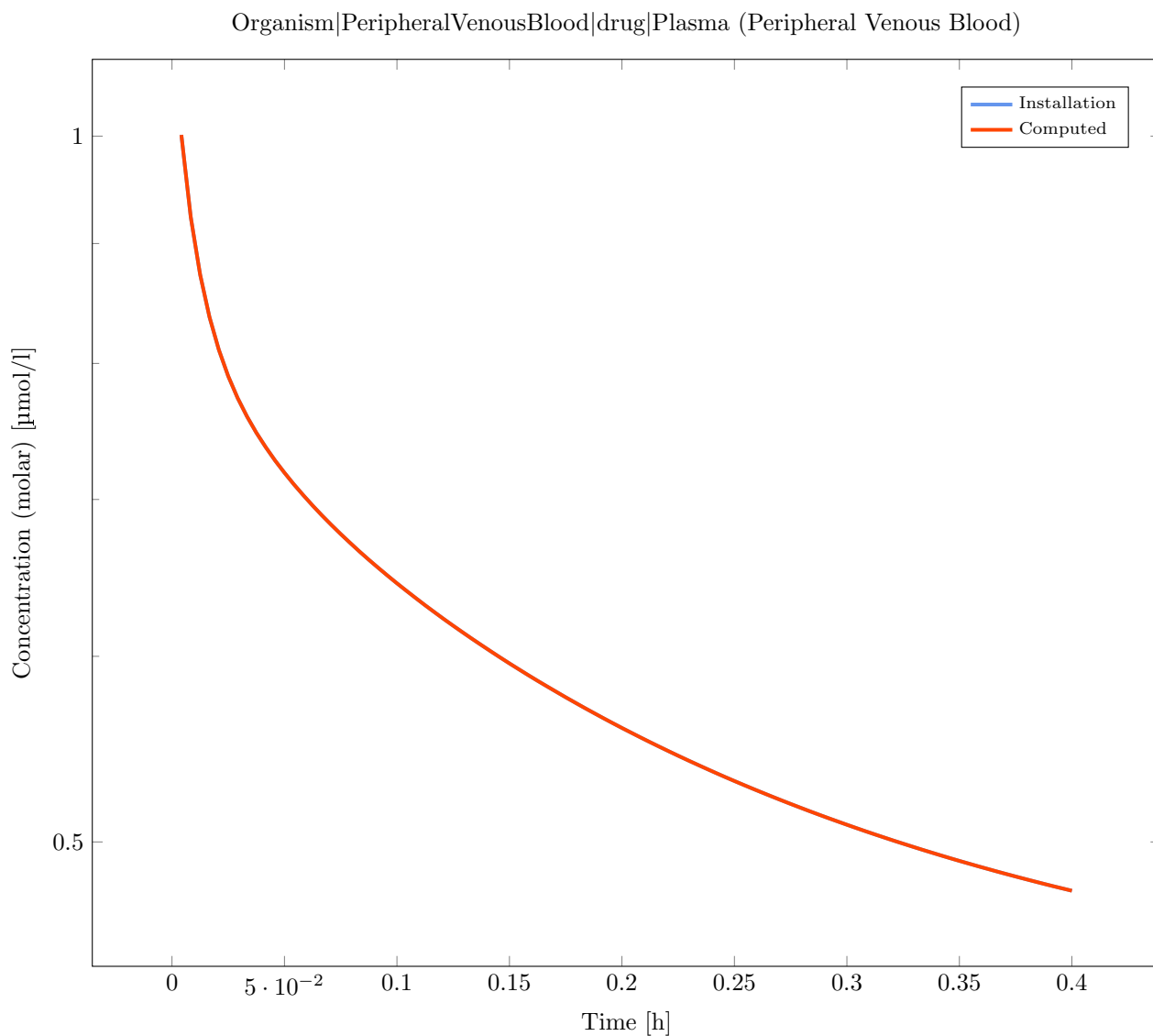


Figure 1.92

**Simulation:** SingleIV\_2Pores\_Mouse-SingleIV\_2Pores\_Mouse\_SimulationB

Result of the validation: Valid

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

Deviation: 0

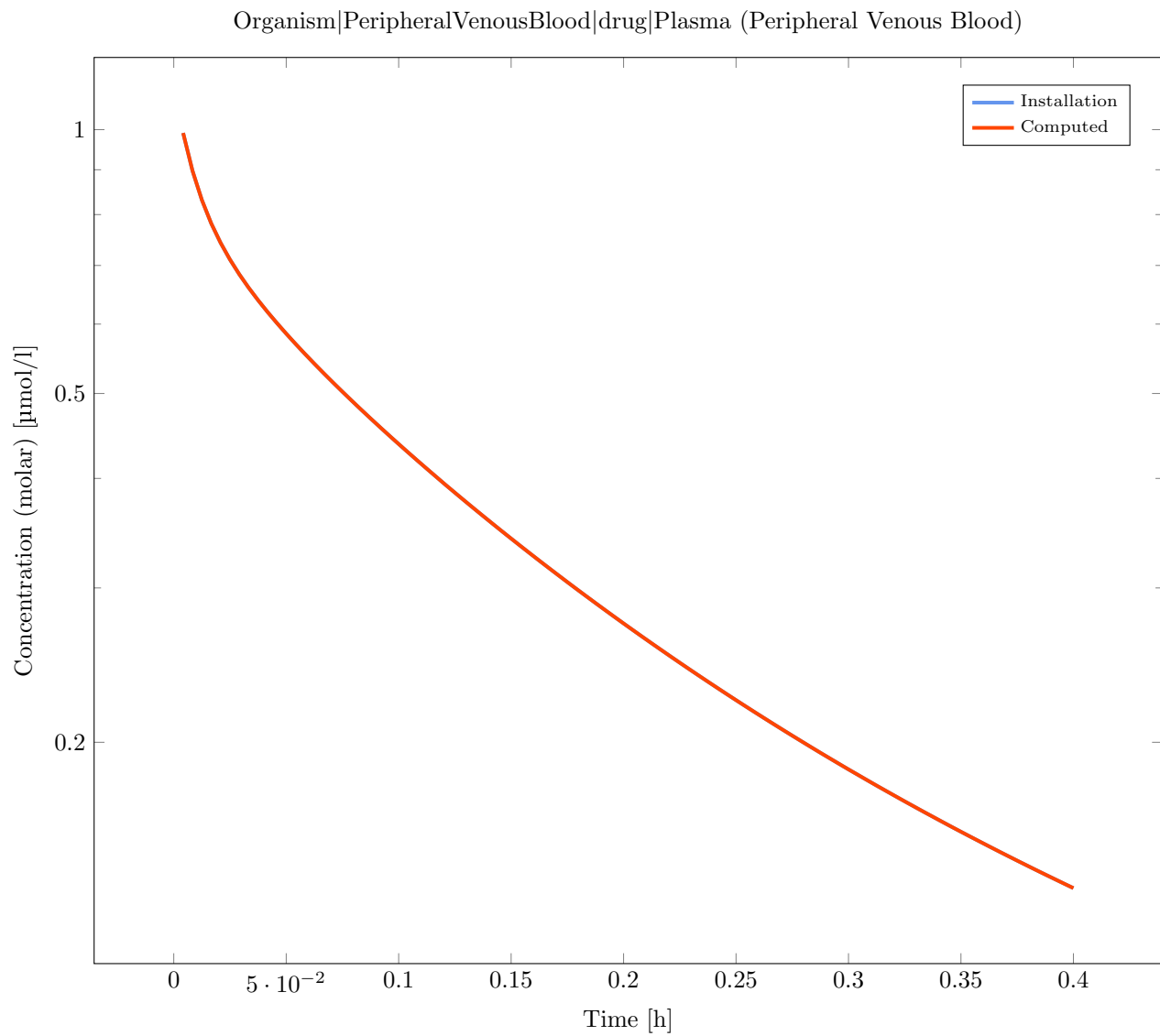


Figure 1.93

**Simulation:** SingleIV\_2Pores\_Mouse-SingleIV\_2Pores\_Mouse\_SimulationE

Result of the validation: Valid

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

Deviation: 0



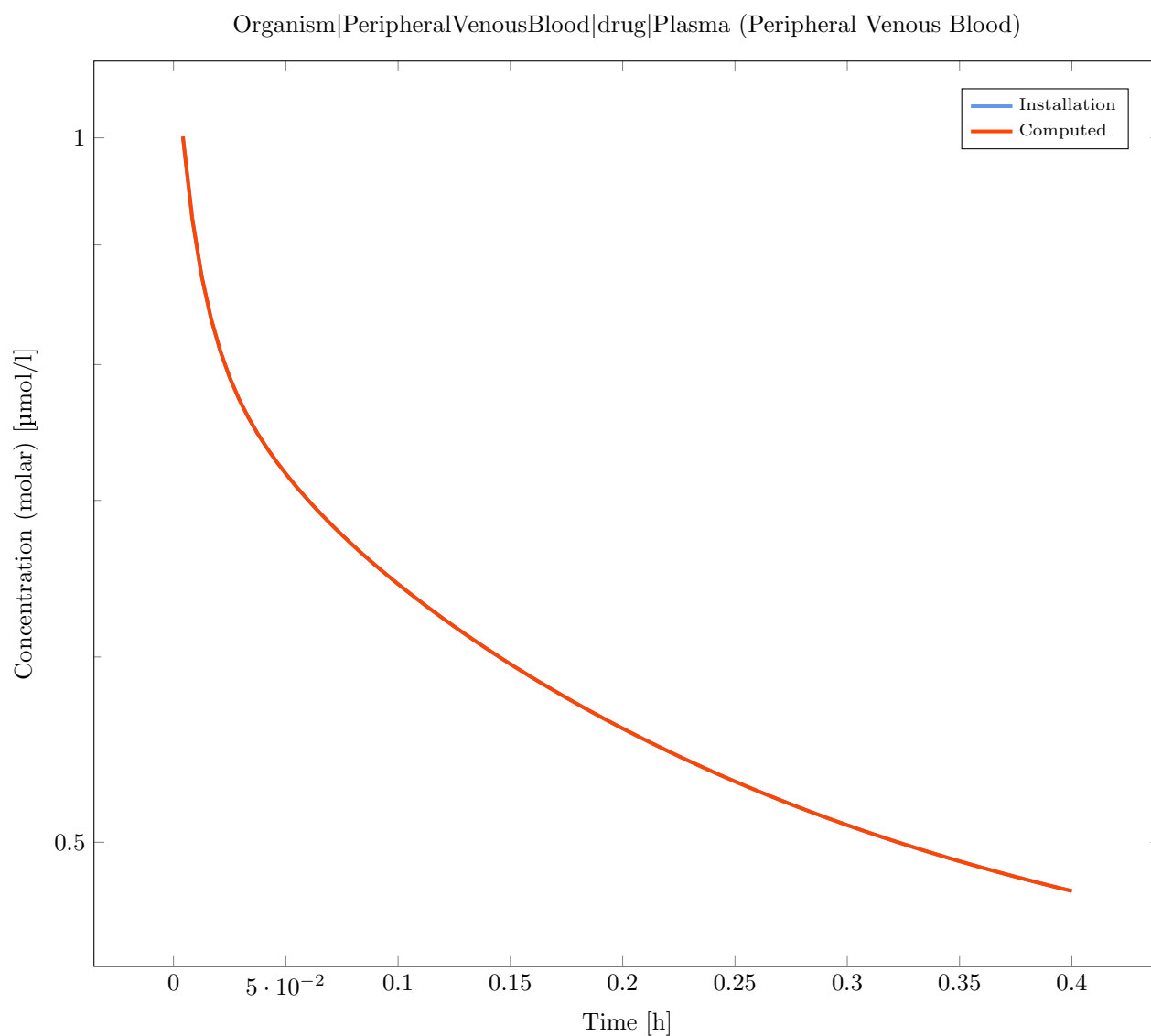


Figure 1.94

**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

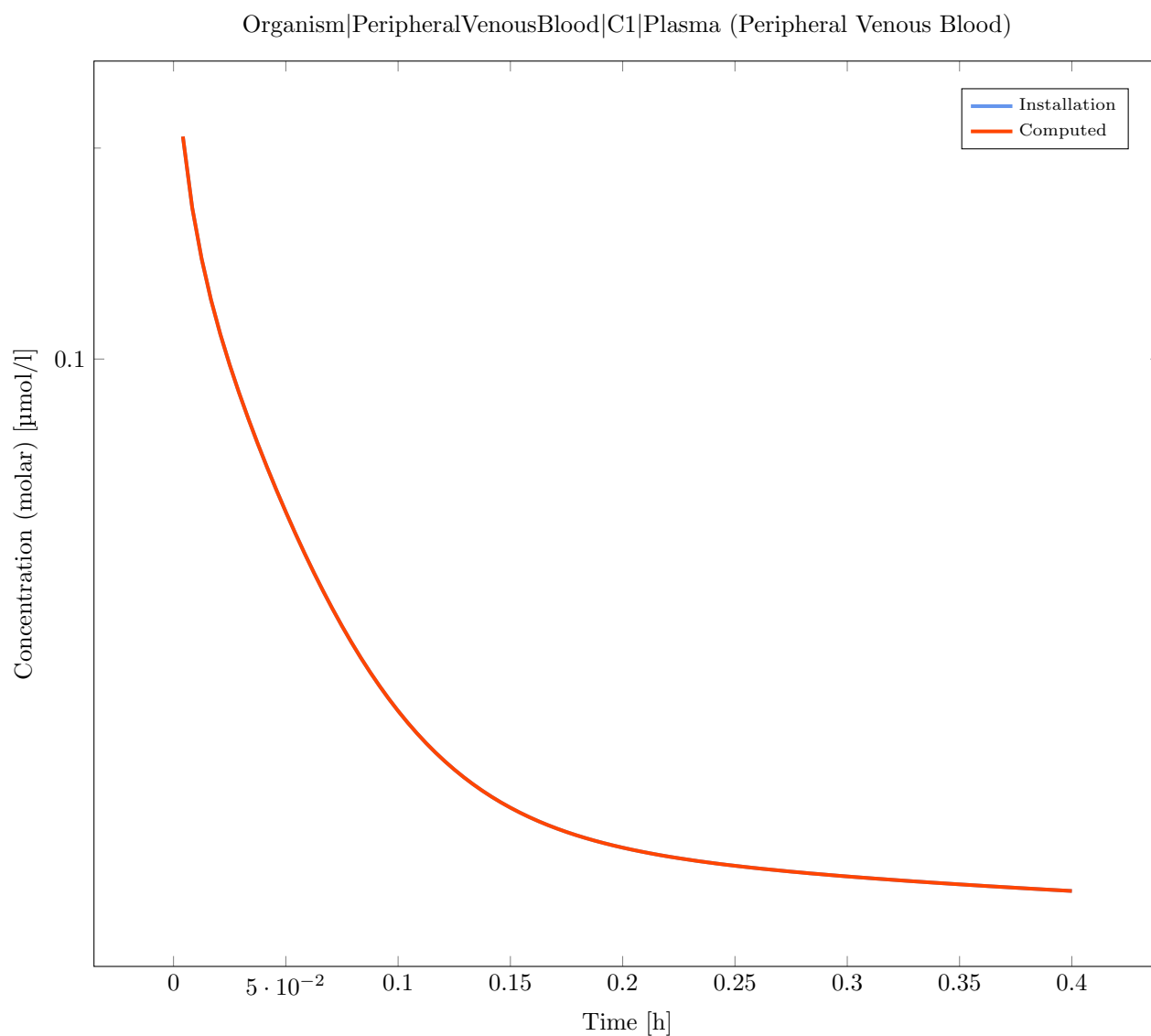


