

# Loadlist-Alcohol Reference Solution Verification

| Location | Sample         |
|----------|----------------|
| 1        | Volatiles Mix  |
| 2        | Blank          |
| 3        | Cerilliant 25  |
| 4        | Cerilliant 100 |
| 5        | Cerilliant 200 |
| 6        | Cerilliant 400 |
| 7        | Blank          |
| 8        | Lipomed 50     |
| 9        | 21             |
| 10       | 24             |
| 11       | 28             |
| 12       | 30             |
| 13       | 1109           |
| 14       | 1111           |
| 15       | 1125           |
| 16       | 2153           |
| 17       | 2160           |
| 18       | 2164           |
| 19       | Lipomed 100    |
| 20       | 21             |
| 21       | 24             |
| 22       | 28             |
| 23       | 30             |
| 24       | 1109           |
| 25       | 1111           |
| 26       | 1125           |
| 27       | 2153           |
| 28       | 2160           |
| 29       | 2164           |
| 30       | Lipomed 300    |

| Instrument Parameters |      |        |   |
|-----------------------|------|--------|---|
| Sample Temp           | 60   | C      | ✓ |
| Needle Temp           | 70   | C      | ✓ |
| Transfer Temp         | 80   | C      | ✓ |
| Thermostat time       | 15   | min    | ✓ |
| Pressurization time   | 2.0  | min    | ✓ |
| Withdraw time         | 0.2  | min    | ✓ |
| Injection Time        | 0.03 | min    | ✓ |
| Cycle Time            | 4.5  | min    | ✓ |
| Inlet temp            | 90   | C      | ✓ |
| He Carrier pressure   | 15   | psi    | ✓ |
| Column oven temp      | 55   | C      | ✓ |
| Run Time              | 5.0  | min    | ✓ |
| FID Temp              | 220  | C      | ✓ |
| Hydrogen Flow         | 45   | mL/min | ✓ |
| Air Flow              | 450  | mL/min | ✓ |

|                        |           |
|------------------------|-----------|
| Procedure Used         | Eff. Date |
| ATP-TSOP v.8 section 4 | Jun-23    |

## Reagents, Calibrators and Controls

| Materials                 | Lot        | Exp. Date |
|---------------------------|------------|-----------|
| Internal Standard         | 04012024   | na        |
| Volatiles Mixture         | 052121 TG  | na        |
| Water (Fisher Scientific) | 213960     | 06/2026   |
| Cerilliant 25             | FN03122112 | 03/2026   |
| Cerilliant 100            | FN03072301 | 03/2028   |
| Cerilliant 200            | FN03132302 | 03/2028   |
| Cerilliant 400            | FN03052102 | 03/2026   |
| Lipomed 50                | 10072019-A | 07/2024   |
| Lipomed 100               | 25052023-A | 05/2028   |
| Lipomed 300               | 28062021-A | 06/2026   |

## Reference Solution

|                   |             |
|-------------------|-------------|
| Level Tested:     | 0.05 g/210L |
| Lot #:            | 202402E     |
| Manufacture Date: | 2/27/2024   |
| Expiration Date   | 2/27/2026   |

Operator: PN

Date: 4/3/2024

AK  
4/5/24

Alcohol Analysis QC Summary

| Report Date | 4/3/2024       |
|-------------|----------------|
| Reviewer    | Brett Kirkland |

BK  
4/5/24

| Run Summary Data |         |               |            | Ethanol |           |        |       | n-Propanol |  |
|------------------|---------|---------------|------------|---------|-----------|--------|-------|------------|--|
| Run Date         | Channel | Sample        | Lot        | RT      | Area      | Conc.  | RT    | Area       |  |
| 4/3/2024         | A       | Volatiles Mix | 052121 TG  | 1.330   | 23480.20  | 0.0684 | 1.886 | 198449.60  |  |
| 4/3/2024         | A       | Blank         | 213960     |         | 0.00      | 0.0000 | 1.886 | 220043.11  |  |
| 4/3/2024         | A       | CER 25        | FN03122112 | 1.330   | 14580.70  | 0.0338 | 1.886 | 199558.00  |  |
| 4/3/2024         | A       | CER 100       | FN03072301 | 1.331   | 59914.64  | 0.1458 | 1.887 | 197862.90  |  |
| 4/3/2024         | A       | CER 200       | FN03132302 | 1.330   | 122236.18 | 0.2942 | 1.887 | 200078.95  |  |
| 4/3/2024         | A       | CER 400       | FN03052102 | 1.330   | 251492.25 | 0.4012 | 1.886 | 200980.34  |  |
| 4/3/2024         | A       | Blank         | 213960     |         | 0.00      | 0.0000 | 1.886 | 217031.63  |  |
| 4/3/2024         | A       | Lipomed 50    | 10072019-A | 1.330   | 29112.61  | 0.0506 | 1.886 | 195916.23  |  |
| 4/3/2024         | A       | 21            | 202402E    | 1.330   | 35724.86  | 0.0610 | 1.887 | 197010.73  |  |
| 4/3/2024         | A       | 24            | 202402E    | 1.331   | 35663.33  | 0.0608 | 1.887 | 197337.88  |  |
| 4/3/2024         | A       | 28            | 202402E    | 1.330   | 36092.04  | 0.0611 | 1.887 | 198554.28  |  |
| 4/3/2024         | A       | 30            | 202402E    | 1.330   | 36129.14  | 0.0610 | 1.886 | 199429.97  |  |
| 4/3/2024         | A       | 1109          | 202402E    | 1.330   | 36155.34  | 0.0607 | 1.886 | 200353.22  |  |
| 4/3/2024         | A       | 1111          | 202402E    | 1.331   | 36557.47  | 0.0604 | 1.887 | 203883.56  |  |
| 4/3/2024         | A       | 1125          | 202402E    | 1.328   | 35597.02  | 0.0609 | 1.885 | 196582.71  |  |
| 4/3/2024         | A       | 2153          | 202402E    | 1.324   | 36561.22  | 0.0617 | 1.881 | 199138.08  |  |
| 4/3/2024         | A       | 2160          | 202402E    | 1.328   | 36840.09  | 0.0605 | 1.884 | 204894.58  |  |
| 4/3/2024         | A       | 2164          | 202402E    | 1.330   | 36302.99  | 0.0609 | 1.886 | 200588.65  |  |
| 4/3/2024         | A       | Lipomed 100   | 25052023-A | 1.328   | 59192.87  | 0.0997 | 1.885 | 195321.20  |  |
| 4/3/2024         | A       | 21            | 202402E    | 1.331   | 36188.89  | 0.0612 | 1.887 | 199041.95  |  |
| 4/3/2024         | A       | 24            | 202402E    | 1.330   | 35534.30  | 0.0611 | 1.887 | 195614.68  |  |
| 4/3/2024         | A       | 28            | 202402E    | 1.330   | 36734.06  | 0.0605 | 1.886 | 204482.50  |  |
| 4/3/2024         | A       | 30            | 202402E    | 1.330   | 36413.75  | 0.0609 | 1.886 | 201145.10  |  |
| 4/3/2024         | A       | 1109          | 202402E    | 1.329   | 34243.99  | 0.0609 | 1.886 | 189130.90  |  |
| 4/3/2024         | A       | 1111          | 202402E    | 1.330   | 35331.50  | 0.0610 | 1.887 | 194896.50  |  |
| 4/3/2024         | A       | 1125          | 202402E    | 1.330   | 35998.53  | 0.0609 | 1.886 | 199043.56  |  |
| 4/3/2024         | A       | 2153          | 202402E    | 1.330   | 35904.85  | 0.0610 | 1.886 | 197892.56  |  |
| 4/3/2024         | A       | 2160          | 202402E    | 1.329   | 36612.30  | 0.0609 | 1.885 | 202210.27  |  |
| 4/3/2024         | A       | 2164          | 202402E    | 1.330   | 36316.00  | 0.0607 | 1.887 | 201246.06  |  |
| 4/3/2024         | A       | Lipomed 300   | 28062021-A | 1.330   | 197180.46 | 0.2993 | 1.887 | 211825.11  |  |

%CV = 3.12%

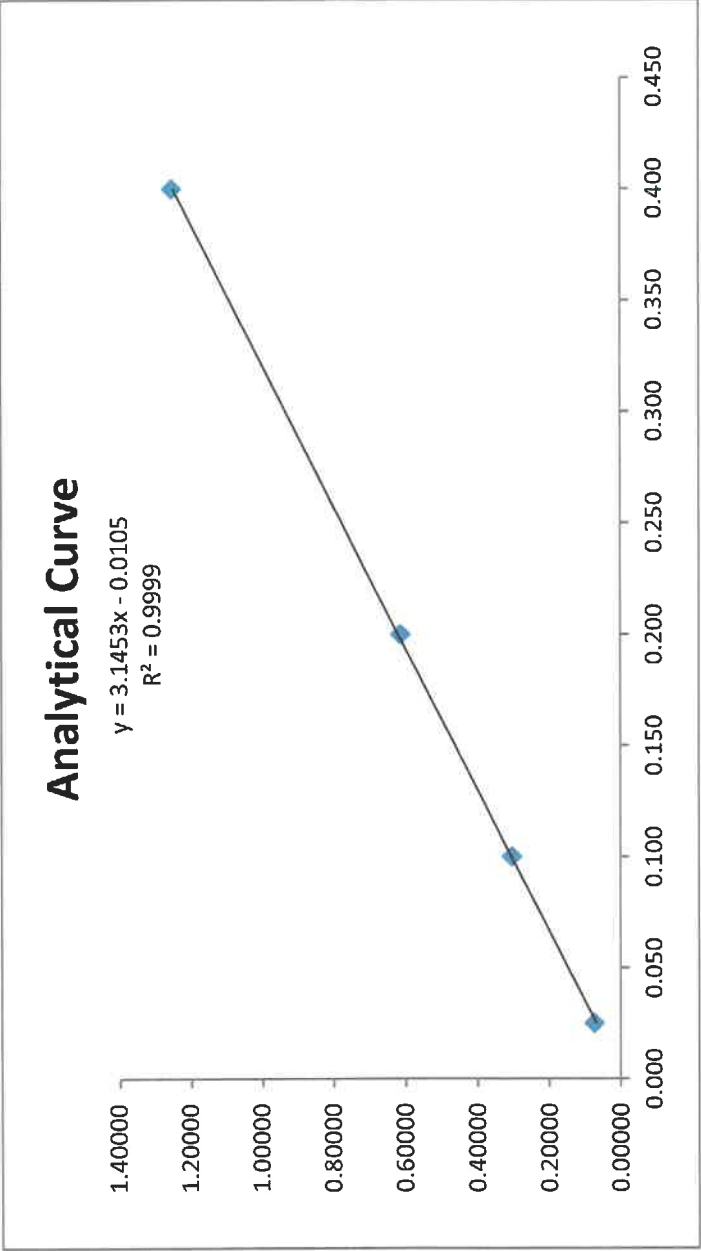
ALCOHOL ANALYSIS QC SUMMARY

|             |                |
|-------------|----------------|
| Report Date | 4/3/2024       |
| Reviewer    | Brett Kirkland |

BK  
4/5/24

| RUN SUMMARY DATA |         |         |            | Ethanol |           |        | n-Propanol |           |
|------------------|---------|---------|------------|---------|-----------|--------|------------|-----------|
| Run Date         | Channel | Sample  | Lot        | RT      | Area      | Conc.  | RT         | Area      |
| 4/3/2024         | A       | CER 25  | FN03122112 | 1.330   | 14580.70  | 0.0338 | 1.886      | 199558.00 |
| 4/3/2024         | A       | CER 100 | FN03072301 | 1.331   | 59914.64  | 0.1458 | 1.887      | 197862.90 |
| 4/3/2024         | A       | CER 200 | FN03132302 | 1.330   | 122236.18 | 0.2942 | 1.887      | 200078.95 |
| 4/3/2024         | A       | CER 400 | FN03052102 | 1.330   | 251492.25 | 0.4012 | 1.886      | 200980.34 |

| Summary        |  | Standard    | g/dL  | Ratio   | Calc.   | Diff     |
|----------------|--|-------------|-------|---------|---------|----------|
|                |  | Blank       | 0.000 | 0.00000 | 0.00000 | 0.00000  |
| Slope          |  | 3.1453      | 0.025 | 0.07306 | 0.02658 | 0.00158  |
| Intercept      |  | -0.0105     | 0.100 | 0.30281 | 0.09963 | -0.00037 |
| Standard Error |  | 0.006986598 | 0.200 | 0.61094 | 0.19759 | -0.00241 |
| R-Squared      |  | 0.9999      | 0.400 | 1.25133 | 0.40120 | 0.00120  |



Source: Alcohol Countermeasure Systems, Inc.

|                  |             |
|------------------|-------------|
| Lot              | 202402E     |
| Level            | 0.05 g/210L |
| Manufacture Date | 2/27/2024   |
| Expiration Date  | 2/27/2026   |

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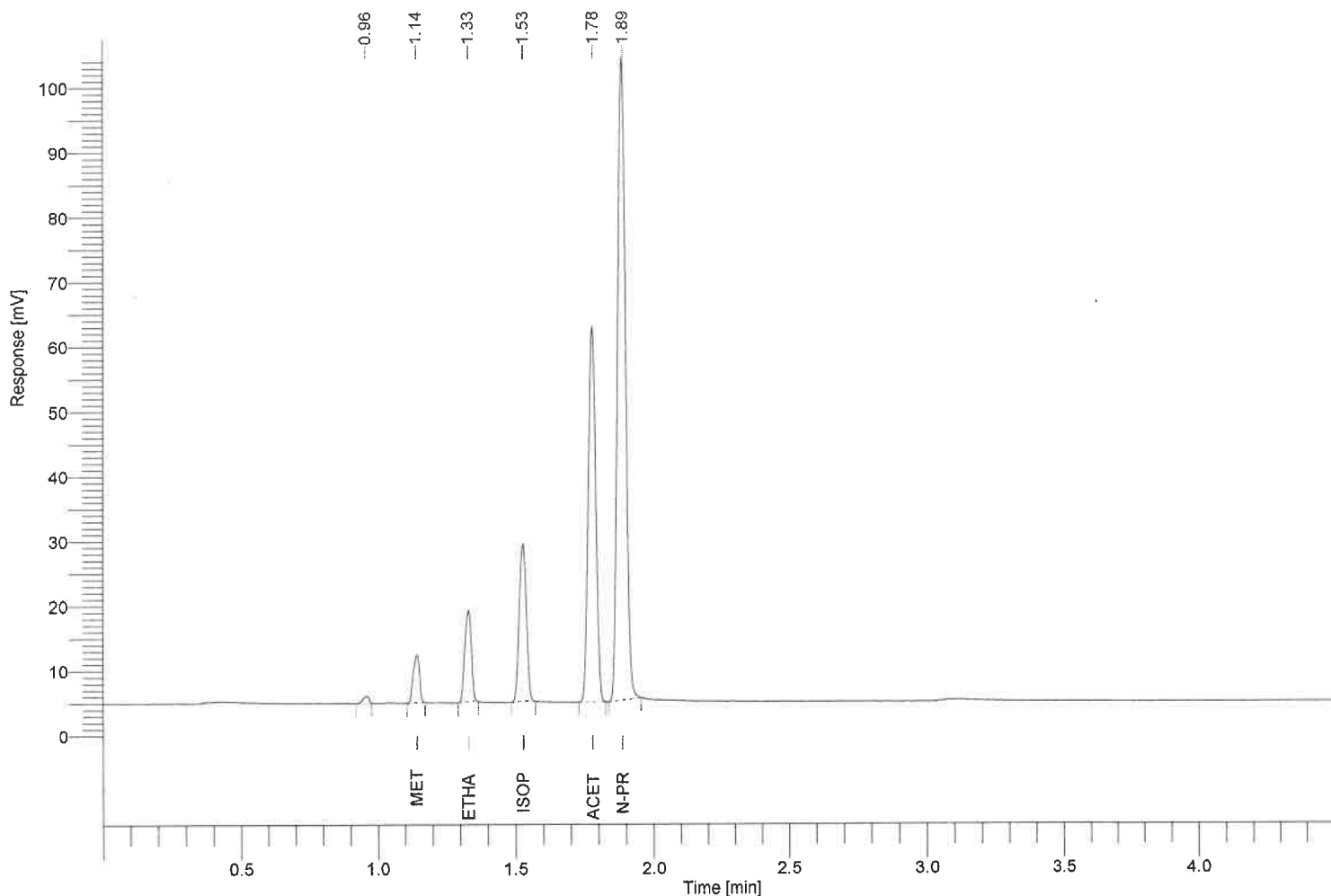
| Bottle | Result (g/100mL) |
|--------|------------------|
| 21     | 0.0610           |
|        | 0.0612           |
| 24     | 0.0608           |
|        | 0.0611           |
| 28     | 0.0611           |
|        | 0.0605           |
| 30     | 0.0610           |
|        | 0.0609           |
| 1109   | 0.0607           |
|        | 0.0609           |
| 1111   | 0.0604           |
|        | 0.0610           |
| 1125   | 0.0609           |
|        | 0.0609           |
| 2153   | 0.0617           |
|        | 0.0610           |
| 2160   | 0.0605           |
|        | 0.0609           |
| 2164   | 0.0609           |
|        | 0.0607           |

|           |        |
|-----------|--------|
| Mean      | 0.0609 |
| Std. Dev. | 0.0003 |
| Min       | 0.0604 |
| Max       | 0.0617 |

