

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	2310
10	2311
11	2312
12	2313
13	2314
14	2315
15	2316
16	2317
17	2318
18	2319
19	Lipomed 100
20	2310
21	2311
22	2312
23	2313
24	2314
25	2315
26	2316
27	2317
28	2318
29	2319
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	Jul-23

Reagents, Calibrators and Controls

Materials	Lot	Exp. Date
Internal Standard	081423 PN	na
Volatiles Mixture	052121 TG	na
Water (Fisher Scientific)	213960	06/2026
Cerilliant 25	FN03122112	3/2026
Cerilliant 100	FN11172002	12/2025
Cerilliant 200	FN05101903	09/2024
Cerilliant 400	FN03052102	3/2026
Lipomed 50	10072019-A	07/2024
Lipomed 100	14082019-A	08/2024
Lipomed 300	11092018-B	09/2023

Reference Solution

Level Tested:	0.08 g/ 210 L
Lot #:	202307A
Manufacture Date:	7/11/2023
Expiration Date	7/11/2025

Operator: 

Date: 8/15/2023

JSK
8/16/23

Alcohol Analysis QC Summary

Report Date	8/15/2023
Reviewer	<i>YKH 8/16/23</i>

Run Summary Data			Ethanol				n-Propanol	
Run Date	Channel	Sample	Lot	RT	Area	Conc.	RT	Area
8/15/2023	A	Volatiles Mix	052121 TG	1.364	24614.24	0.0258	1.935	359198.22
8/15/2023	A	Blank	213960		0.00	0.0000	1.935	357838.16
8/15/2023	A	CER 25	FN03122112	1.365	15227.76	0.0229	1.935	354767.22
8/15/2023	A	CER 100	FN11172002	1.364	62689.16	0.0782	1.935	360193.10
8/15/2023	A	CER 200	FN05101903	1.363	126306.35	0.1504	1.934	359142.36
8/15/2023	A	CER 400	FN03052102	1.365	250749.32	0.4011	1.936	349418.44
8/15/2023	A	Blank	213960		0.00	0.0000	1.935	350062.54
8/15/2023	A	Lipomed 50	10072019-A	1.364	31178.94	0.0510	1.935	359012.16
8/15/2023	A	2310	202307A	1.364	59837.02	0.0968	1.935	353377.60
8/15/2023	A	2311	202307A	1.363	60414.17	0.0967	1.934	356800.95
8/15/2023	A	2312	202307A	1.364	59845.38	0.0965	1.936	354499.09
8/15/2023	A	2313	202307A	1.364	59713.37	0.0963	1.935	354345.91
8/15/2023	A	2314	202307A	1.364	60186.46	0.0967	1.935	355782.62
8/15/2023	A	2315	202307A	1.364	59315.38	0.0972	1.935	348792.50
8/15/2023	A	2316	202307A	1.363	61003.97	0.0968	1.934	360162.48
8/15/2023	A	2317	202307A	1.364	60235.09	0.0968	1.935	355423.78
8/15/2023	A	2318	202307A	1.364	60476.65	0.0969	1.935	356494.77
8/15/2023	A	2319	202307A	1.363	59199.64	0.0969	1.934	348954.15
8/15/2023	A	Lipomed 100	14082019-A	1.363	62070.23	0.0995	1.934	356160.84
8/15/2023	A	2310	202307A	1.363	60046.92	0.0967	1.934	354844.11
8/15/2023	A	2311	202307A	1.365	60418.95	0.0964	1.936	358188.27
8/15/2023	A	2312	202307A	1.365	60840.45	0.0972	1.936	357480.99
8/15/2023	A	2313	202307A	1.364	60519.19	0.0969	1.935	356687.59
8/15/2023	A	2314	202307A	1.364	58955.95	0.0967	1.935	348358.55
8/15/2023	A	2315	202307A	1.363	59830.50	0.0965	1.934	354252.69
8/15/2023	A	2316	202307A	1.365	60076.59	0.0967	1.936	355018.09
8/15/2023	A	2317	202307A	1.365	60448.29	0.0965	1.936	357916.87
8/15/2023	A	2318	202307A	1.363	61924.54	0.0967	1.934	366057.25
8/15/2023	A	2319	202307A	1.363	60537.41	0.0967	1.934	357650.94
8/15/2023	A	Lipomed 300	11092018-B	1.363	194729.94	0.2983	1.934	365679.30

%CV = 1.21%

ALCOHOL ANALYSIS QC SUMMARY

Report Date 8/15/2023

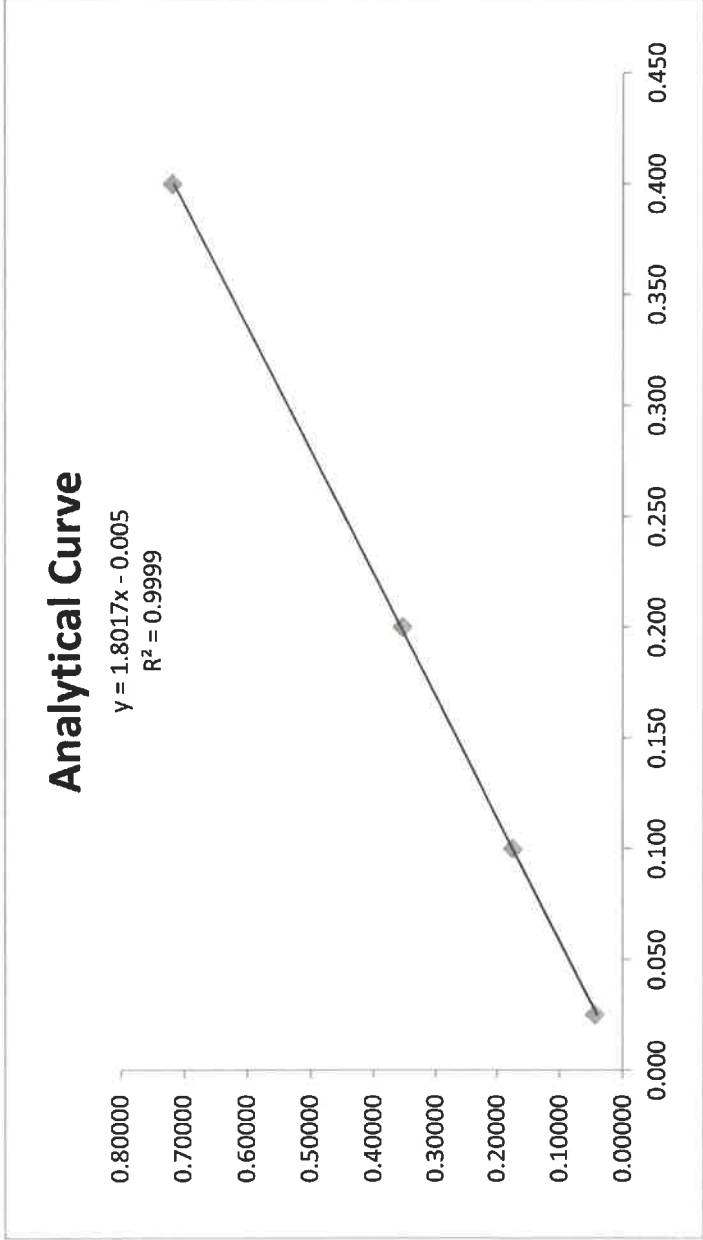
Reviewer *AK 8/16/23*

AK 8/16/23

RUN SUMMARY DATA

Run Date	Channel	Sample	Lot	Ethanol			n-Propanol	
				RT	Area	Conc.	RT	Area
8/15/2023	A	CER 25	FN03122112	1.365	15227.76	0.0229	1.935	354767.22
8/15/2023	A	CER 100	FN11172002	1.364	62689.16	0.0782	1.935	360193.10
8/15/2023	A	CER 200	FN05101903	1.363	126306.35	0.1504	1.934	359142.36
8/15/2023	A	CER 400	FN03052102	1.365	250749.32	0.4011	1.936	349418.44

Summary		Standard	g/dL	Ratio	Calc.	Diff
Slope		Blank	0.000	0.00000	0.00000	0.00000
	1.8017	CER 25	0.025	0.04292	0.02659	0.00159
	-0.0050	CER 100	0.100	0.17404	0.09937	-0.00063
Standard Error	0.003650946	CER 200	0.200	0.35169	0.19797	-0.00203
R-Squared	0.9999	CER 400	0.400	0.71762	0.40107	0.00107



Source:	Alcohol Countermeasure Systems, Inc.
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Lot	202307A
Level	0.08 g/ 210 L
Manufacture Date	7/11/2023
Expiration Date	7/11/2025

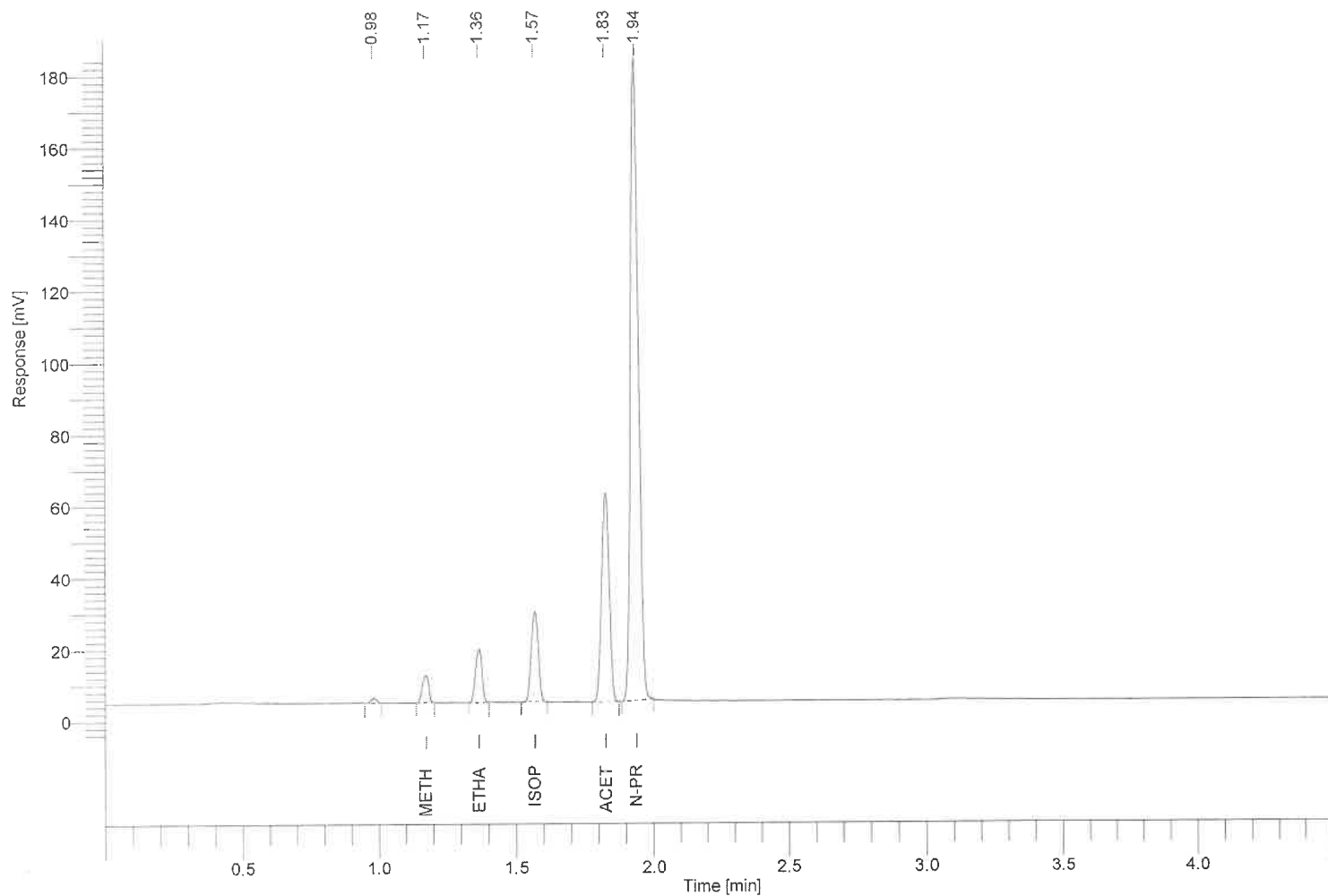
Bottle	Result (g/100mL)
2310	0.0968
	0.0967
2311	0.0967
	0.0964
2312	0.0965
	0.0972
2313	0.0963
	0.0969
2314	0.0967
	0.0967
2315	0.0972
	0.0965
2316	0.0968
	0.0967
2317	0.0968
	0.0965
2318	0.0969
	0.0967
2319	0.0969
	0.0967

Mean	0.0967
Std. Dev.	0.0002
Min	0.0963
Max	0.0972

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7888
Sample Name : Volatiles Mix
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 2

Date : 8/15/2023 11:30:09 AM
Data Acquisition Time : 8/15/2023 11:25:28 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data002.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



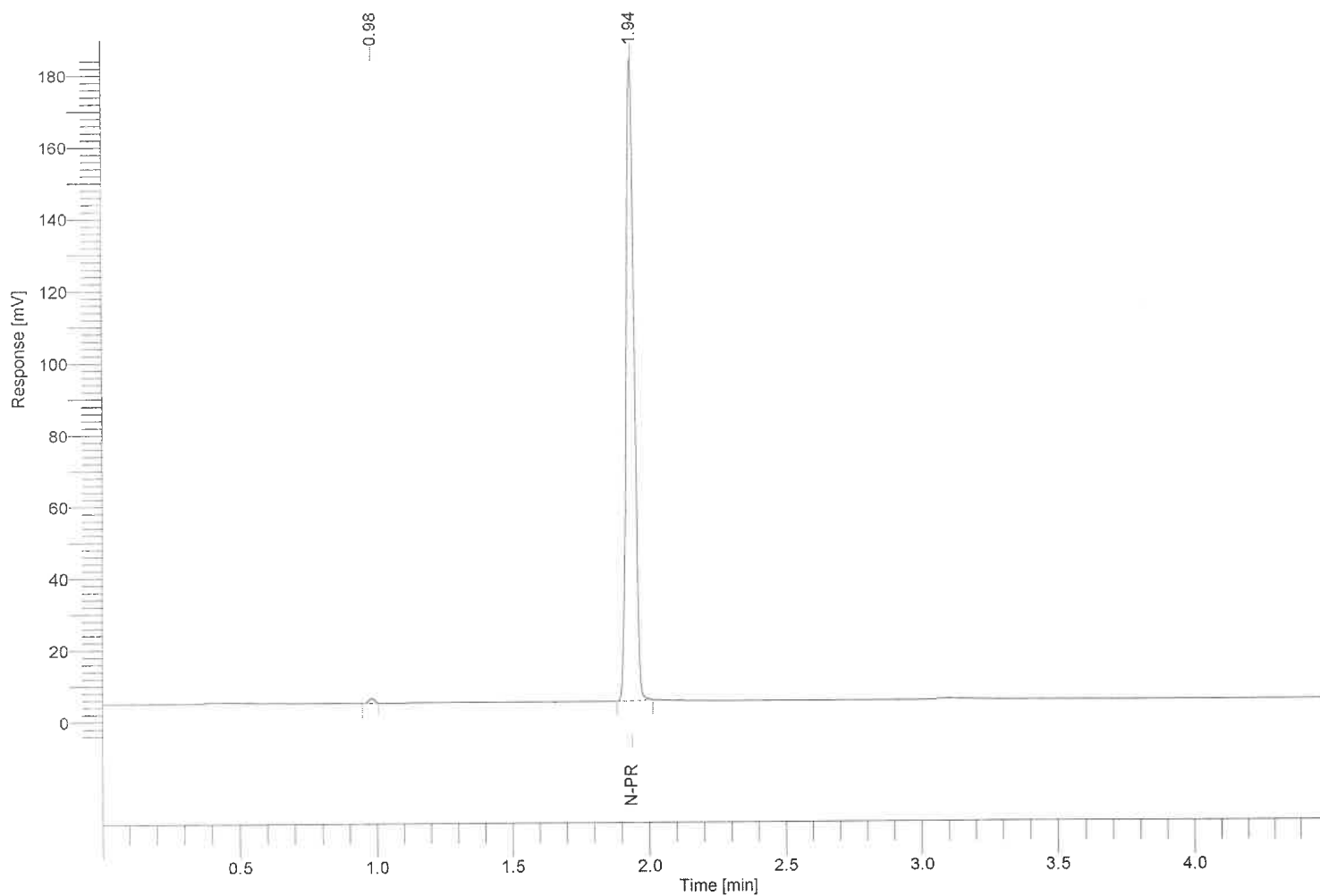
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.172	0.606	12261.52	0.0232
ethanol	1.364	0.705	24614.24	0.0258
isopropanol	1.567	0.810	45575.82	0.0232
acetone	1.826	0.943	111281.91	0.0231
n-propanol	1.935	1.000	359198.22	-----

