

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	2250
10	2251
11	2252
12	2253
13	2254
14	2255
15	2256
16	2257
17	2258
18	2259
19	Lipomed 100
20	2250
21	2251
22	2252
23	2253
24	2254
25	2255
26	2256
27	2257
28	2258
29	2259
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.6 section 4	Feb-23

Reagents, Calibrators and Controls

Materials	Lot	Exp. Date
Internal Standard	063022 TG	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:	0.05 g/ 210 L
Lot #:	202303J
Manufacture Date:	3/28/2023
Expiration Date	3/28/2025

Operator: PV

Date: 5/5/2023

13K
5/9/23

Alcohol Analysis QC Summary

Report Date	5/5/2023
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Reviewer	Brett Kirkland
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BK 5/10/27

Run Summary Data				Ethanol			n-Propanol		
Run Date	Channel	Sample	Lot	RT	Area	Conc.	RT	Area	
5/5/2023	A	Volatiles Mix	052121 TG	1.364	24193.66	0.0409	1.936	203370.33	
5/5/2023	A	Blank	213960		0.00	0.0000	1.935	208297.94	
5/5/2023	A	CER 25	FN03122112	1.364	14773.79	0.0256	1.935	202979.79	
5/5/2023	A	CER 100	FN11172002	1.364	59857.96	0.1002	1.936	201115.65	
5/5/2023	A	CER 200	FN05101903	1.364	120536.75	0.1990	1.936	202294.60	
5/5/2023	A	CER 400	FN03052102	1.363	246703.96	0.4013	1.935	201911.57	
5/5/2023	A	Blank	213960		0.00	0.0000	1.935	205382.85	
5/5/2023	A	Lipomed 50	10072019-A	1.364	29612.25	0.0508	1.935	201535.01	
5/5/2023	A	2250	202303J	1.365	36634.19	0.0615	1.937	203780.06	
5/5/2023	A	2251	202303J	1.365	36228.49	0.0612	1.936	202579.72	
5/5/2023	A	2252	202303J	1.364	36594.84	0.0607	1.936	206321.88	
5/5/2023	A	2253	202303J	1.364	36362.65	0.0609	1.936	204341.41	
5/5/2023	A	2254	202303J	1.364	36184.12	0.0608	1.935	203732.73	
5/5/2023	A	2255	202303J	1.365	36194.97	0.0609	1.936	203381.69	
5/5/2023	A	2256	202303J	1.365	36201.74	0.0614	1.937	201704.84	
5/5/2023	A	2257	202303J	1.365	36400.32	0.0613	1.936	203022.83	
5/5/2023	A	2258	202303J	1.364	36274.91	0.0611	1.935	203191.89	
5/5/2023	A	2259	202303J	1.364	36716.60	0.0615	1.935	204175.71	
5/5/2023	A	Lipomed 100	14082019-A	1.364	60656.00	0.0995	1.936	204568.81	
5/5/2023	A	2250	202303J	1.365	36322.03	0.0603	1.936	206008.49	
5/5/2023	A	2251	202303J	1.364	35823.90	0.0608	1.936	201428.13	
5/5/2023	A	2252	202303J	1.364	36125.70	0.0606	1.936	203939.58	
5/5/2023	A	2253	202303J	1.364	35959.36	0.0609	1.936	202095.77	
5/5/2023	A	2254	202303J	1.364	35623.39	0.0607	1.936	200698.34	
5/5/2023	A	2255	202303J	1.365	36410.92	0.0612	1.936	203456.35	
5/5/2023	A	2256	202303J	1.364	36380.94	0.0607	1.936	205022.48	
5/5/2023	A	2257	202303J	1.364	36359.19	0.0607	1.936	204975.28	
5/5/2023	A	2258	202303J	1.363	36636.13	0.0605	1.935	207124.62	
5/5/2023	A	2259	202303J	1.365	37049.87	0.0607	1.937	208699.23	
5/5/2023	A	Lipomed 300	11092018-B	1.364	187598.01	0.2966	1.936	208299.99	

%CV = 1.06%

ALCOHOL ANALYSIS QC SUMMARY

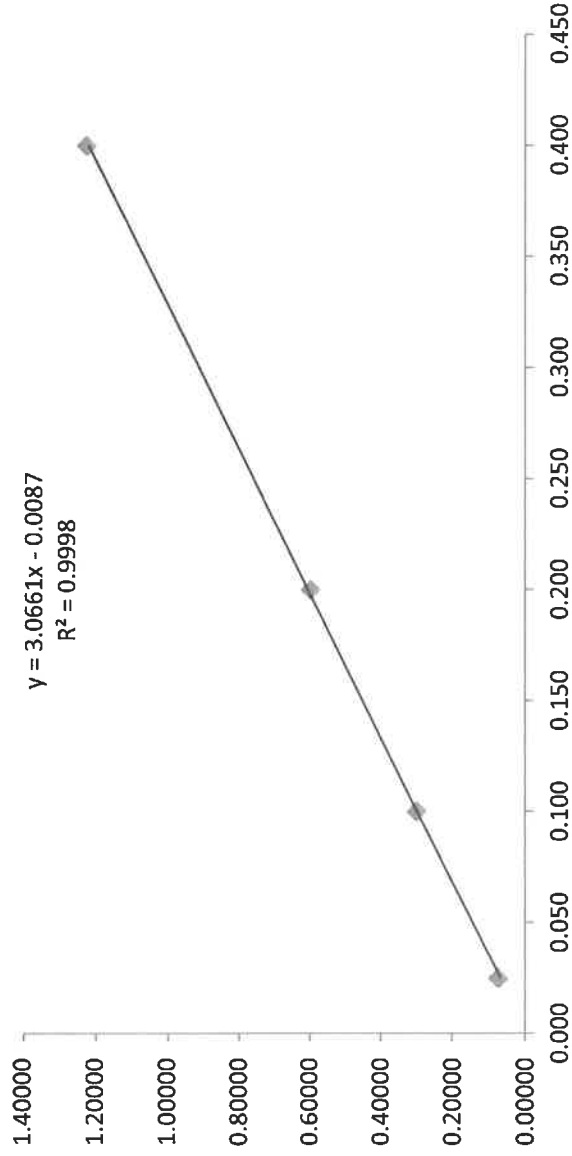
Report Date	5/5/2023
Reviewer	Brett Kirkland

BK 5/10/23

RUN SUMMARY DATA				Ethanol			n-Propanol	
Run Date	Channel	Sample	Lot	RT	Area	Conc.	RT	Area
5/5/2023	A	CER 25	FN03122112	1.364	14773.79	0.0256	1.935	202979.79
5/5/2023	A	CER 100	FN11172002	1.364	59857.96	0.1002	1.936	201115.65
5/5/2023	A	CER 200	FN05101903	1.364	120536.75	0.1990	1.936	202294.60
5/5/2023	A	CER 400	FN03052102	1.363	246703.96	0.4013	1.935	201911.57

Summary		Standard	g/dL	Ratio	Calc.	Diff
Slope		Blank	0.000	0.00000	0.00000	0.00000
	3.0661	CER 25	0.025	0.07278	0.02658	0.00158
	-0.0087	CER 100	0.100	0.29763	0.09991	-0.00009
Standard Error	0.007598061	CER 200	0.200	0.59585	0.19717	-0.00283
	0.9998	CER 400	0.400	1.22184	0.40134	0.00134

Analytical Curve



Source:	Alcohol Countermeasure Systems, Inc.
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Lot	202303J
Level	0.05 g/ 210 L
Manufacture Date	3/28/2023
Expiration Date	3/28/2025

Bottle	Result (g/100mL)
2250	0.0615
	0.0603
2251	0.0612
	0.0608
2252	0.0607
	0.0606
2253	0.0609
	0.0609
2254	0.0608
	0.0607
2255	0.0609
	0.0612
2256	0.0614
	0.0607
2257	0.0613
	0.0607
2258	0.0611
	0.0605
2259	0.0615
	0.0607

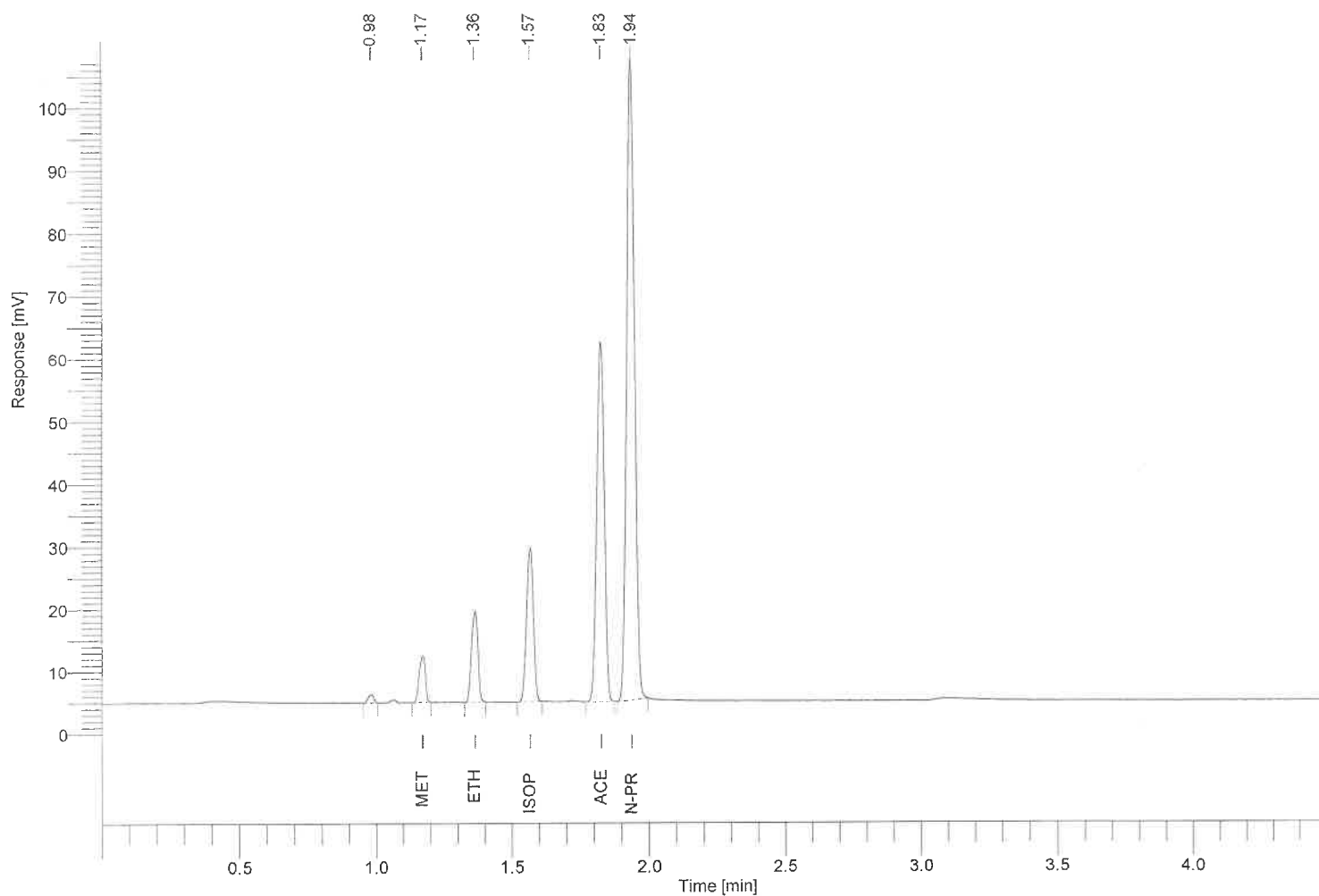
Mean	0.0609
Std. Dev.	0.0003
Min	0.0603
Max	0.0615

131
5/10/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7599
Sample Name : Volatiles Mix
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 2

Date : 5/5/2023 11:39:32 AM
Data Acquisition Time : 5/5/2023 11:34:50 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data002-20230505-113931.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



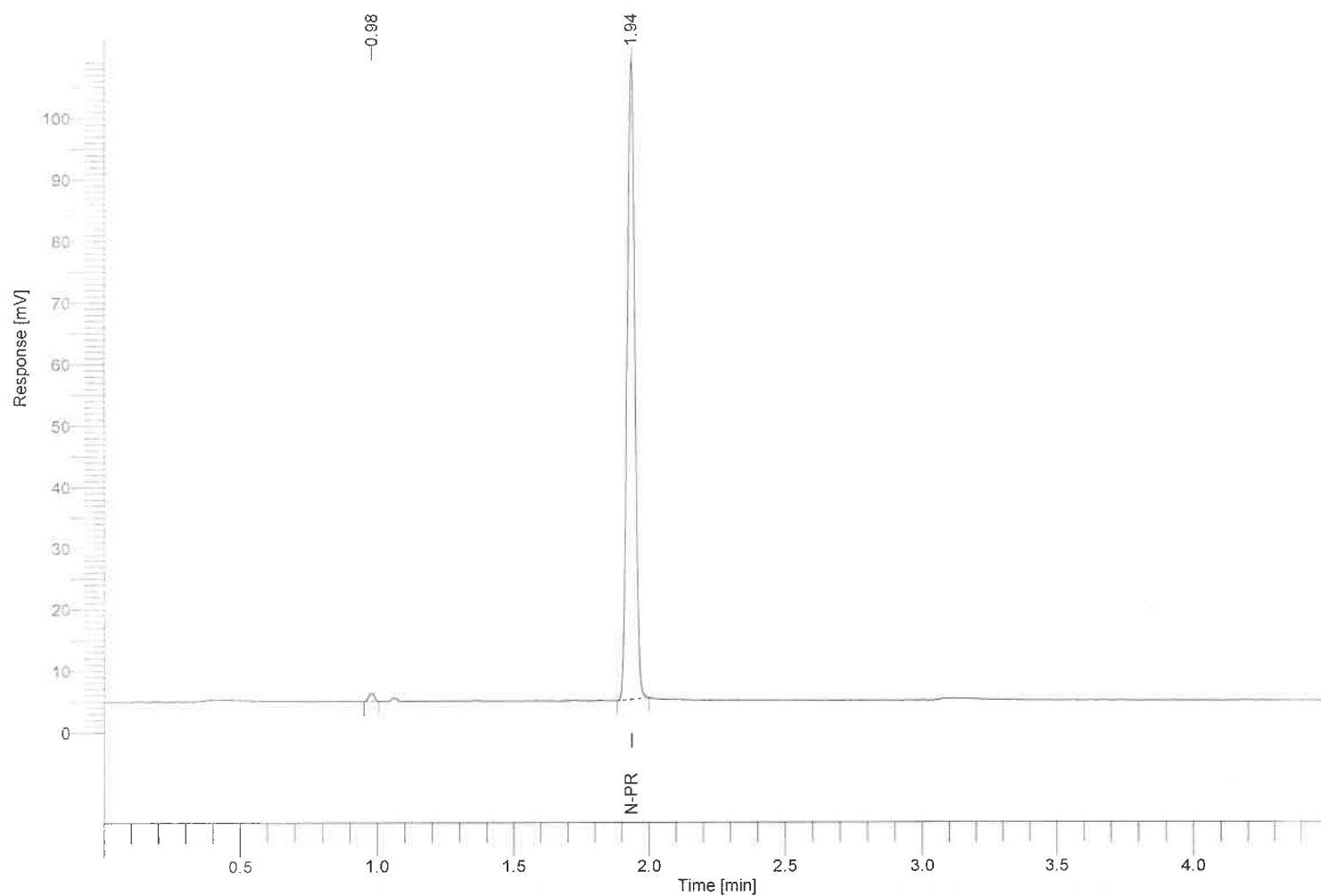
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.171	0.605	12040.88	0.0400
ethanol	1.364	0.705	24193.66	0.0409
isopropanol	1.567	0.809	44423.68	0.0400
acetone	1.826	0.943	109641.15	0.0400
n-propanol	1.936	1.000	203370.33	-----

15K
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7600
Sample Name : Blank 1
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 3

Date : 5/5/2023 11:44:35 AM
Data Acquisition Time : 5/5/2023 11:39:53 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data003-20230505-114435.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