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7986  
Sample Name : Vol Mix  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 1

Date : 4/3/2024 9:58:11 AM  
Data Acquisition Time : 4/3/2024 9:53:30 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data001.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



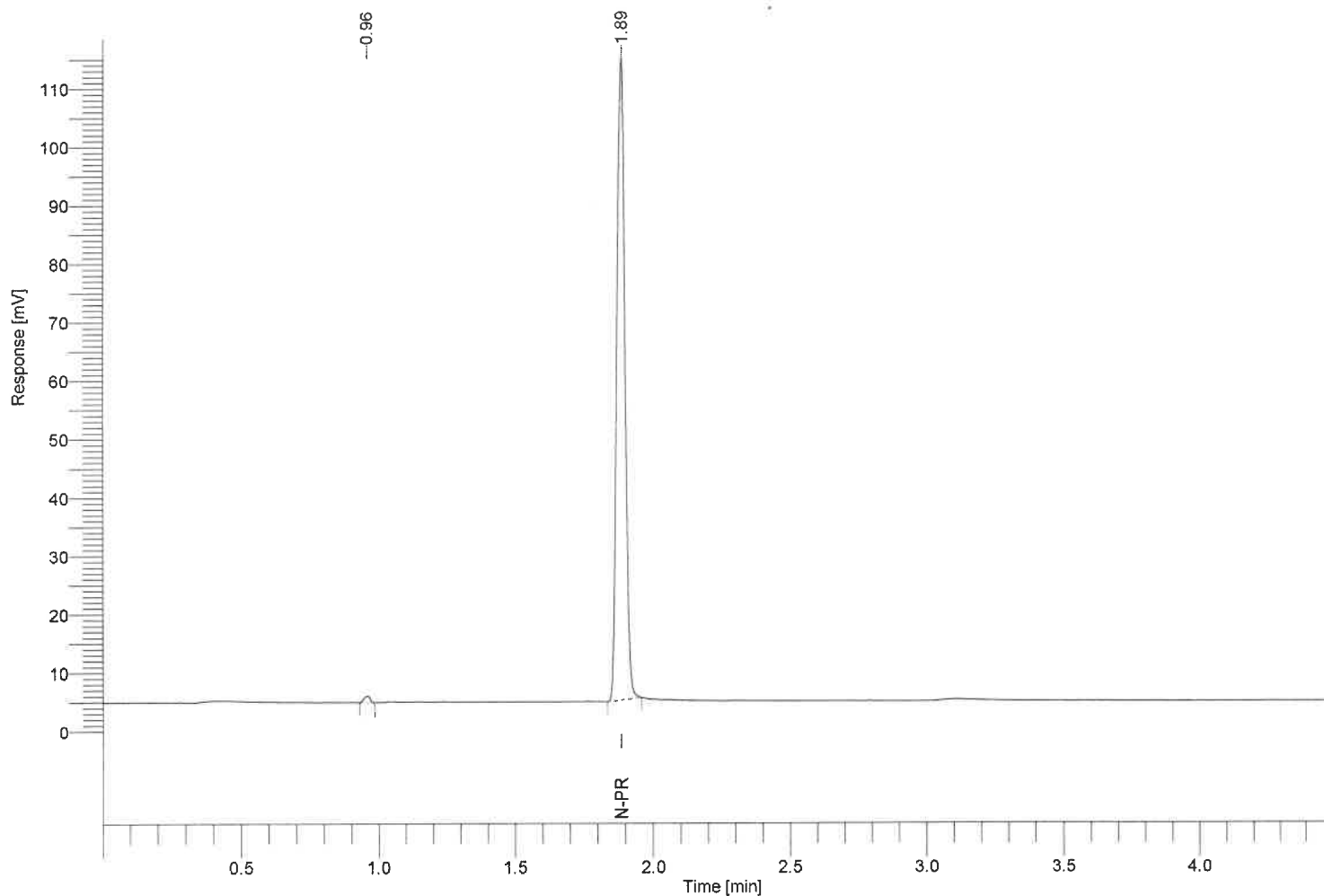
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.143      | 0.606 | 12020.63      | 0.0412        |
| ethanol        | 1.330      | 0.705 | 23480.20      | 0.0684        |
| isopropanol    | 1.527      | 0.810 | 44193.67      | 0.0408        |
| acetone        | 1.779      | 0.943 | 110322.87     | 0.0414        |
| n-propanol     | 1.886      | 1.000 | 198449.60     | -----         |

BK  
4/5/23  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7987  
Sample Name : Blank 1  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 2

Date : 4/3/2024 10:03:13 AM  
Data Acquisition Time : 4/3/2024 9:58:33 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data002.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



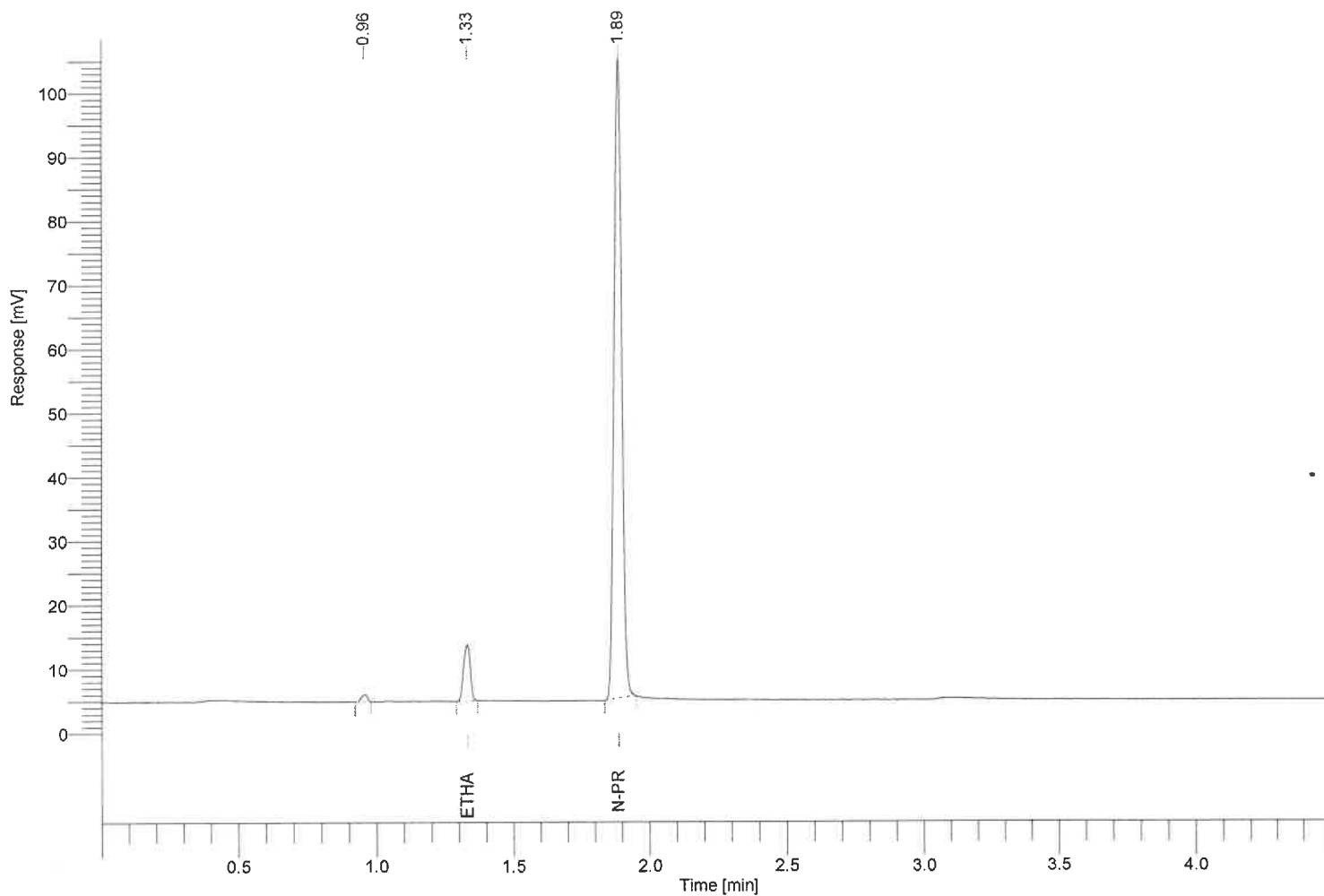
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.361      | ----- | 0.00          | 0.0000        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 220043.11     | -----         |

13K  
4/5/23  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7988  
Sample Name : Cer 25  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 3

Date : 4/3/2024 10:08:16 AM  
Data Acquisition Time : 4/3/2024 10:03:35 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data003.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



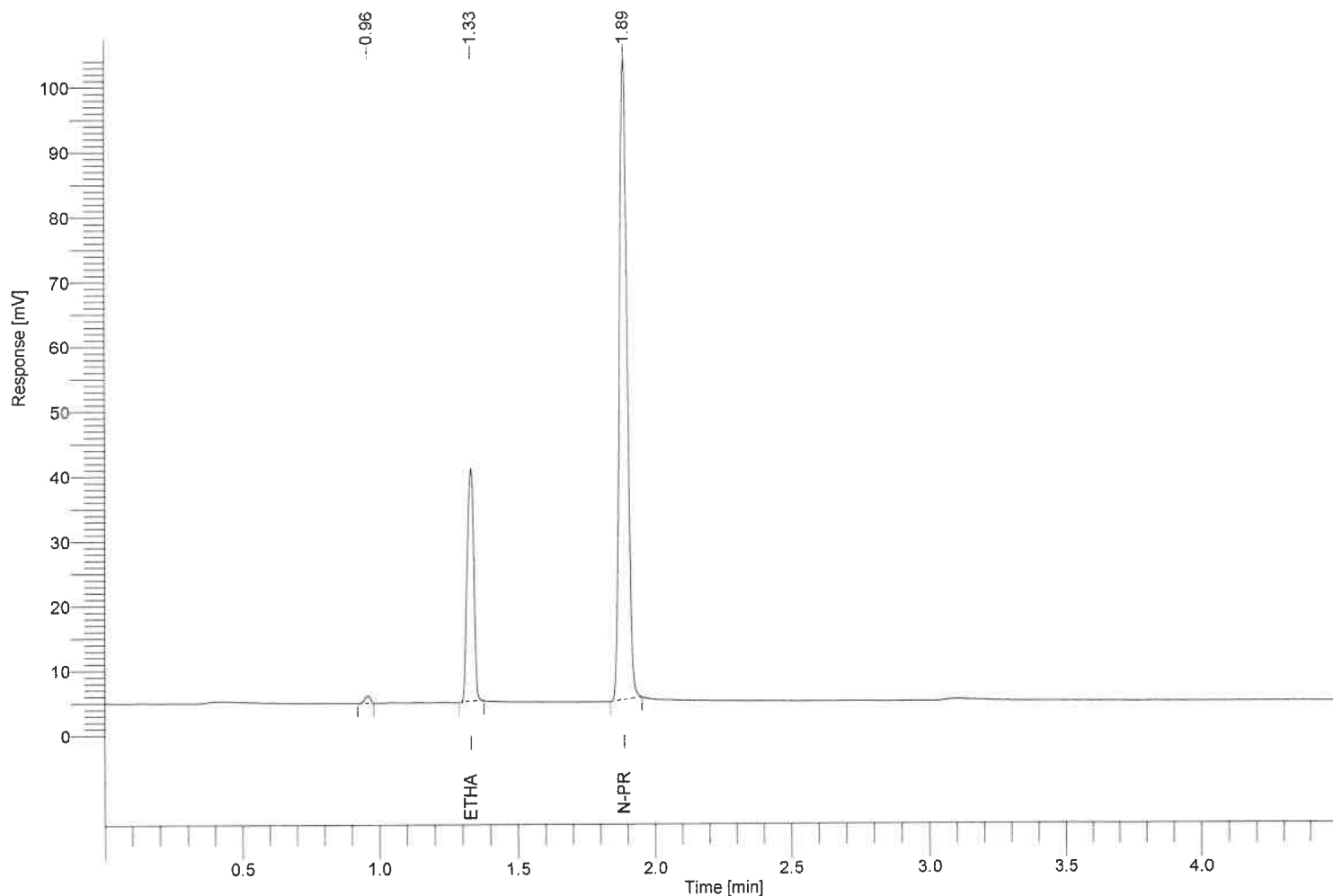
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 14580.70      | 0.0338        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 199558.00     | -----         |

BK  
4/5/23  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7989  
Sample Name : Cer 100  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 4

Date : 4/3/2024 10:13:19 AM  
Data Acquisition Time : 4/3/2024 10:08:38 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data004.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.331      | 0.705 | 59914.64      | 0.1458        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 197862.90     | -----         |

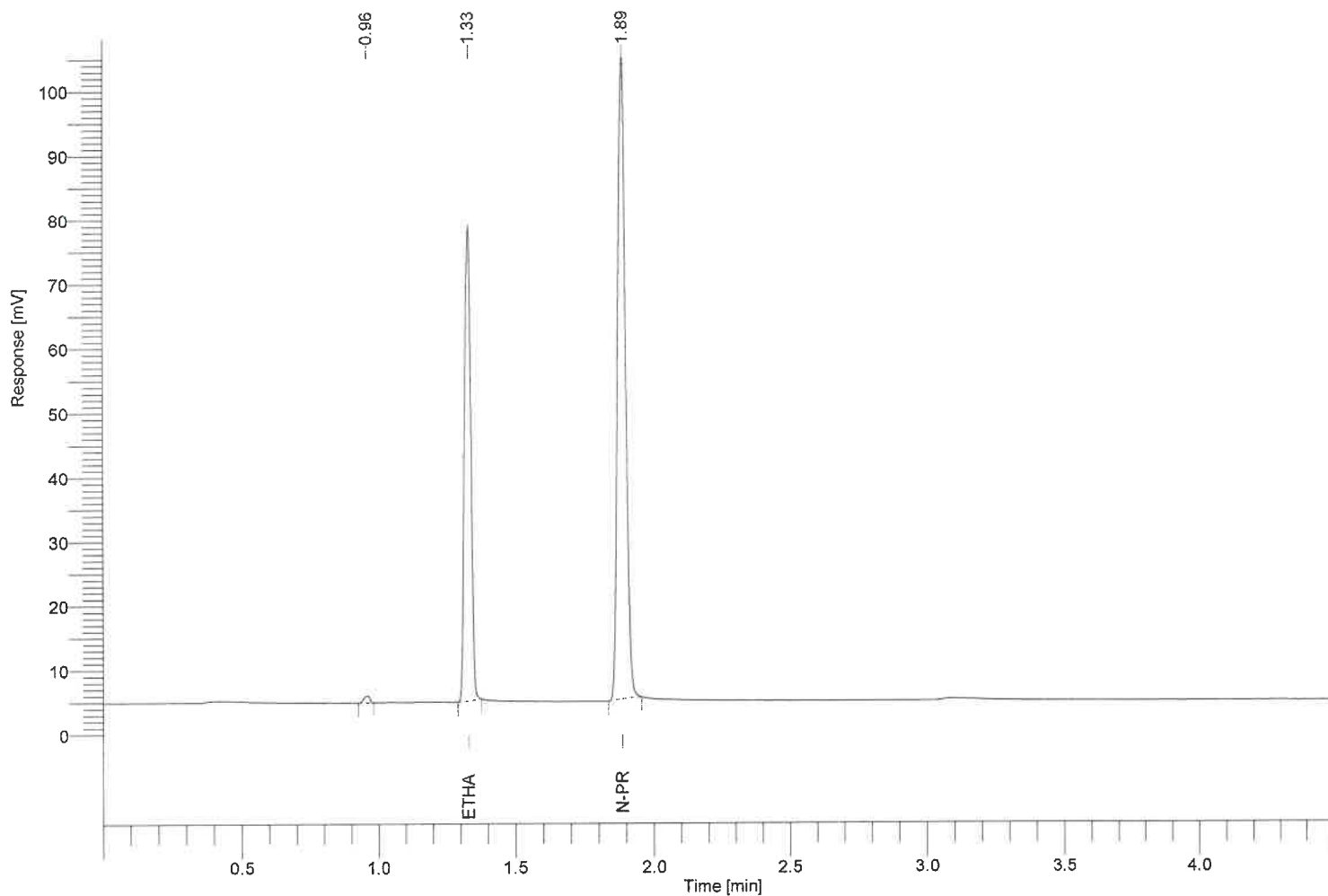
BK  
4/5/24



Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7990  
Sample Name : Cer 200  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 5

