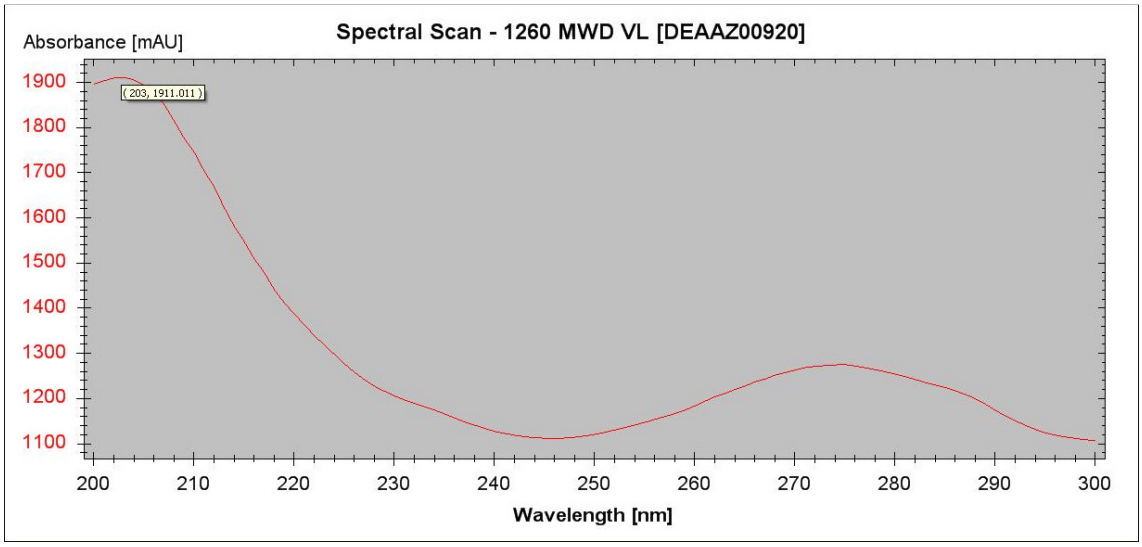
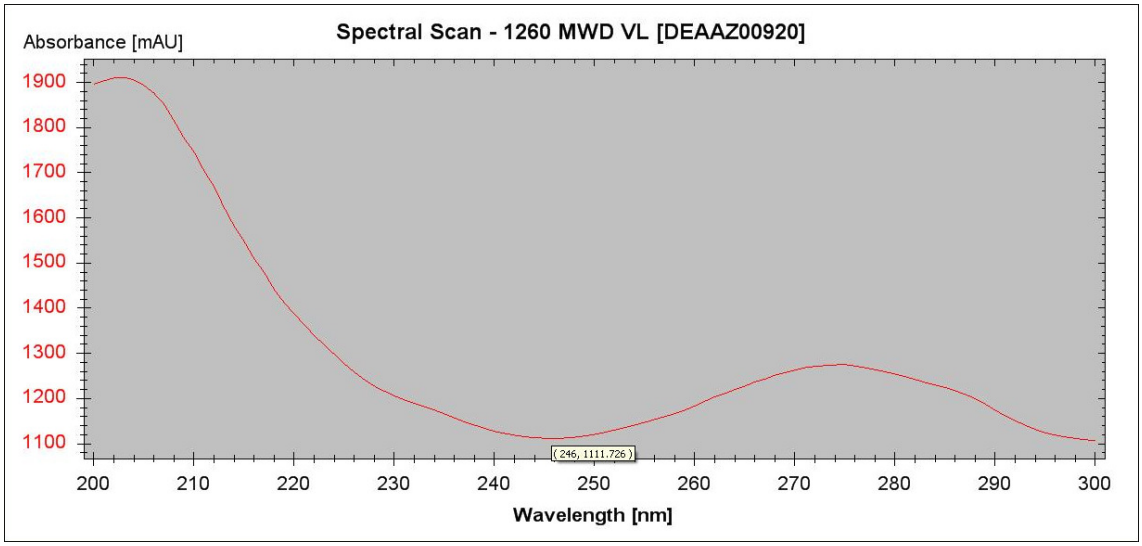
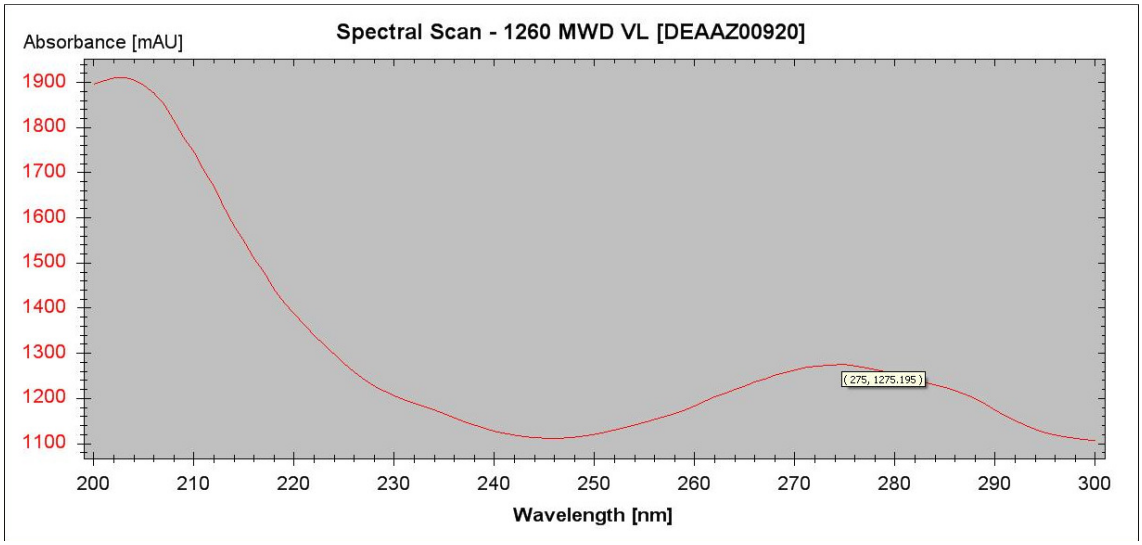
- **EDUV – DETECTOR MWD VL – DEAA200920**



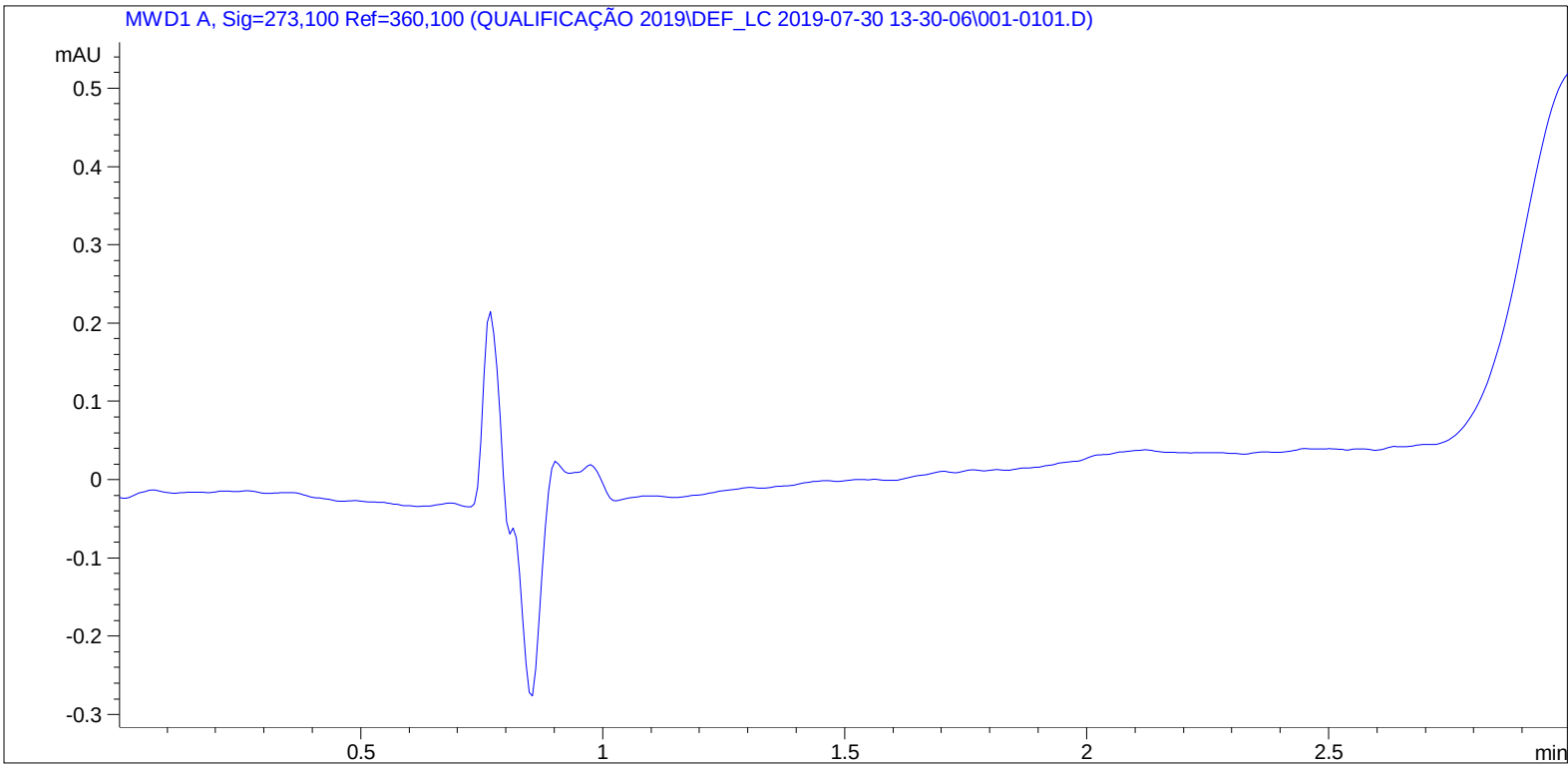




Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\001-0101.D
Sample Name: Branco 1

==========

Acq. Operator : Michael Careli Seq. Line : 1
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/30/2019 1:30:19 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:47:23 PM by Michael Careli
(modified after loading)



==========

Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

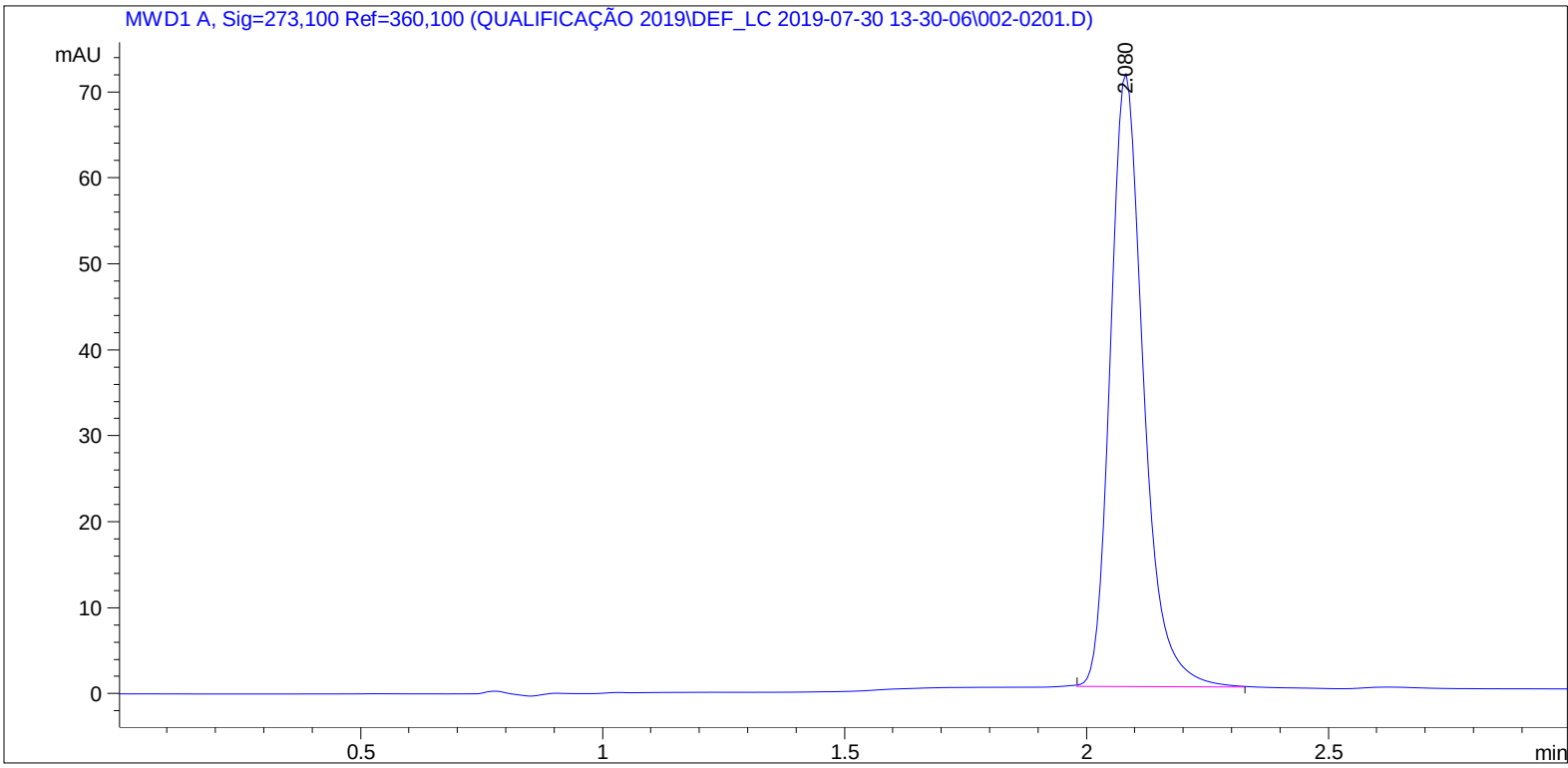
No peaks found

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\002-0201.D
Sample Name: PCIN 1

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   2
Acq. Instrument : Instrument 1                   Location : Vial 2
Injection Date  : 7/30/2019 1:34:43 PM                Inj :   1
                                                 Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:47:23 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.080 BB    0.0737  340.76926   71.43845 100.0000

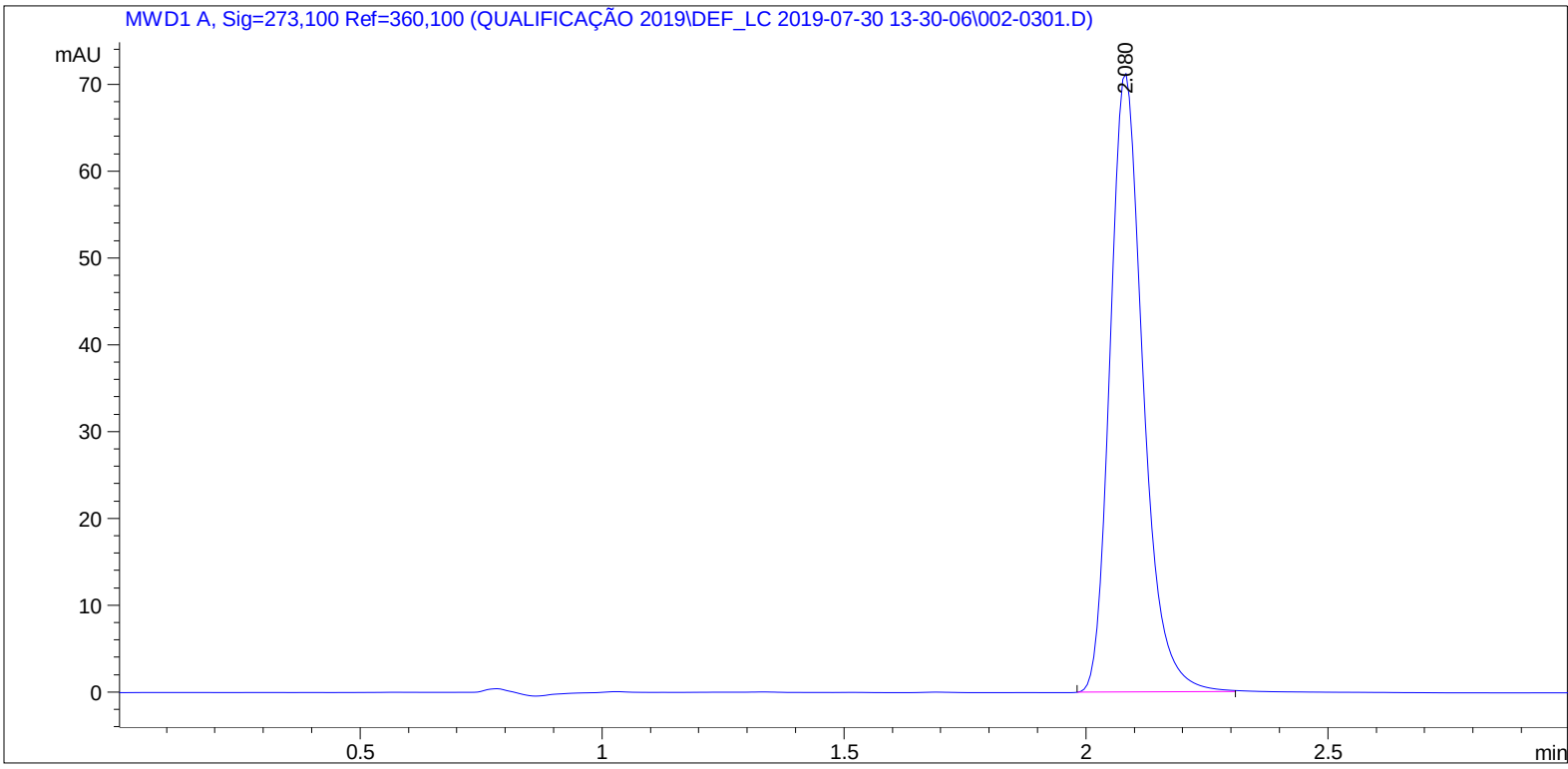
Totals :                   340.76926   71.43845
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\002-0301.D
Sample Name: PCIN 2

