Worklist: 7234

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION	
M2025-3210	1	BCK	Alcohol Analysis	
M2025-3211	1	BCK	Alcohol Analysis	
M2025-3211	2	BCK	Alcohol Analysis	
M2025-3214	1	BCK	Alcohol Analysis	
M2025-3224	1	BCK	Alcohol Analysis	
M2025-3237	1	BCK	Alcohol Analysis	
M2025-3249	1	BCK	Alcohol Analysis	
M2025-3251	1	BCK	Alcohol Analysis	
M2025-3264	1	BCK	Alcohol Analysis	
M2025-3272	1	BCK	Alcohol Analysis	QUALITATIVE ONLY
M2025-3309	1	BCK	Alcohol Analysis	
M2025-3310	1	BCK	Alcohol Analysis	
M2025-3320	1	BCK	Alcohol Analysis	
M2025-3330	1	BCK	Alcohol Analysis	
M2025-3331	1	BCK	Alcohol Analysis	
M2025-3348	1	BCK	Alcohol Analysis	
M2025-3357	1	BCK	Alcohol Analysis	
M2025-3373	1	BCK	Alcohol Analysis	
M2025-3374	1	BCK	Alcohol Analysis	

NB

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): 8/19/25-8/20/25**

Calibration Date: 8/19/25

Worklist #: 7234

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	May-27	2302119	0.0837	0.0754-0.0920	0.0829 g/100cc
					0.0853 g/100cc
					g/100cc
Level 2	May-27	2302120	0.2054	0.1849-0.2259	0.2000 g/100cc
					0.2003 g/100cc
					g/100cc
Multi-Component mixture:	**Exp:**	**28-May**	**Lot #**	FN05302307	
Curve Fit:		**Column 1**	0.99975	**Column2**	0.99978

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0530	0.0530	0	0.053
100	0.100	0.090 - 0.110	0.1001	0.0998	0.0003	0.0999
200	0.200	0.180 - 0.220	0.1970	0.1971	1E-04	0.197
300	0.300	0.270 - 0.330	0.2971	0.2976	0.0005	0.2973
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5025	0.5022	0.0003	0.5023

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

NB

REVIEWED
By Rachel Cutler at 1:49 pm, Aug 20, 2025

Internal Standard Monitoring Worksheet

Worklist #:	7234	Run Date(s):	8/19/25-8/20/25

Internal Standard Solution:	Prep Date: 6/24/2025	Exp Date: 12/24/2025

Sample Name	Column 1 Value	Column 2 Value
0.080	185416	198932
0.080	186535	200317
QC1	187091	200972
QC1	186360	200186
QC1	216958	232586
QC1	220201	236337
QC1		
QC1		
QC2	216655	232356
QC2	213047	228459
QC2	226881	243005
QC2	229091	245443
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	206823.5	165458.8	248188.2
Column 2	221859.3	177487.4	266231.2

NB

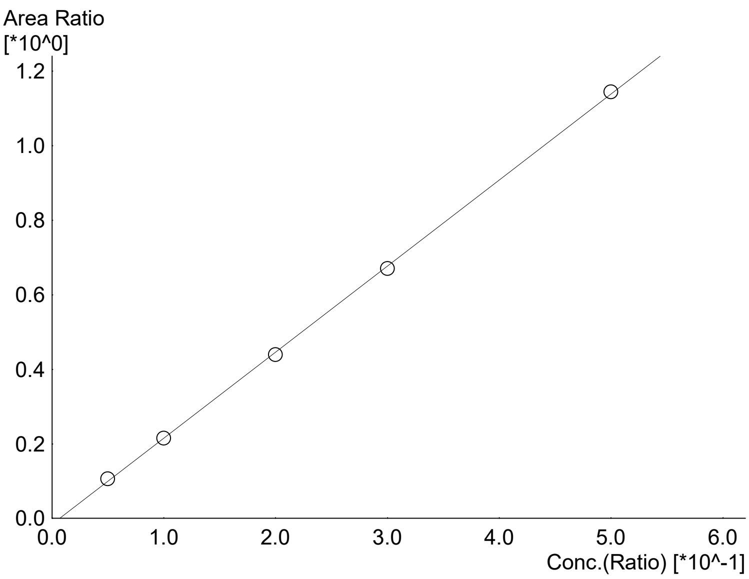
Calibration Table

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

<<Method File>>
Method File :Default Project - ALCOHOL_250819NB.gcm
Date Created :8/19/2025 1:23:56 PM
Date Modified :8/20/2025 8:11:02 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)=2.30819*x-0.0159698
R^2 value= 0.9997503
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	19418	0.0530
2	0.100	38794	0.1001
3	0.200	79504	0.1970
4	0.300	121956	0.2971
5	0.500	210004	0.5025

NB

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

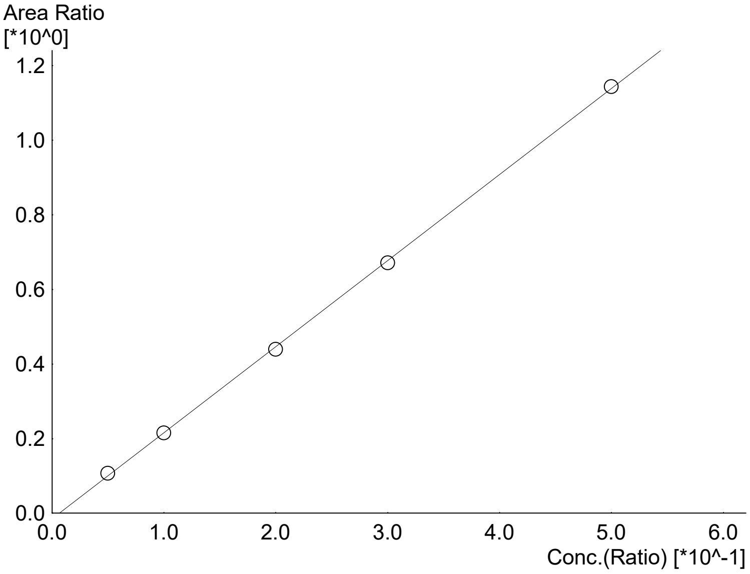
#	Conc.	Area	Std. Conc.

NB

Not Ready

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)=2.30782*x-0.0156557
R^2 value= 0.9997787
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20936	0.0530
2	0.100	41706	0.0998
3	0.200	85352	0.1971
4	0.300	130984	0.2976
5	0.500	224939	0.5022

Not Ready

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

#	Conc.	Area	Std. Conc.

NB

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.

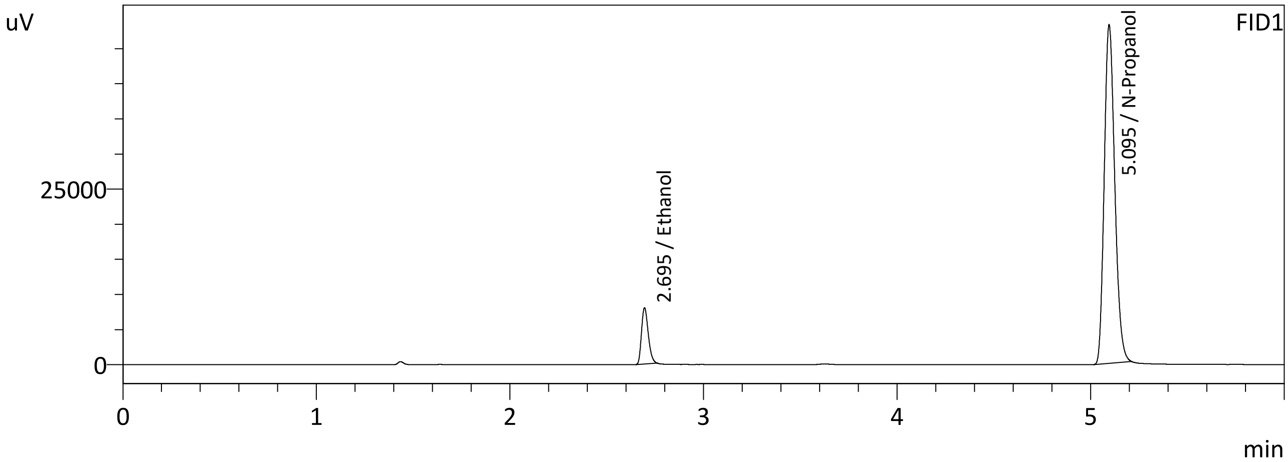
Not Ready

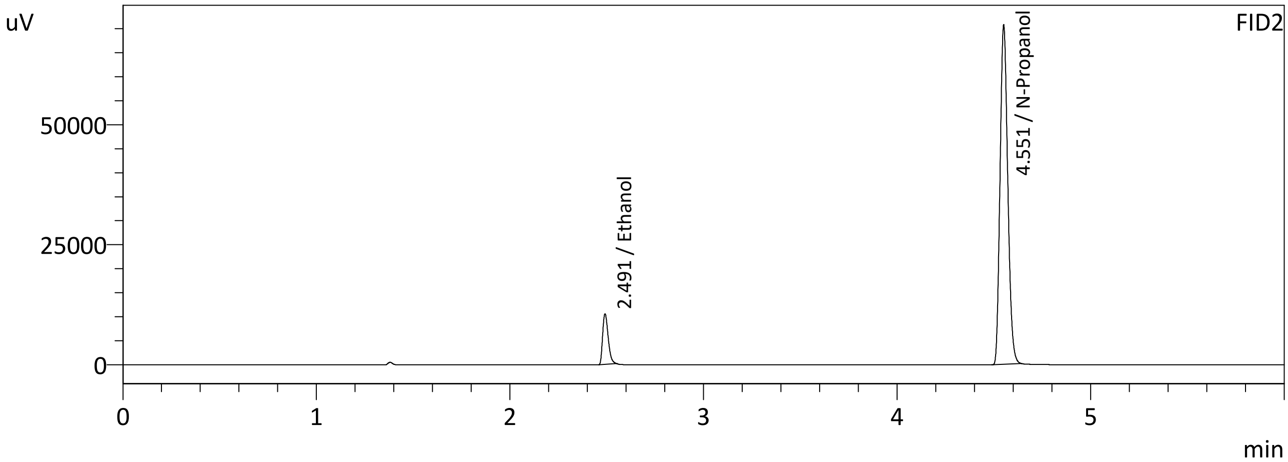
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

NB

Sample Name	: 0.050
Laboratory	: Meridian
Injection Date	: 8/19/2025 3:24:55 PM
Vial #	: 1
Method Filename	: Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