BSK 8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7889
Sample Name : Blank
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 3

Date : 8/15/2023 11:35:12 AM
Data Acquisition Time : 8/15/2023 11:30:31 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data003.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



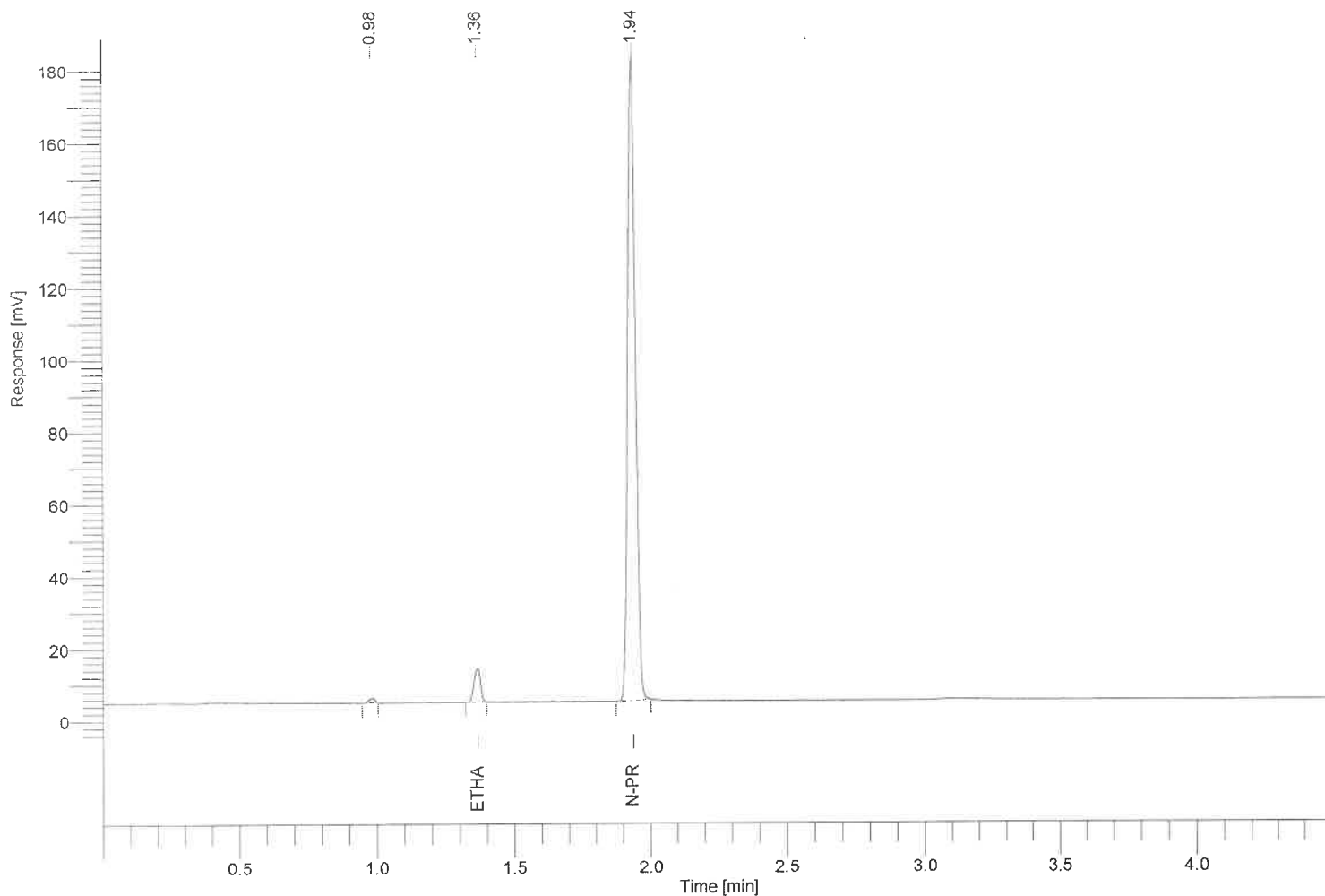
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.361	-----	0.00	0.0000
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	357838.16	-----

13K
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7890
Sample Name : Cerilliant 25
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 4

Date : 8/15/2023 11:40:15 AM
Data Acquisition Time : 8/15/2023 11:35:34 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data004.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



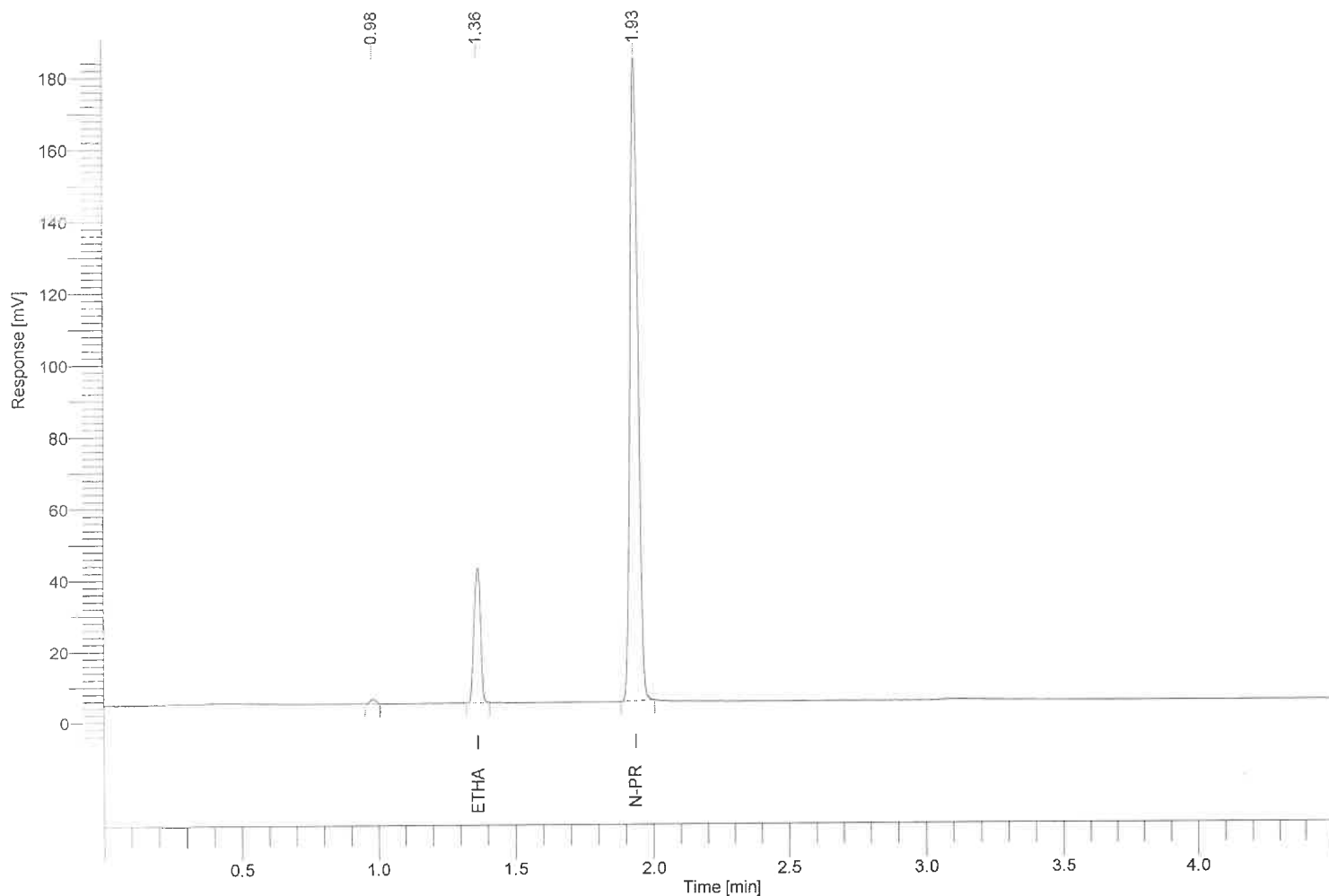
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	15227.76	0.0229
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	354767.22	-----

13K
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7891
Sample Name : Cerilliant 100
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 5

Date : 8/15/2023 11:45:18 AM
Data Acquisition Time : 8/15/2023 11:40:37 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data005.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



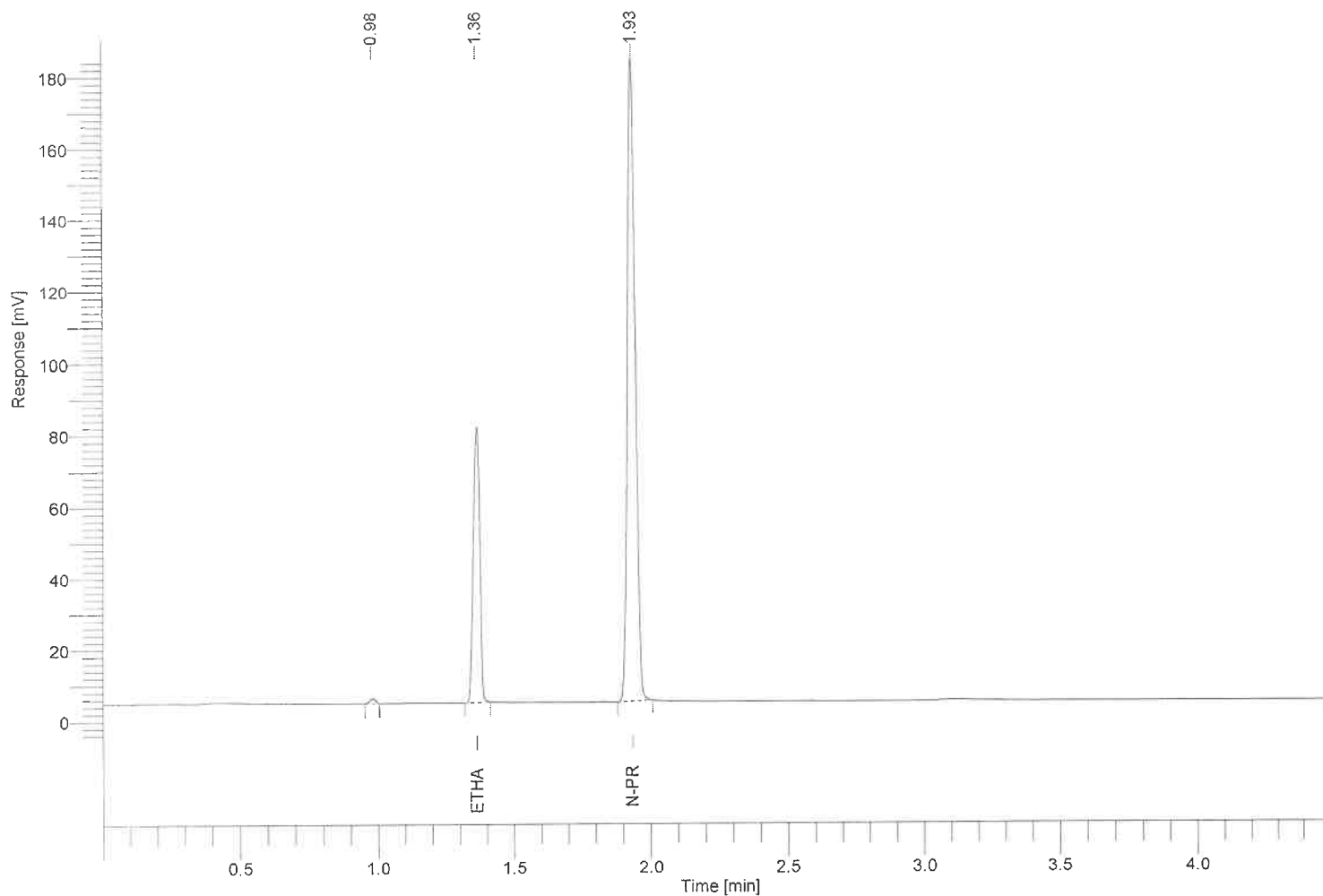
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	62689.16	0.0782
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	360193.10	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7892
Sample Name : Cerilliant 200
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 6

Date : 8/15/2023 11:50:21 AM
Data Acquisition Time : 8/15/2023 11:45:40 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data006.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



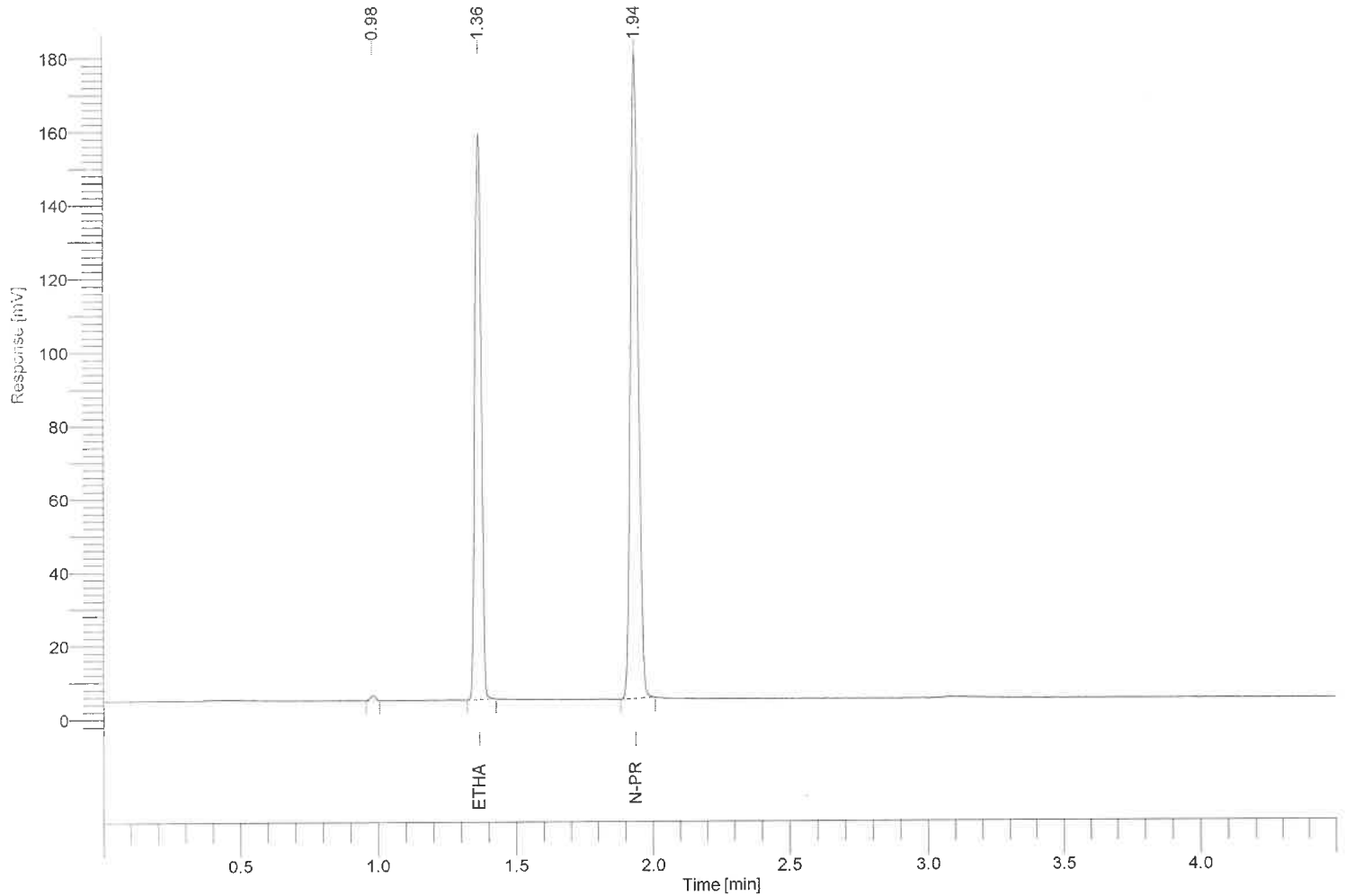
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	126306.35	0.1504
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	359142.36	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7893
 Sample Name : Cerilliant 400
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 7