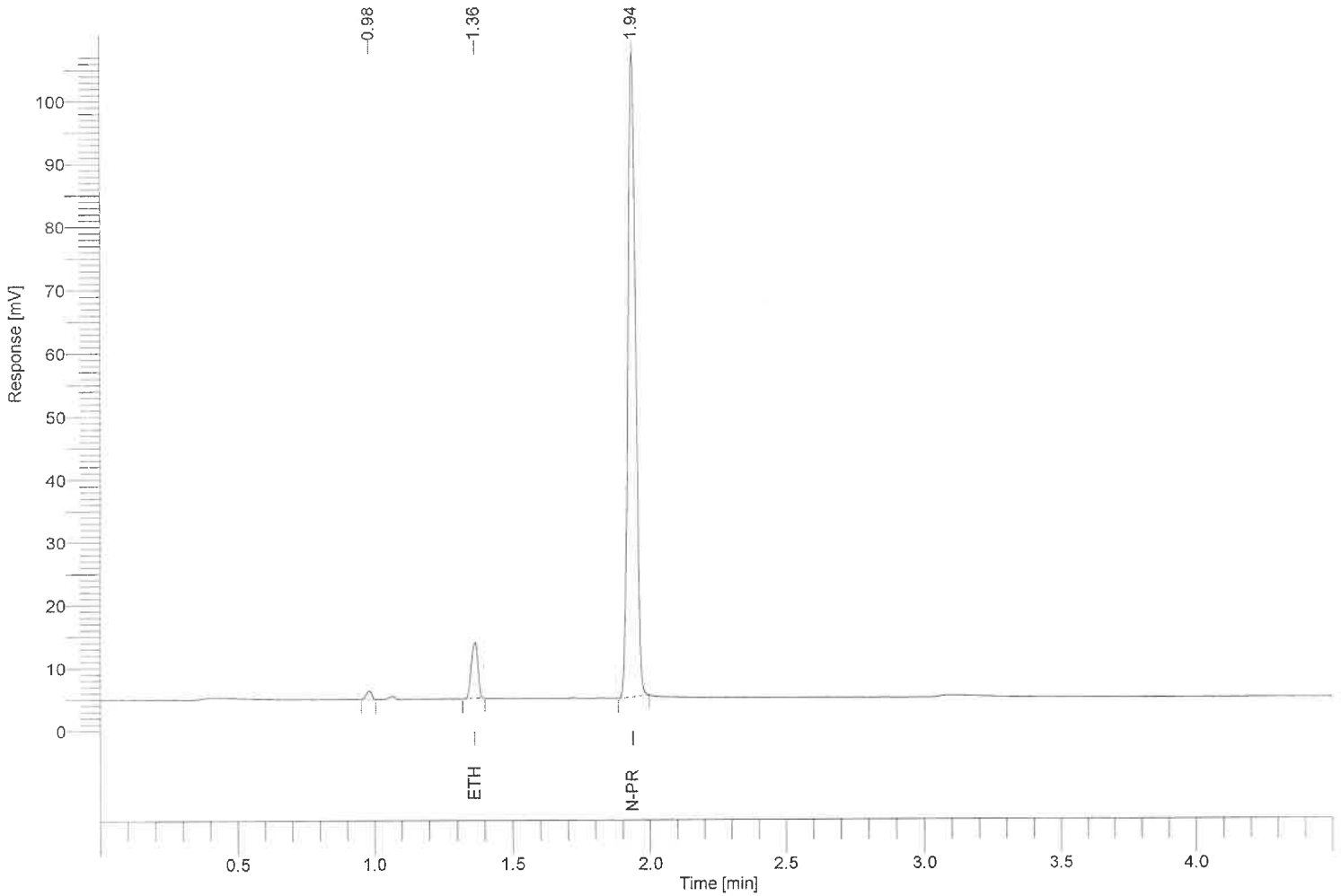
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.361	-----	0.00	0.0000
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	208297.94	-----

BK
5/4/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7601
 Sample Name : Cerilliant 25
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 4

Date : 5/5/2023 11:49:40 AM
 Data Acquisition Time : 5/5/2023 11:44:56 AM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data004-20230505-114940.rst
 Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



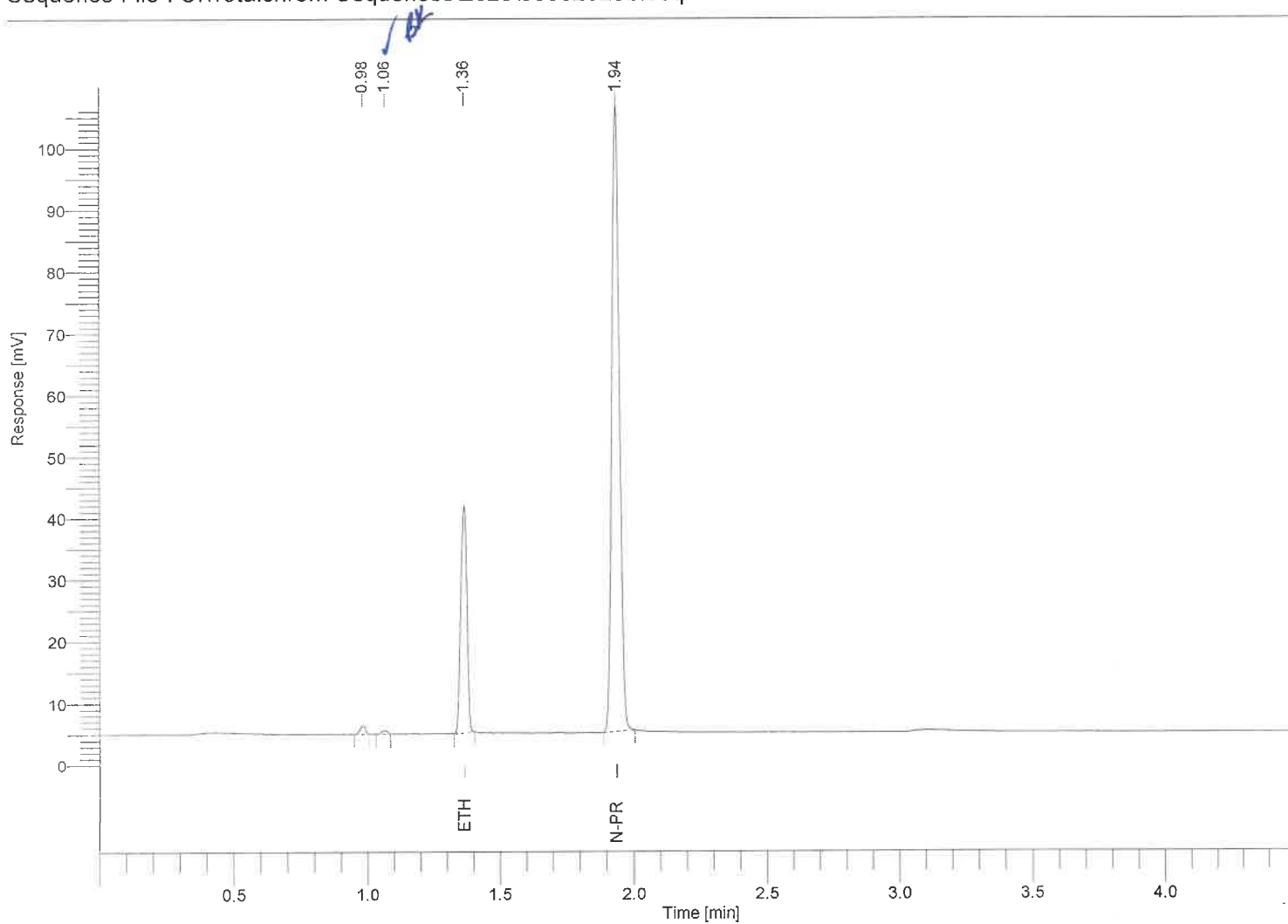
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	14773.79	0.0256
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	202979.79	-----

13K
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7602
Sample Name : Cerilliant 100
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 5

Date : 5/5/2023 11:54:42 AM
Data Acquisition Time : 5/5/2023 11:49:59 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data005-20230505-115442.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



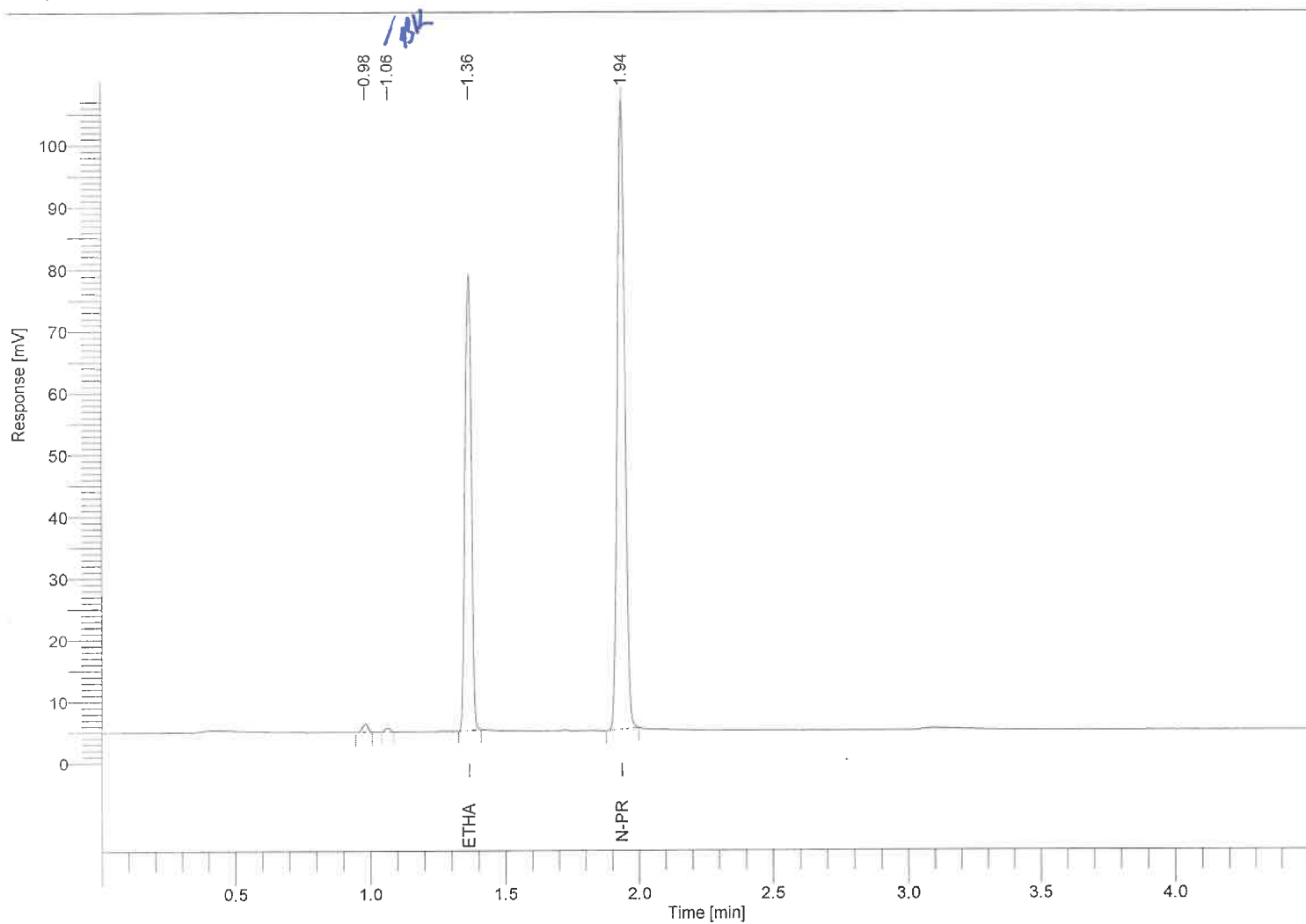
Component Name	Time [min]	.RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	59857.96	0.1002
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	201115.65	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7603
Sample Name : Cerilliant 200
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 6

Date : 5/5/2023 11:59:45 AM
Data Acquisition Time : 5/5/2023 11:55:02 AM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data006-20230505-115944.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



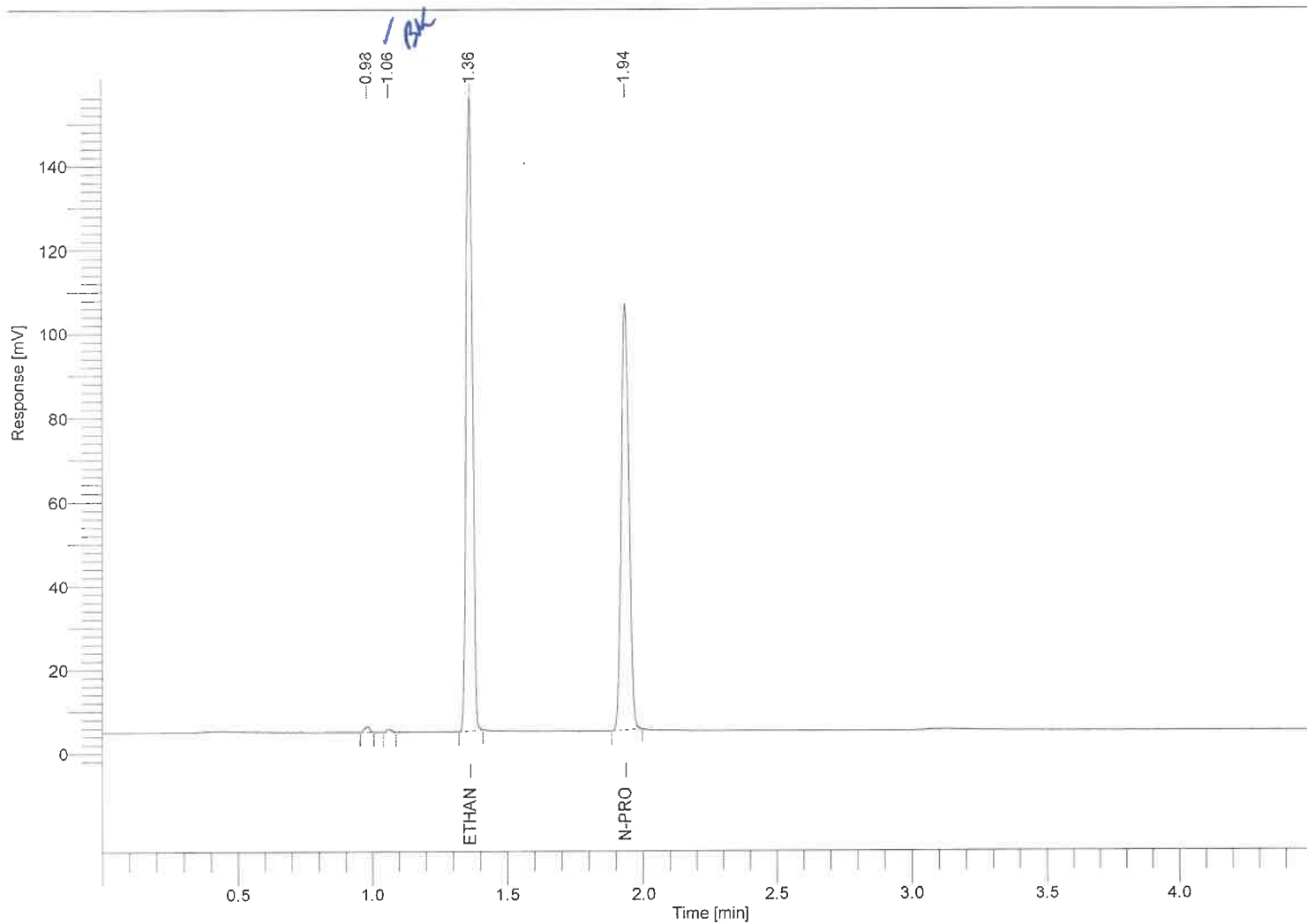
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	120536.75	0.1990
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	202294.60	-----

BK
5/9/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7604
 Sample Name : Cerilliant 400
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 7

Date : 5/5/2023 12:04:48 PM
 Data Acquisition Time : 5/5/2023 12:00:05 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data007-20230505-120447.rst
 Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