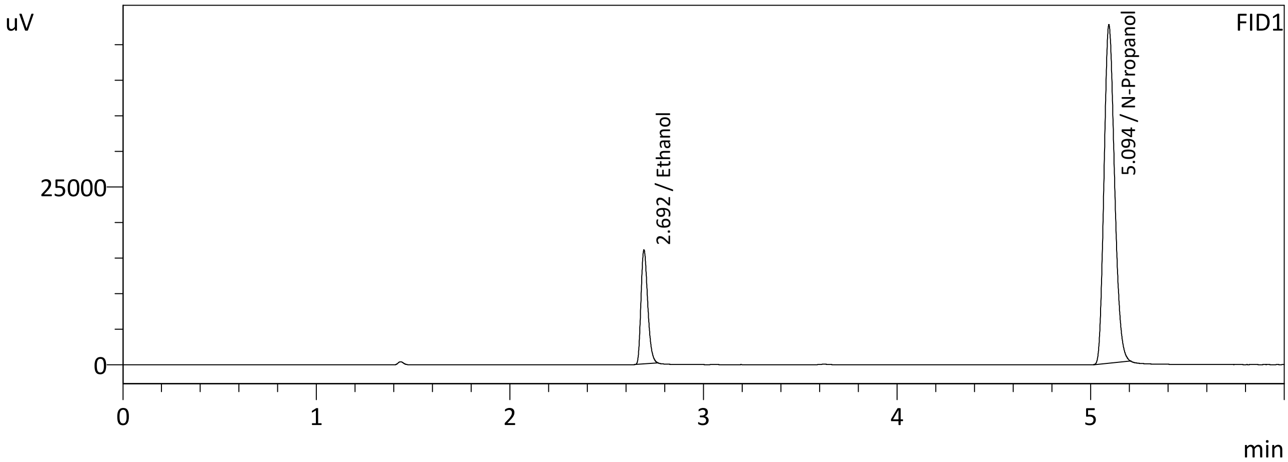
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0530	19418	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182418	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

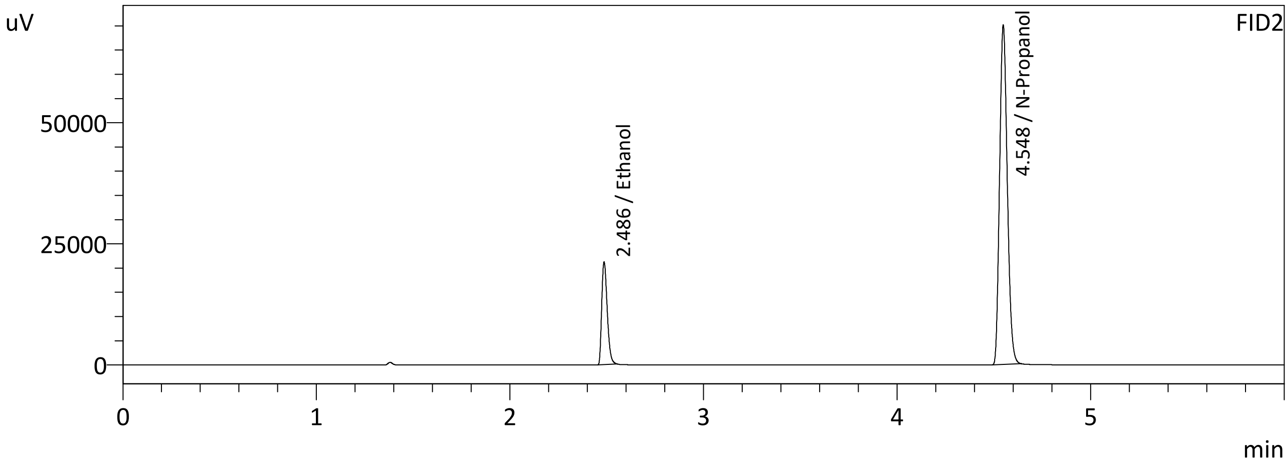
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0530	20936	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196061	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
Laboratory : Meridian
Injection Date : 8/19/2025 3:37:42 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

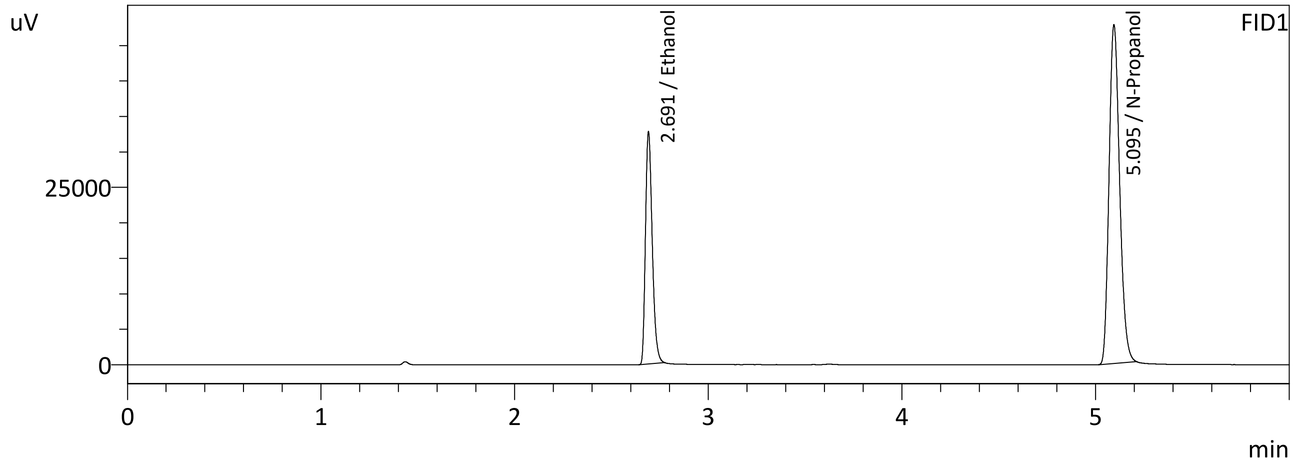
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1001	38794	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180229	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

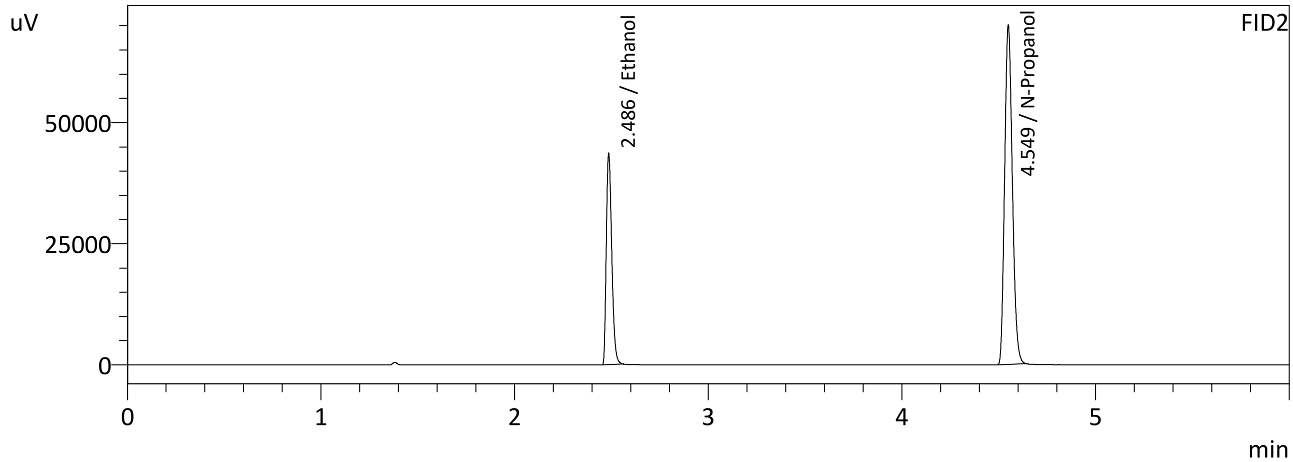
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0998	41706	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194078	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
Laboratory : Meridian
Injection Date : 8/19/2025 3:49:39 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

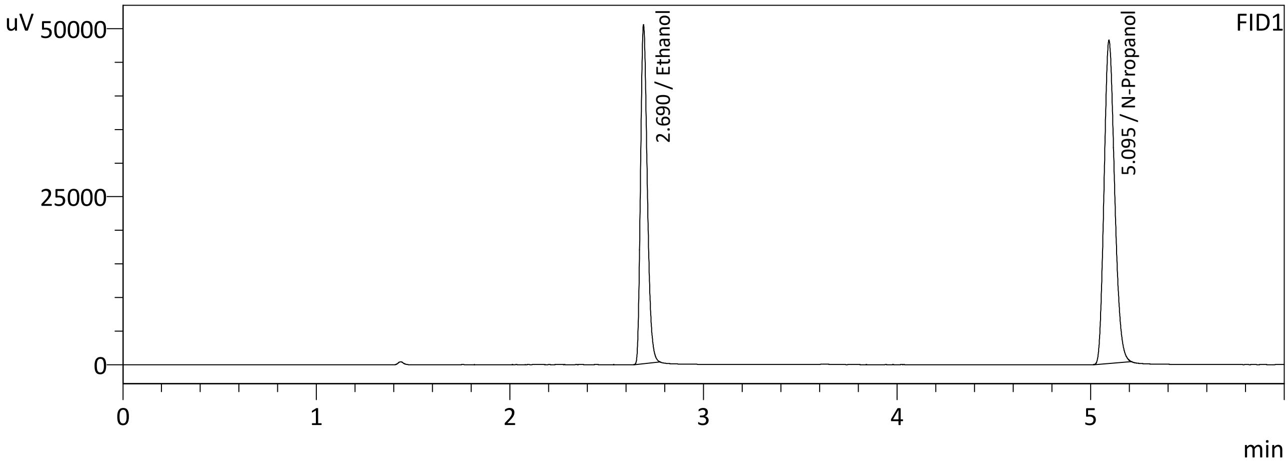
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1970	79504	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181124	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

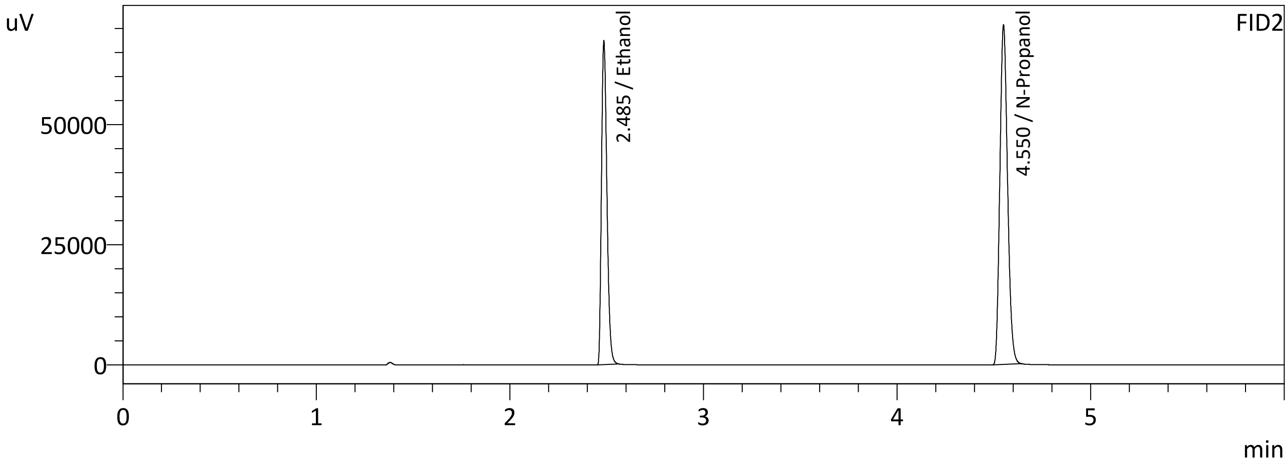
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	85352	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	194303	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
Laboratory : Meridian
Injection Date : 8/19/2025 4:01:51 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