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   3
Acq. Instrument : Instrument 1                   Location : Vial 2
Injection Date  : 7/30/2019 1:39:07 PM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:47:23 PM by Michael Careli
                  (modified after loading)
```




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==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.080 BB    0.0714  339.00433   71.43582 100.0000

Totals :                   339.00433   71.43582
```

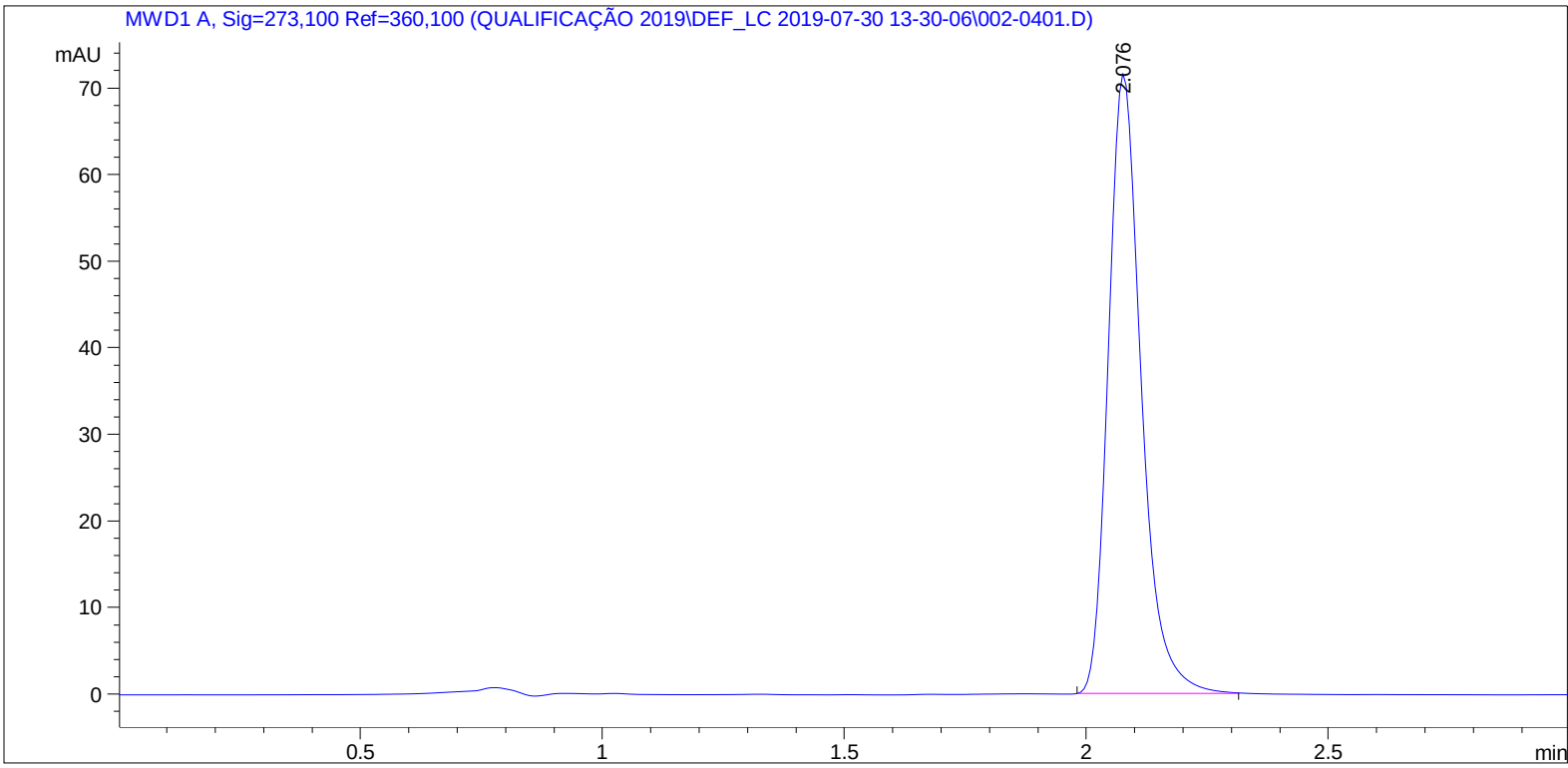
==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\002-0401.D
Sample Name: PCIN 3

==========

Acq. Operator : Michael Careli Seq. Line : 4
Acq. Instrument : Instrument 1 Location : Vial 2
Injection Date : 7/30/2019 1:43:27 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:47:23 PM by Michael Careli
(modified after loading)



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Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.076	BB	0.0732	339.32190	71.68240	100.0000

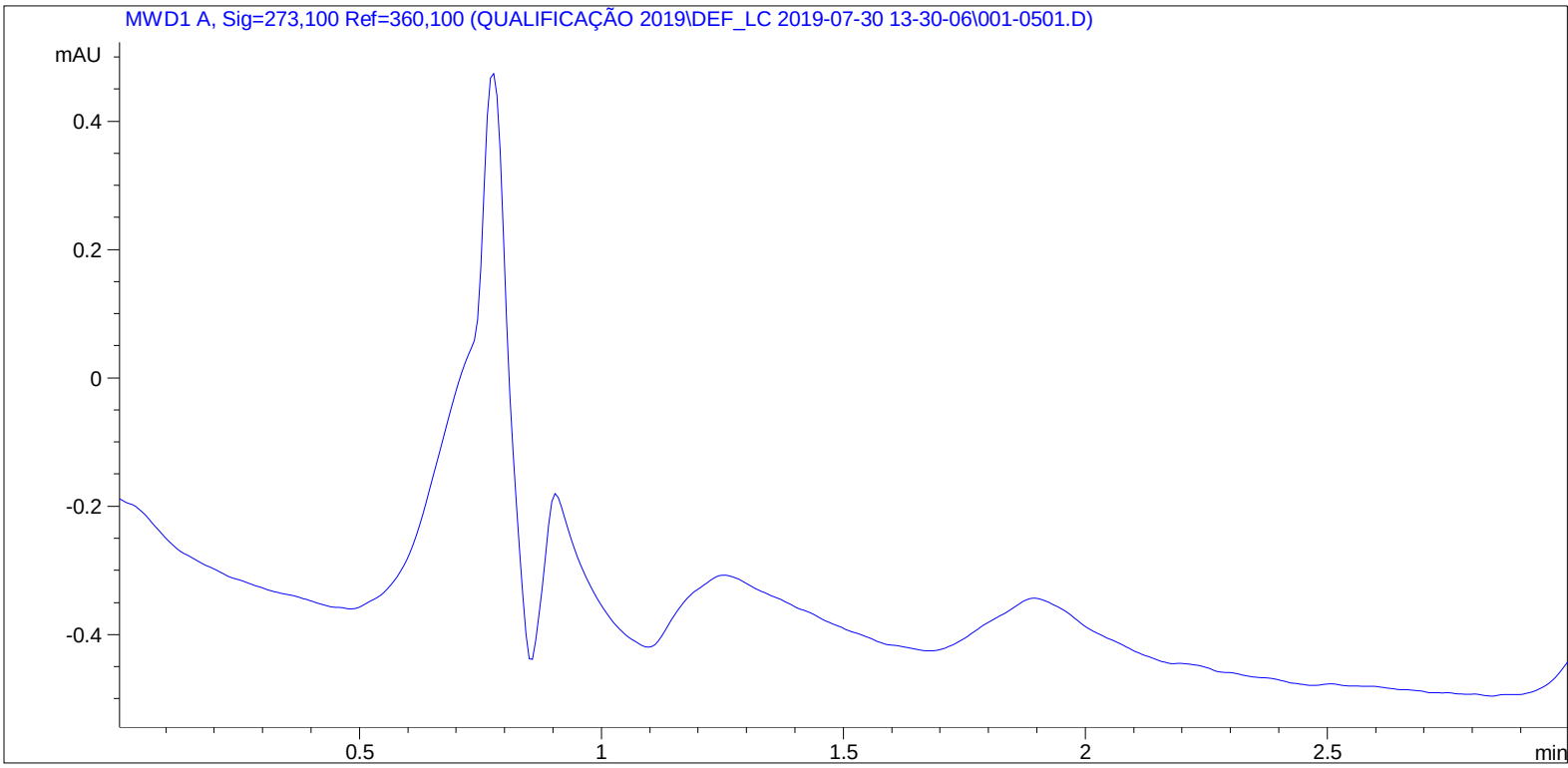
Totals : 339.32190 71.68240

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*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\001-0501.D
Sample Name: Branco 2

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   5
Acq. Instrument : Instrument 1                   Location : Vial 1
Injection Date  : 7/30/2019 1:47:50 PM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




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==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

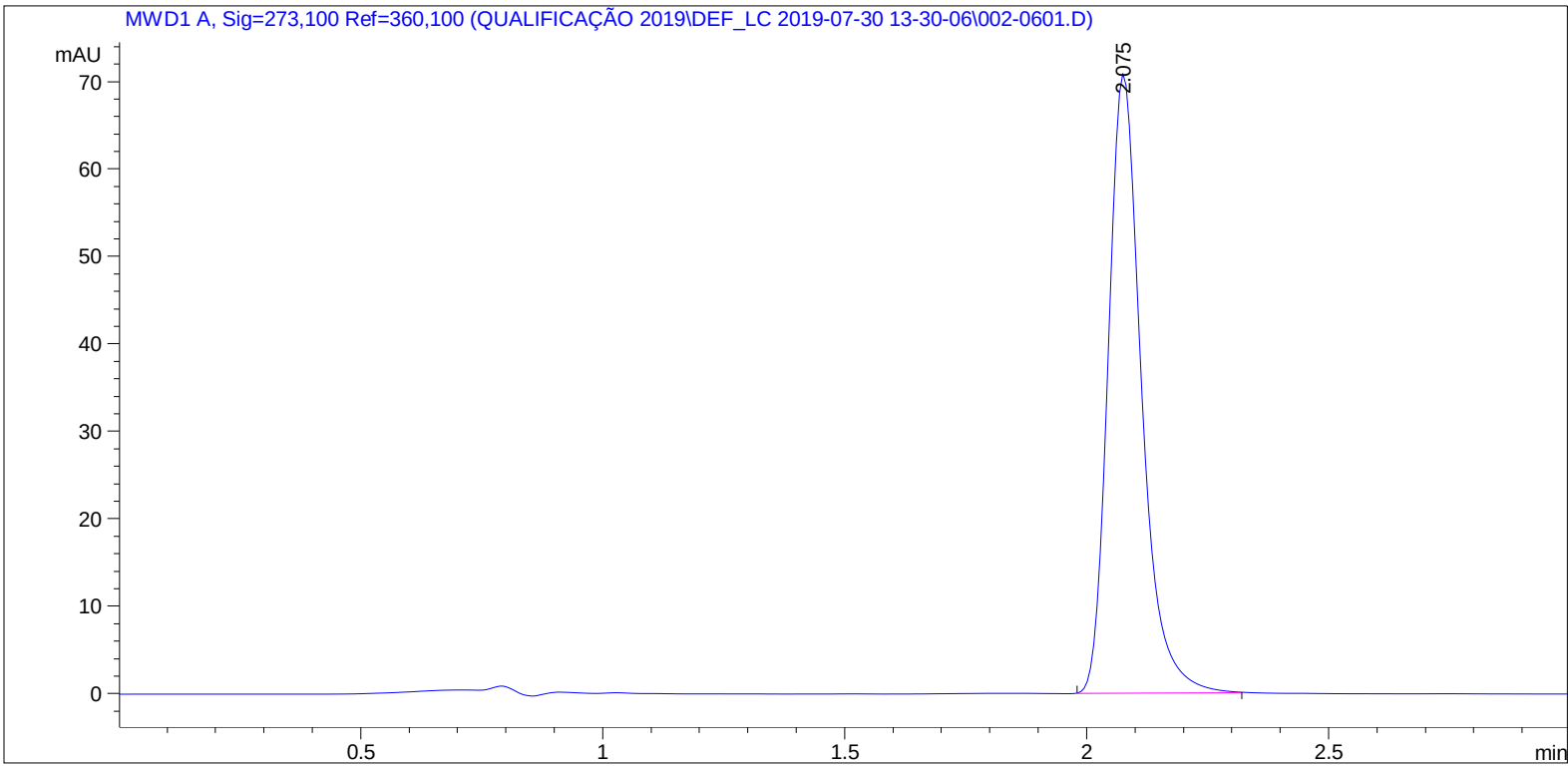
No peaks found

==========================================================================
                          *** End of Report ***
```

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\002-0601.D
Sample Name: PCIN 4

==========

Acq. Operator : Michael Careli Seq. Line : 6
Acq. Instrument : Instrument 1 Location : Vial 2
Injection Date : 7/30/2019 1:52:11 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:58:18 PM by Michael Careli
(modified after loading)



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Area Percent Report

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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.075	BB	0.0737	338.68967	70.92620	100.0000
Totals :				338.68967	70.92620	

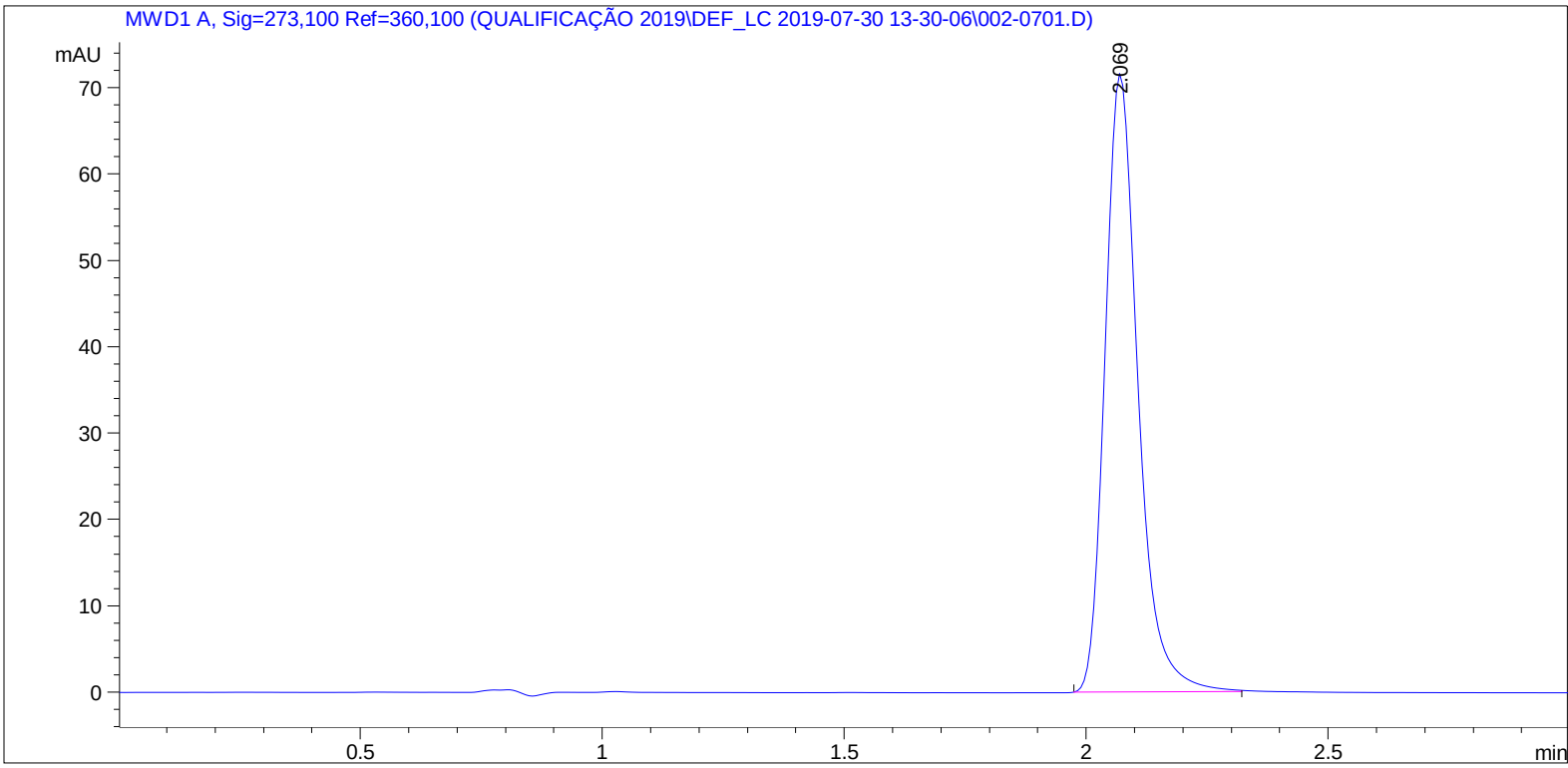
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*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\002-0701.D
Sample Name: PCIN 5

==========

Acq. Operator : Michael Careli Seq. Line : 7
Acq. Instrument : Instrument 1 Location : Vial 2
Injection Date : 7/30/2019 1:56:34 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:58:18 PM by Michael Careli
(modified after loading)



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Area Percent Report

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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: MWD1 A, Sig=273,100 Ref=360,100

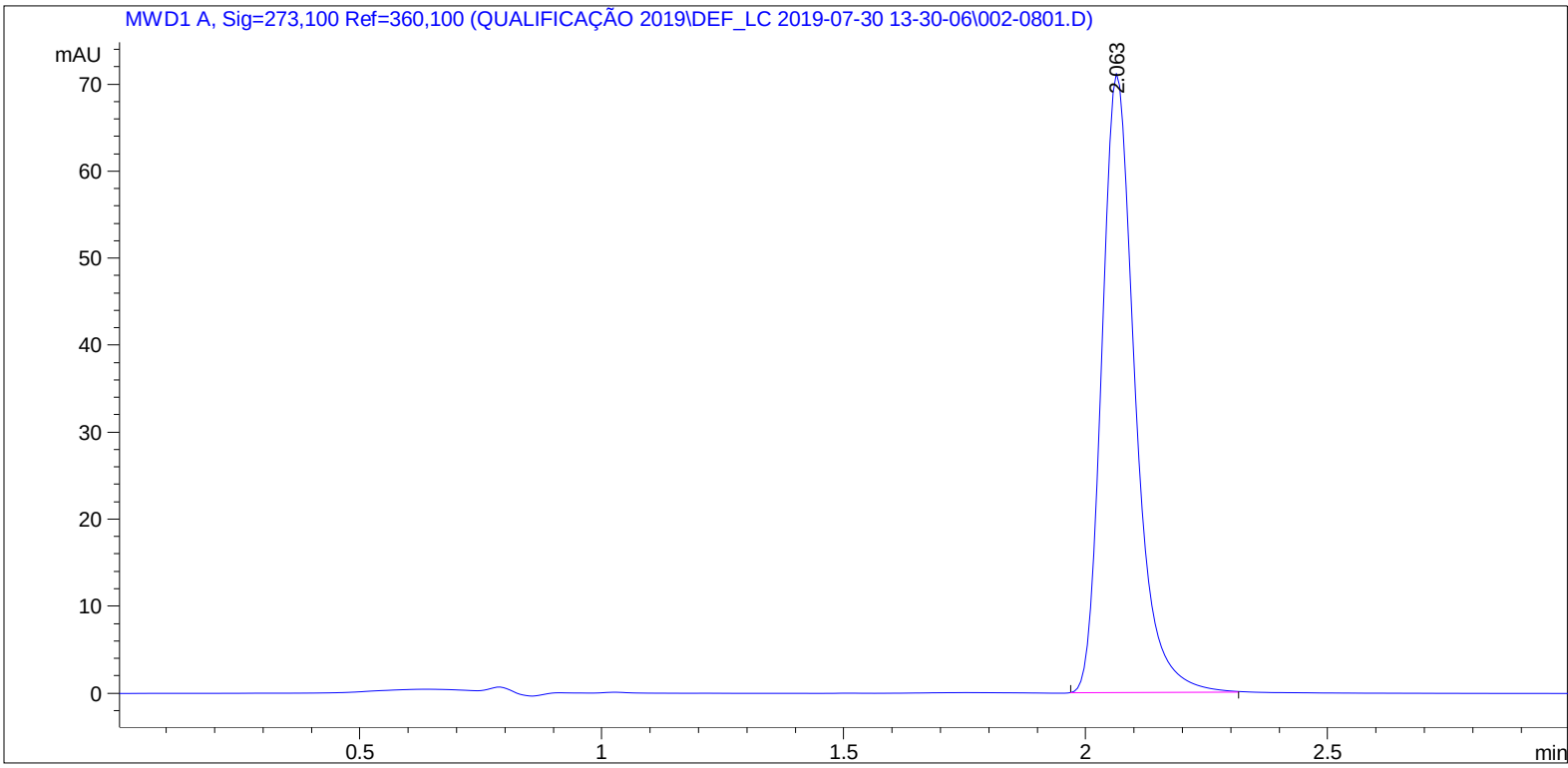
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.069	BB	0.0732	339.00897	71.69853	100.0000
Totals :				339.00897	71.69853	

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*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\002-0801.D
Sample Name: PCIN 6

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   8
Acq. Instrument : Instrument 1                   Location : Vial 2
Injection Date  : 7/30/2019 2:00:56 PM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




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==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.063 BB    0.0737  339.94366   71.21818 100.0000

Totals :                   339.94366   71.21818
```