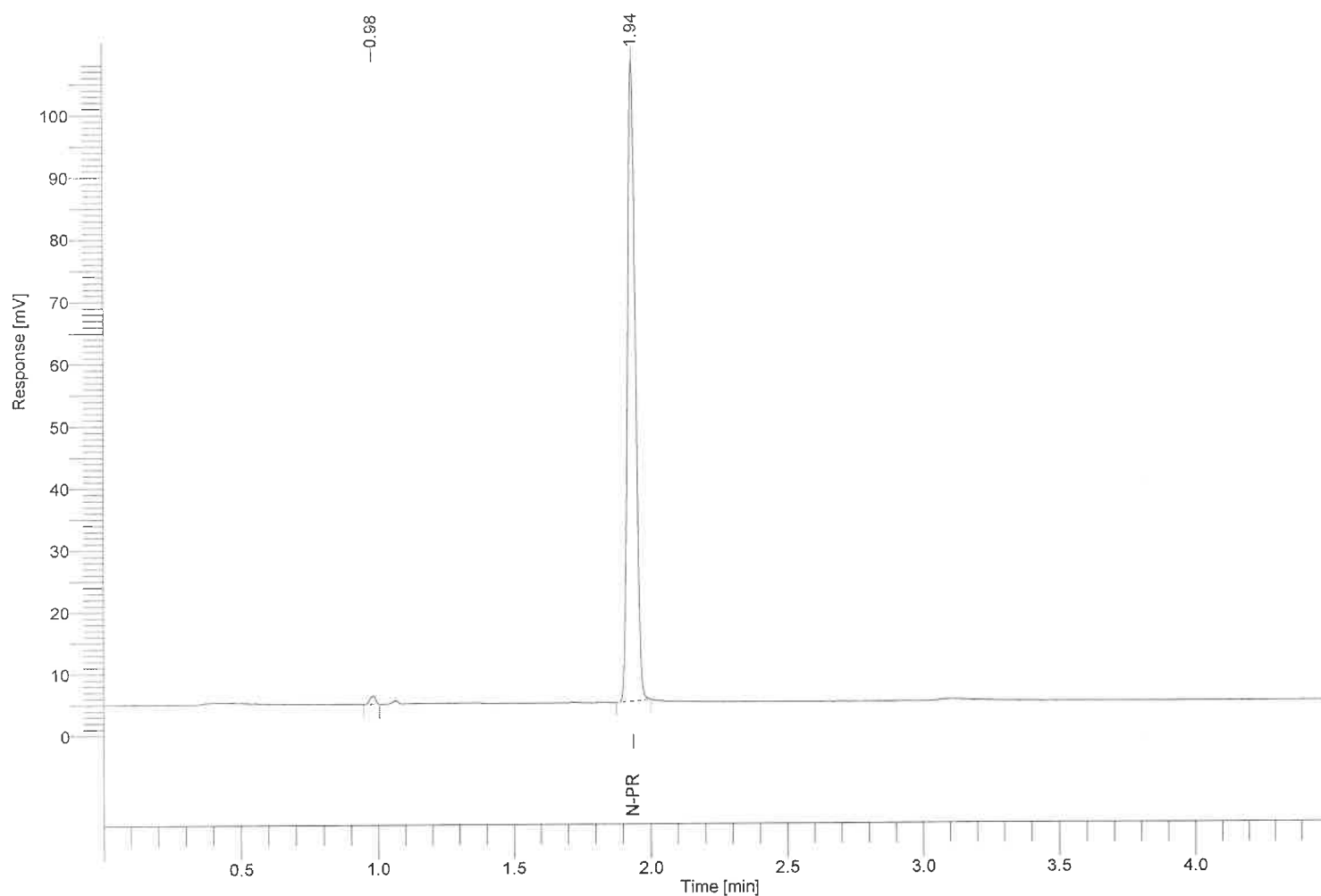
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.704	246703.96	0.4013
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	201911.57	-----

Handwritten: BK 5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7605
Sample Name : Blank
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 8

Date : 5/5/2023 12:09:51 PM
Data Acquisition Time : 5/5/2023 12:05:08 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data008-20230505-120951.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



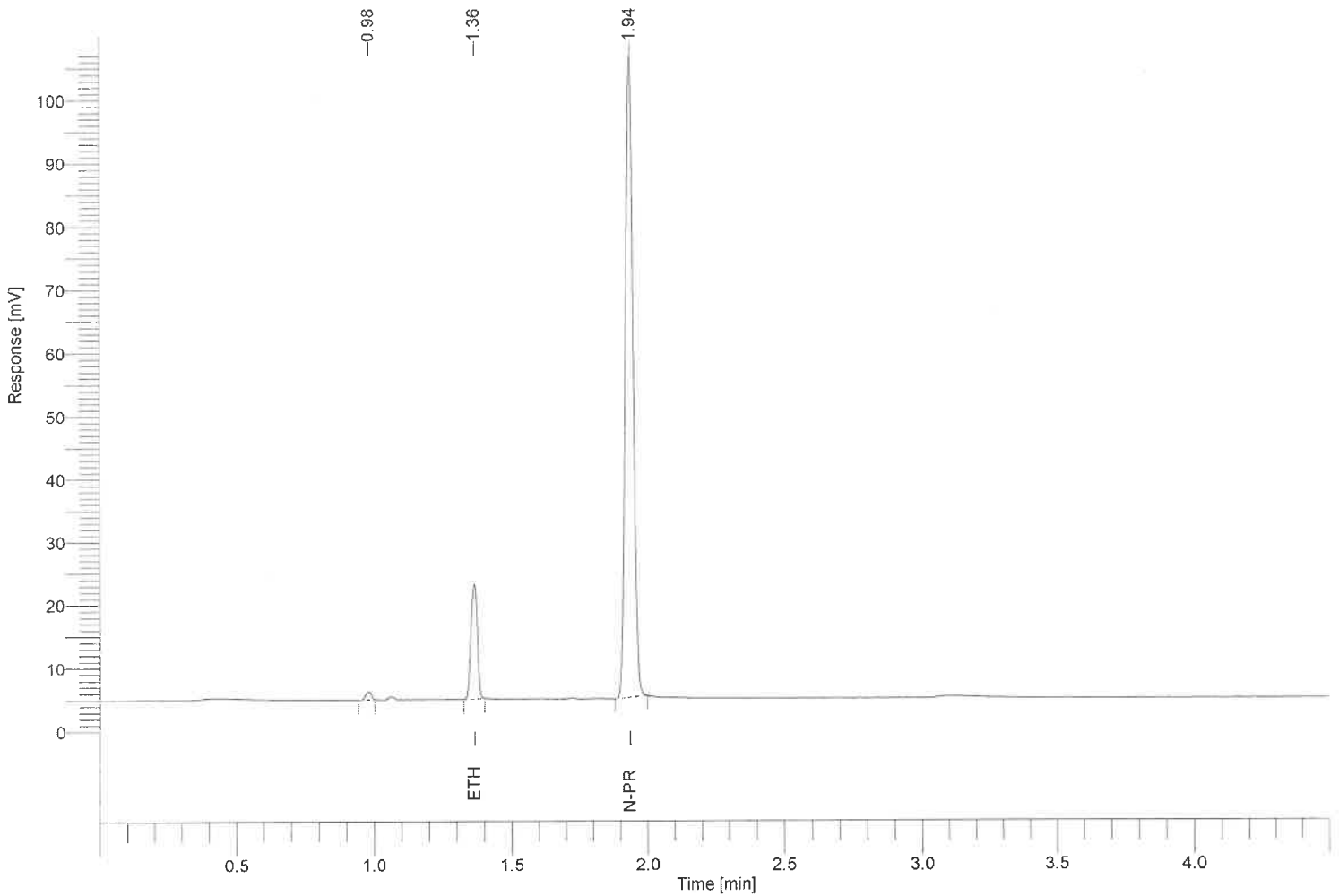
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.361	-----	0.00	0.0000
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	205382.85	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7606
Sample Name : Lipomed 50
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 9

Date : 5/5/2023 12:14:54 PM
Data Acquisition Time : 5/5/2023 12:10:11 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data009-20230505-121453.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



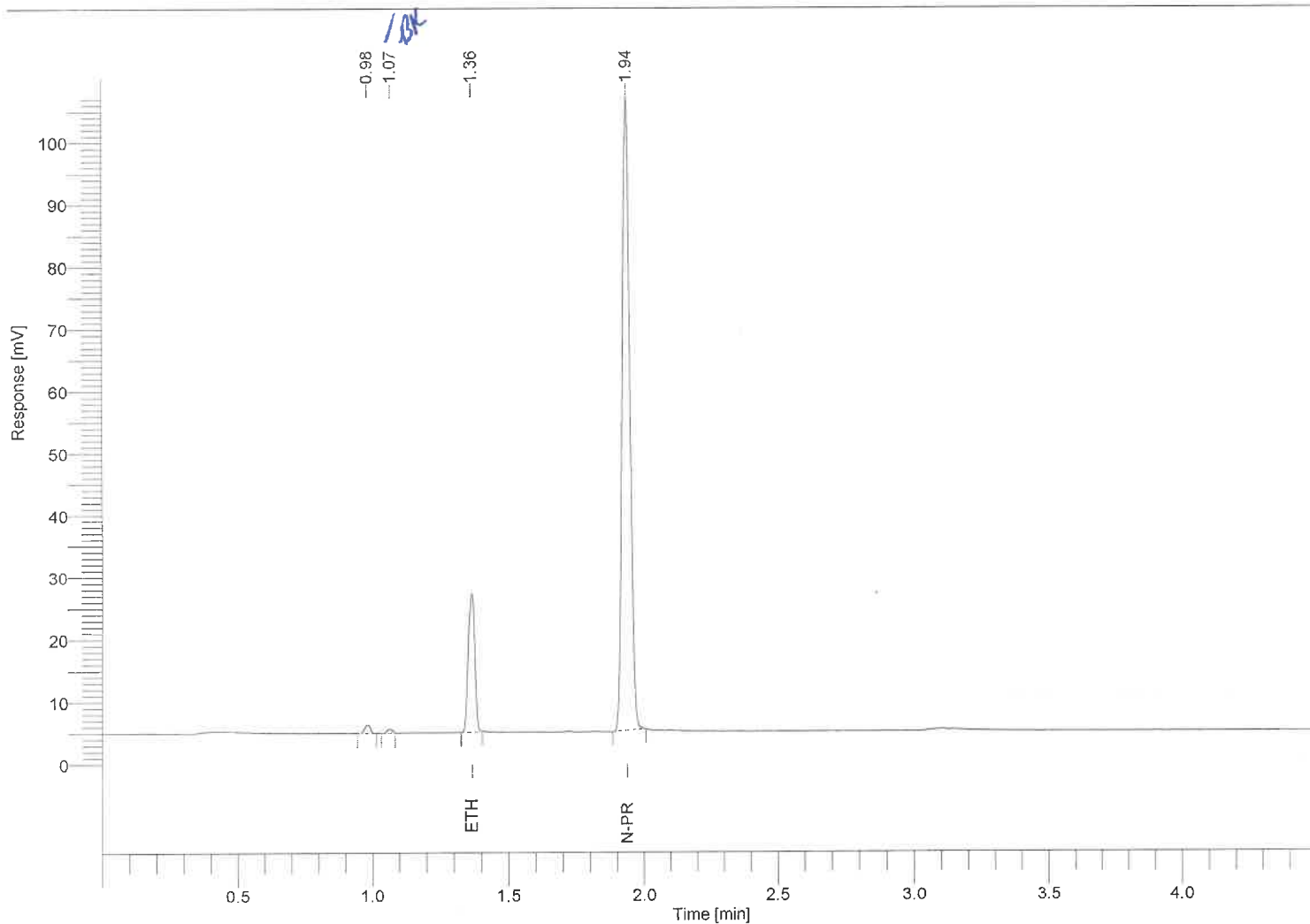
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	29612.25	0.0508
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	201535.01	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7607
Sample Name : 2250
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 10

Date : 5/5/2023 12:19:57 PM
Data Acquisition Time : 5/5/2023 12:15:13 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data010-20230505-121957.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



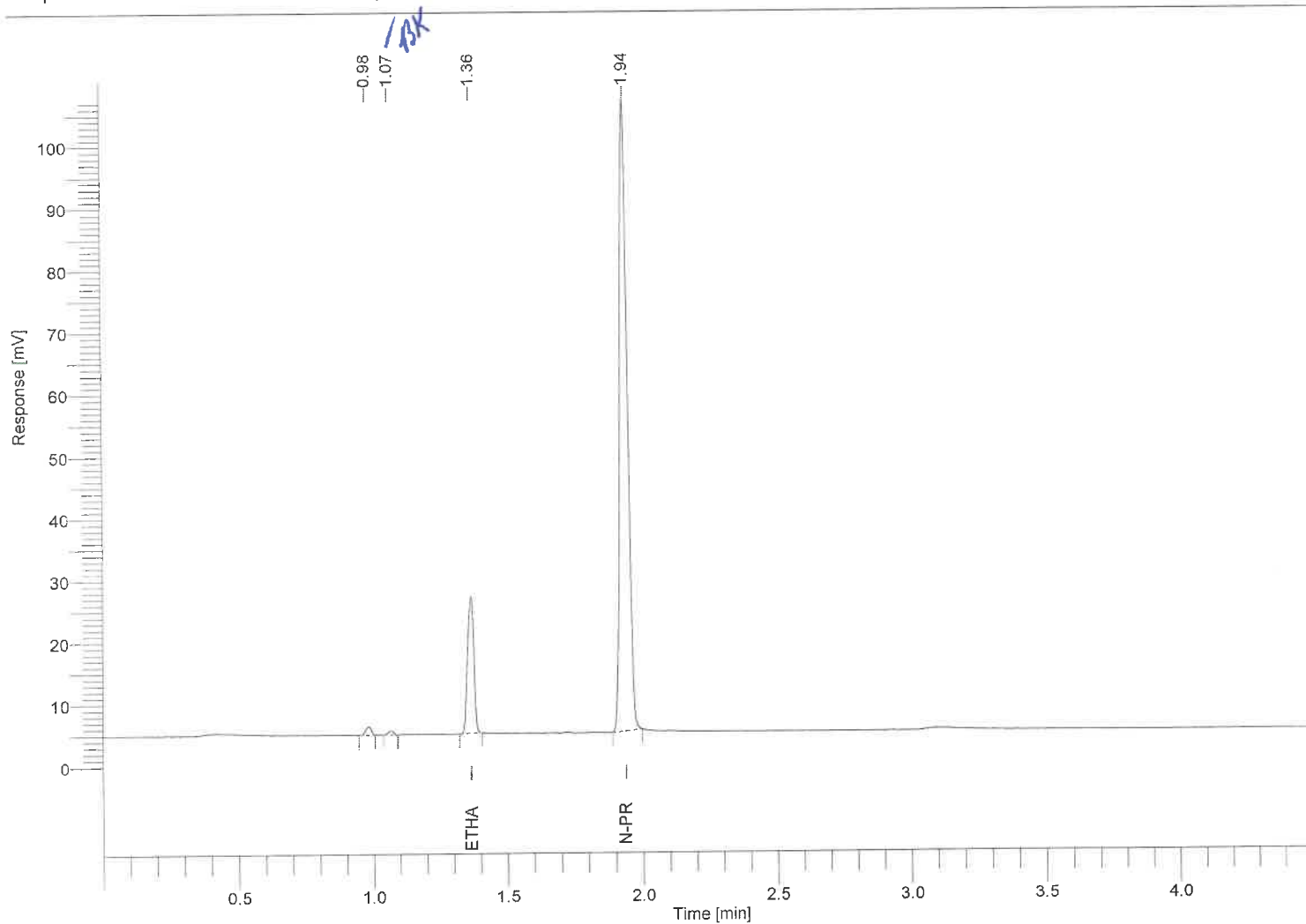
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36634.19	0.0615
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.937	1.000	203780.06	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7608
Sample Name : 2251
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 11

Date : 5/5/2023 12:25:00 PM
Data Acquisition Time : 5/5/2023 12:20:16 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data011-20230505-122500.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