Date : 8/15/2023 11:55:24 AM
 Data Acquisition Time : 8/15/2023 11:50:43 AM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data007.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



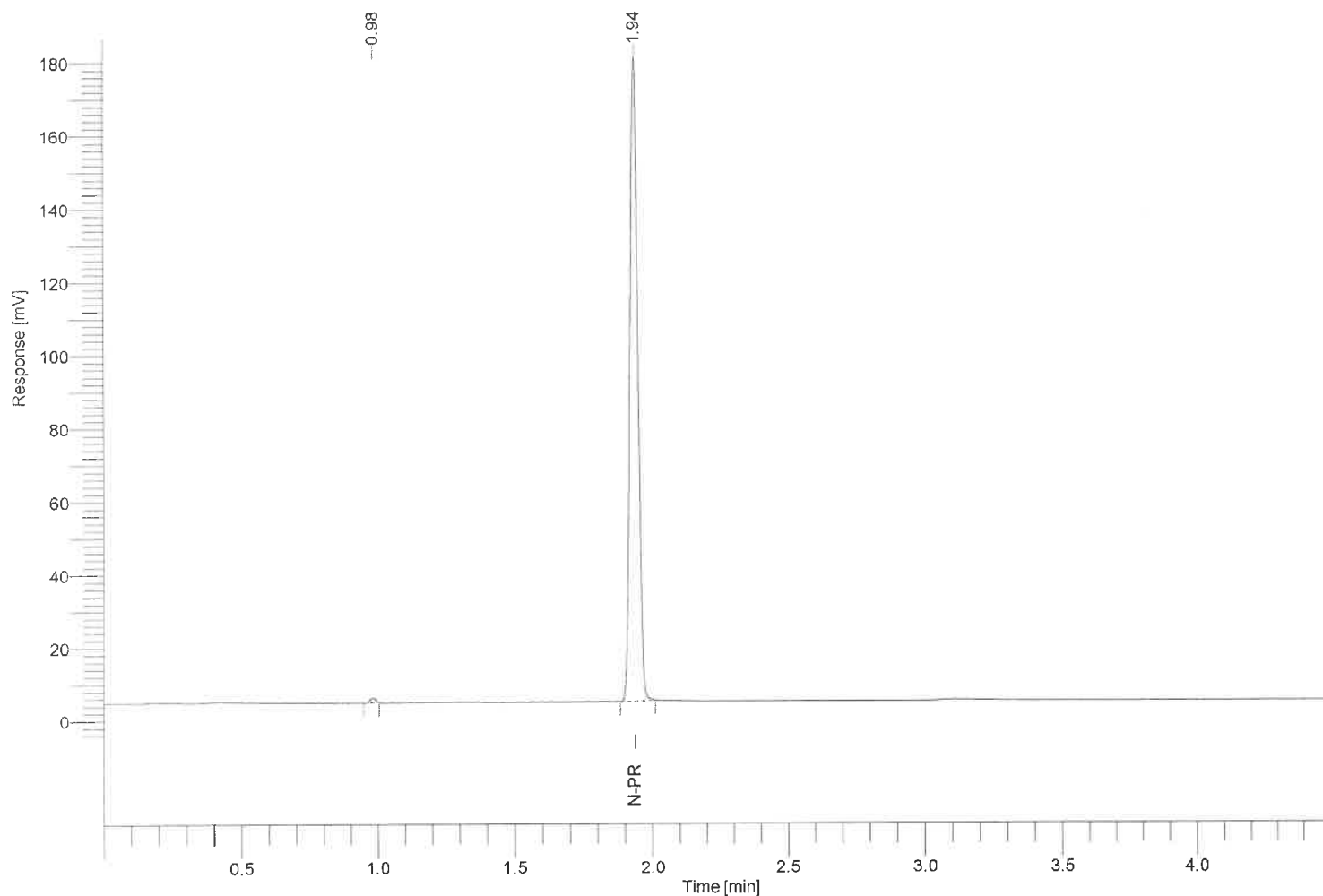
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	250749.32	0.4011
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	349418.44	-----

13K
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7894
Sample Name : Blank
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 8

Date : 8/15/2023 12:00:27 PM
Data Acquisition Time : 8/15/2023 11:55:46 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data008.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



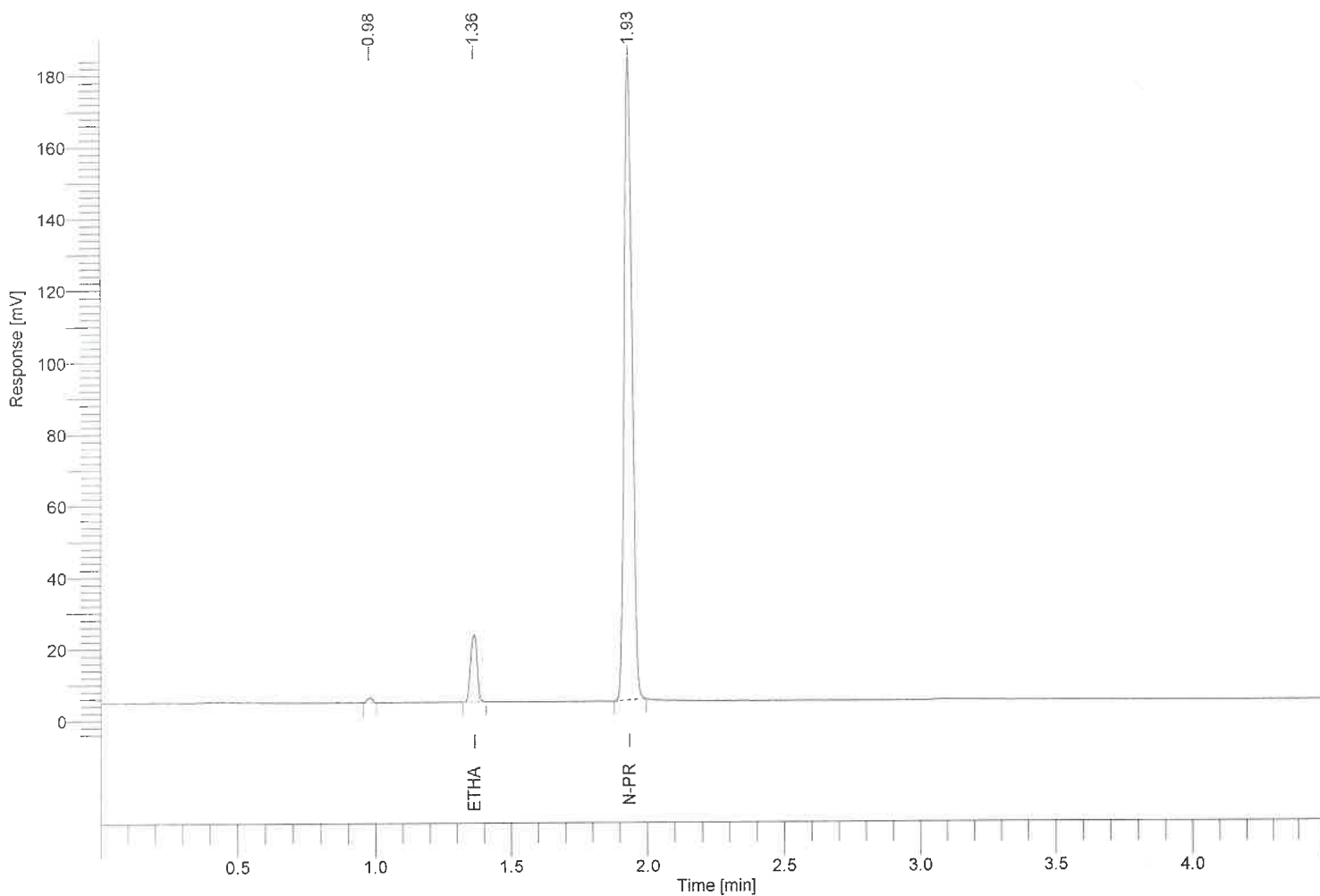
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.361	-----	0.00	0.0000
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	350062.54	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7895
Sample Name : Lipomed 50
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 9

Date : 8/15/2023 12:05:30 PM
Data Acquisition Time : 8/15/2023 12:00:49 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data009.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



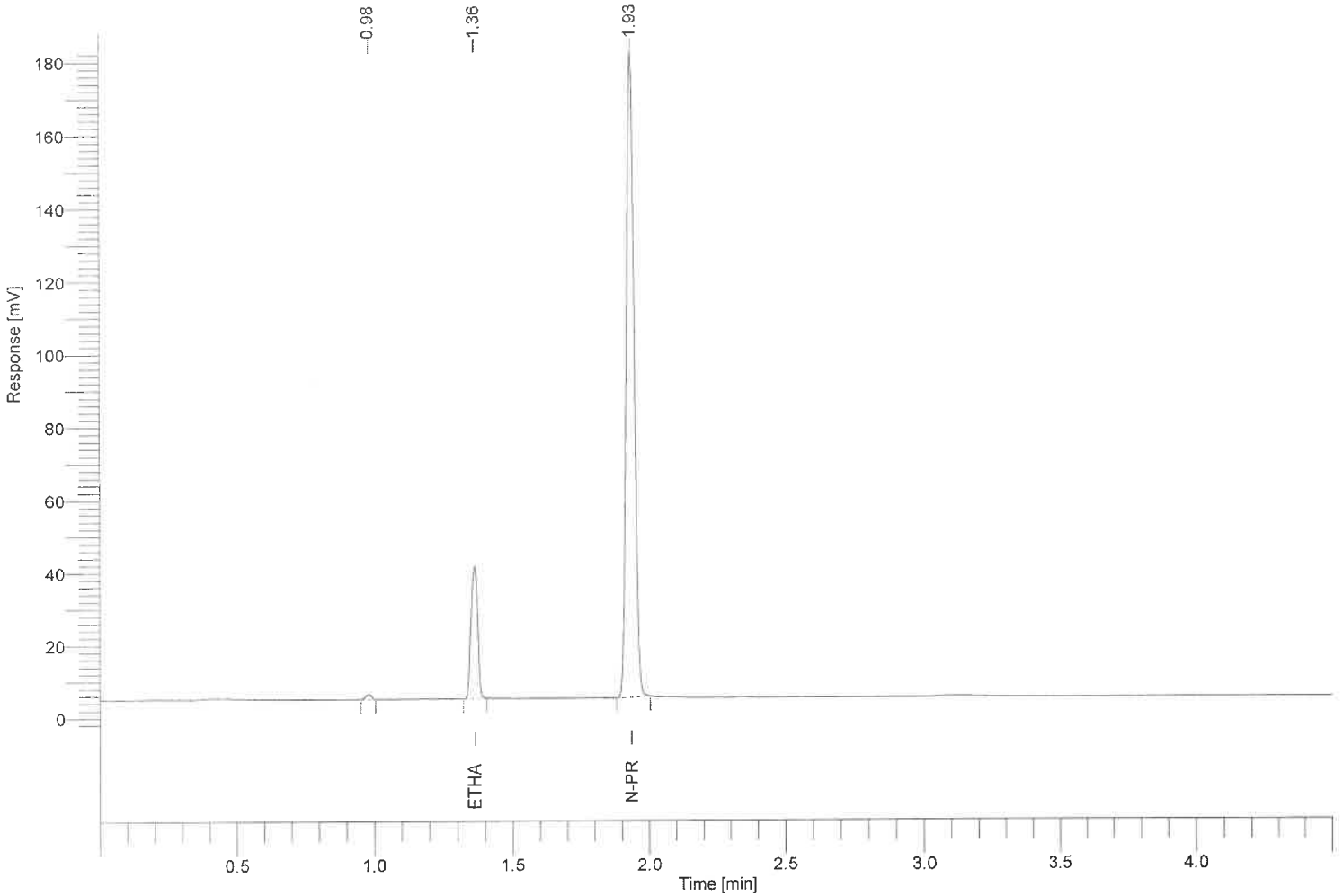
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	31178.94	0.0510
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	359012.16	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7896
 Sample Name : 2310
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 10

Date : 8/15/2023 12:10:34 PM
 Data Acquisition Time : 8/15/2023 12:05:52 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data010.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



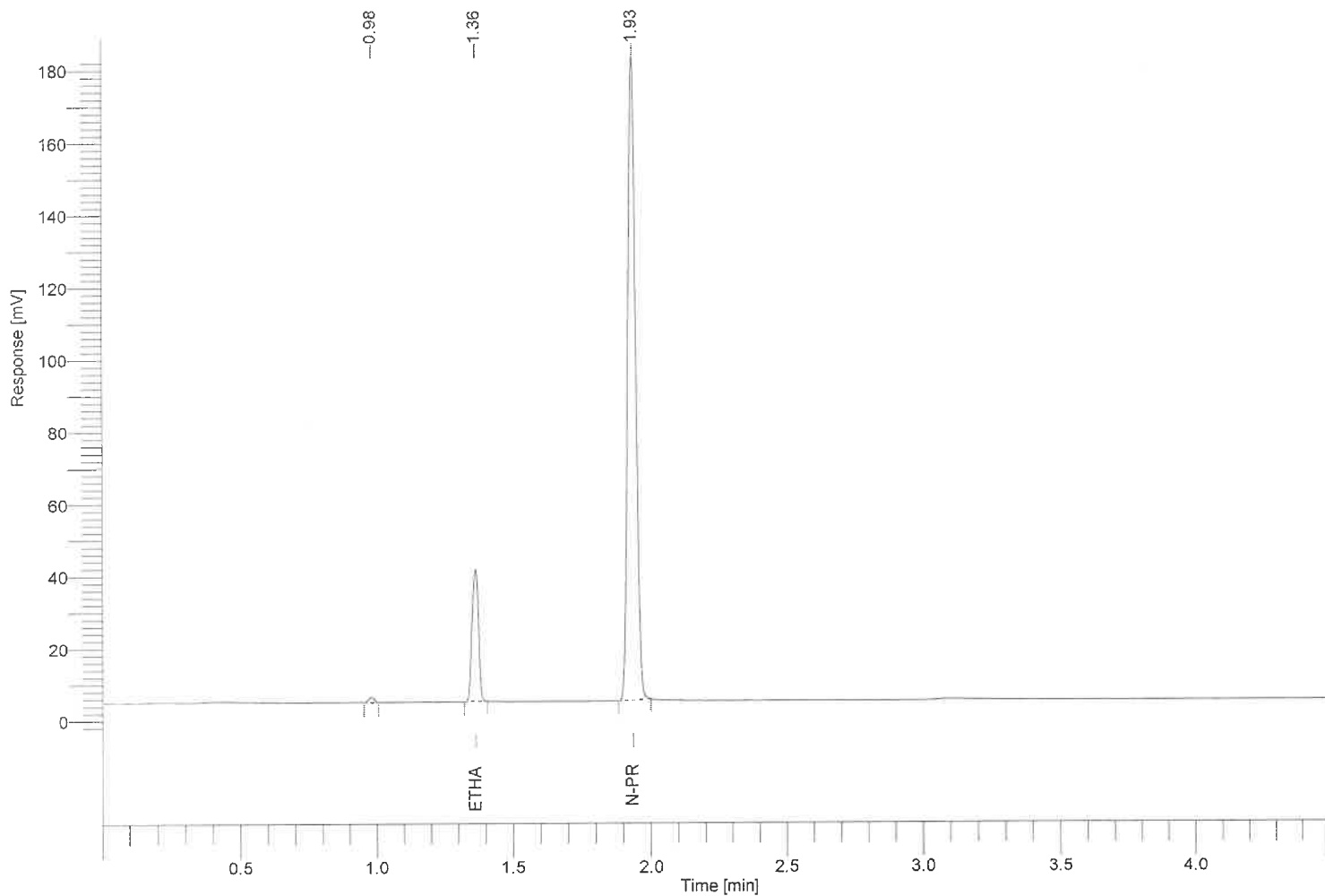
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	59837.02	0.0968
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	353377.60	-----