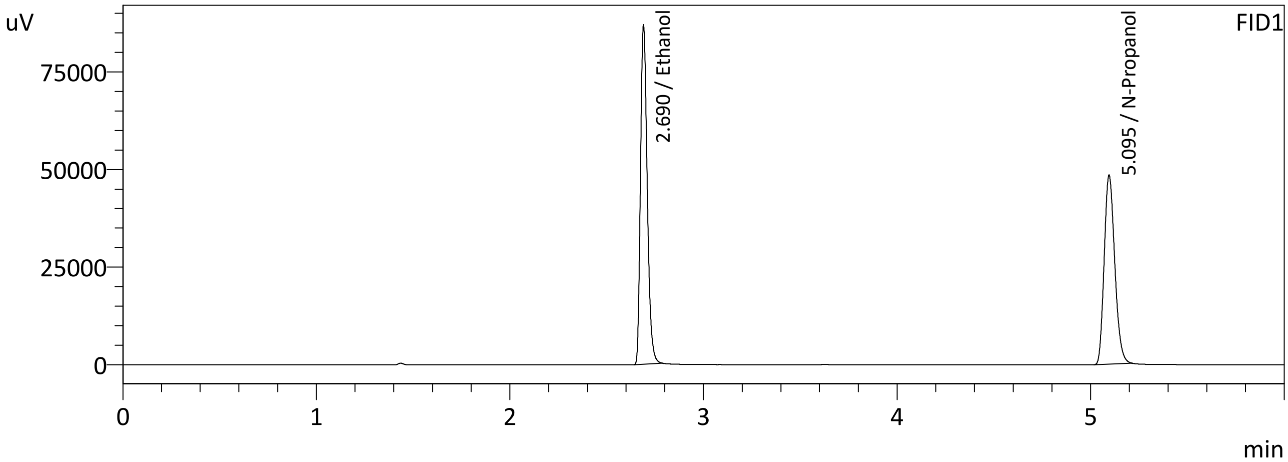
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2971	121956	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182025	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

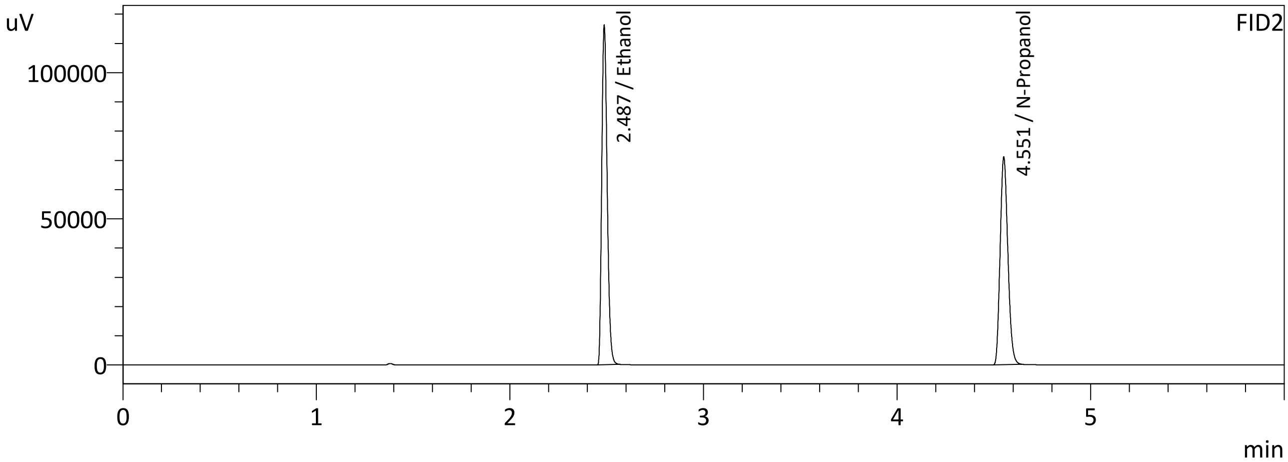
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2976	130984	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195133	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
Laboratory : Meridian
Injection Date : 8/19/2025 4:13:59 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

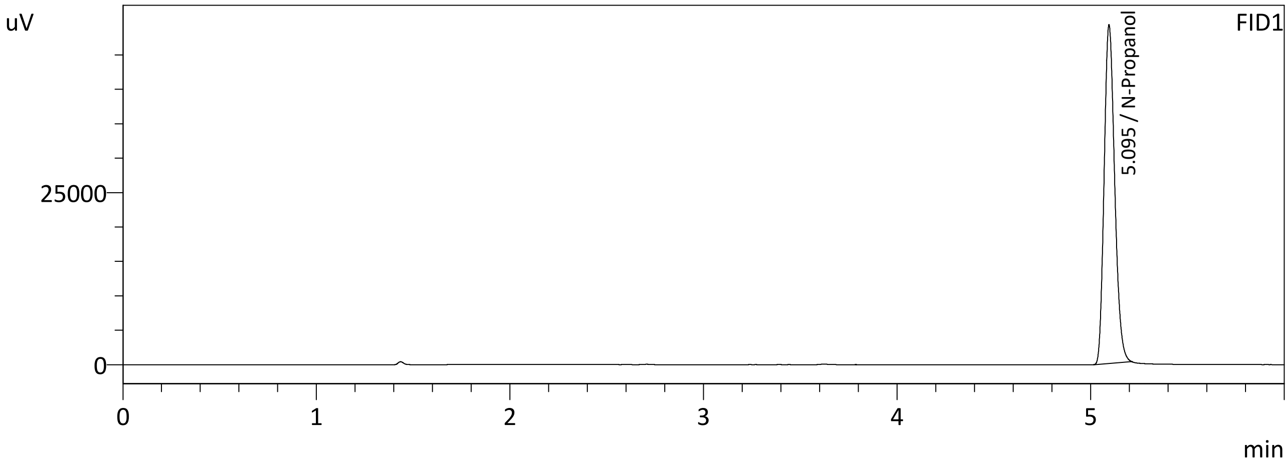
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5025	210004	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183582	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

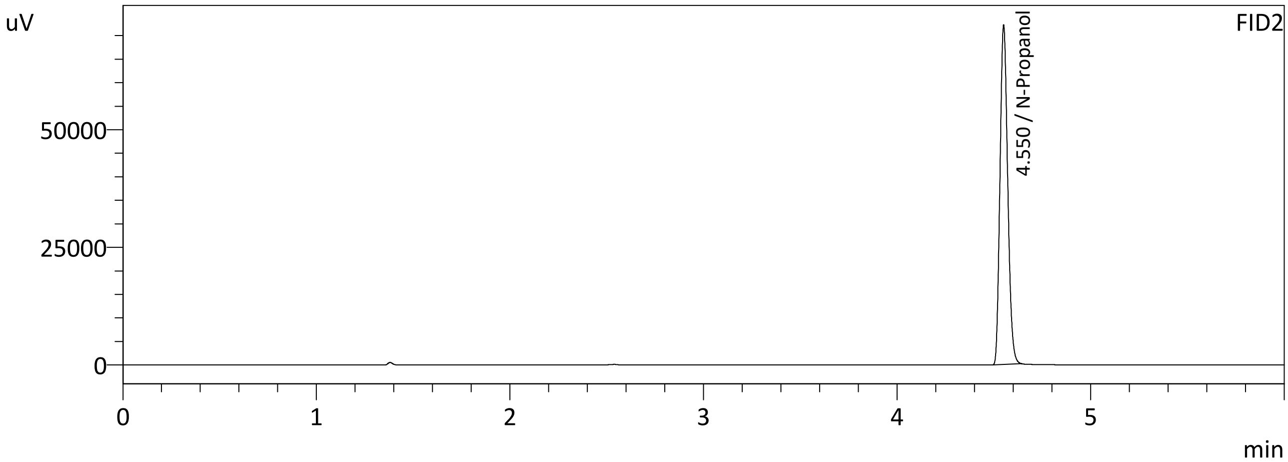
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5022	224939	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196709	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: ISTD BLK
Laboratory	: Meridian
Injection Date	: 8/19/2025 4:26:24 PM
Vial #	: 6
Method Filename	: Default Project - ALCOHOL_250819NB.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	186246	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	200092	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

Vial#	Sample Name	Sample Type	Level#	Method File
1	0.050	1:Standard:(I)	1	ALCOHOL_250819NB.gcm
2	0.100	1:Standard	2	ALCOHOL_250819NB.gcm
3	0.200	1:Standard	3	ALCOHOL_250819NB.gcm
4	0.300	1:Standard	4	ALCOHOL_250819NB.gcm
5	0.500	1:Standard	5	ALCOHOL_250819NB.gcm
6	ISTD BLK	0:Unknown	0	ALCOHOL_250819NB.gcm

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 8/19/2025 5:44:57 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0825	0.0827	0.0002	0.0826	0.0013	0.0832
(g/100cc)	0.0838	0.0841	0.0003	0.0839		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250819NB.gcm

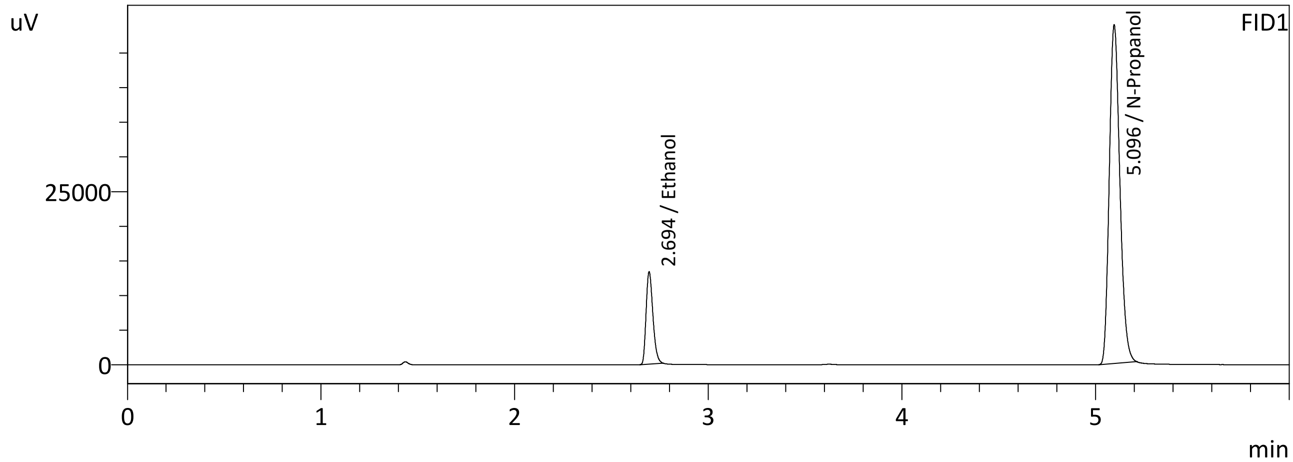
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