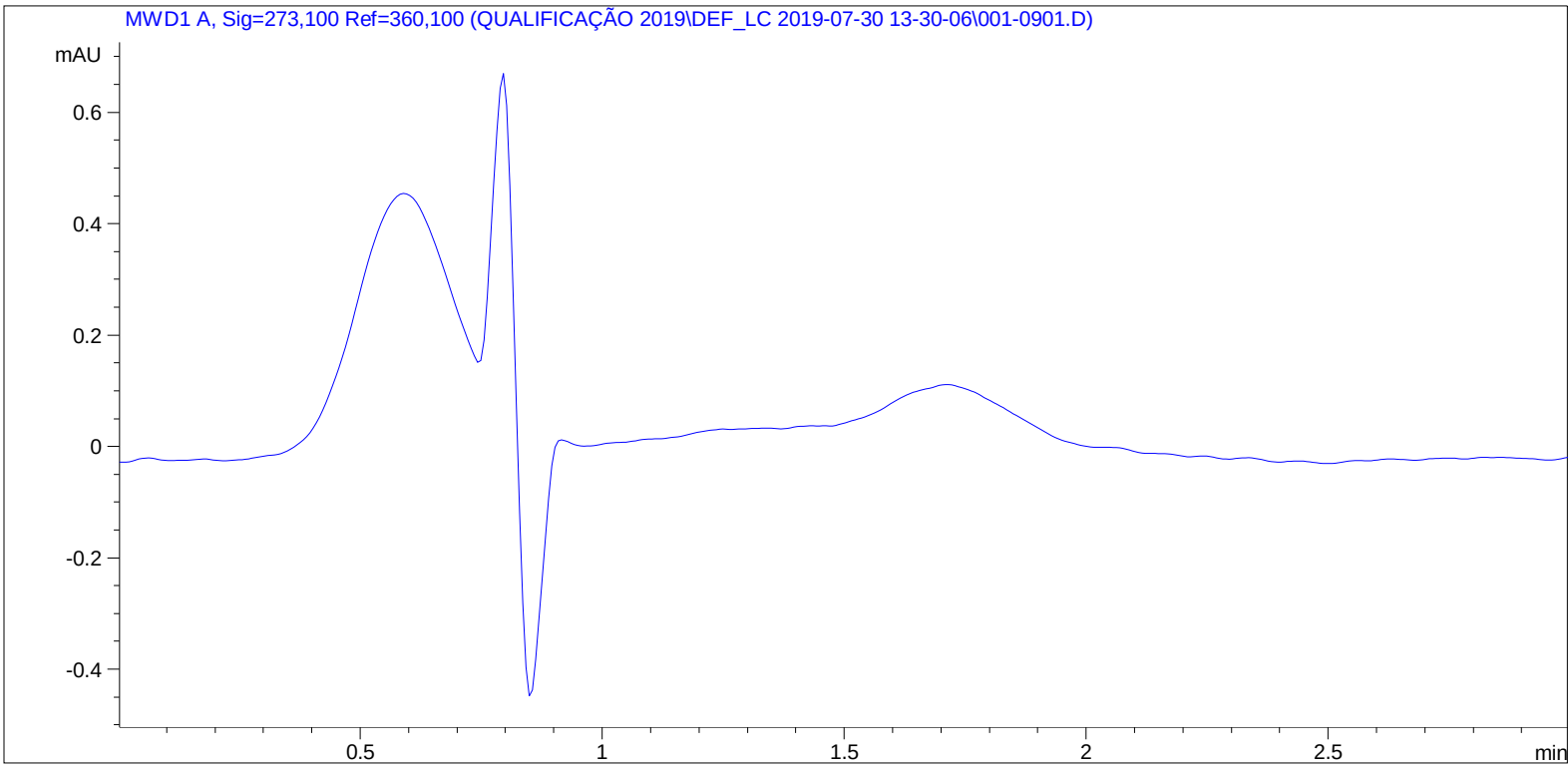
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*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\001-0901.D
Sample Name: Branco 3

==========

Acq. Operator : Michael Careli Seq. Line : 9
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/30/2019 2:05:18 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\DEF_LC 2019-07-30 13-30-06\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:58:18 PM by Michael Careli
(modified after loading)



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Area Percent Report

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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

No peaks found

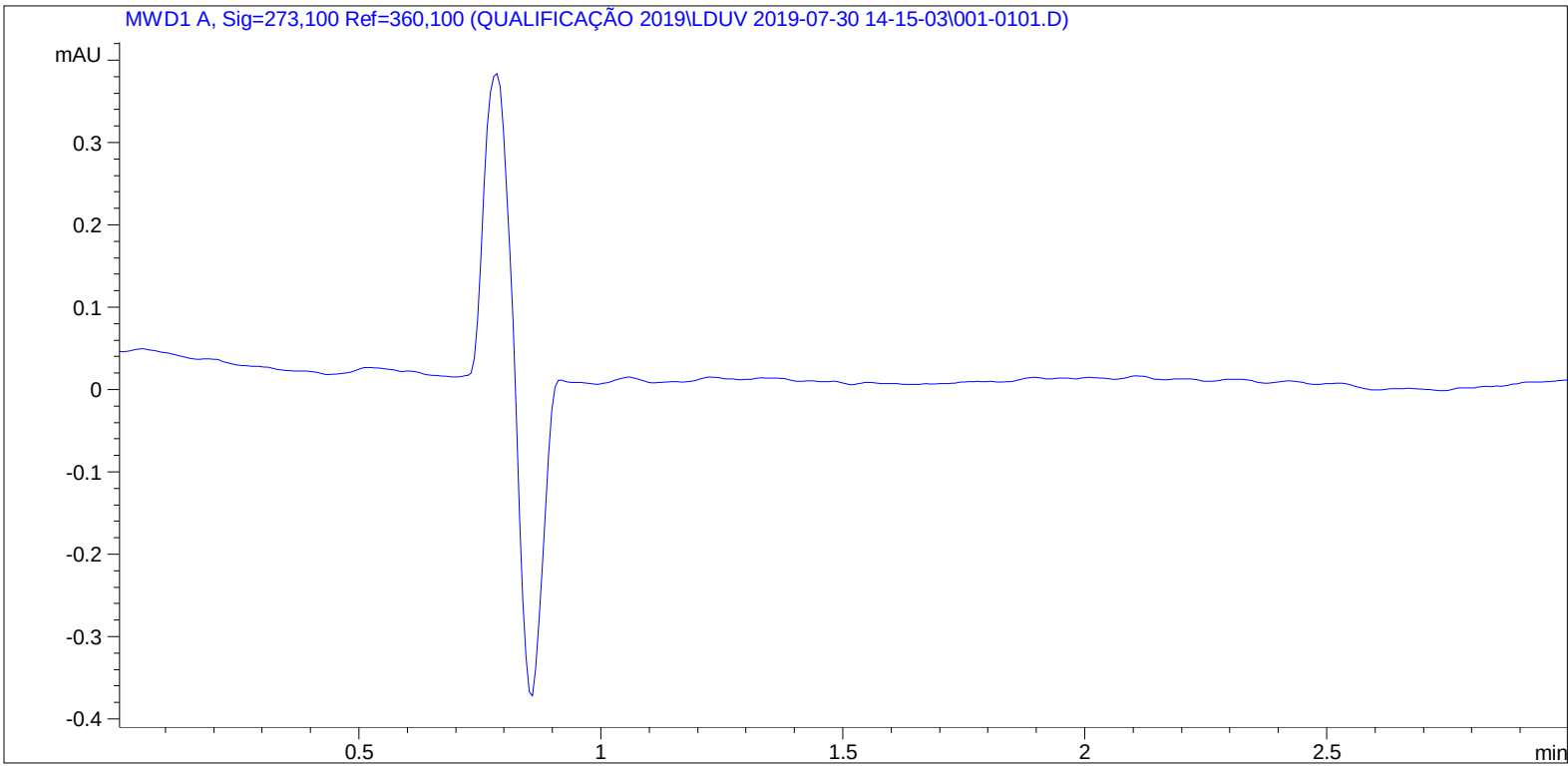
==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\001-0101.D
Sample Name: LDUV 1

==========

Acq. Operator : Michael Careli Seq. Line : 1
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/30/2019 2:15:17 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:58:18 PM by Michael Careli
(modified after loading)



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Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

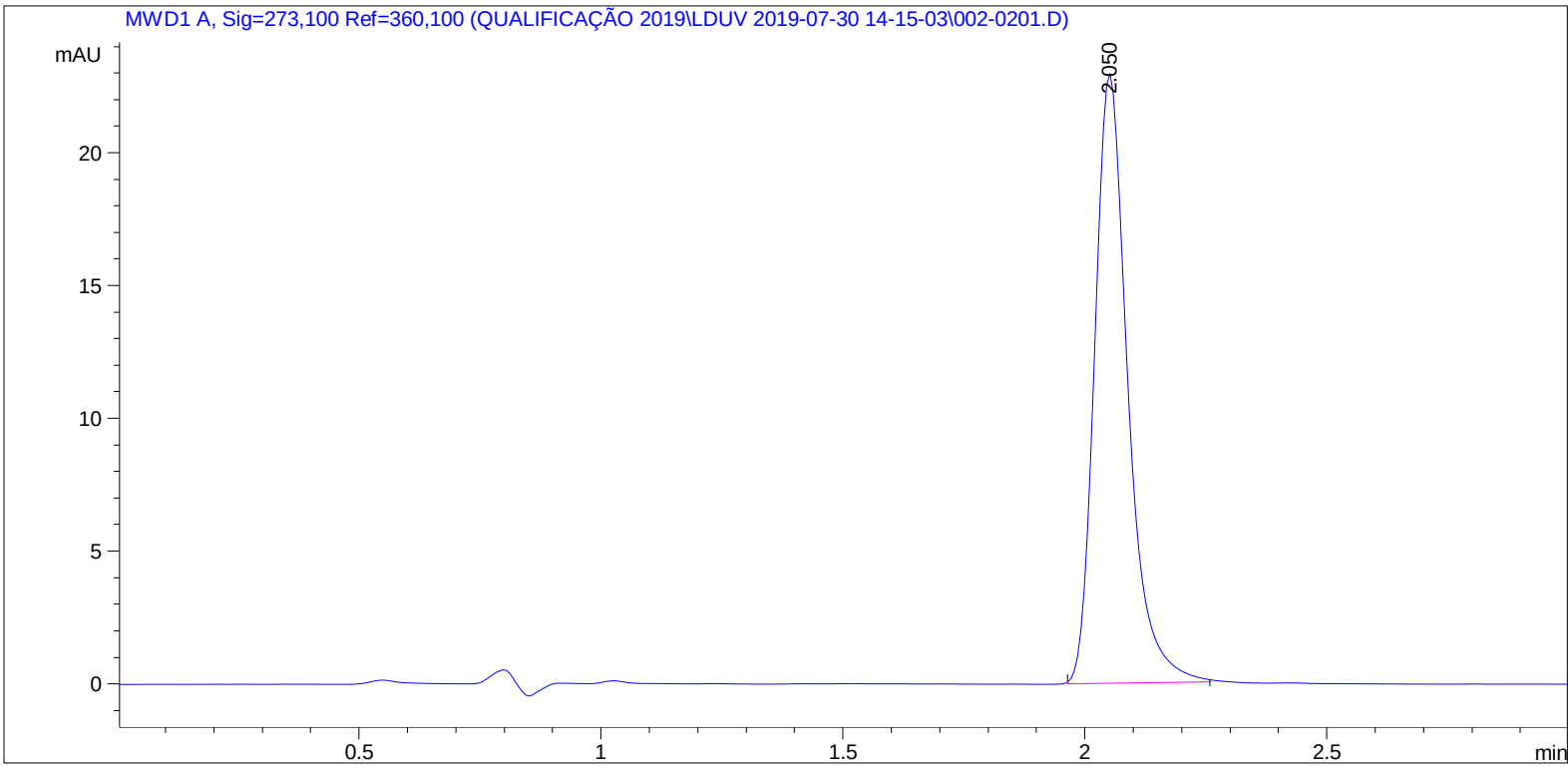
No peaks found

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\002-0201.D
Sample Name: LDUV 2

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   2
Acq. Instrument : Instrument 1                   Location : Vial 2
Injection Date  : 7/30/2019 2:19:38 PM                Inj :   1
                                                 Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.050 BB    0.0735  109.33096   22.97838 100.0000

