Worklist: 7592

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2026-3427	2	BCK	Alcohol Analysis
M2026-3433	1	BCK	Alcohol Analysis
M2026-3471	1	BCK	Alcohol Analysis
M2026-3495	1	BCK	Alcohol Analysis
M2026-3496	1	BCK	Alcohol Analysis
M2026-3497	1	BCK	Alcohol Analysis
M2026-3514	1	BCK	Alcohol Analysis
M2026-3525	1	BCK	Alcohol Analysis
M2026-3527	1	BCK	Alcohol Analysis
M2026-3528	1	BCK	Alcohol Analysis
M2026-3547	1	BCK	Alcohol Analysis
M2026-3548	1	BCK	Alcohol Analysis
M2026-3555	1	BCK	Alcohol Analysis
M2026-3556	1	BCK	Alcohol Analysis
M2026-3557	1	BCK	Alcohol Analysis
M2026-3558	1	BCK	Alcohol Analysis
M2026-3575	1	BCK	Alcohol Analysis
M2026-3576	1	BCK	Alcohol Analysis

REVIEWED

By Jeremy Johnston at 3:29 pm, Sep 08, 2026

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls **Run Date(s): 9/4/26-9/5/26**

Calibration Date: 9/4/26

Worklist #: 7592

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Mar-27	UTAK# D7634	0.0853	0.0767-0.0938	0.0855 g/100cc
					0.0862 g/100cc
					g/100cc
Level 2	May-27	2302120	0.2054	0.1849-0.2259	0.2014 g/100cc
					0.2042 g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	**28-May**	**Lot #**	FN05302307		
Curve Fit:		**Column 1**	0.99990	**Column2**	0.99991	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0523	0.0521	0.0002	0.0522
100	0.100	0.090 - 0.110	0.0993	0.0995	0.0002	0.0994
200	0.200	0.180 - 0.220	0.1982	0.1980	0.0002	0.1981
300	0.300	0.270 - 0.330	0.2985	0.2989	0.0004	0.2987
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5014	0.5012	0.0002	0.5013

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.081 g/100cc

Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #: **7592** **Run Date(s):** **9/4/26-9/5/26**

Internal Standard Solution:	Prep Date: 7/20/2026	Exp Date: 1/20/2027

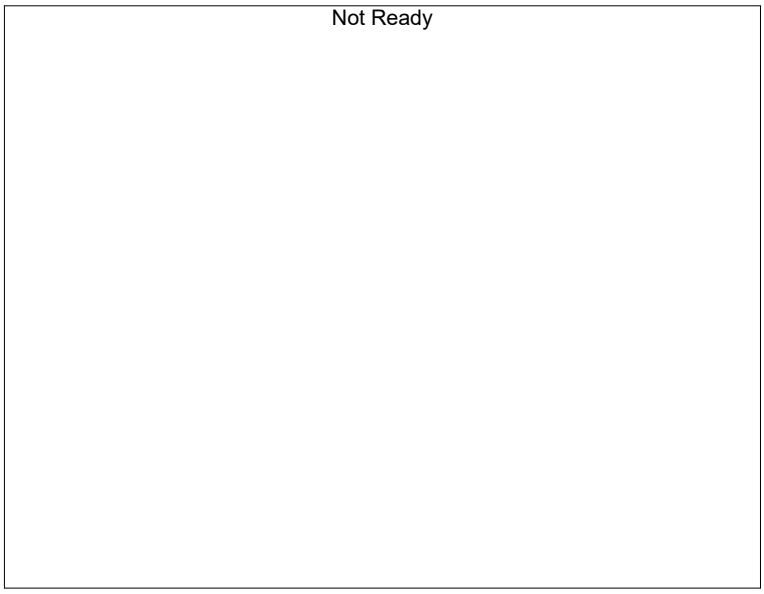
Sample Name	Column 1 Value	Column 2 Value
0.080	181688	194898
0.080	181381	194383
QC1	219310	235391
QC1	193267	207854
QC1	212232	228224
QC1	218294	234558
QC1		
QC1		
QC2	199677	214351
QC2	198708	213450
QC2	207306	222457
QC2	210422	225823
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	202228.5	161782.8	242674.2
Column 2	217138.9	173711.1	260566.7

Calibration Table

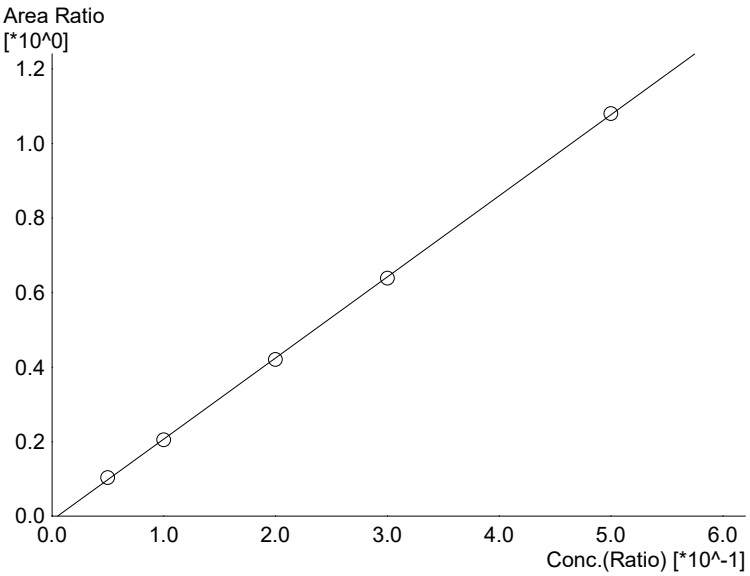
Laboratory : MERIDIAN
Instrument Name : GC-BAC
Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
Method File :Default Project - ALCOHOL_260904NB.gcm
Date Created :9/3/2026 12:03:18 PM
Date Modified :9/8/2026 9:46:05 AM



Name : Methanol
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.17528*x-0.0107887
R^2 value= 0.9998966
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	18715	0.0523
2	0.100	37403	0.0993
3	0.200	76357	0.1982
4	0.300	116619	0.2985
5	0.500	197085	0.5014

Not Ready

Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

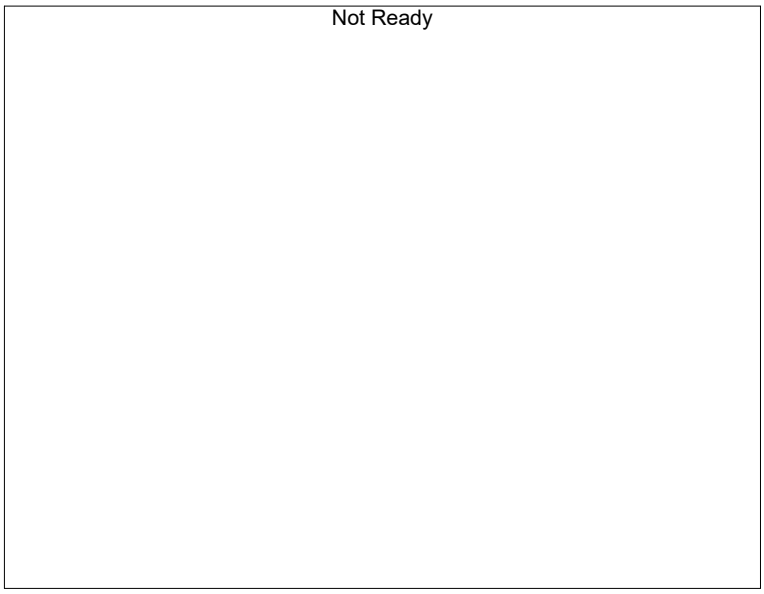
Name : Acetone
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

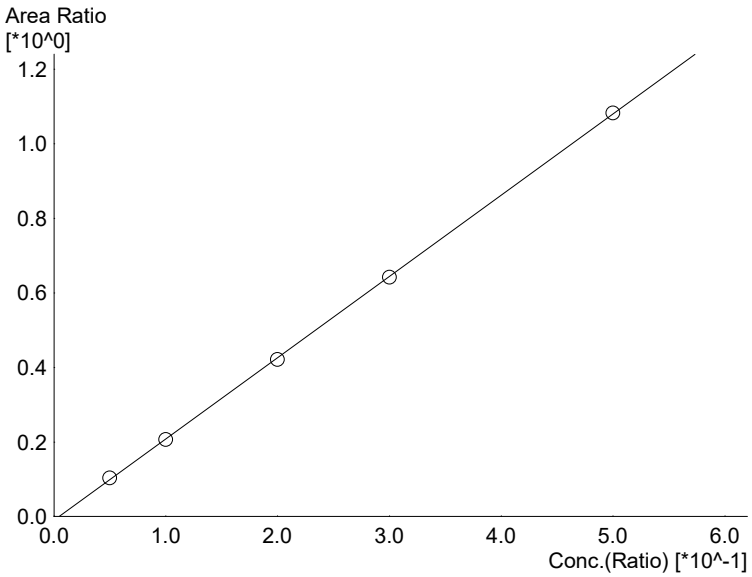
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



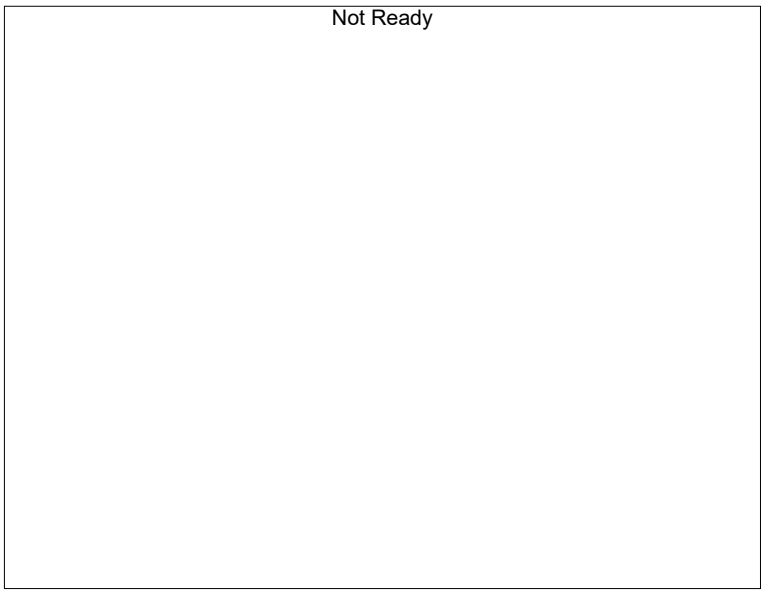
Name : Methanol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.18064*x-0.0104022
R^2 value= 0.9999095
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20115	0.0521
2	0.100	40387	0.0995
3	0.200	82009	0.1980
4	0.300	125389	0.2989
5	0.500	211417	0.5012



Name : Acetone
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Not Ready

Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

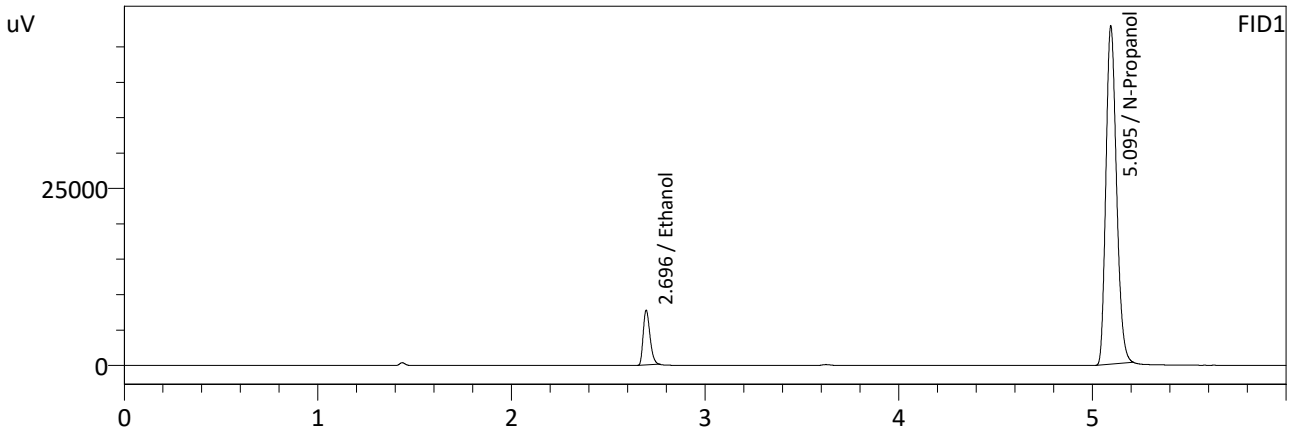
#	Conc.	Area	Std. Conc.