13K
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7897
Sample Name : 2311
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 11

Date : 8/15/2023 12:15:36 PM
Data Acquisition Time : 8/15/2023 12:10:54 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data011.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



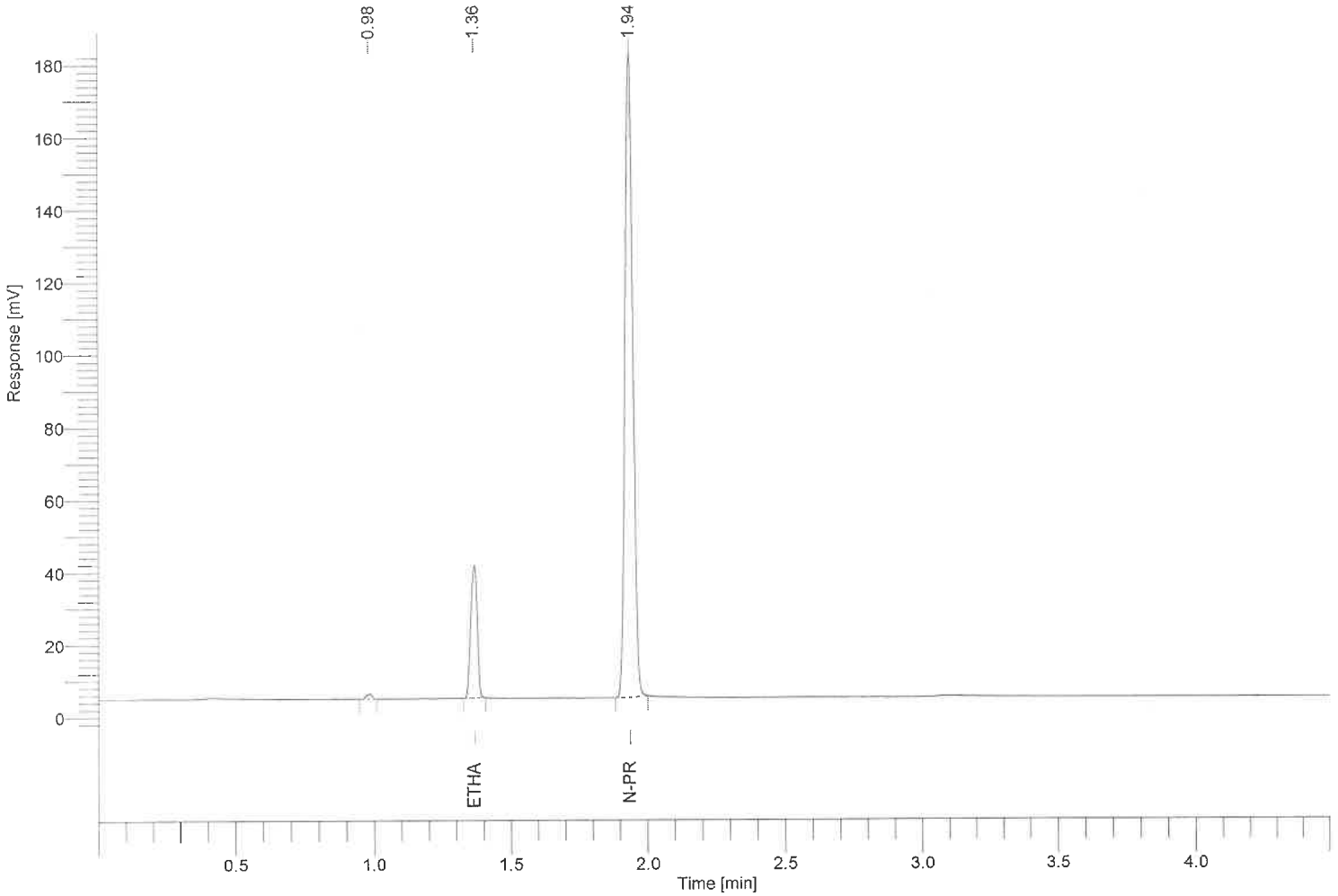
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	60414.17	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	356800.95	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7898
 Sample Name : 2312
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 12

Date : 8/15/2023 12:20:39 PM
 Data Acquisition Time : 8/15/2023 12:15:57 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data012.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



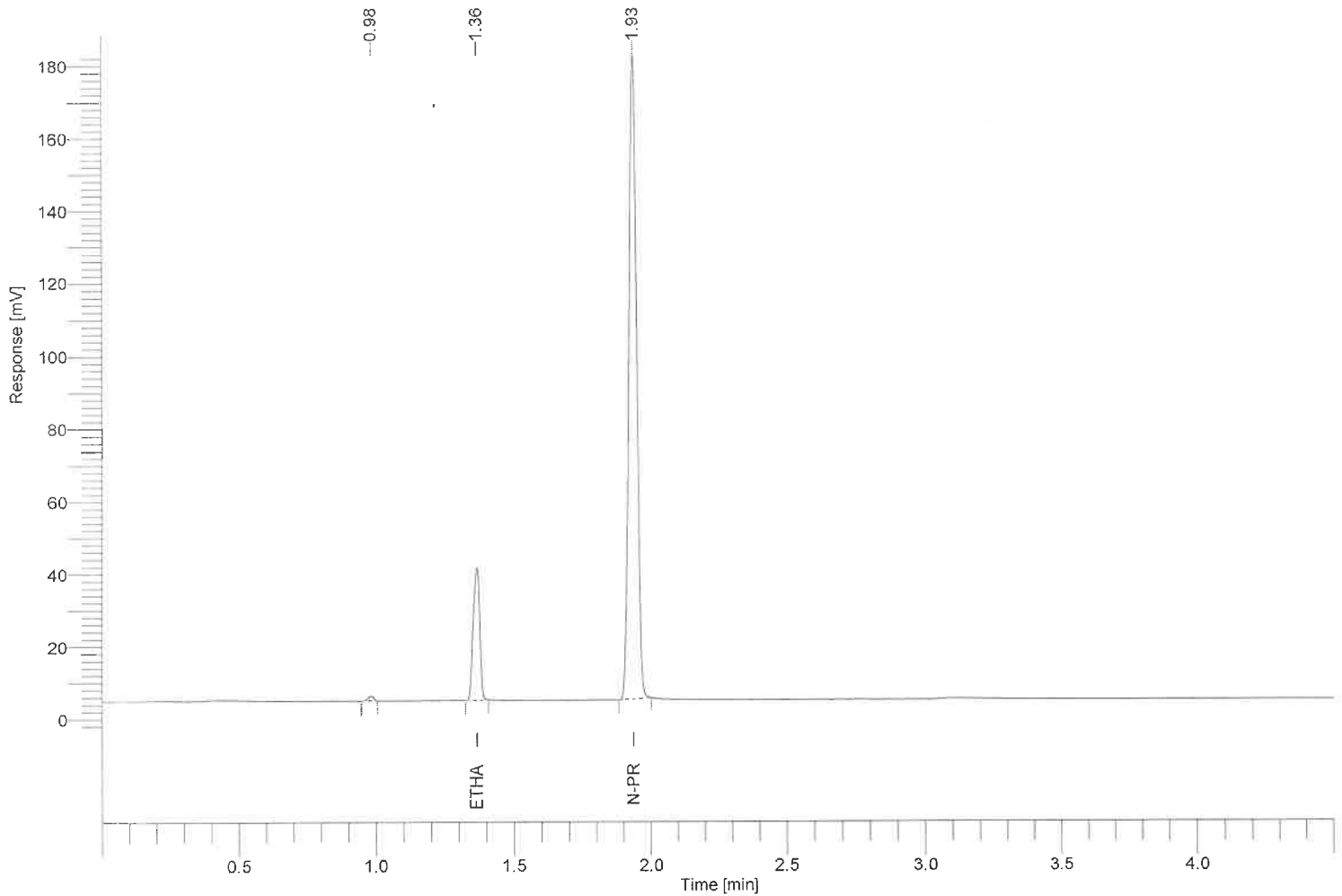
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	59845.38	0.0965
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	354499.09	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7899
 Sample Name : 2313
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 13

Date : 8/15/2023 12:25:42 PM
 Data Acquisition Time : 8/15/2023 12:21:00 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data013.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



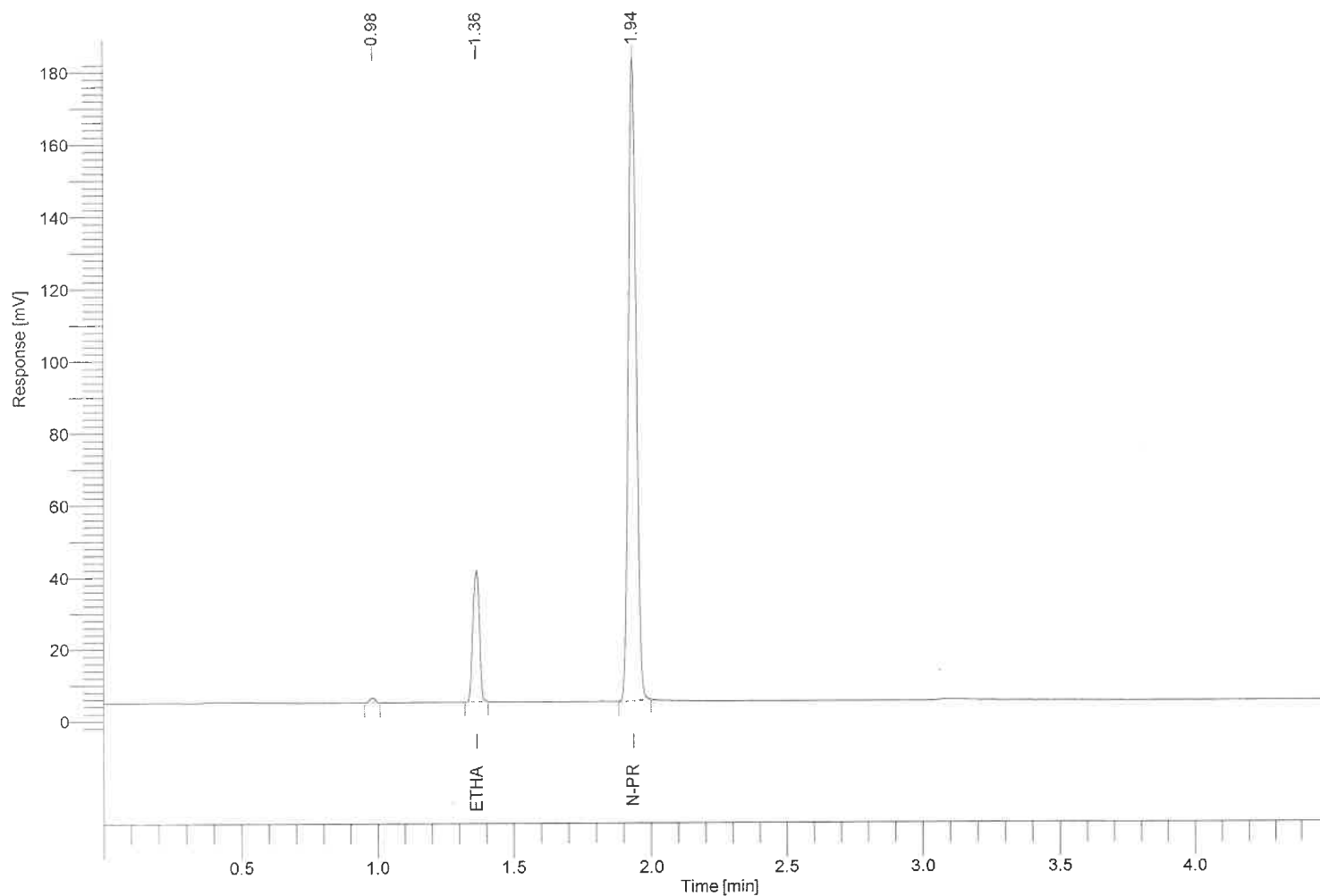
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	59713.37	0.0963
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	354345.91	-----

1312
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7900
Sample Name : 2314
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 14

Date : 8/15/2023 12:30:45 PM
Data Acquisition Time : 8/15/2023 12:26:03 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data014.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



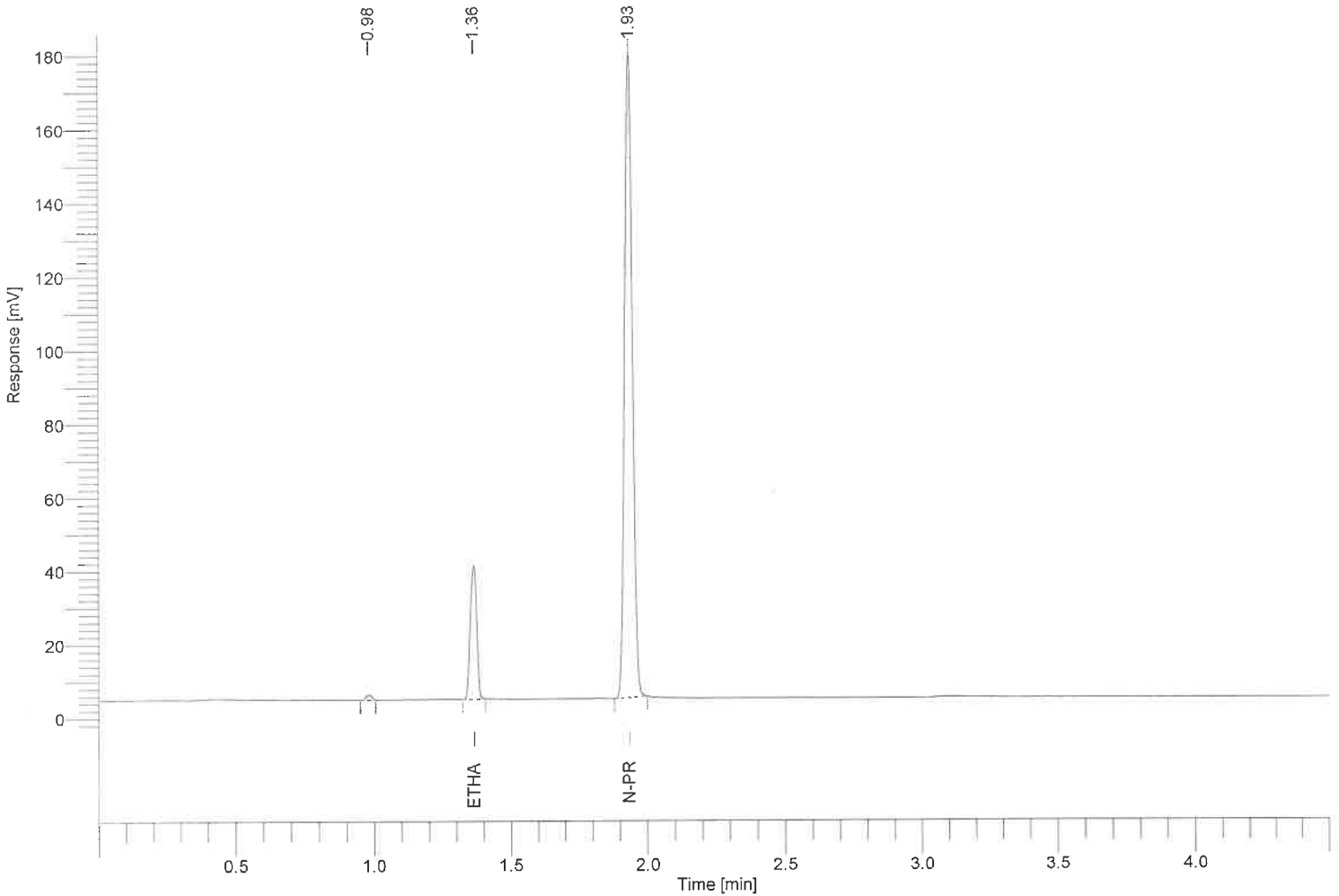
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	60186.46	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	355782.62	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7901
Sample Name : 2315
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 15