Totals :                   109.33096   22.97838
```

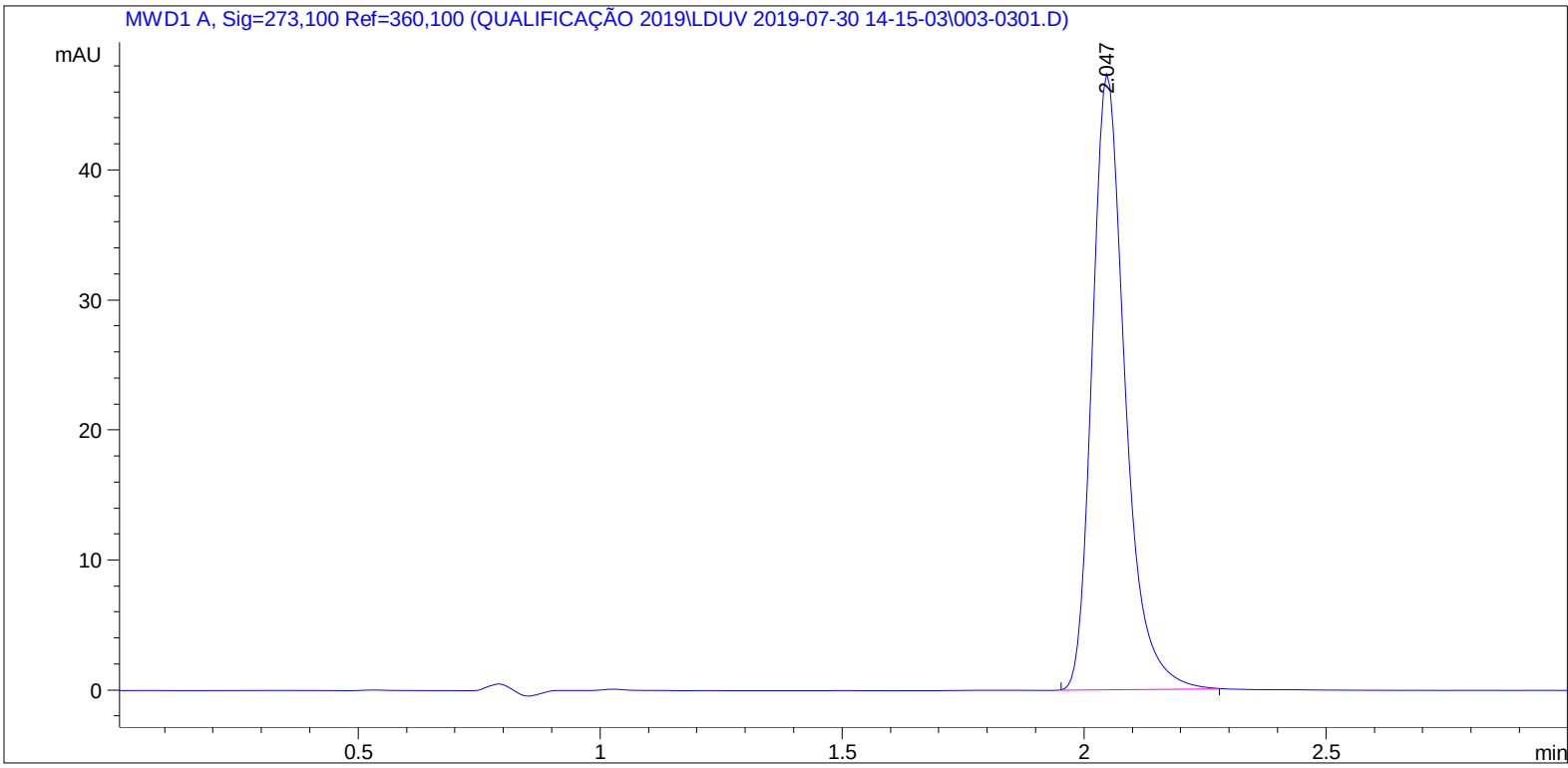
==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\003-0301.D
Sample Name: LDUV 3

==========

Acq. Operator : Michael Careli Seq. Line : 3
Acq. Instrument : Instrument 1 Location : Vial 3
Injection Date : 7/30/2019 2:24:00 PM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed : 7/30/2019 1:58:18 PM by Michael Careli
(modified after loading)



==========

Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	2.047	BB	0.0732	224.48399	47.42328	100.0000

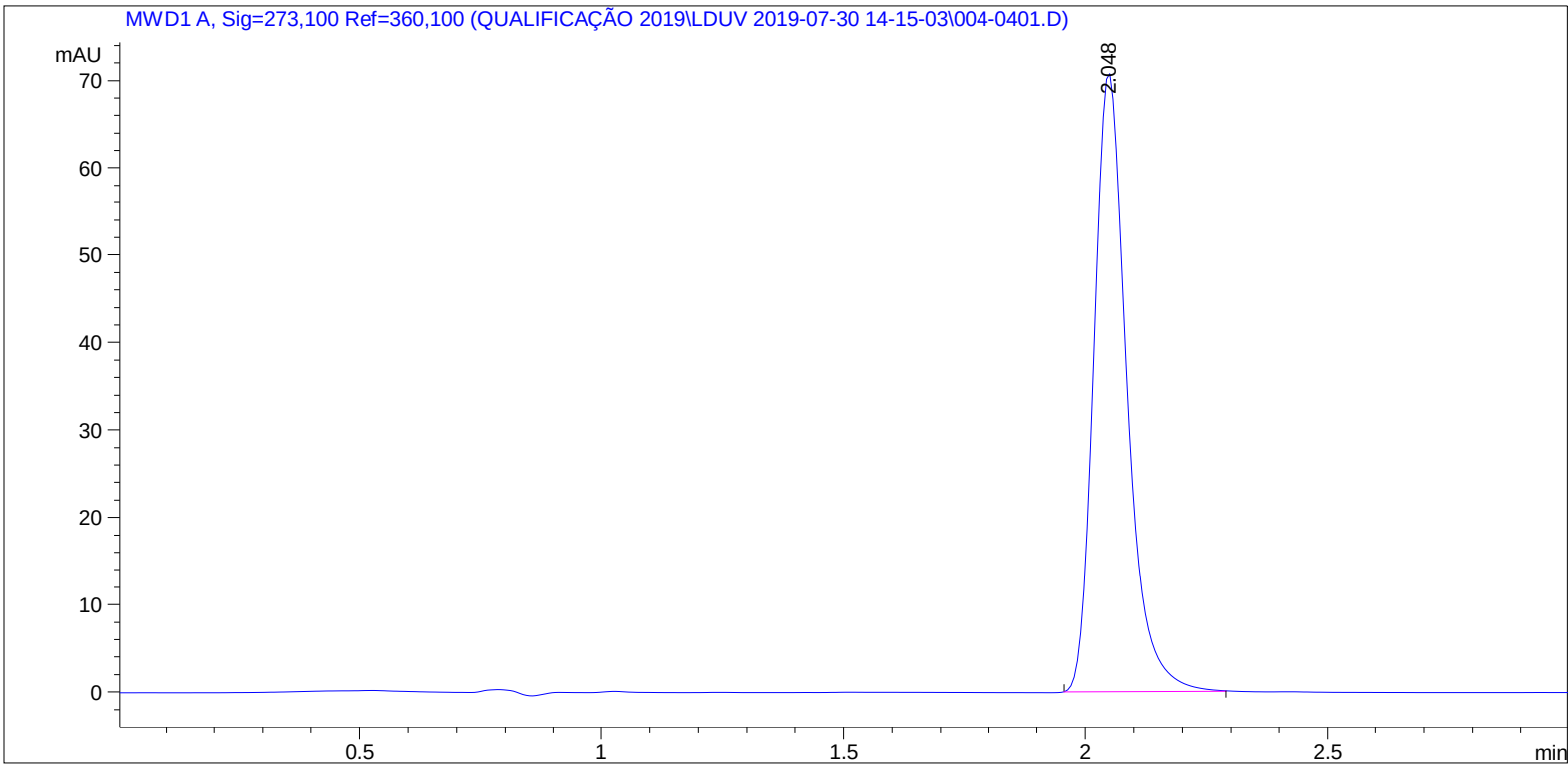
Totals : 224.48399 47.42328

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\004-0401.D
Sample Name: LDUV 4

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   4
Acq. Instrument : Instrument 1                   Location : Vial 4
Injection Date  : 7/30/2019 2:28:19 PM                Inj :   1
                                                 Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.048 BB    0.0713  336.30542   71.00137 100.0000

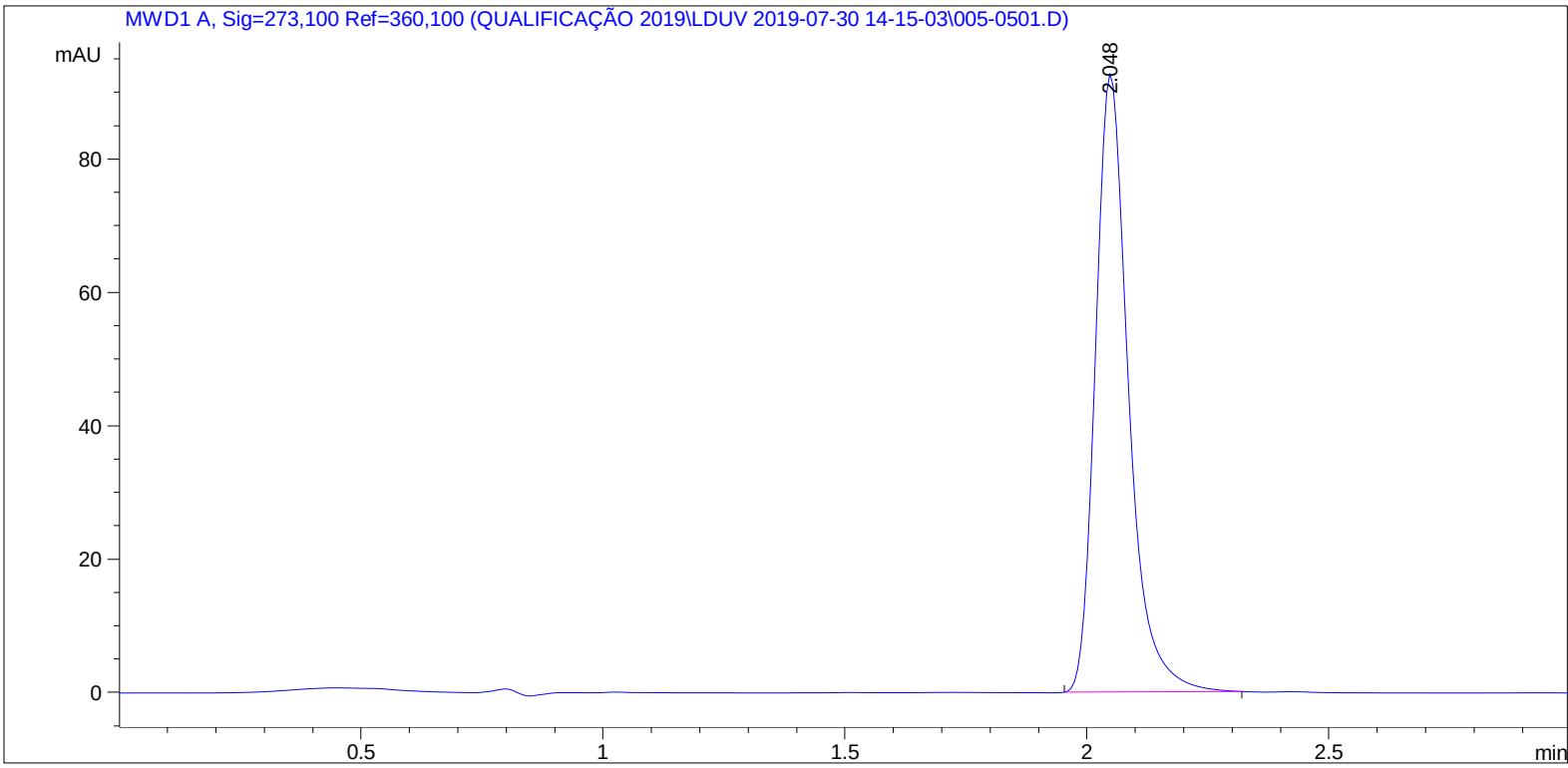
Totals :                   336.30542   71.00137
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\005-0501.D
Sample Name: LDUV 5

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   5
Acq. Instrument : Instrument 1                   Location : Vial 5
Injection Date  : 7/30/2019 2:32:40 PM                Inj :   1
                                                 Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDUV 2019-07-30 14-15-03\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.048 BB    0.0735  441.83371   92.87091 100.0000

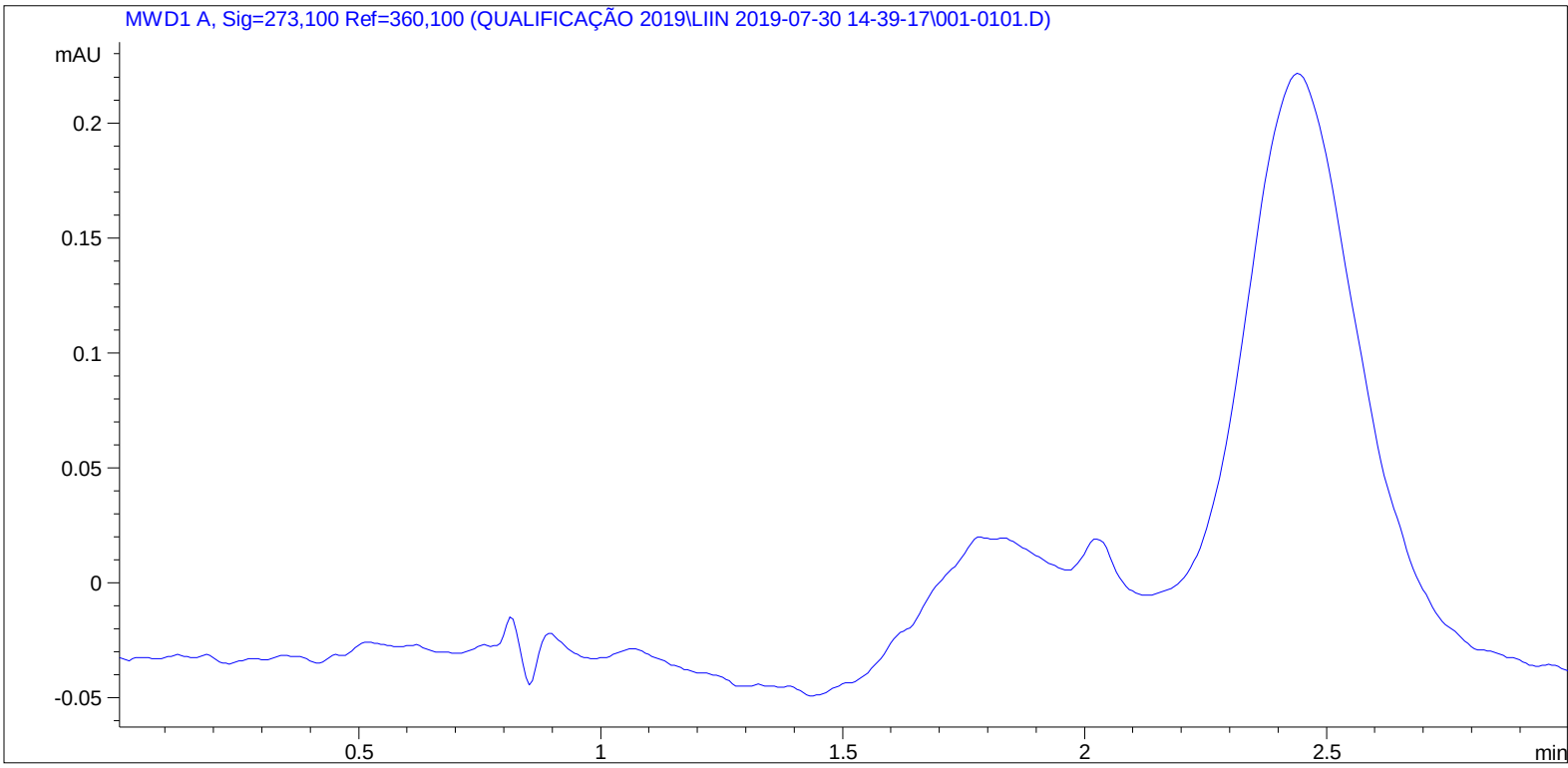
Totals :                   441.83371   92.87091
```

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*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\001-0101.D
Sample Name: LIIN 1

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   1
Acq. Instrument : Instrument 1                   Location : Vial 1
Injection Date  : 7/30/2019 2:39:30 PM                Inj :   1
                                                Inj Volume : 10 µl
Different Inj Volume from Sequence !     Actual Inj Volume : 0.1 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

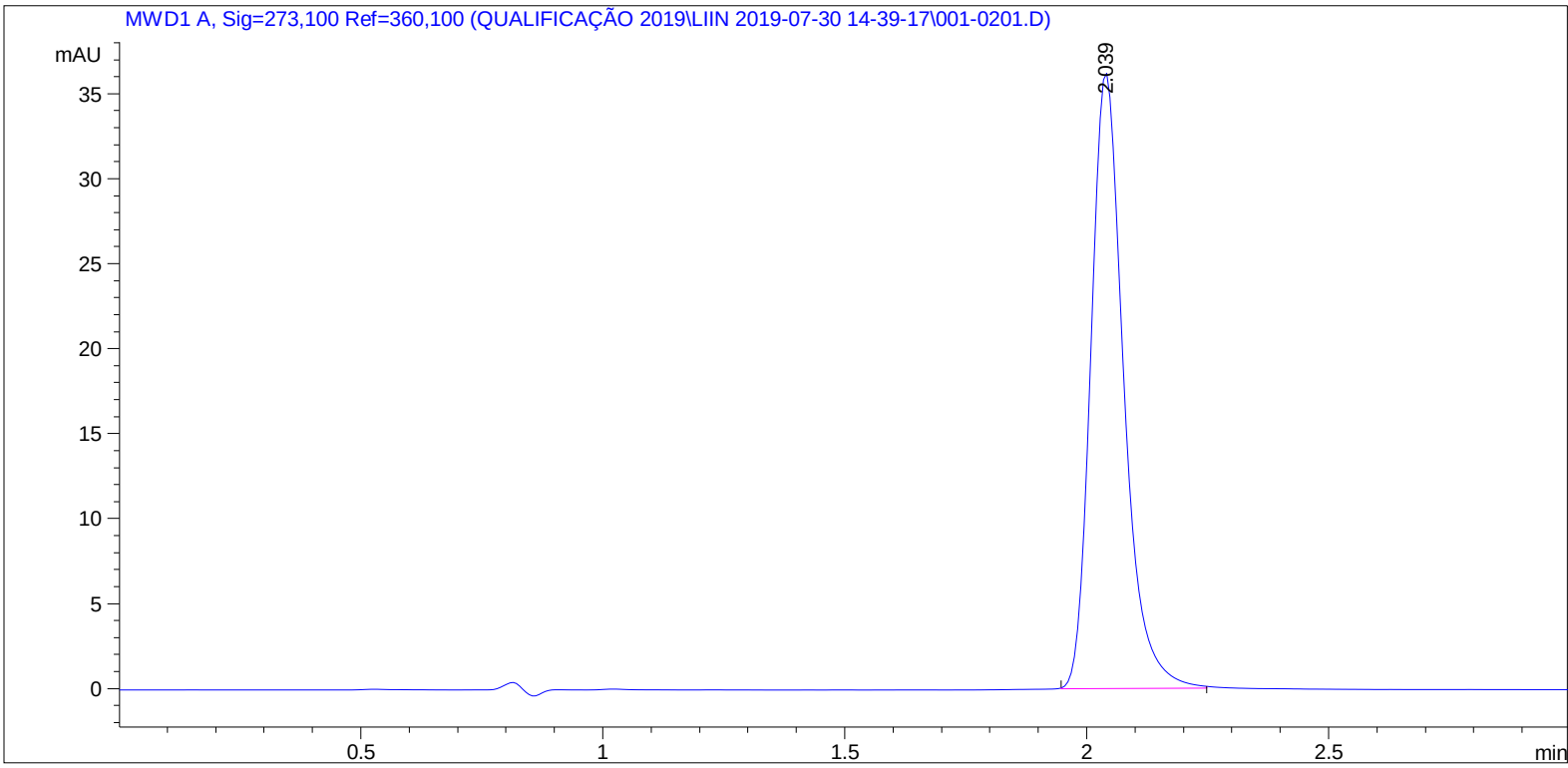
Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs

No peaks found

==========================================================================
                          *** End of Report ***
```

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\001-0201.D
Sample Name: LIIN 2

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   2
Acq. Instrument : Instrument 1                   Location : Vial 1
Injection Date  : 7/30/2019 2:43:47 PM                Inj :   1
                                                Inj Volume : 10 µl
Different Inj Volume from Sequence !     Actual Inj Volume : 5 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.039 BB    0.0711  171.38620   36.29382 100.0000

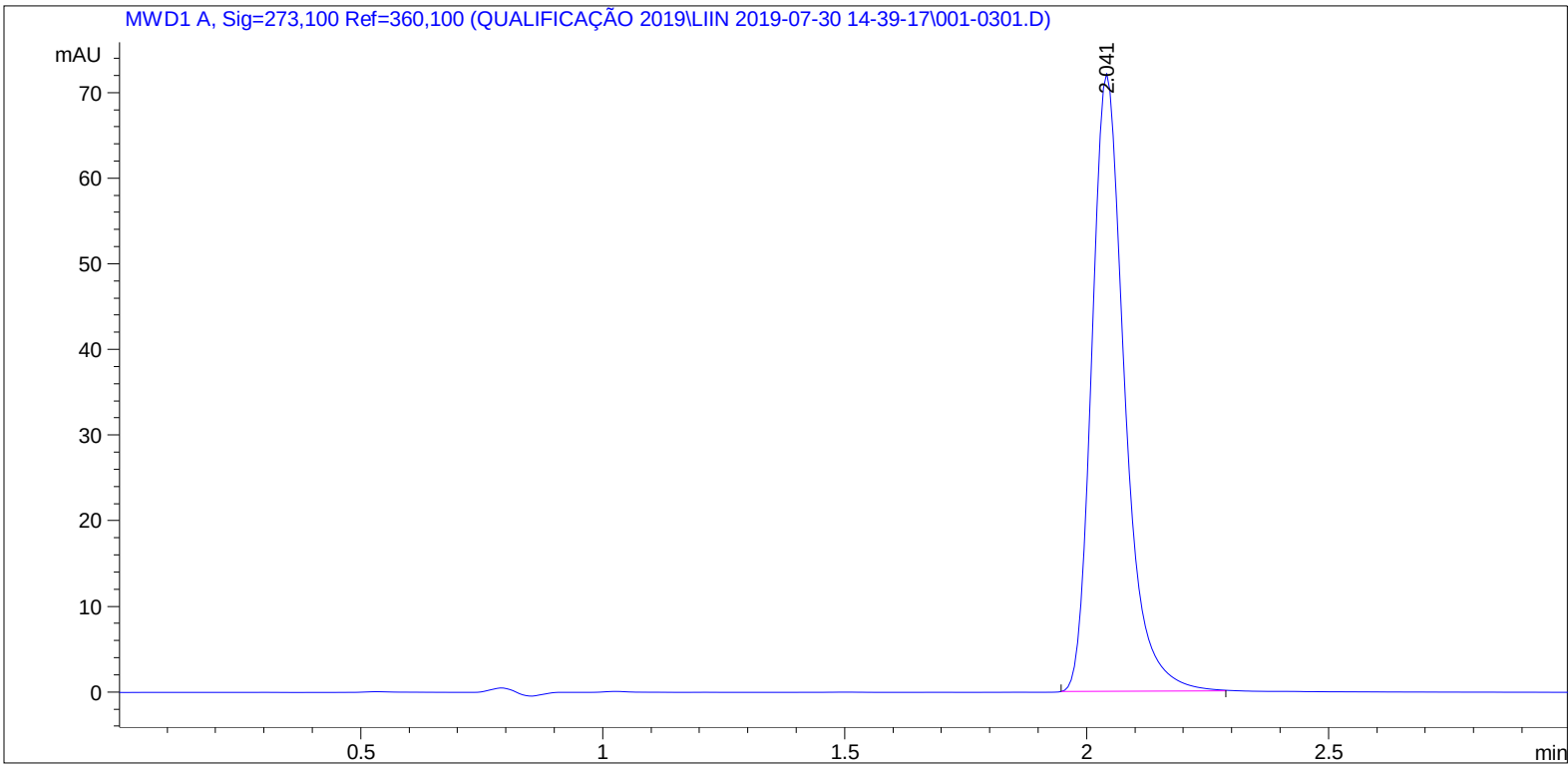
Totals :                   171.38620   36.29382
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\001-0301.D
Sample Name: LIIN 3

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   3
Acq. Instrument : Instrument 1                   Location : Vial 1
Injection Date  : 7/30/2019 2:48:00 PM                Inj :   1
                                                 Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.041 BB    0.0731  340.90756   72.22569 100.0000

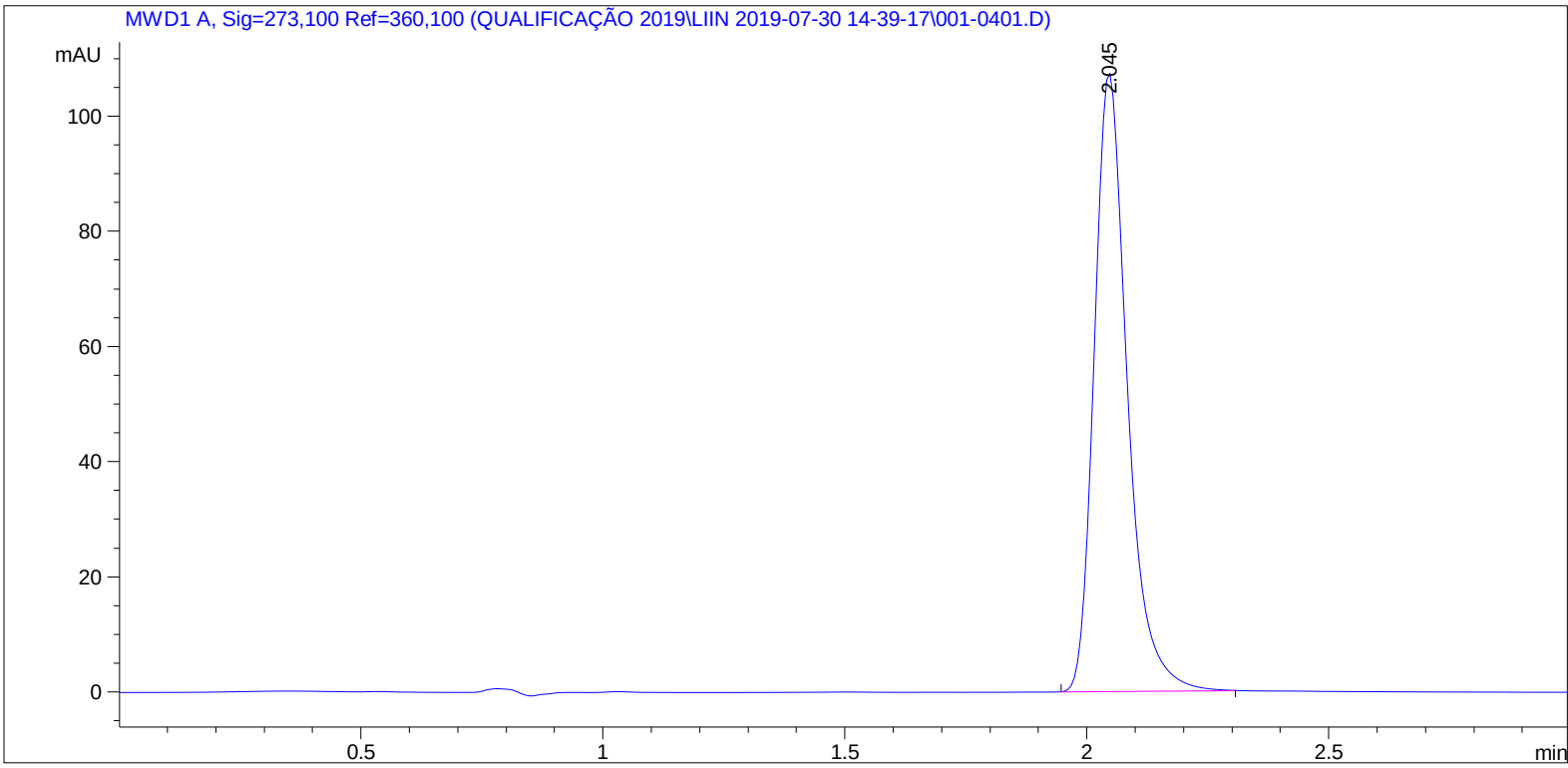
Totals :                   340.90756   72.22569
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\001-0401.D
Sample Name: LIIN 4

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   4
Acq. Instrument : Instrument 1                   Location : Vial 1
Injection Date  : 7/30/2019 2:52:21 PM                Inj :   1
                                                Inj Volume : 10 µl
Different Inj Volume from Sequence !     Actual Inj Volume : 15 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.045 BB    0.0715  512.00732  107.58497 100.0000

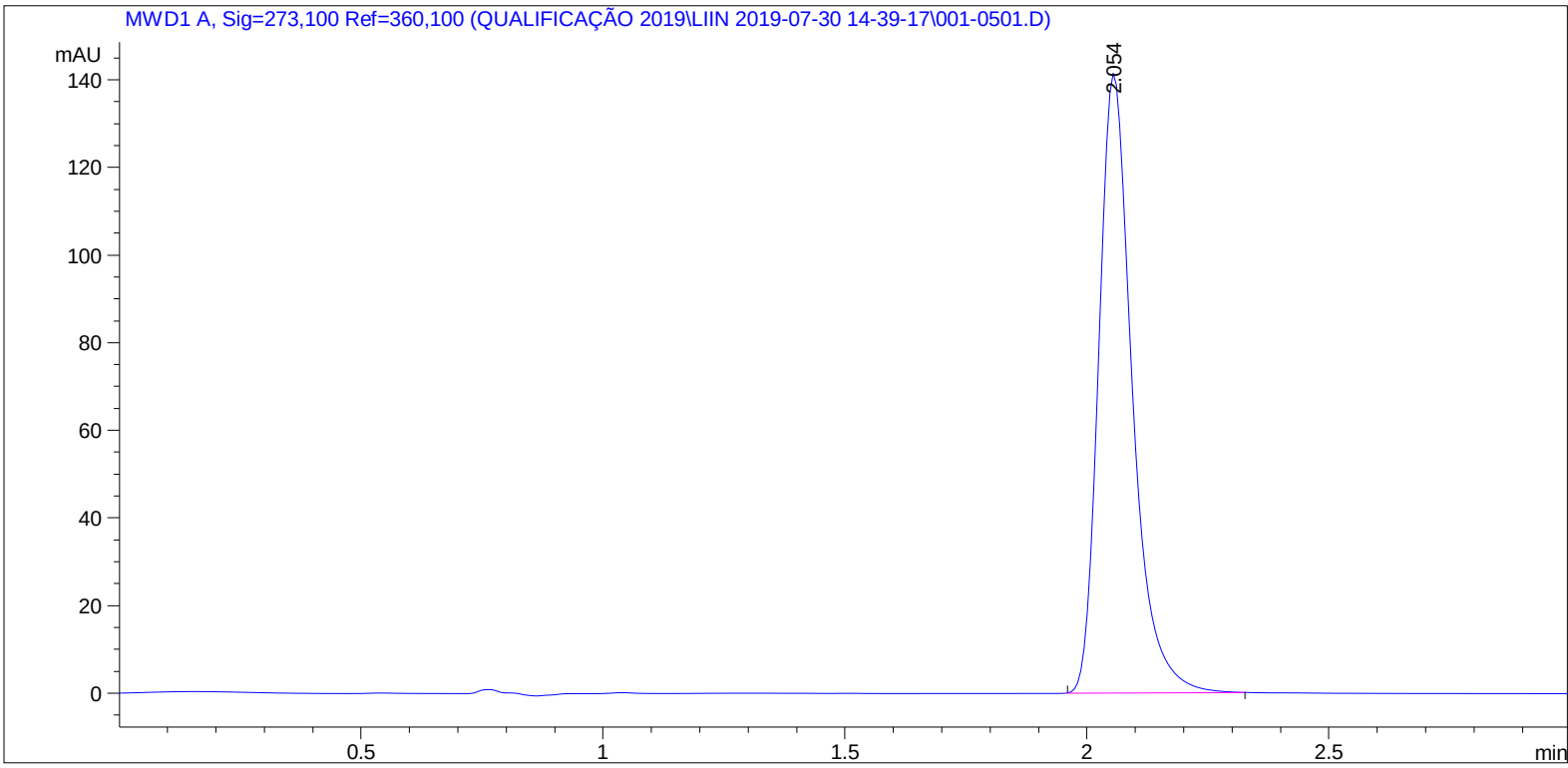
Totals :                   512.00732  107.58497
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\001-0501.D
Sample Name: LIIN 5

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   5
Acq. Instrument : Instrument 1                   Location : Vial 1
Injection Date  : 7/30/2019 2:56:47 PM                Inj :   1
                                                Inj Volume : 10 µl
Different Inj Volume from Sequence !     Actual Inj Volume : 20 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LIIN 2019-07-30 14-39-17\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:10:16 PM by FER
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO.M
Last changed    : 7/30/2019 1:58:18 PM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]   [mAU*s]     [mAU]       %
----|-------|----|-------|----------|----------|--------|
   1   2.054 BB    0.0743  682.67896  141.53694 100.0000

Totals :                   682.67896  141.53694
```

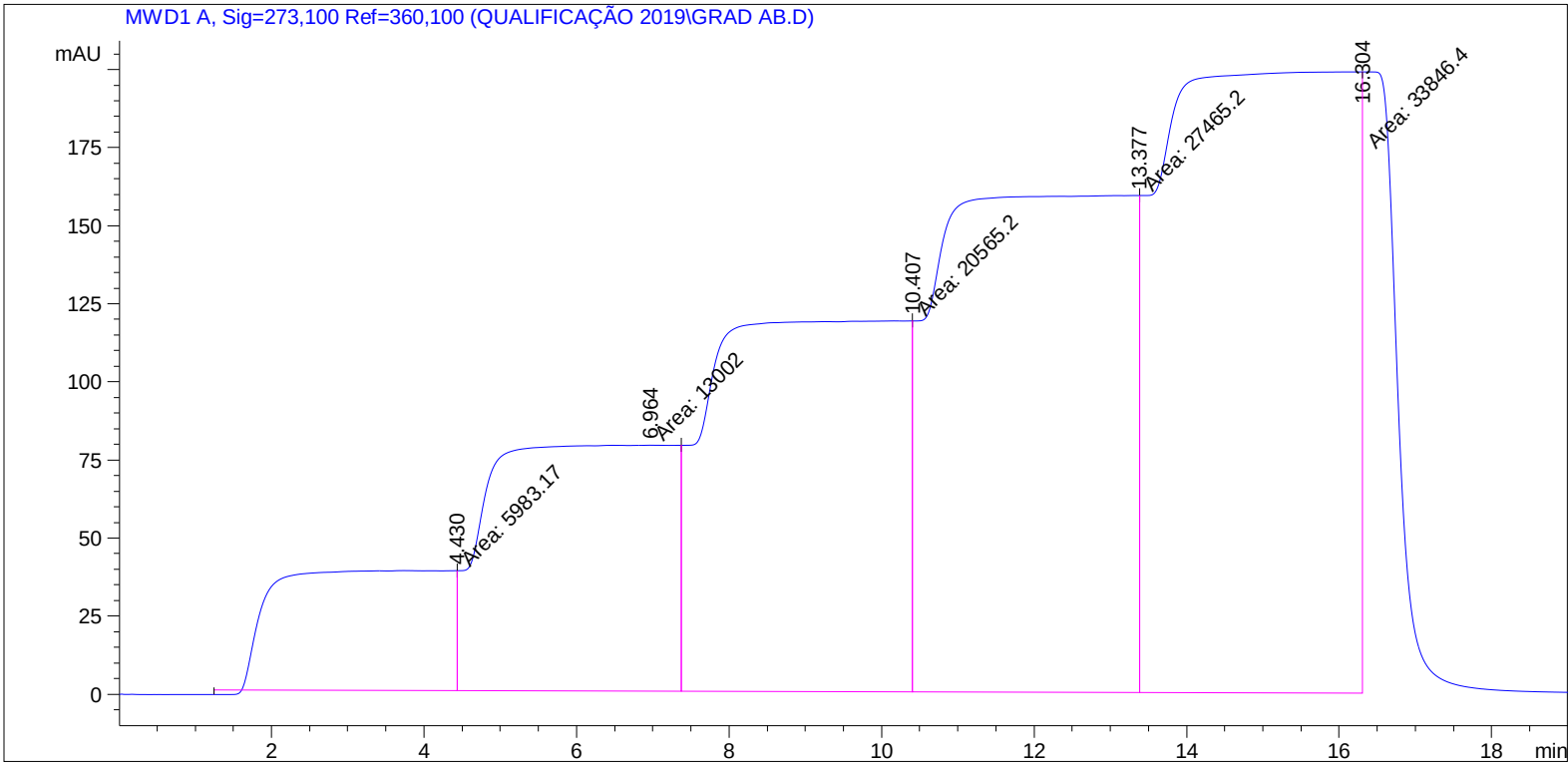
==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\GRAD AB.D
Sample Name: Grad AB