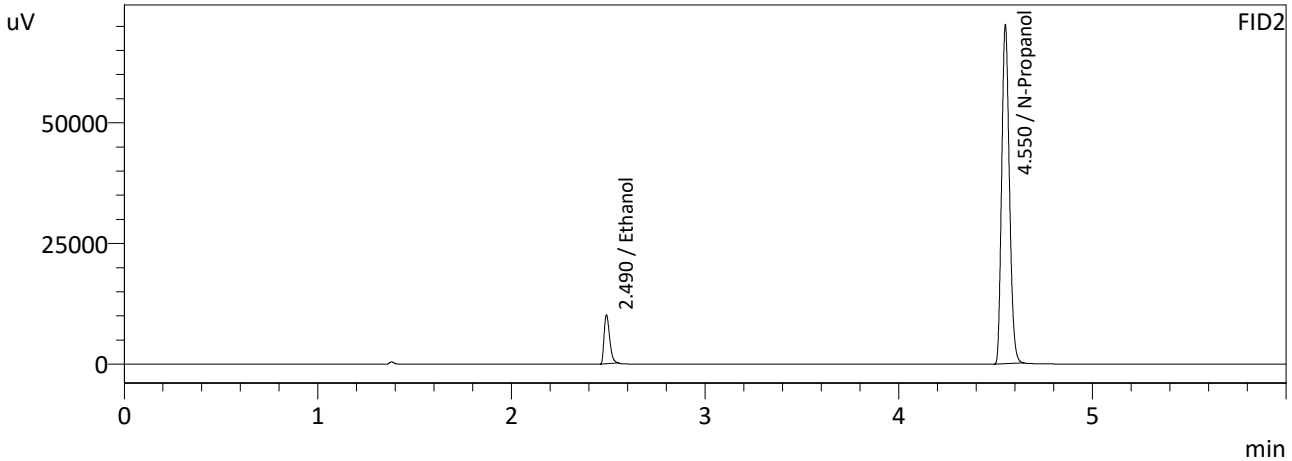
Not Ready

Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

Sample Name : 0.050
Laboratory : Meridian
Injection Date : 9/4/2026 2:17:42 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

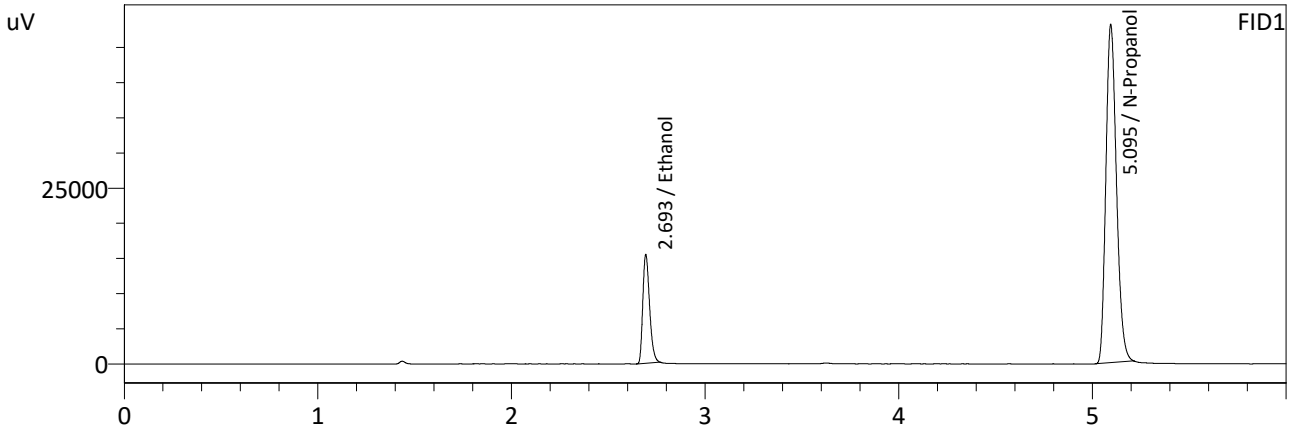
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0523	18715	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181399	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

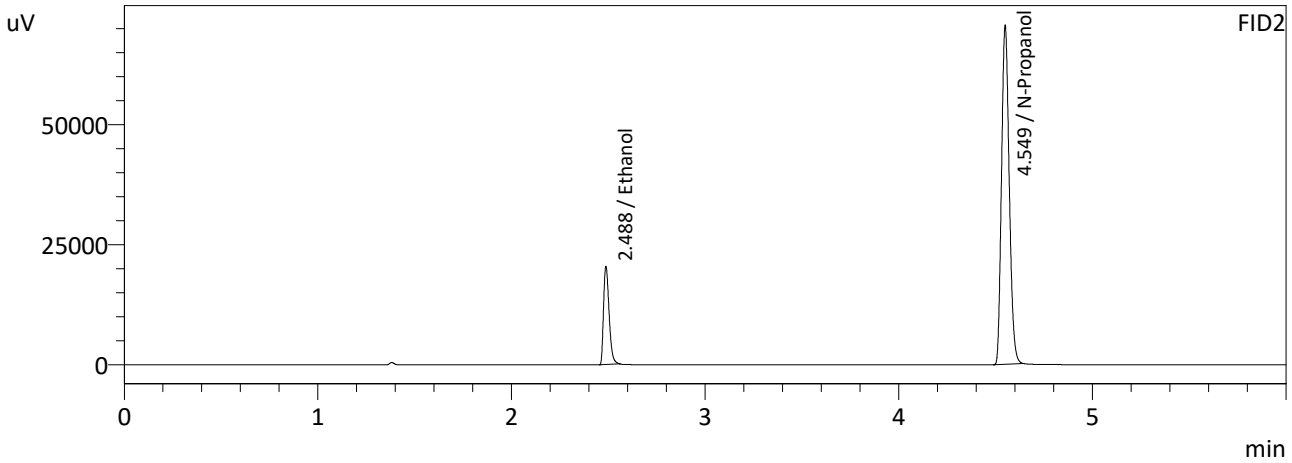
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0521	20115	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194529	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 9/4/2026 2:30:06 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

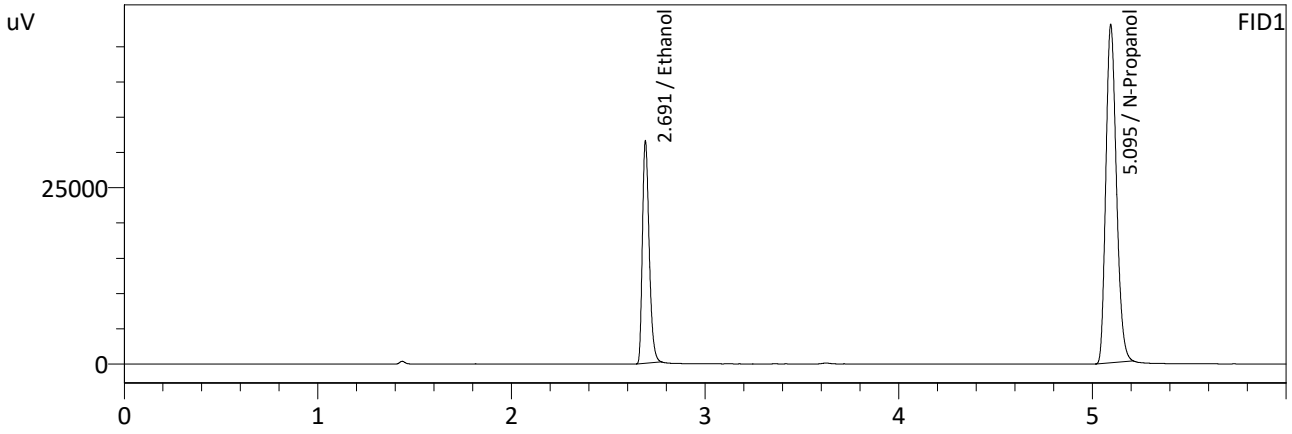
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	37403	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182246	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

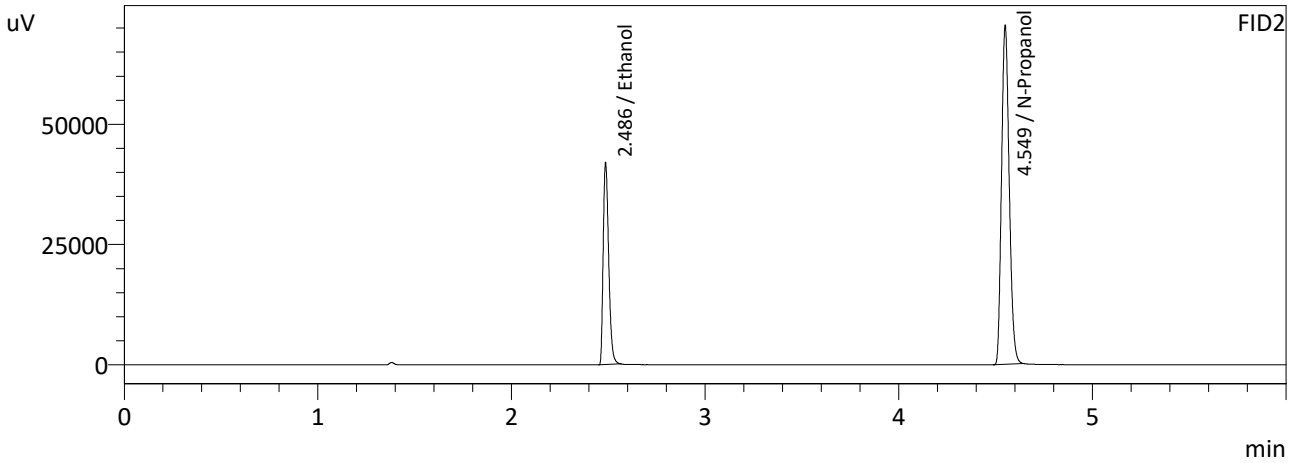
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0995	40387	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195462	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 9/4/2026 2:42:33 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

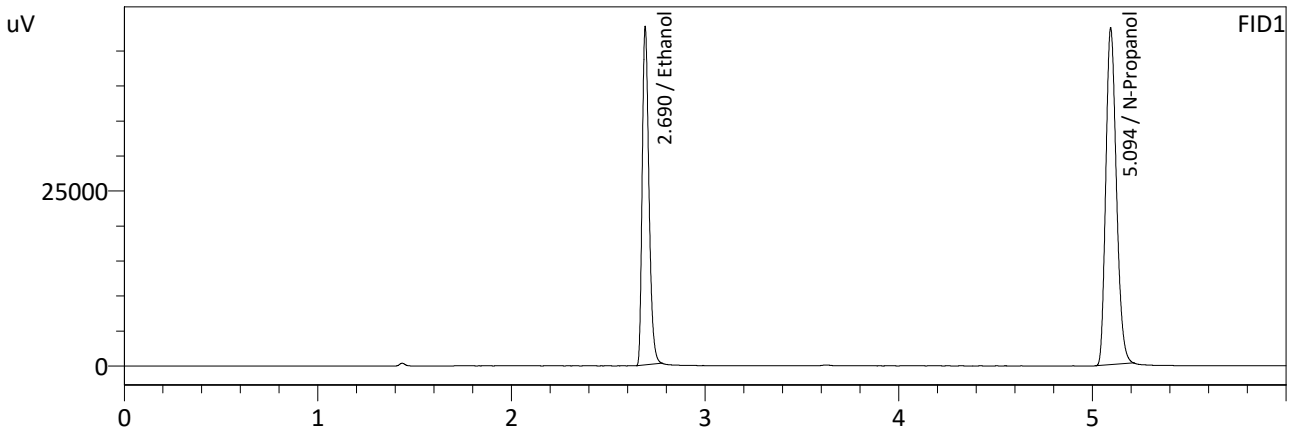
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1982	76357	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181558	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