Figure 1.95

**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

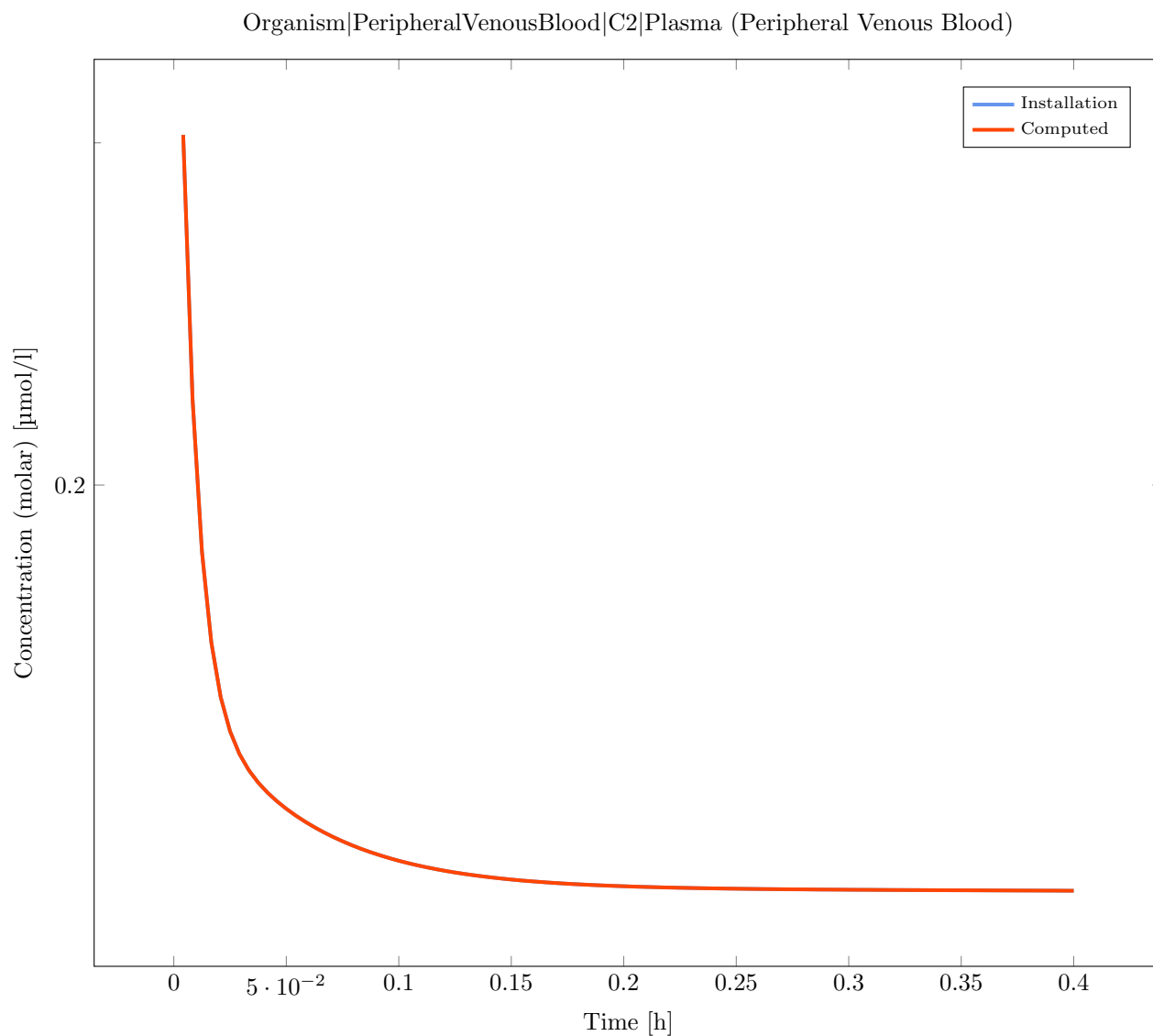


Figure 1.96

**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

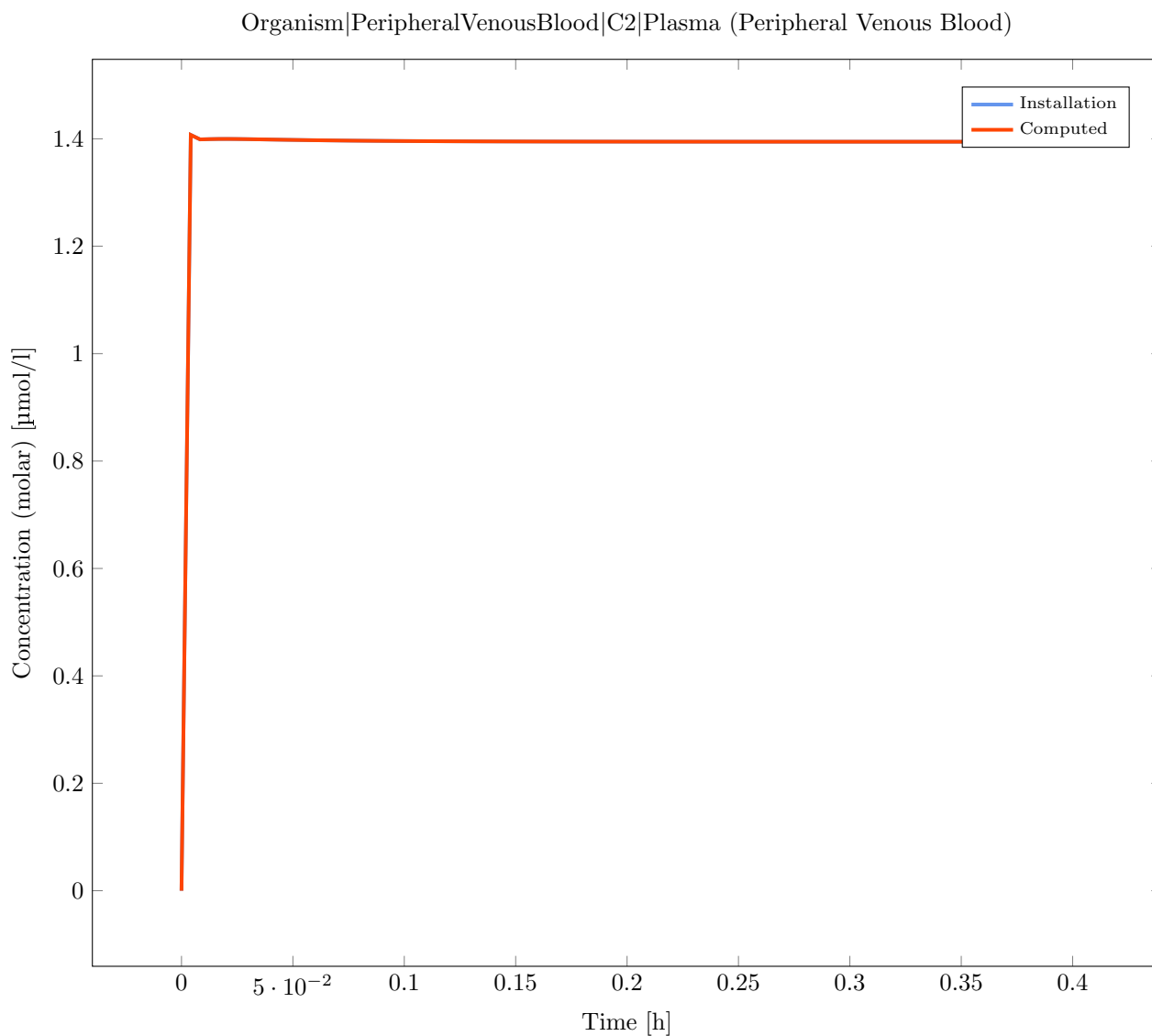


Figure 1.97

**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

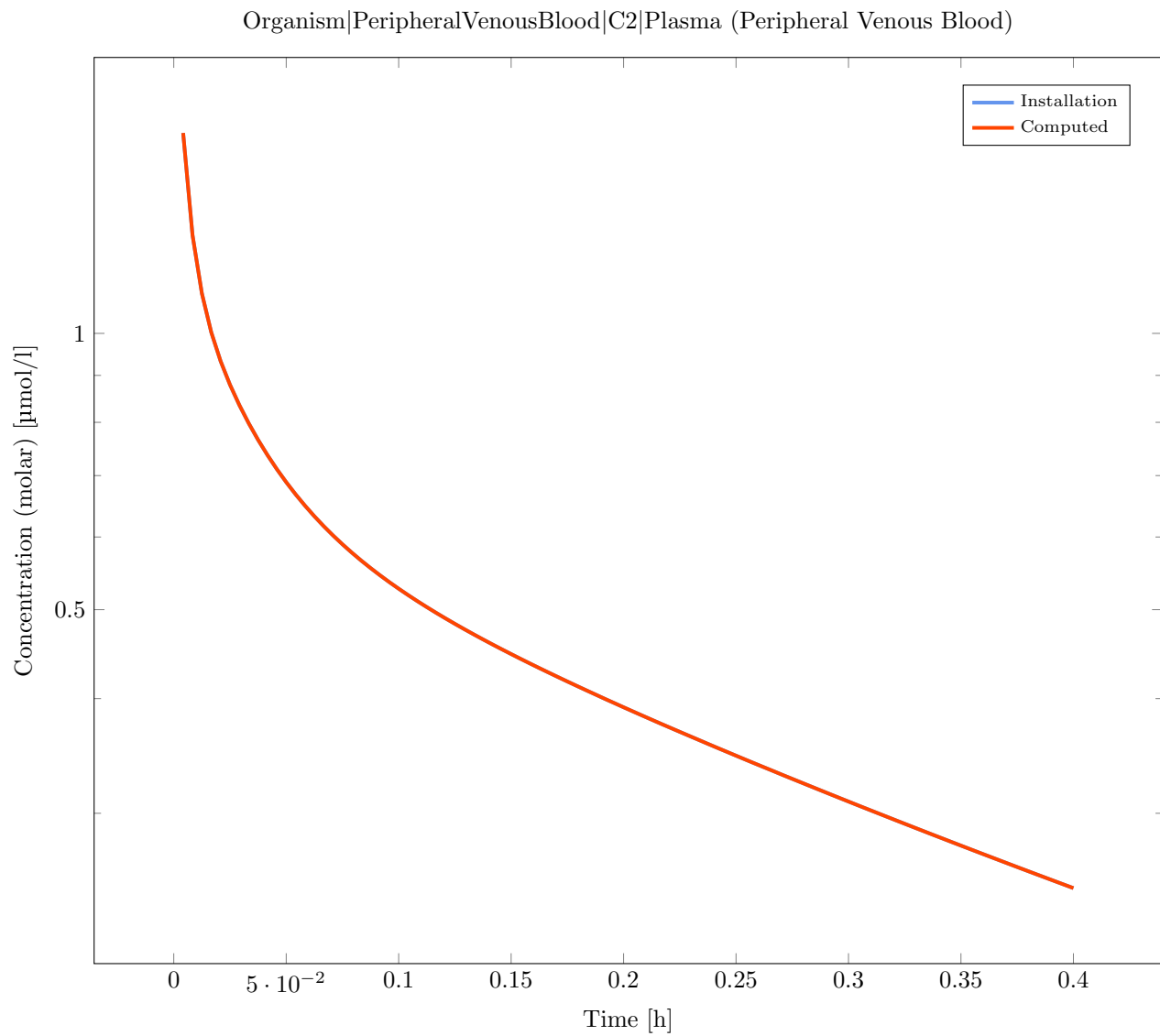


Figure 1.98

**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

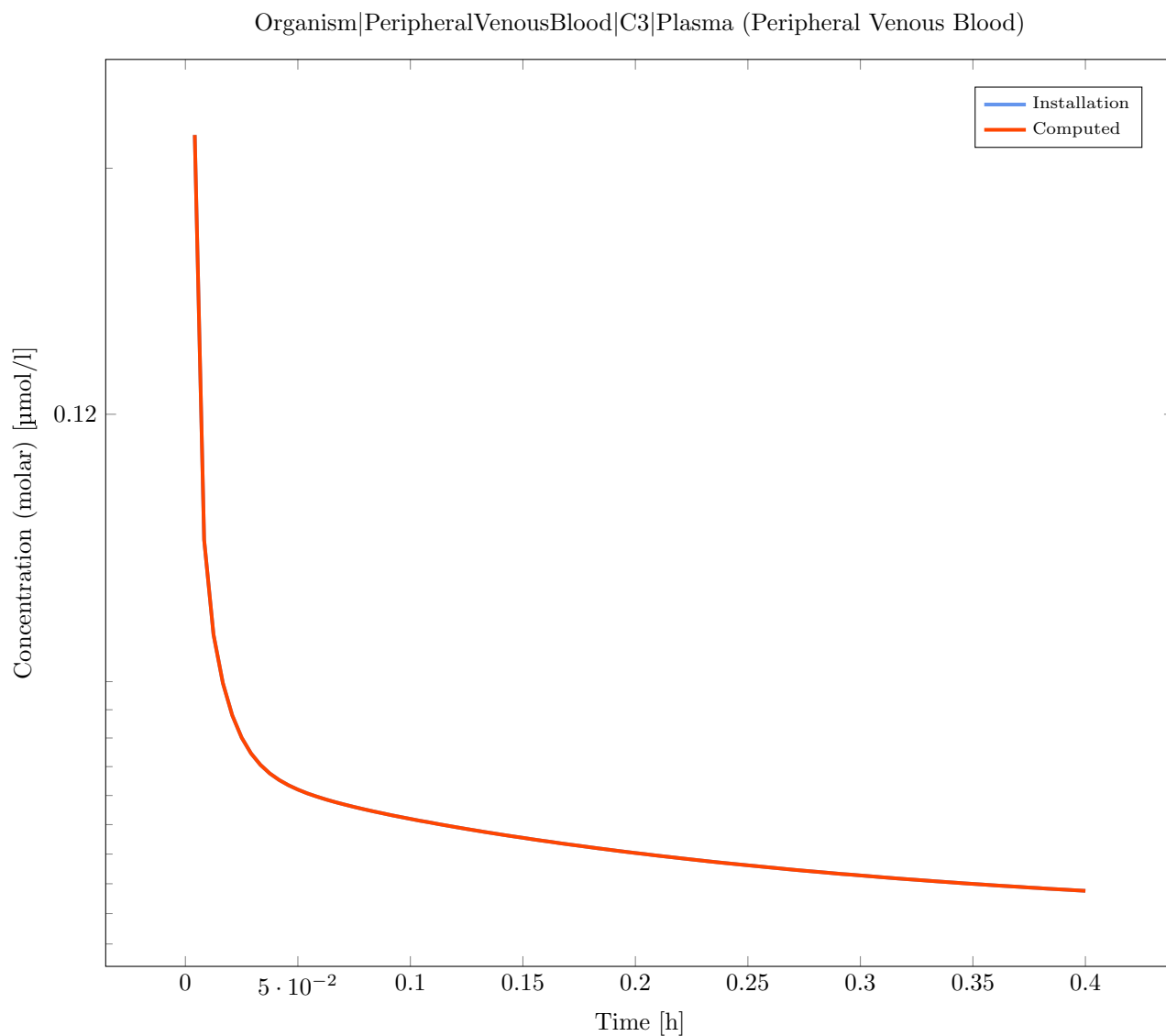


Figure 1.99

**Simulation:** SingleIV\_C3\_4Comp\_standard\_schmittnormalized\_standard-SingleIV\_C3\_4Comp\_standard\_schmittnormalized\_standard