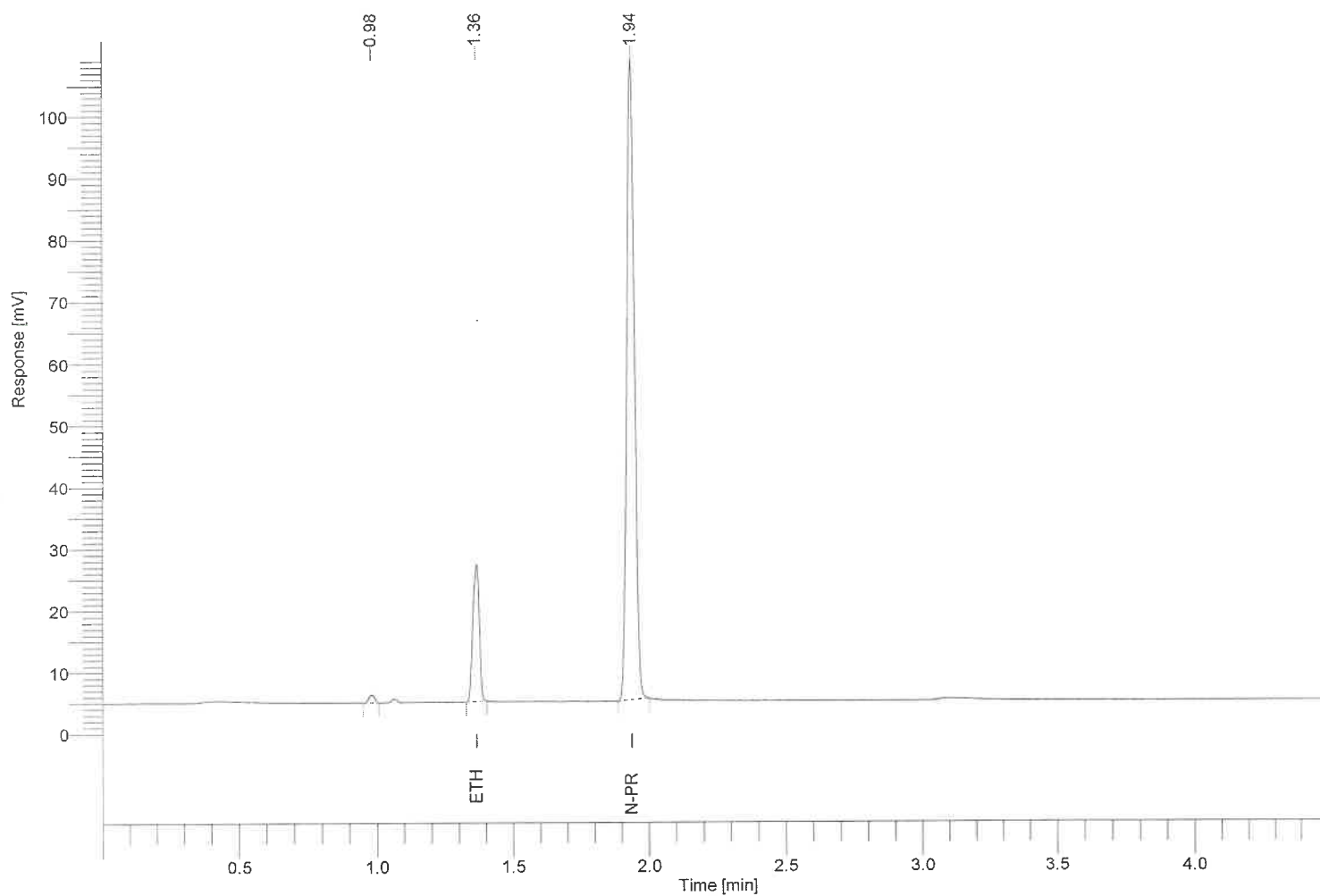
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36228.49	0.0612
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	202579.72	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7609
Sample Name : 2252
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 12

Date : 5/5/2023 12:30:02 PM
Data Acquisition Time : 5/5/2023 12:25:19 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data012-20230505-123002.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



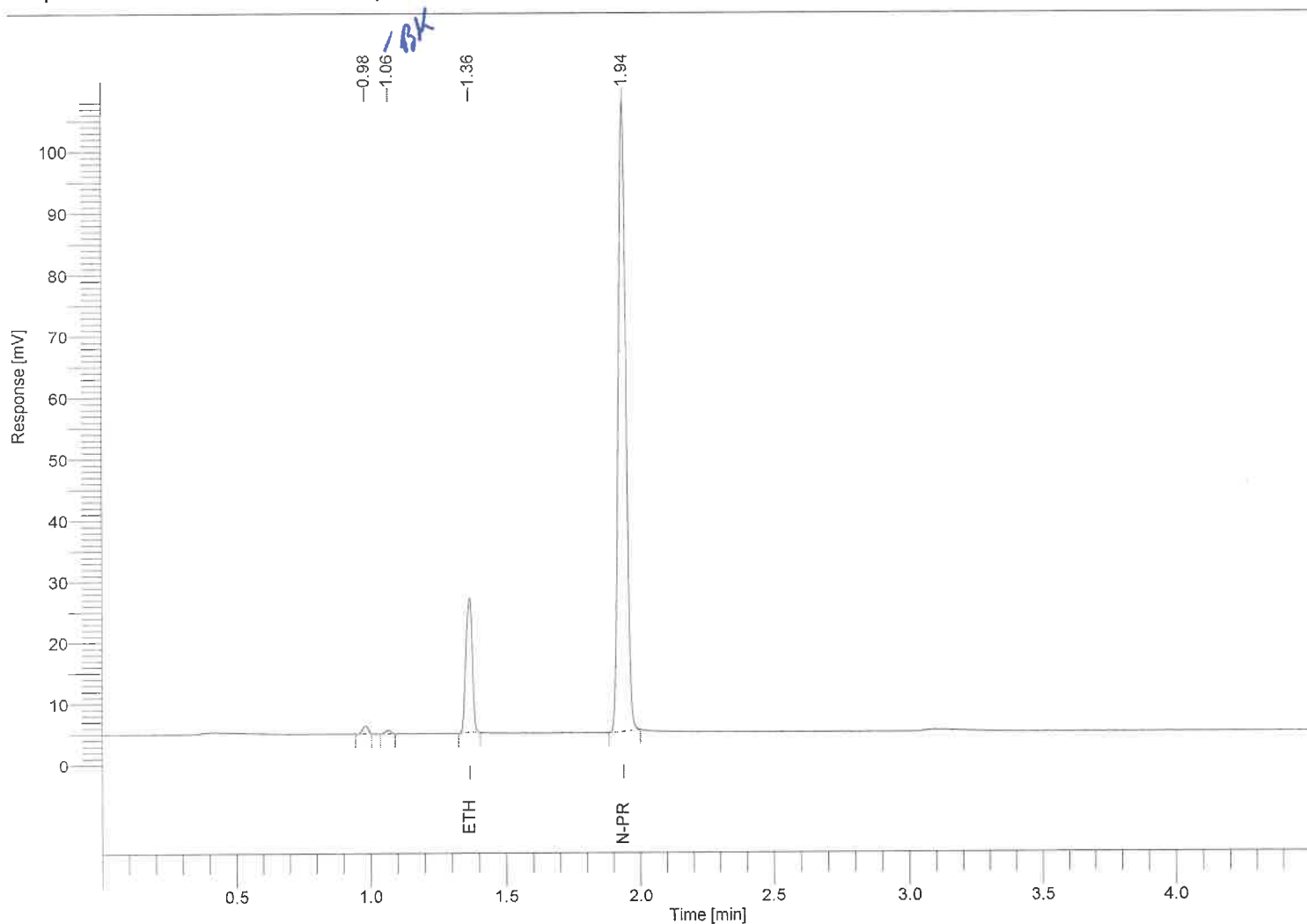
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36594.84	0.0607
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	206321.88	-----

BK
5/5/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7610
Sample Name : 2253
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 13

Date : 5/5/2023 12:35:06 PM
Data Acquisition Time : 5/5/2023 12:30:22 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data013-20230505-123506.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



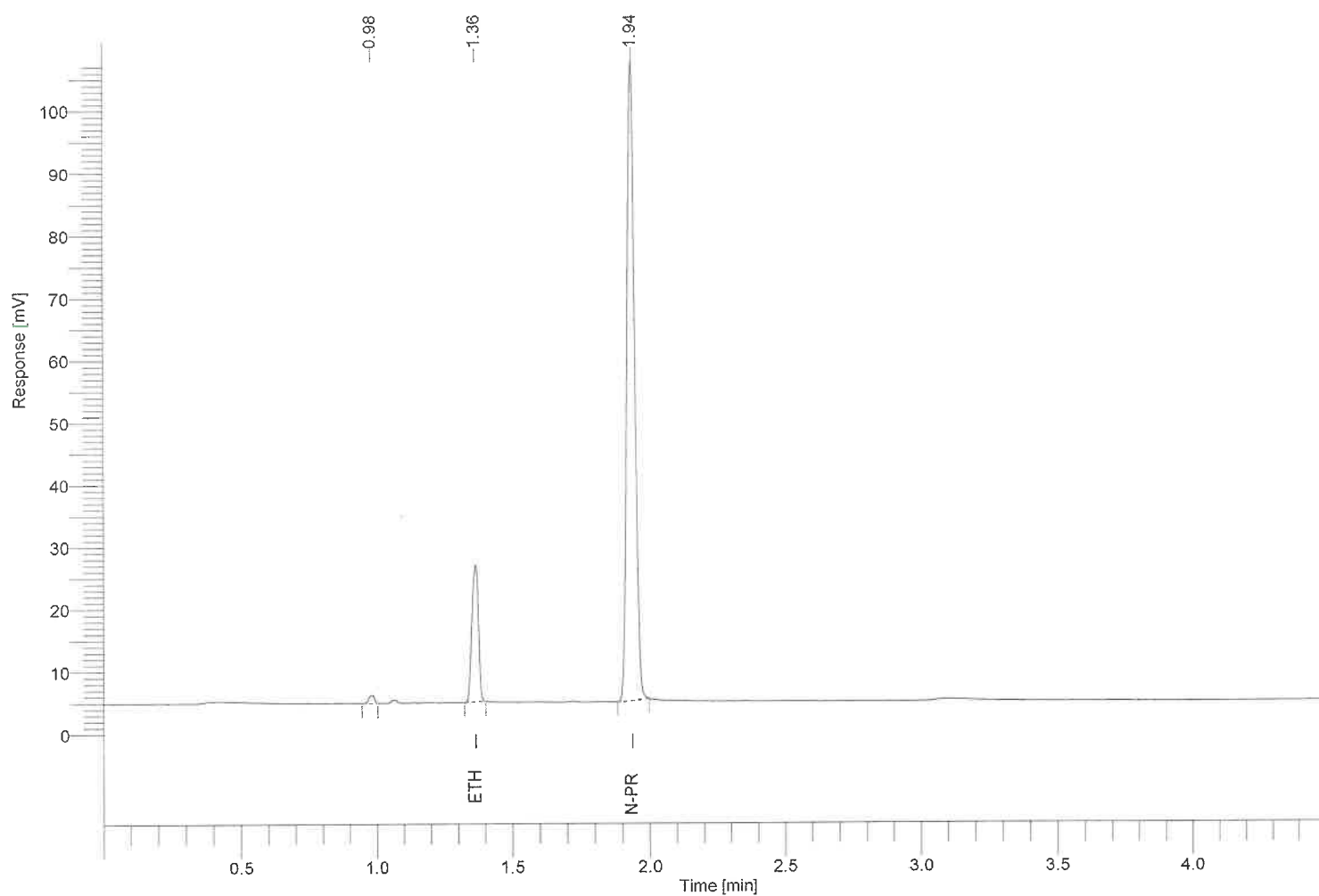
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36362.65	0.0609
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	204341.41	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7611
Sample Name : 2254
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 14

Date : 5/5/2023 12:40:08 PM
Data Acquisition Time : 5/5/2023 12:35:25 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data014-20230505-124008.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



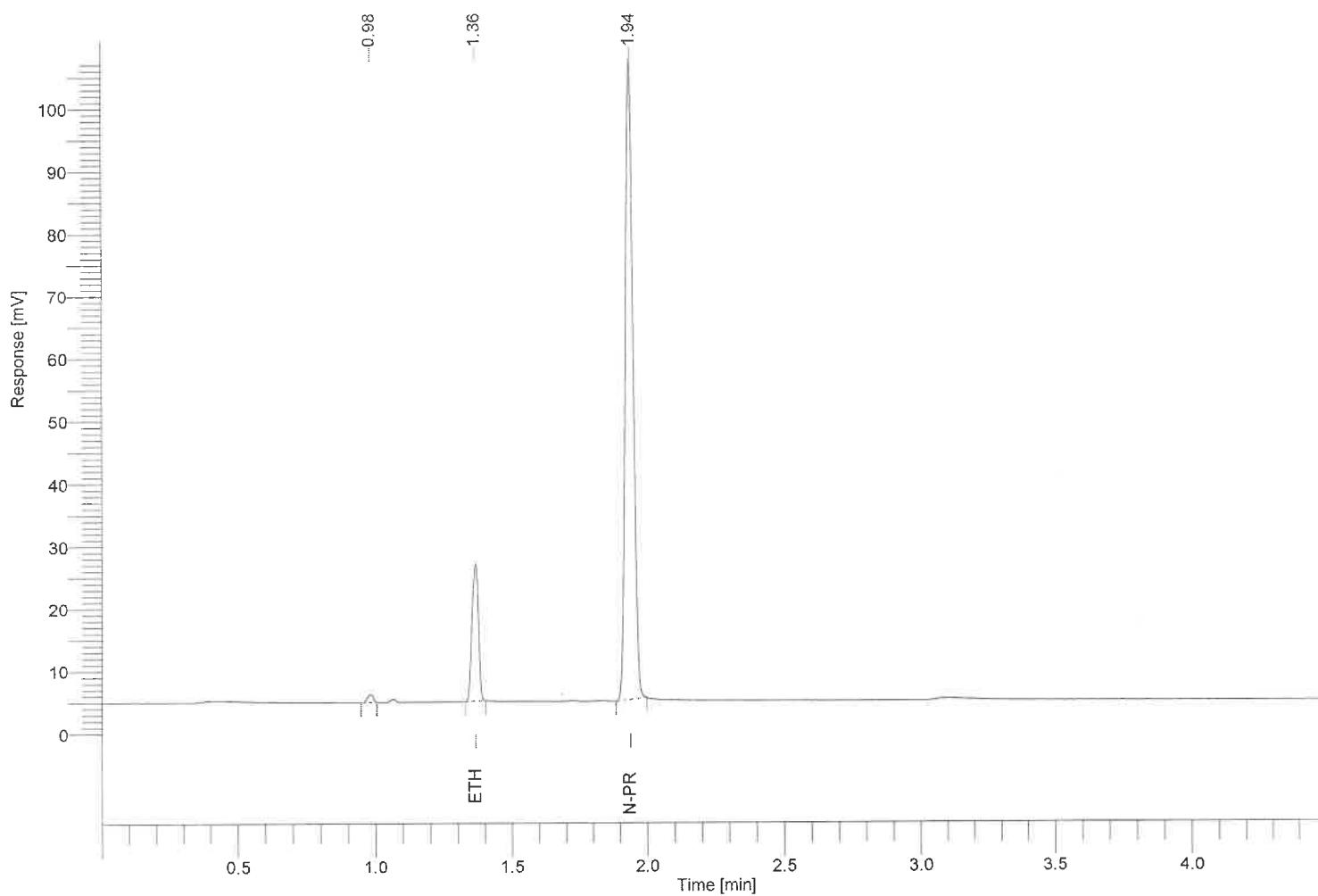
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36184.12	0.0608
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	203732.73	-----

BK
5/9/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7612
 Sample Name : 2255
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 15

Date : 5/5/2023 12:45:12 PM
 Data Acquisition Time : 5/5/2023 12:40:28 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data015-20230505-124512.rst
 Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