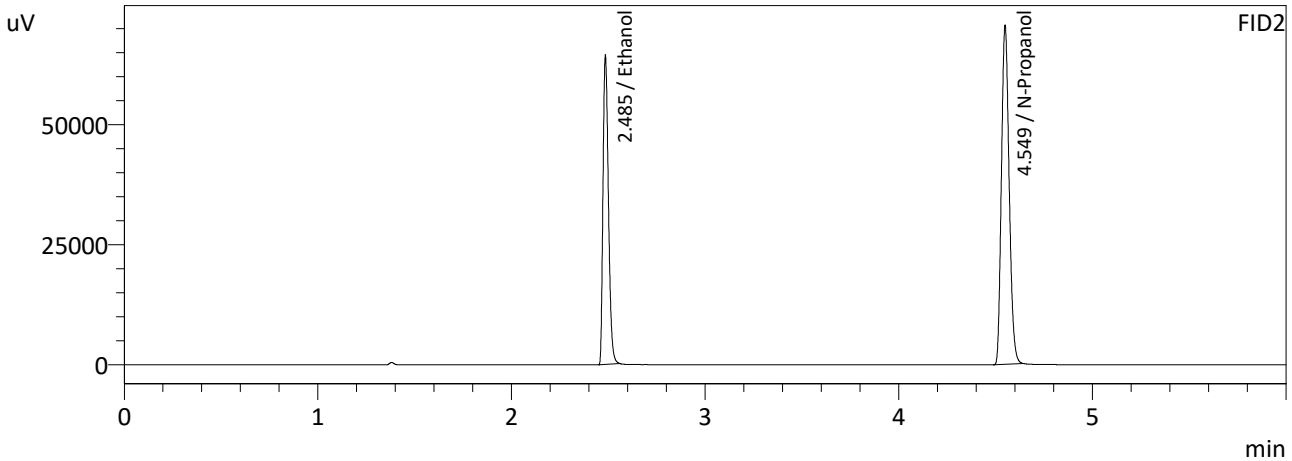
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1980	82009	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194572	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 9/4/2026 2:54:56 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

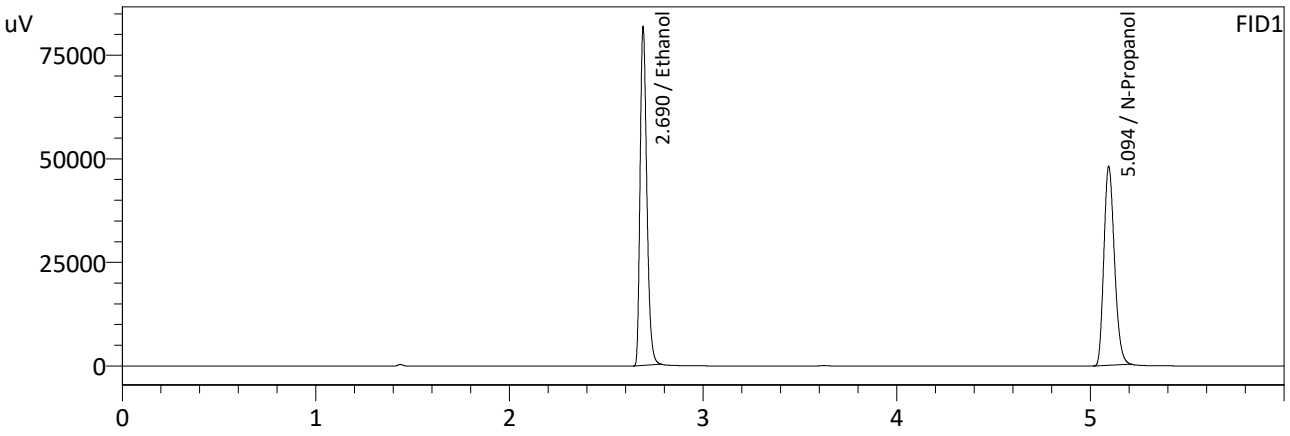
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2985	116619	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182598	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

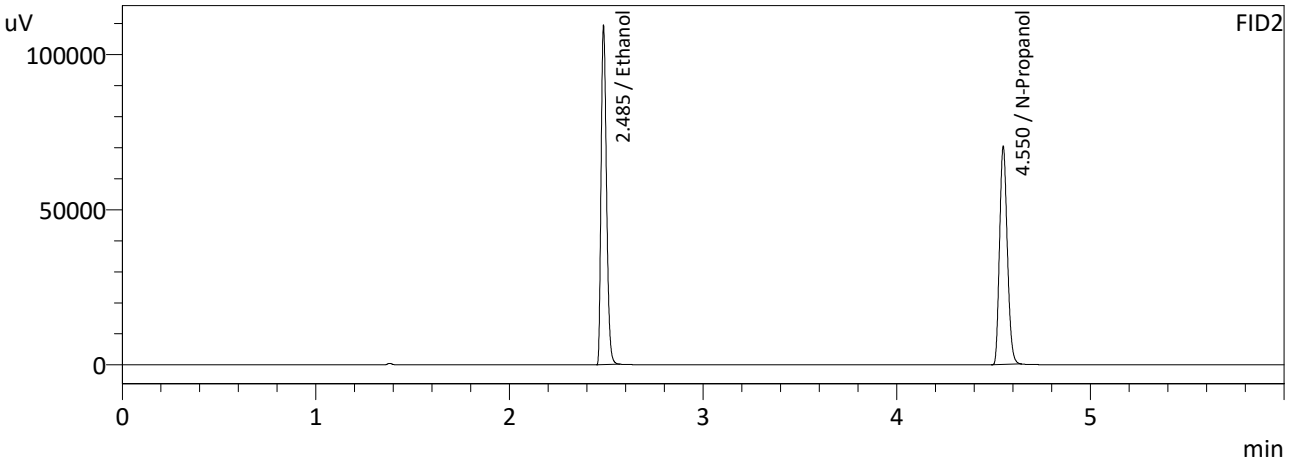
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2989	125389	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195465	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 9/4/2026 3:06:52 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

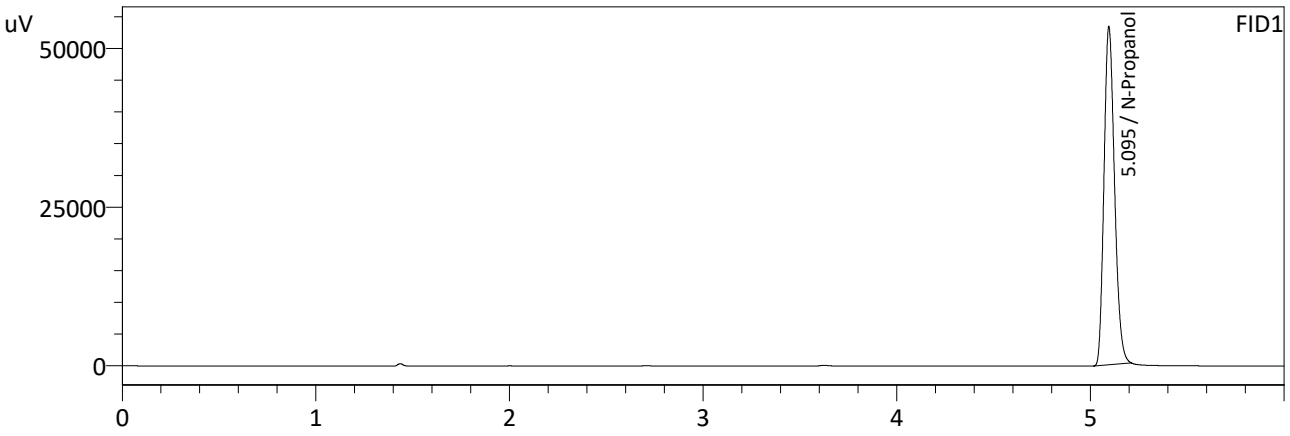
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5014	197085	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182488	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

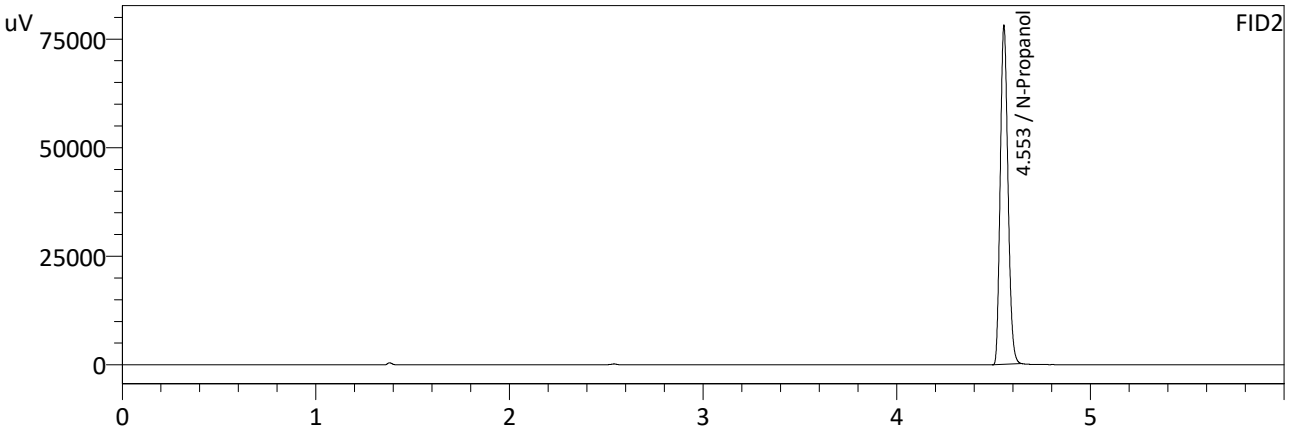
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5012	211417	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195263	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK
Laboratory : Meridian
Injection Date : 9/4/2026 3:19:13 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201358	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	216275	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111
Copyright (C) 2008-2020 Shimadzu Corporation

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL 260904NB.gcm
2	0.100	1:Standard	2	ALCOHOL 260904NB.gcm
3	0.200	1:Standard	3	ALCOHOL 260904NB.gcm
4	0.300	1:Standard	4	ALCOHOL 260904NB.gcm
5	0.500	1:Standard	5	ALCOHOL 260904NB.gcm
6	ISTD BLK	0:Unknown	0	ALCOHOL 260904NB.gcm

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA

Analysis Date(s): 9/4/2026 4:52:00 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0806	0.0808	0.0002	0.0807	0.0009	0.0811
(g/100cc)	0.0815	0.0817	0.0002	0.0816		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_260904NB.gcm

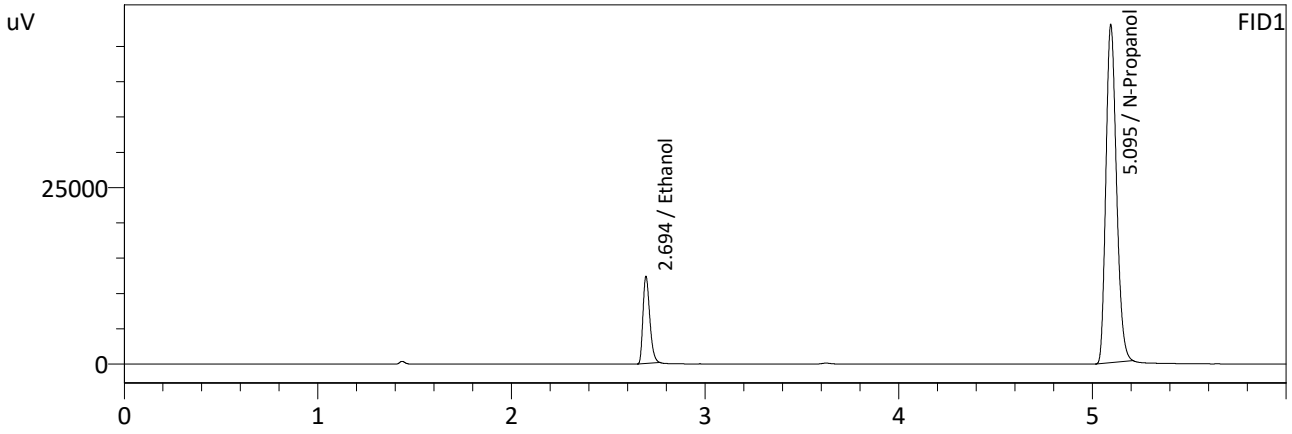
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low / High	5 % of Mean
0.081	0.076 / 0.086	0.005