Date : 4/3/2024 10:18:22 AM  
Data Acquisition Time : 4/3/2024 10:13:41 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data005.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



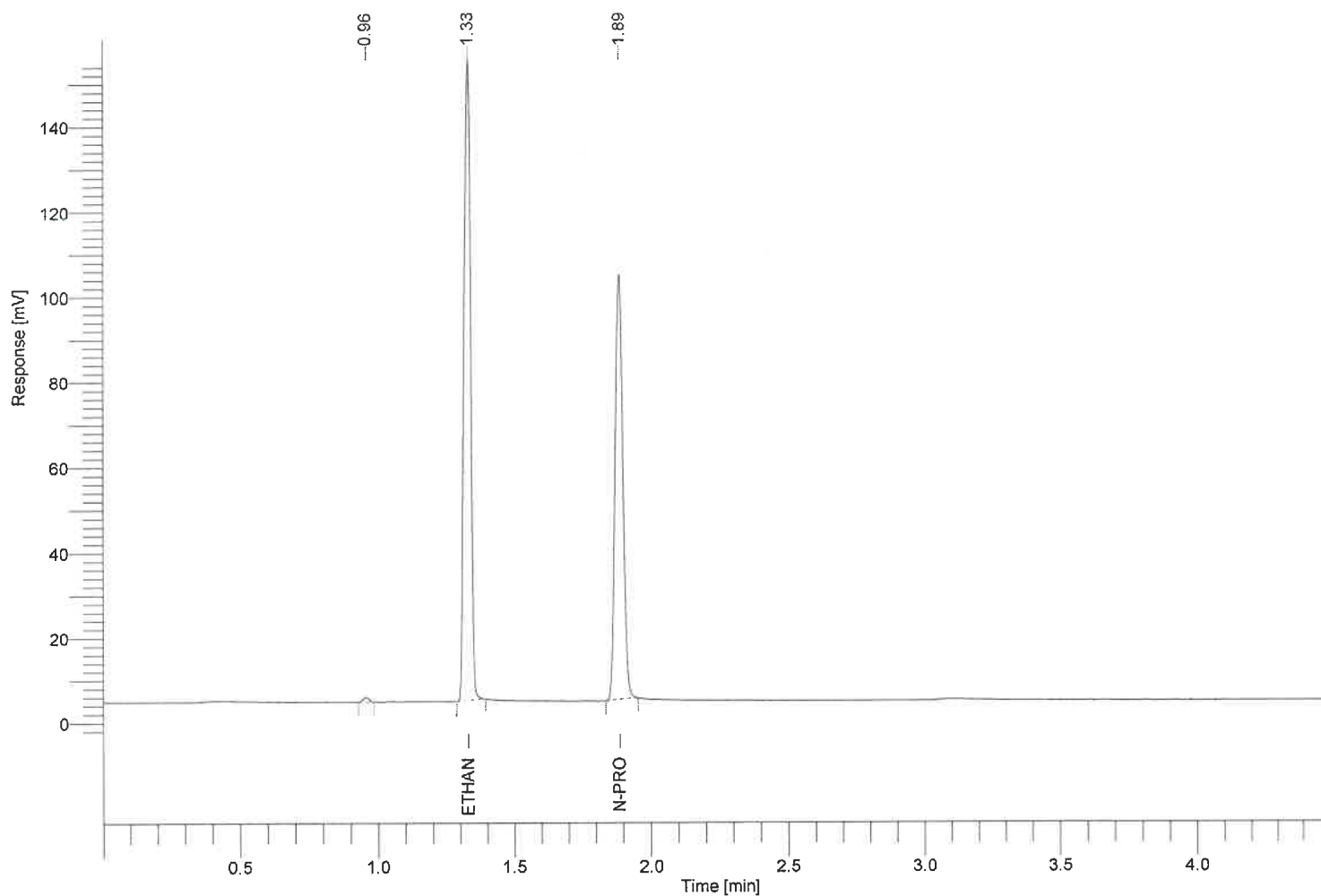
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 122236.18     | 0.2942        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 200078.95     | -----         |

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4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7991  
Sample Name : Cer 400  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 6

Date : 4/3/2024 10:23:25 AM  
Data Acquisition Time : 4/3/2024 10:18:44 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data006.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



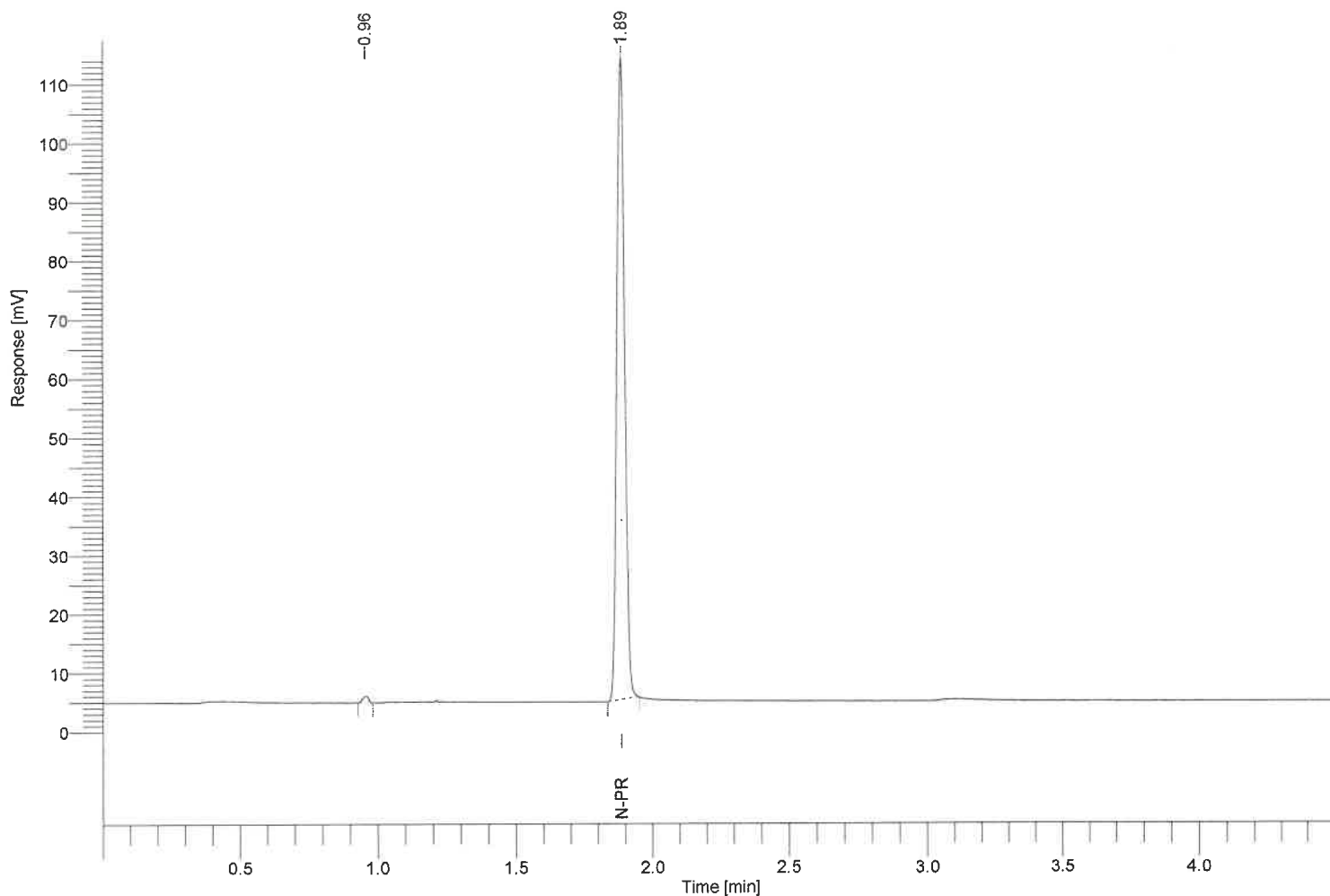
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 251492.25     | 0.4012        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 200980.34     | -----         |

BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7992  
Sample Name : Blank 2  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 7

Date : 4/3/2024 10:28:27 AM  
Data Acquisition Time : 4/3/2024 10:23:47 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data007.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



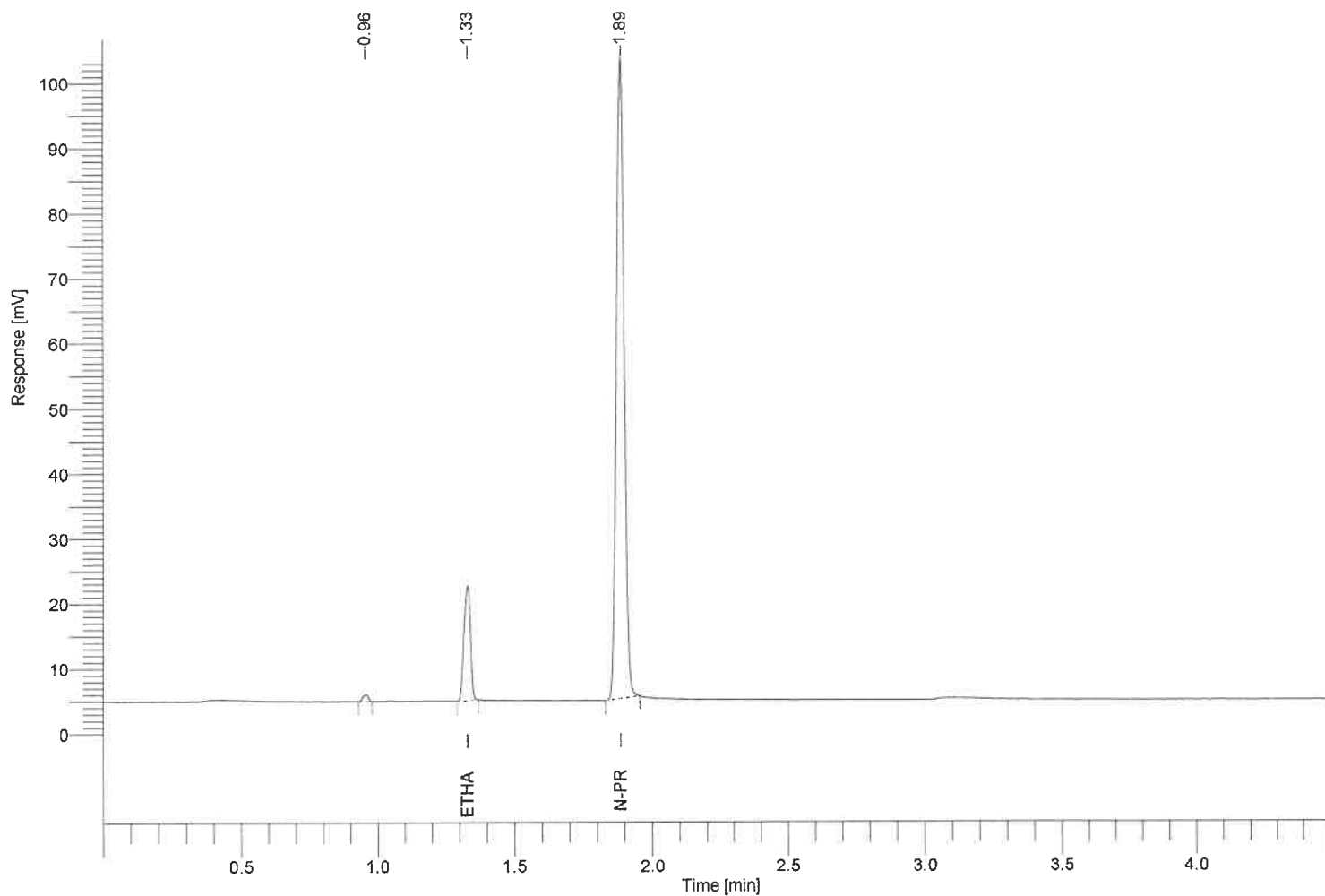
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.361      | ----- | 0.00          | 0.0000        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 217031.63     | -----         |

BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7993  
Sample Name : Lipo 50  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 8

Date : 4/3/2024 10:33:30 AM  
Data Acquisition Time : 4/3/2024 10:28:50 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data008.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



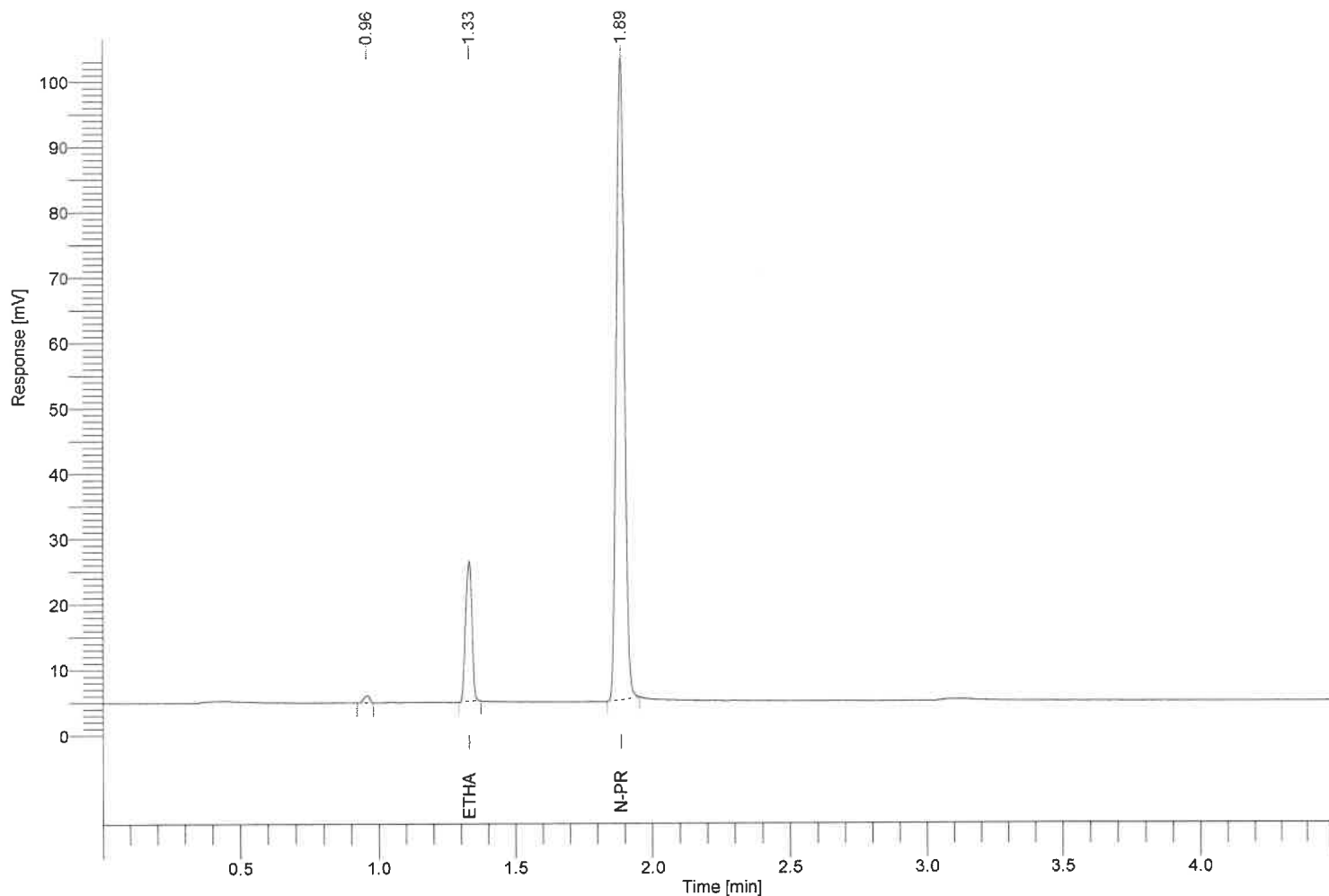
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 29112.61      | 0.0506        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 195916.23     | -----         |

BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7994  
Sample Name : 0021  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 9

Date : 4/3/2024 10:38:34 AM  
Data Acquisition Time : 4/3/2024 10:33:53 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data009.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