Result of the validation: Valid

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

Deviation: 0

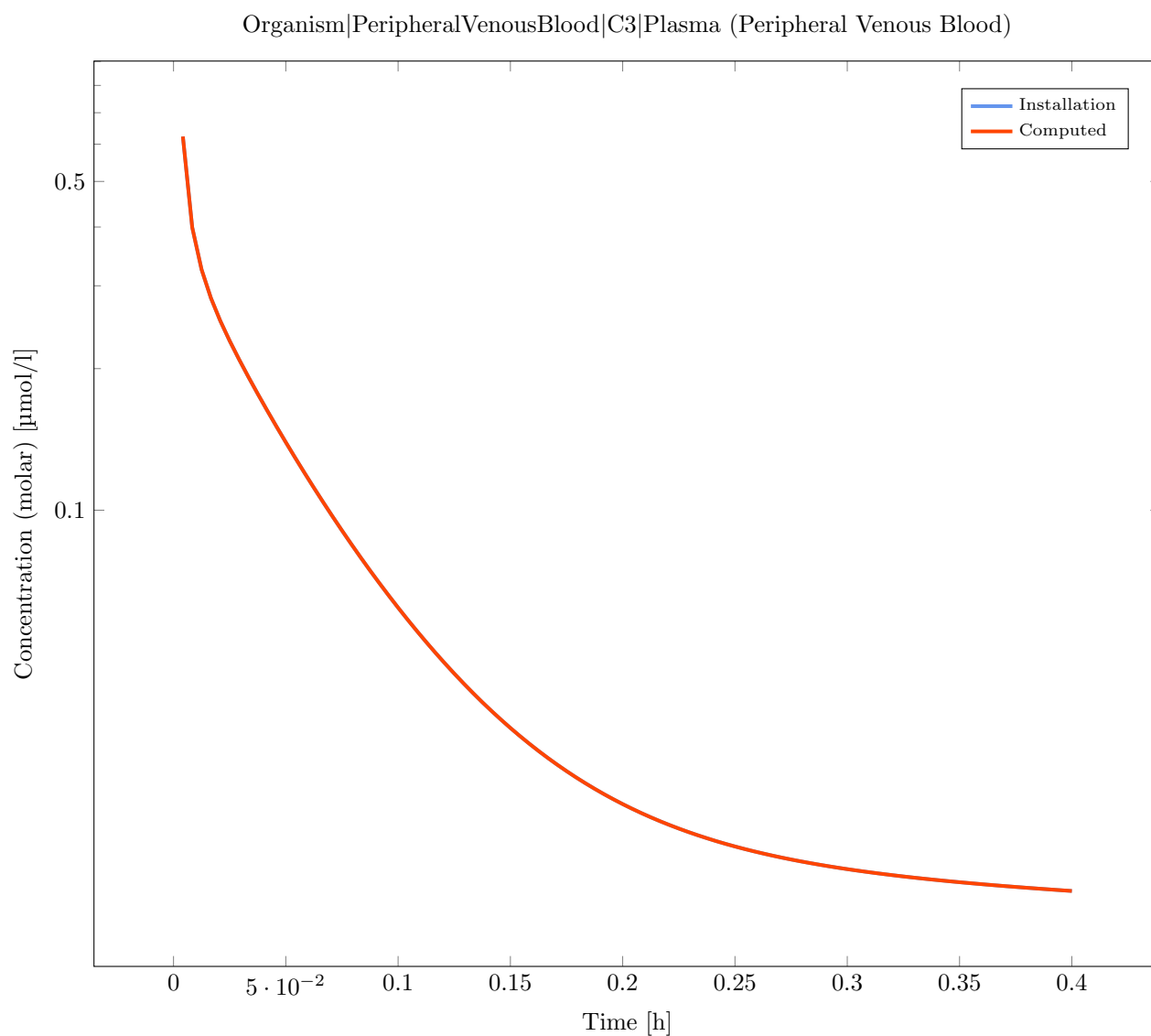


Figure 1.100

**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

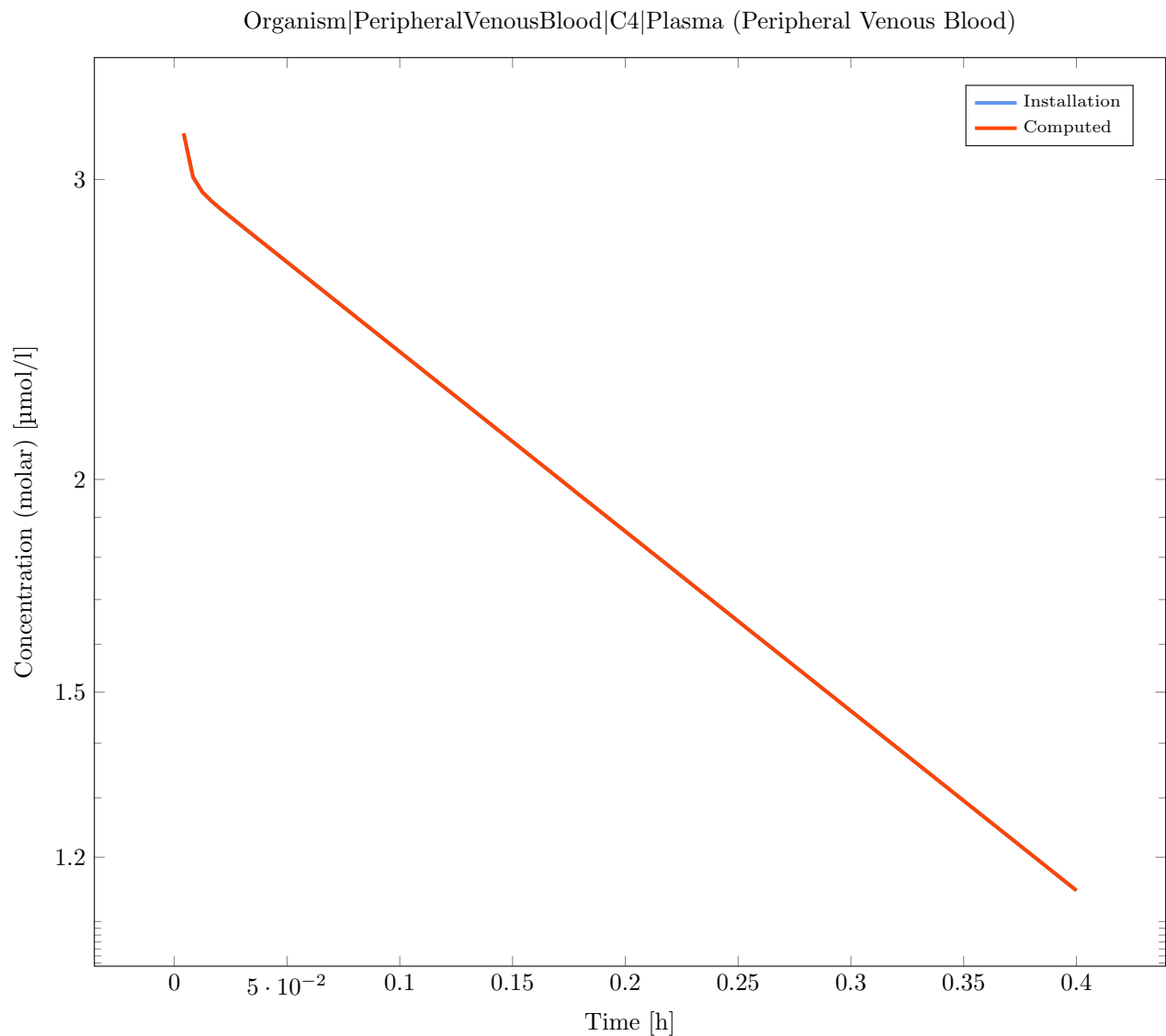


Figure 1.101

**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



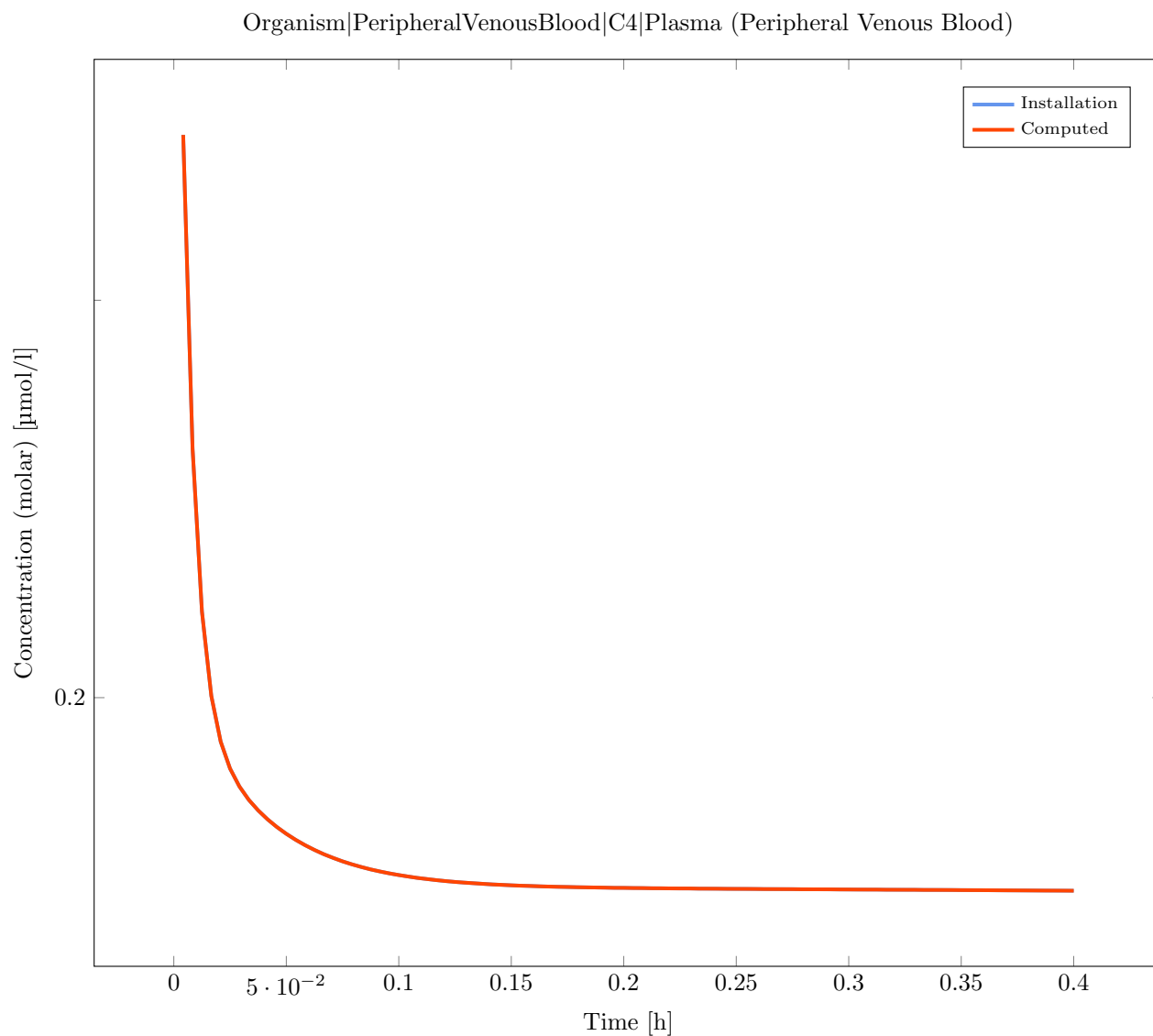


Figure 1.102

**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

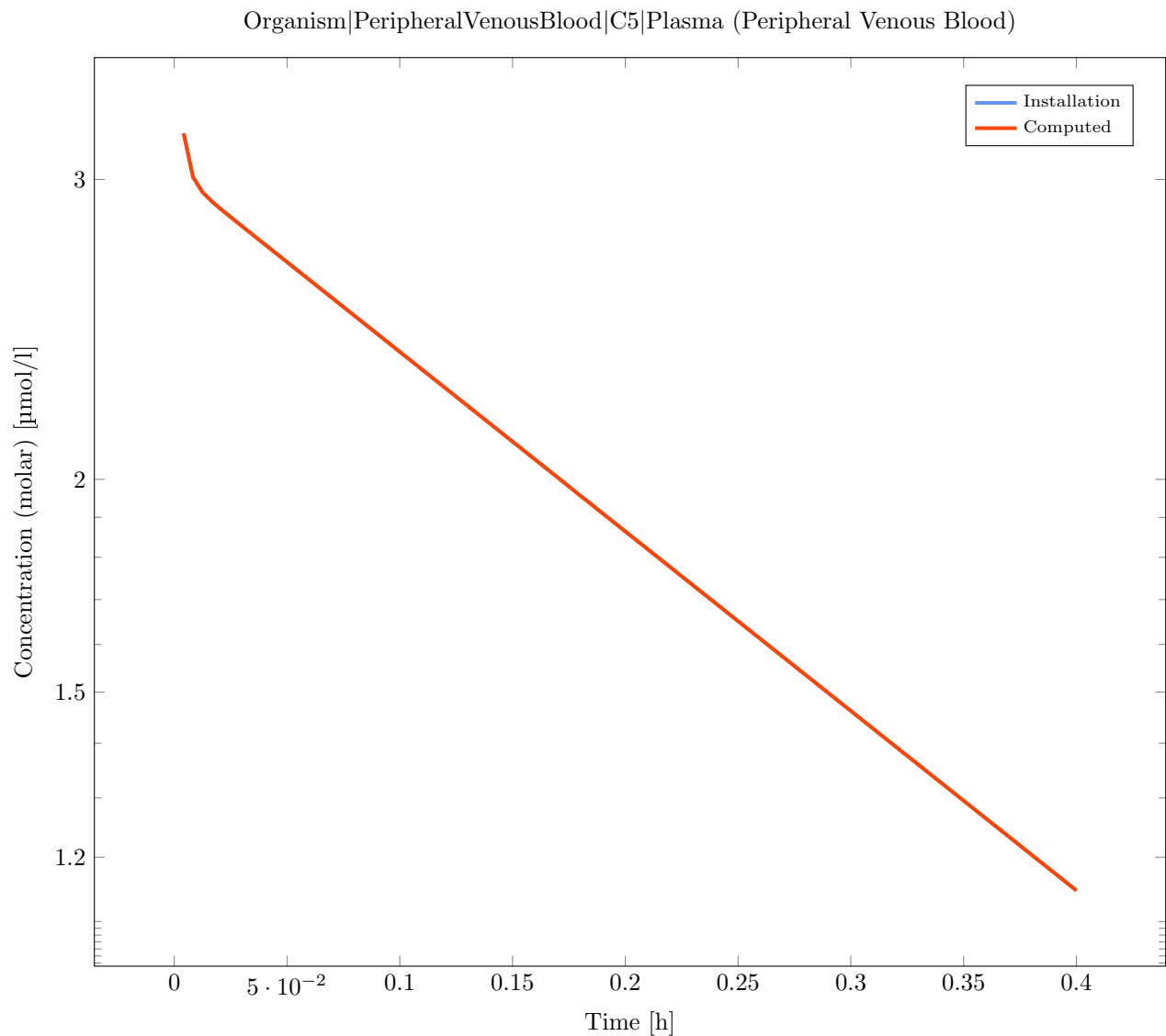


Figure 1.103

**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

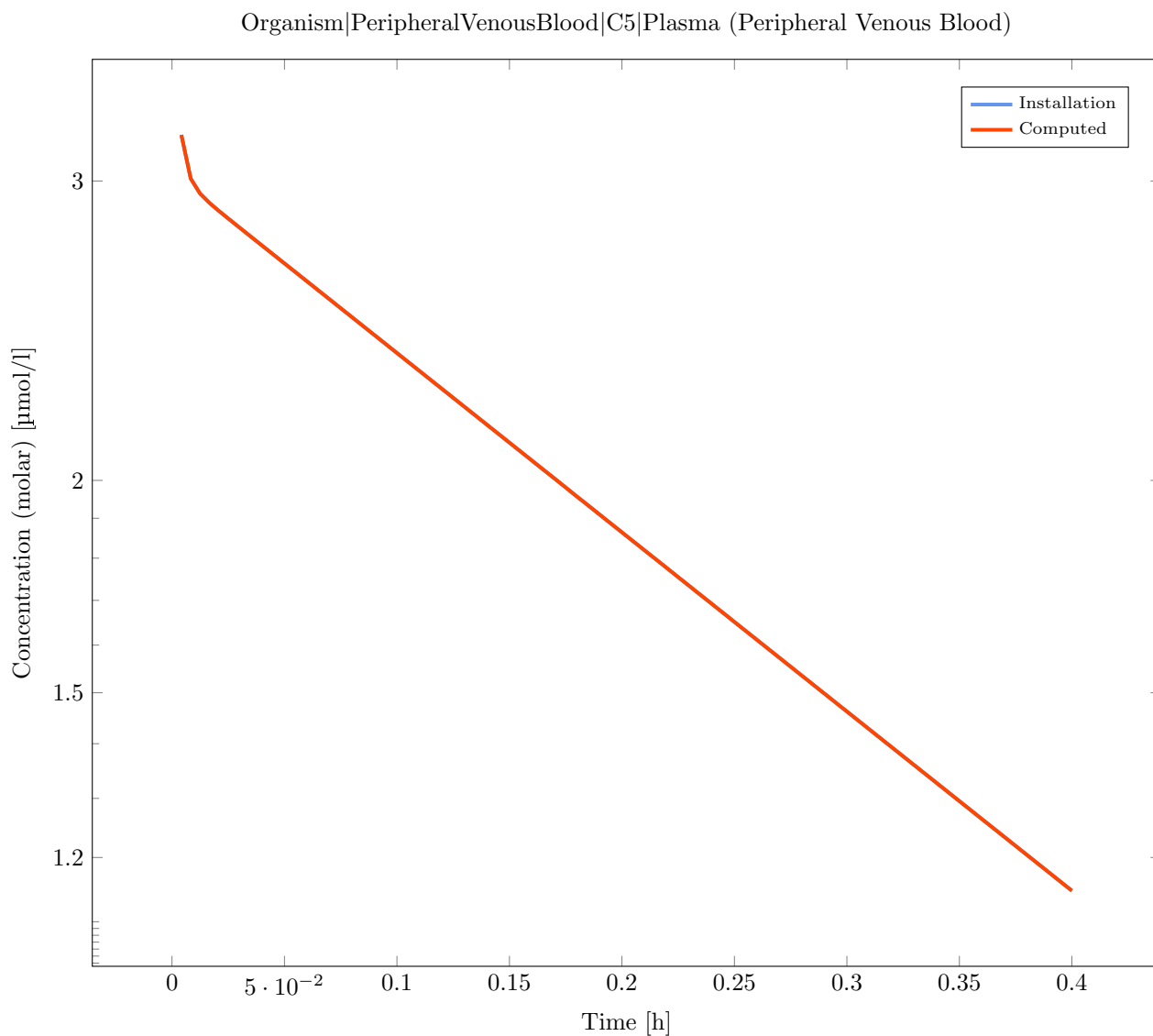