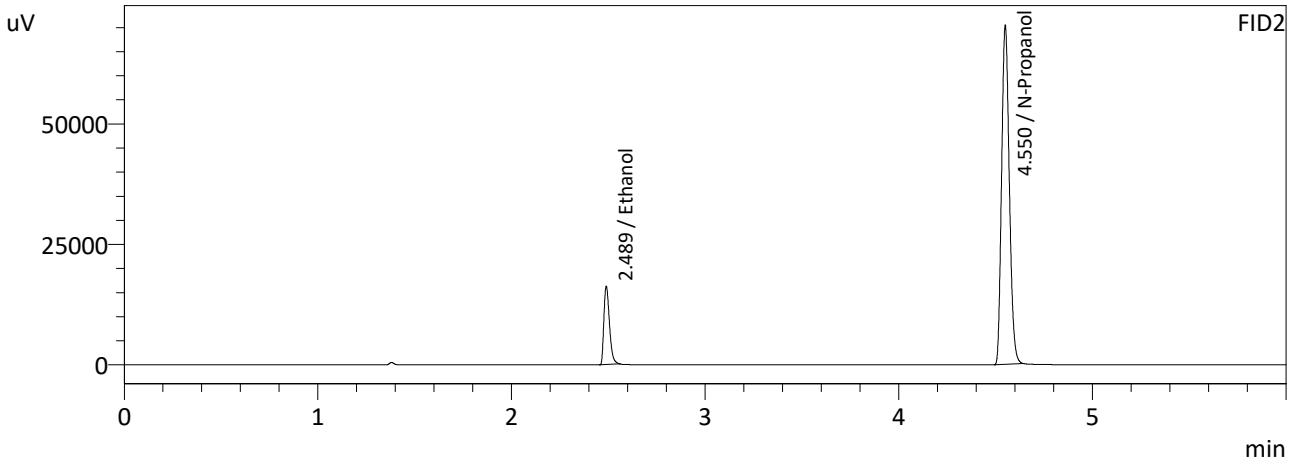
Reported Results
0.081

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 9/4/2026 4:52:00 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

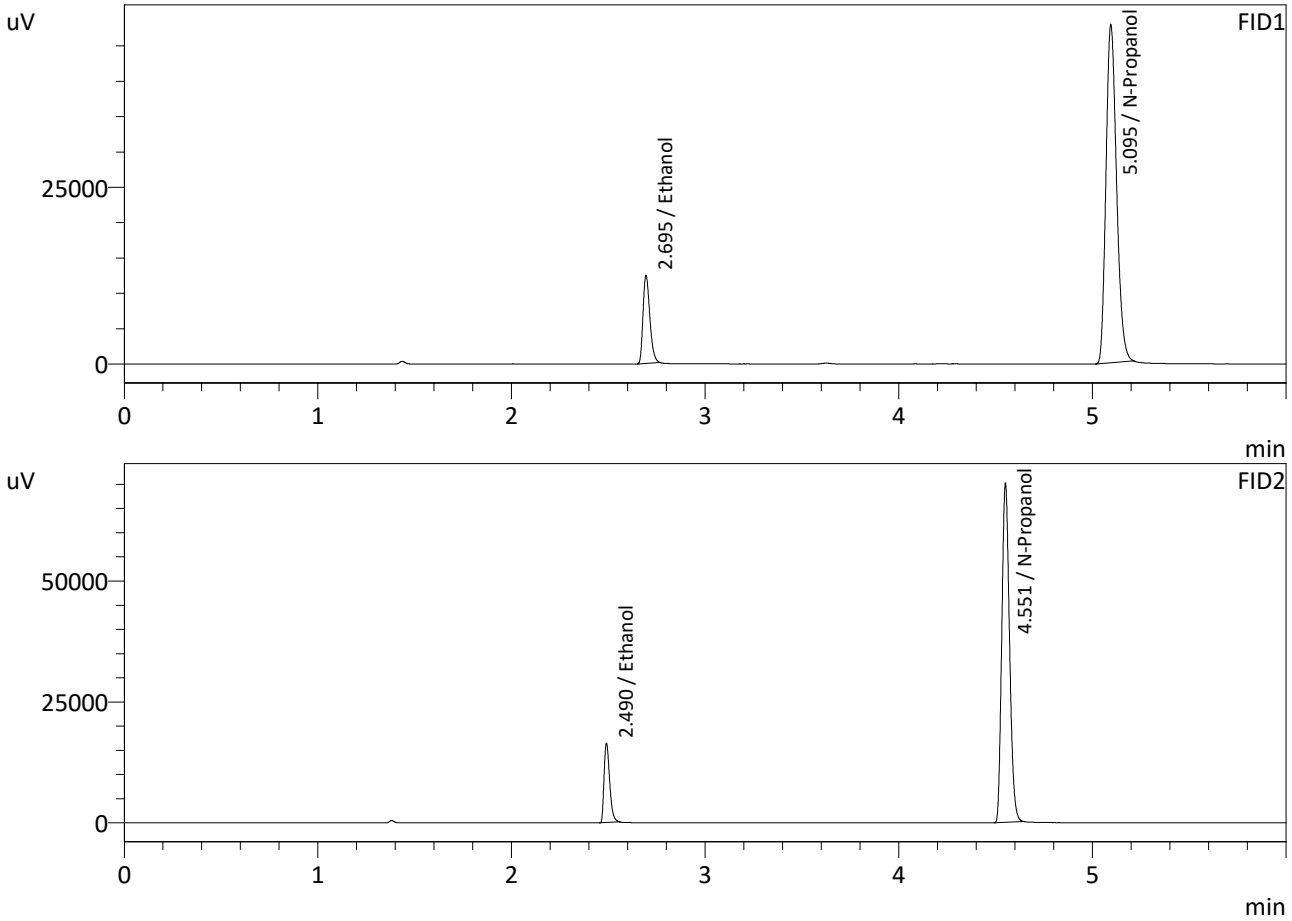
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	29934	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181688	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0808	32333	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194898	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 9/4/2026 5:04:12 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	30230	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181381	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	32630	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194383	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 9/4/2026 4:27:18 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0873	0.0871	0.0002	0.0872	0.0033	0.0855
(g/100cc)	0.0836	0.0843	0.0007	0.0839		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_260904NB.gcm

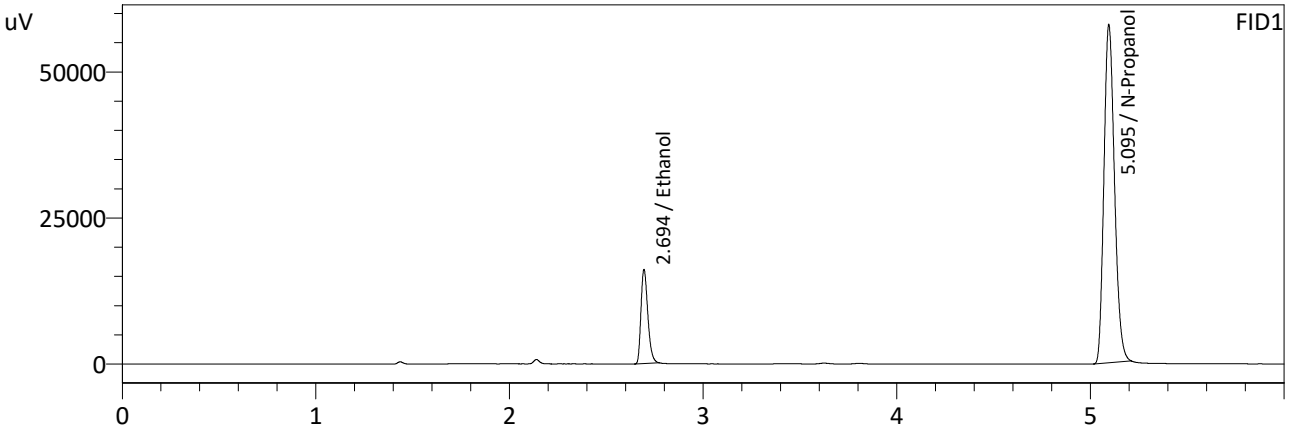
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.085	0.080	0.090	0.005

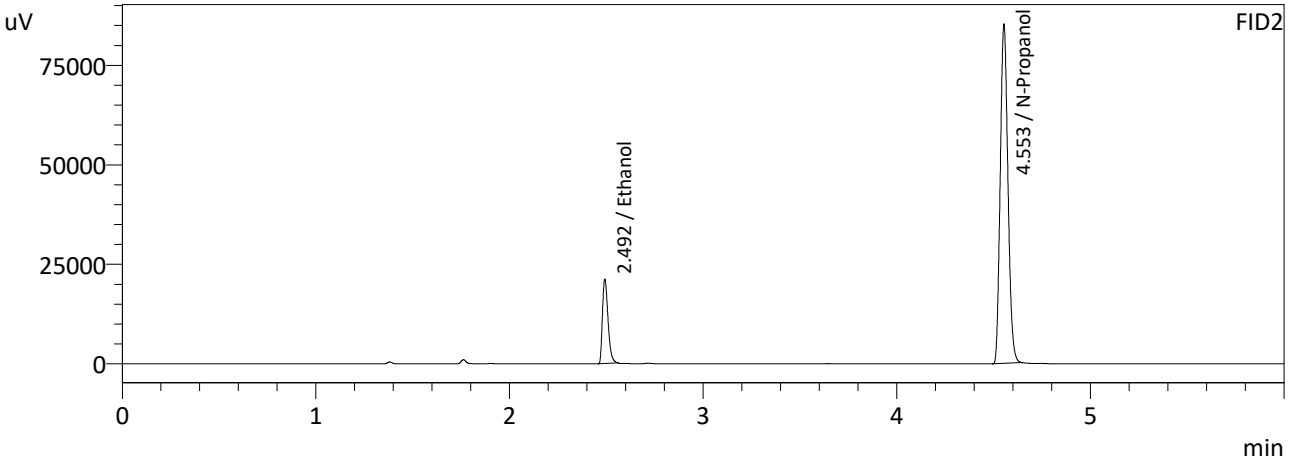
	Reported Results	
	0.085	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1
Laboratory : Meridian
Injection Date : 9/4/2026 4:27:18 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

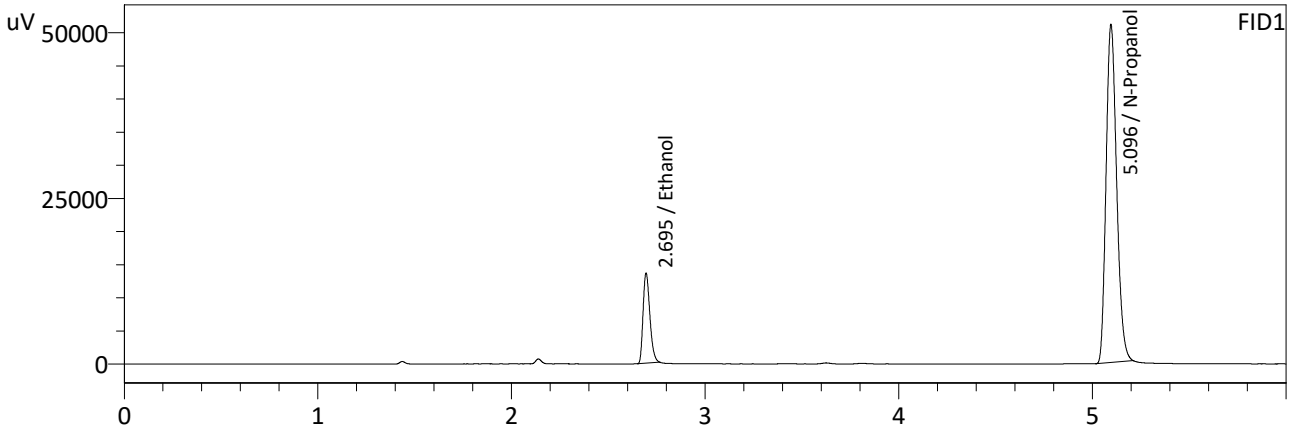
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0873	39291	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219310	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