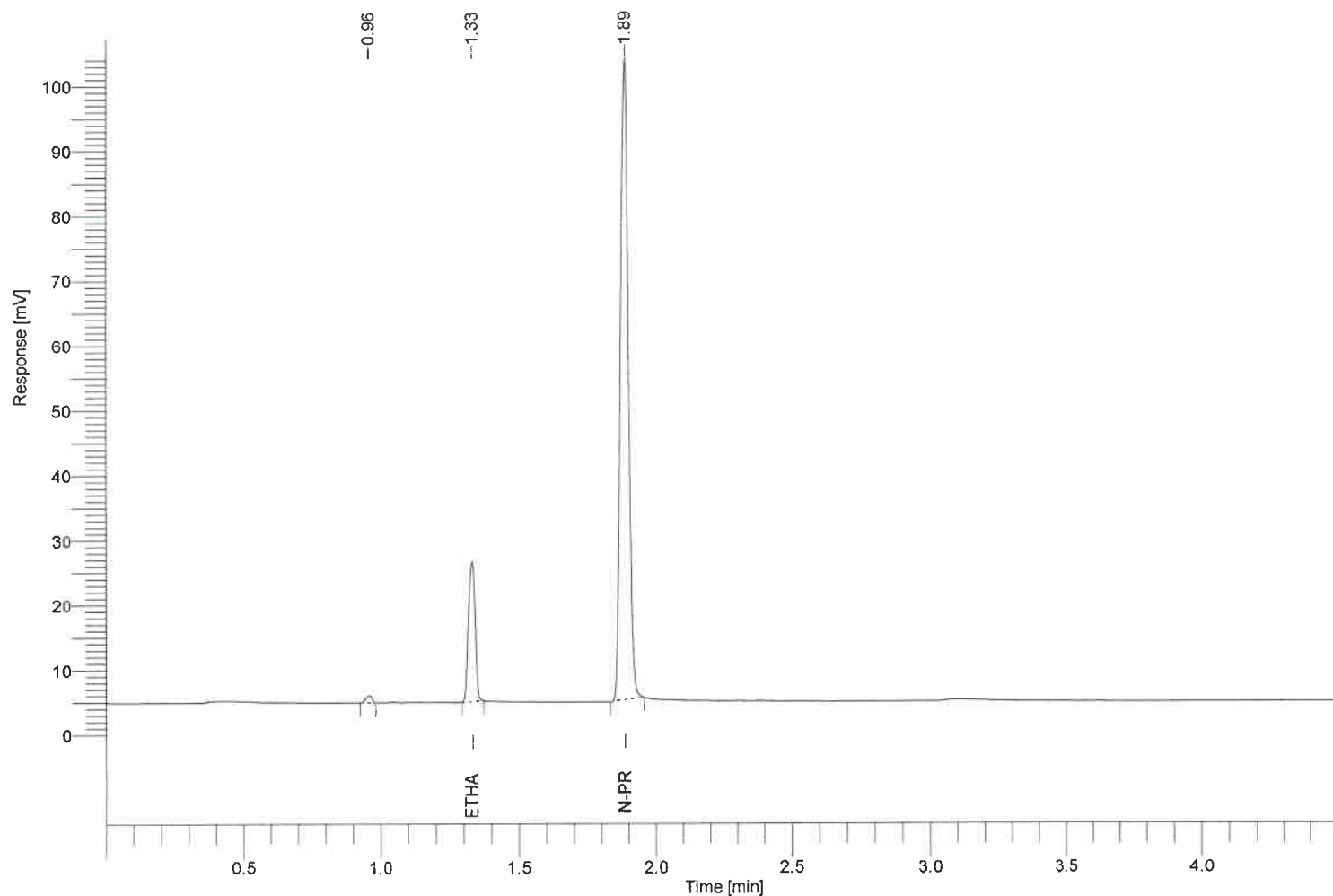
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 35724.86      | 0.0610        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 197010.73     | -----         |

13K  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7995  
Sample Name : 0024  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 10

Date : 4/3/2024 10:43:38 AM  
Data Acquisition Time : 4/3/2024 10:38:56 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data010.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



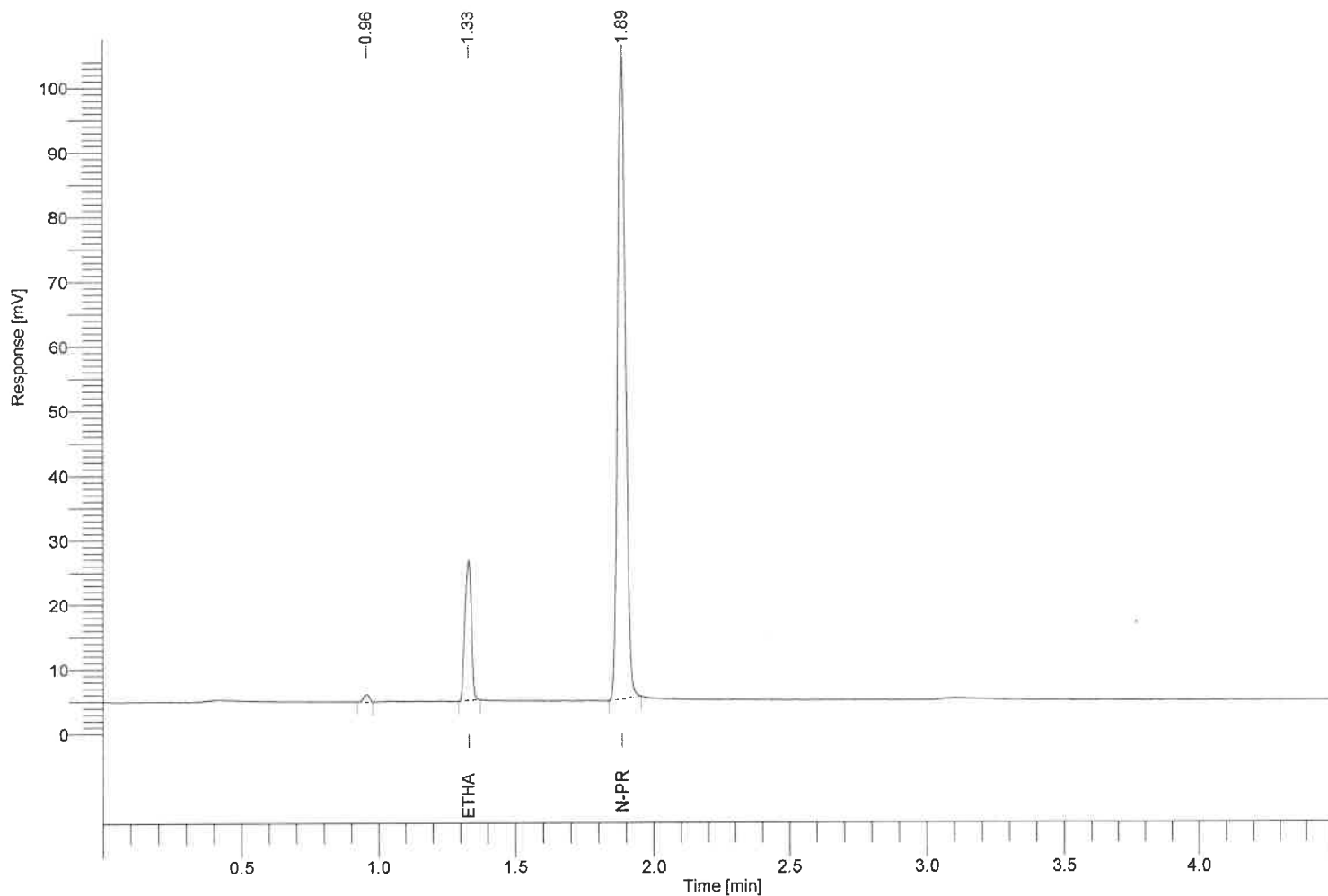
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.331      | 0.705 | 35663.33      | 0.0608        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 197337.88     | -----         |

13K  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7996  
Sample Name : 0028  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 11

Date : 4/3/2024 10:48:40 AM  
Data Acquisition Time : 4/3/2024 10:43:59 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data011.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



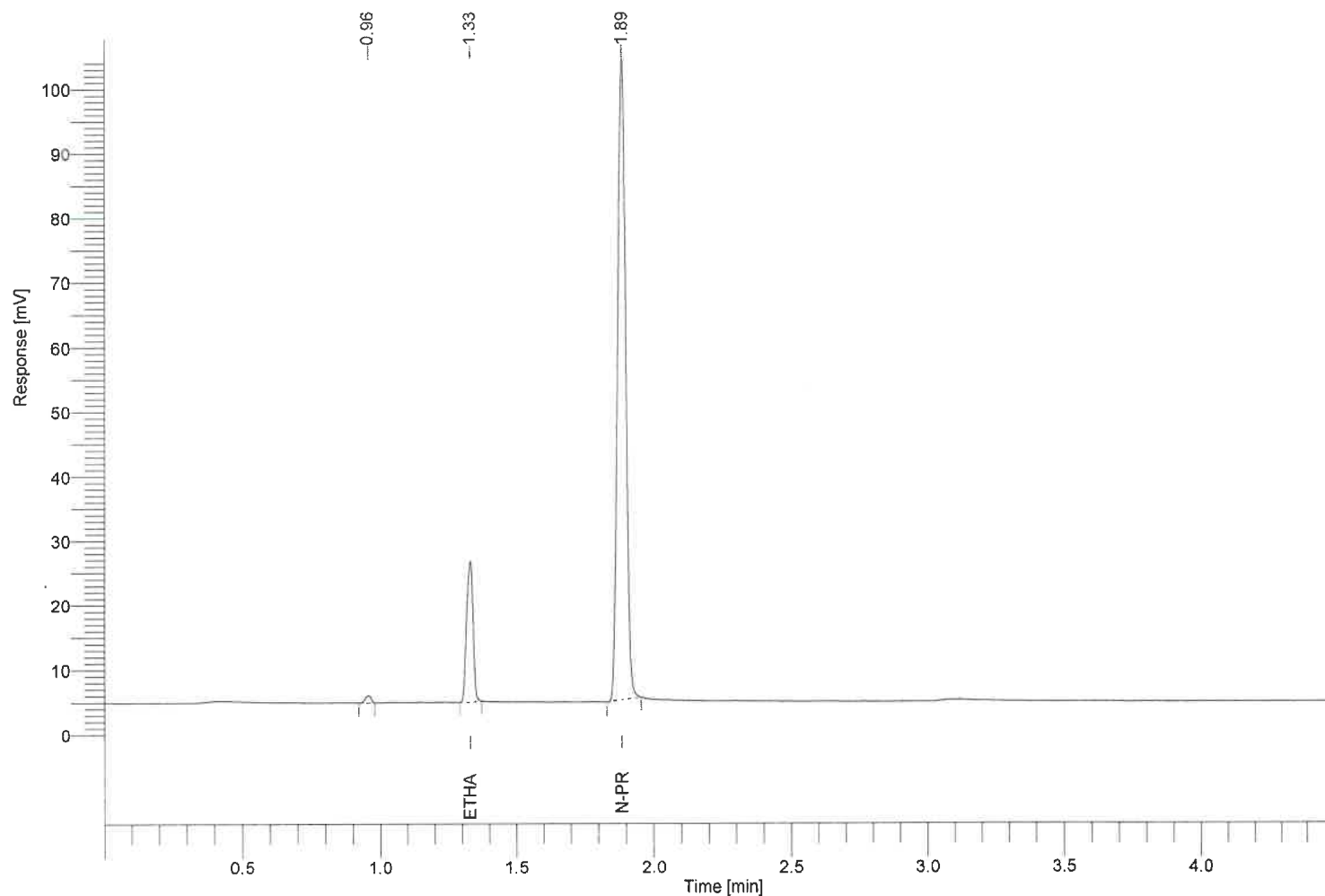
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36092.04      | 0.0611        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 198554.28     | -----         |

BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7997  
Sample Name : 0030  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 12

Date : 4/3/2024 10:53:43 AM  
Data Acquisition Time : 4/3/2024 10:49:02 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data012.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36129.14      | 0.0610        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 199429.97     | -----         |

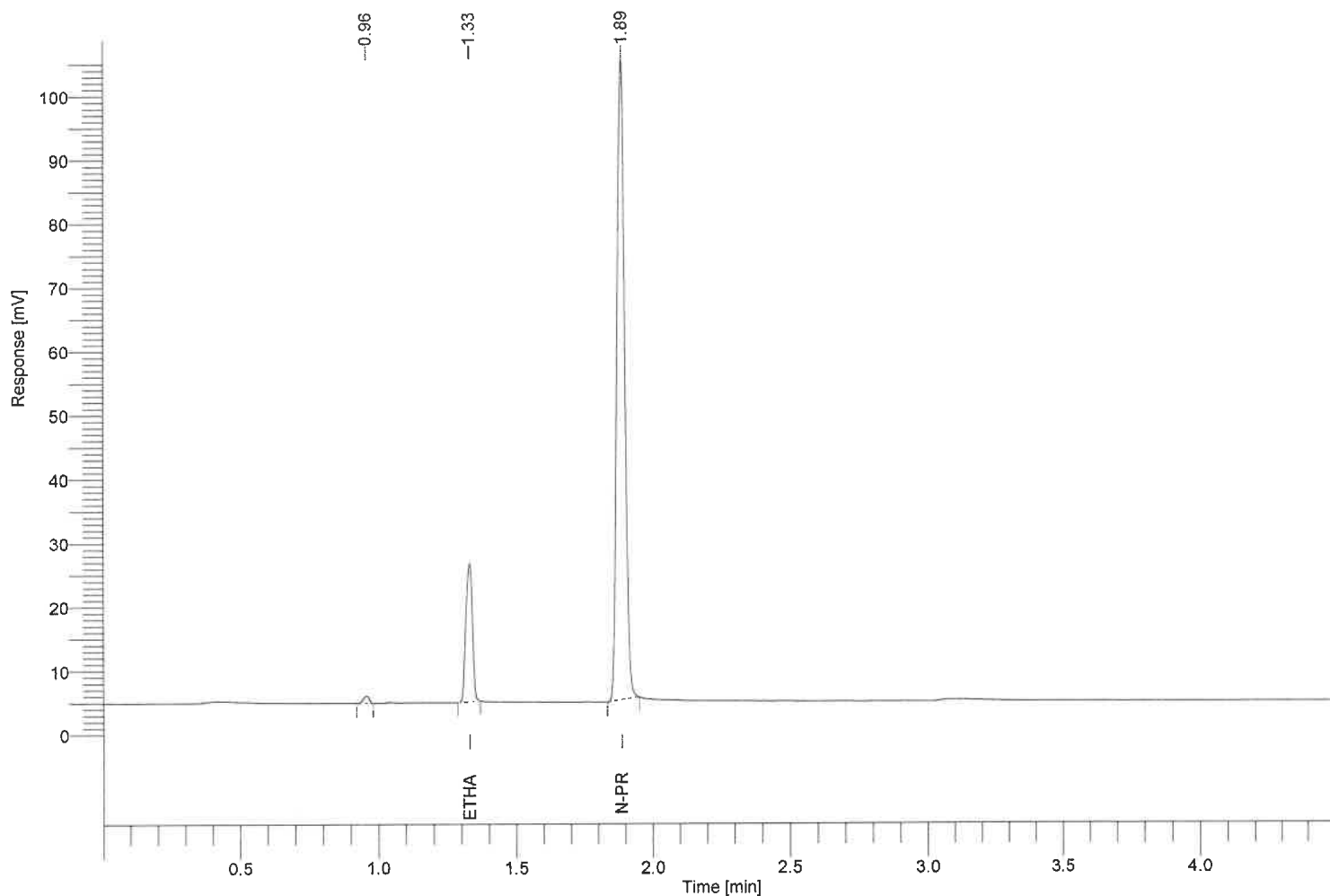
BK  
4/5/24



Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7998  
Sample Name : 1109  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 13

Date : 4/3/2024 10:58:46 AM  
Data Acquisition Time : 4/3/2024 10:54:04 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data013.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