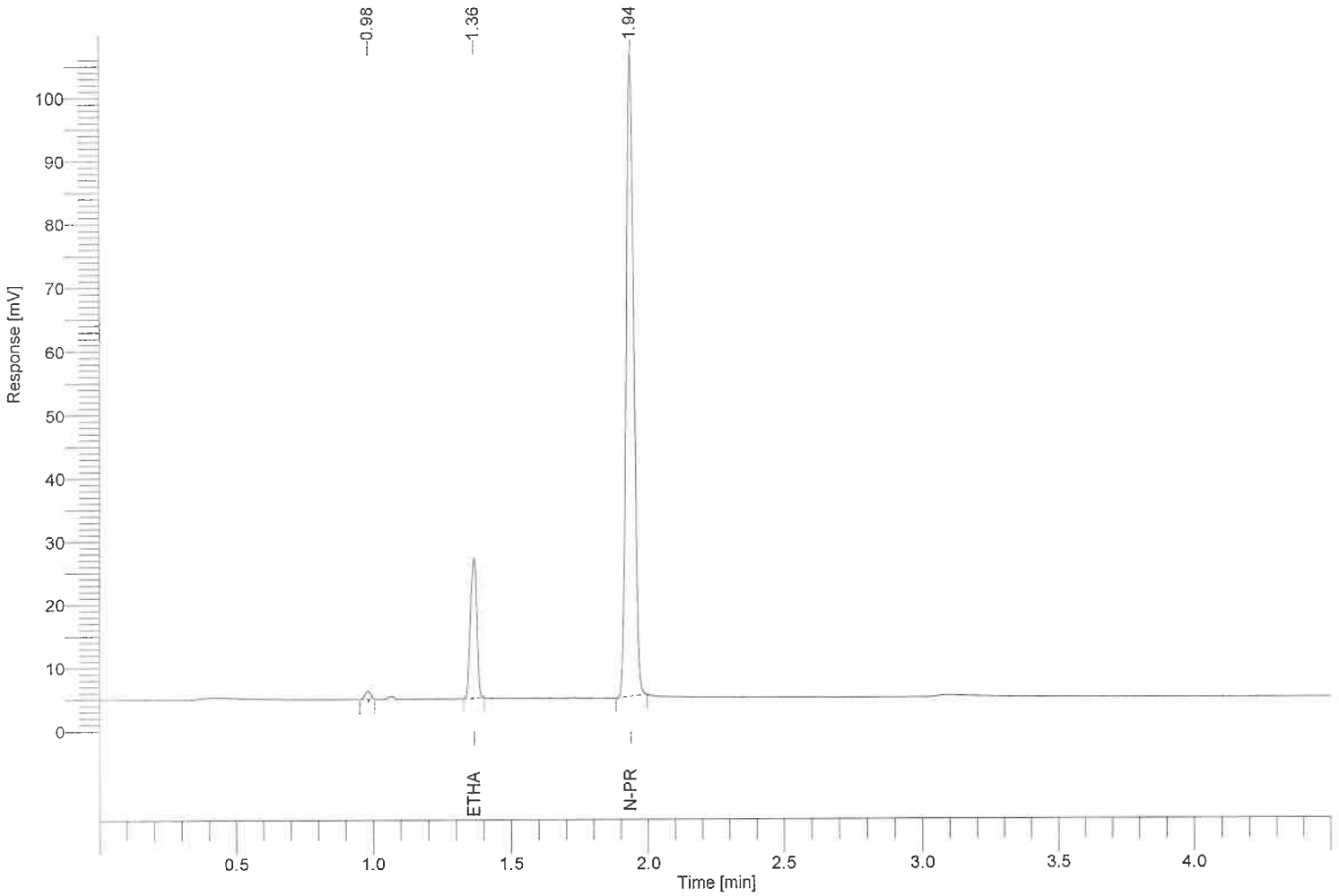
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36194.97	0.0609
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	203381.69	-----

BIK
5/9/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7613
 Sample Name : 2256
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 16

Date : 5/5/2023 12:50:15 PM
 Data Acquisition Time : 5/5/2023 12:45:31 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data016-20230505-125014.rst
 Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



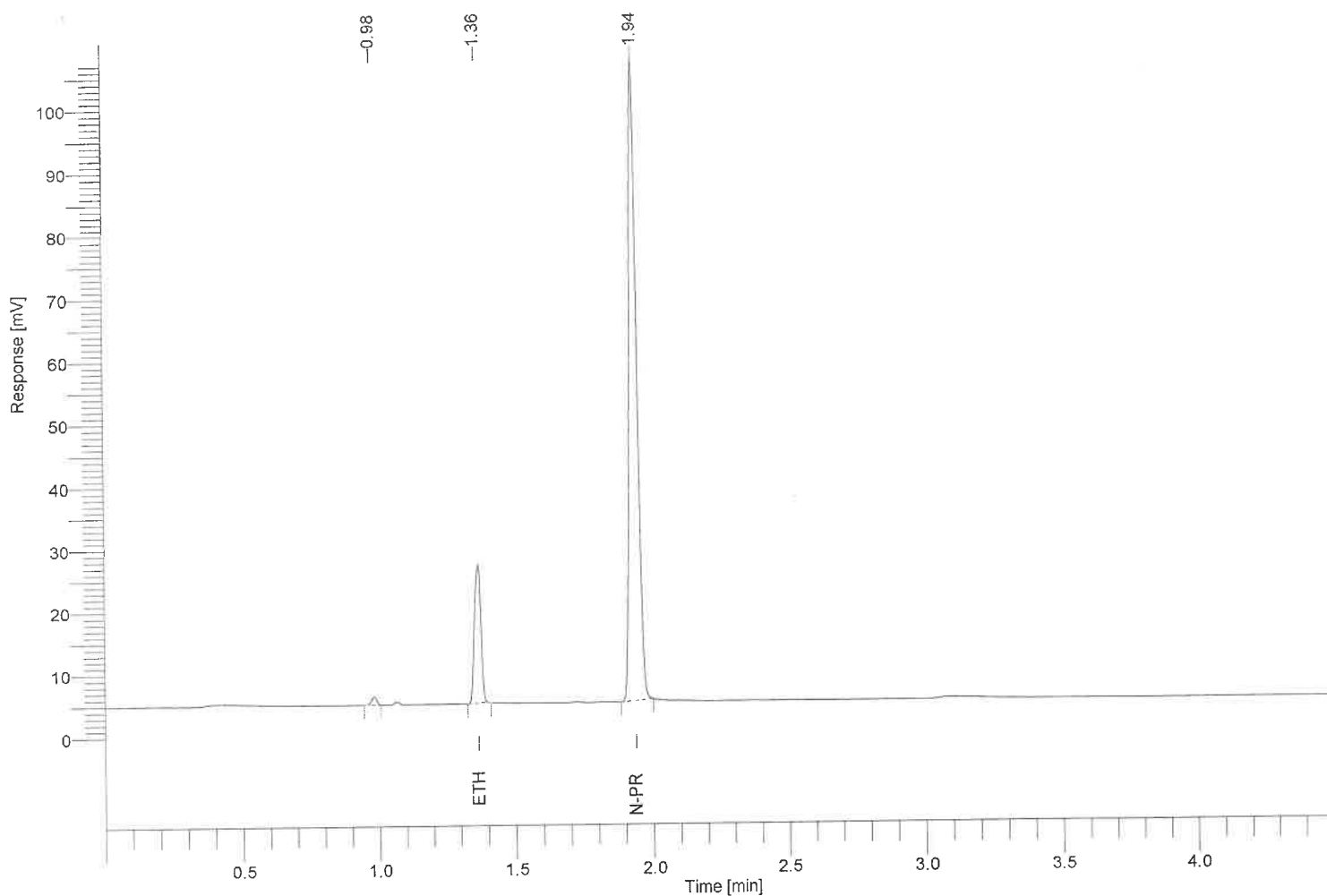
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36201.74	0.0614
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.937	1.000	201704.84	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7614
Sample Name : 2257
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 17

Date : 5/5/2023 12:55:18 PM
Data Acquisition Time : 5/5/2023 12:50:34 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data017-20230505-125518.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36400.32	0.0613
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	203022.83	-----

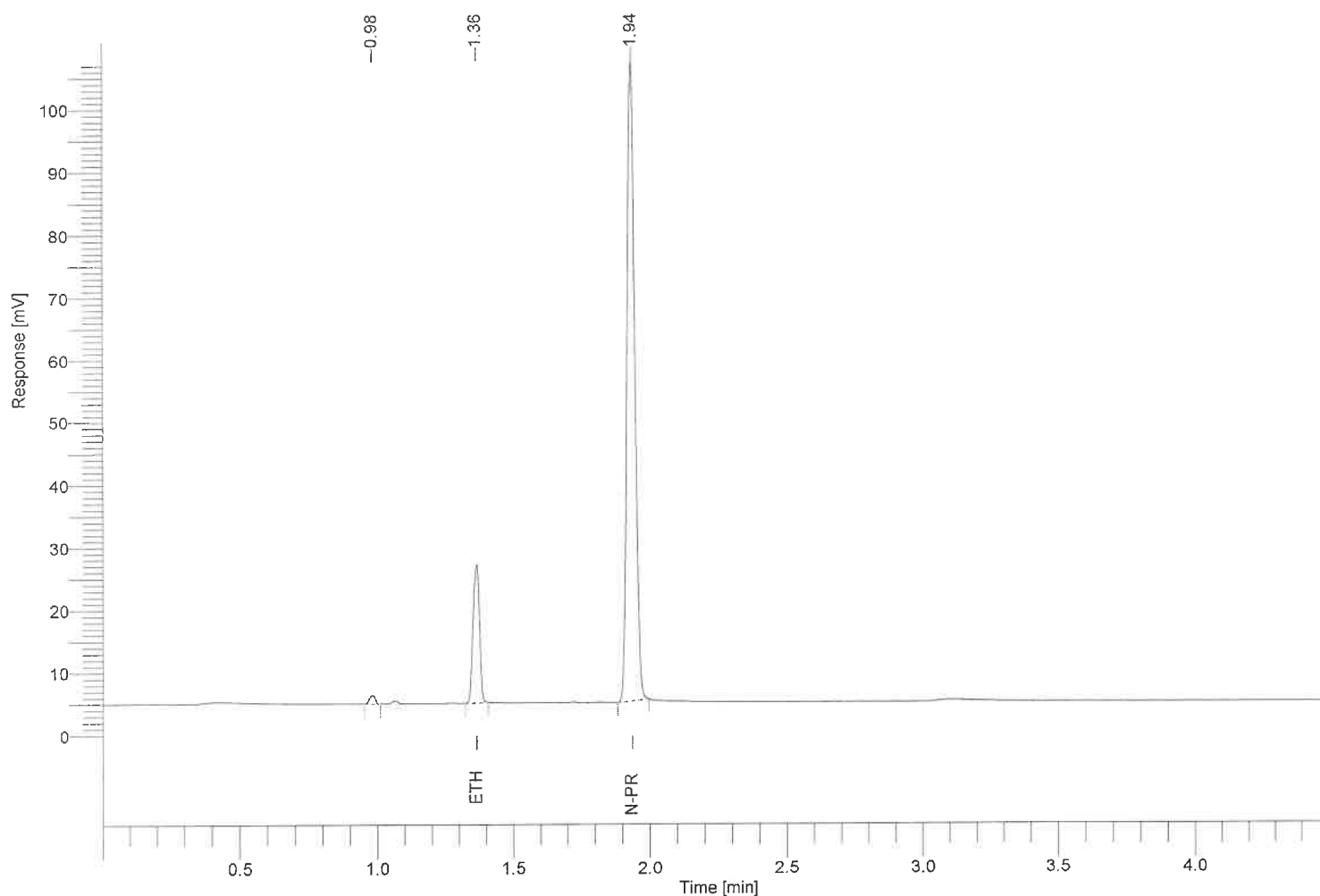
BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7615
Sample Name : 2258
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 18

Date : 5/5/2023 1:00:20 PM
Data Acquisition Time : 5/5/2023 12:55:37 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data018.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36274.91	0.0611
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	203191.89	-----

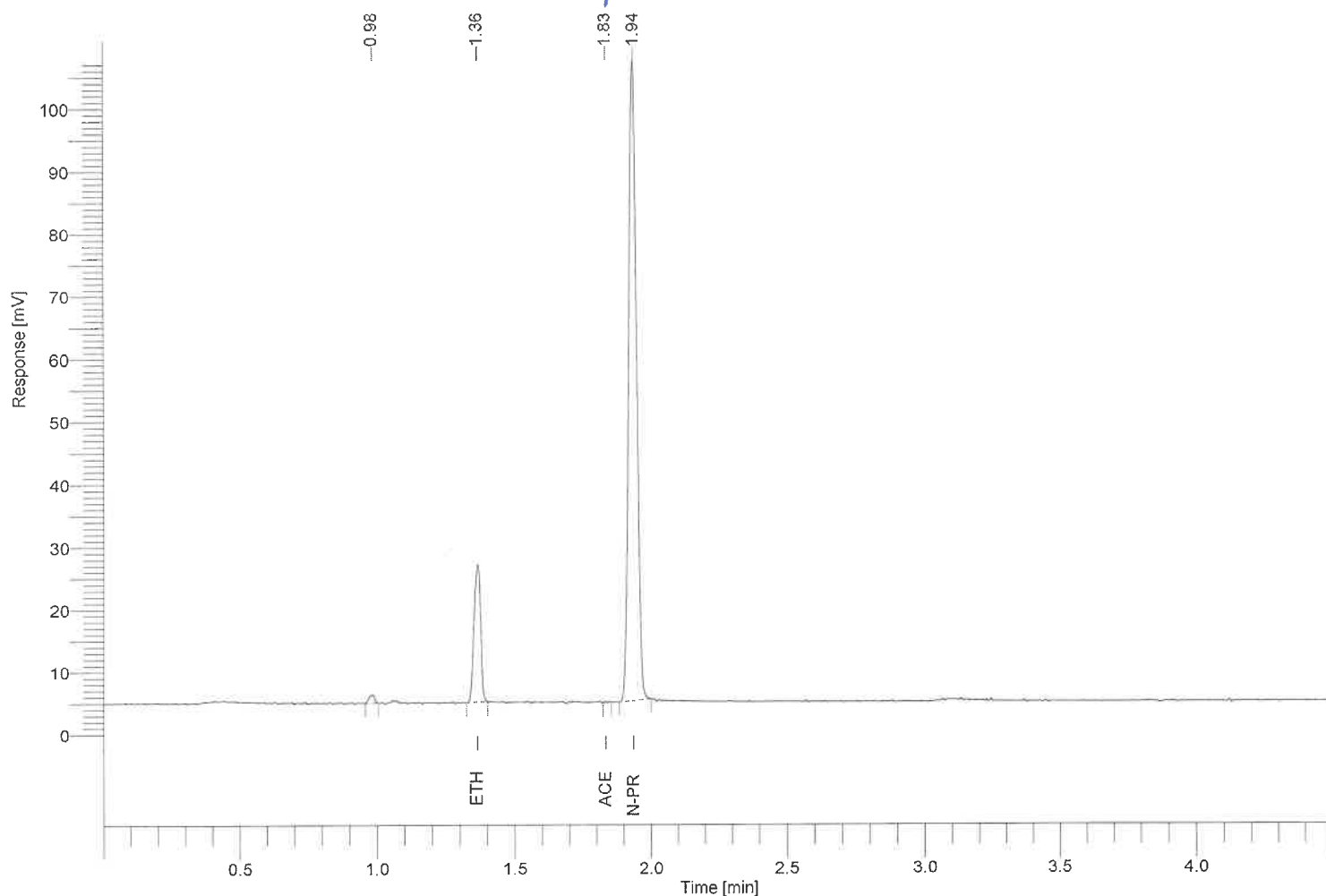
13K
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7616
Sample Name : 2259
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 19

Date : 5/5/2023 1:05:24 PM
Data Acquisition Time : 5/5/2023 1:00:40 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data019.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36716.60	0.0615
isopropanol	1.563	-----	0.00	0.0000
acetone	1.834	0.948	226.69	0.0001
n-propanol	1.935	1.000	204175.71	-----