Figure 1.104

**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

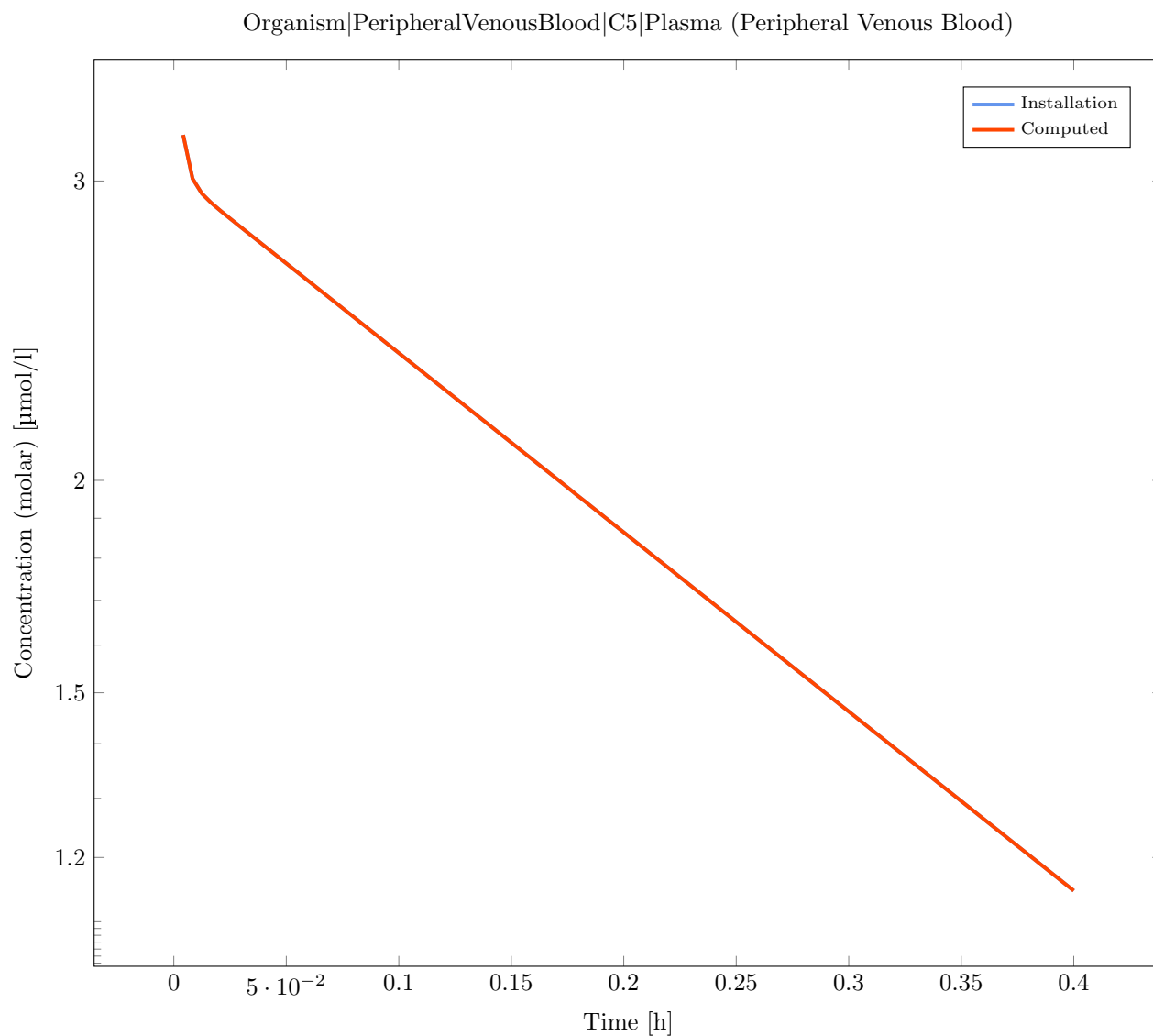


Figure 1.105

**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

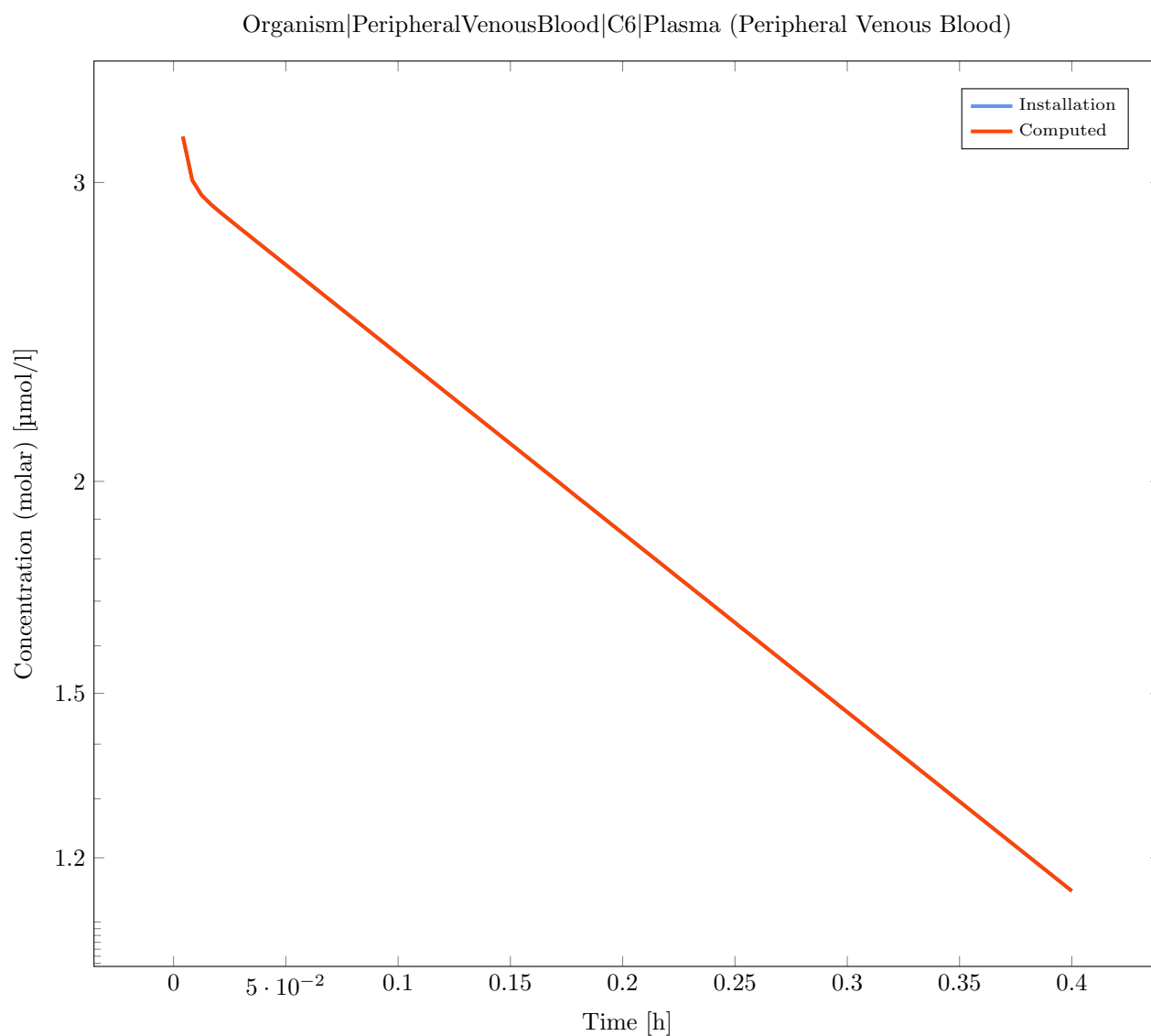


Figure 1.106

**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

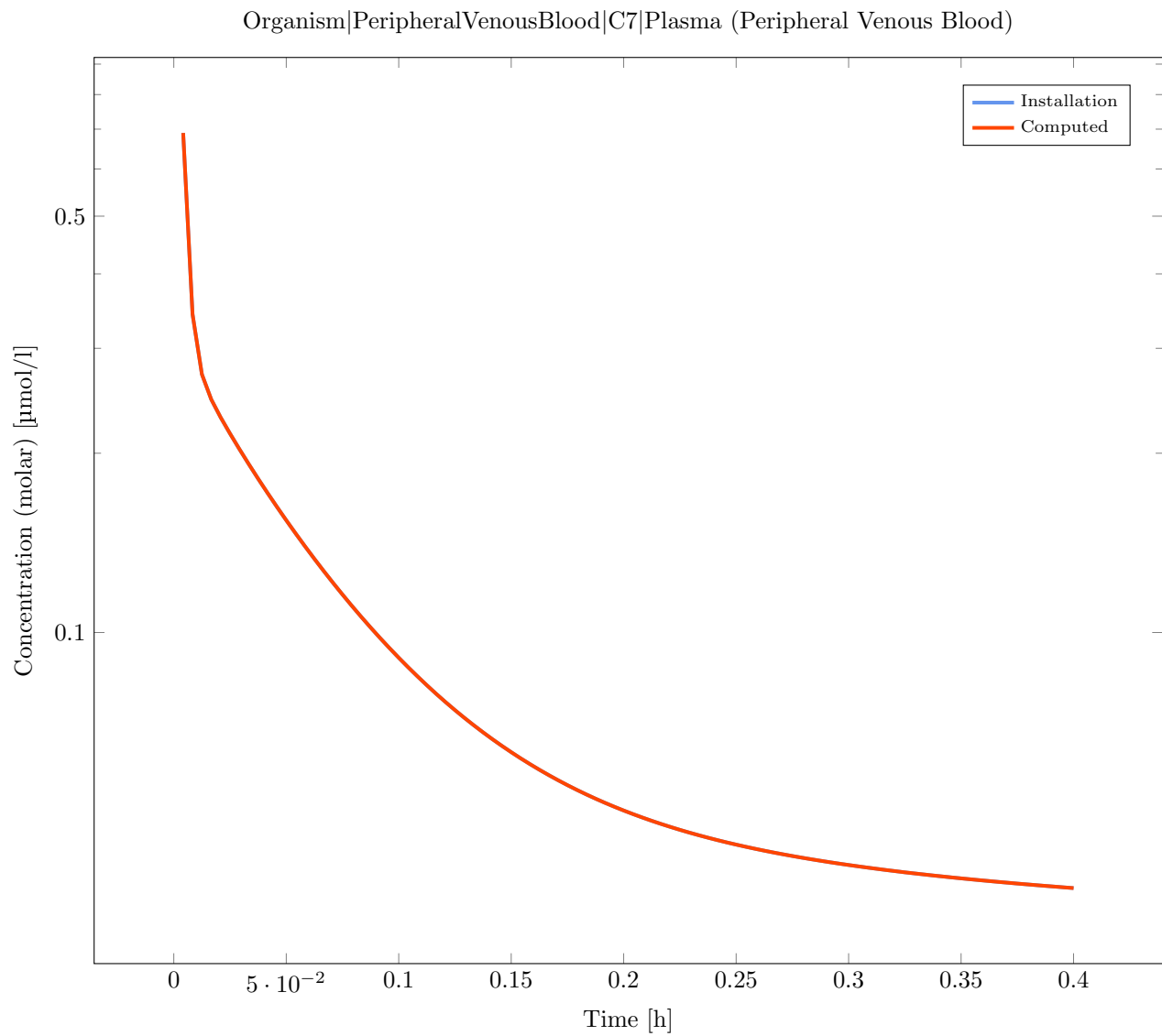


Figure 1.107

**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

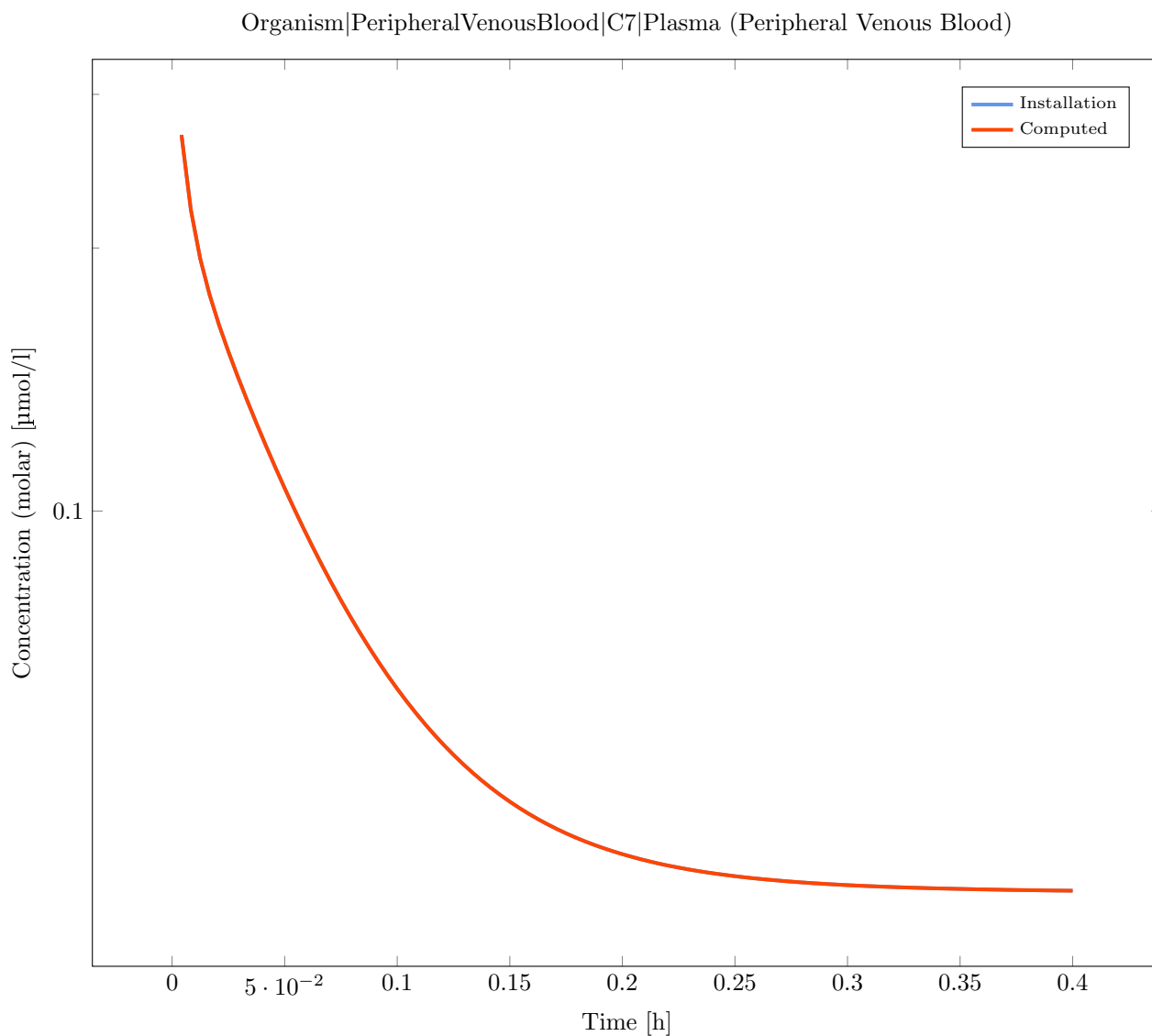


Figure 1.108

**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

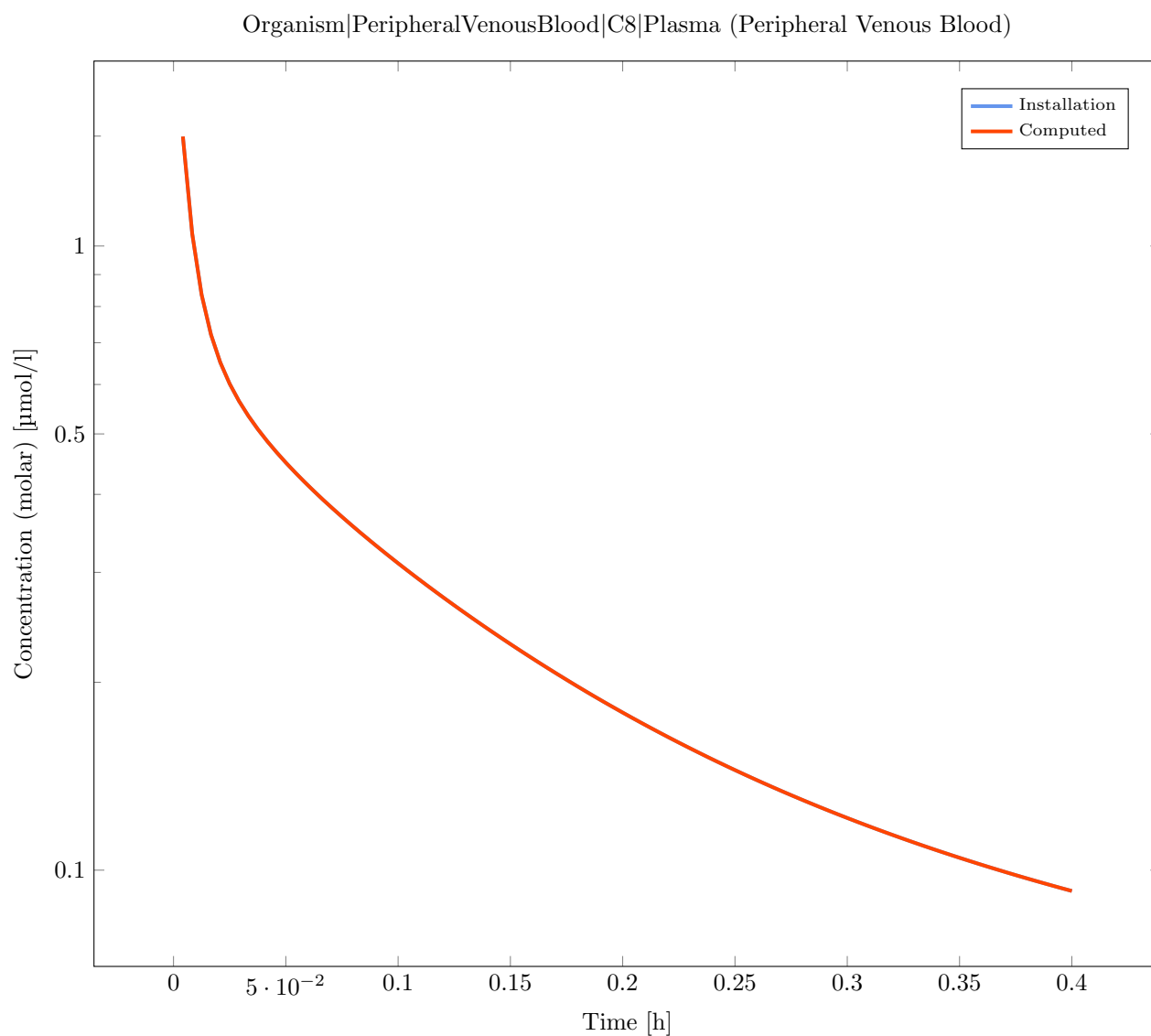


Figure 1.109