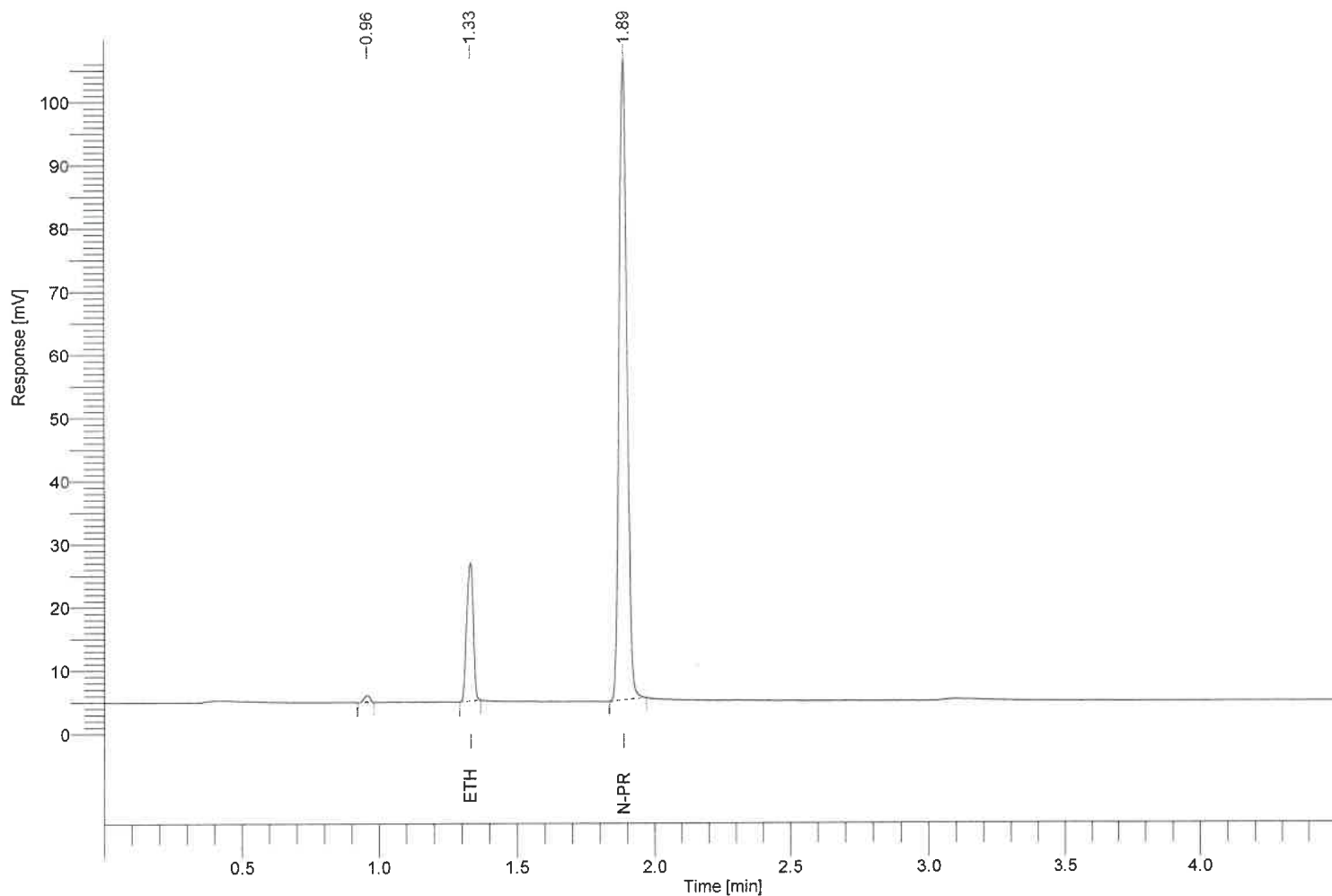
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36155.34      | 0.0607        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 200353.22     | -----         |

BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 7999  
Sample Name : 1111  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 14

Date : 4/3/2024 11:03:49 AM  
Data Acquisition Time : 4/3/2024 10:59:08 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data014.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



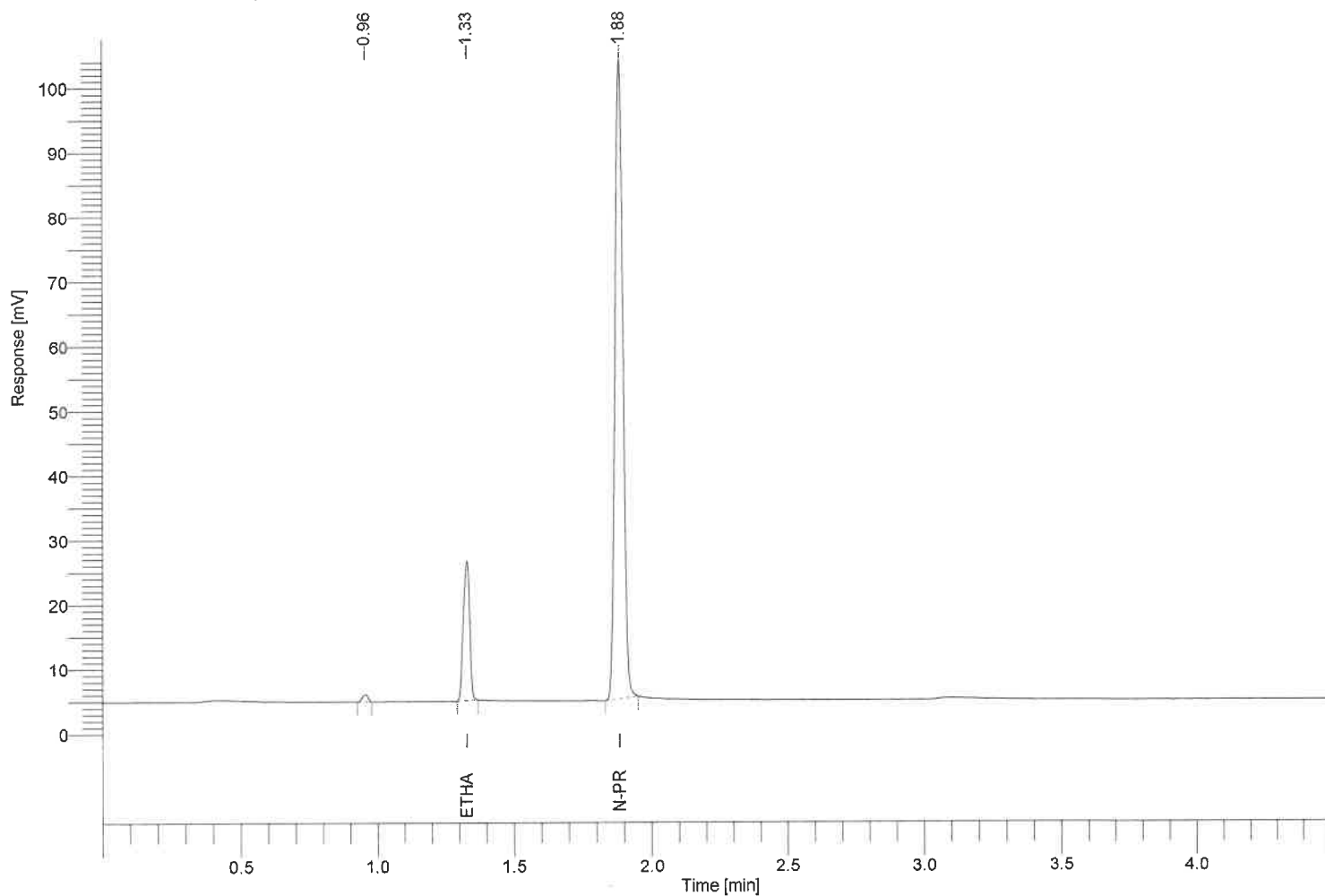
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.331      | 0.705 | 36557.47      | 0.0604        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 203883.56     | -----         |

BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8000  
Sample Name : 1125  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 15

Date : 4/3/2024 11:08:52 AM  
Data Acquisition Time : 4/3/2024 11:04:10 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data015.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



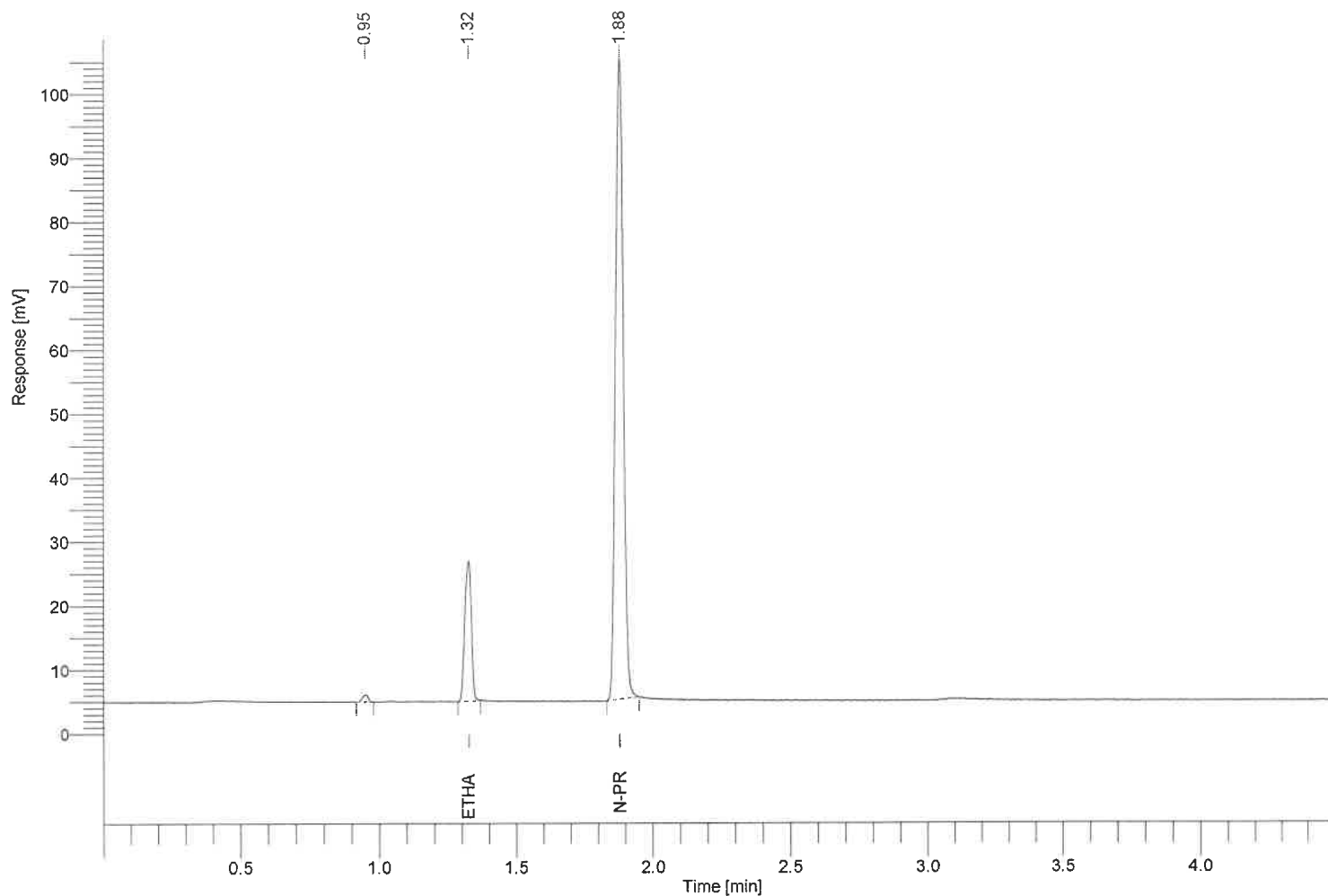
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.328      | 0.705 | 35597.02      | 0.0609        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.885      | 1.000 | 196582.71     | -----         |

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4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8001  
Sample Name : 2153  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 16

Date : 4/3/2024 11:13:55 AM  
Data Acquisition Time : 4/3/2024 11:09:13 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data016.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



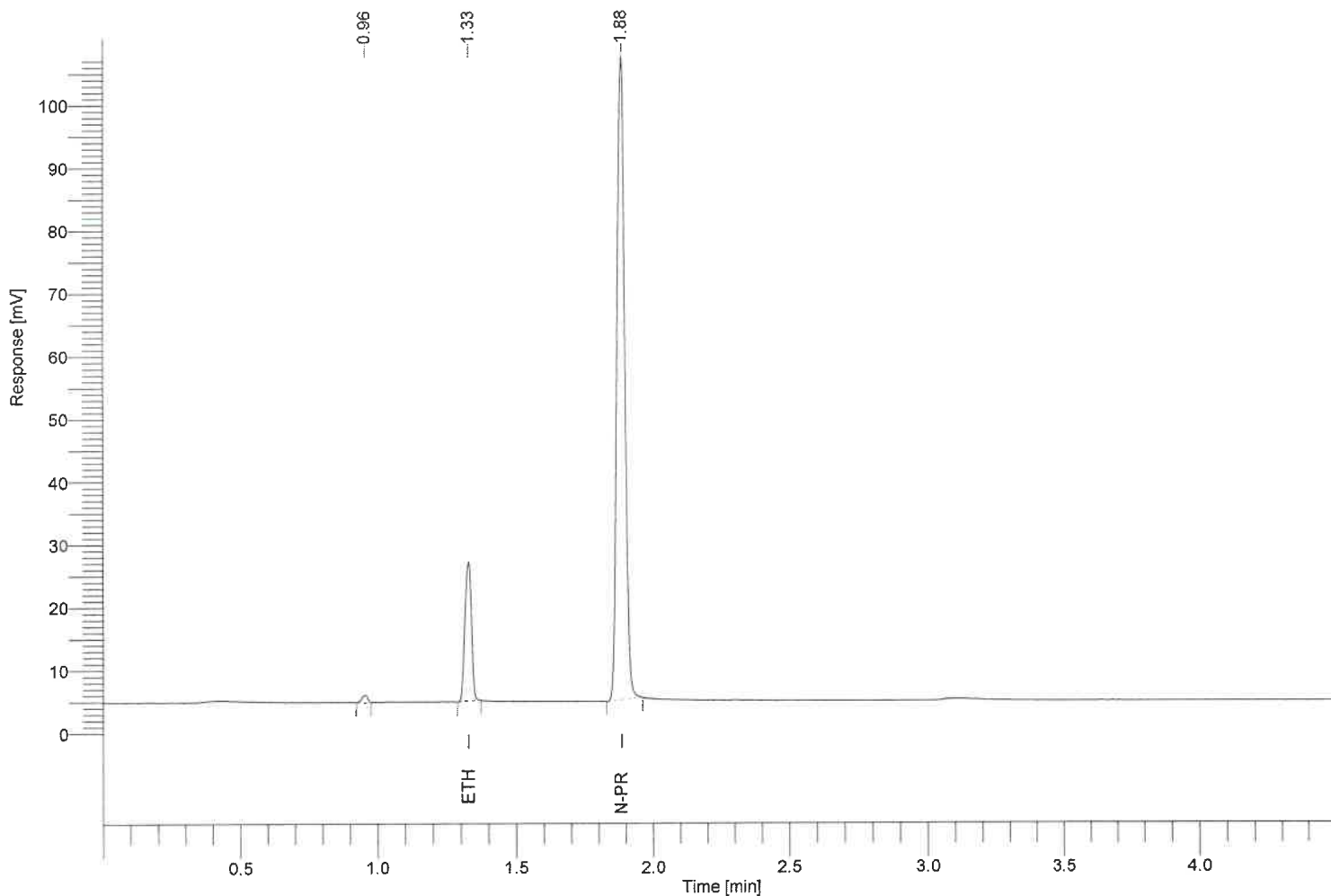
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.324      | 0.704 | 36561.22      | 0.0617        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.881      | 1.000 | 199138.08     | -----         |

13K  
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Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8002  
Sample Name : 2160  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 17

Date : 4/3/2024 11:18:58 AM  
Data Acquisition Time : 4/3/2024 11:14:16 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data017.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



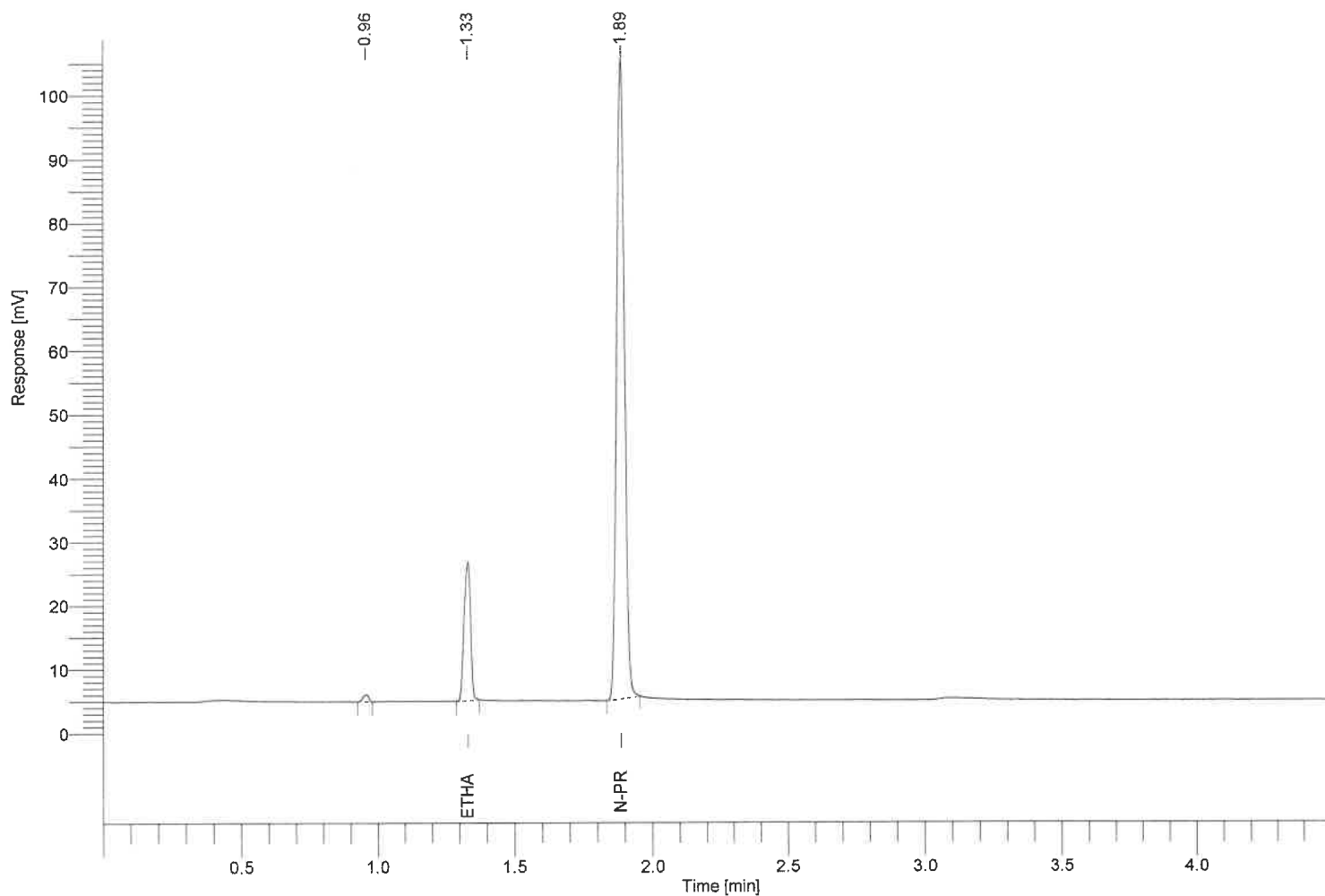
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.328      | 0.705 | 36840.09      | 0.0605        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.884      | 1.000 | 204894.58     | -----         |