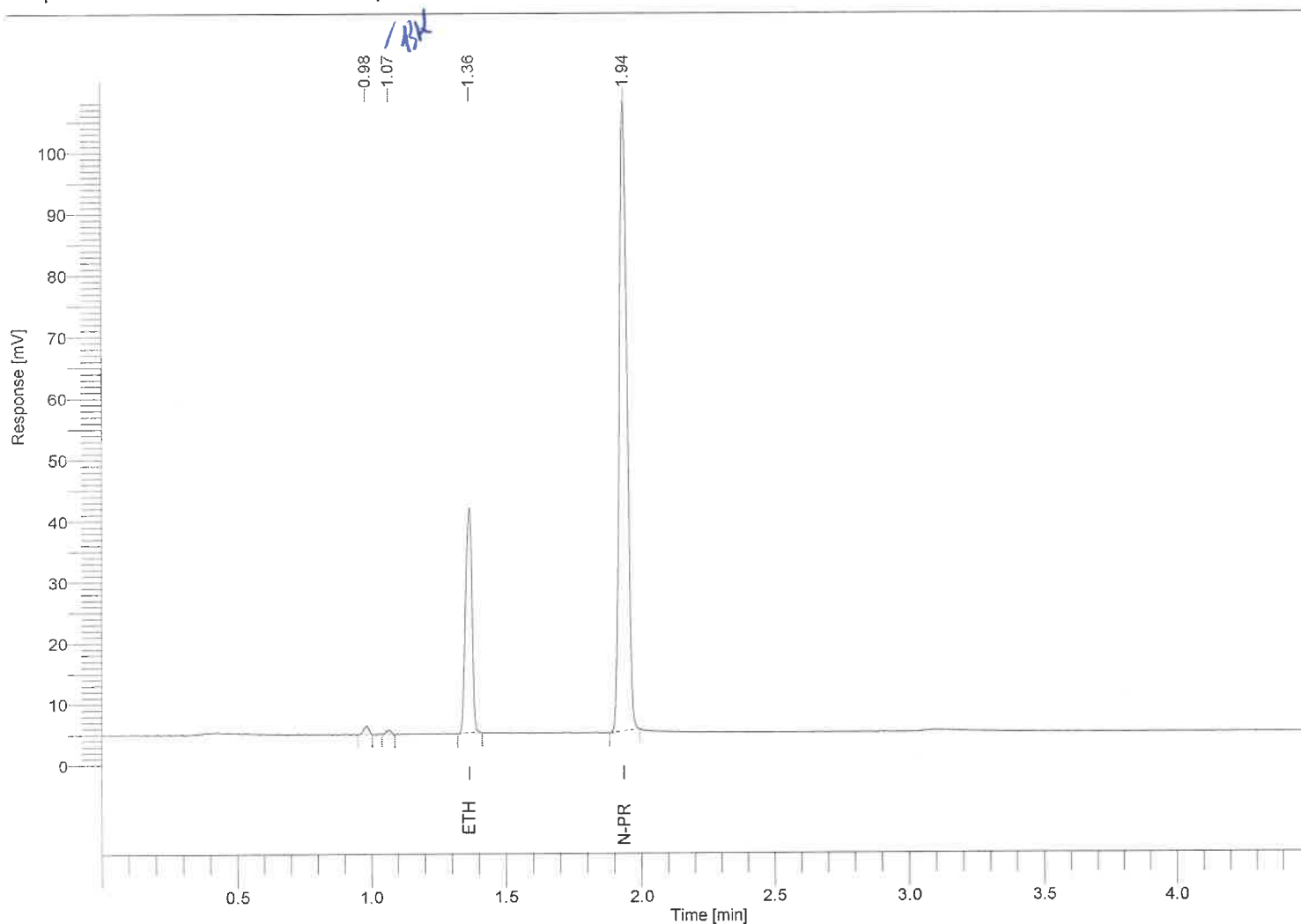
BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7617
Sample Name : Lipomed 100
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 20

Date : 5/5/2023 1:10:26 PM
Data Acquisition Time : 5/5/2023 1:05:42 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data020.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	60656.00	0.0995
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	204568.81	-----

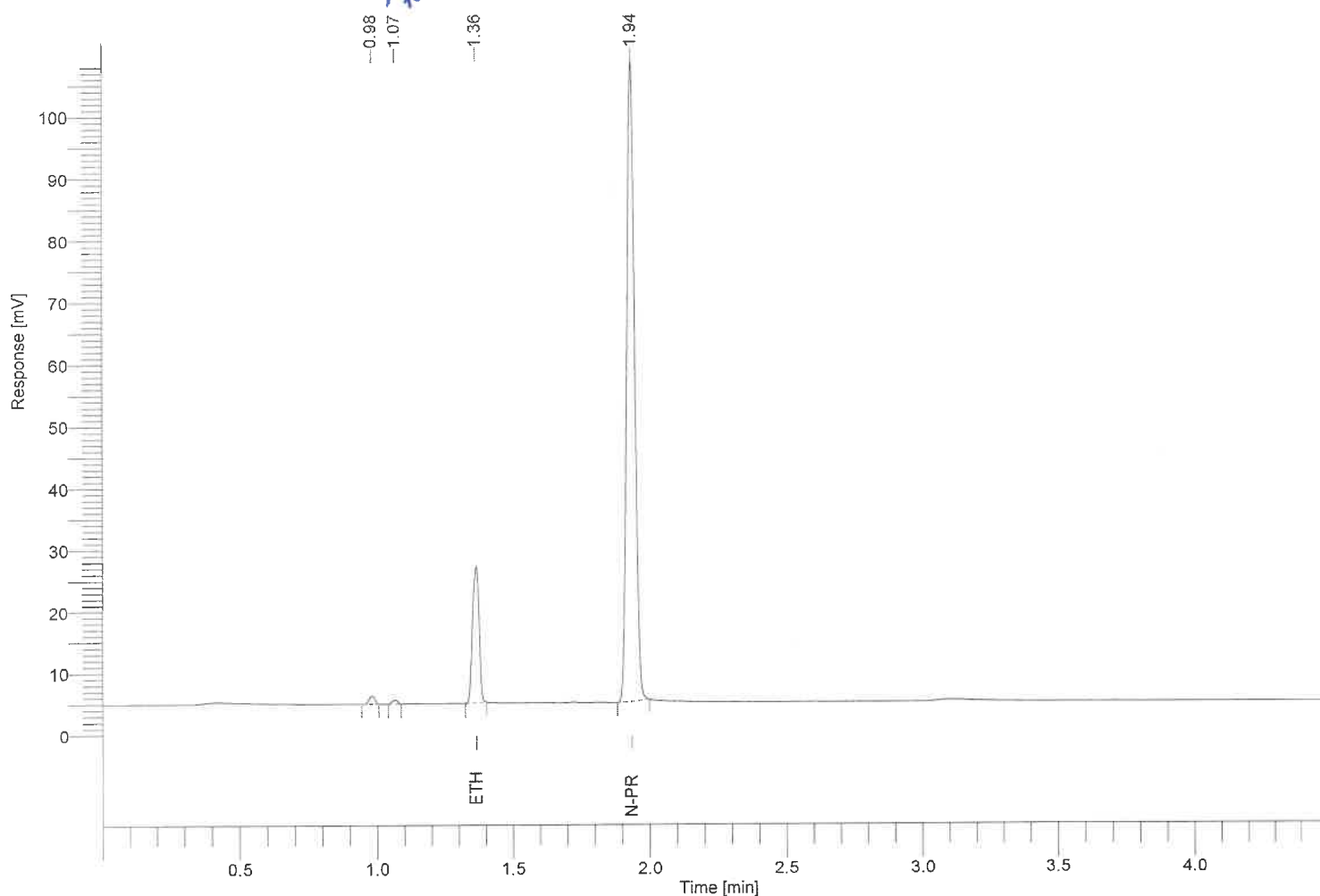
BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7618
Sample Name : 2250
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 21

Date : 5/5/2023 1:15:30 PM
Data Acquisition Time : 5/5/2023 1:10:45 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data021.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36322.03	0.0603
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	206008.49	-----

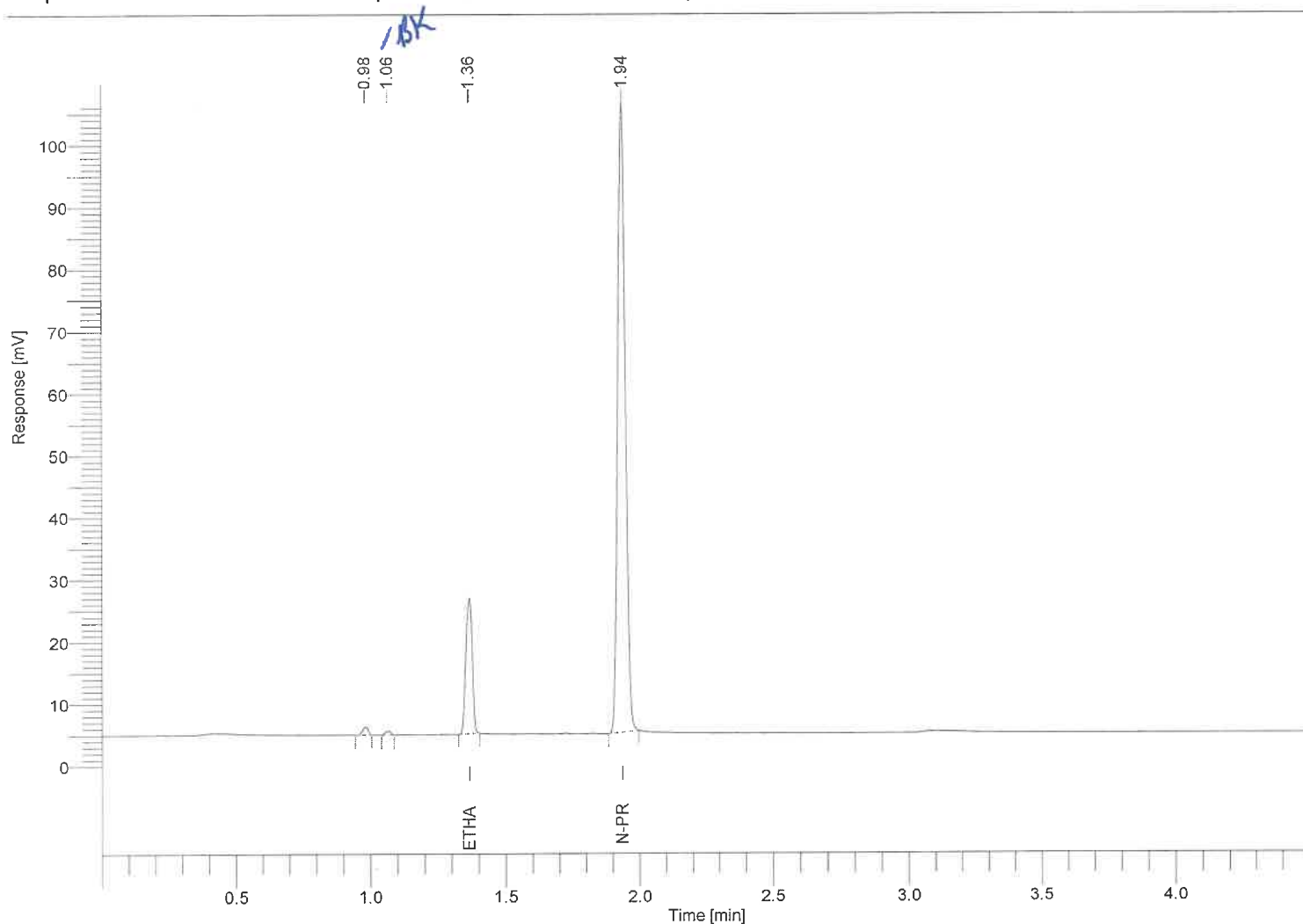
BK
5/9/23

Software Version : 6.3.2.0646
 Reprocess Number : gc-pc: 7619
 Sample Name : 2251
 Instrument Name : ClarusGC
 Rack/Vial : 0/0
 Sample Amount : 1.000000
 Cycle : 22

Date : 5/5/2023 1:20:33 PM
 Data Acquisition Time : 5/5/2023 1:15:48 PM
 Channel : A
 Operator : manager
 Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data022.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	35823.90	0.0608
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	201428.13	-----

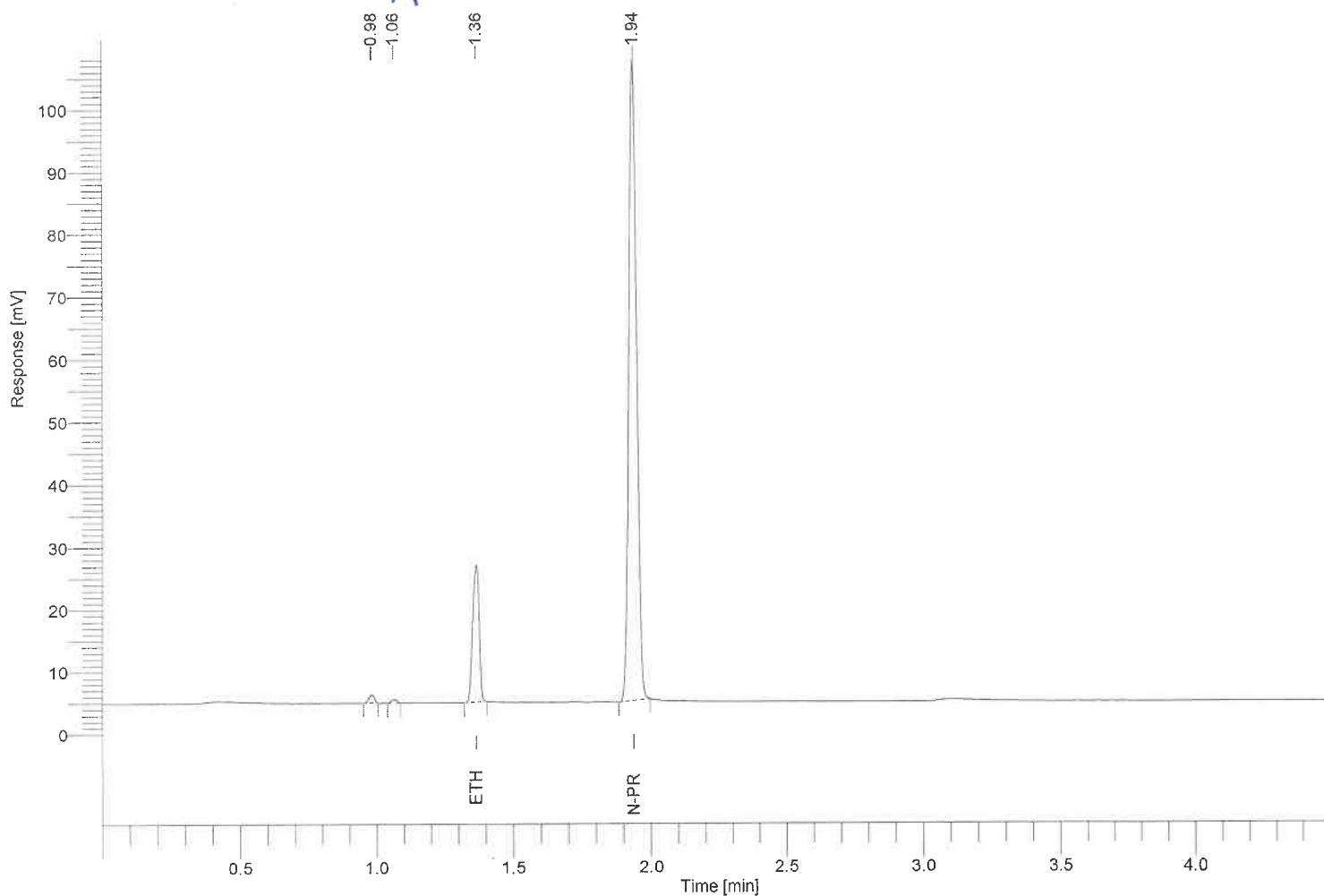
BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7620
Sample Name : 2252
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 23

Date : 5/5/2023 1:25:36 PM
Data Acquisition Time : 5/5/2023 1:20:51 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data023.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