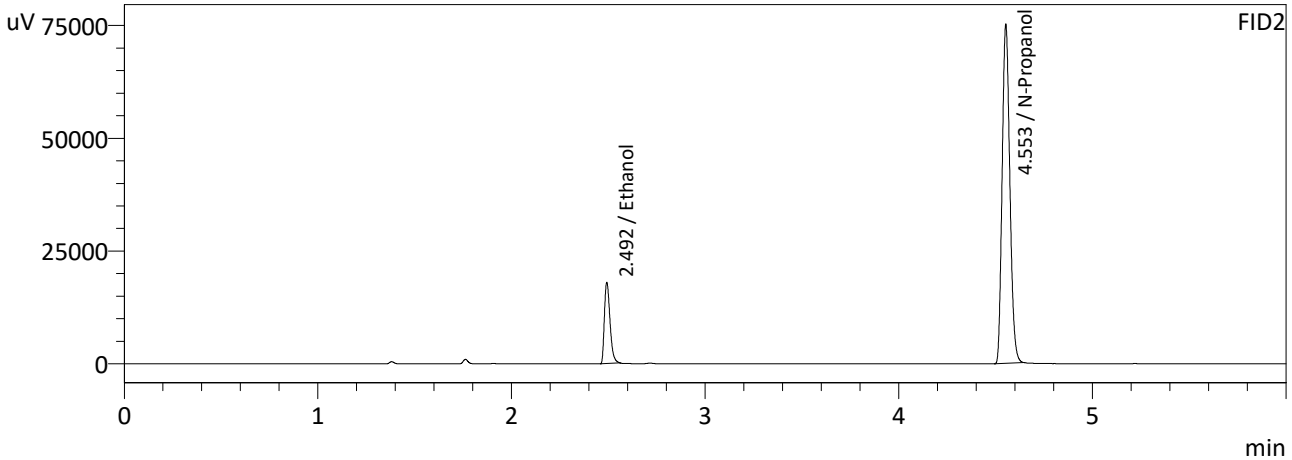
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0871	42300	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	235391	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 9/4/2026 4:39:52 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0836	33103	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193267	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0843	36081	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207854	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 9/5/2026 1:07:55 AM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0857	0.0863	0.0006	0.0860	0.0004	0.0862
(g/100cc)	0.0860	0.0868	0.0008	0.0864		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_260904NB.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

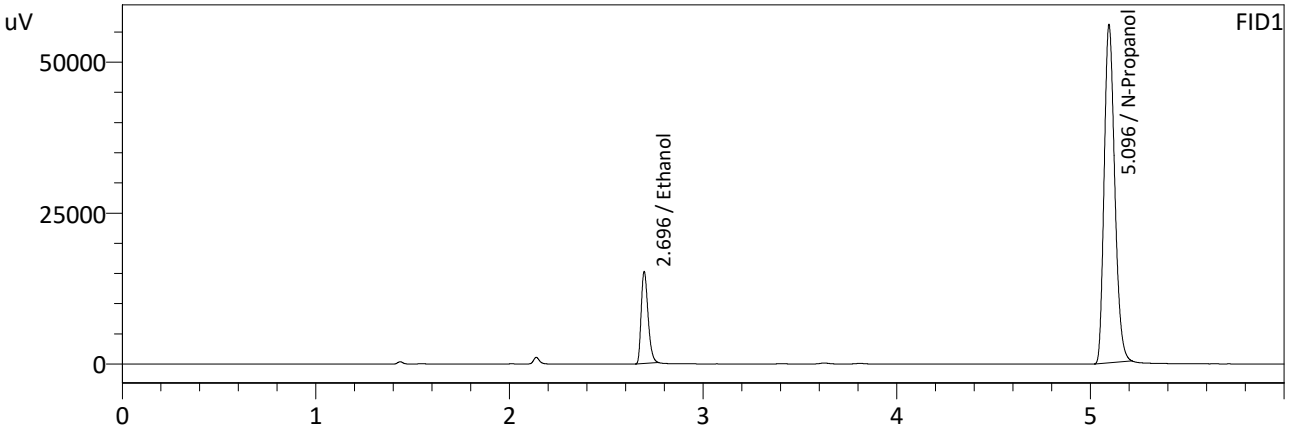
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.086	0.081	0.091	0.005

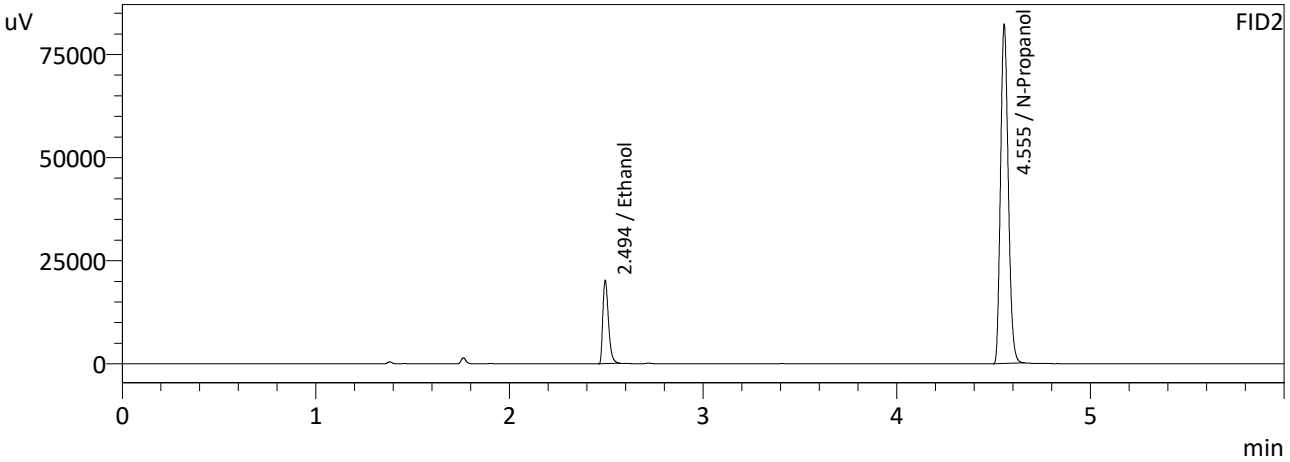
Reported Results
0.086

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2
Laboratory : Meridian
Injection Date : 9/5/2026 1:07:55 AM
Vial # : 45
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

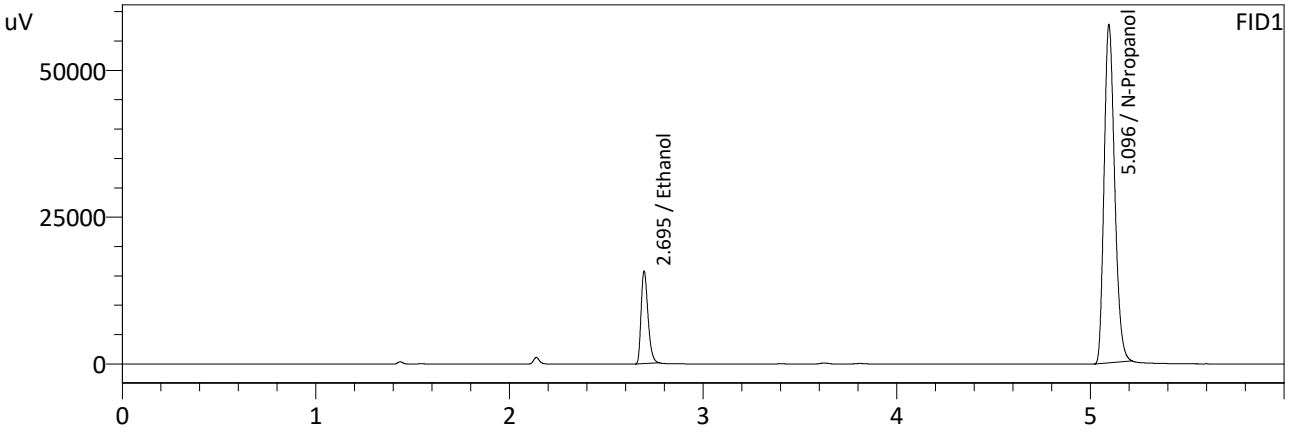
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0857	37302	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	212232	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

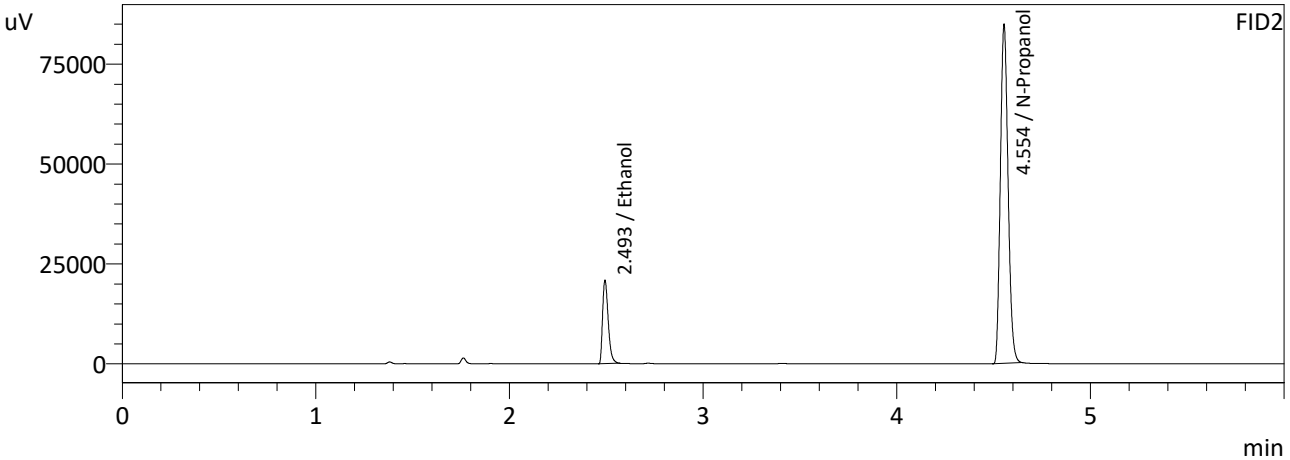
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0863	40618	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228224	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B
Laboratory : Meridian
Injection Date : 9/5/2026 1:20:08 AM
Vial # : 46
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0860	38523	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	218294	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0868	41963	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234558	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s): 9/4/2026 9:00:11 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2014	0.2015	0.0001	0.2014	0.0000	0.2014
(g/100cc)	0.2015	0.2013	0.0002	0.2014		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_260904NB.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

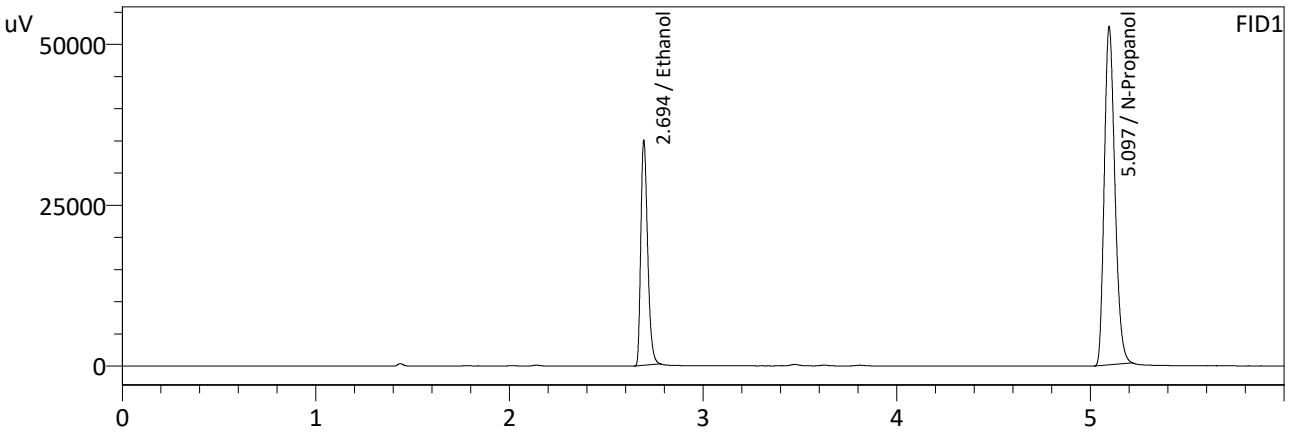
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.201	0.190	0.212	0.011