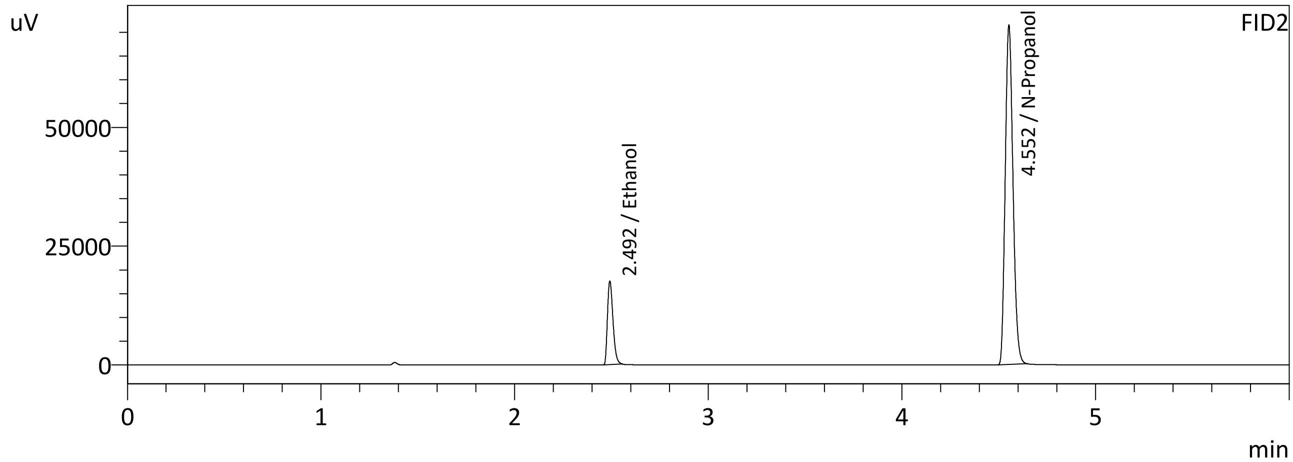
	Reported Results	
	0.083	

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA
Laboratory : Meridian
Injection Date : 8/19/2025 5:44:57 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

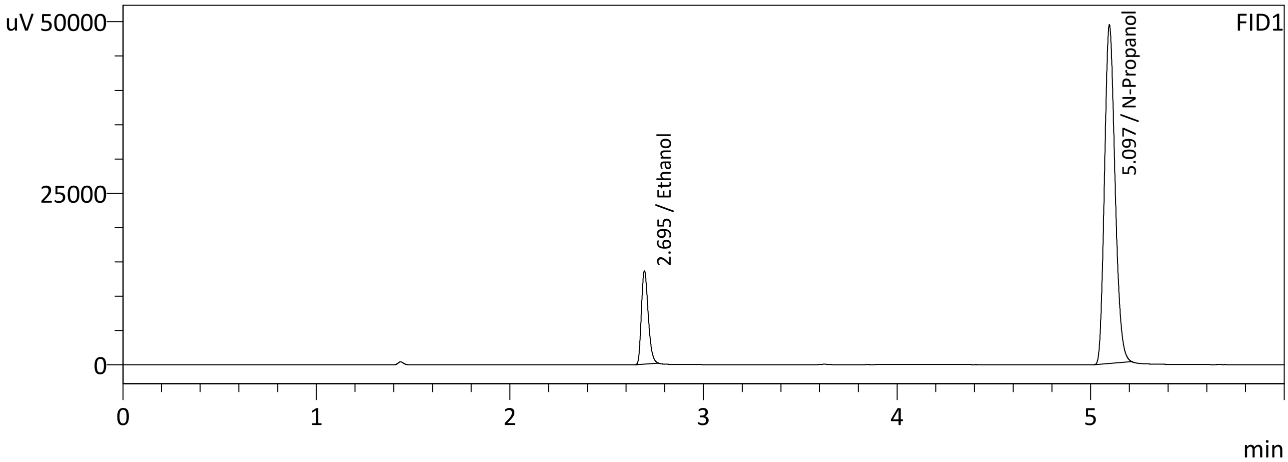
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	32383	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185416	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

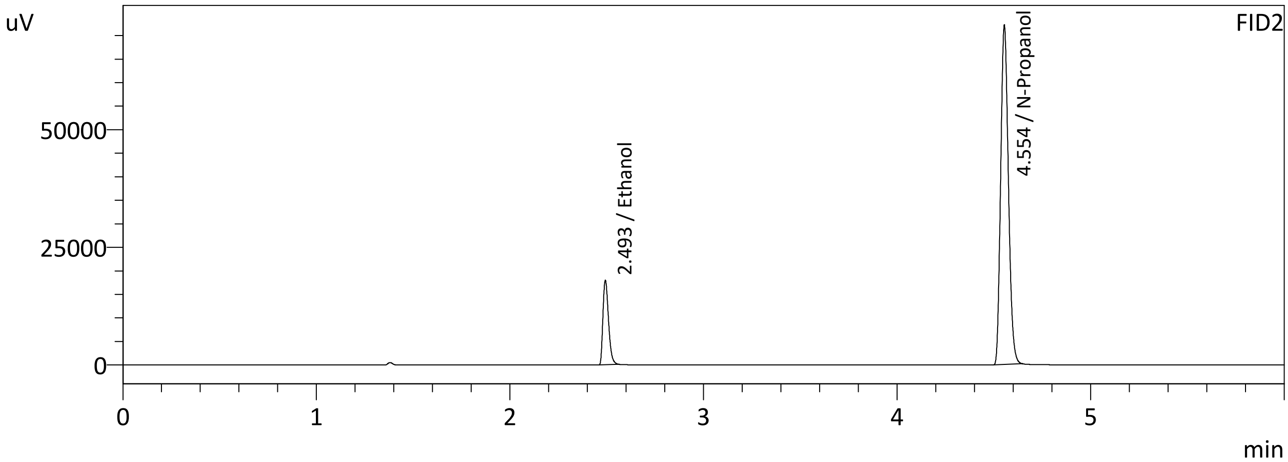
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	34873	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	198932	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
Laboratory : Meridian
Injection Date : 8/19/2025 5:57:20 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0838	33135	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186535	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	35761	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200317	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 8/19/2025 5:20:19 PM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0839	0.0839	0.0000	0.0839	0.0020	0.0829
(g/100cc)	0.0818	0.0820	0.0002	0.0819		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250819NB.gcm

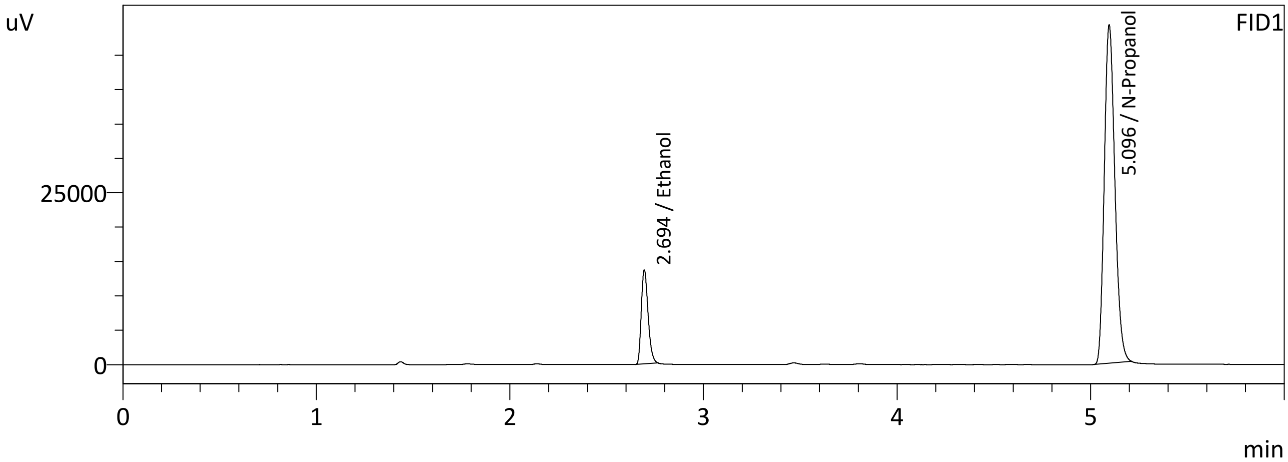
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

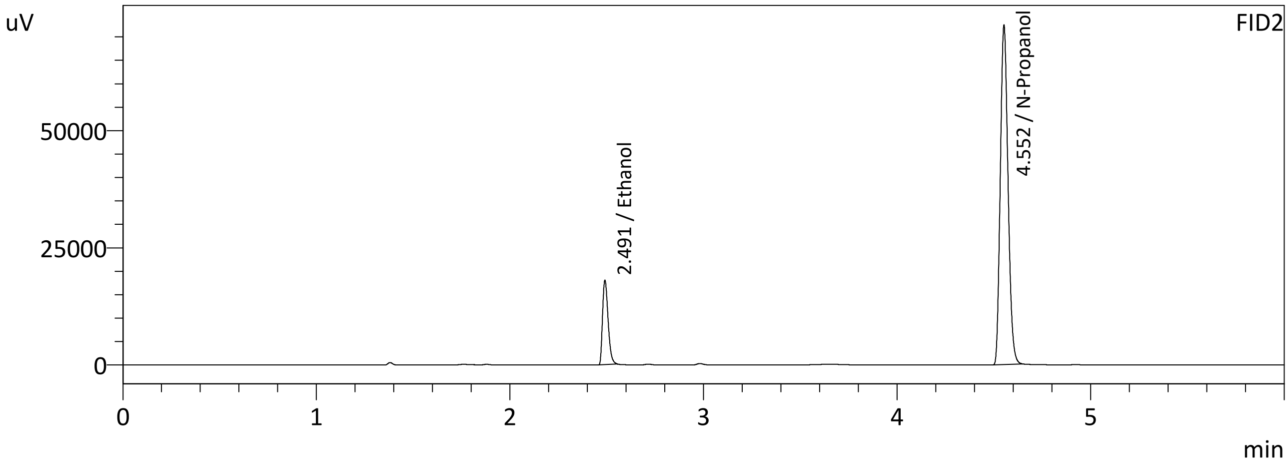
Reported Results
0.082

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1
Laboratory : Meridian
Injection Date : 8/19/2025 5:20:19 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