==========

Acq. Operator : Michael Careli
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/30/2019 3:36:37 PM
Inj Volume : 0.1 µl
Method : C:\CHEM32\1\METHODS\GRAD AB.M
Last changed : 7/30/2019 3:32:07 PM by Michael Careli



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Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: MWD1 A, Sig=273,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.430	MF	2.5903	5983.17090	38.49673	5.9320
2	6.964	MF	2.7488	1.30020e4	78.83521	12.8909
3	10.407	MF	2.8838	2.05652e4	118.85338	20.3894
4	13.377	MF	2.8750	2.74652e4	159.21999	27.2305
5	16.304	MF	2.8348	3.38464e4	198.99226	33.5571

Totals : 1.00862e5 594.39756

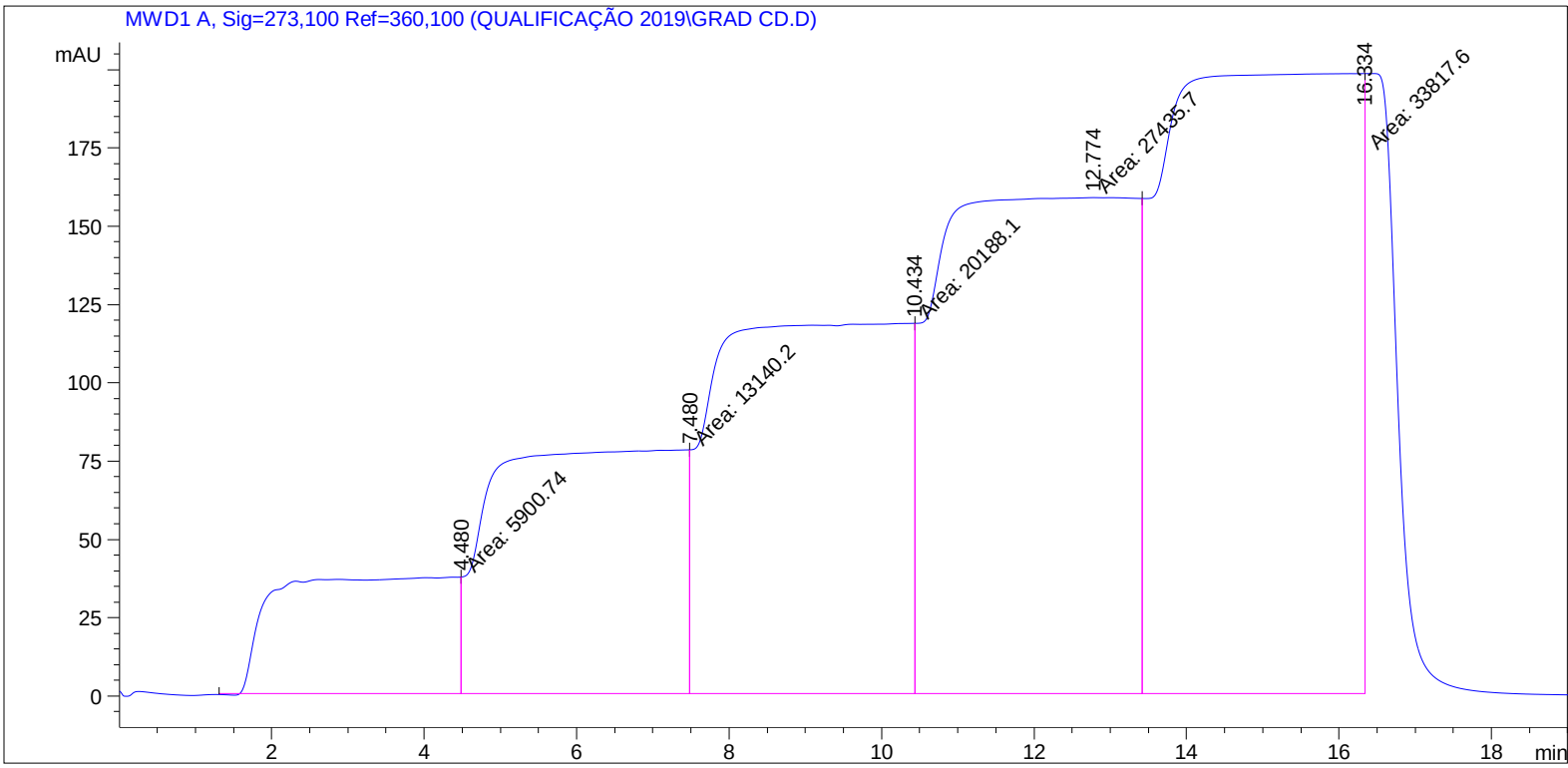
==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\GRAD CD.D
Sample Name: Grad CD

==========

Acq. Operator : Michael Careli
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/30/2019 4:07:16 PM
Inj Volume : 0.1 µl
Acq. Method : C:\CHEM32\1\METHODS\GRAD CD.M
Last changed : 7/30/2019 4:03:36 PM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\GRAD AB.M
Last changed : 7/30/2019 3:32:07 PM by Michael Careli



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Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: MWD1 A, Sig=273,100 Ref=360,100

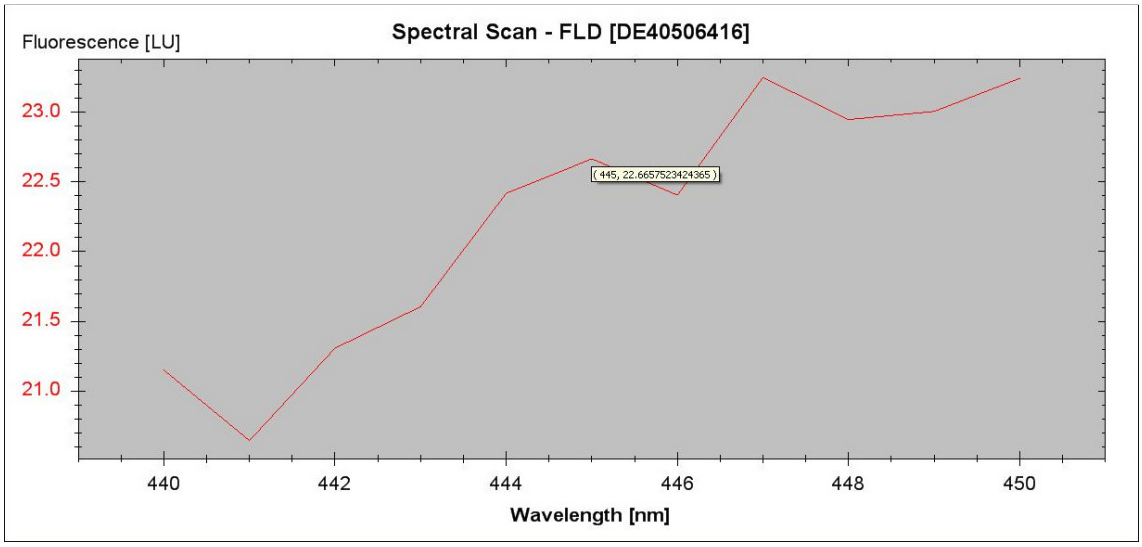
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	4.480	MF	2.6335	5900.73926	37.34417	5.8724
2	7.480	MF	2.8089	1.31402e4	77.96832	13.0771
3	10.434	MF	2.8428	2.01881e4	118.35833	20.0912
4	12.774	MF	2.8848	2.74357e4	158.50758	27.3040
5	16.334	MF	2.8450	3.38176e4	198.10934	33.6552

Totals :	1.00482e5	590.28774

==========

*** End of Report ***

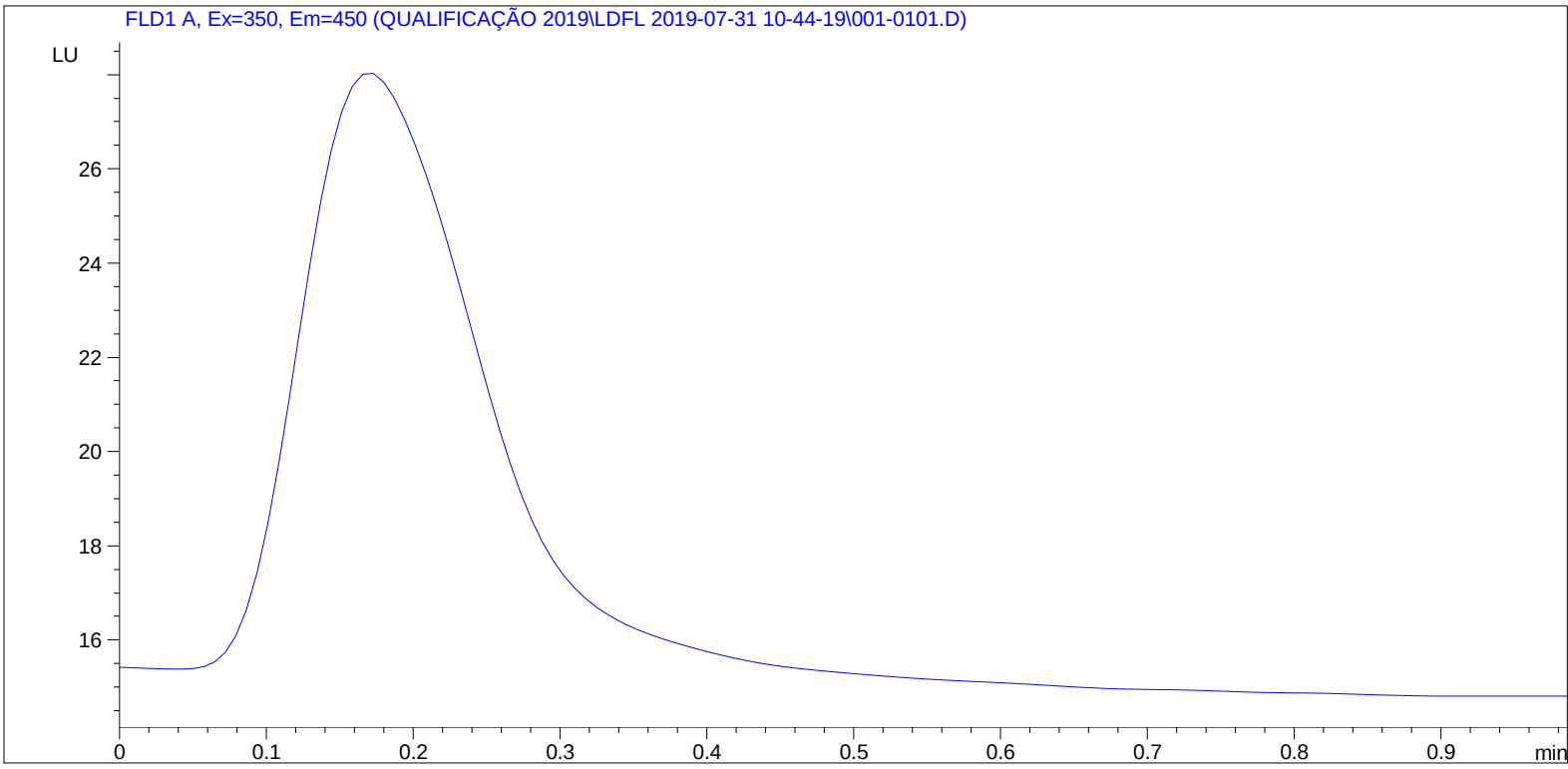
- **EDFL – DETECTOR FLD – DE40506416**



Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\001-0101.D
Sample Name: LDFL 1

==========

Acq. Operator : Michael Careli Seq. Line : 1
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/31/2019 10:45:22 AM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\QUALIFICAÇÃO FL.M
Last changed : 7/31/2019 10:38:35 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO RI.M
Last changed : 7/31/2019 11:22:08 AM by Michael Careli
(modified after loading)



==========

Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

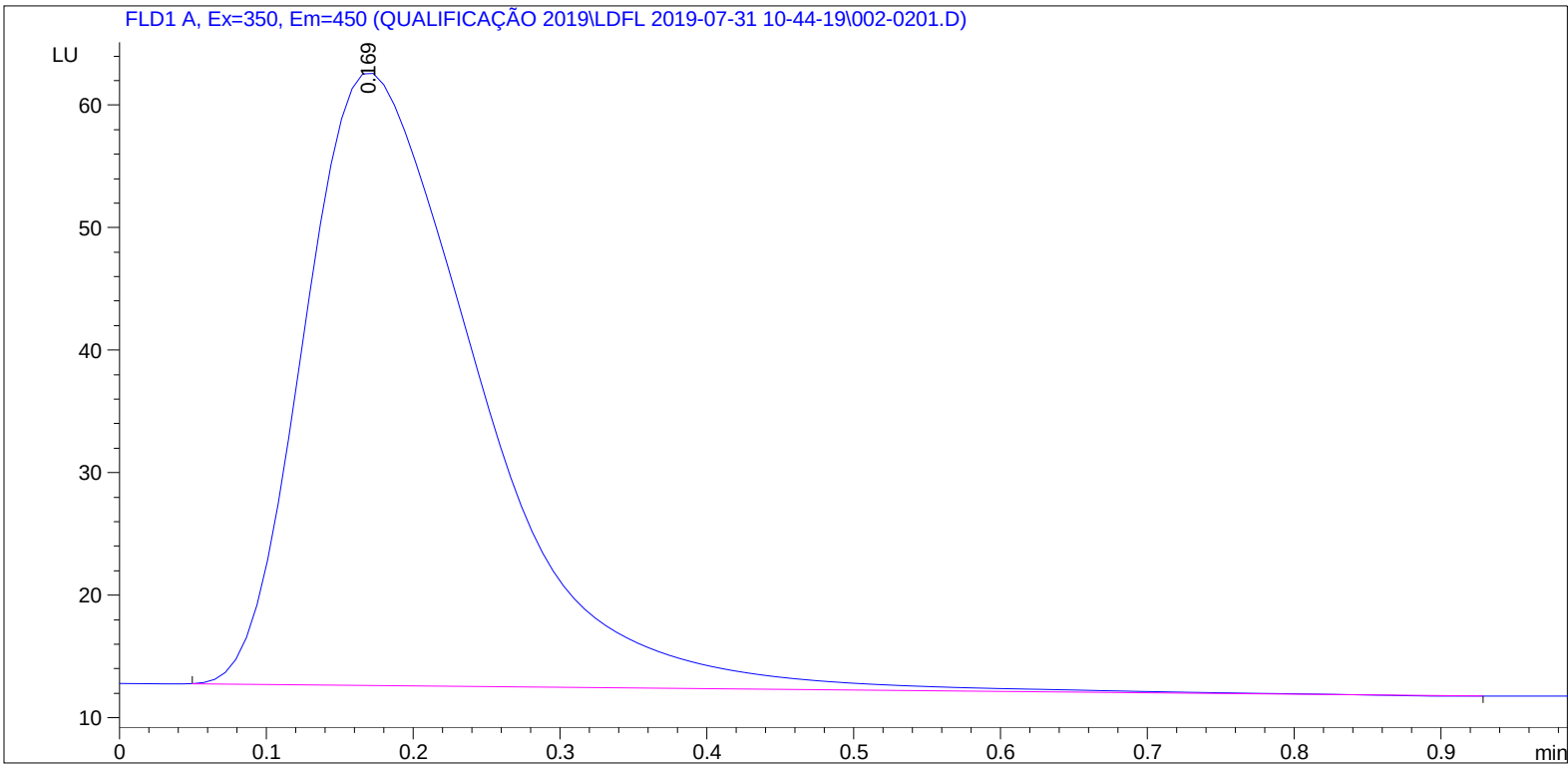
No peaks found

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\002-0201.D
Sample Name: LDFL 2

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   2
Acq. Instrument : Instrument 1                   Location : Vial 2
Injection Date  : 7/31/2019 10:48:15 AM               Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\QUALIFICAÇÃO FL.M
Last changed    : 7/31/2019 10:38:35 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 11:22:08 AM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                        Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: FLD1 A, Ex=350, Em=450

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  LU    *s   [LU    ]       %
----|-------|----|-------|----------|----------|--------|
   1   0.169 BB    0.1296  410.20947   50.07152 100.0000