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4/5/24

Software Version : 6.3.2.0646  
 Reprocess Number : gc-pc: 8003  
 Sample Name : 2164  
 Instrument Name : ClarusGC  
 Rack/Vial : 0/0  
 Sample Amount : 1.000000  
 Cycle : 18

Date : 4/3/2024 11:24:01 AM  
 Data Acquisition Time : 4/3/2024 11:19:19 AM  
 Channel : A  
 Operator : manager  
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data018.rst  
 Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



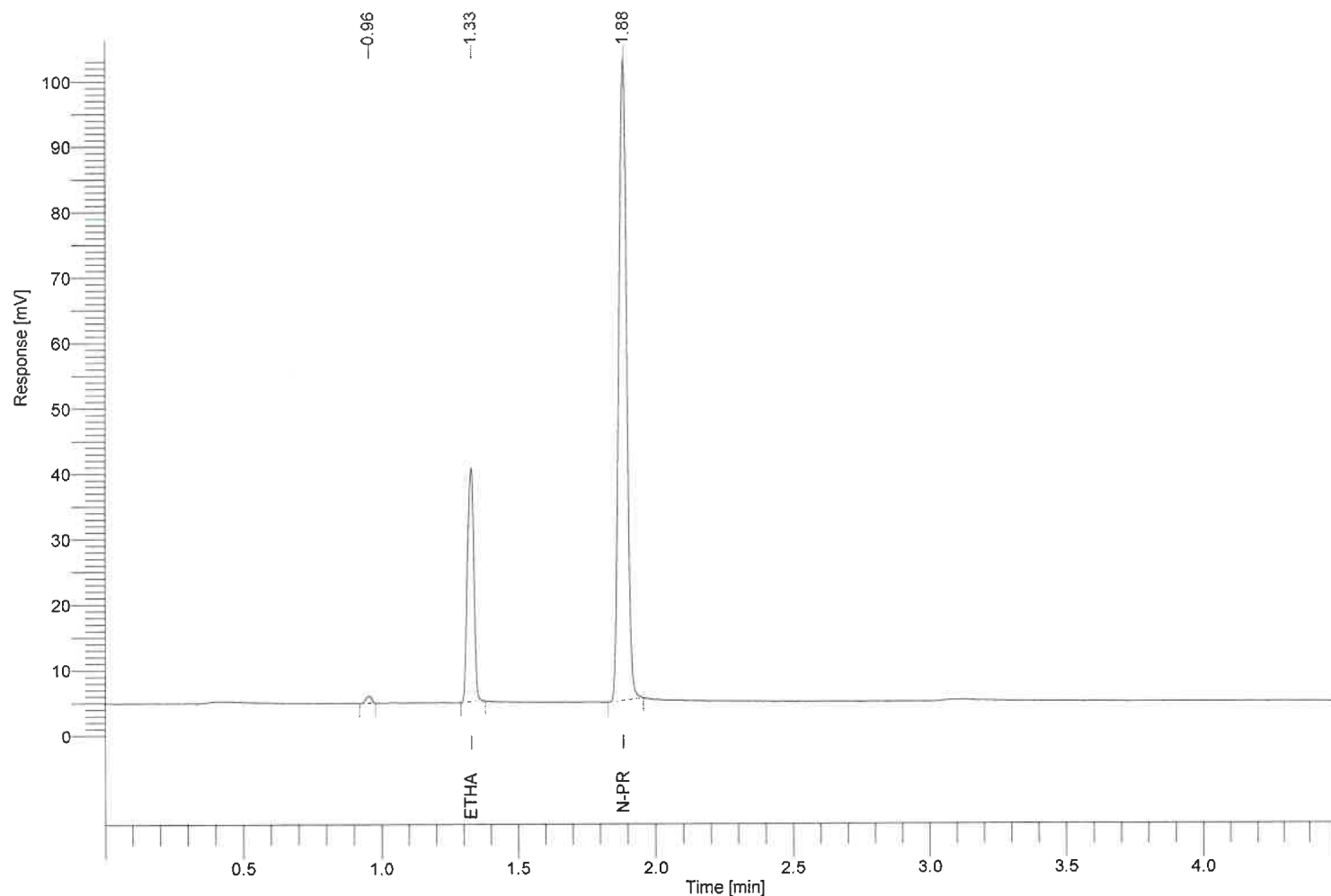
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36302.99      | 0.0609        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 200588.65     | -----         |

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4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8004  
Sample Name : Lipo 100  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 19

Date : 4/3/2024 11:29:04 AM  
Data Acquisition Time : 4/3/2024 11:24:22 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data019.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



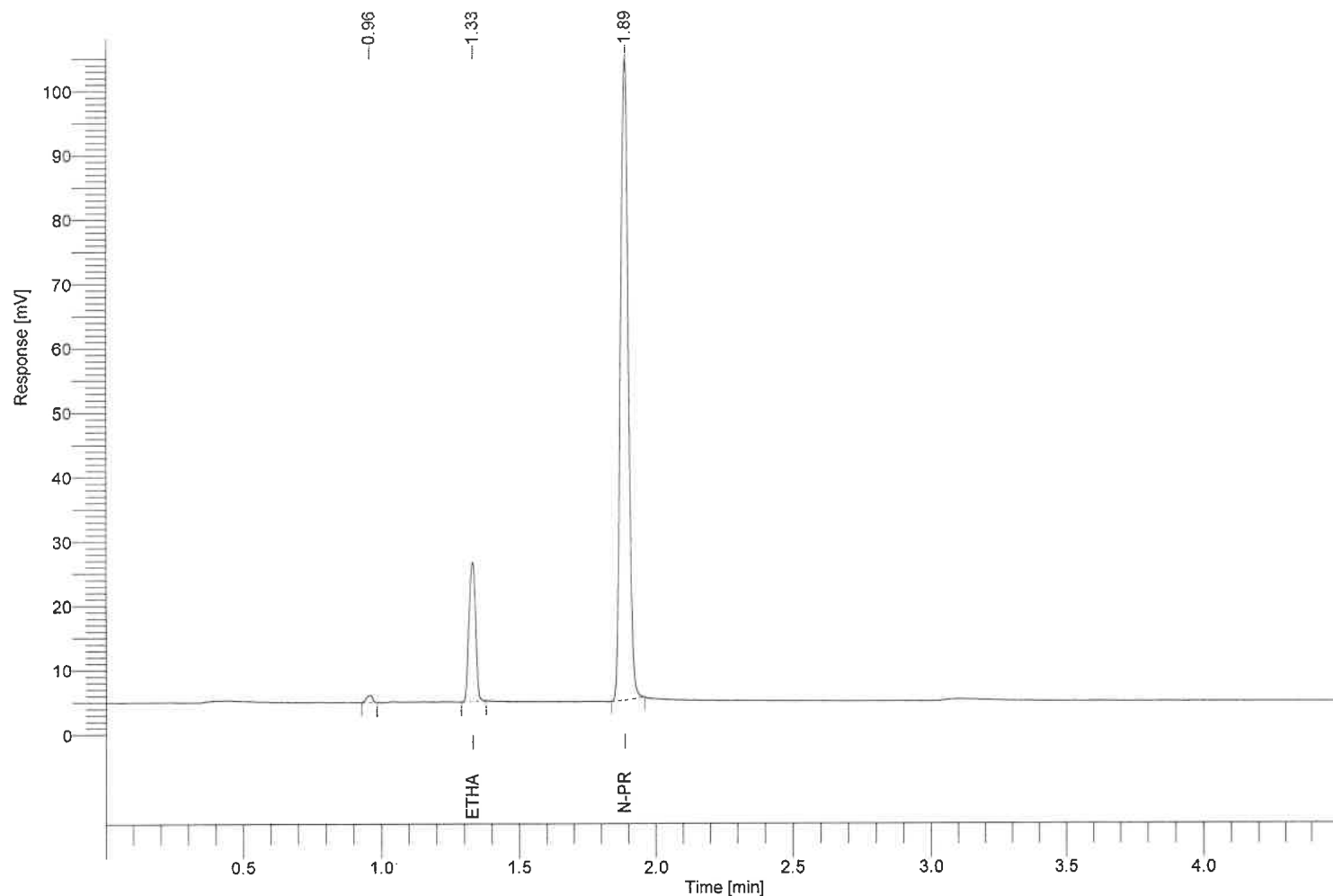
| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.328      | 0.705 | 59192.87      | 0.0997        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.885      | 1.000 | 195321.20     | -----         |

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4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8005  
Sample Name : 0021  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 20

Date : 4/3/2024 11:34:07 AM  
Data Acquisition Time : 4/3/2024 11:29:25 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data020.rst  
Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.331      | 0.705 | 36188.89      | 0.0612        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 199041.95     | -----         |

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4/5/24

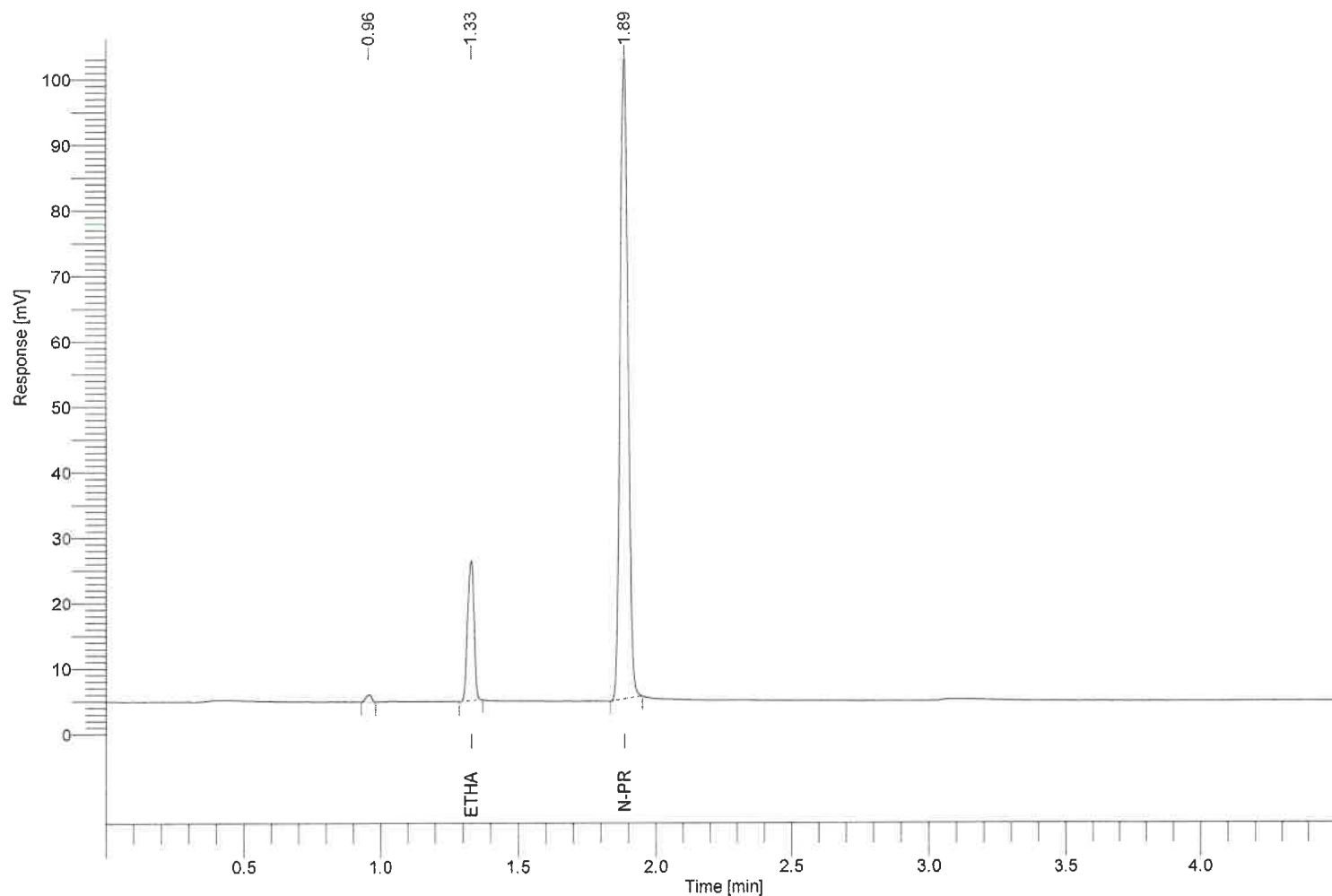


Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8006  
Sample Name : 0024  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 21

Date : 4/3/2024 11:39:10 AM  
Data Acquisition Time : 4/3/2024 11:34:28 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data021.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 35534.30      | 0.0611        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 195614.68     | -----         |

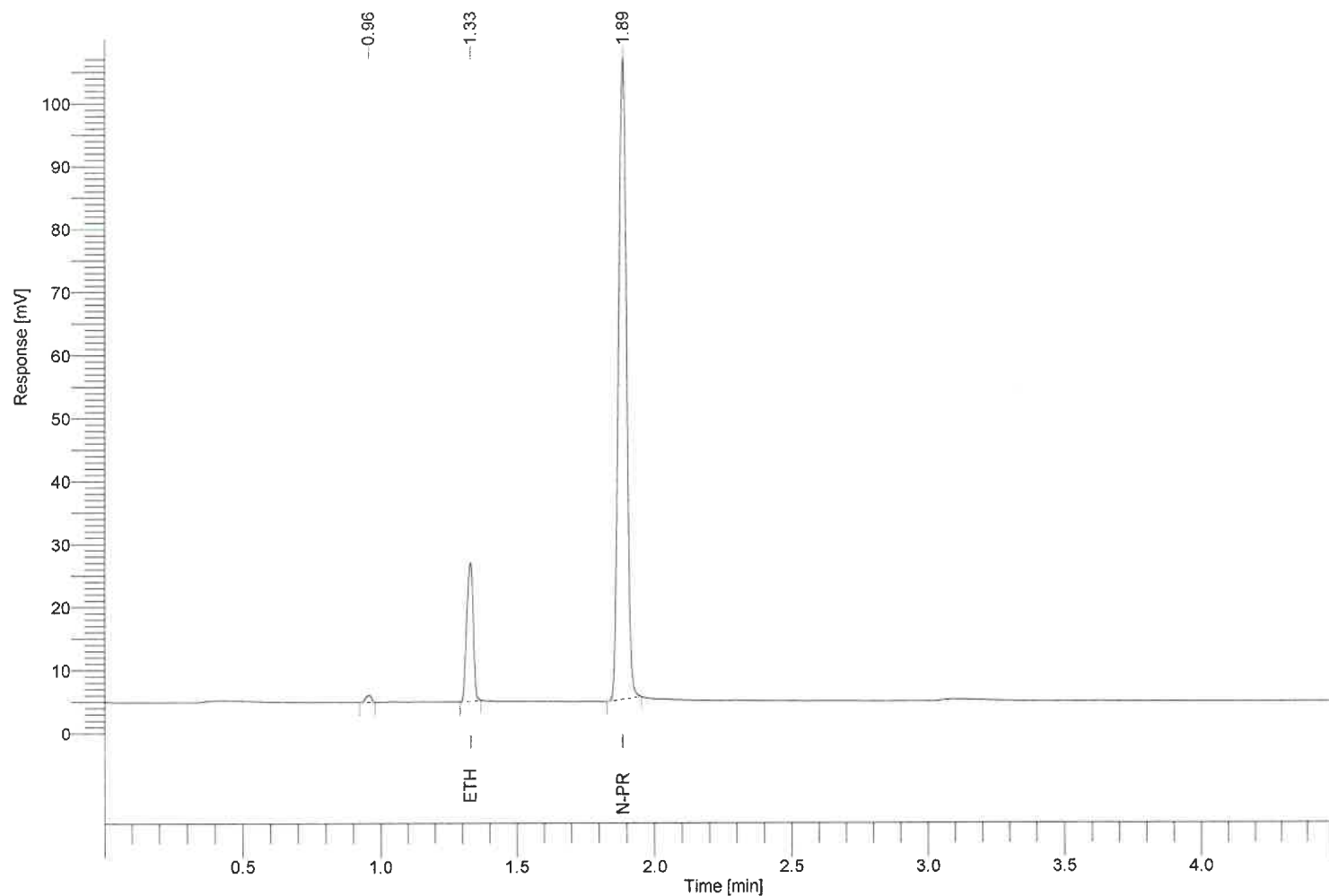
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8007  
Sample Name : 0028  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 22