**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



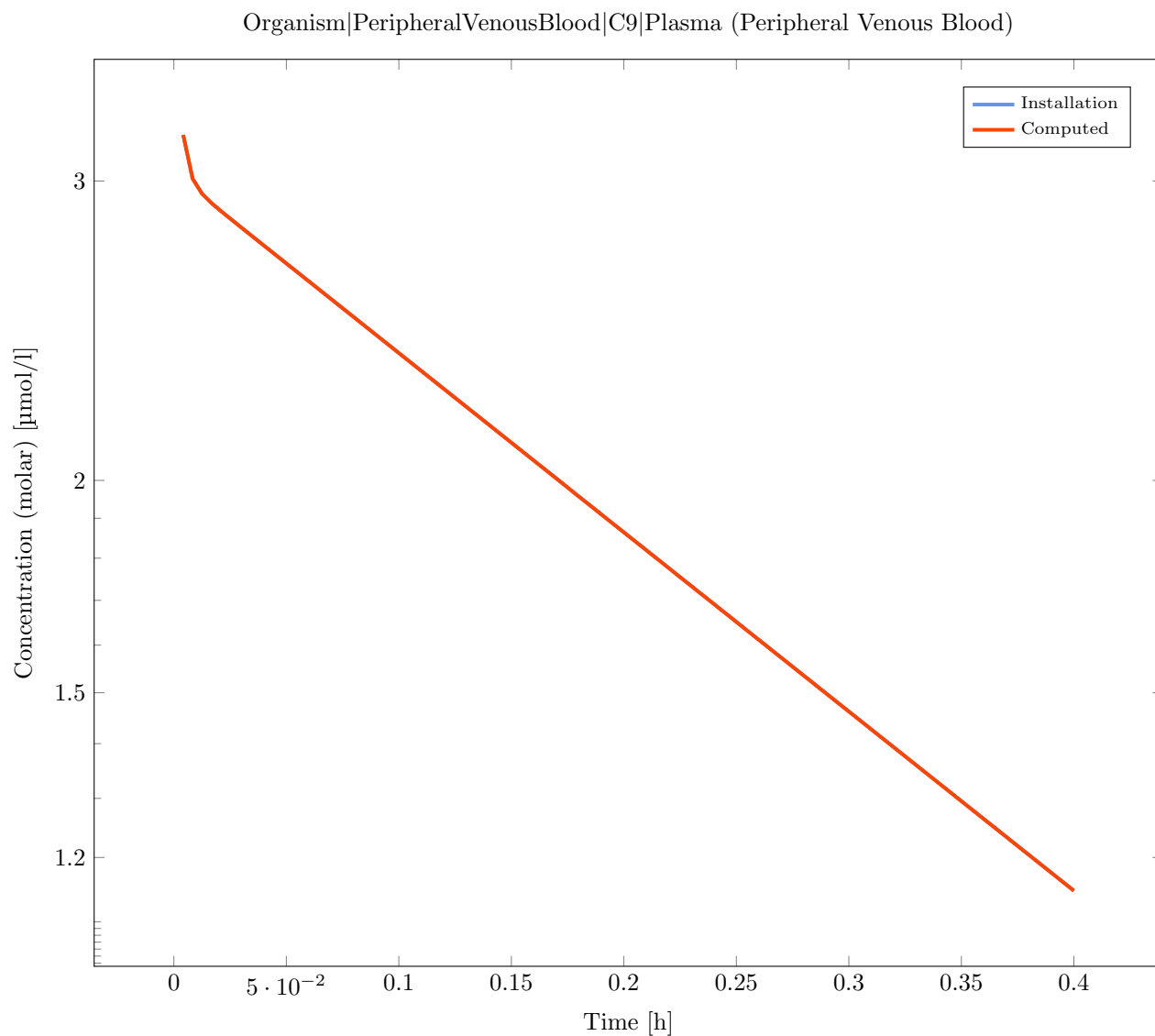


Figure 1.110

**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

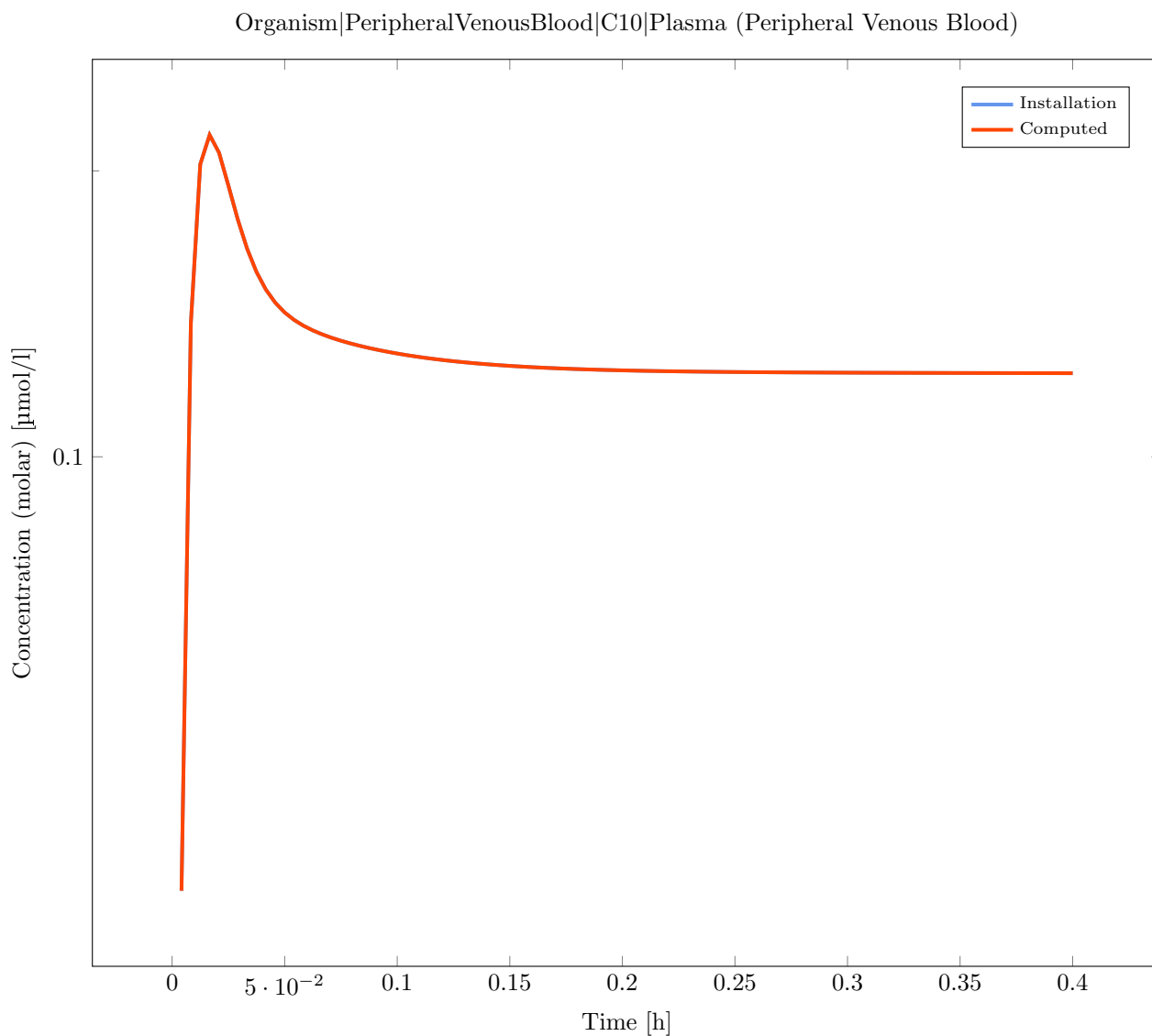


Figure 1.111

**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

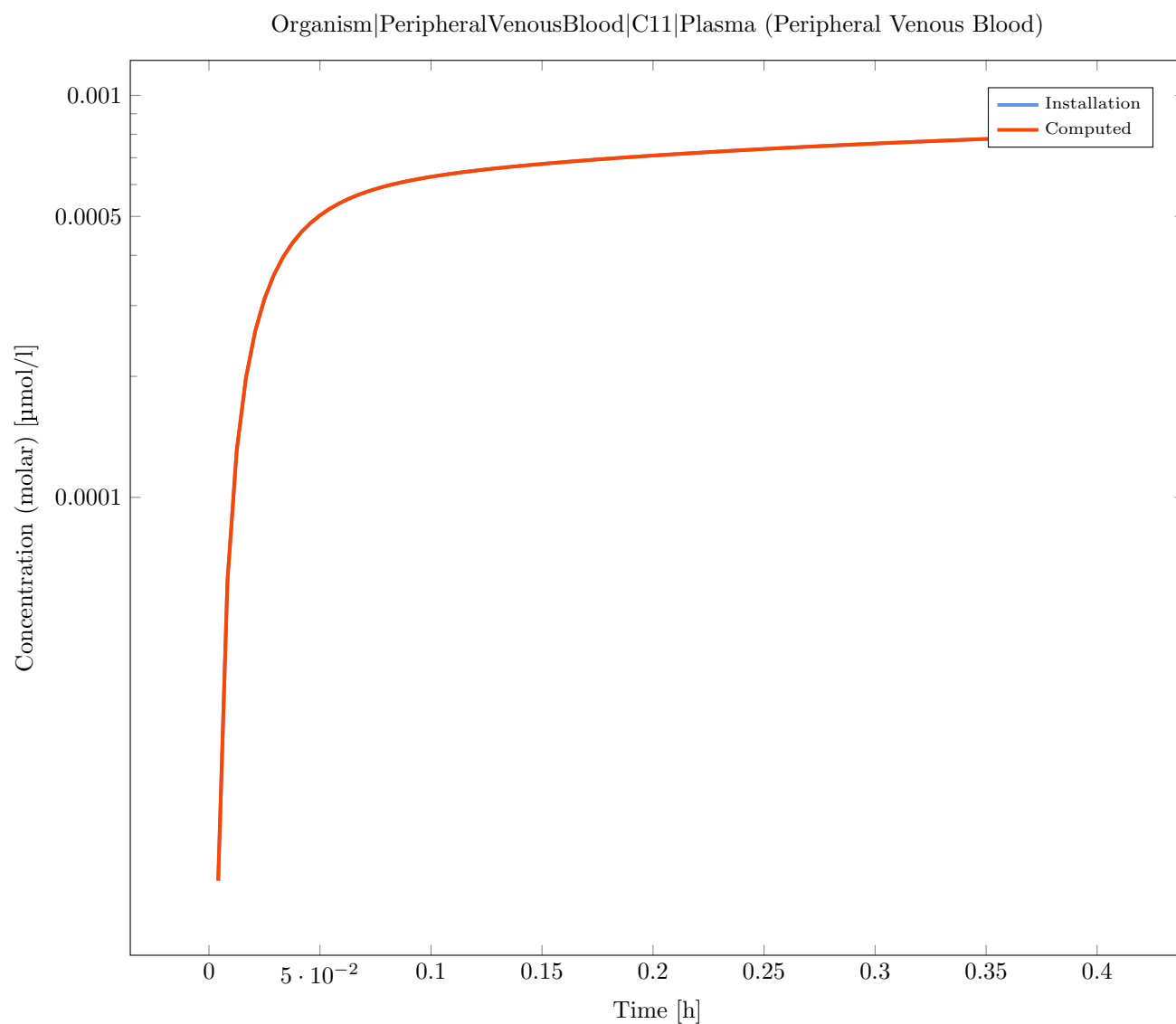


Figure 1.112

**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

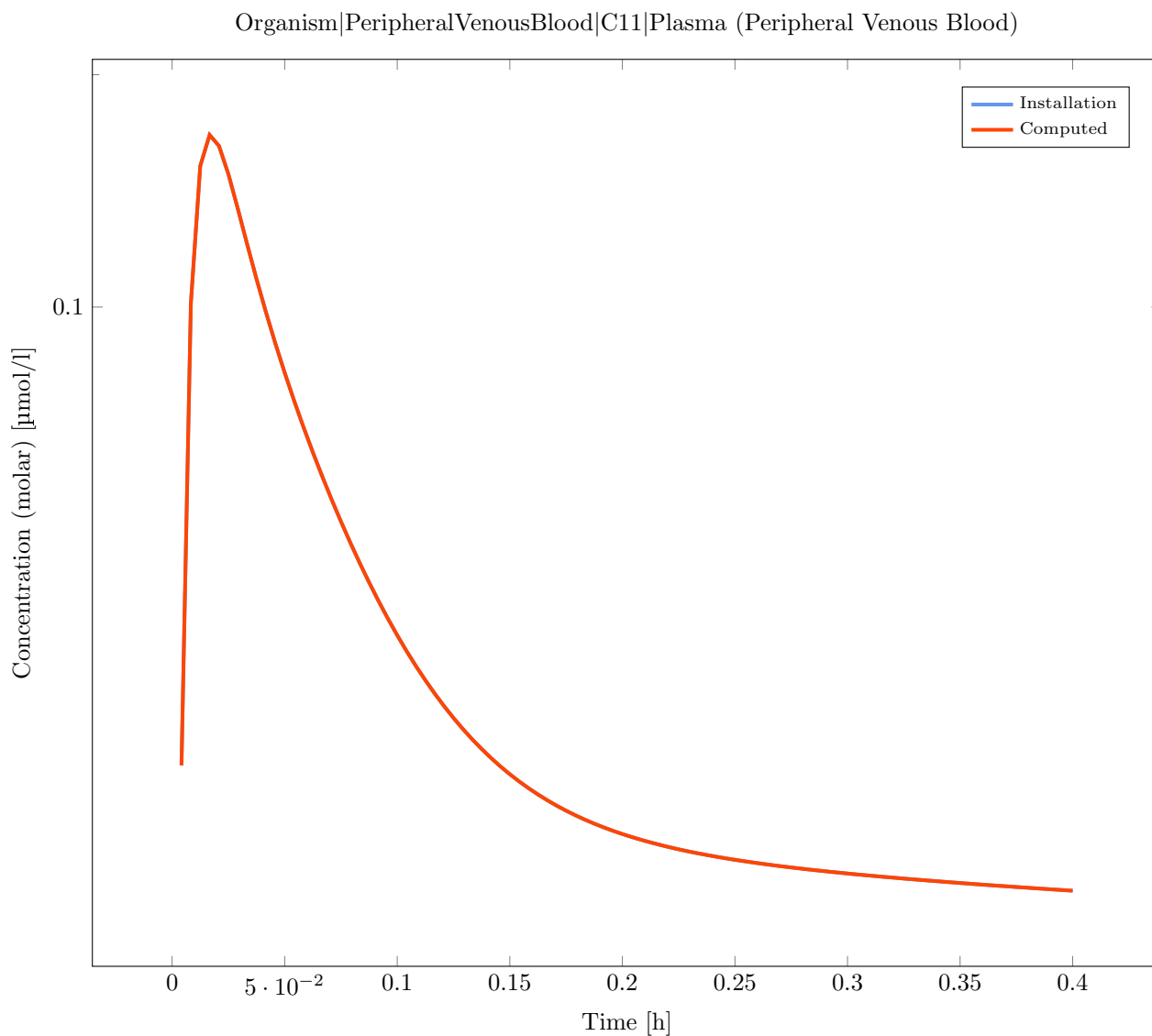


Figure 1.113

**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

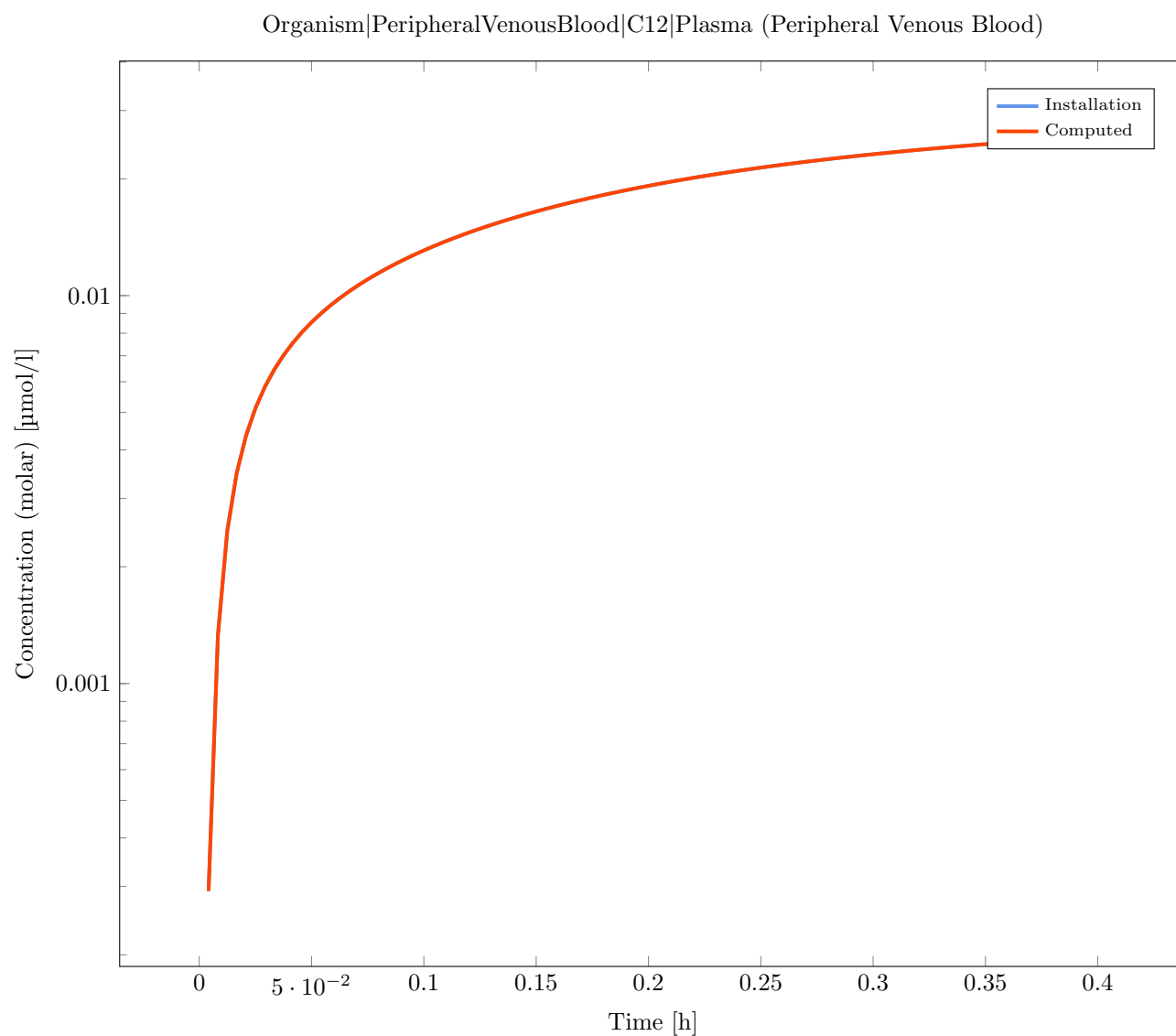


Figure 1.114