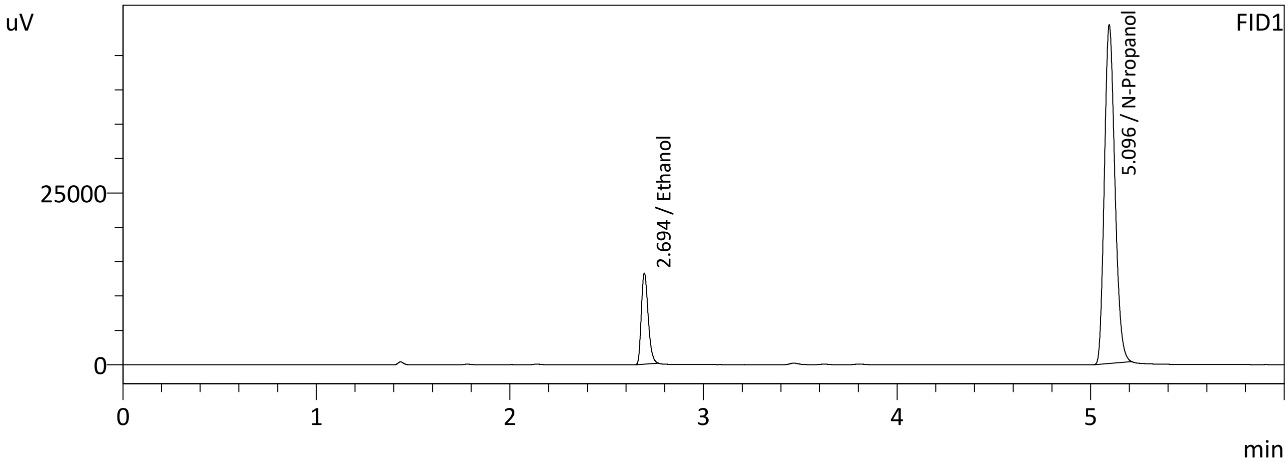
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	33285	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187091	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

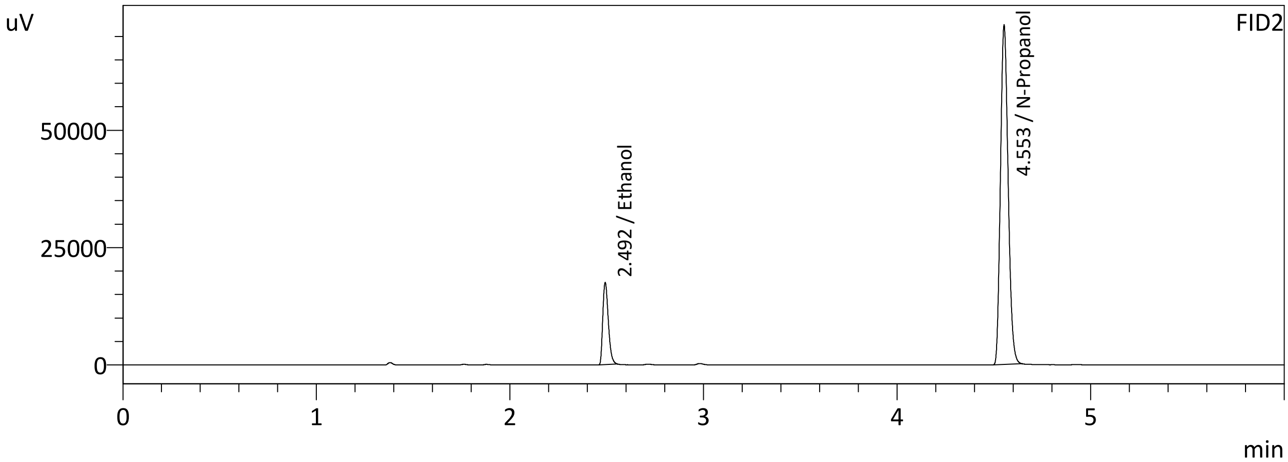
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	35804	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200972	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
Laboratory : Meridian
Injection Date : 8/19/2025 5:32:31 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	32241	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	186360	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	34760	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200186	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 8/20/2025 1:58:05 AM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0851	0.0853	0.0002	0.0852	0.0002	0.0853
(g/100cc)	0.0853	0.0855	0.0002	0.0854		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250819NB.gcm

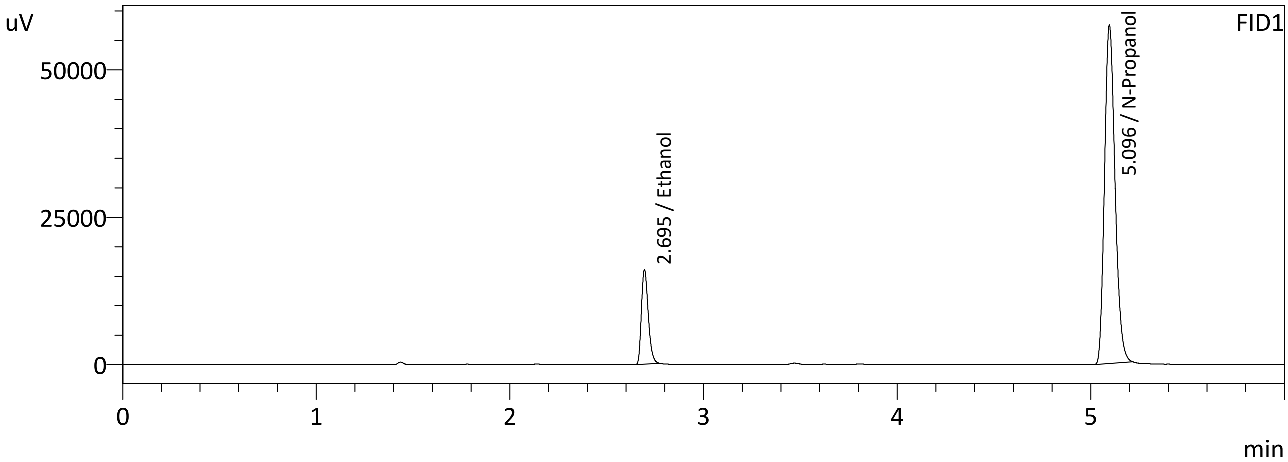
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.085	0.080	0.090	0.005

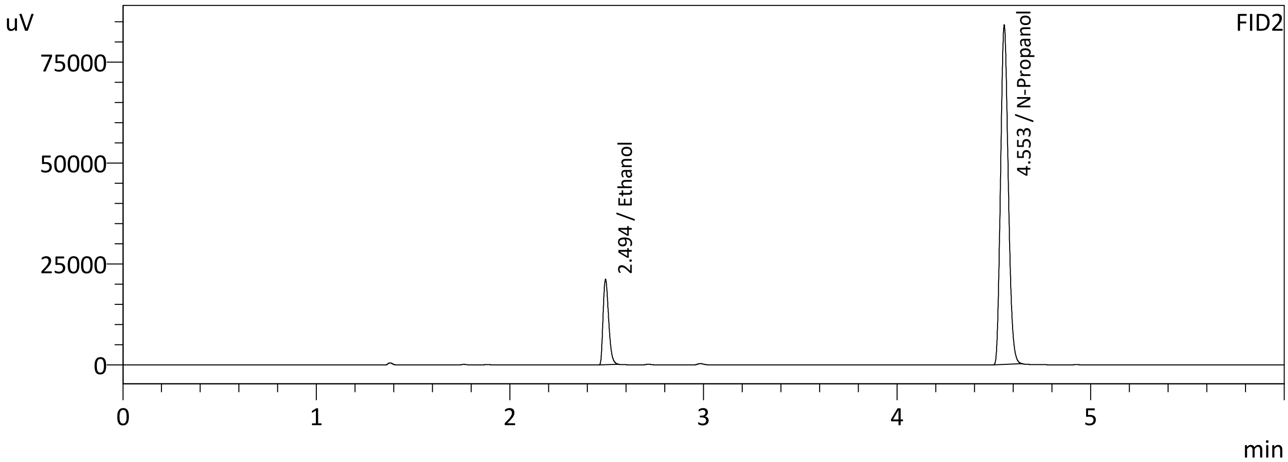
Reported Results
0.085

Calibration and control data are stored centrally.

NB

Sample Name	: QC-1-2
Laboratory	: Meridian
Injection Date	: 8/20/2025 1:58:05 AM
Vial #	: 51
Method Filename	: Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

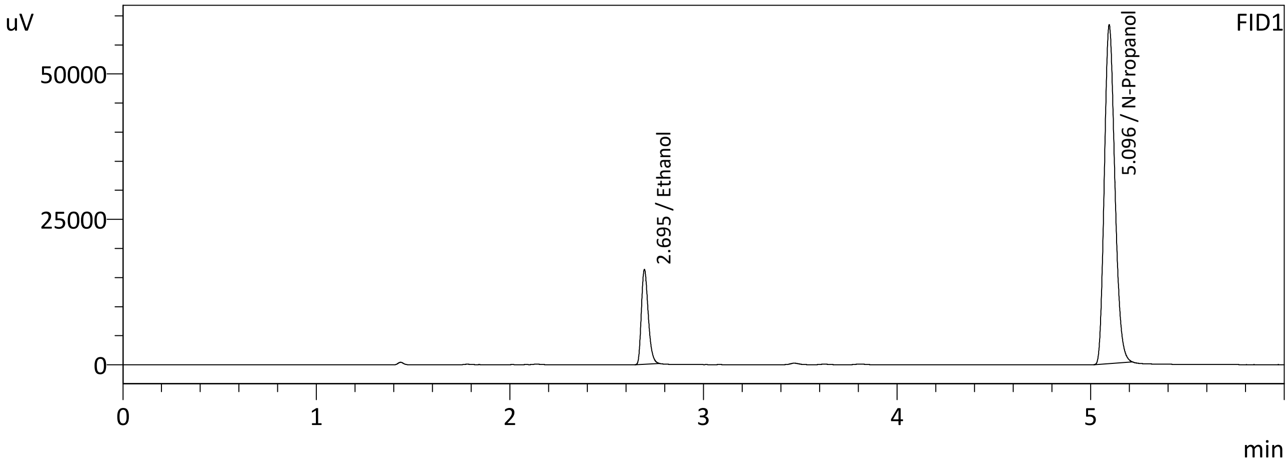
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0851	39178	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216958	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