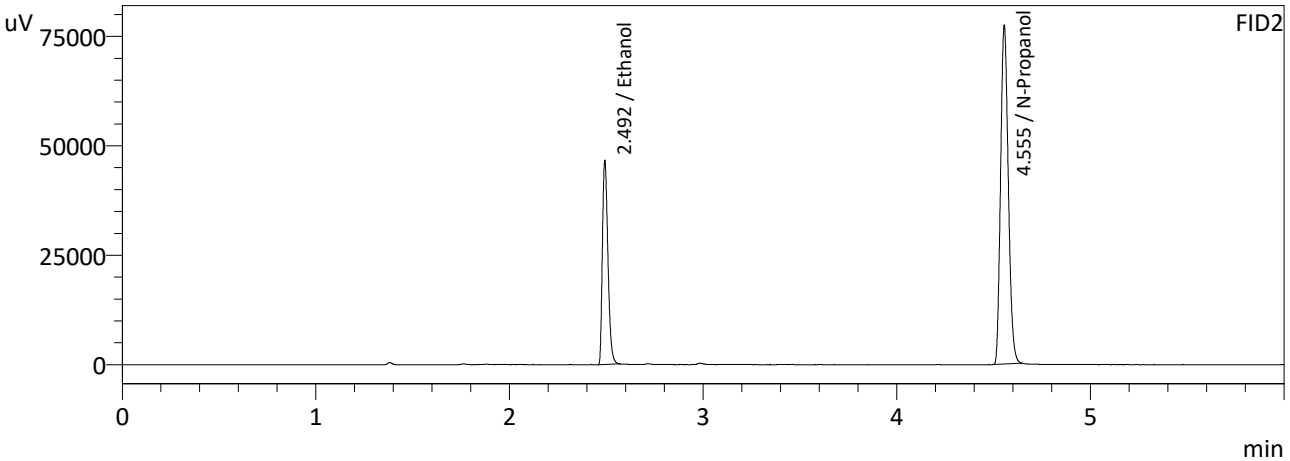
Reported Results
0.201

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1
Laboratory : Meridian
Injection Date : 9/4/2026 9:00:11 PM
Vial # : 25
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

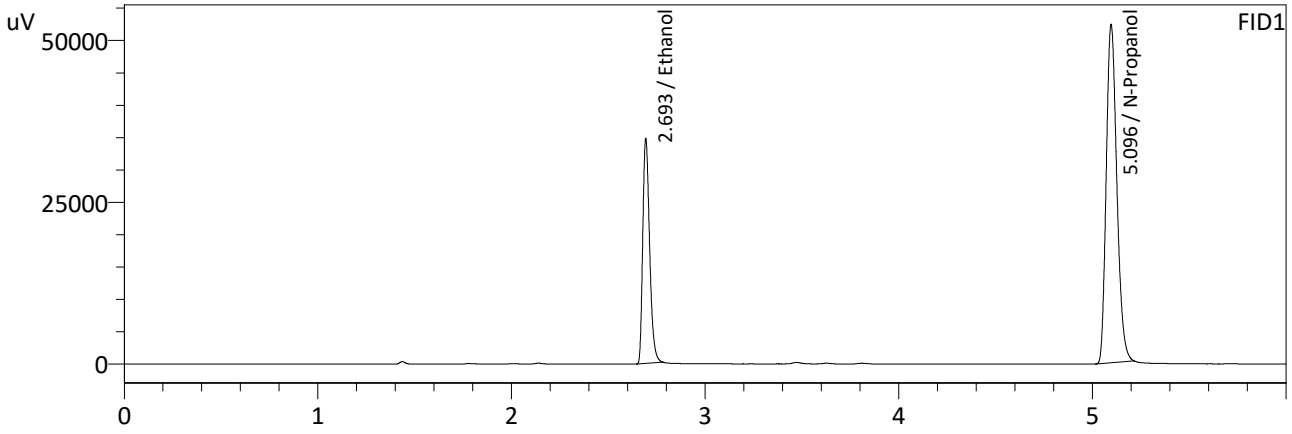
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2014	85354	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199677	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

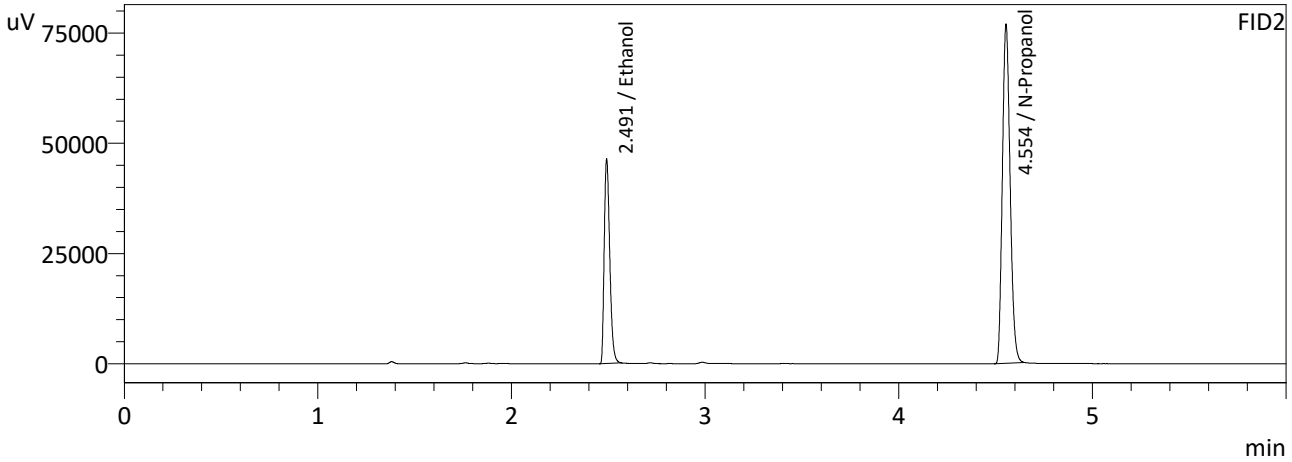
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2015	91971	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	214351	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 9/4/2026 9:12:40 PM
Vial # : 26
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2015	84962	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198708	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2013	91508	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213450	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2 Analysis Date(s): 9/5/2026 1:32:37 AM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2038	0.2039	0.0001	0.2038	0.0009	0.2042
(g/100cc)	0.2047	0.2047	0.0000	0.2047		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_260904NB.gcm

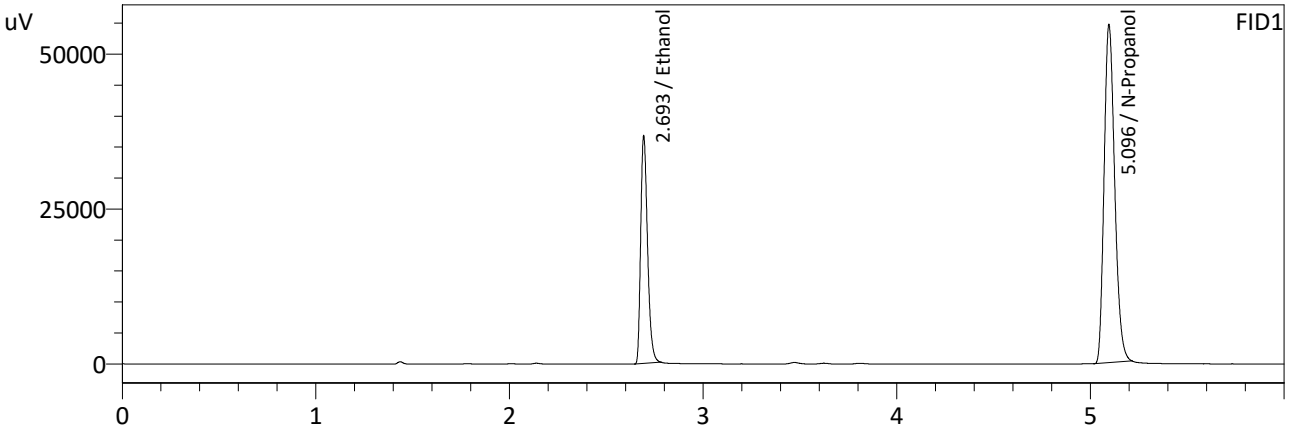
Reporting of Results	Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.204	0.193	0.215	0.011

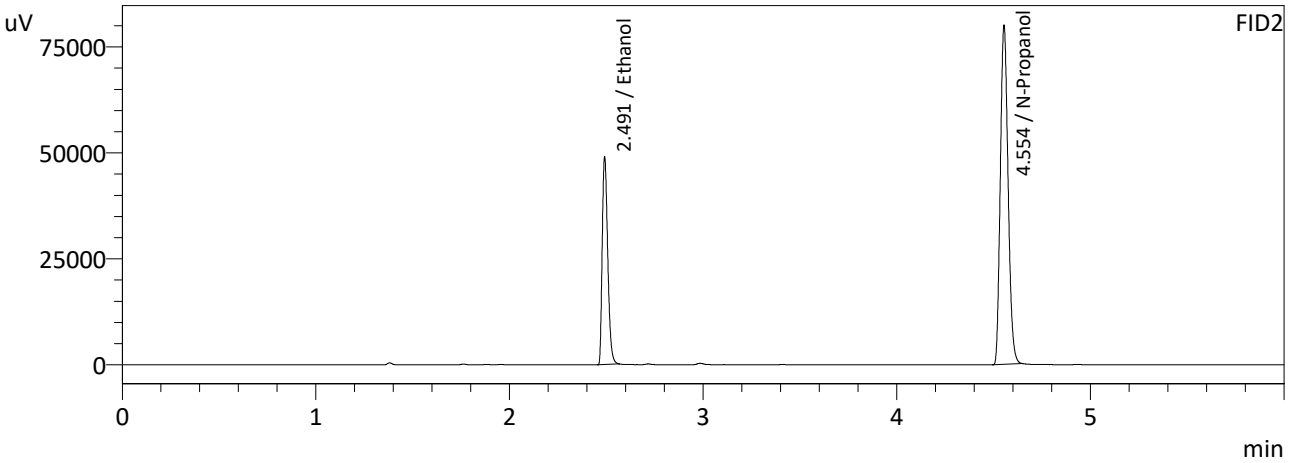
Reported Results
0.204

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2
Laboratory : Meridian
Injection Date : 9/5/2026 1:32:37 AM
Vial # : 47
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

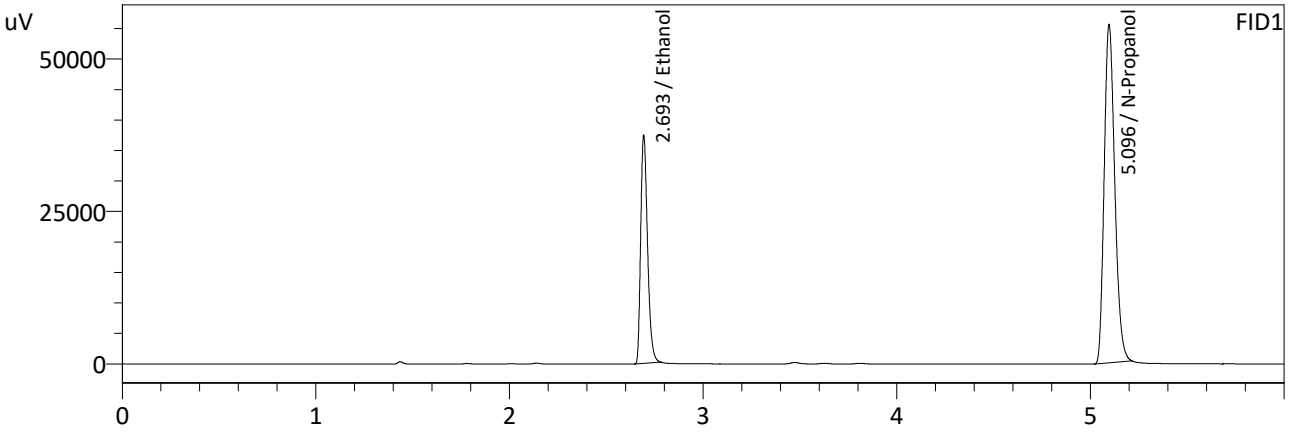
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2038	89680	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	207306	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