**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

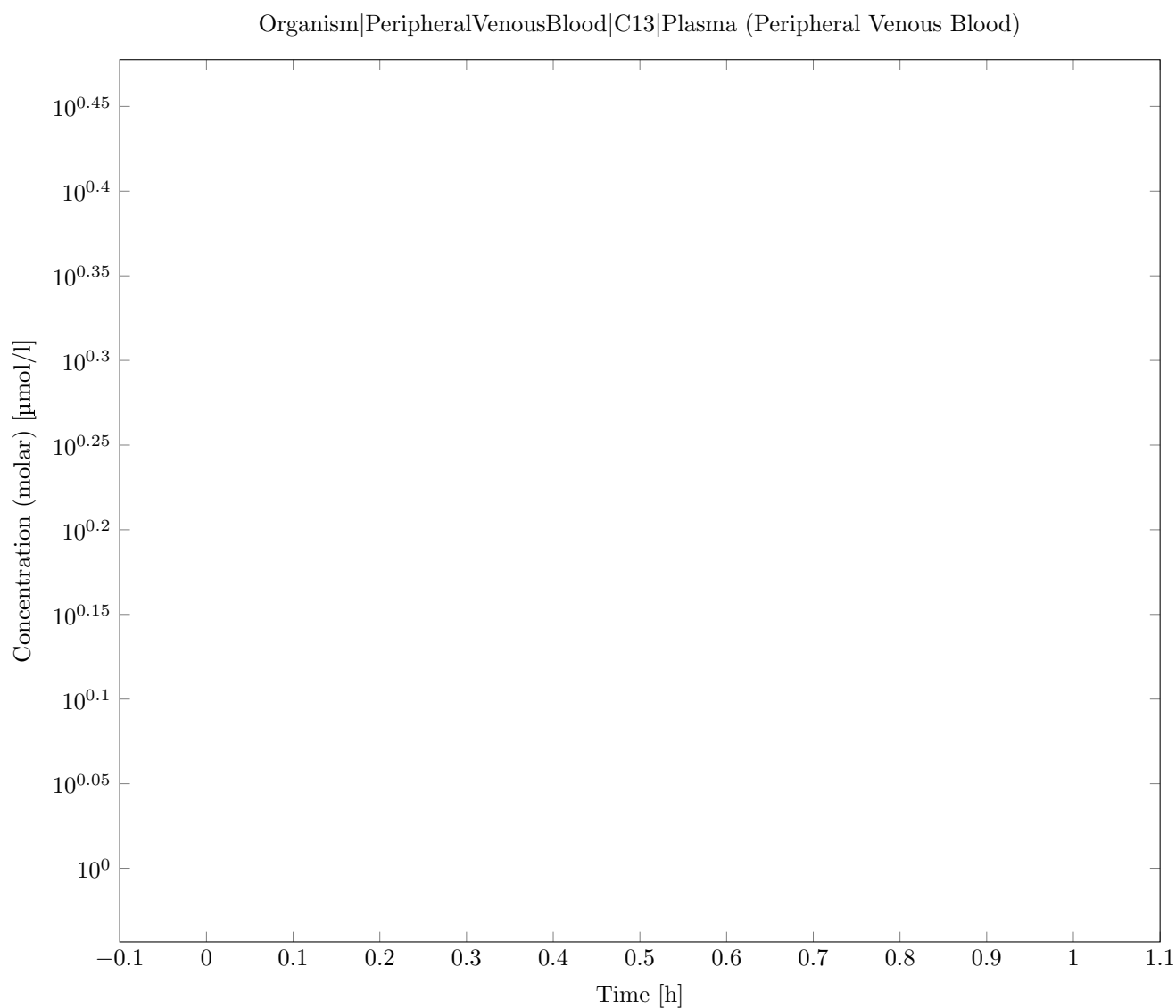


Figure 1.115

**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

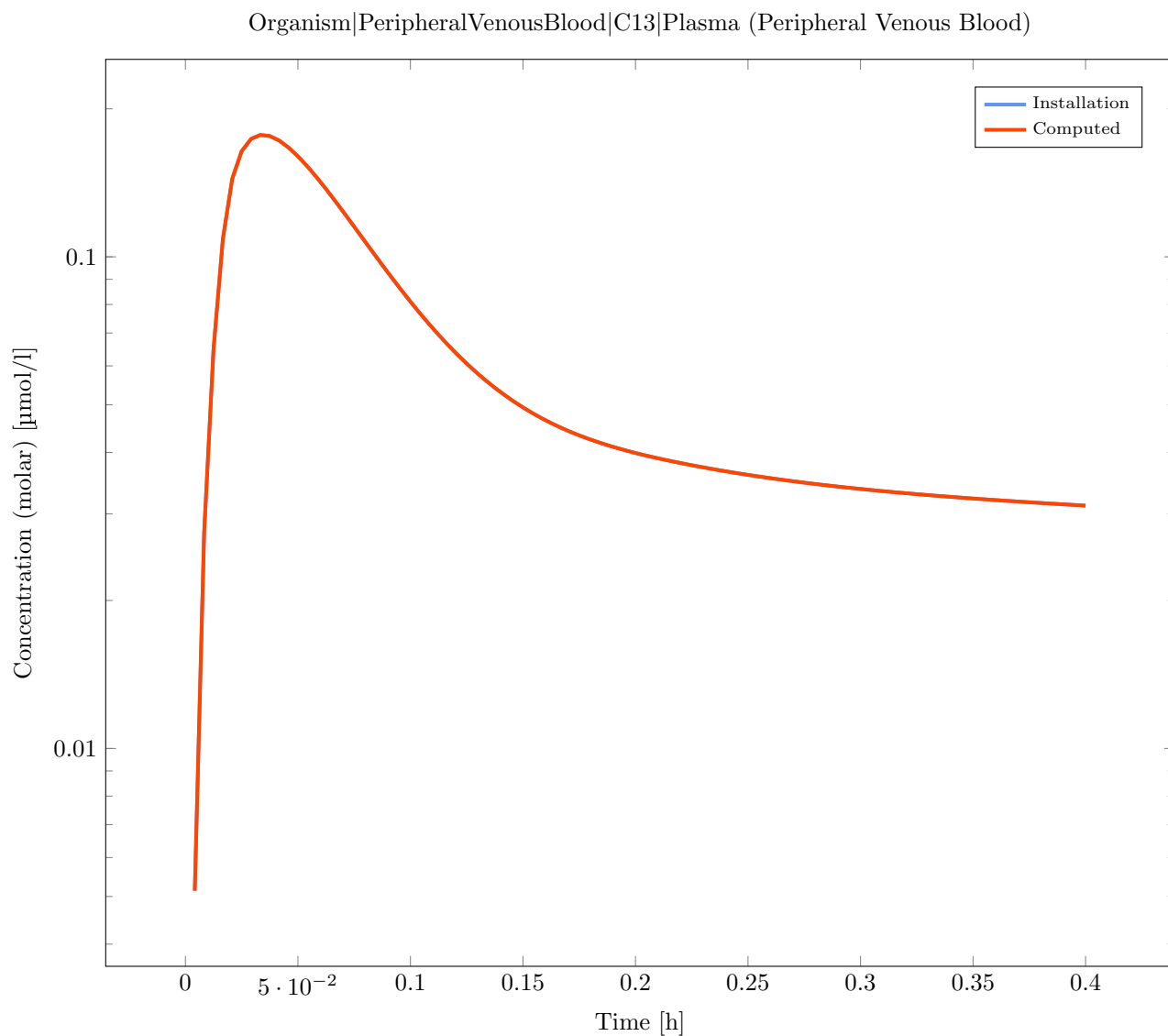


Figure 1.116

**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

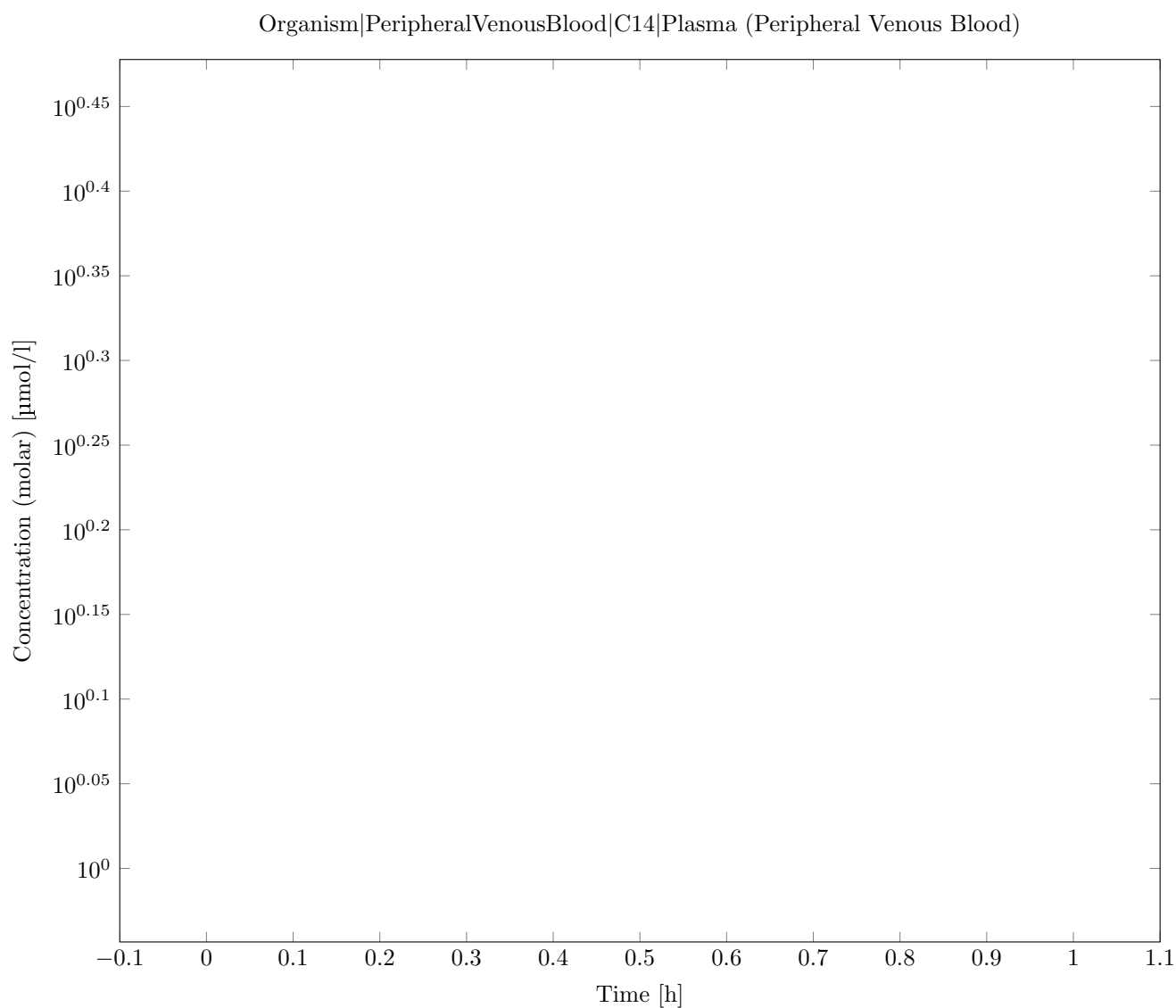


Figure 1.117

**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



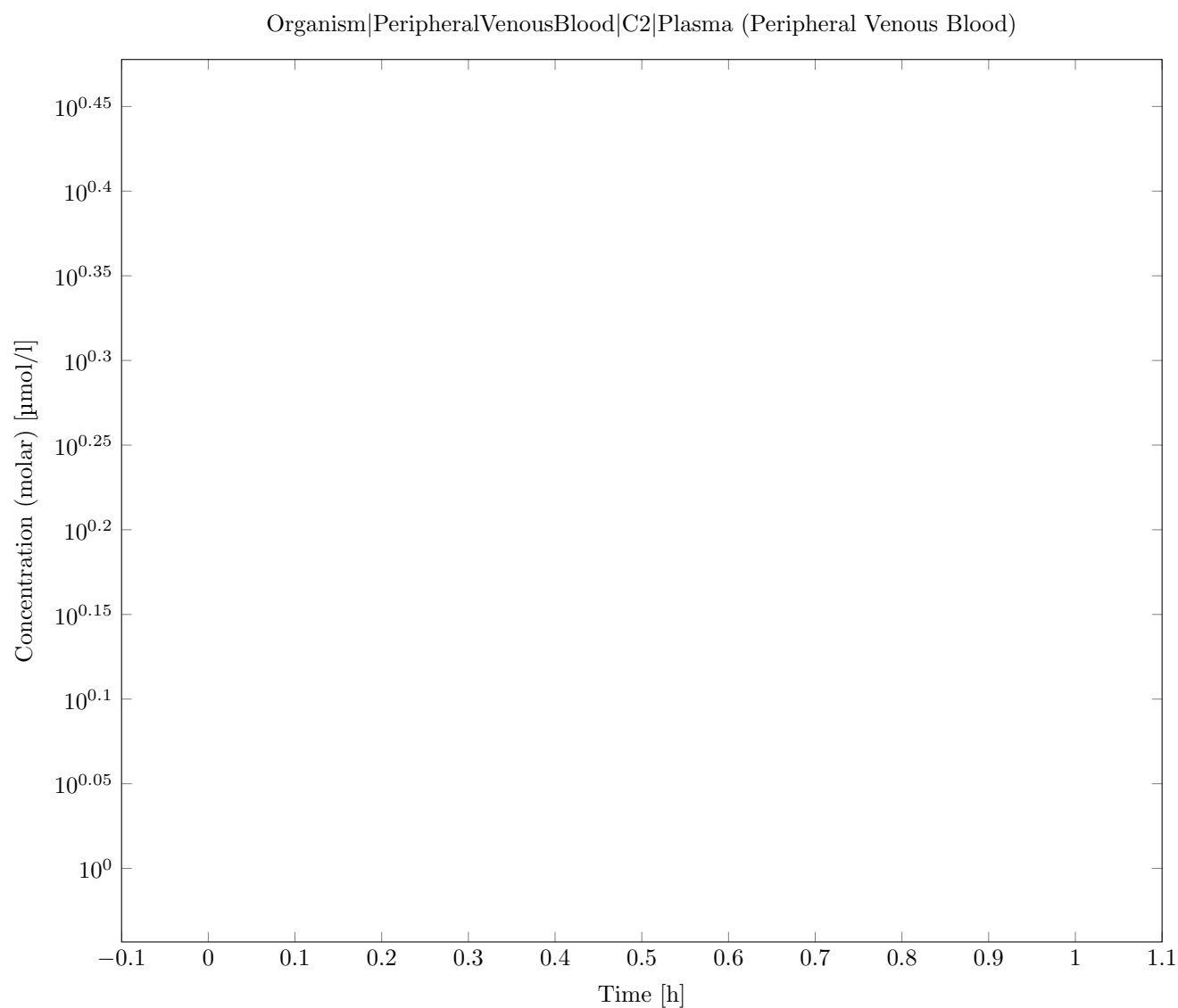


Figure 1.118

**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

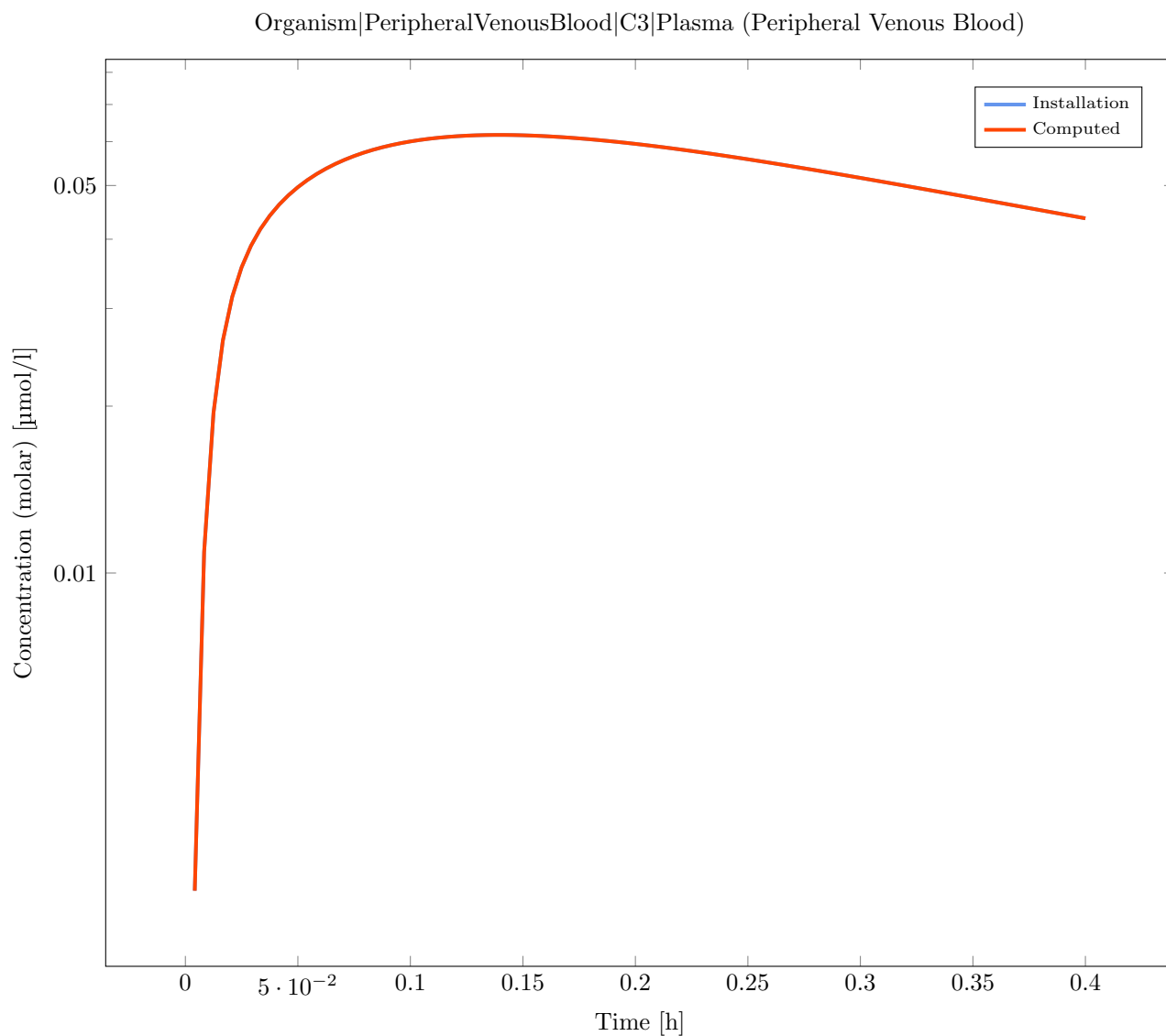


Figure 1.119

**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

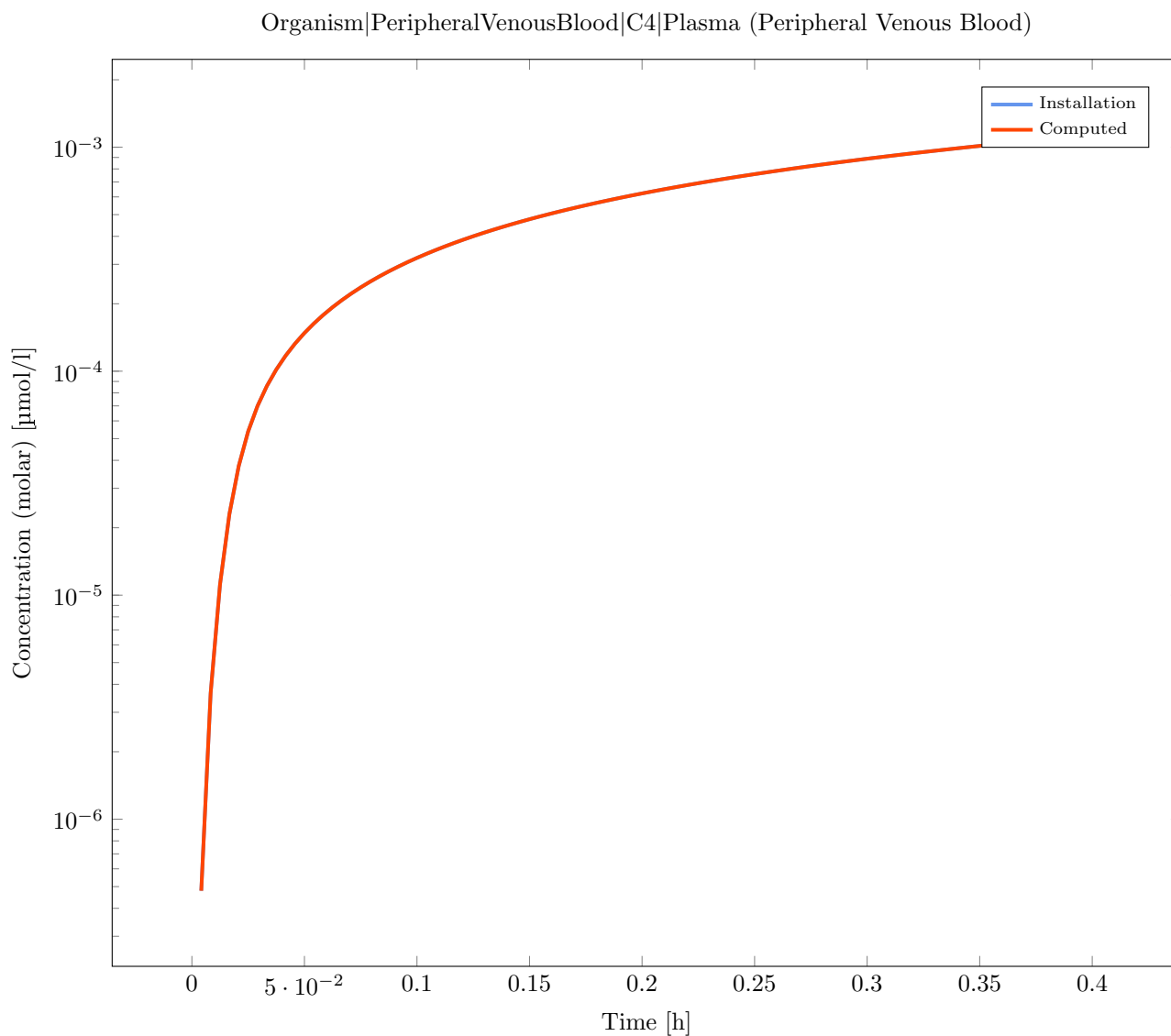