Date : 8/15/2023 12:35:48 PM
Data Acquisition Time : 8/15/2023 12:31:06 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data015.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



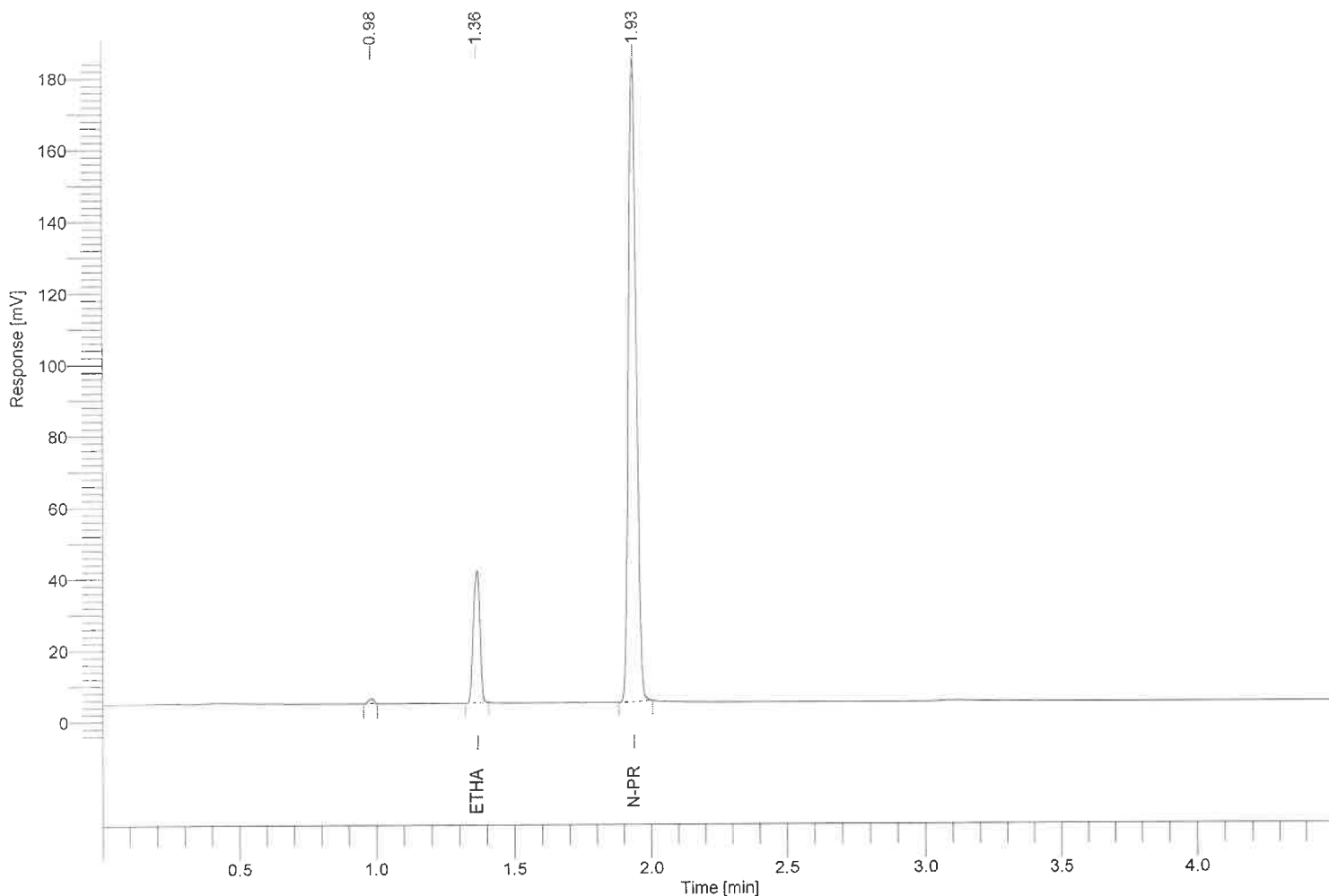
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	59315.38	0.0972
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	348792.50	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7902
Sample Name : 2316
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 16

Date : 8/15/2023 12:40:51 PM
Data Acquisition Time : 8/15/2023 12:36:09 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data016.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	61003.97	0.0968
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	360162.48	-----

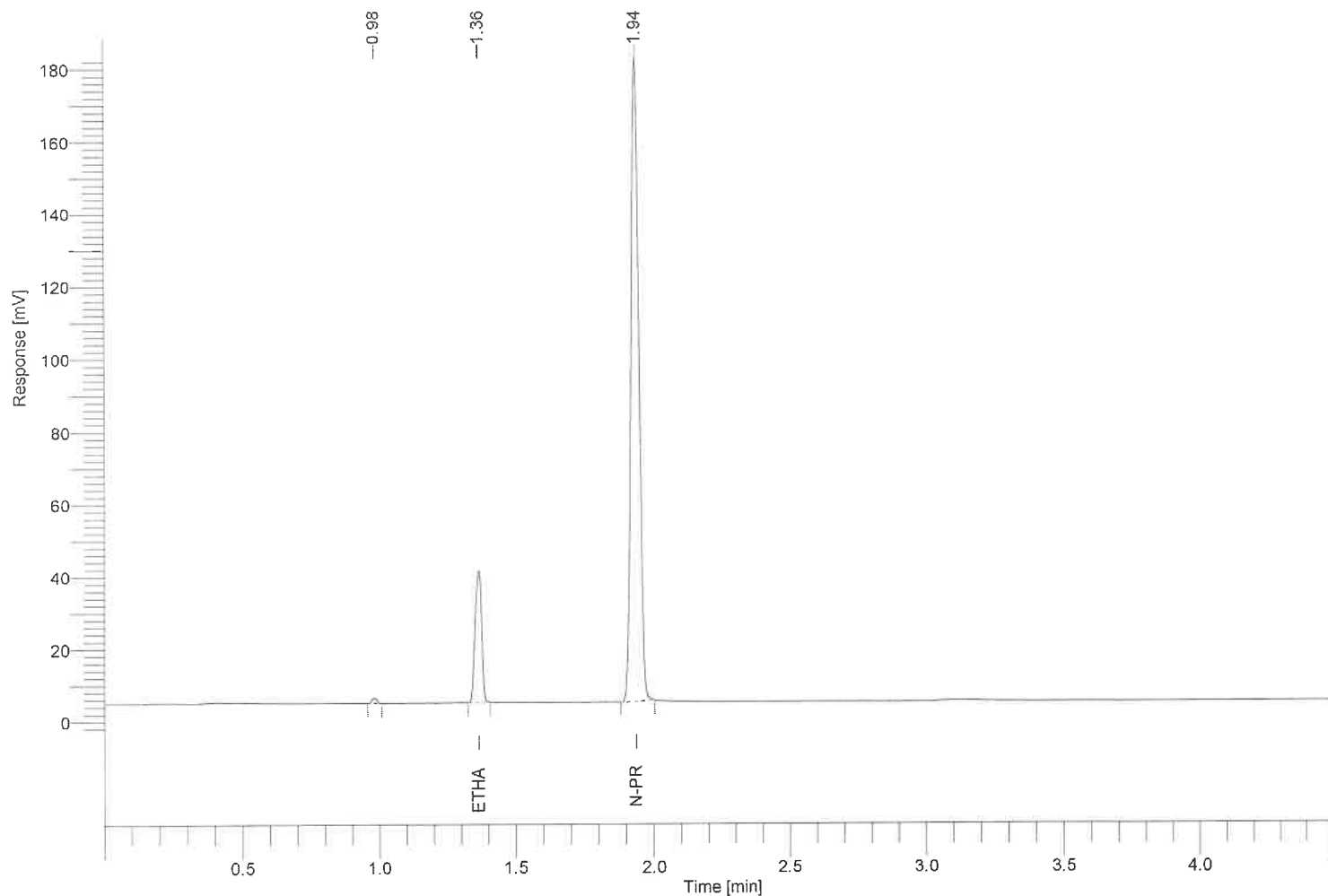
BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7903
Sample Name : 2317
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 17

Date : 8/15/2023 12:45:53 PM
Data Acquisition Time : 8/15/2023 12:41:12 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data017.rst

Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	60235.09	0.0968
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	355423.78	-----

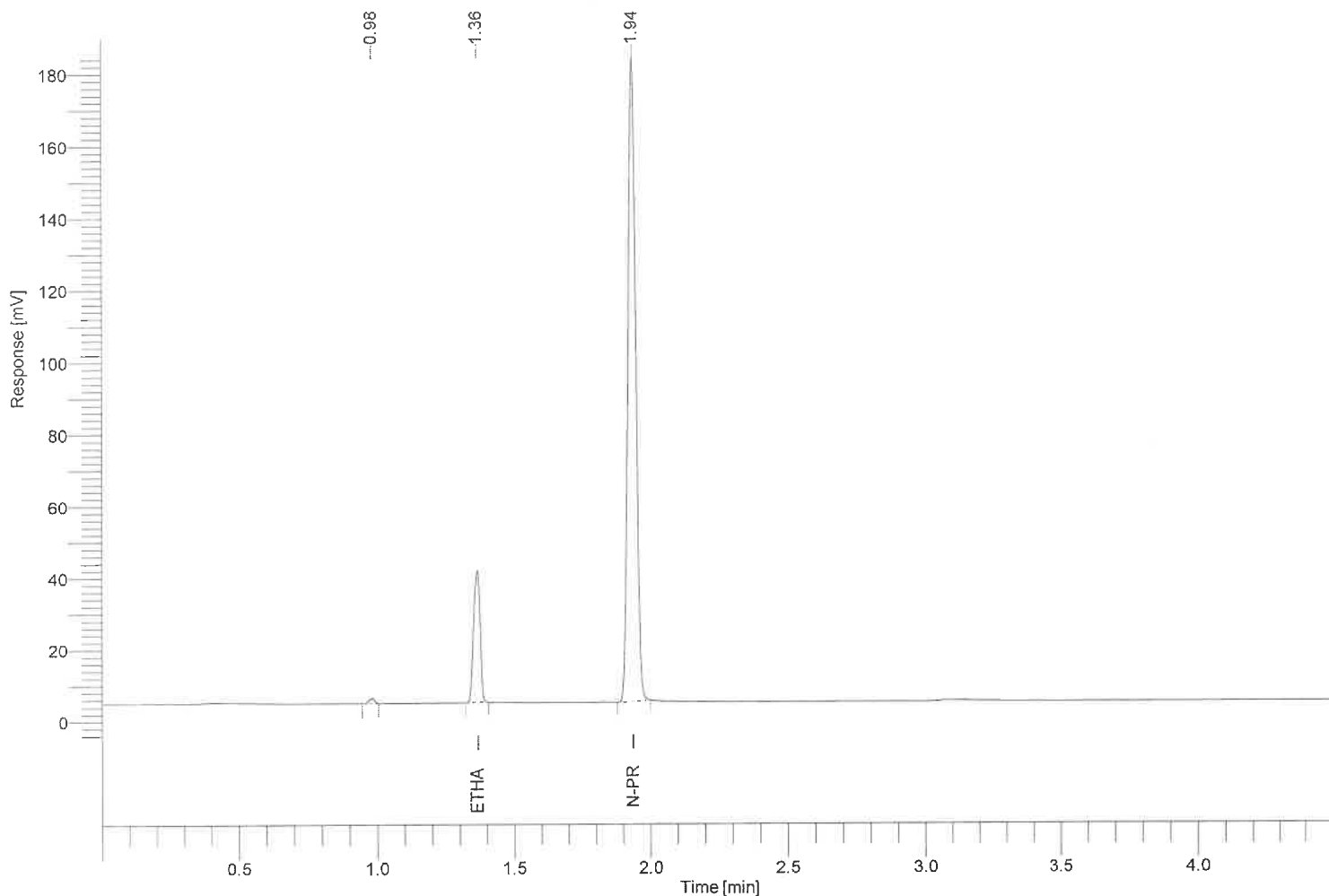
BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7904
Sample Name : 2318
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 18

Date : 8/15/2023 12:50:59 PM
Data Acquisition Time : 8/15/2023 12:46:15 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data018.rst

Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



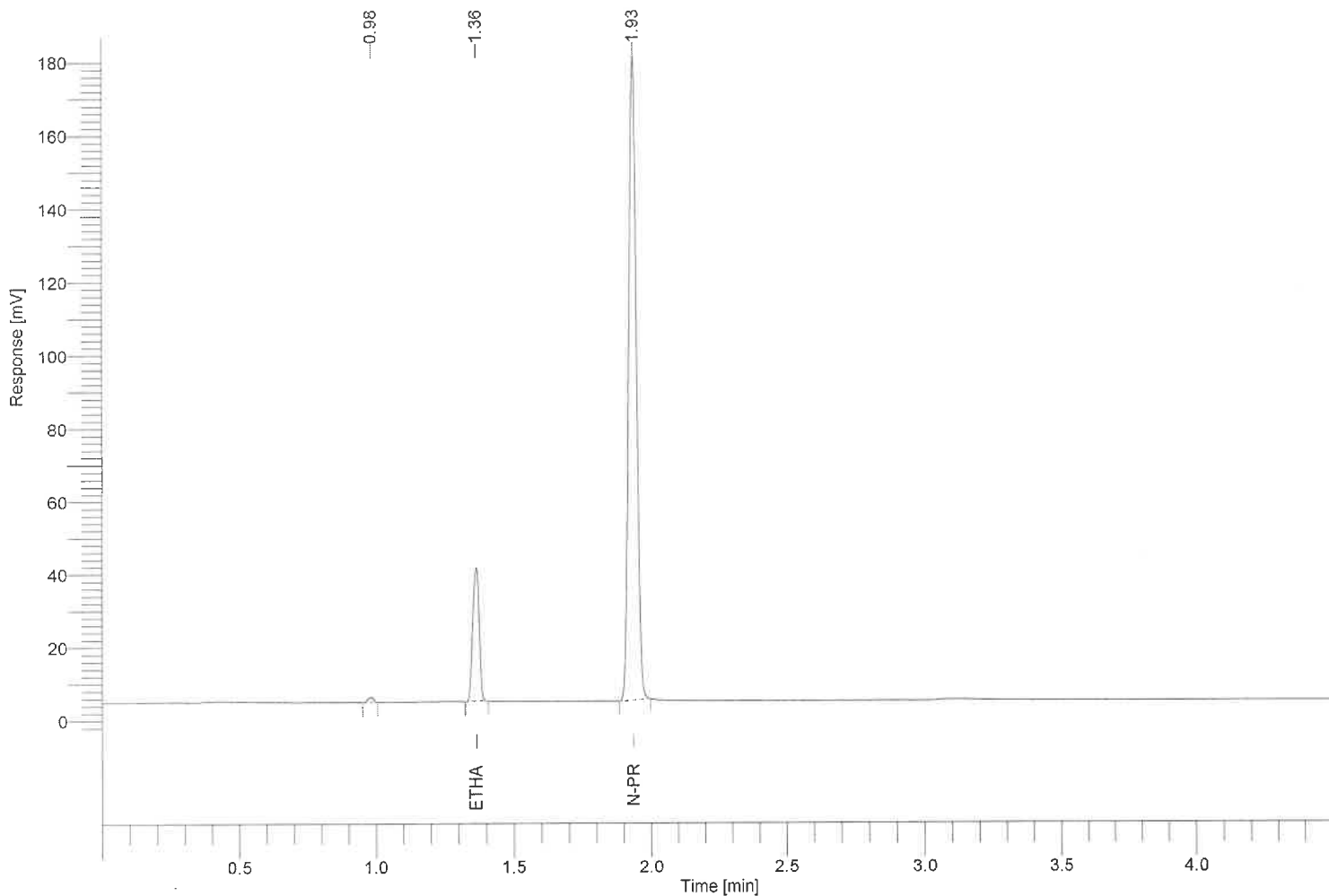
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	60476.65	0.0969
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	356494.77	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7905
Sample Name : 2319
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 19