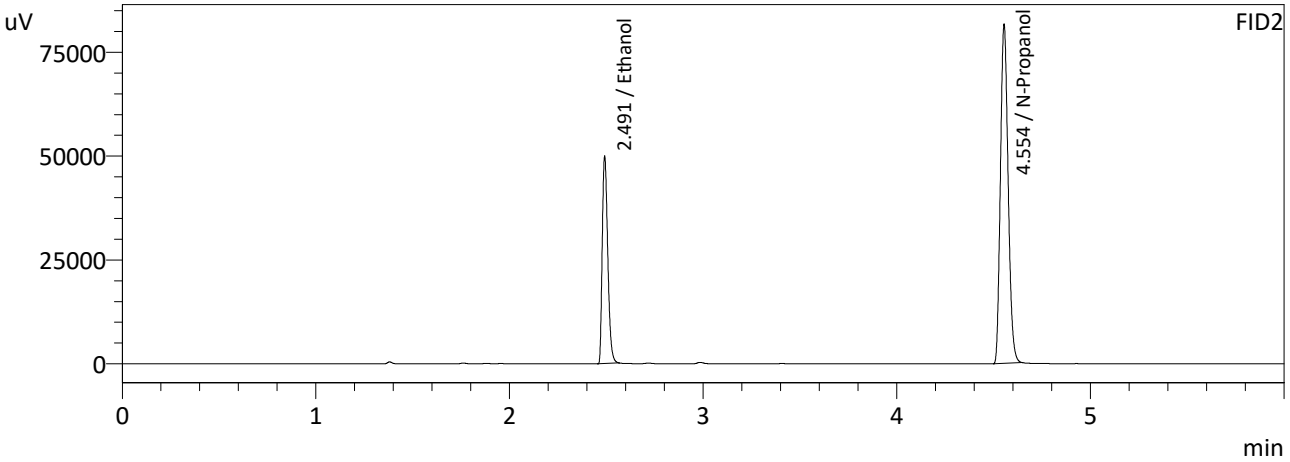
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2039	96626	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222457	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B
Laboratory : Meridian
Injection Date : 9/5/2026 1:44:31 AM
Vial # : 48
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

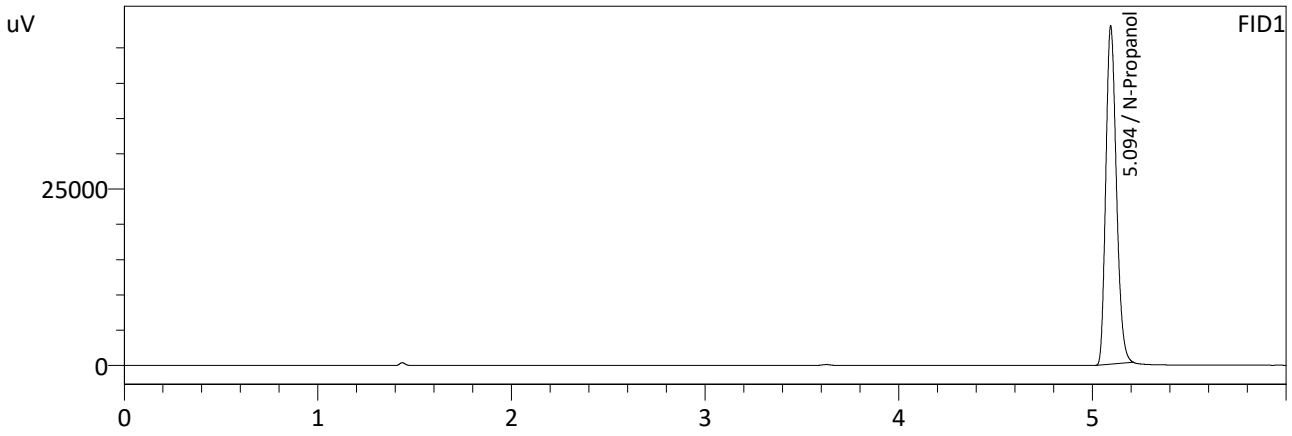
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2047	91436	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	210422	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

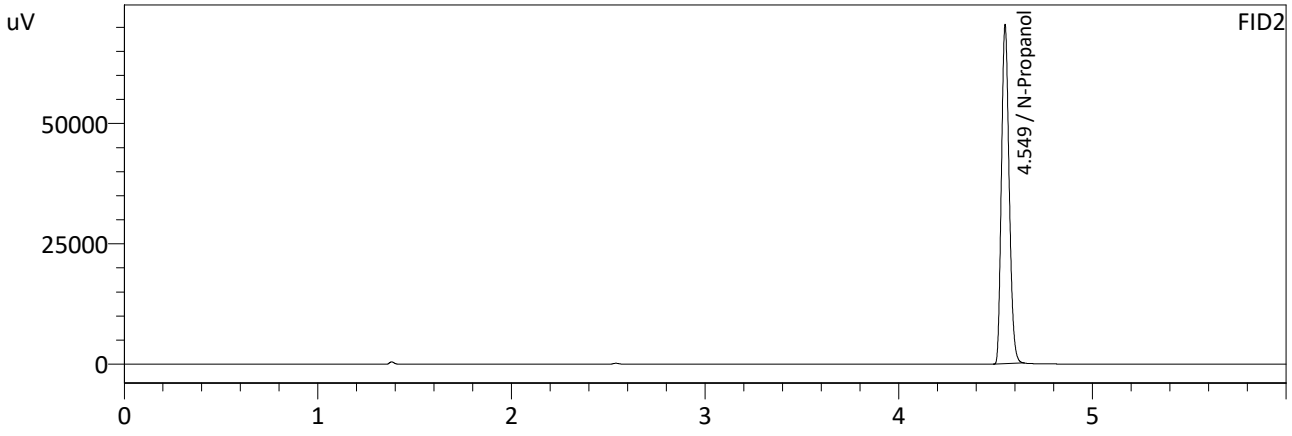
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2047	98456	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225823	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 1
Laboratory : Meridian
Injection Date : 9/4/2026 4:02:35 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

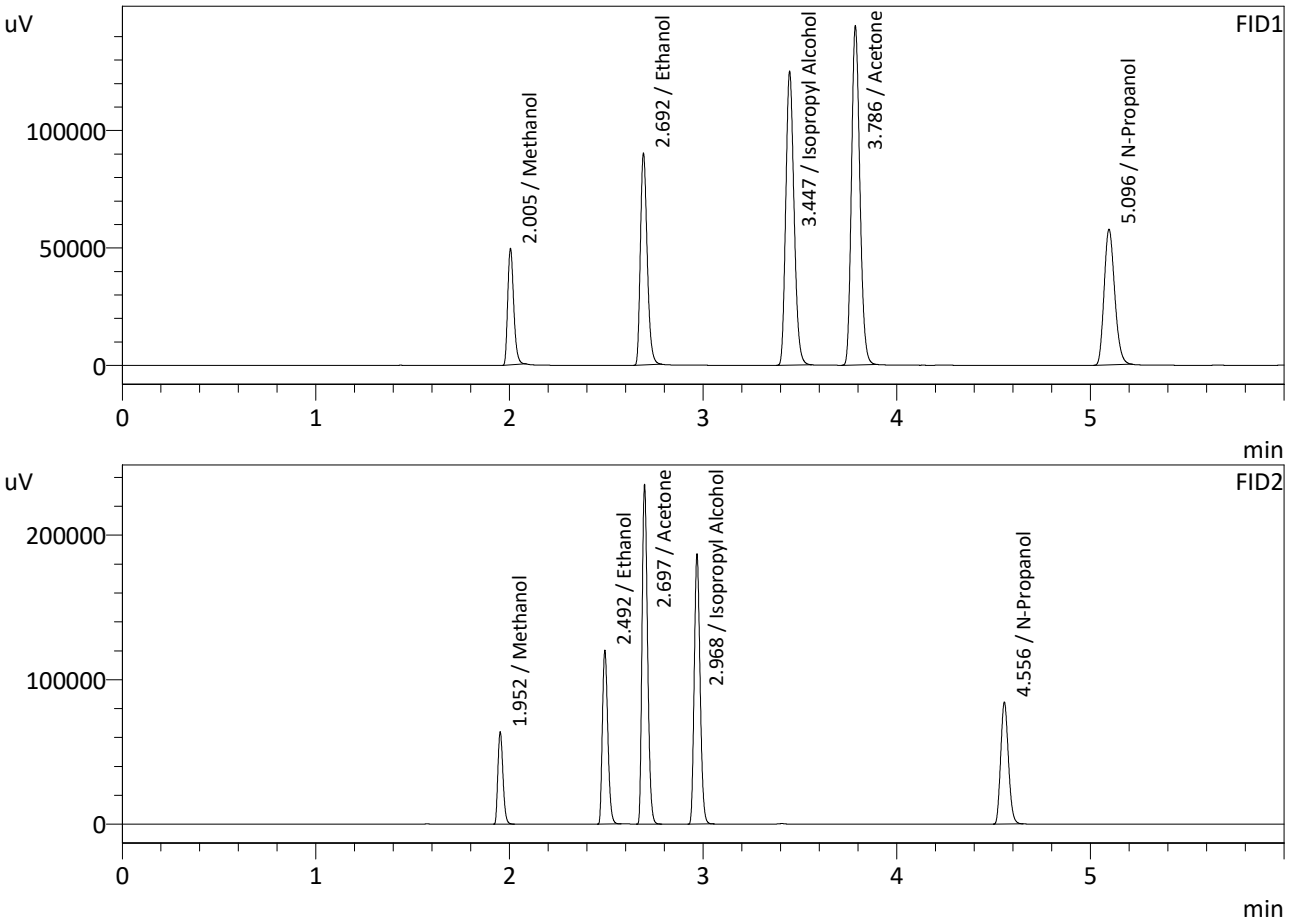
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181682	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195167	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 05302307
Laboratory : Meridian
Injection Date : 9/4/2026 4:15:22 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

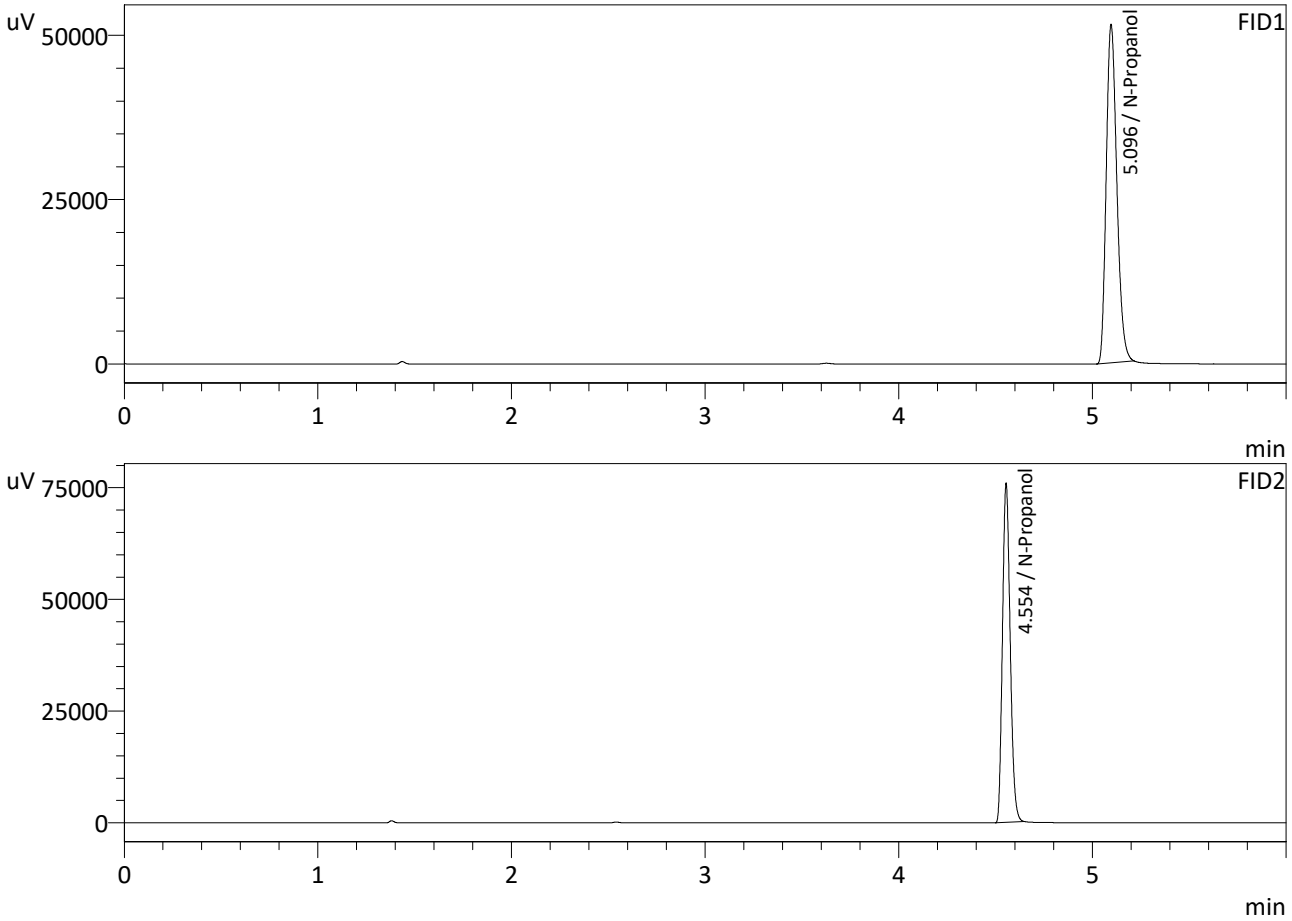
Name	Conc.	Area	Unit
Methanol	0.0000	105291	g/100cc
Ethanol	0.4667	219124	g/100cc
Isopropyl Alcohol	0.0000	370121	g/100cc
Acetone	0.0000	433743	g/100cc
N-Propanol	0.0000	218144	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	115725	g/100cc
Ethanol	0.4661	234500	g/100cc
Acetone	0.0000	463348	g/100cc
Isopropyl Alcohol	0.0000	390893	g/100cc
N-Propanol	0.0000	233058	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 2
Laboratory : Meridian
Injection Date : 9/5/2026 1:57:09 AM
Vial # : 49
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