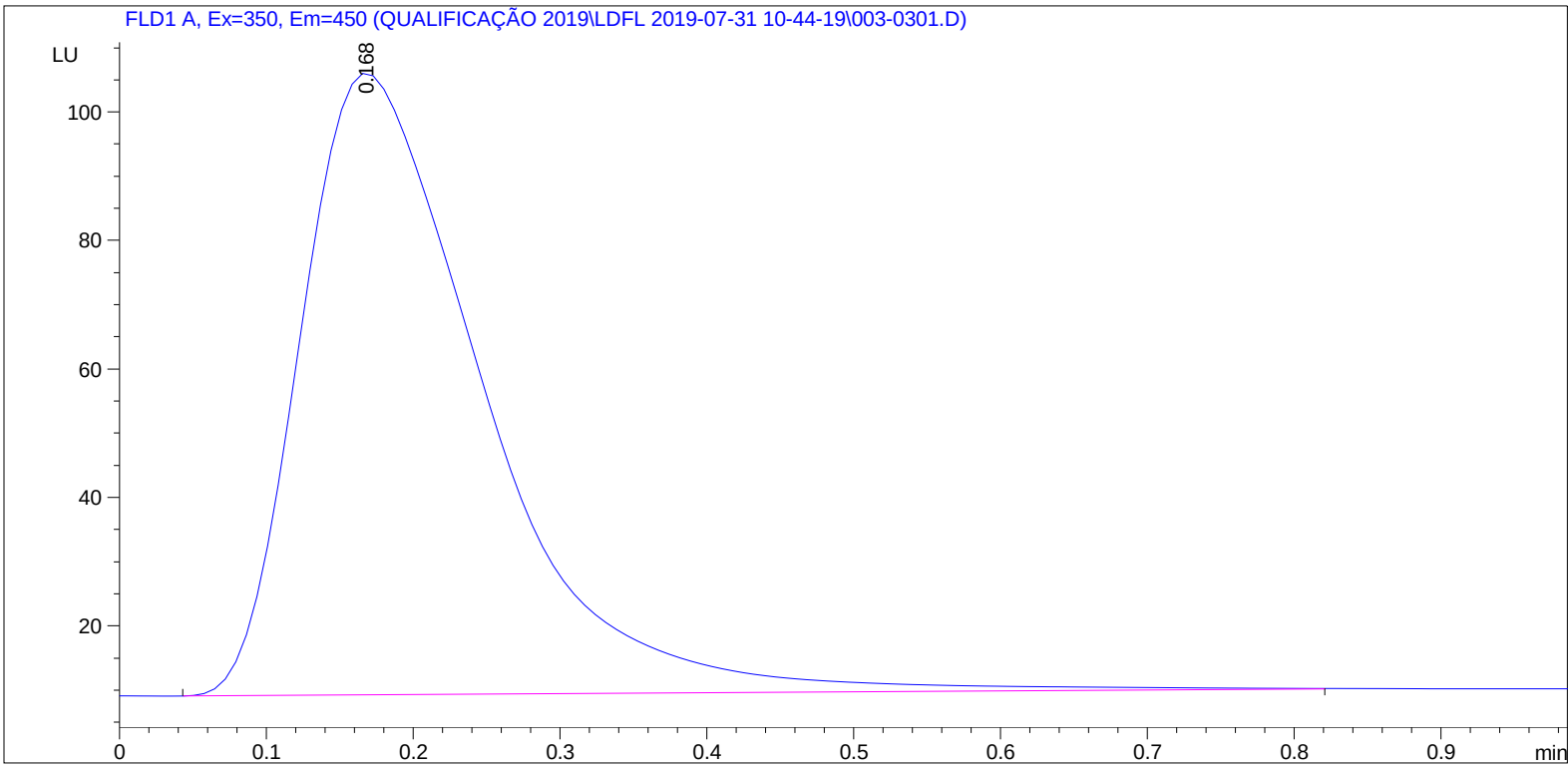
Totals :                   410.20947   50.07152
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\003-0301.D
Sample Name: LDFL 3

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   3
Acq. Instrument : Instrument 1                   Location : Vial 3
Injection Date  : 7/31/2019 10:51:07 AM               Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\QUALIFICAÇÃO FL.M
Last changed    : 7/31/2019 10:38:35 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 11:22:08 AM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                        Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: FLD1 A, Ex=350, Em=450

Peak RetTime Type  Width     Area      Height     Area
  #   [min]       [min]  LU    *s   [LU    ]       %
----|-------|----|-------|----------|----------|--------|
   1   0.168 BB    0.1382  820.28442   96.83703 100.0000

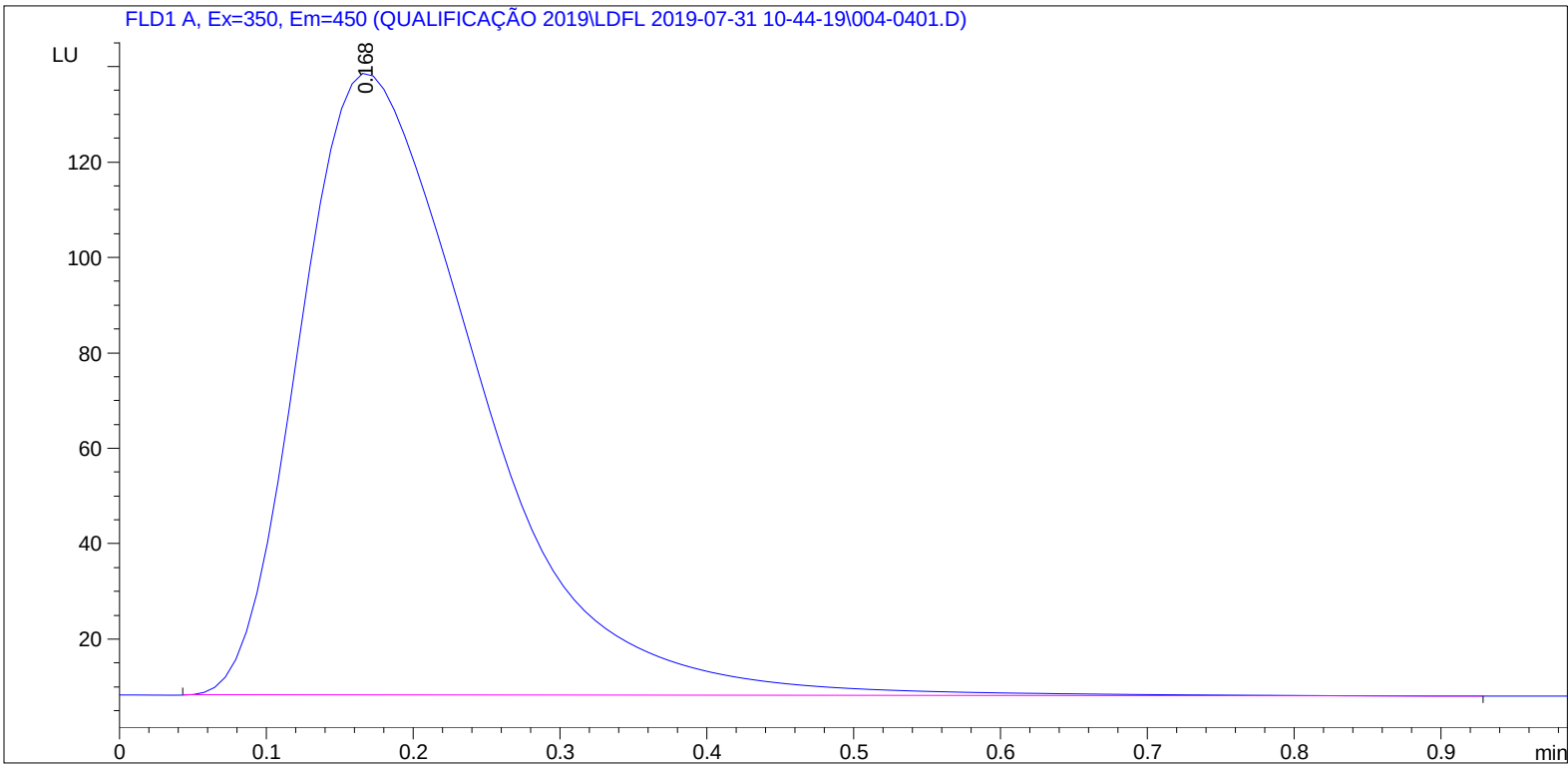
Totals :                   820.28442   96.83703
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\004-0401.D
Sample Name: LDFL 4

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   4
Acq. Instrument : Instrument 1                   Location : Vial 4
Injection Date  : 7/31/2019 10:53:57 AM               Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\QUALIFICAÇÃO FL.M
Last changed    : 7/31/2019 10:38:35 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 11:22:08 AM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                        Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: FLD1 A, Ex=350, Em=450

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  LU    *s   [LU    ]       %
----|-------|----|-------|----------|----------|--------|
   1   0.168 BB    0.1346 1210.60986  130.47276 100.0000

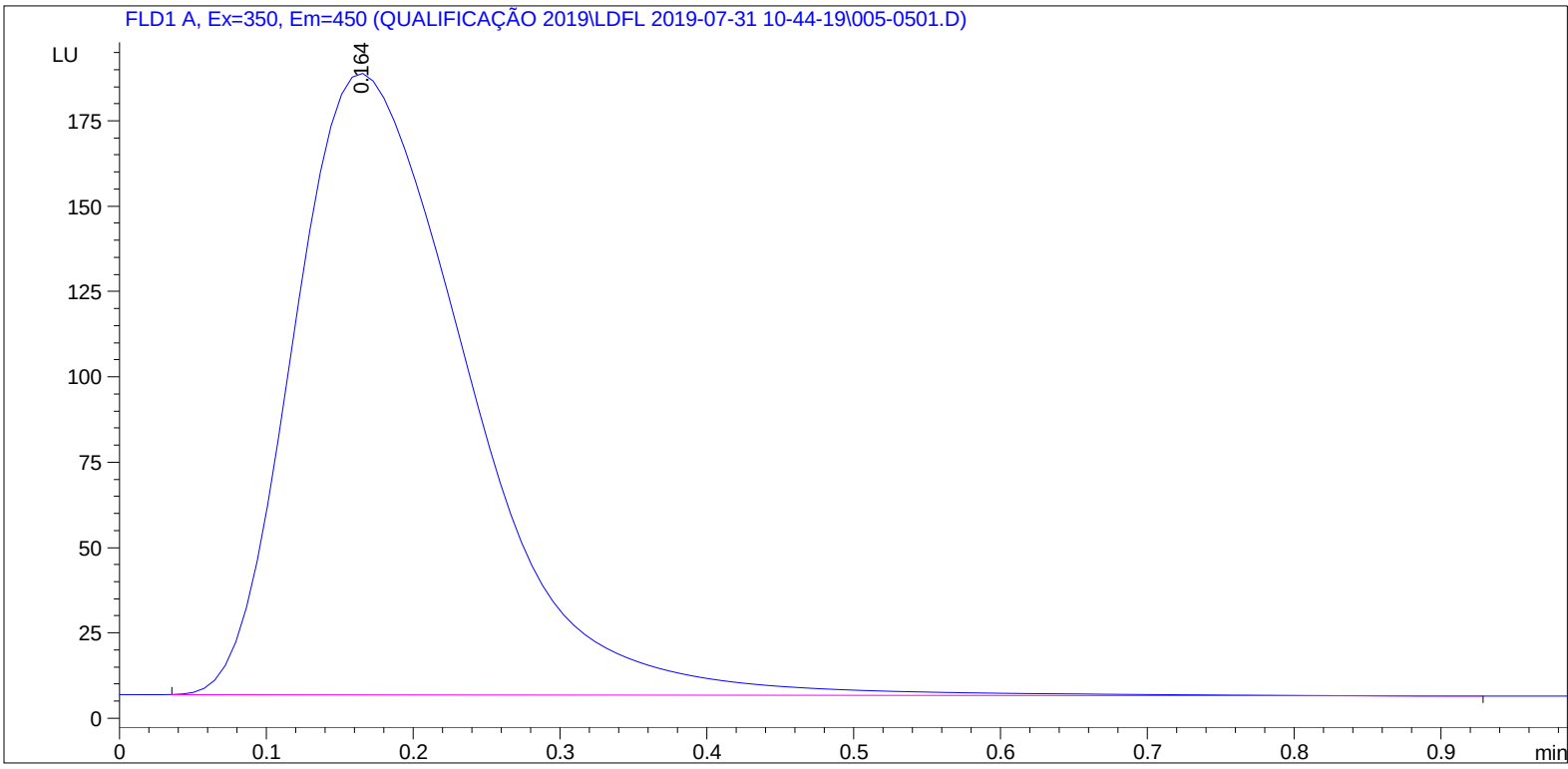
Totals :                  1210.60986  130.47276
```

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\005-0501.D
Sample Name: LDFL 5

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   5
Acq. Instrument : Instrument 1                   Location : Vial 5
Injection Date  : 7/31/2019 10:56:47 AM               Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDFL 2019-07-31 10-44-19\QUALIFICAÇÃO FL.M
Last changed    : 7/31/2019 10:38:35 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 11:22:08 AM by Michael Careli
                  (modified after loading)
```




```
==========================================================================
                        Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: FLD1 A, Ex=350, Em=450

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  LU    *s   [LU    ]       %
----|-------|----|-------|----------|----------|--------|
   1   0.164 BB    0.1314 1601.14954  182.08707 100.0000

Totals :                  1601.14954  182.08707
```

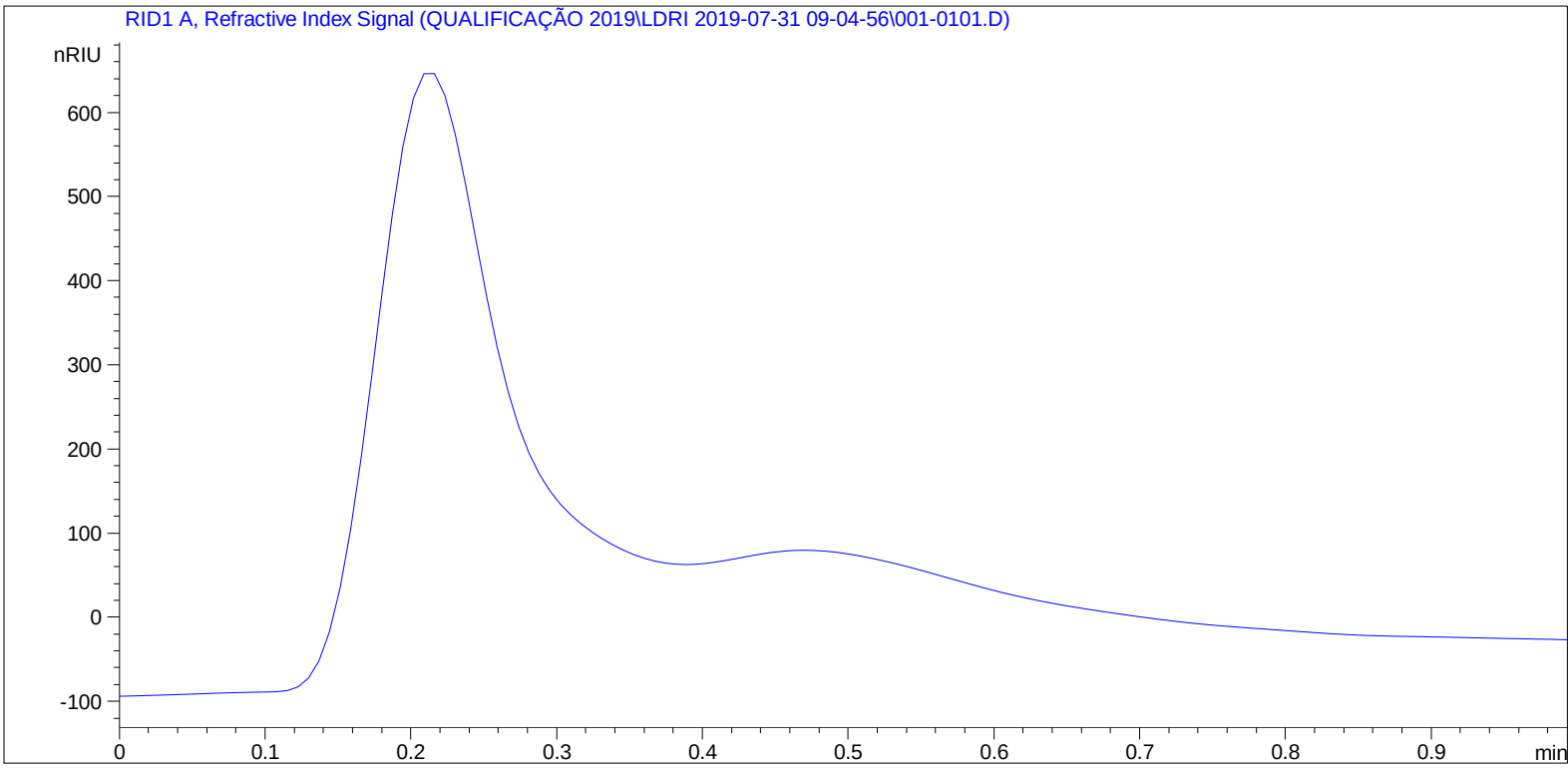
==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\001-0101.D
Sample Name: LDRI 1

==========

Acq. Operator : Michael Careli Seq. Line : 1
Acq. Instrument : Instrument 1 Location : Vial 1
Injection Date : 7/31/2019 9:05:50 AM Inj : 1
Inj Volume : 10 µl
Acq. Method : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\QUALIFICAÇÃO RI.M
Last changed : 7/31/2019 8:09:40 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\GRAD CD.M
Last changed : 7/30/2019 4:03:36 PM by Michael Careli