Date : 4/3/2024 11:44:13 AM  
Data Acquisition Time : 4/3/2024 11:39:31 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data022.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36734.06      | 0.0605        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 204482.50     | -----         |

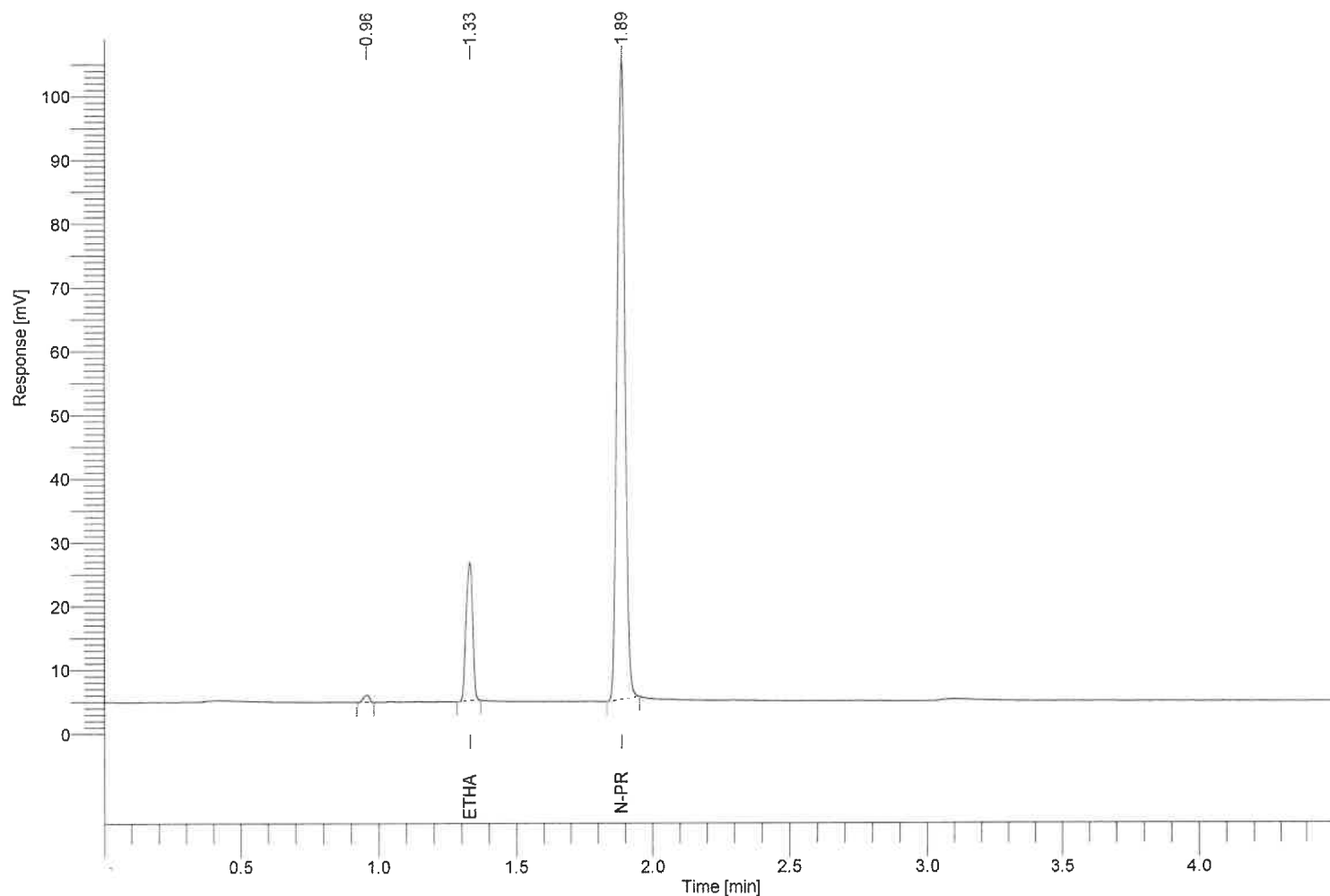
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8008  
Sample Name : 0030  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 23

Date : 4/3/2024 11:49:16 AM  
Data Acquisition Time : 4/3/2024 11:44:33 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data023.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36413.75      | 0.0609        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 201145.10     | -----         |

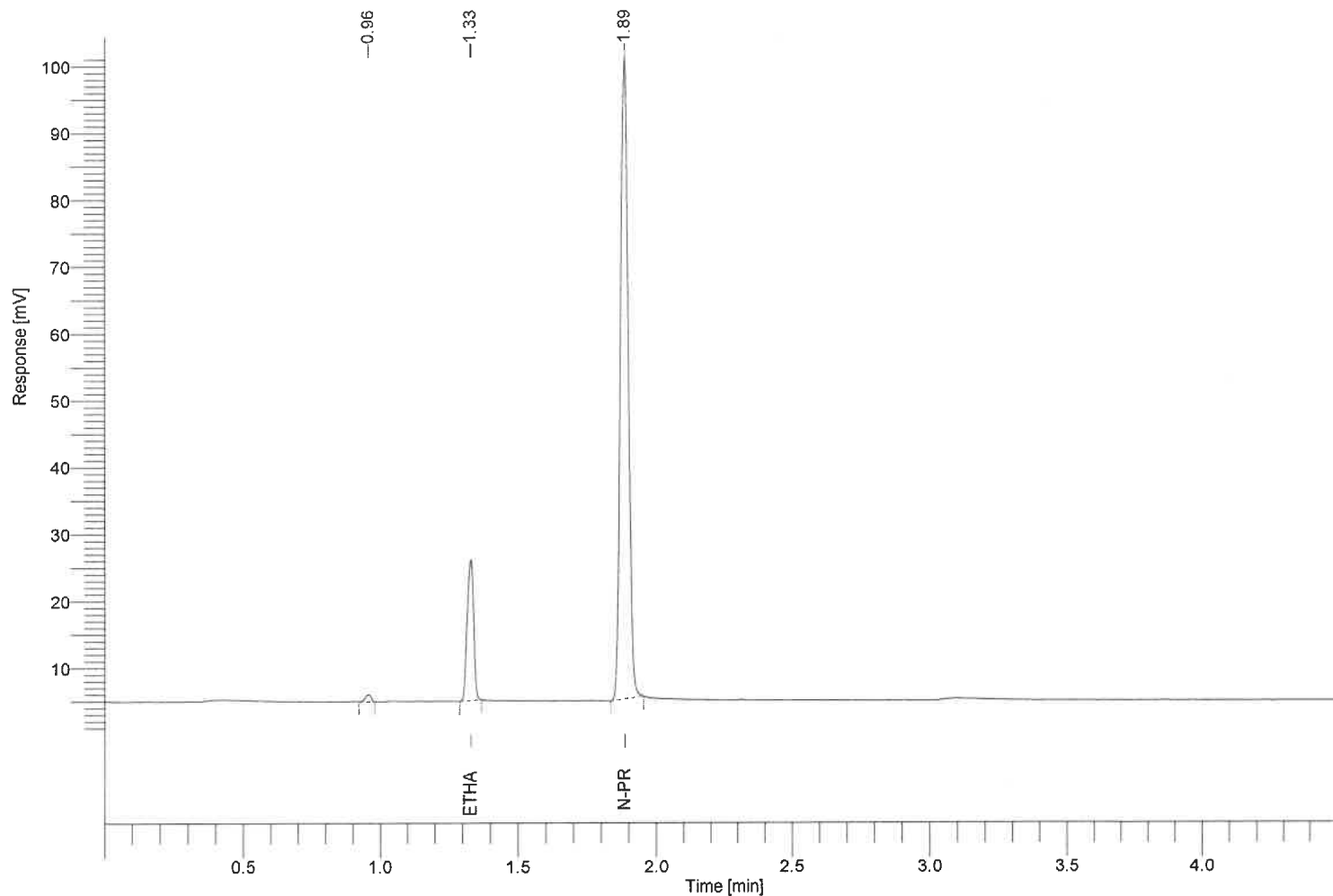
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8009  
Sample Name : 1109  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 24

Date : 4/3/2024 11:54:19 AM  
Data Acquisition Time : 4/3/2024 11:49:36 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data024.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.329      | 0.705 | 34243.99      | 0.0609        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 189130.90     | -----         |

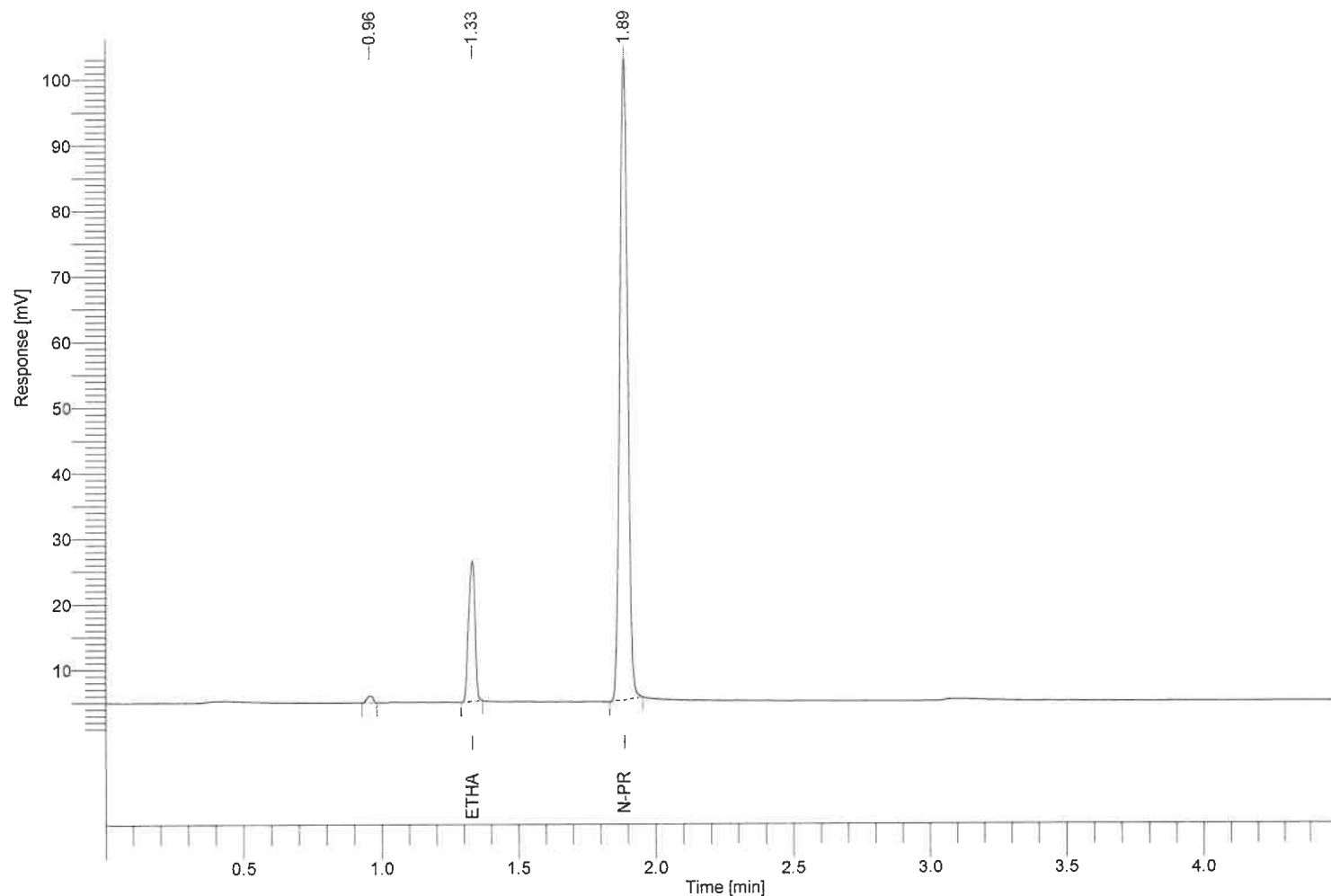
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8010  
Sample Name : 1111  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 25

Date : 4/3/2024 11:59:22 AM  
Data Acquisition Time : 4/3/2024 11:54:39 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data025.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 35331.50      | 0.0610        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 194896.50     | -----         |

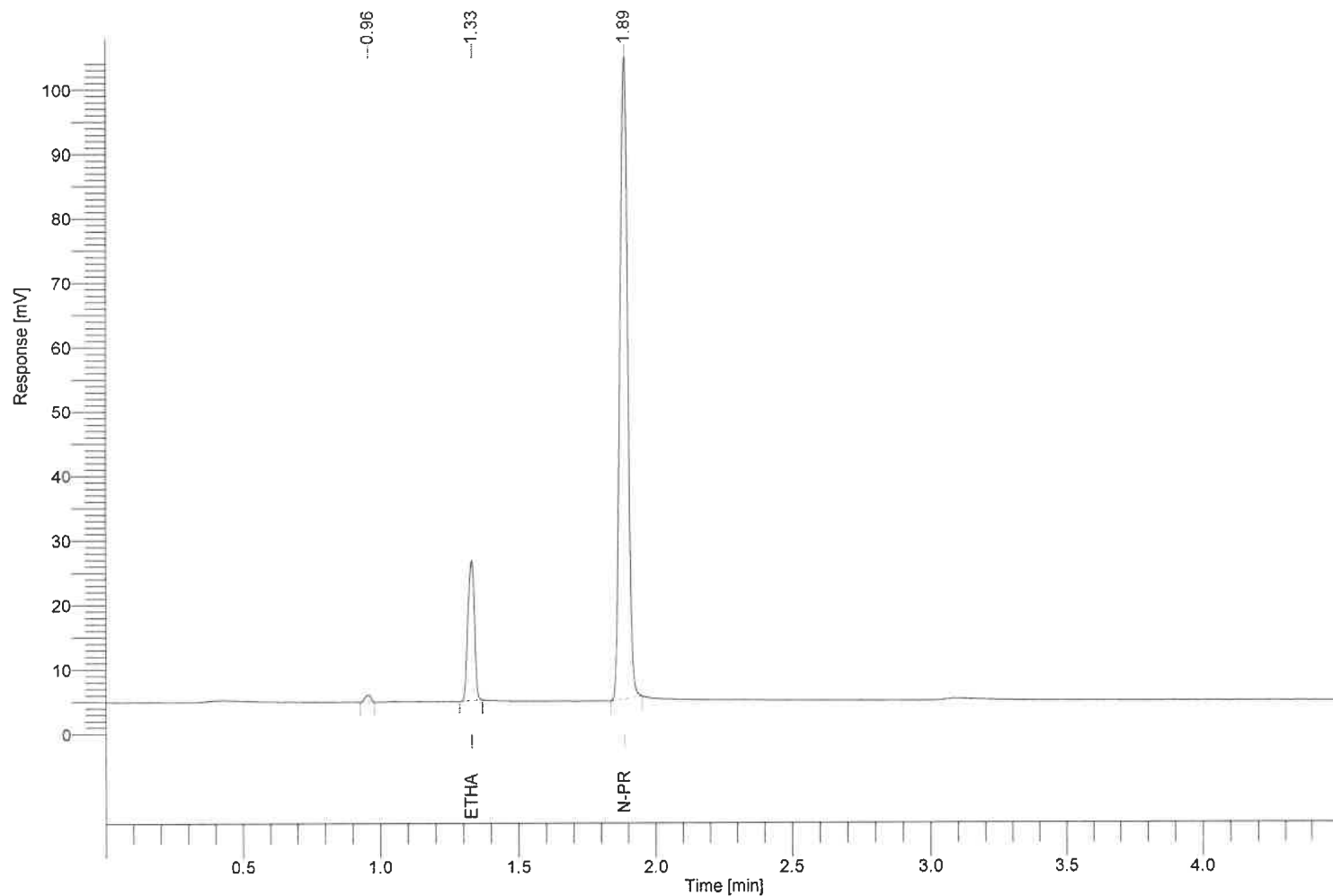
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8011  
Sample Name : 1125  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 26

Date : 4/3/2024 12:04:25 PM  
Data Acquisition Time : 4/3/2024 11:59:42 AM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data026.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 35998.53      | 0.0609        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 199043.56     | -----         |