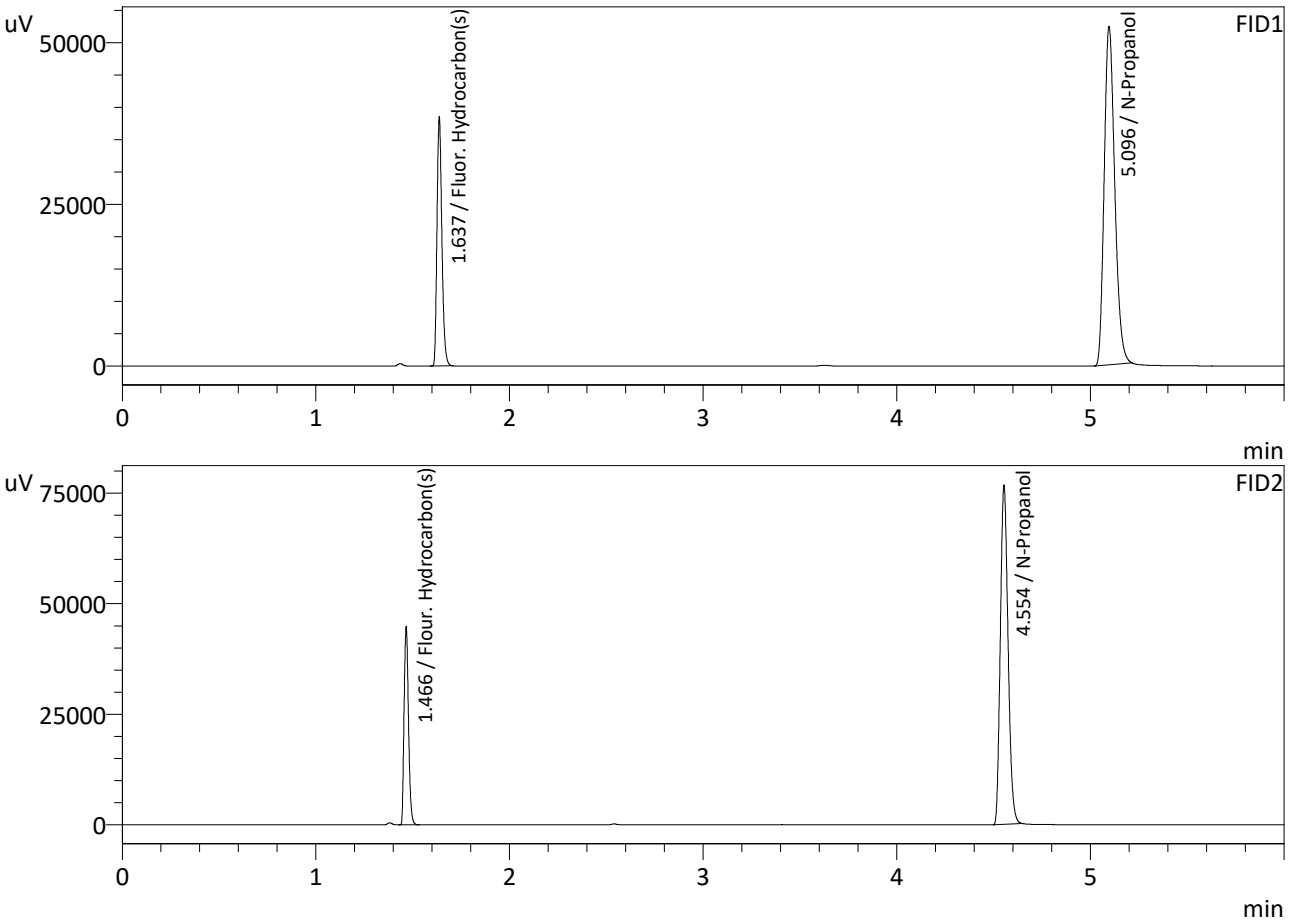
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195588	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210096	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : 9/5/2026 2:09:27 AM
Vial # : 50
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409



FID1

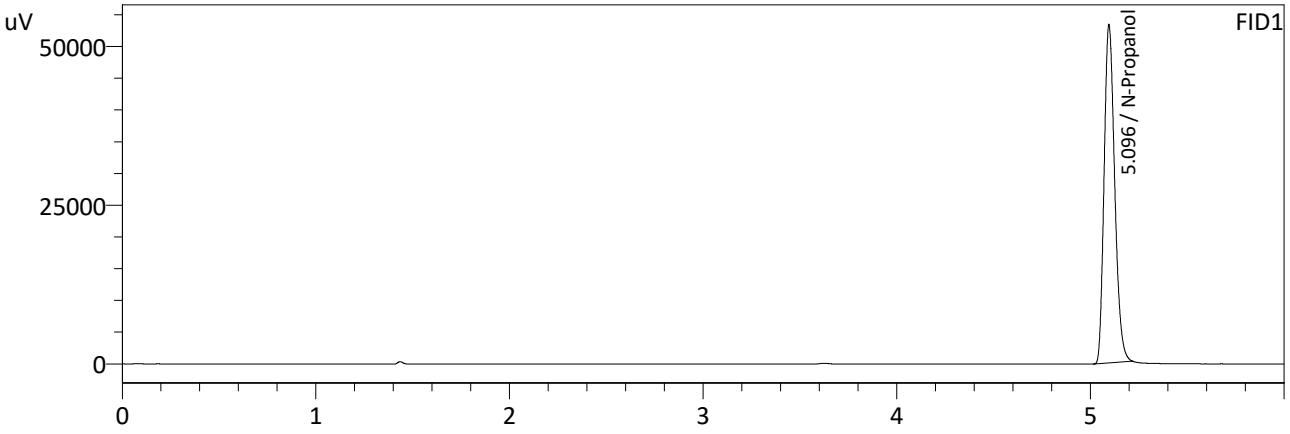
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197788	g/100cc
Fluor. Hydrocarbon(s)	0.0000	67289	g/100cc

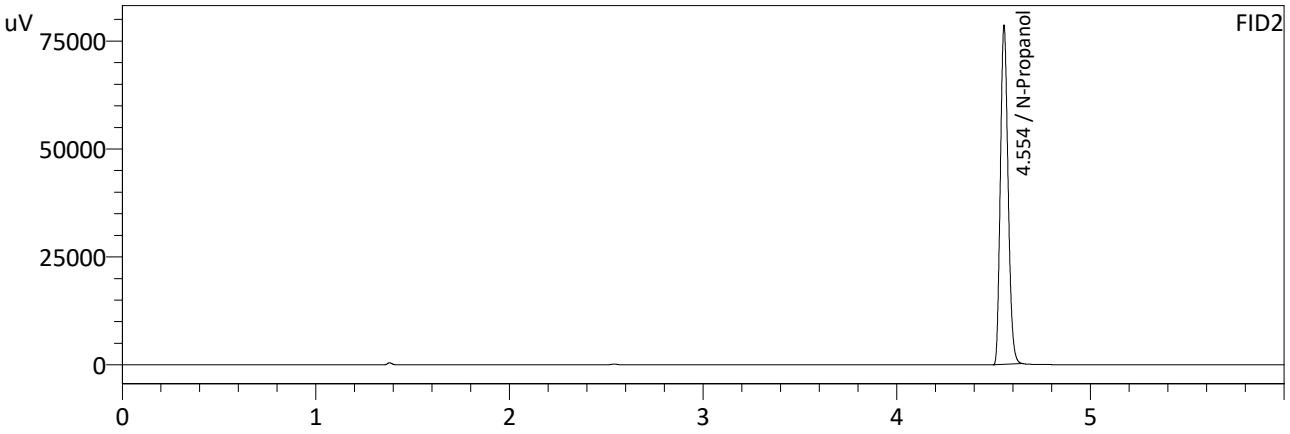
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	212235	g/100cc
Flour. Hydrocarbon(s)	0.0000	70594	g/100cc

NB

Sample Name : ISTD BLK 3
Laboratory : Meridian
Injection Date : 9/5/2026 2:21:37 AM
Vial # : 51
Method Filename : Default Project - ALCOHOL_260904NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	202370	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	217299	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
Shimadzu HS-20 Serial #C12595800409
Lab Solutions Database Software Ver. 6.111
Copyright (C) 2008-2020 Shimadzu Corporation

Should be 3427

NB 9/8/26

Vial#	Sample Name	Sample Type	Level#	Method File
1	ISTD BLK 1	0:Unknown	0	ALCOHOL 260904NB.gcm
2	ED VOLATILES FN 0530	0:Unknown	1	ALCOHOL 260904NB.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 260904NB.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 260904NB.gcm
6	0.08 QA-B	0:Unknown	0	ALCOHOL 260904NB.gcm
7	M2026-~~3527~~-2	0:Unknown	0	ALCOHOL 260904NB.gcm
8	M2026-~~3527~~-2-B	0:Unknown	0	ALCOHOL 260904NB.gcm
9	M2026-3433-1	0:Unknown	0	ALCOHOL 260904NB.gcm
10	M2026-3433-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
11	M2026-3471-1	0:Unknown	0	ALCOHOL 260904NB.gcm
12	M2026-3471-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
13	M2026-3495-1	0:Unknown	0	ALCOHOL 260904NB.gcm
14	M2026-3495-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
15	M2026-3496-1	0:Unknown	0	ALCOHOL 260904NB.gcm
16	M2026-3496-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
17	M2026-3497-1	0:Unknown	0	ALCOHOL 260904NB.gcm
18	M2026-3497-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
19	M2026-3514-1	0:Unknown	0	ALCOHOL 260904NB.gcm
20	M2026-3514-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
21	M2026-3525-1	0:Unknown	0	ALCOHOL 260904NB.gcm
22	M2026-3525-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
23	M2026-3527-1	0:Unknown	0	ALCOHOL 260904NB.gcm
24	M2026-3527-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 260904NB.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
27	M2026-3528-1	0:Unknown	0	ALCOHOL 260904NB.gcm
28	M2026-3528-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
29	M2026-3547-1	0:Unknown	0	ALCOHOL 260904NB.gcm
30	M2026-3547-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
31	M2026-3548-1	0:Unknown	0	ALCOHOL 260904NB.gcm
32	M2026-3548-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
33	M2026-3555-1	0:Unknown	0	ALCOHOL 260904NB.gcm
34	M2026-3555-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
35	M2026-3556-1	0:Unknown	0	ALCOHOL 260904NB.gcm
36	M2026-3556-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
37	M2026-3557-1	0:Unknown	0	ALCOHOL 260904NB.gcm
38	M2026-3557-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
39	M2026-3558-1	0:Unknown	0	ALCOHOL 260904NB.gcm
40	M2026-3558-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
41	M2026-3575-1	0:Unknown	0	ALCOHOL 260904NB.gcm
42	M2026-3575-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
43	M2026-3576-1	0:Unknown	0	ALCOHOL 260904NB.gcm
44	M2026-3576-1-B	0:Unknown	0	ALCOHOL 260904NB.gcm
45	QC-1-2	0:Unknown	0	ALCOHOL 260904NB.gcm
46	QC-1-2-B	0:Unknown	0	ALCOHOL 260904NB.gcm
47	QC-2-2	0:Unknown	0	ALCOHOL 260904NB.gcm
48	QC-2-2-B	0:Unknown	0	ALCOHOL 260904NB.gcm
49	ISTD BLK 2	0:Unknown	0	ALCOHOL 260904NB.gcm
50	DFE 111914OM	0:Unknown	0	ALCOHOL 260904NB.gcm
51	ISTD BLK 3	0:Unknown	0	ALCOHOL 260904NB.gcm

NB