Date : 8/15/2023 12:56:00 PM
Data Acquisition Time : 8/15/2023 12:51:18 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data019.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



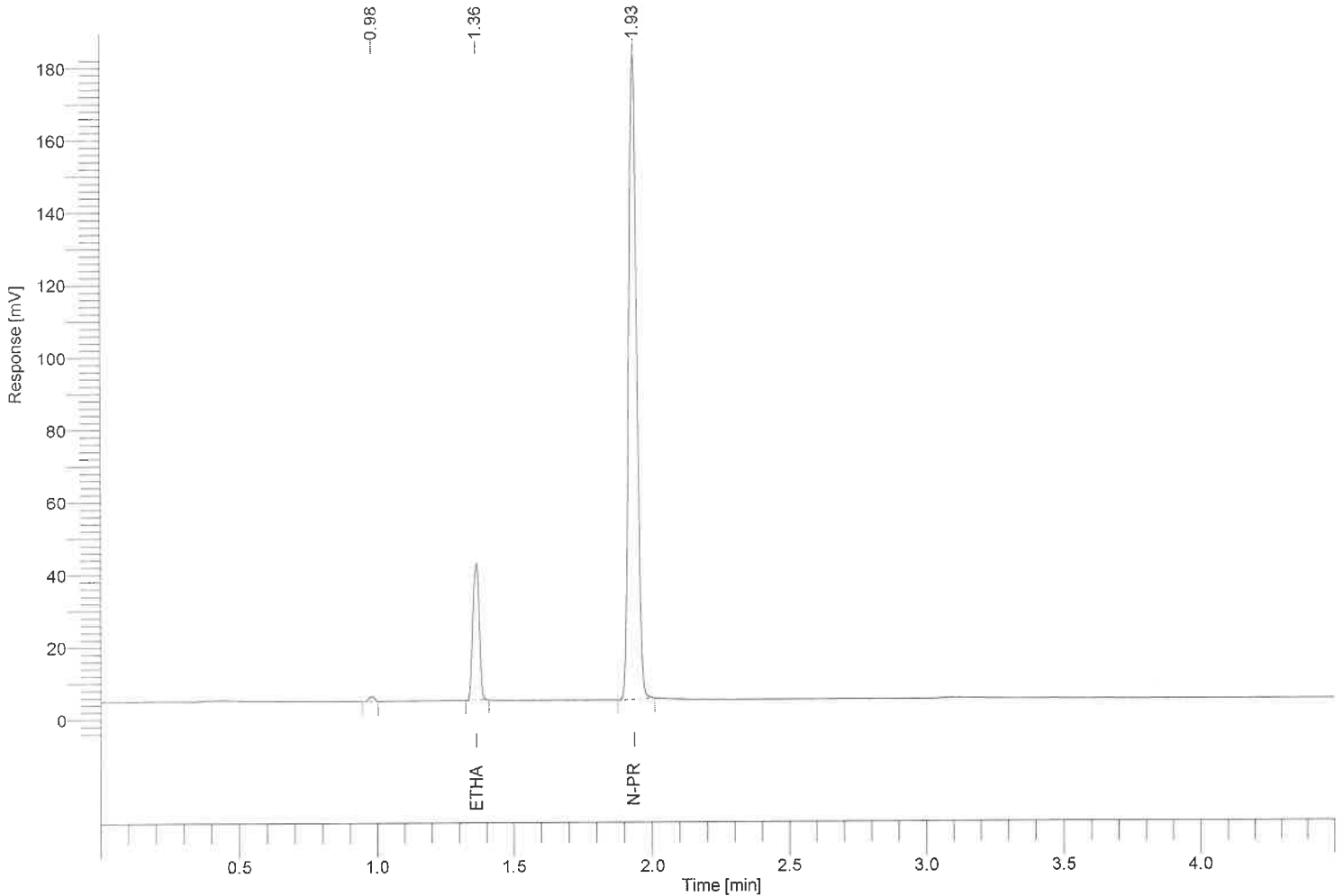
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	59199.64	0.0969
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	348954.15	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7906
 Sample Name : Lipomed 100
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 20

Date : 8/15/2023 1:01:03 PM
 Data Acquisition Time : 8/15/2023 12:56:20 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data020.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



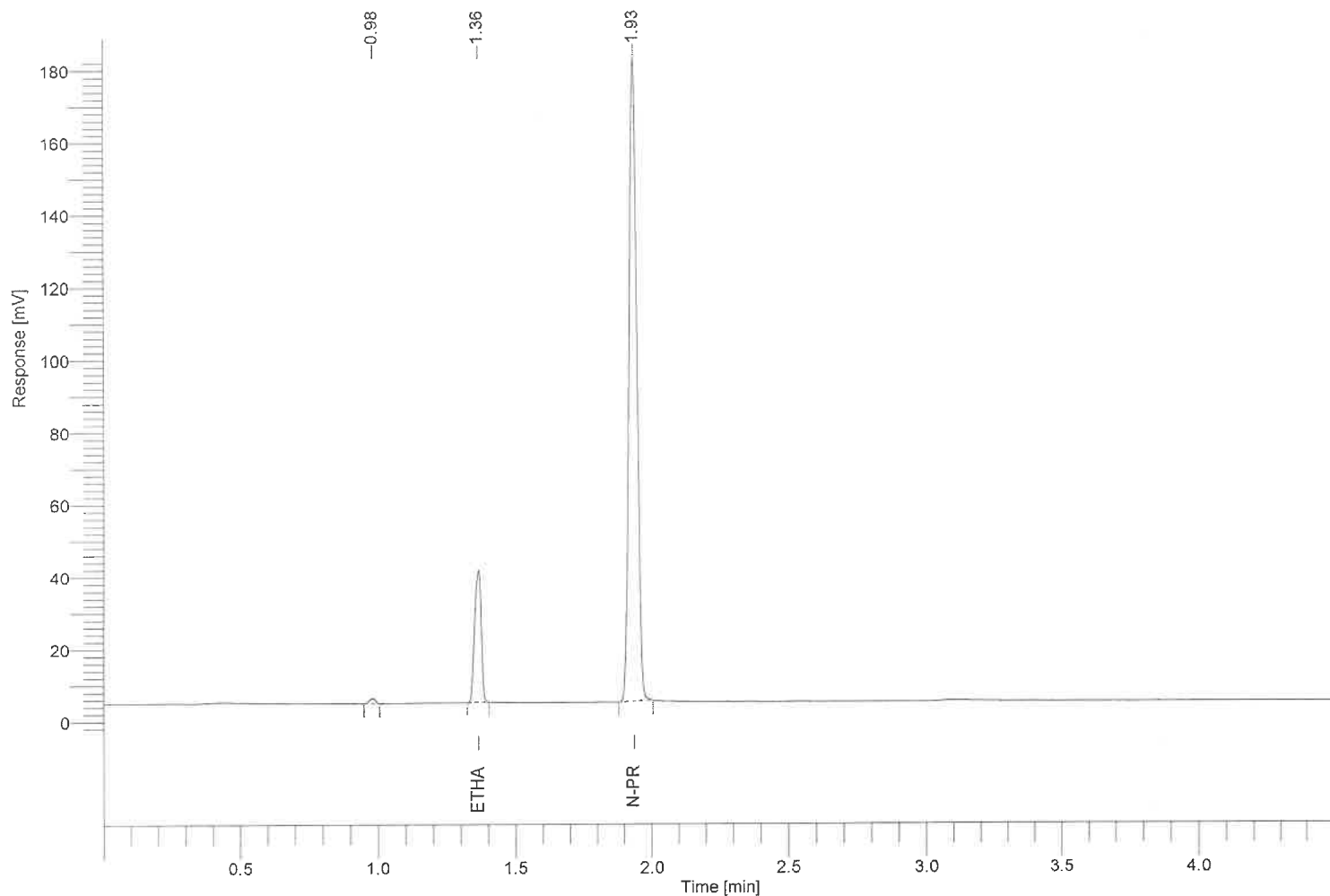
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	62070.23	0.0995
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	356160.84	-----

BL
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7907
Sample Name : 2310
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 21

Date : 8/15/2023 1:06:06 PM
Data Acquisition Time : 8/15/2023 1:01:23 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data021.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



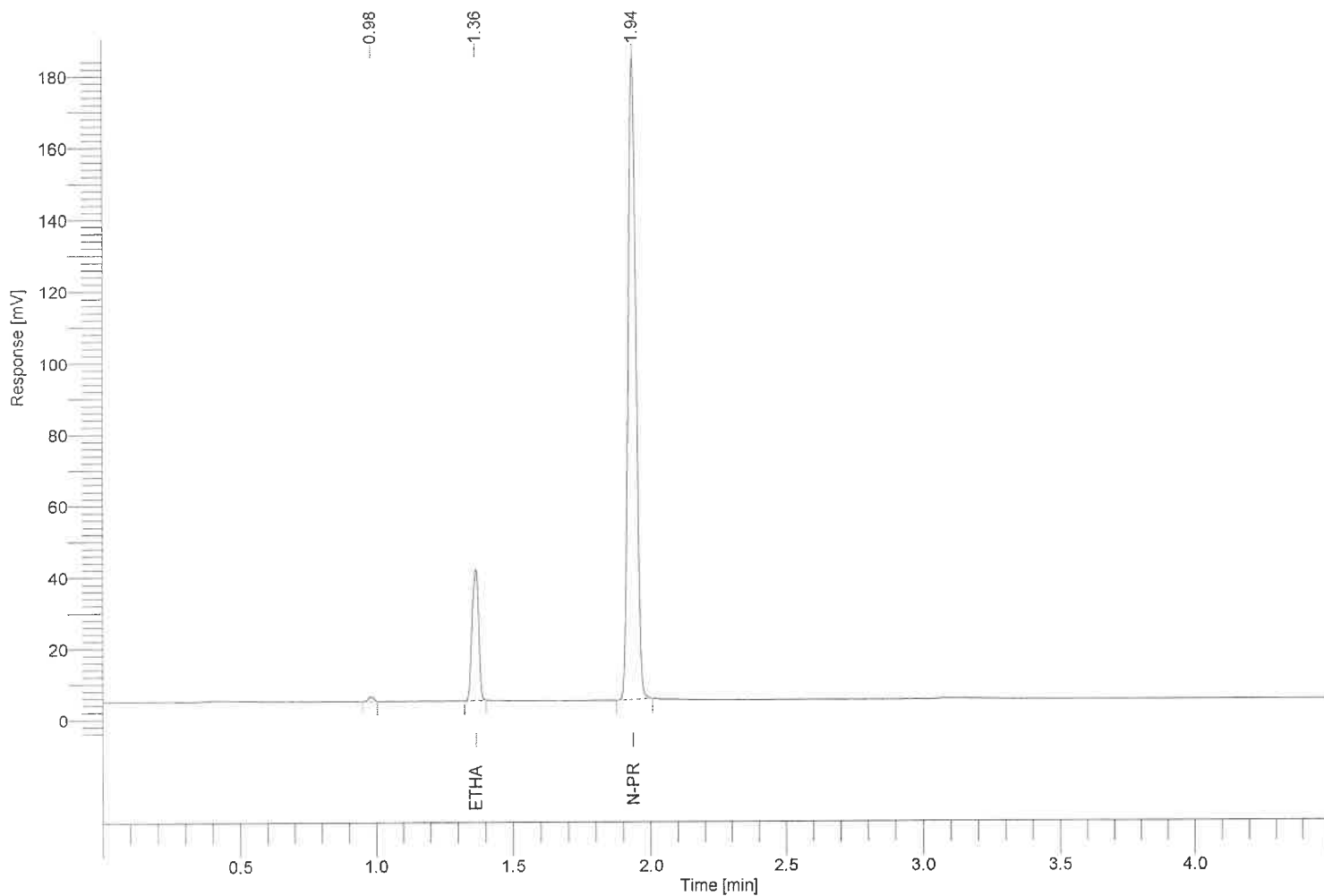
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	60046.92	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	354844.11	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7908
Sample Name : 2311
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 22

Date : 8/15/2023 1:11:09 PM
Data Acquisition Time : 8/15/2023 1:06:26 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data022.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



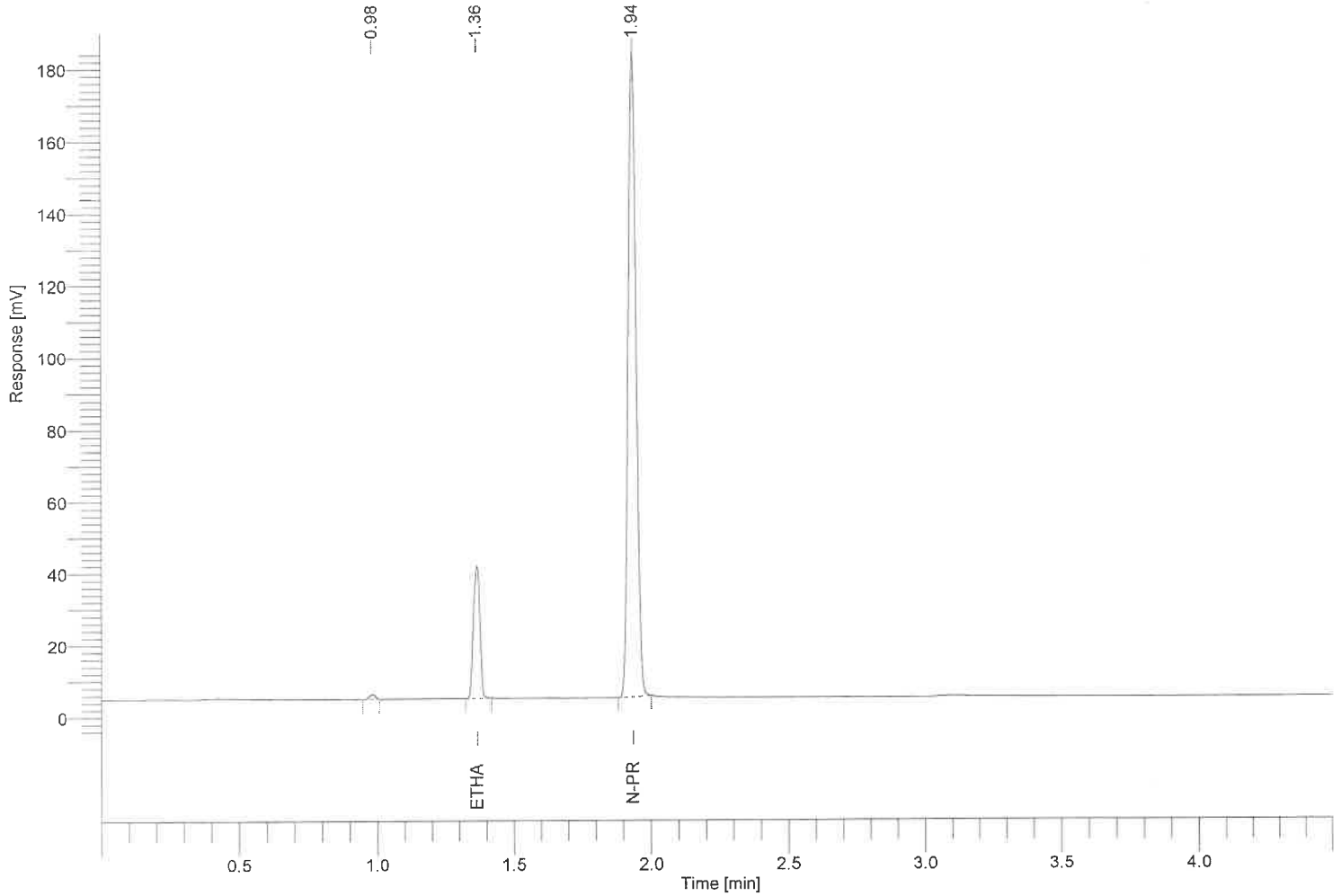
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	60418.95	0.0964
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	358188.27	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7909
 Sample Name : 2312
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 23