Figure 1.120

**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

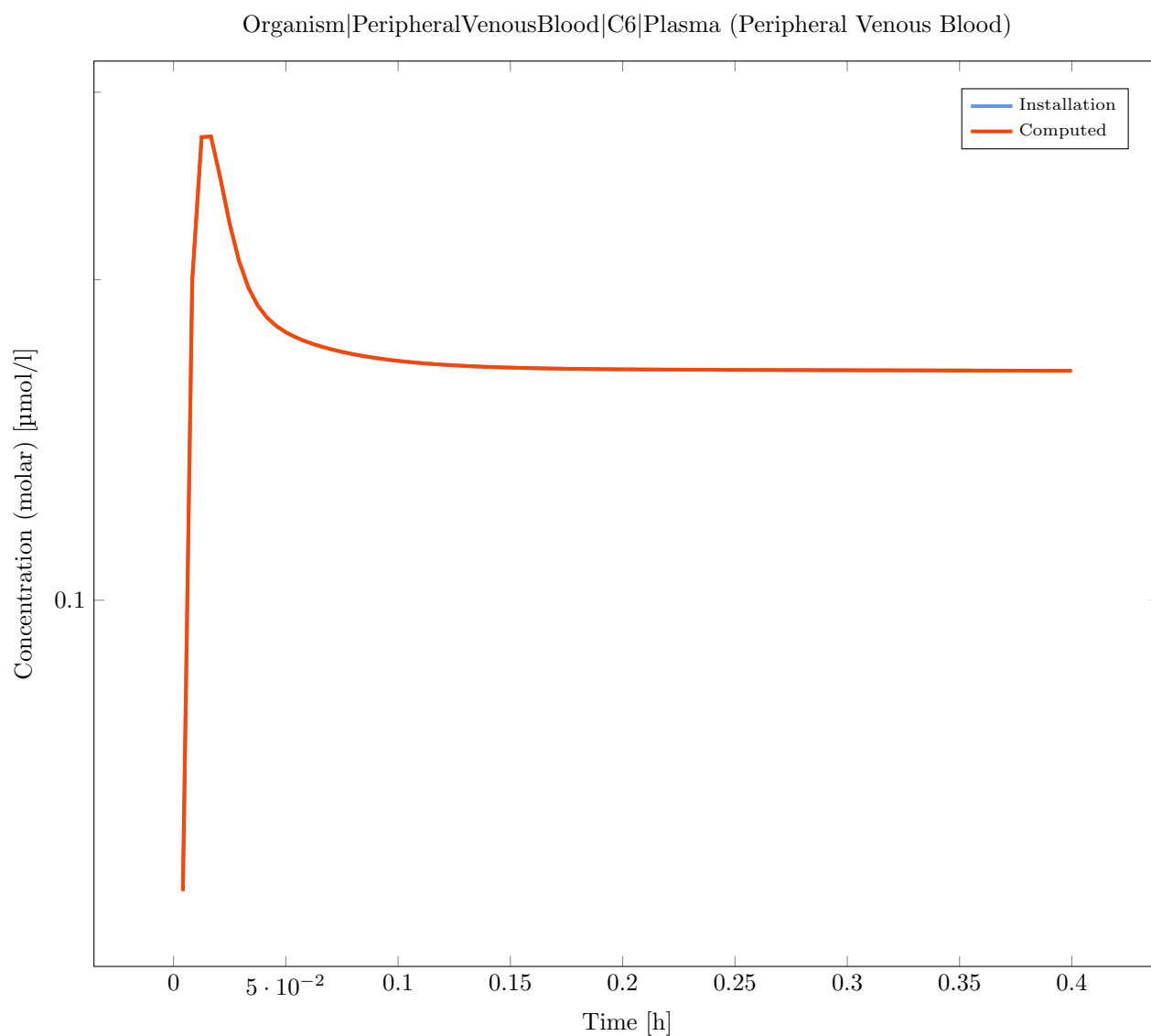


Figure 1.121

**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

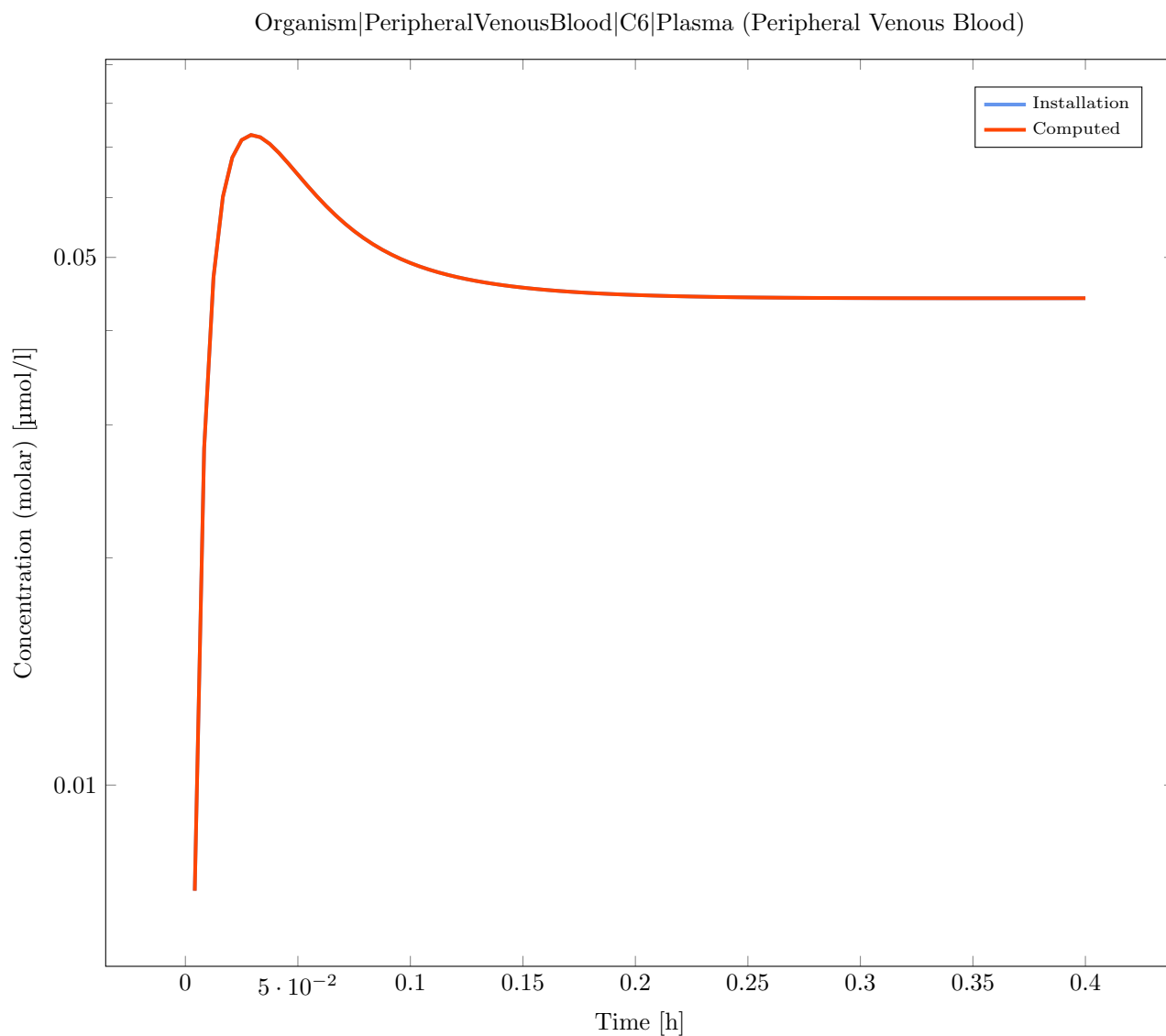


Figure 1.122

**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

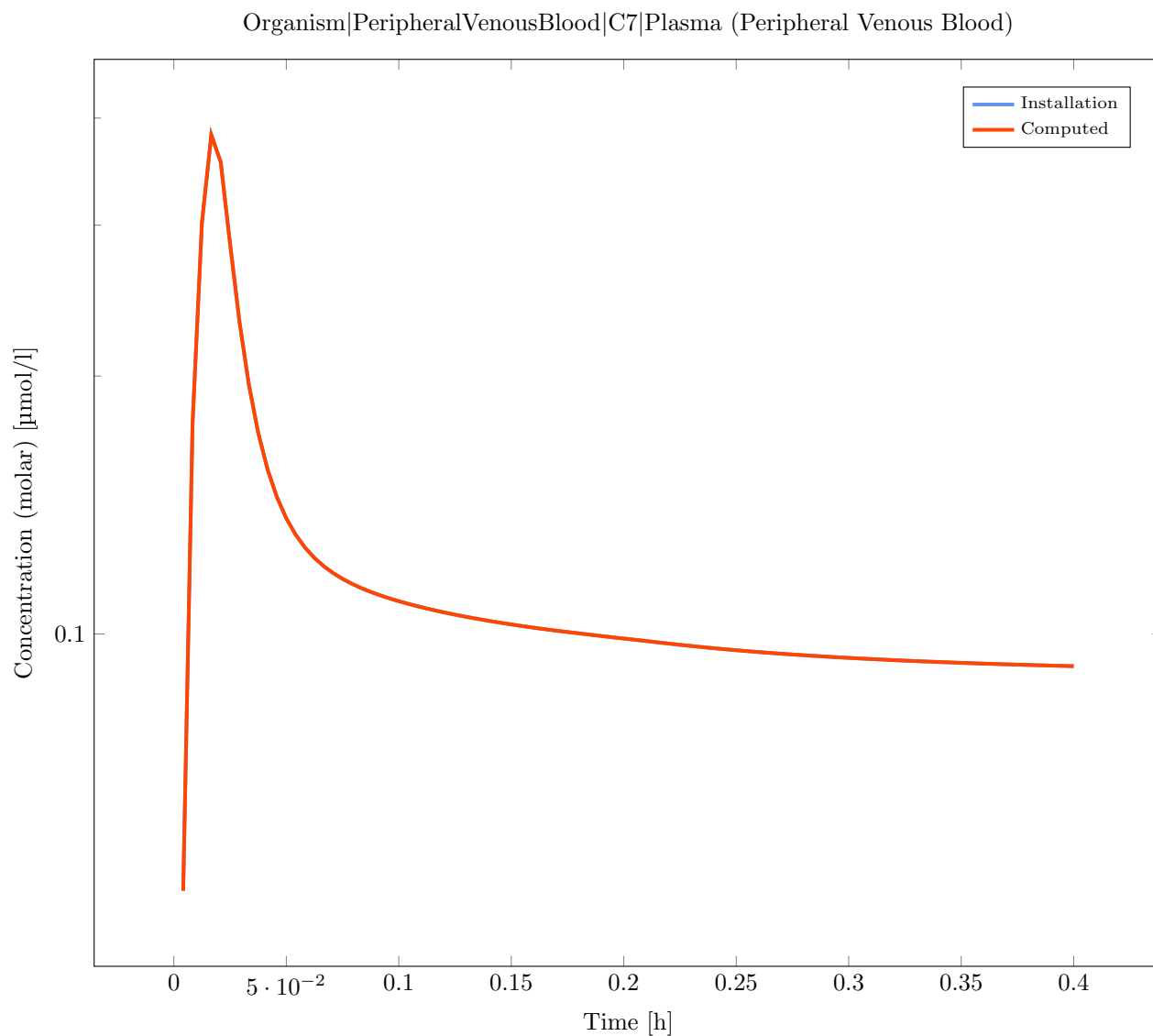


Figure 1.123

**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

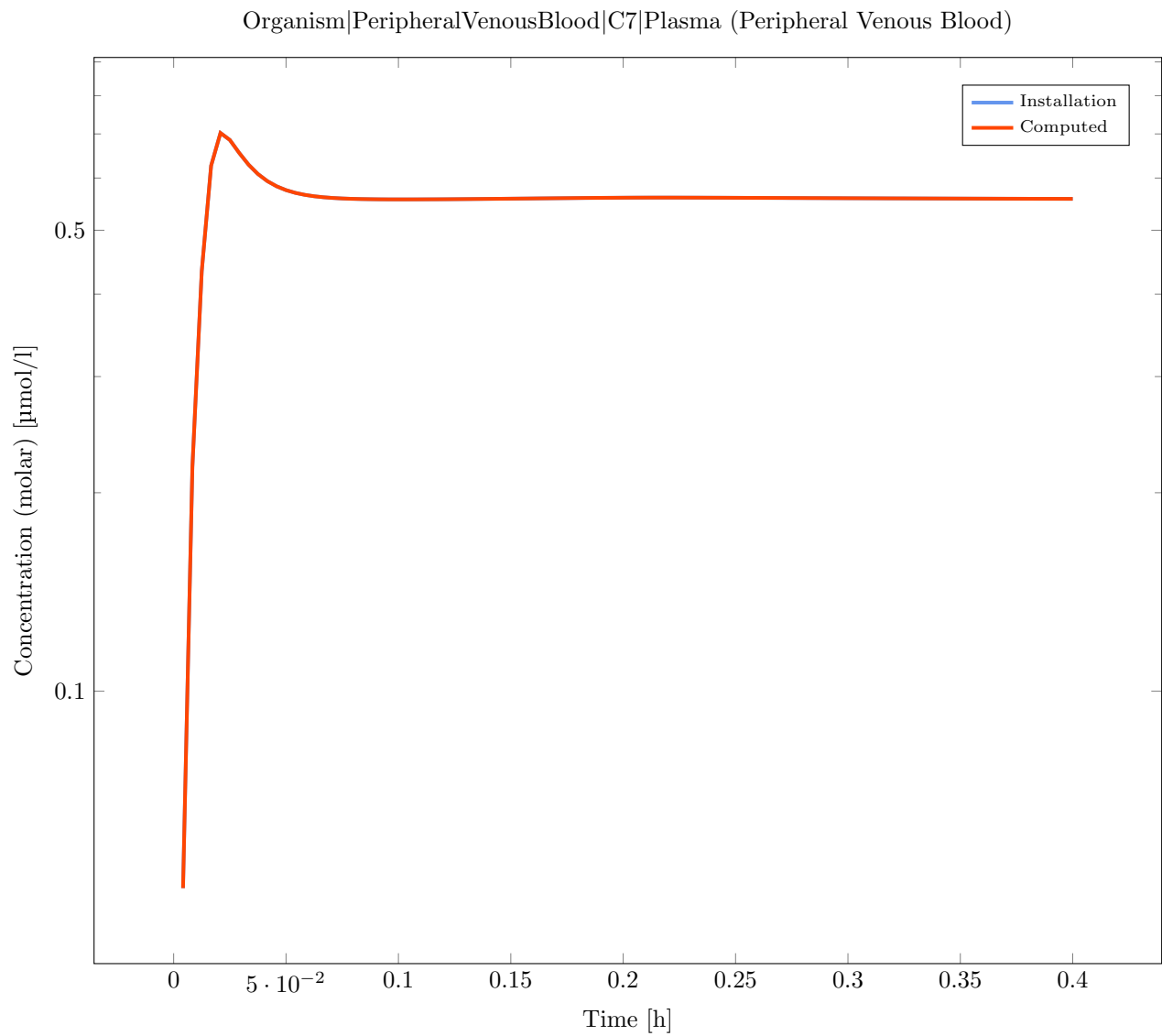


Figure 1.124

**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

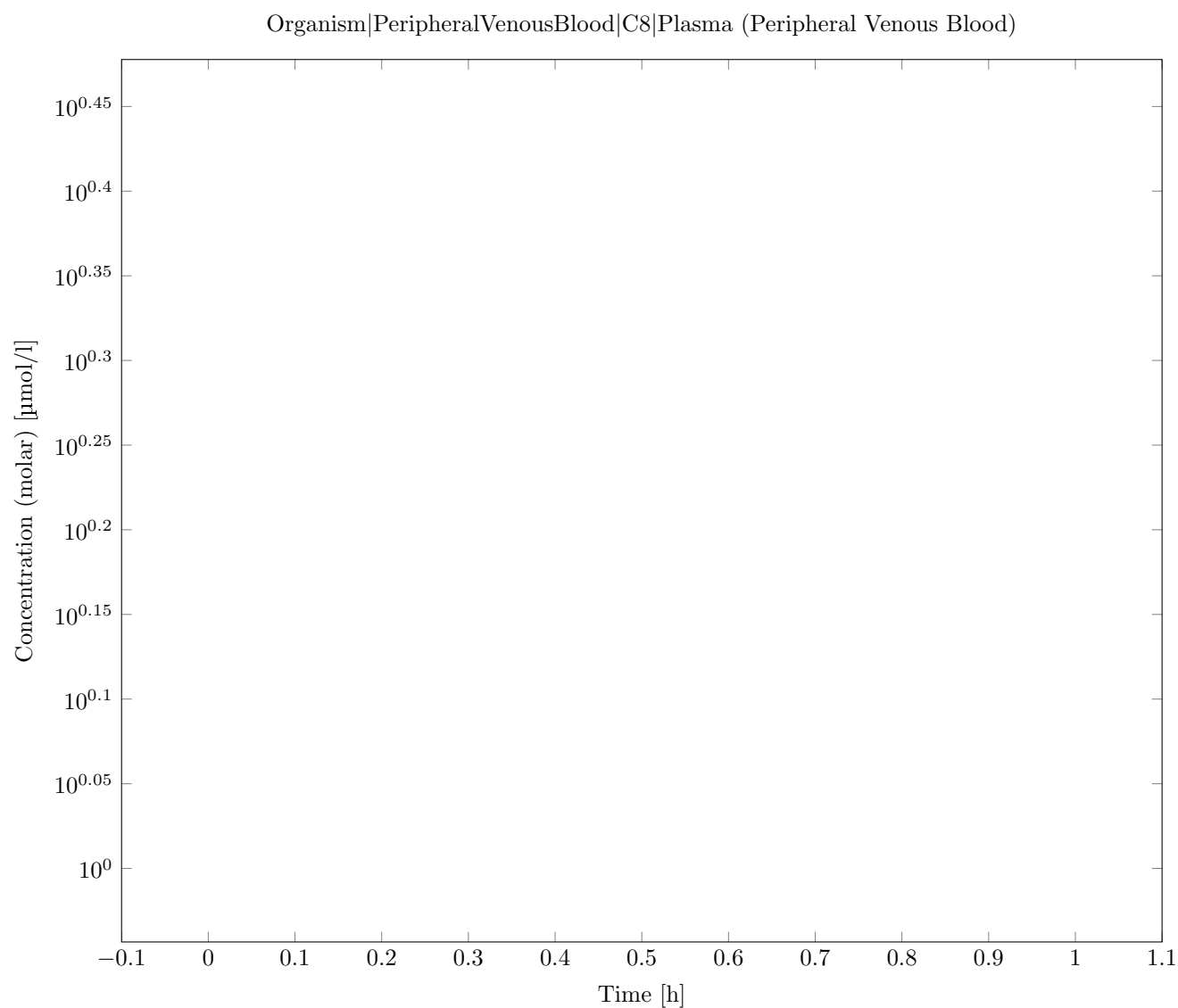