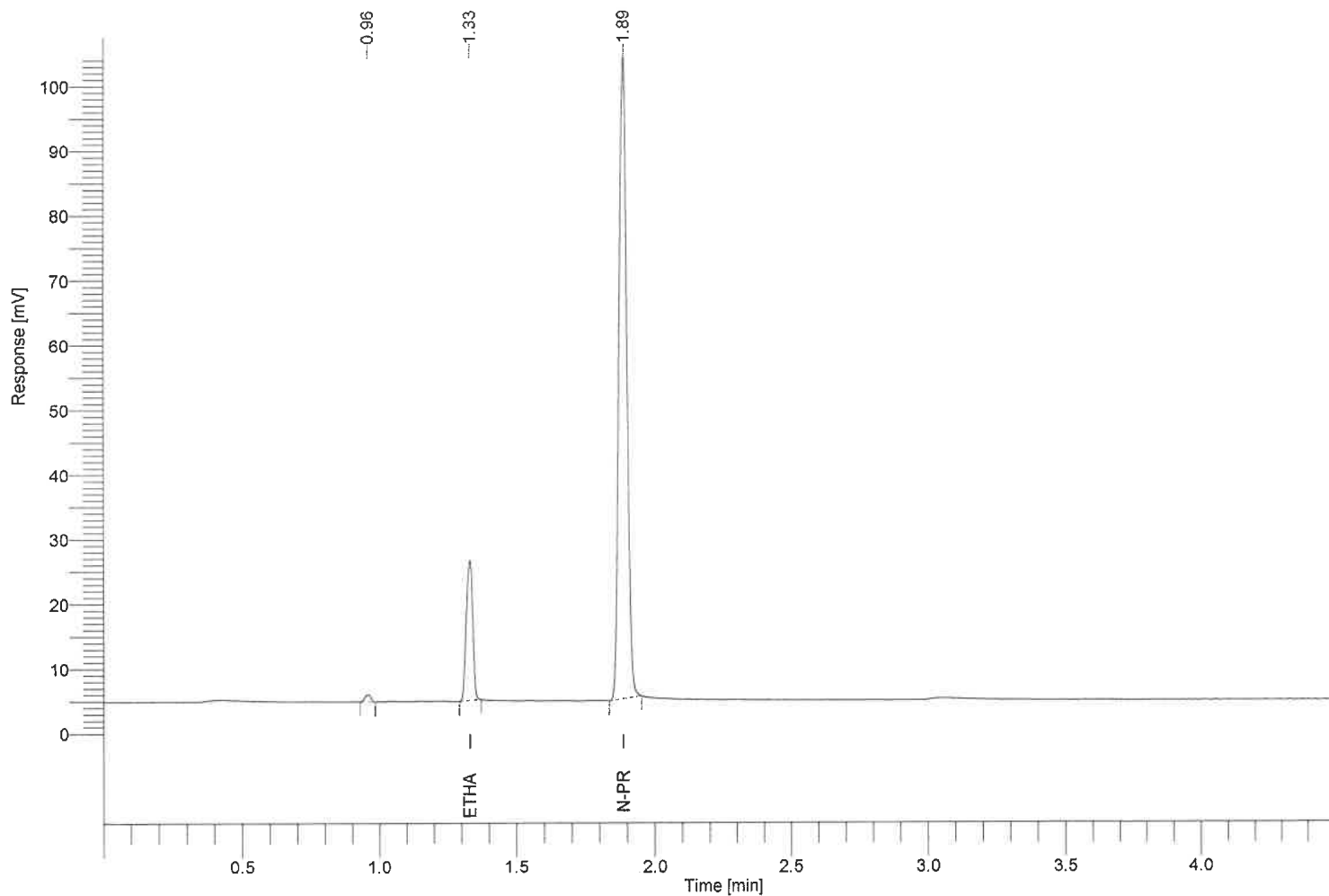
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8012  
Sample Name : 2153  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 27

Date : 4/3/2024 12:09:28 PM  
Data Acquisition Time : 4/3/2024 12:04:45 PM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data027.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 35904.85      | 0.0610        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.886      | 1.000 | 197892.56     | -----         |

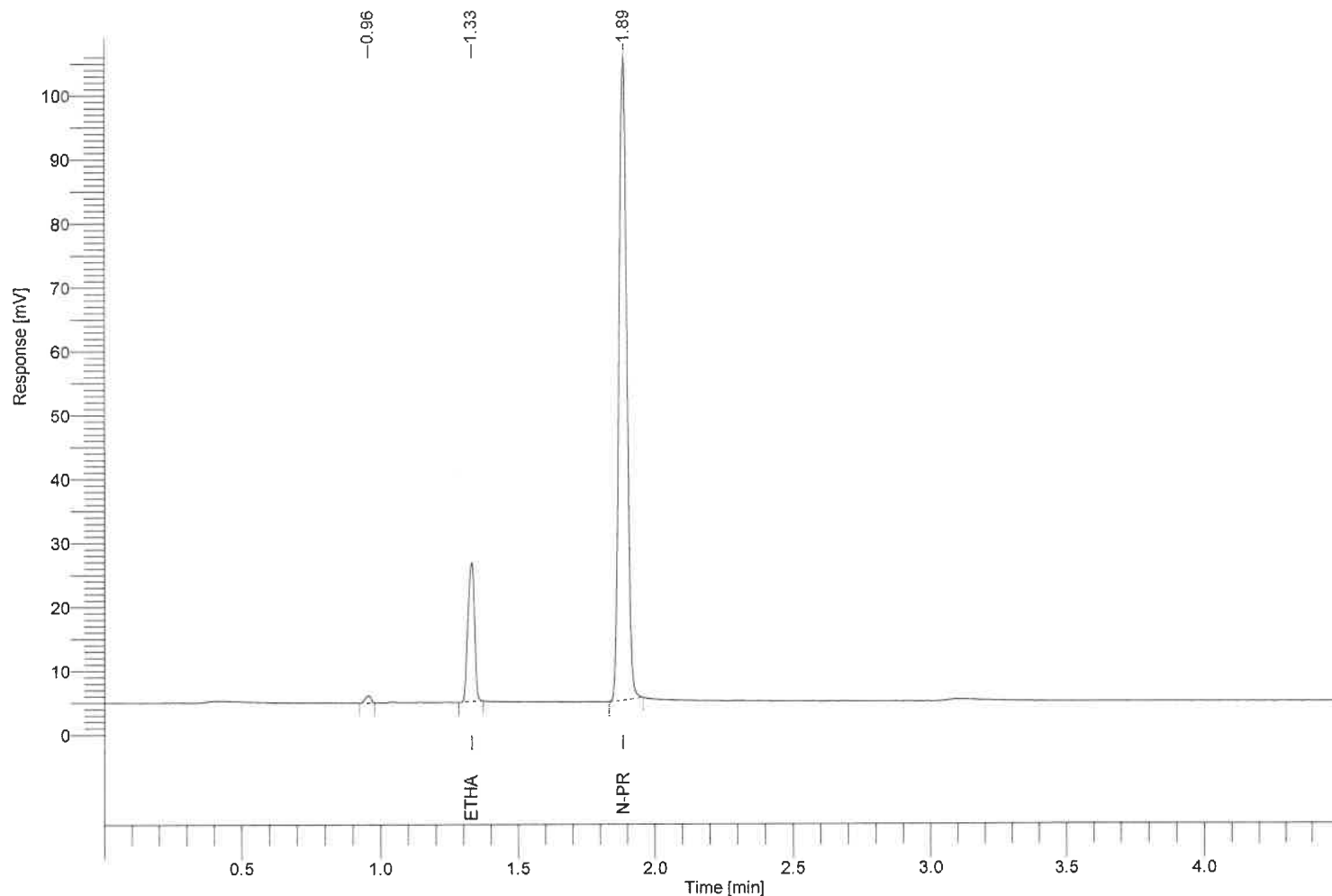
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8013  
Sample Name : 2160  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 28

Date : 4/3/2024 12:14:31 PM  
Data Acquisition Time : 4/3/2024 12:09:48 PM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data028.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.329      | 0.705 | 36612.30      | 0.0609        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.885      | 1.000 | 202210.27     | -----         |

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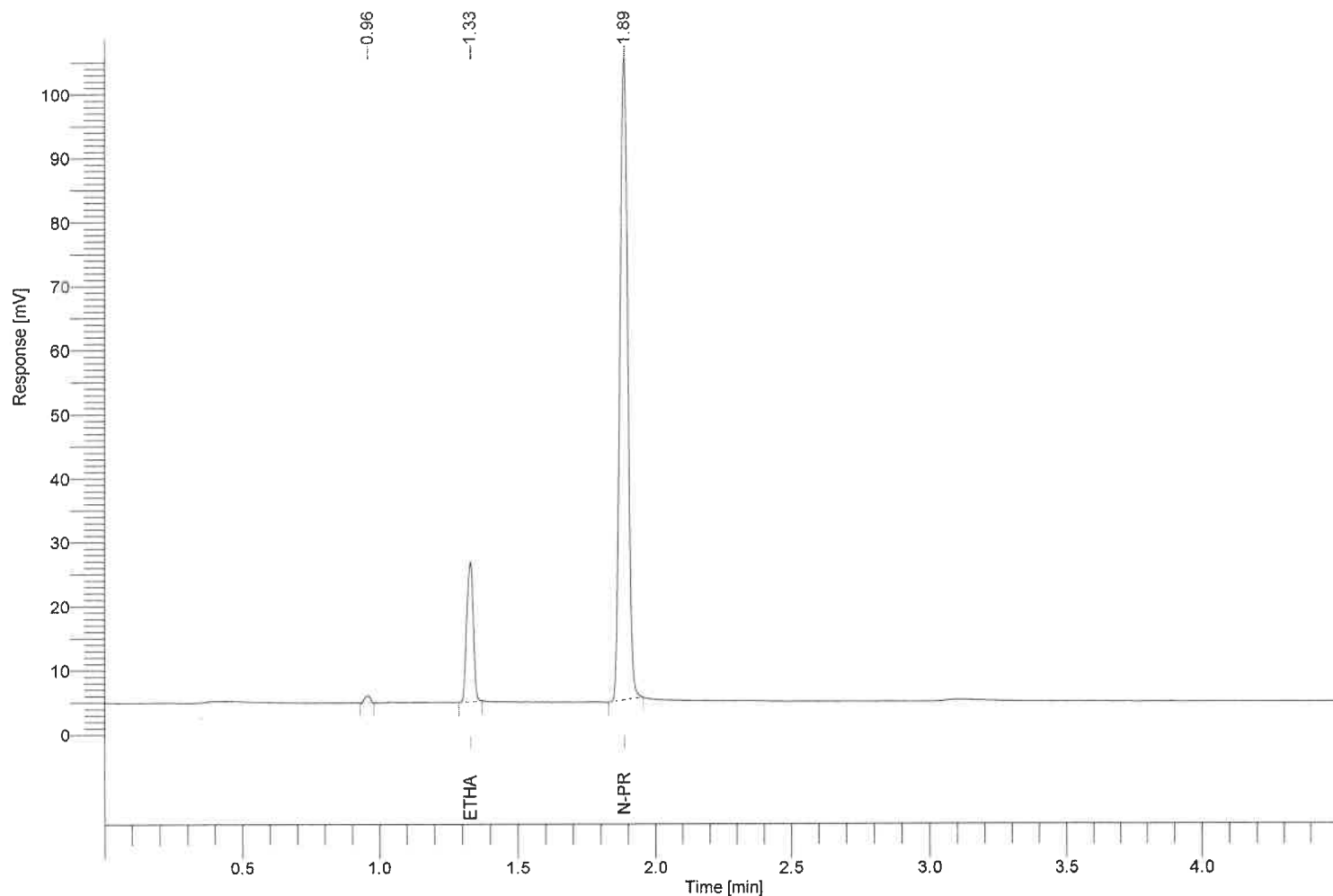


Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8014  
Sample Name : 2164  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 29

Date : 4/3/2024 12:19:34 PM  
Data Acquisition Time : 4/3/2024 12:14:51 PM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data029.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 36316.00      | 0.0607        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 201246.06     | -----         |

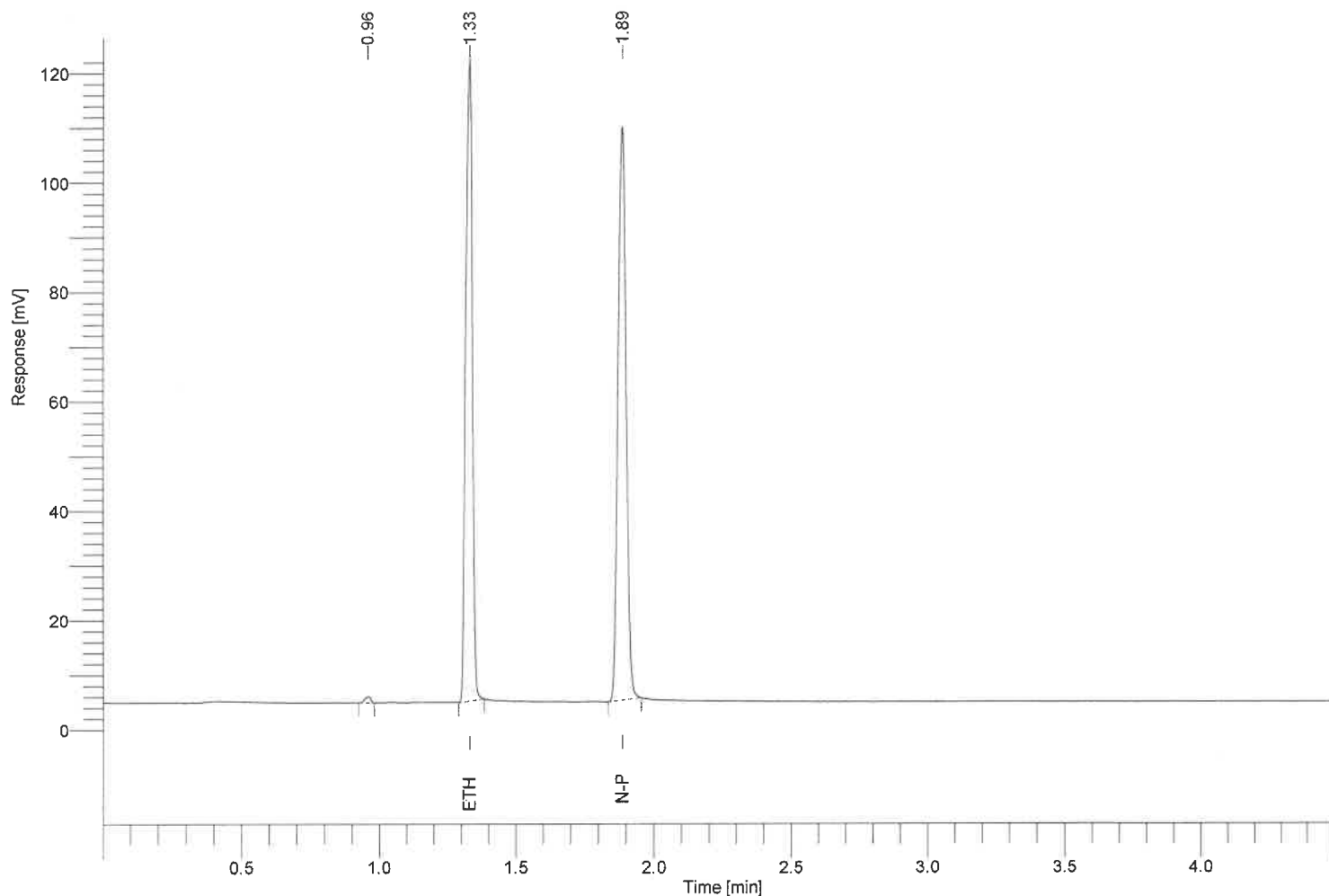
BK  
4/5/24

Software Version : 6.3.2.0646  
Reprocess Number : gc-pc: 8015  
Sample Name : Lipo 300  
Instrument Name : ClarusGC  
Rack/Vial : 0/0  
Sample Amount : 1.000000  
Cycle : 30

Date : 4/3/2024 12:24:37 PM  
Data Acquisition Time : 4/3/2024 12:19:54 PM  
Channel : A  
Operator : manager  
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2024 Data\04032024a\data030.rst

Sequence File : C:\Totalchrom Sequences\2024\04022024a.seq



| Component Name | Time [min] | RRt   | Area [uV*sec] | Conc. g/100ml |
|----------------|------------|-------|---------------|---------------|
| methanol       | 1.169      | ----- | 0.00          | 0.0000        |
| ethanol        | 1.330      | 0.705 | 197180.46     | 0.2993        |
| isopropanol    | 1.563      | ----- | 0.00          | 0.0000        |
| acetone        | 1.821      | ----- | 0.00          | 0.0000        |
| n-propanol     | 1.887      | 1.000 | 211825.11     | -----         |

BK  
4/3/24