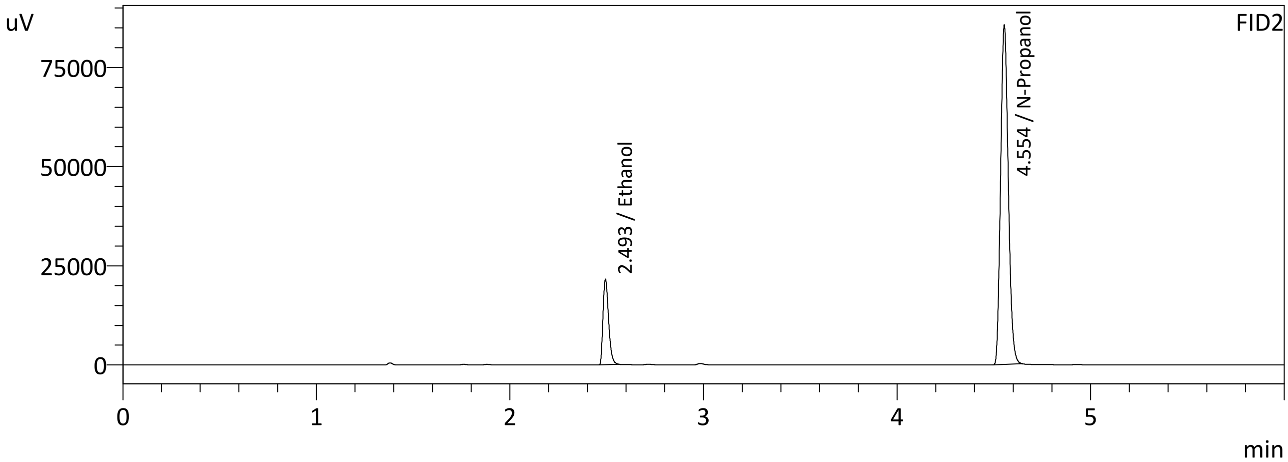
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0853	42159	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232586	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: QC-1-2-B
Laboratory	: Meridian
Injection Date	: 8/20/2025 2:10:11 AM
Vial #	: 52
Method Filename	: Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0853	39842	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	220201	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0855	42943	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	236337	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s):** 8/19/2025 9:51:55 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1992	0.1998	0.0006	0.1995	0.0011	0.2000
(g/100cc)	0.2003	0.2010	0.0007	0.2006		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250819NB.gcm

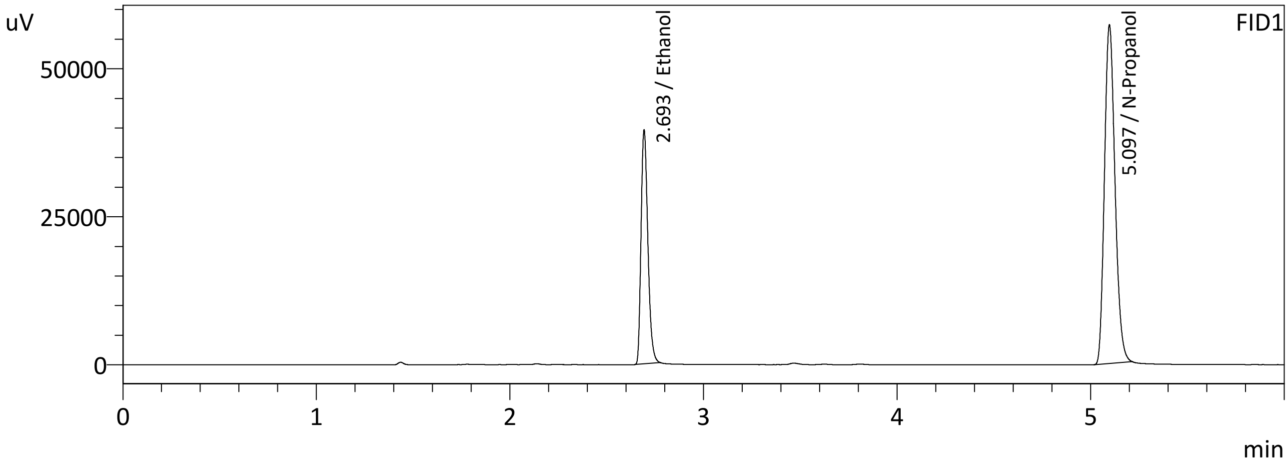
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

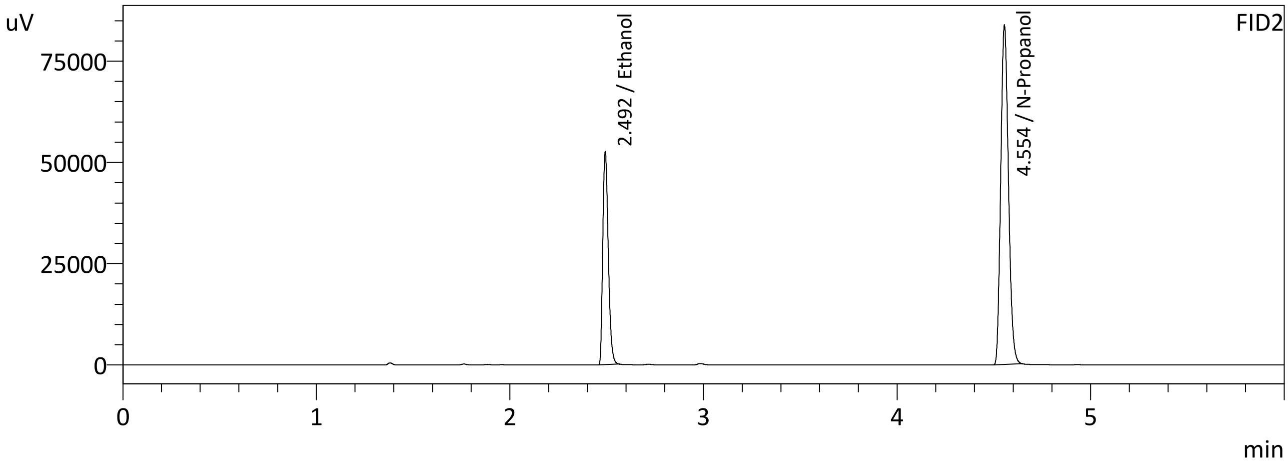
Reported Results
0.200

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1
Laboratory : Meridian
Injection Date : 8/19/2025 9:51:55 PM
Vial # : 31
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

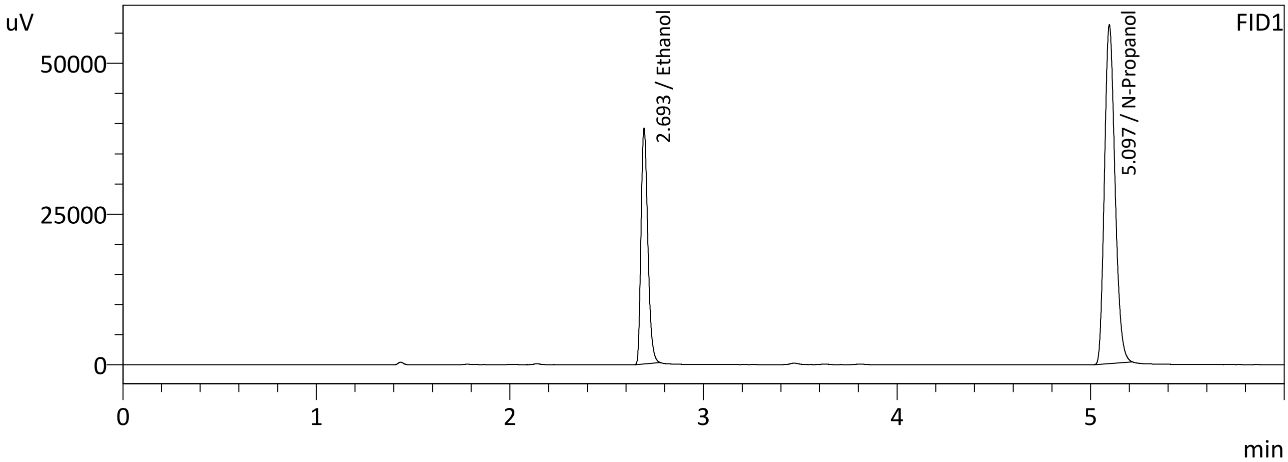
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1992	96165	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216655	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

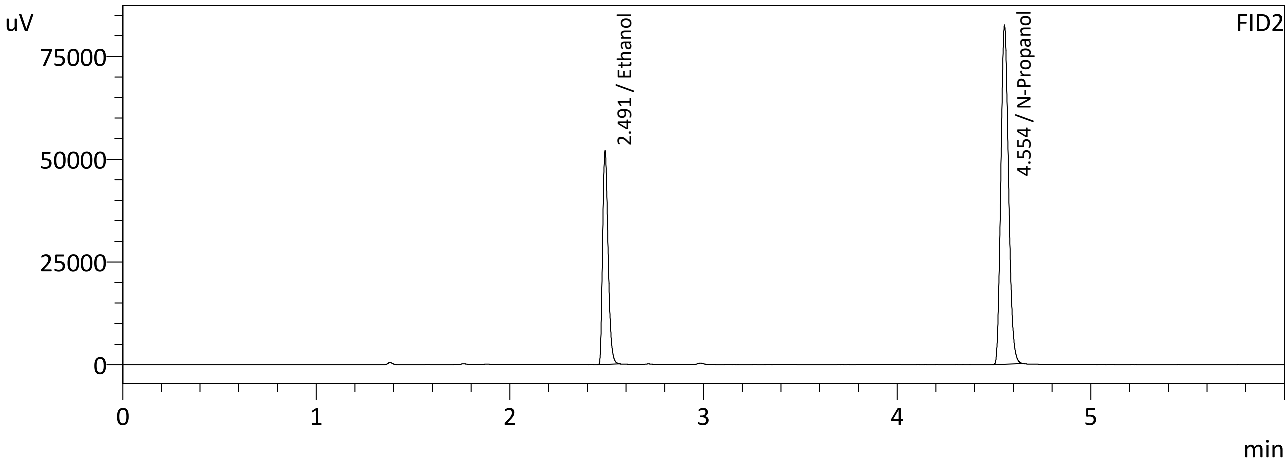
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1998	103523	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232356	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
Laboratory : Meridian
Injection Date : 8/19/2025 10:04:05 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2003	95098	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213047	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2010	102431	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228459	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2 **Analysis Date(s): 8/20/2025 2:22:51 AM(-06:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1995	0.1997	0.0002	0.1996	0.0014	0.2003
(g/100cc)	0.2007	0.2014	0.0007	0.2010		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250819NB.gcm