Figure 1.125

**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



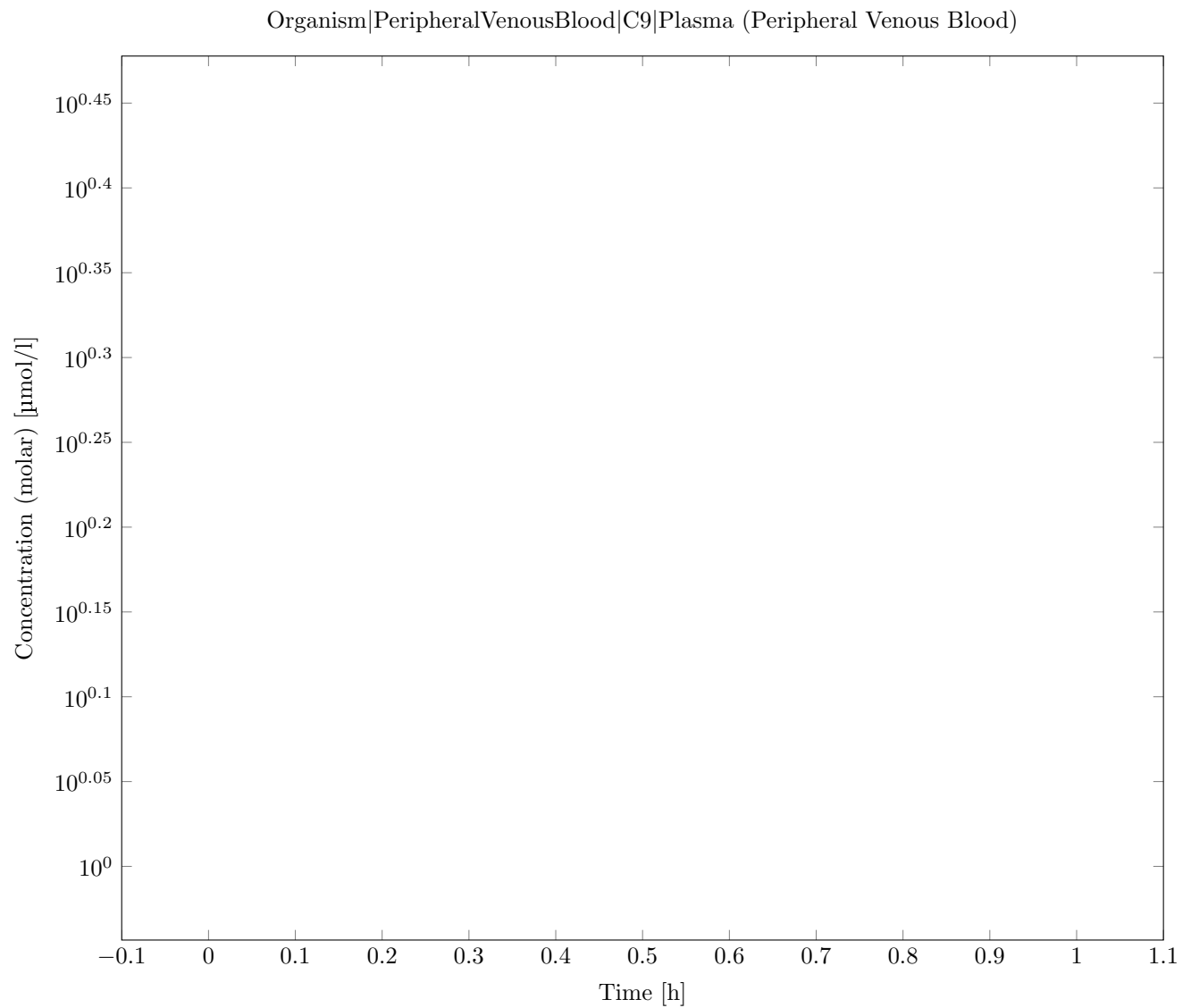


Figure 1.126

**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

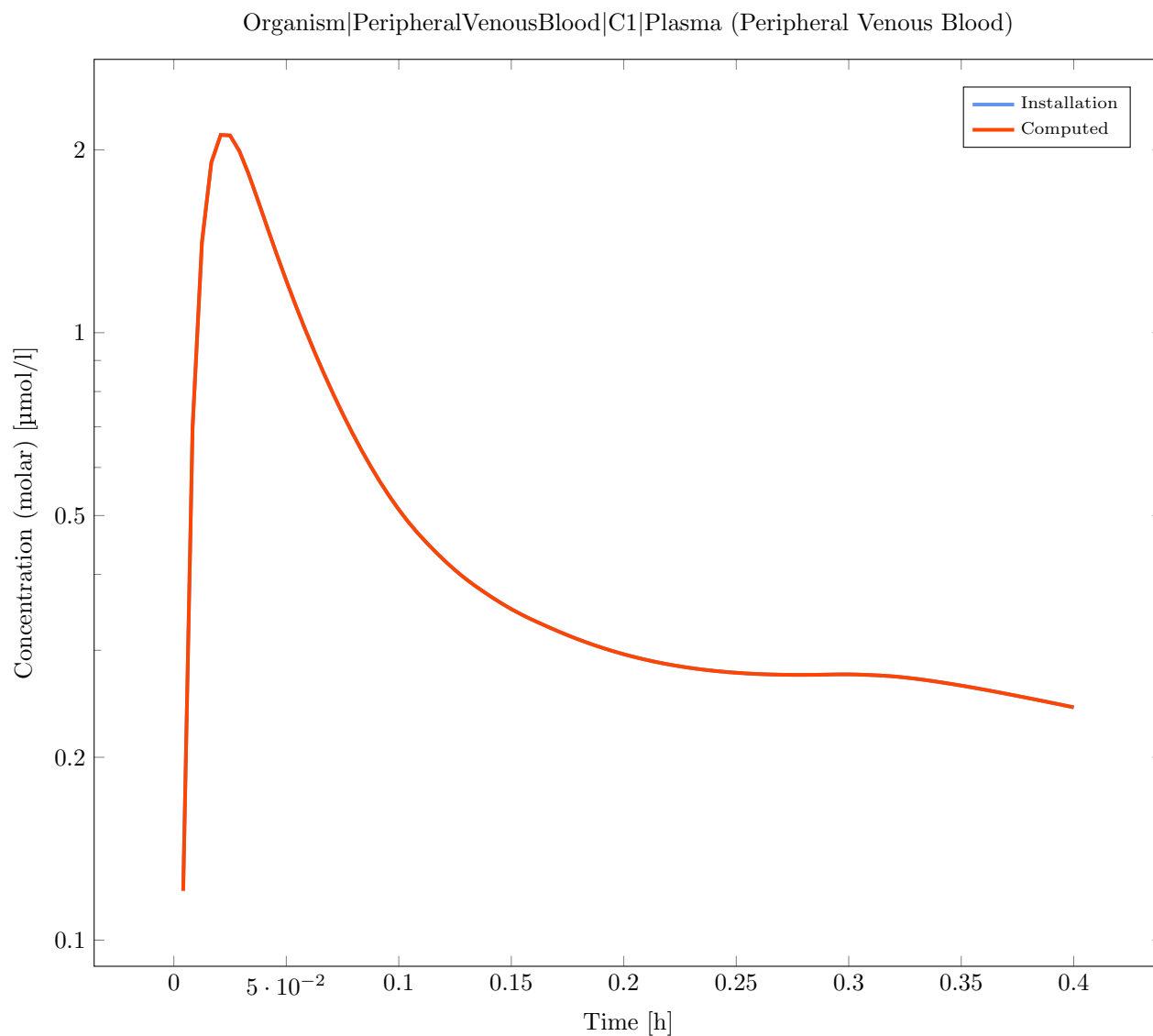


Figure 1.127

**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

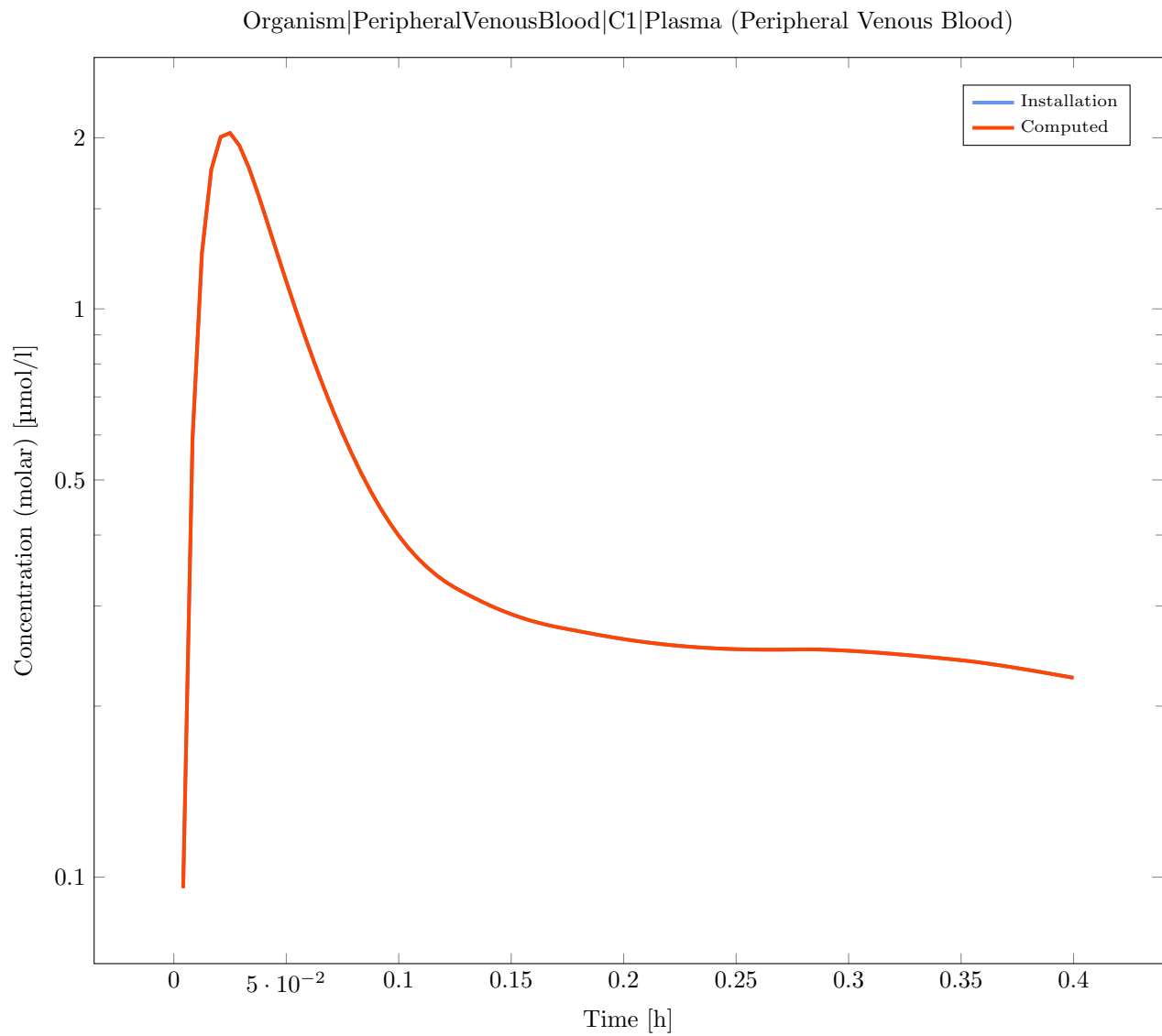


Figure 1.128

**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

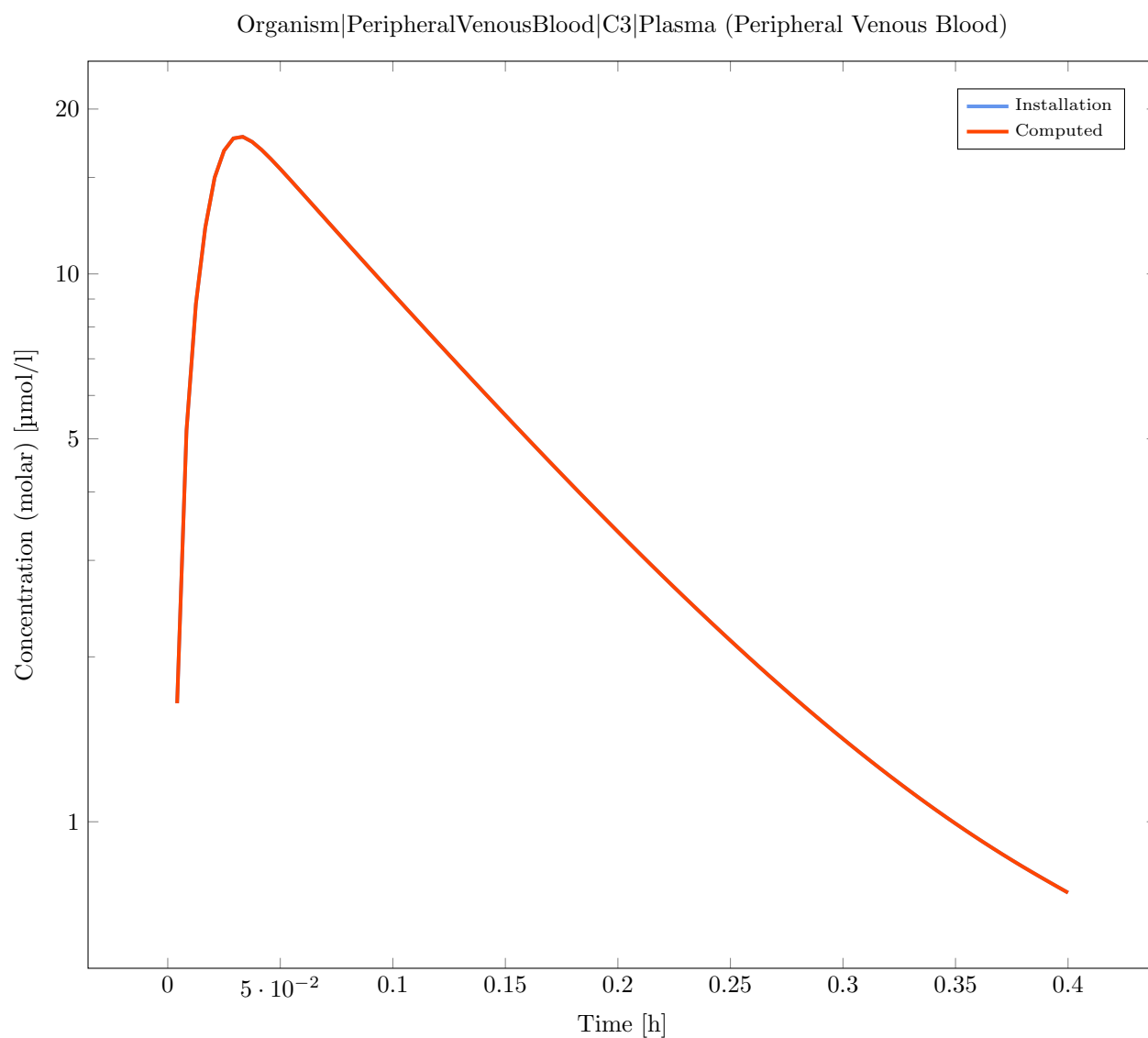


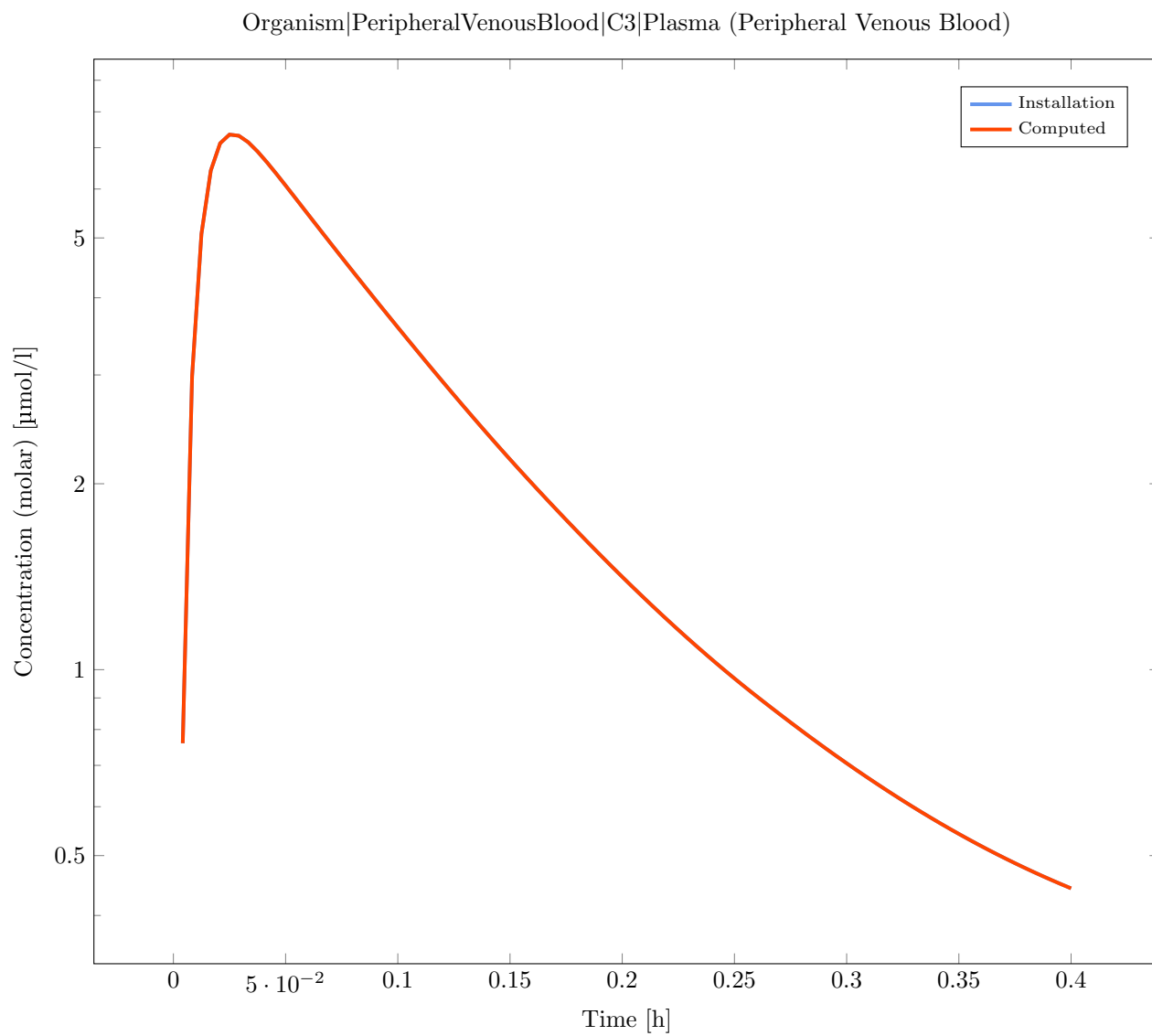
Figure 1.129

**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

**Figure 1.130**