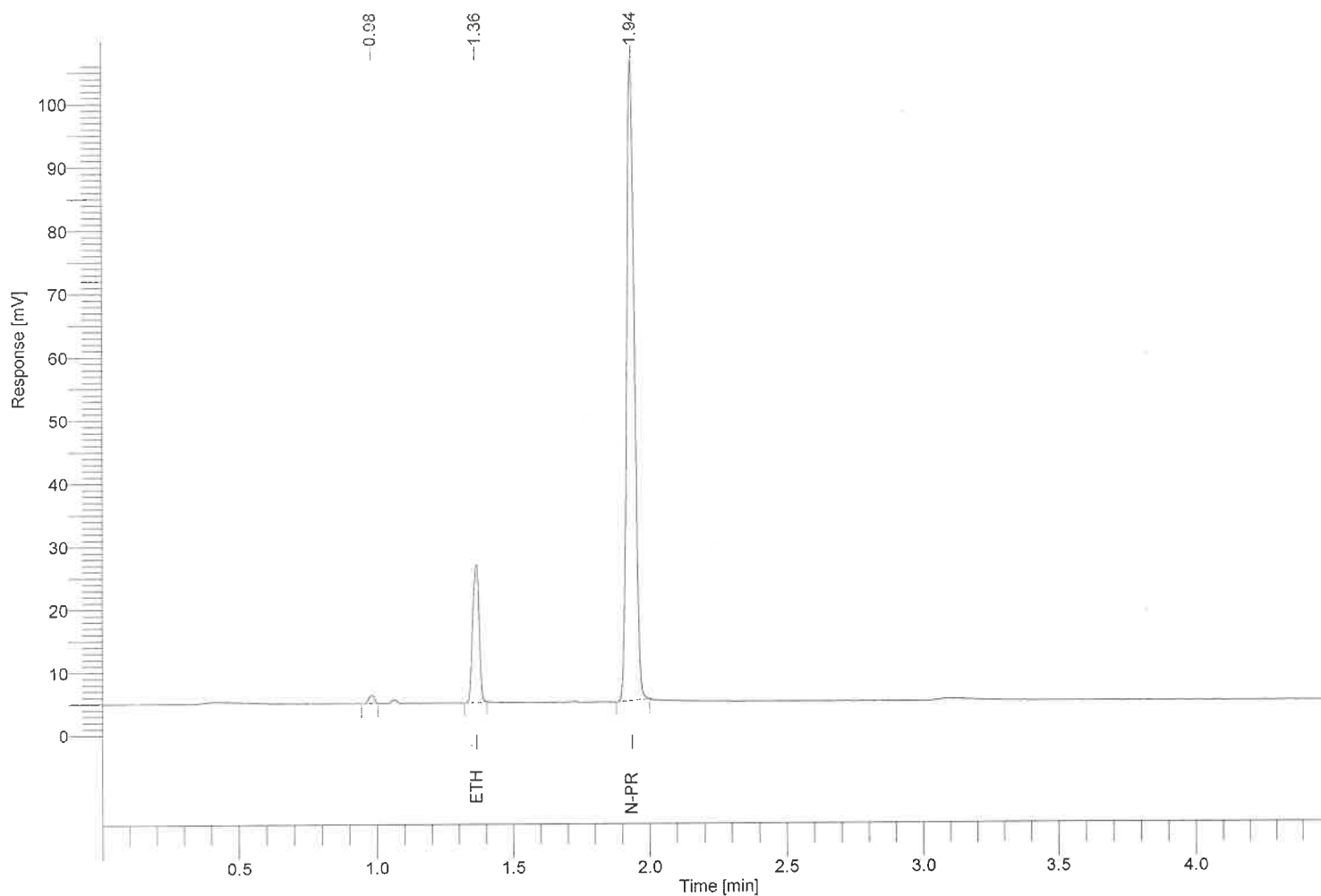
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36125.70	0.0606
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	203939.58	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7621
Sample Name : 2253
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 24

Date : 5/5/2023 1:30:39 PM
Data Acquisition Time : 5/5/2023 1:25:54 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data024.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	35959.36	0.0609
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	202095.77	-----

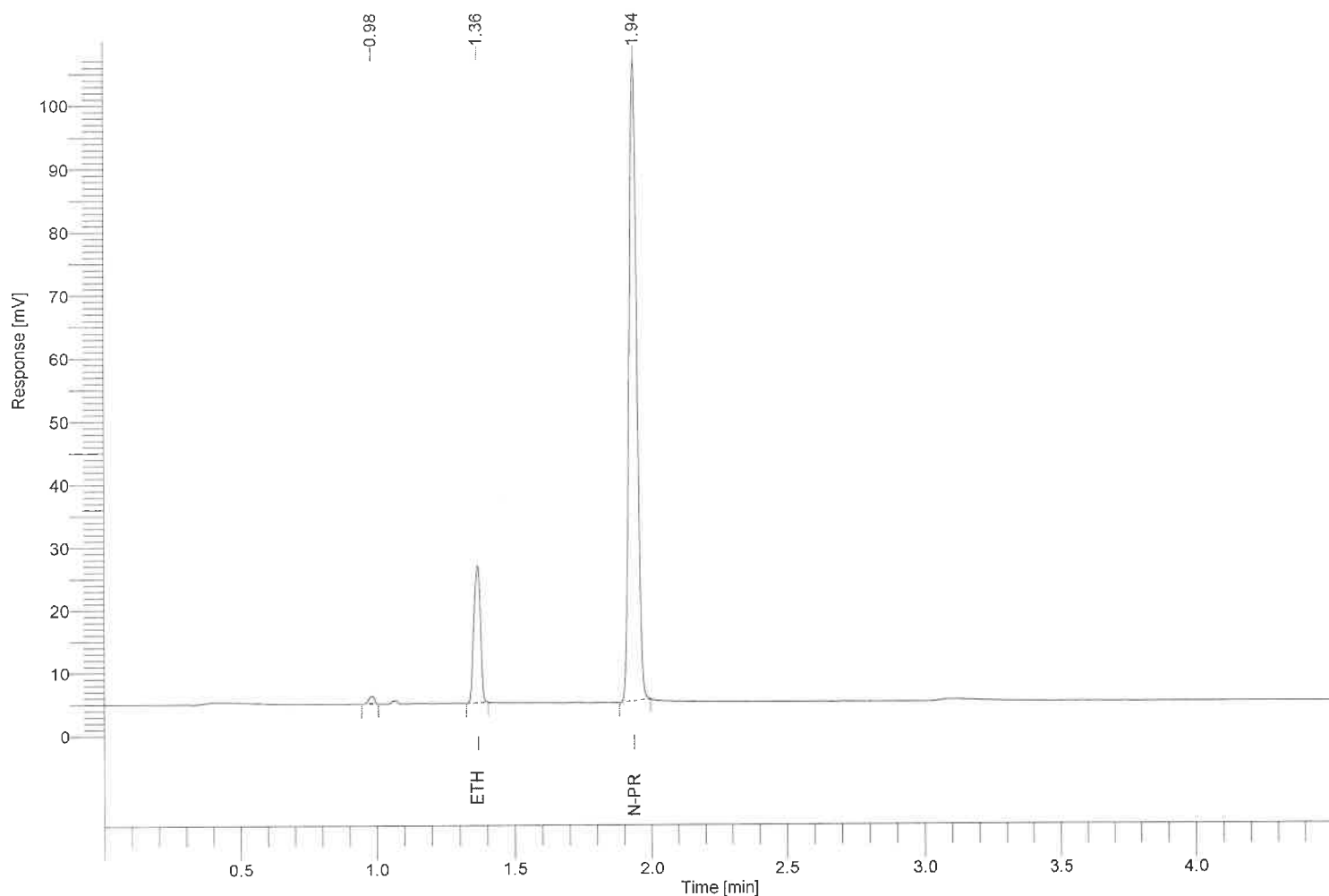
BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7622
Sample Name : 2254
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 25

Date : 5/5/2023 1:35:41 PM
Data Acquisition Time : 5/5/2023 1:30:57 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data025.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	35623.39	0.0607
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	200698.34	-----

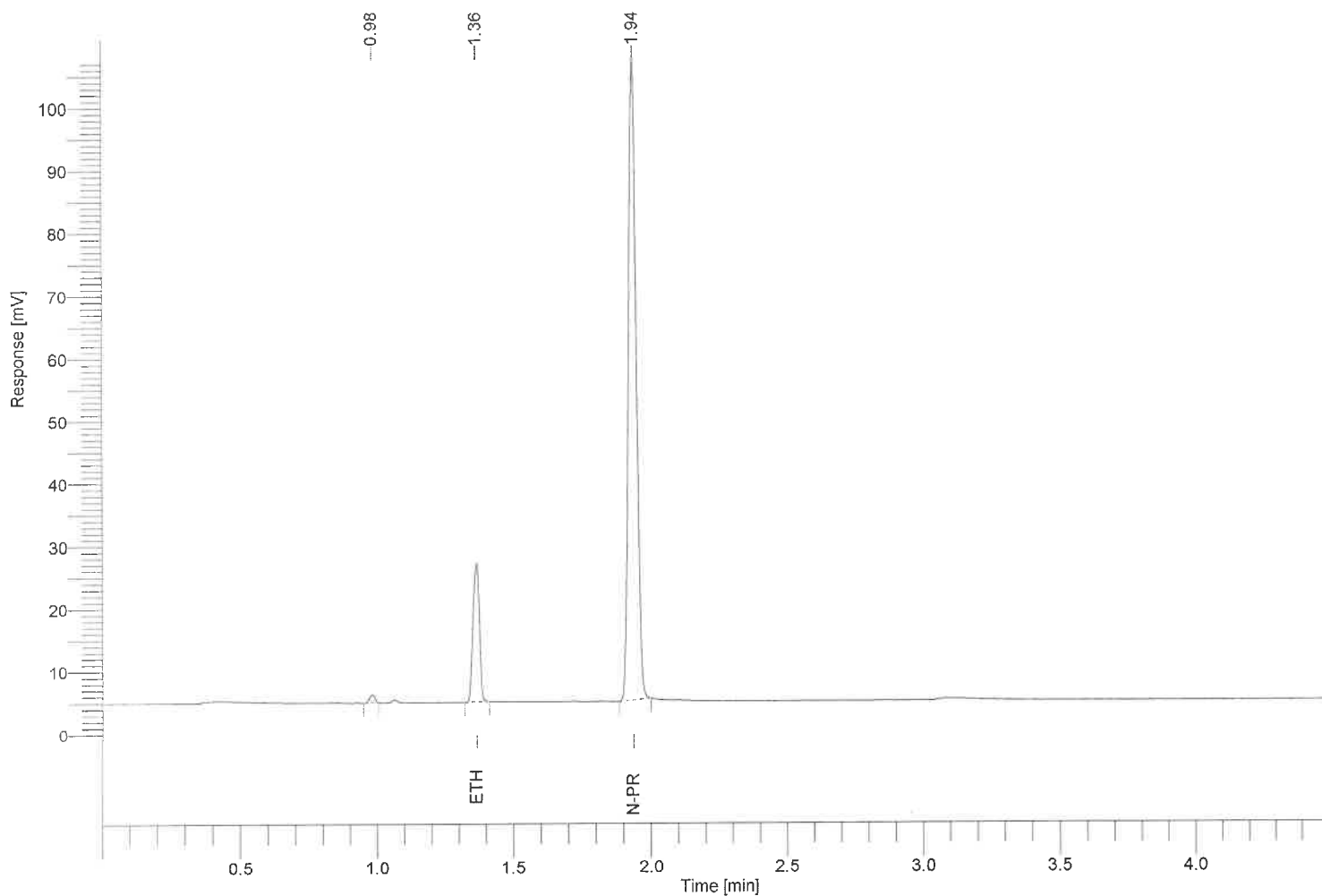
BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7623
Sample Name : 2255
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 26

Date : 5/5/2023 1:40:44 PM
Data Acquisition Time : 5/5/2023 1:36:00 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data026.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



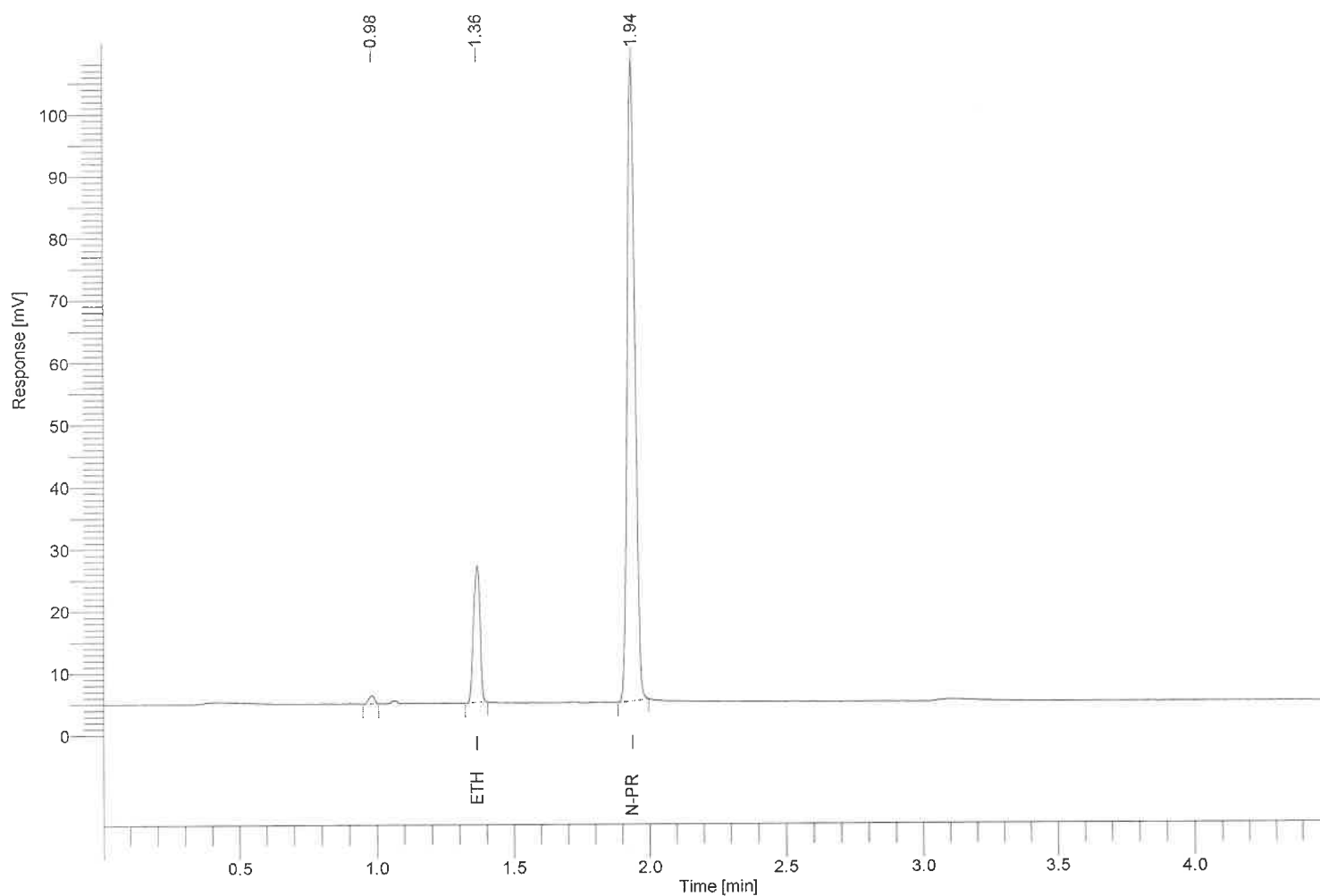
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	36410.92	0.0612
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	203456.35	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7624
Sample Name : 2256
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 27

Date : 5/5/2023 1:45:48 PM
Data Acquisition Time : 5/5/2023 1:41:03 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data027.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