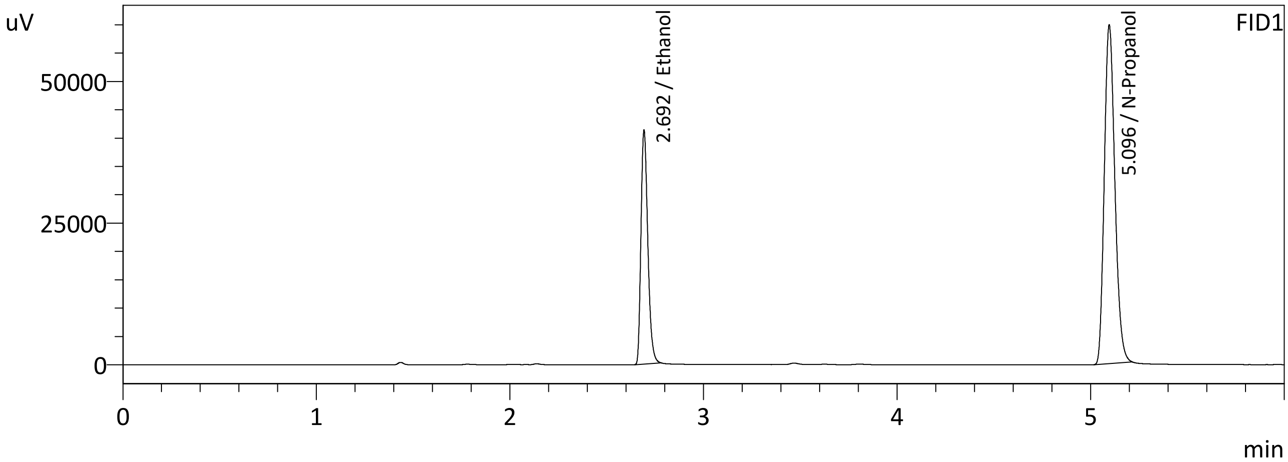
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

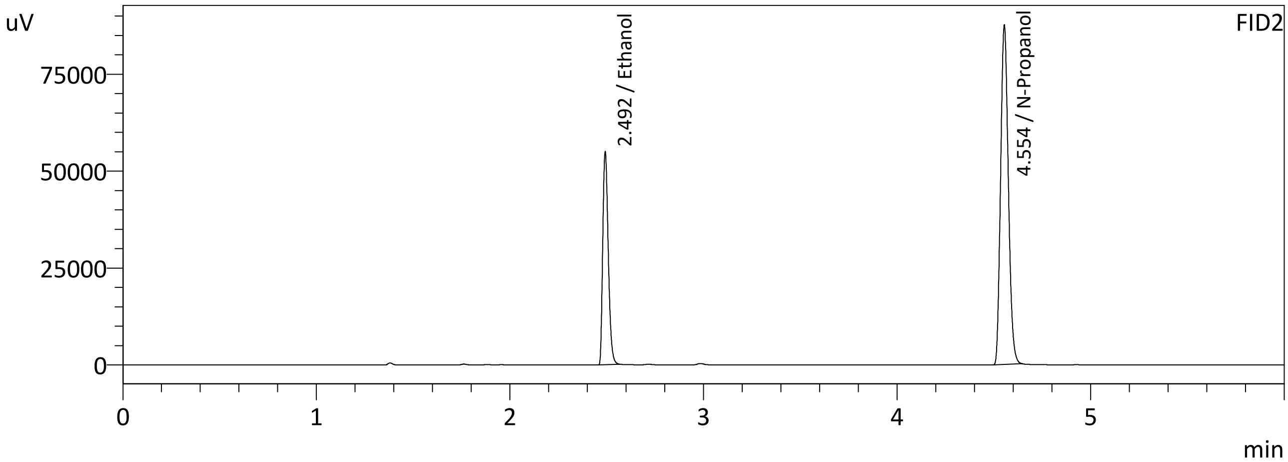
	Reported Results	
	0.200	

Calibration and control data are stored centrally.

NB

Sample Name	: QC-2-2
Laboratory	: Meridian
Injection Date	: 8/20/2025 2:22:51 AM
Vial #	: 53
Method Filename	: Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

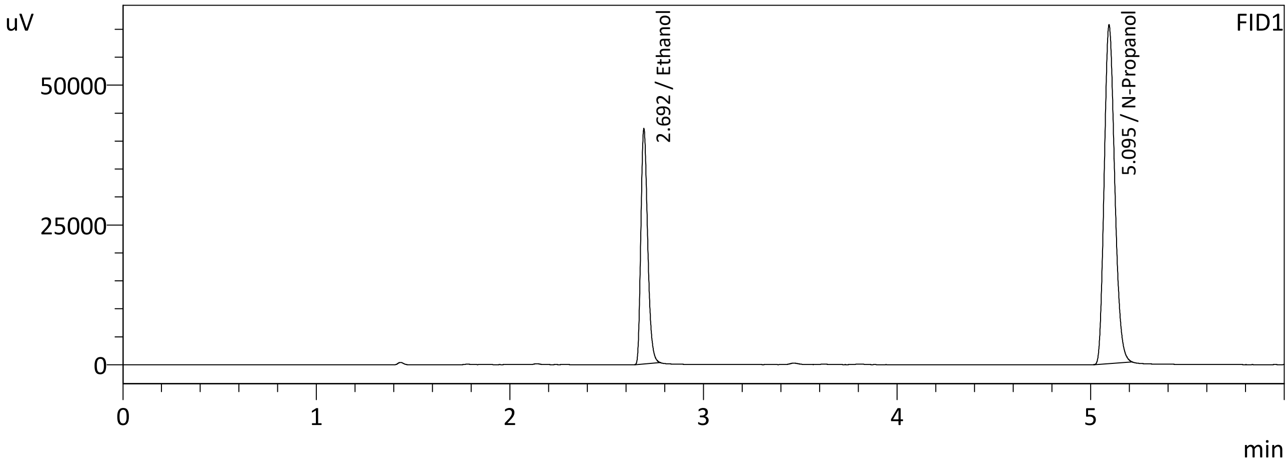
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1995	100898	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	226881	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

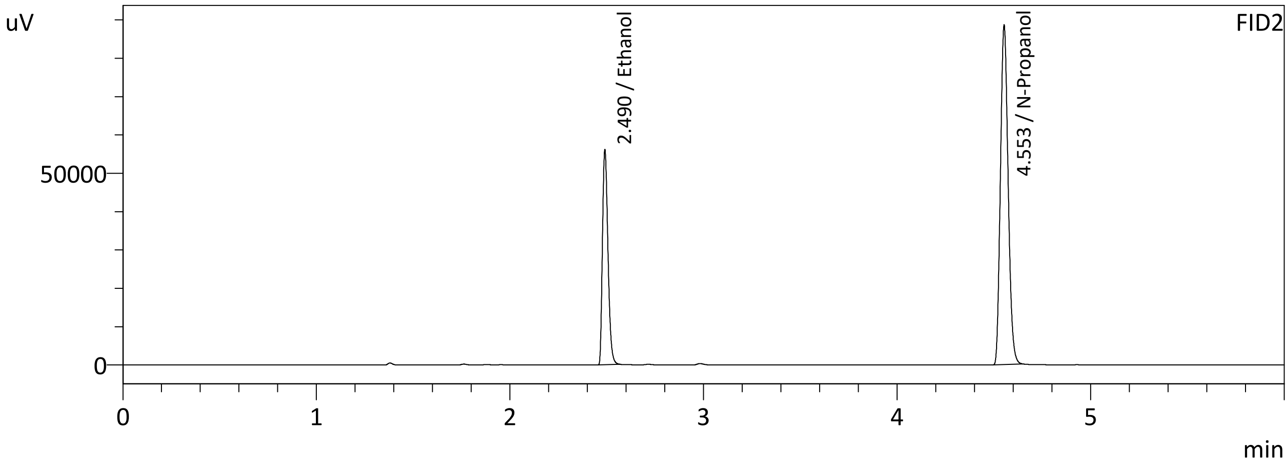
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1997	108226	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	243005	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B
Laboratory : Meridian
Injection Date : 8/20/2025 2:34:59 AM
Vial # : 54
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

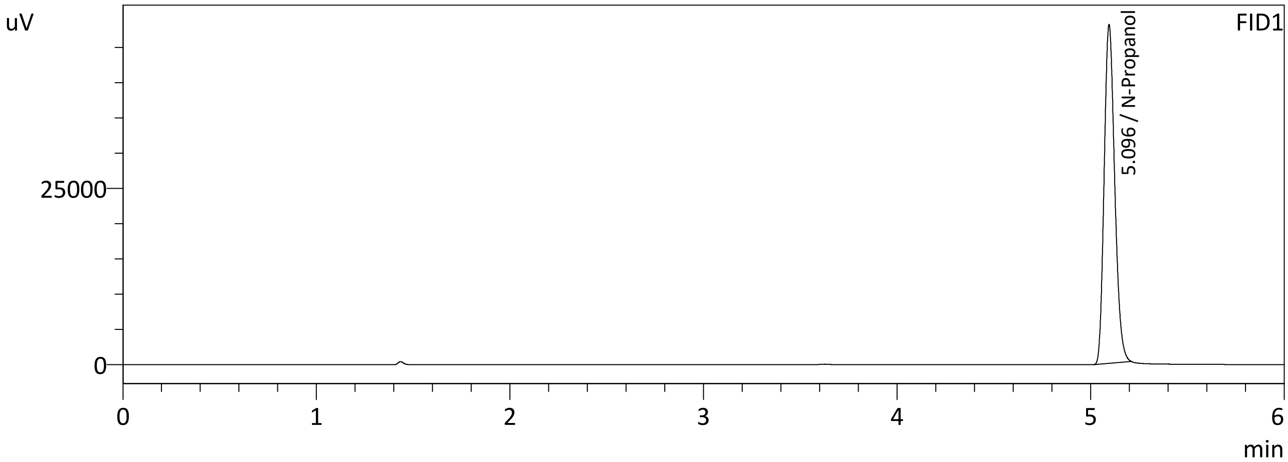
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2007	102481	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	229091	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

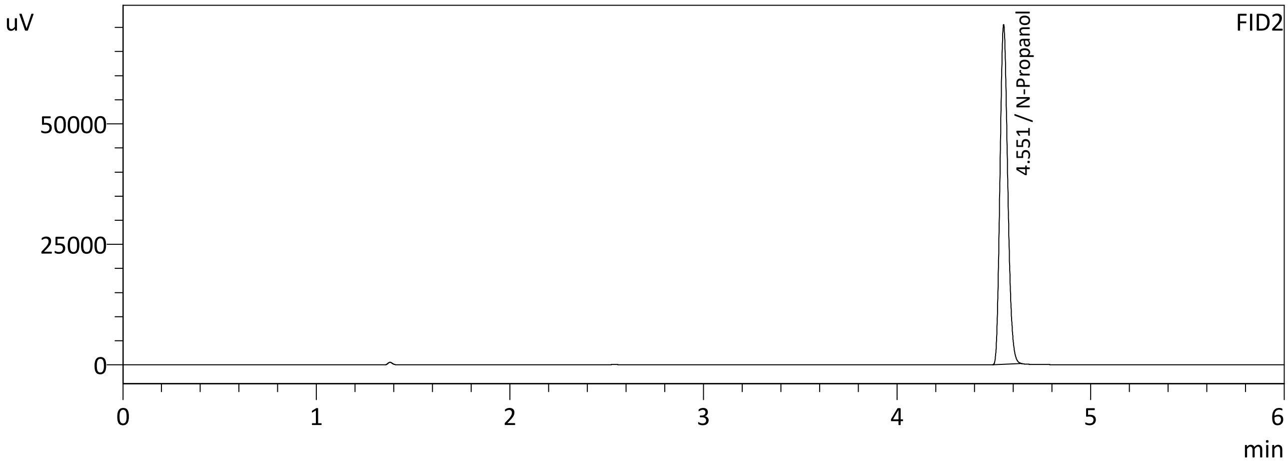
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2014	110281	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	245443	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 1
Laboratory : Meridian
Injection Date : 8/19/2025 4:55:35 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