==========

Area Percent Report

==========

Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

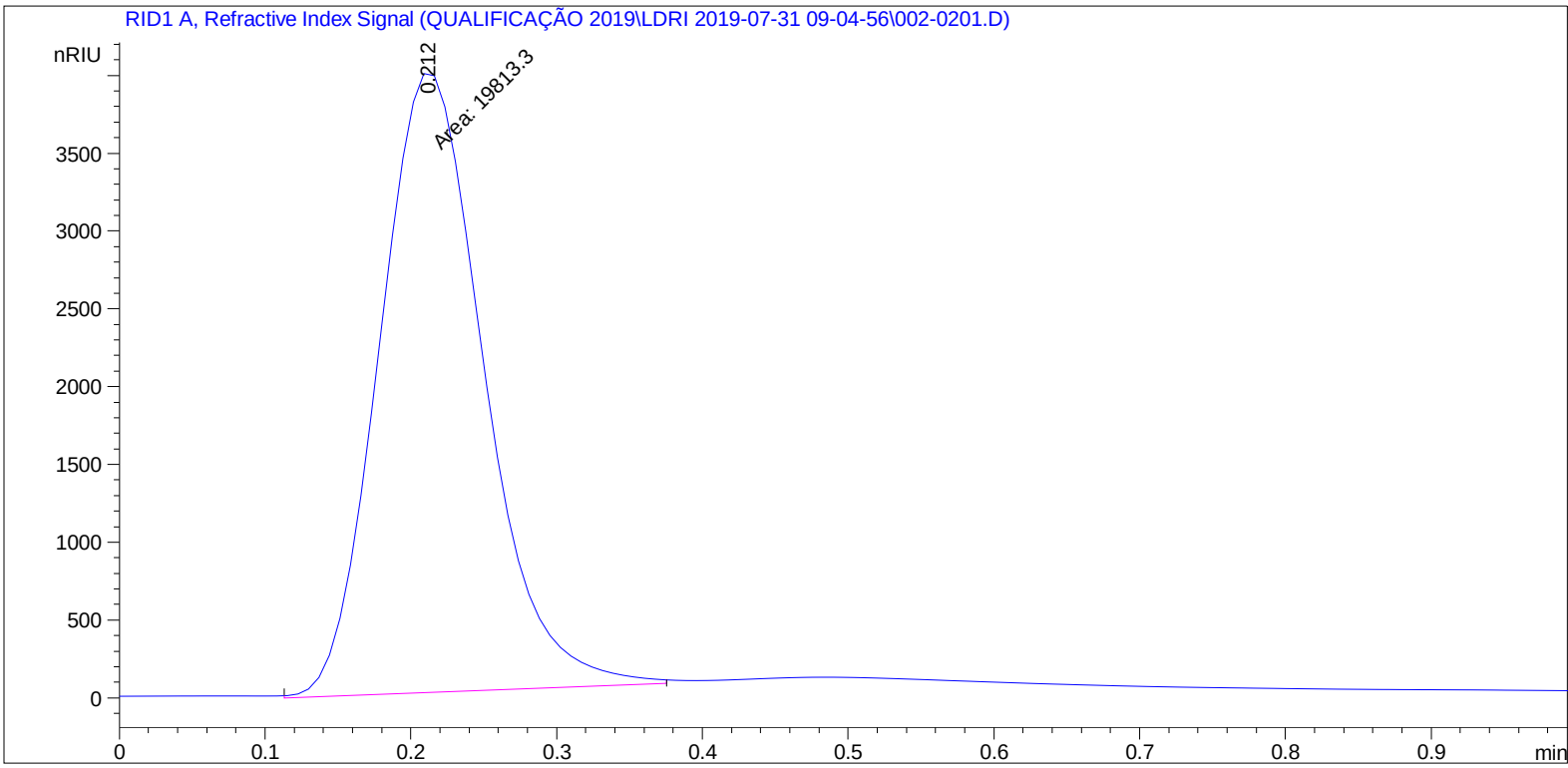
No peaks found

==========

*** End of Report ***

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\002-0201.D
Sample Name: LDRI 2

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   2
Acq. Instrument : Instrument 1                   Location : Vial 2
Injection Date  : 7/31/2019 9:08:00 AM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 8:09:40 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\GRAD CD.M
Last changed    : 7/30/2019 4:03:36 PM by Michael Careli
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: RID1 A, Refractive Index Signal

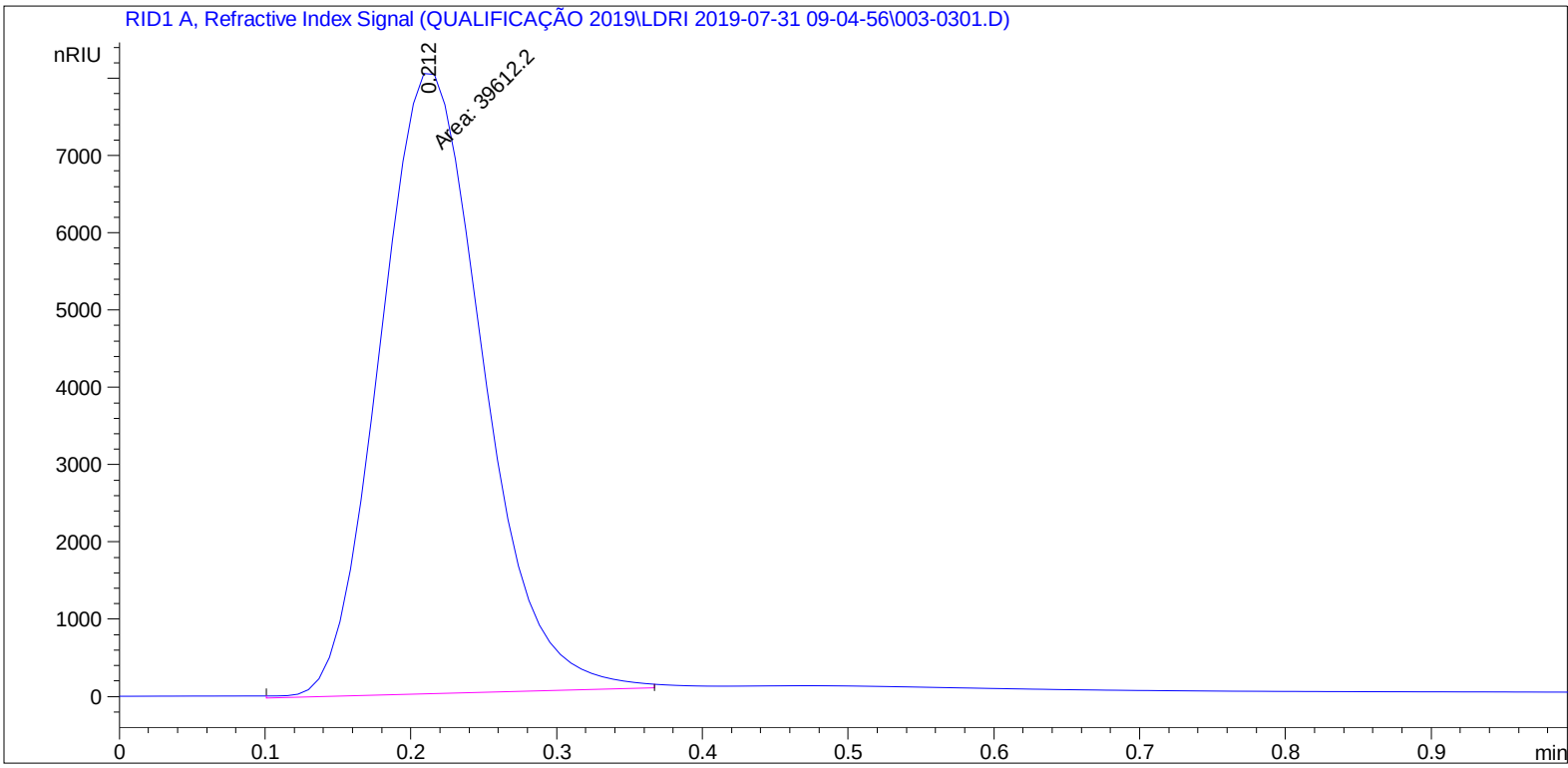
Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  [nRIU*s]    [nRIU]       %
----|-------|----|-------|----------|----------|--------|
   1   0.212 MM    0.0824 1.98133e4  4005.23096 100.0000

Totals :                  1.98133e4  4005.23096

==========================================================================
```

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\003-0301.D
Sample Name: LDRI 3

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   3
Acq. Instrument : Instrument 1                   Location : Vial 3
Injection Date  : 7/31/2019 9:10:08 AM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 8:09:40 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\GRAD CD.M
Last changed    : 7/30/2019 4:03:36 PM by Michael Careli
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: RID1 A, Refractive Index Signal

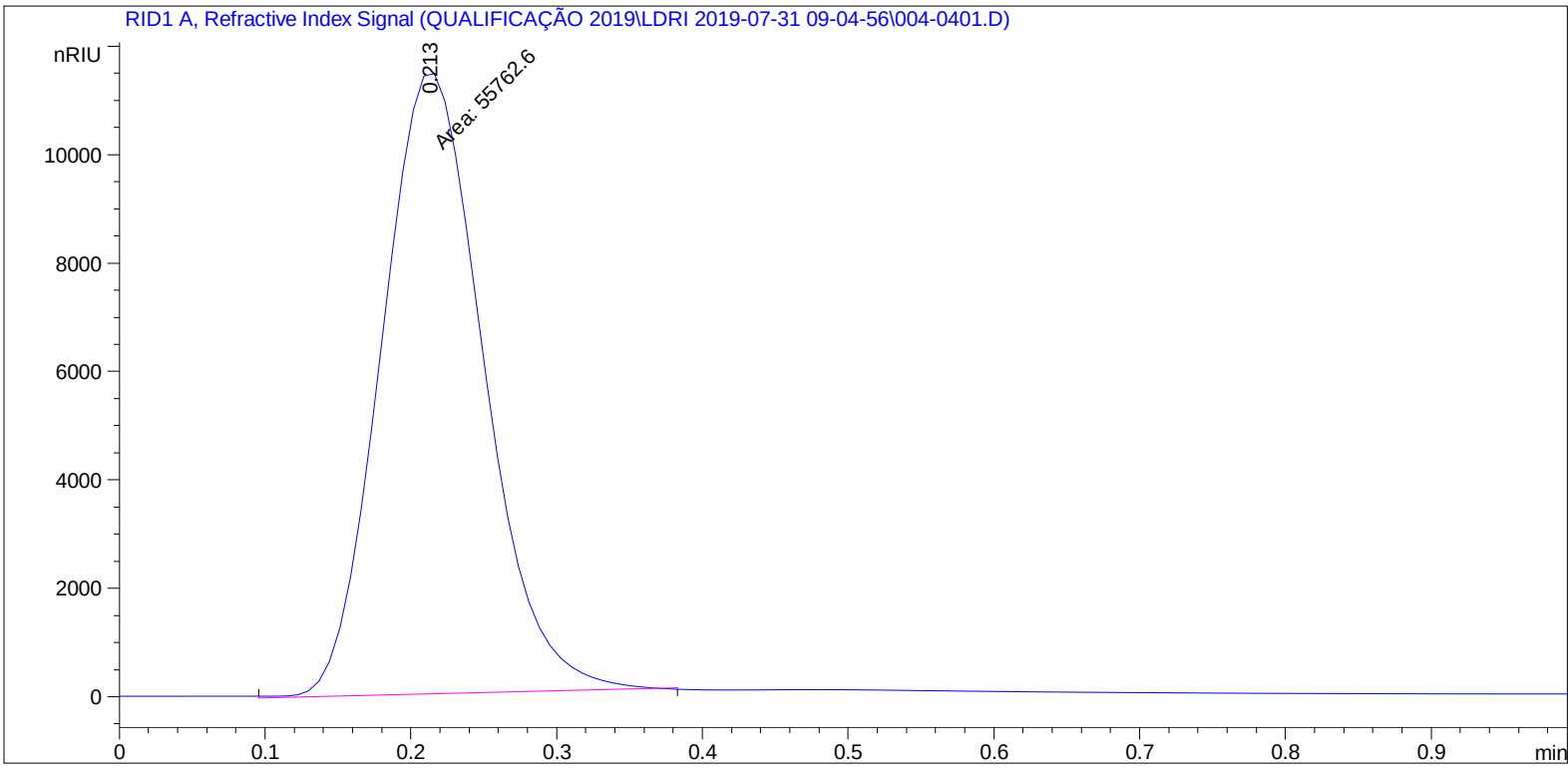
Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  [nRIU*s]    [nRIU]       %
----|-------|----|-------|----------|----------|--------|
   1   0.212 MM    0.0816 3.96122e4  8091.32861 100.0000

Totals :                  3.96122e4  8091.32861


==========================================================================
```

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\004-0401.D
Sample Name: LDRI 4

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   4
Acq. Instrument : Instrument 1                   Location : Vial 4
Injection Date  : 7/31/2019 9:12:17 AM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 8:09:40 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\GRAD CD.M
Last changed    : 7/30/2019 4:03:36 PM by Michael Careli
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: RID1 A, Refractive Index Signal

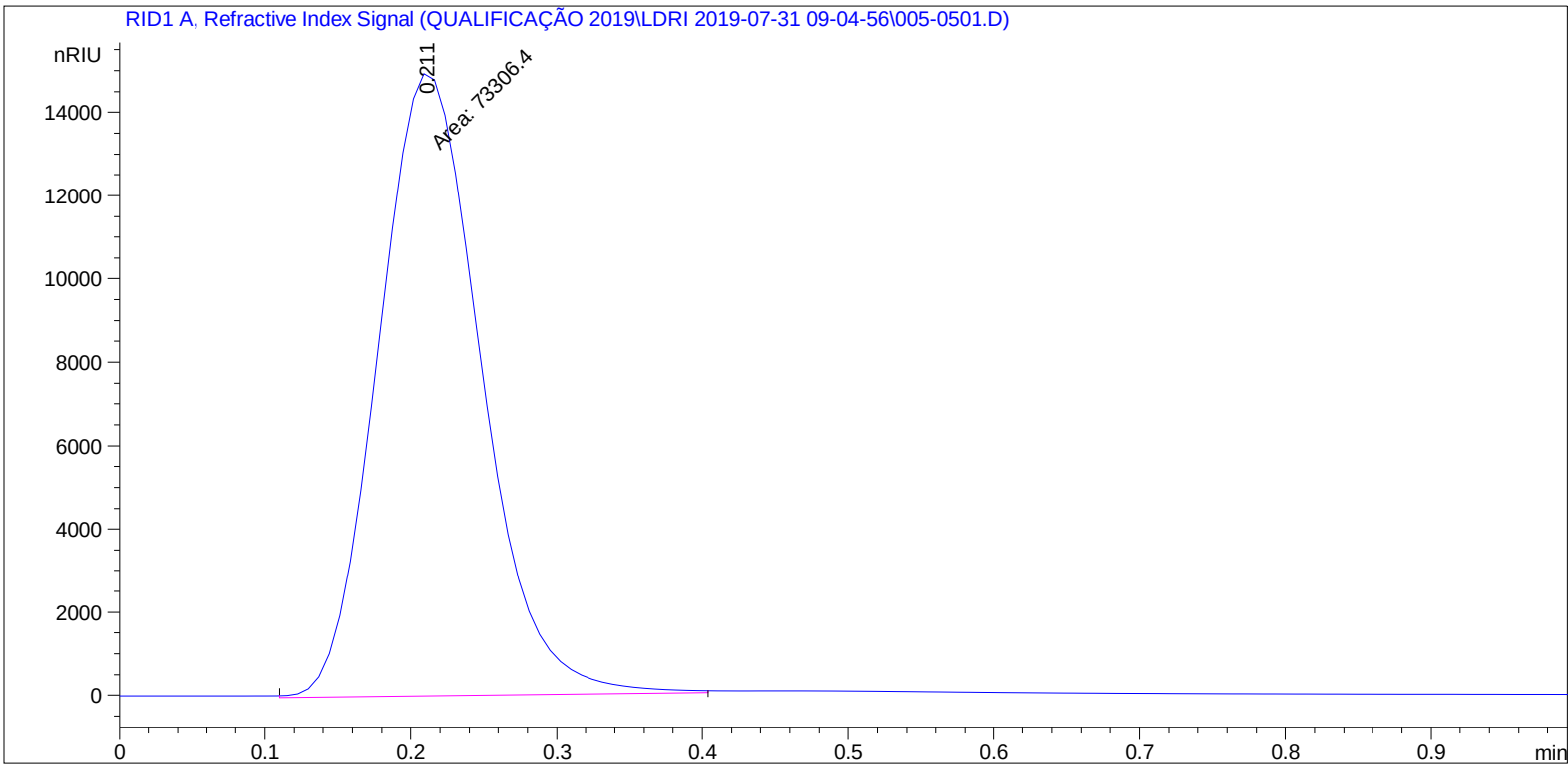
Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  [nRIU*s]    [nRIU]       %
----|-------|----|-------|----------|----------|--------|
   1   0.213 MM    0.0807 5.57626e4  1.15195e4  100.0000

Totals :                  5.57626e4  1.15195e4


==========================================================================
```

Data File C:\CHEM32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\005-0501.D
Sample Name: LDRI 5

```
==========================================================================
Acq. Operator   : Michael Careli                 Seq. Line :   5
Acq. Instrument : Instrument 1                   Location : Vial 5
Injection Date  : 7/31/2019 9:14:26 AM                Inj :   1
                                                Inj Volume : 10 µl
Acq. Method     : C:\Chem32\1\DATA\QUALIFICAÇÃO 2019\LDRI 2019-07-31 09-04-56\QUALIFICAÇÃO RI.M
Last changed    : 7/31/2019 8:09:40 AM by Michael Careli
Analysis Method : C:\CHEM32\1\METHODS\GRAD CD.M
Last changed    : 7/30/2019 4:03:36 PM by Michael Careli
```




```
==========================================================================
                          Area Percent Report
==========================================================================

Sorted By             :      Signal
Multiplier            :      1.0000
Dilution              :      1.0000
Use Multiplier & Dilution Factor with ISTDs


Signal 1: RID1 A, Refractive Index Signal

Peak RetTime Type  Width     Area      Height     Area
  #   [min]        [min]  [nRIU*s]    [nRIU]       %
----|-------|----|-------|----------|----------|--------|
   1   0.211 MM    0.0814 7.33064e4  1.50105e4  100.0000

Totals :                  7.33064e4  1.50105e4


==========================================================================
```