Date : 8/15/2023 1:16:12 PM
 Data Acquisition Time : 8/15/2023 1:11:29 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data023.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



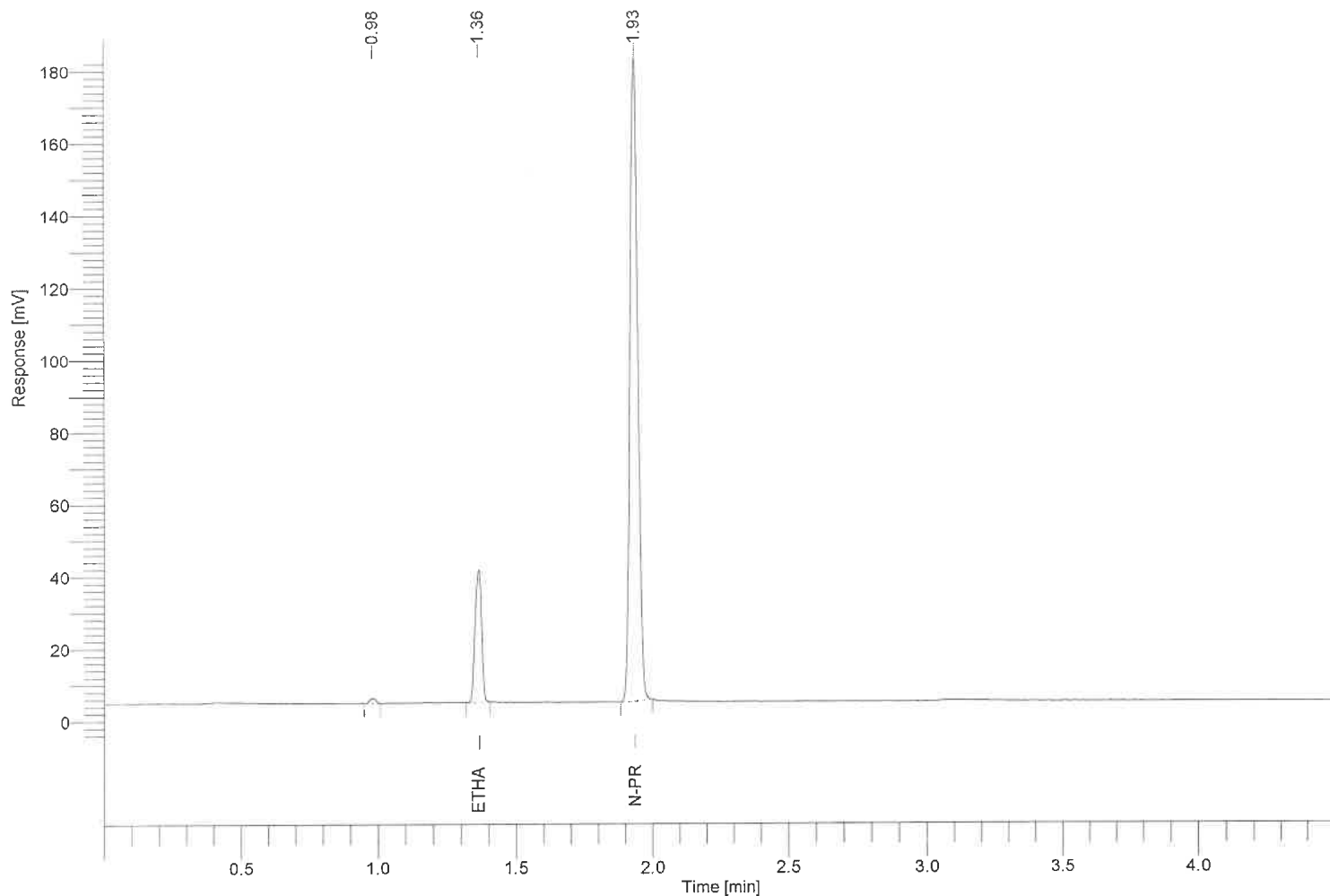
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	60840.45	0.0972
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	357480.99	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7910
Sample Name : 2313
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 24

Date : 8/15/2023 1:21:15 PM
Data Acquisition Time : 8/15/2023 1:16:32 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data024.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



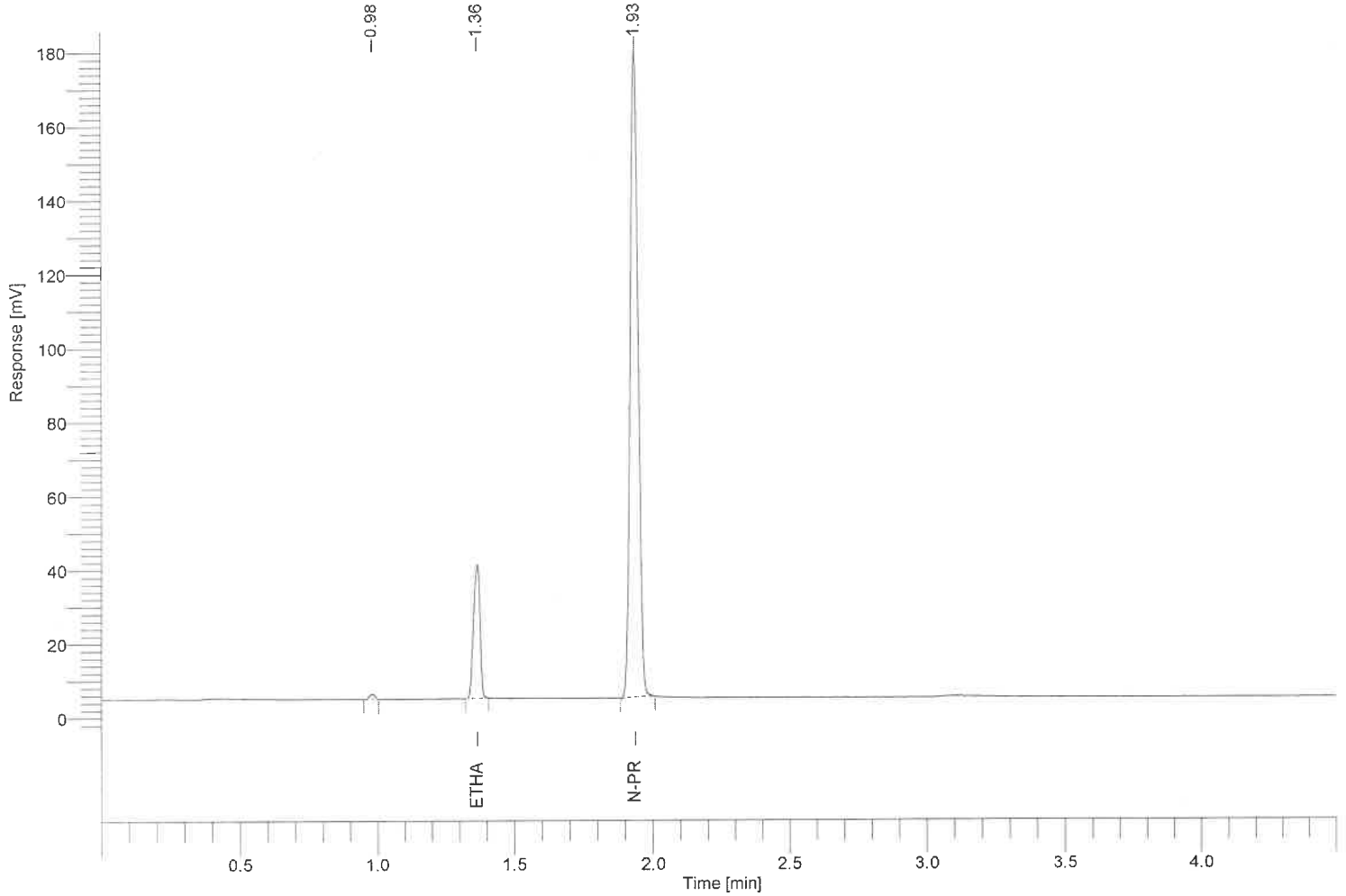
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	60519.19	0.0969
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	356687.59	-----

BK
8/16/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7911
 Sample Name : 2314
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 25

Date : 8/15/2023 1:26:18 PM
 Data Acquisition Time : 8/15/2023 1:21:35 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data025.rst
 Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	58955.95	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	348358.55	-----

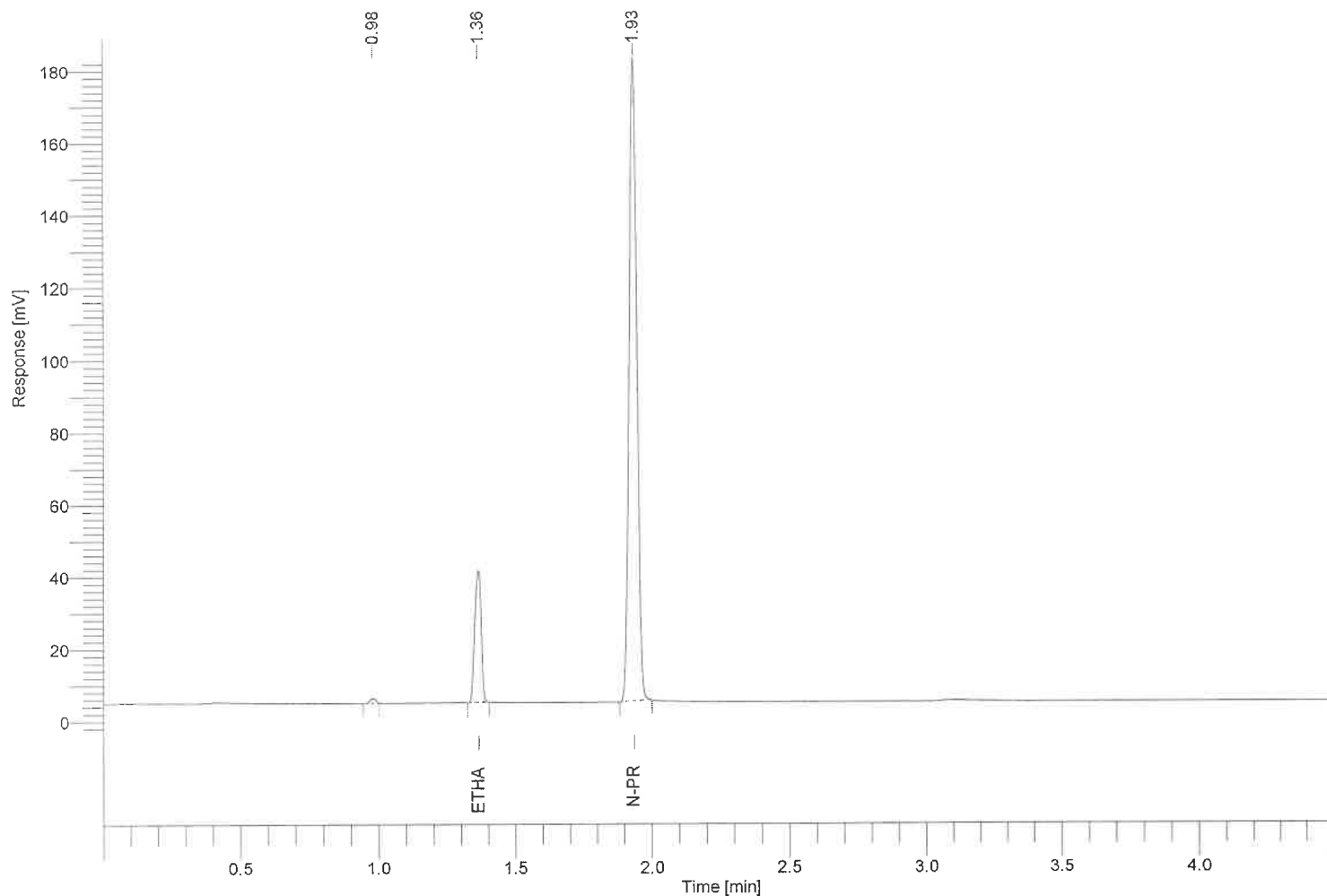
13K
 8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7912
Sample Name : 2315
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 26

Date : 8/15/2023 1:31:21 PM
Data Acquisition Time : 8/15/2023 1:26:38 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data026.rst

Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	59830.50	0.0965
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	354252.69	-----

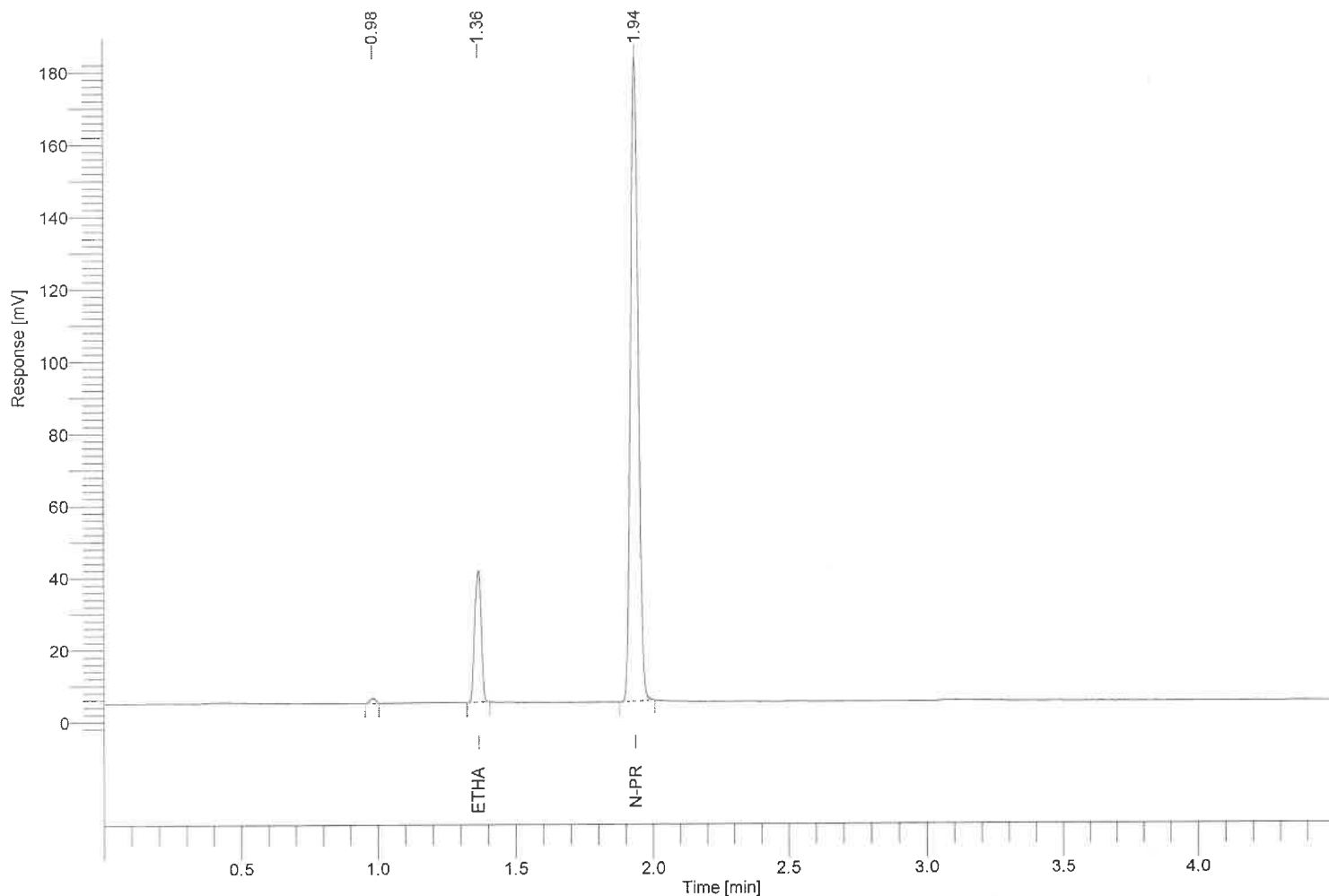
BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7913
Sample Name : 2316
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 27

Date : 8/15/2023 1:36:24 PM
Data Acquisition Time : 8/15/2023 1:31:41 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data027.rst

Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



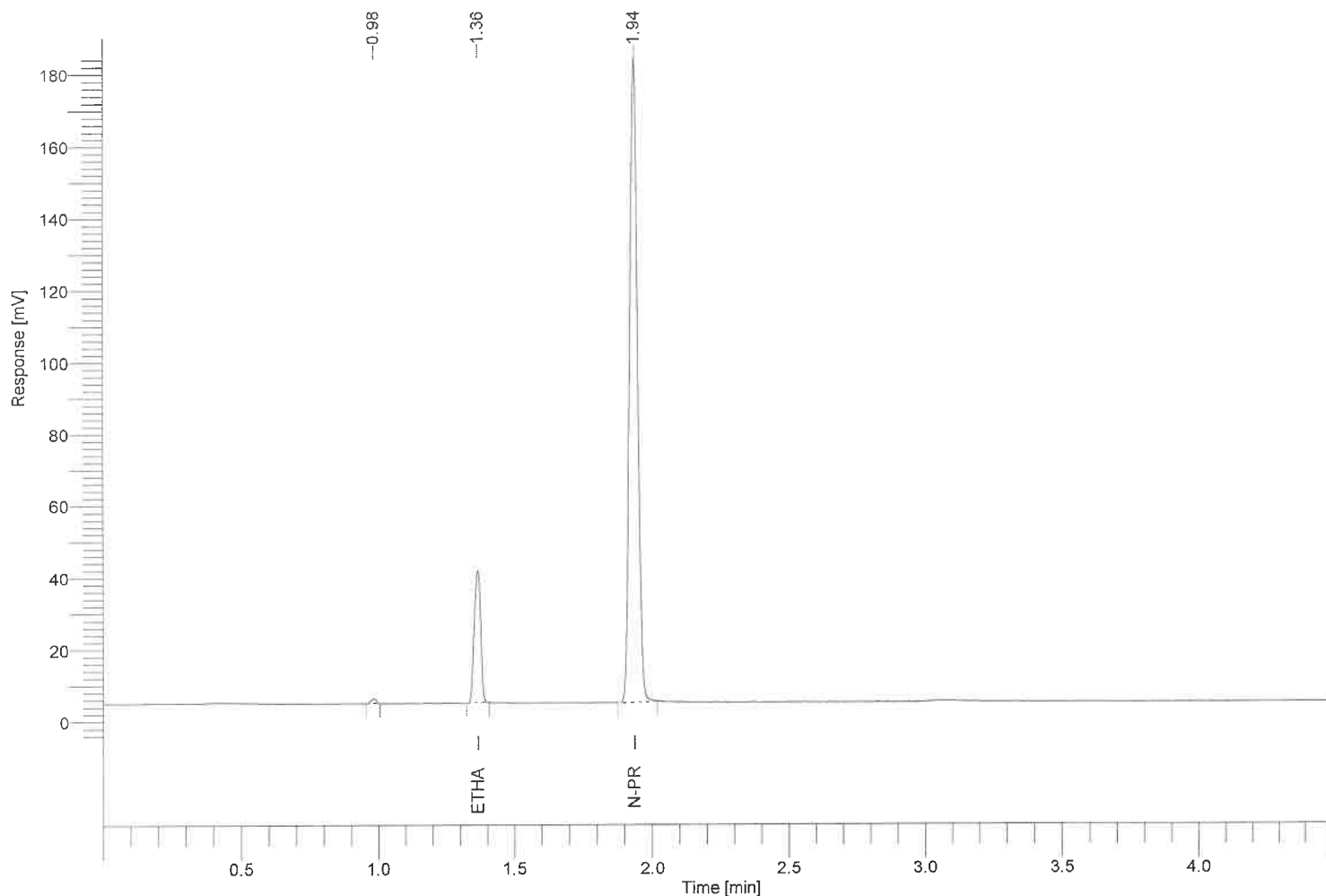
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	60076.59	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	355018.09	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7914
Sample Name : 2317
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 28

Date : 8/15/2023 1:41:26 PM
Data Acquisition Time : 8/15/2023 1:36:44 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data028.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	60448.29	0.0965
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	357916.87	-----

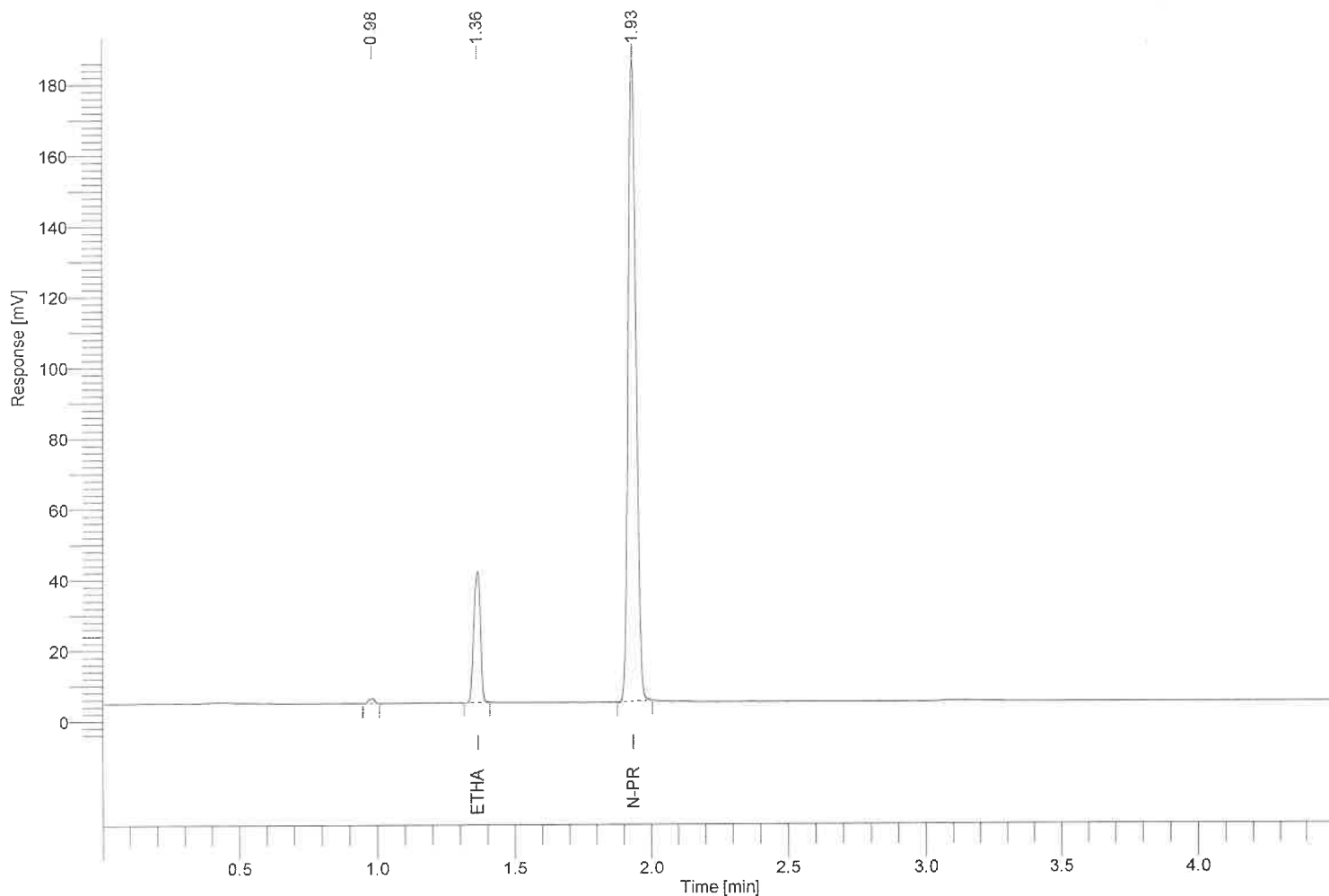
BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7915
Sample Name : 2318
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 29

Date : 8/15/2023 1:46:31 PM
Data Acquisition Time : 8/15/2023 1:41:47 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data029.rst

Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



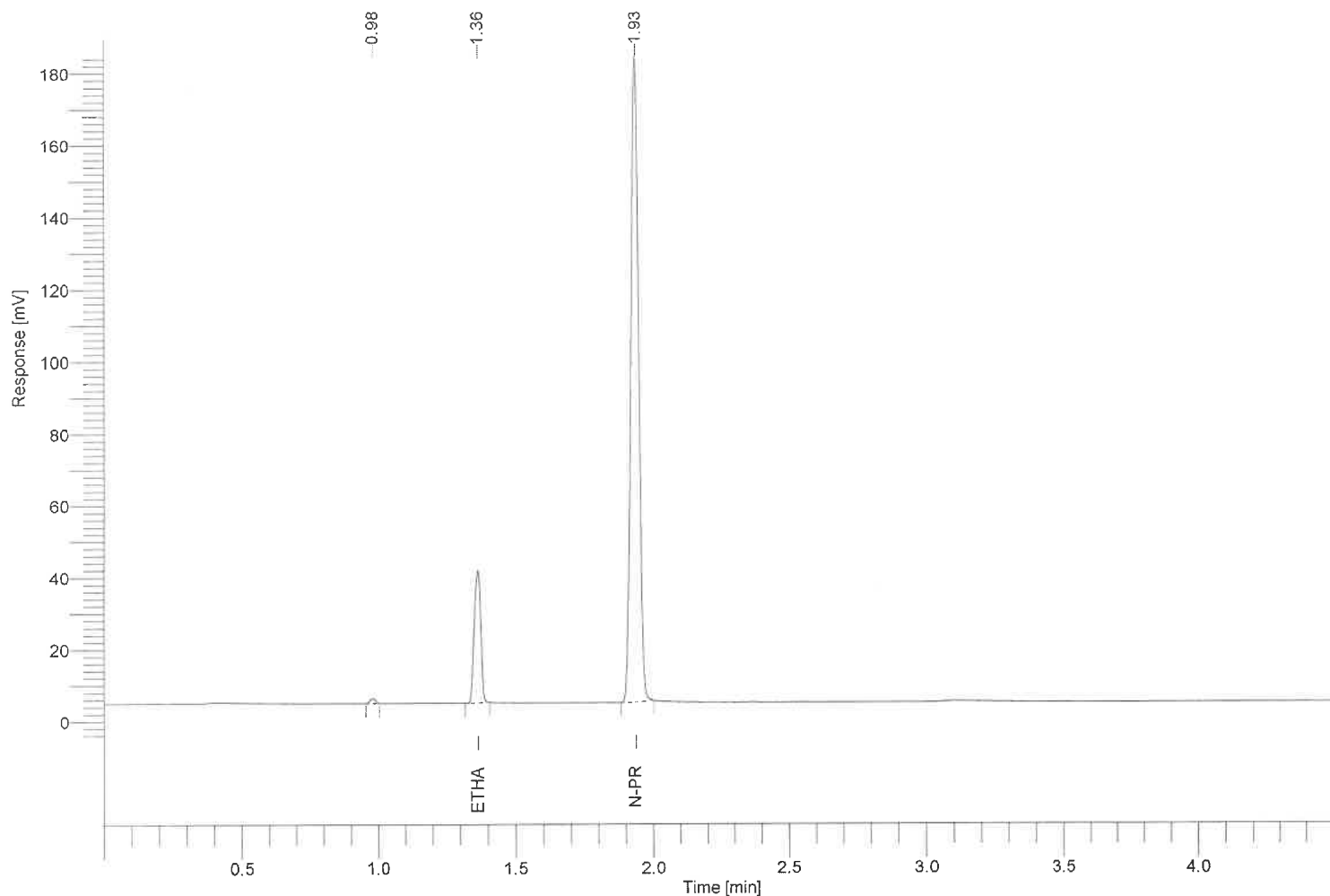
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	61924.54	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	366057.25	-----

13K
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7916
Sample Name : 2319
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 30

Date : 8/15/2023 1:51:34 PM
Data Acquisition Time : 8/15/2023 1:46:50 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data030.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



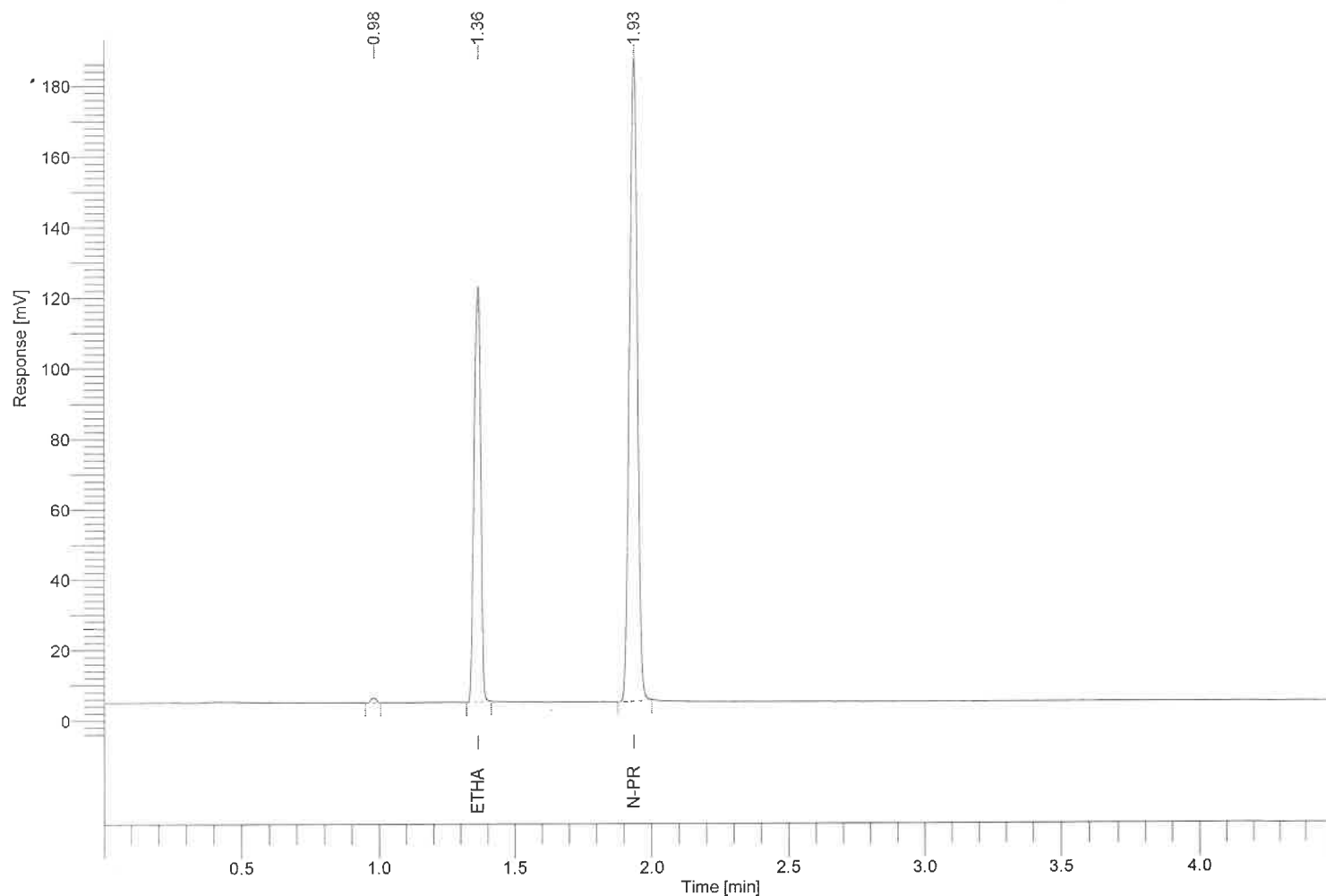
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	60537.41	0.0967
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	357650.94	-----

BK
8/16/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7917
Sample Name : Lipomed 300
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 31

Date : 8/15/2023 1:56:36 PM
Data Acquisition Time : 8/15/2023 1:51:52 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\2023 Data\08152023b\data031.rst
Sequence File : C:\Totalchrom Sequences\2023\08152023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	194729.94	0.2983
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.934	1.000	365679.30	-----

BK
8/16/23