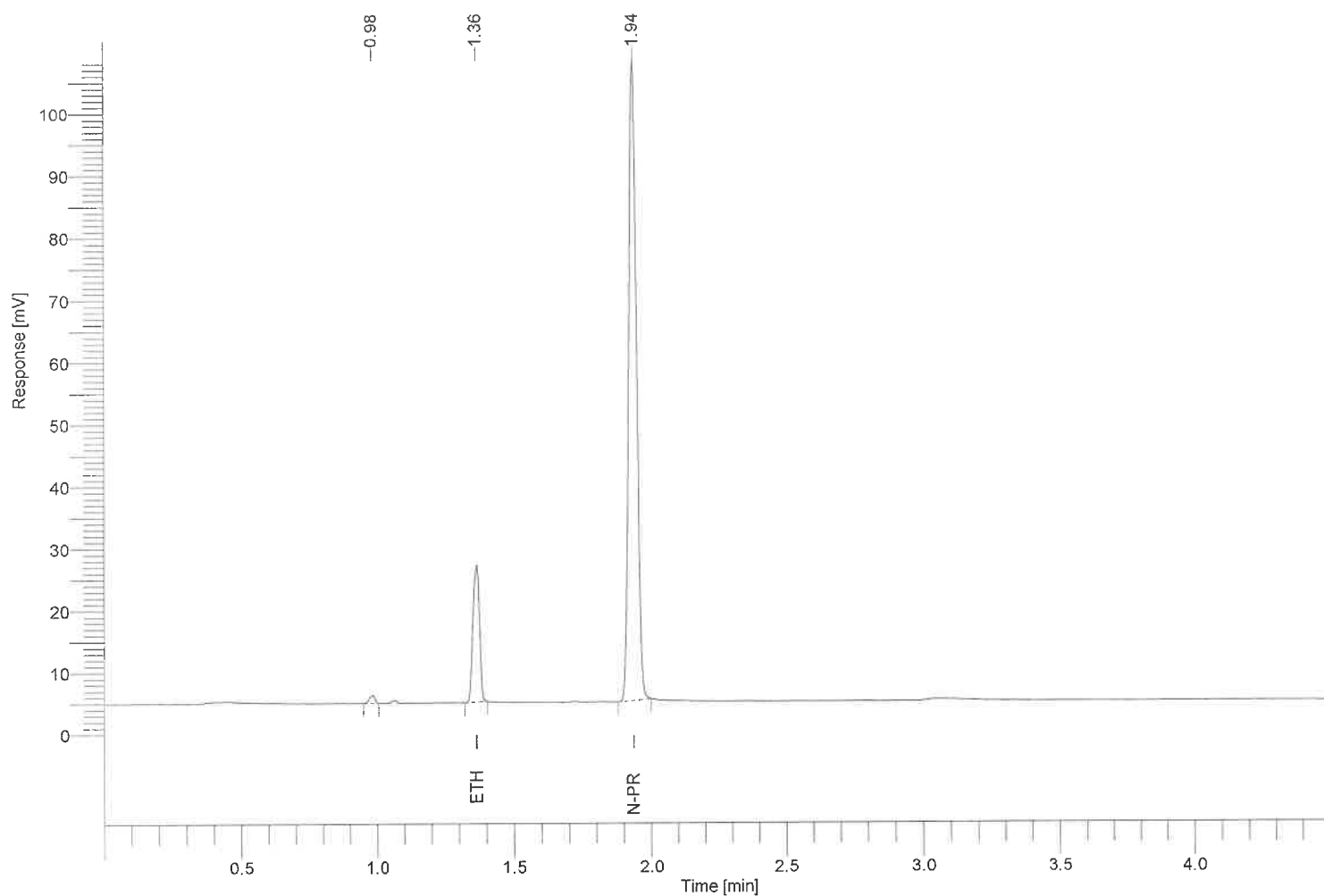
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36380.94	0.0607
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	205022.48	-----

BSK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7625
Sample Name : 2257
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 28

Date : 5/5/2023 1:50:51 PM
Data Acquisition Time : 5/5/2023 1:46:06 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data028.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	36359.19	0.0607
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	204975.28	-----

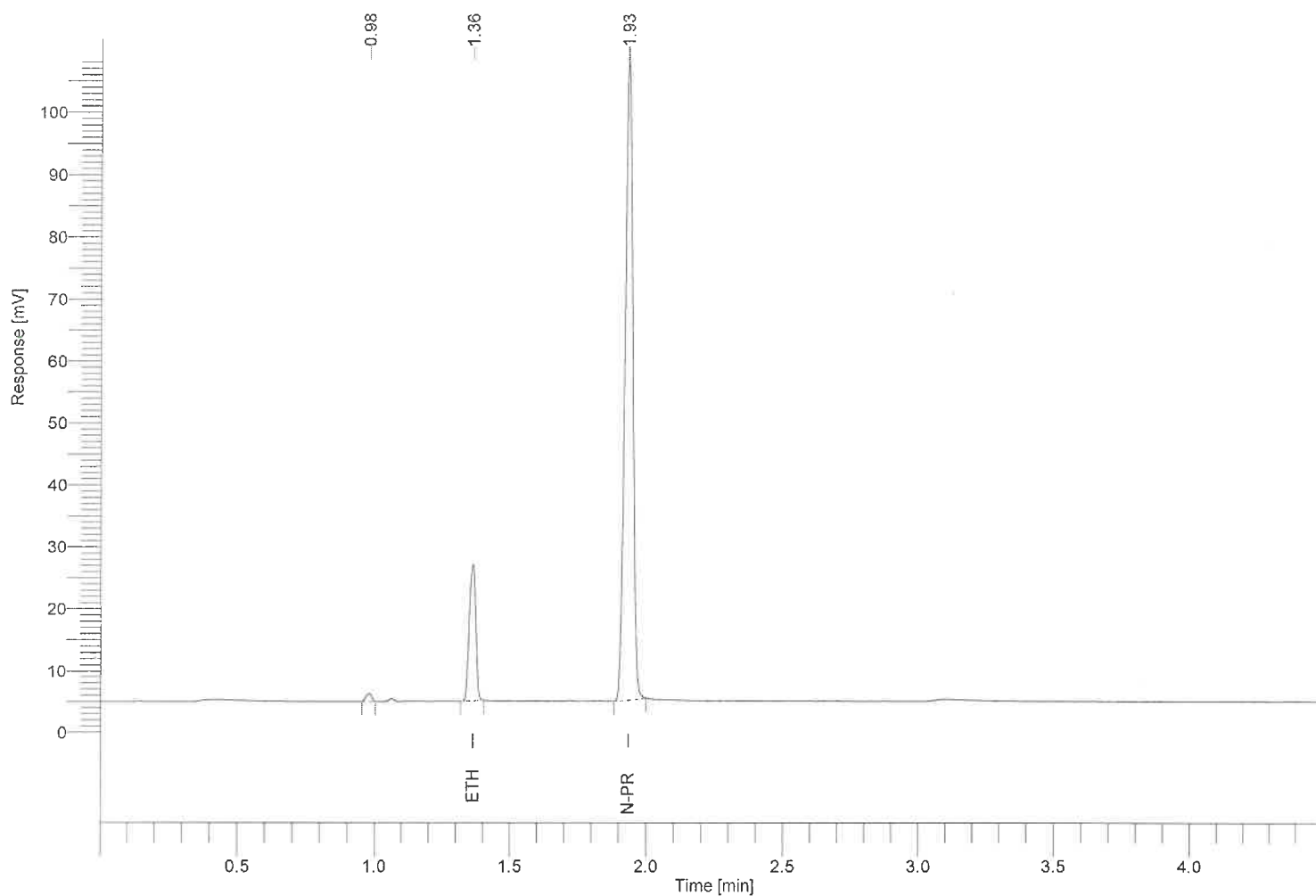
13K
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7626
Sample Name : 2258
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 29

Date : 5/5/2023 1:55:53 PM
Data Acquisition Time : 5/5/2023 1:51:09 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data029.rst

Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



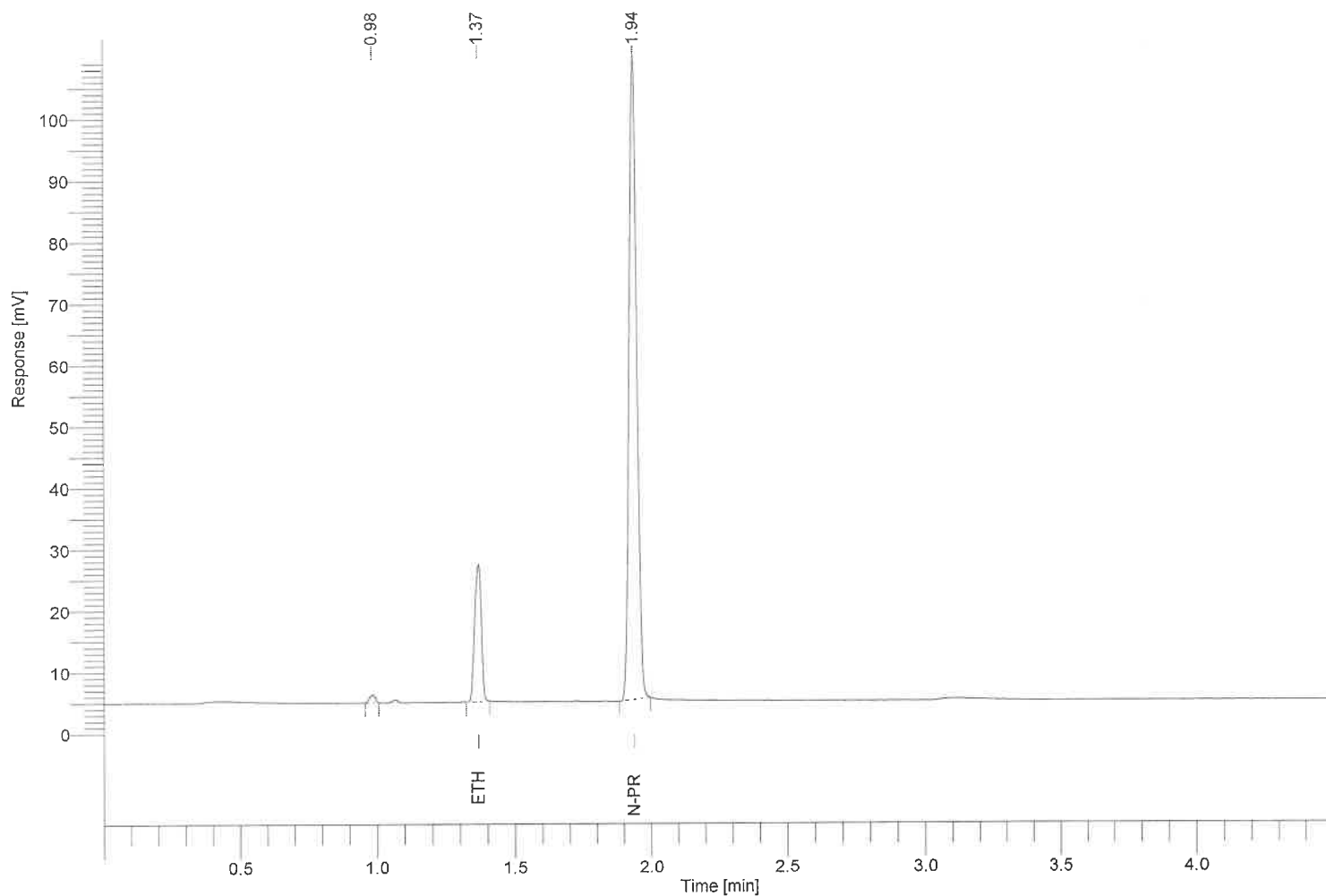
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.363	0.705	36636.13	0.0605
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.935	1.000	207124.62	-----

13K
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7627
Sample Name : 2259
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 30

Date : 5/5/2023 2:00:57 PM
Data Acquisition Time : 5/5/2023 1:56:11 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data030.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



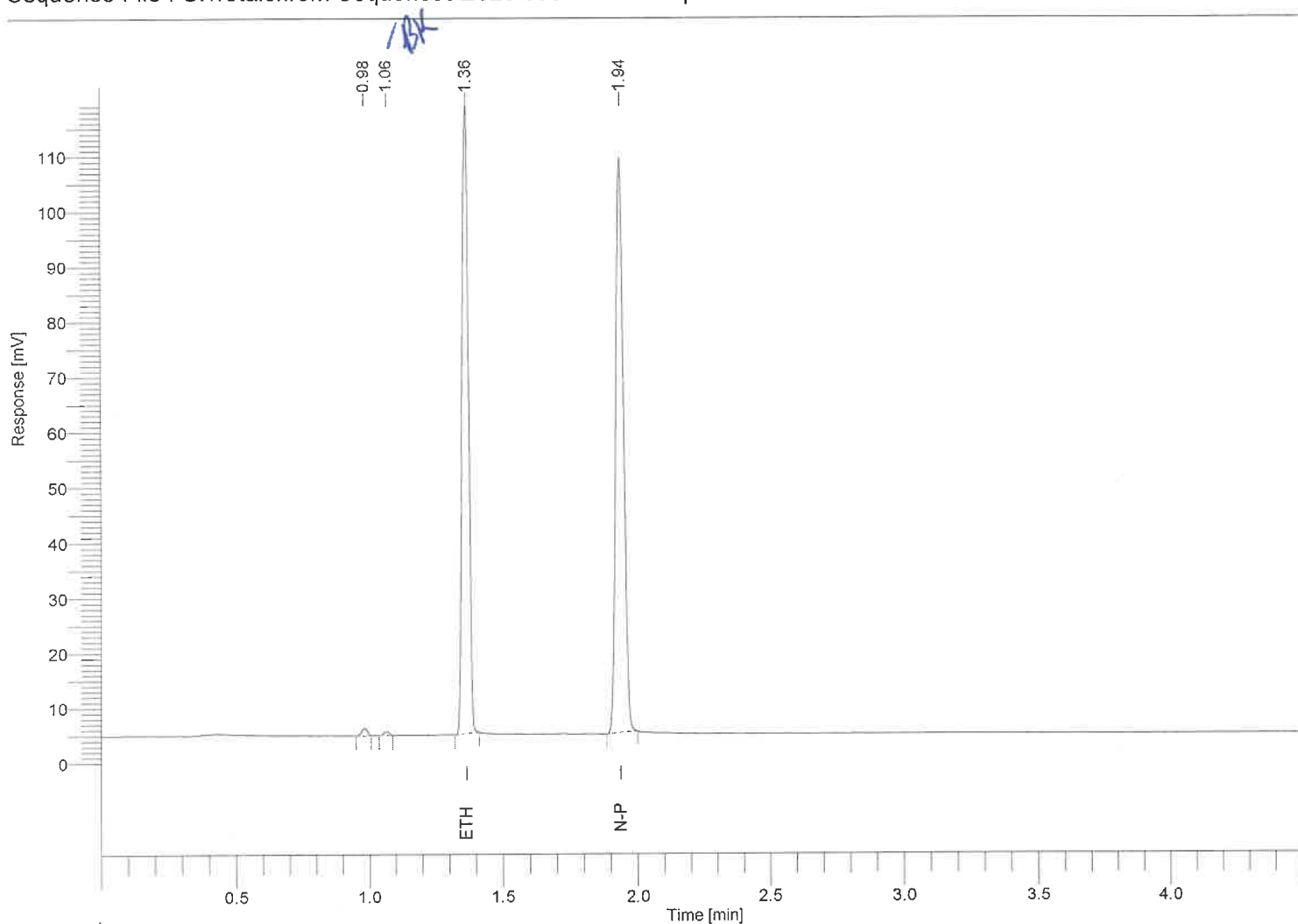
Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.365	0.705	37049.87	0.0607
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.937	1.000	208699.23	-----

BK
5/9/23

Software Version : 6.3.2.0646
Reprocess Number : gc-pc: 7628
Sample Name : Lipomed 300
Instrument Name : ClarusGC
Rack/Vial : 0/0
Sample Amount : 1.000000
Cycle : 31

Date : 5/5/2023 2:06:00 PM
Data Acquisition Time : 5/5/2023 2:01:14 PM
Channel : A
Operator : manager
Dilution Factor : 1.000000

Result File : C:\Totalchrom Data\data031.rst
Sequence File : C:\Totalchrom Sequences\2023\05052023b.seq



Component Name	Time [min]	RRt	Area [uV*sec]	Conc. g/100ml
methanol	1.169	-----	0.00	0.0000
ethanol	1.364	0.705	187598.01	0.2966
isopropanol	1.563	-----	0.00	0.0000
acetone	1.821	-----	0.00	0.0000
n-propanol	1.936	1.000	208299.99	-----

BK
5/9/23