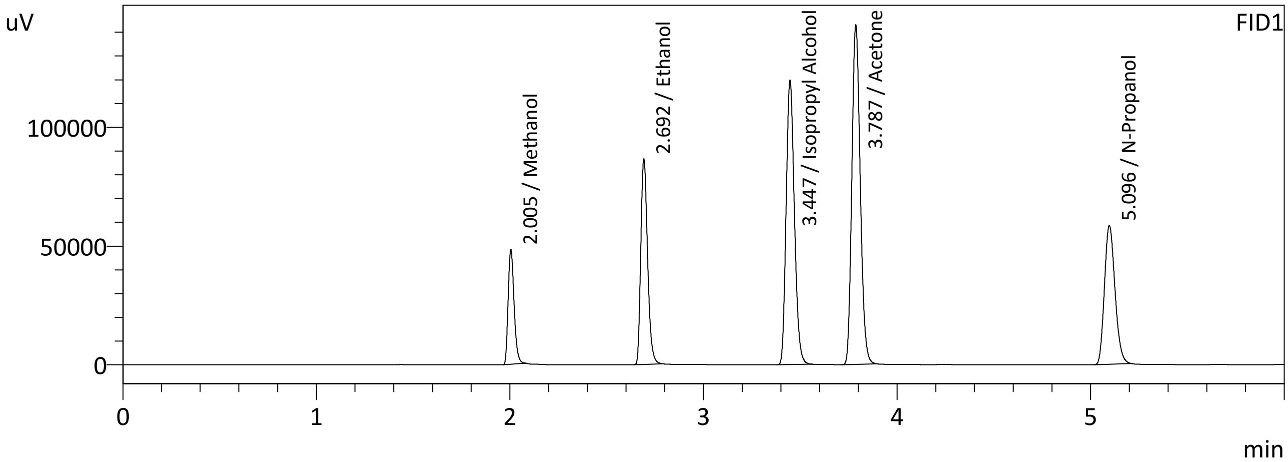
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182012	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

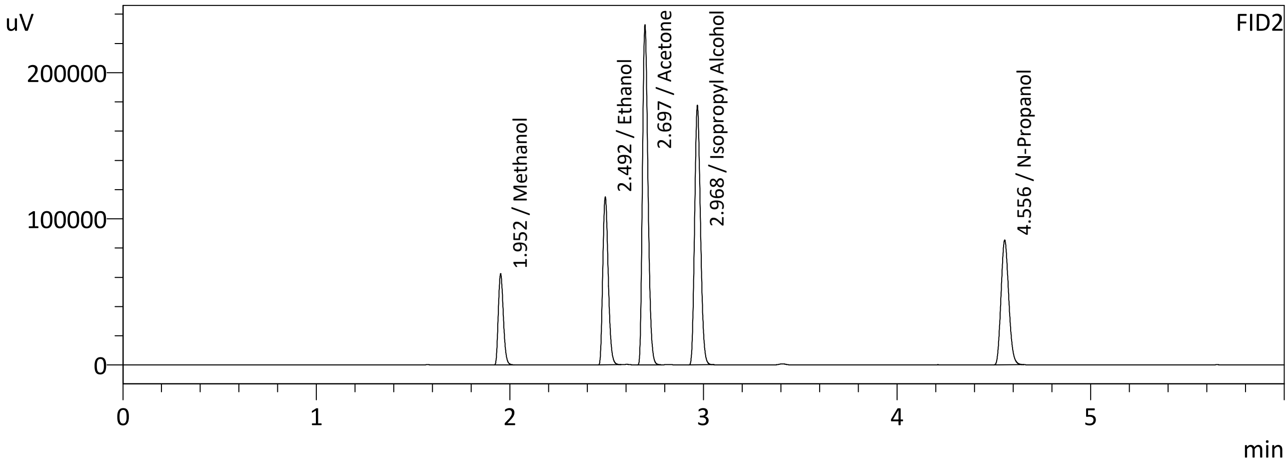
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195472	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: MIXED VOLATILES FN 05302307
Laboratory	: Meridian
Injection Date	: 8/19/2025 5:08:23 PM
Vial #	: 8
Method Filename	: Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

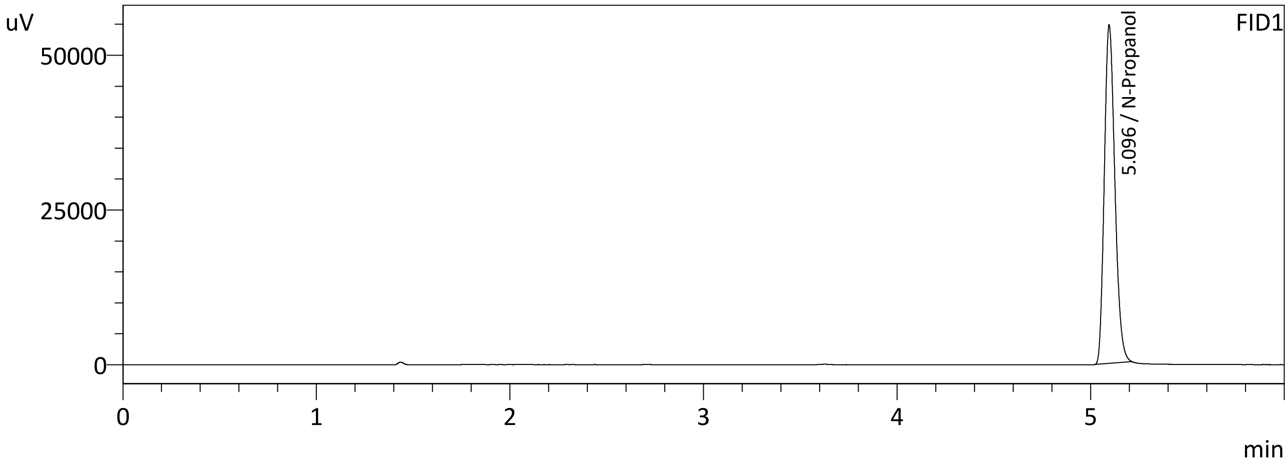
Name	Conc.	Area	Unit
Methanol	0.0000	102726	g/100cc
Ethanol	0.4186	210164	g/100cc
Isopropyl Alcohol	0.0000	353707	g/100cc
Acetone	0.0000	430591	g/100cc
N-Propanol	0.0000	221158	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

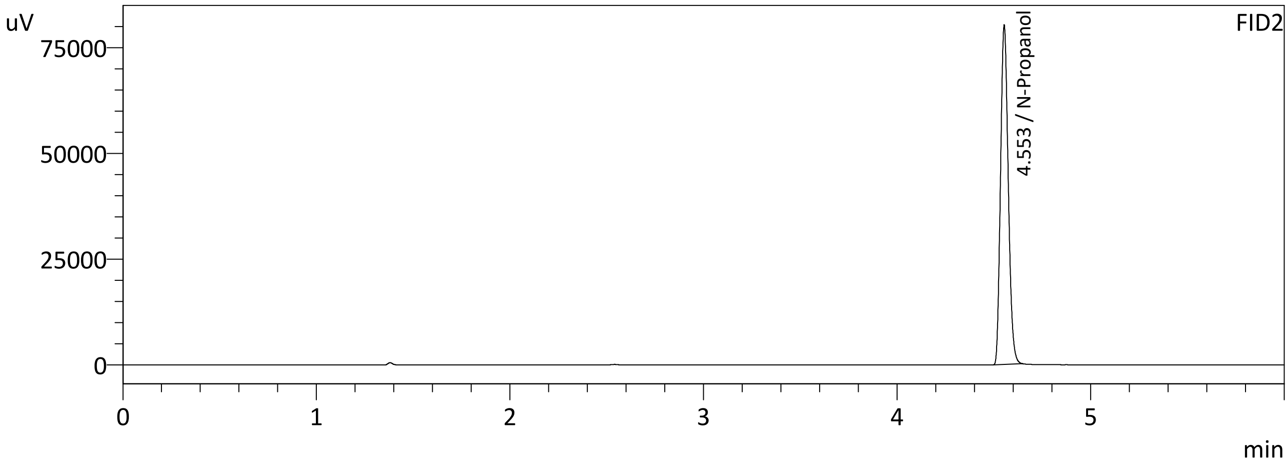
FID2

Name	Conc.	Area	Unit
Methanol	0.0000	112521	g/100cc
Ethanol	0.4181	224427	g/100cc
Acetone	0.0000	458468	g/100cc
Isopropyl Alcohol	0.0000	372818	g/100cc
N-Propanol	0.0000	236392	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name	: ISTD BLK 2
Laboratory	: Meridian
Injection Date	: 8/20/2025 2:47:32 AM
Vial #	: 55
Method Filename	: Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS	: C12255750548 / C12595800409





FID1

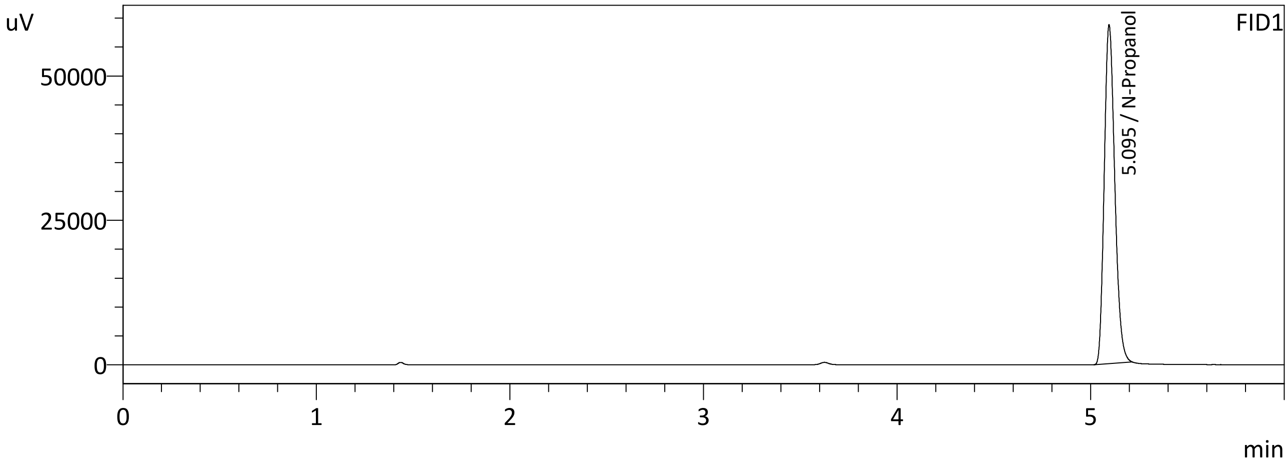
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206900	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

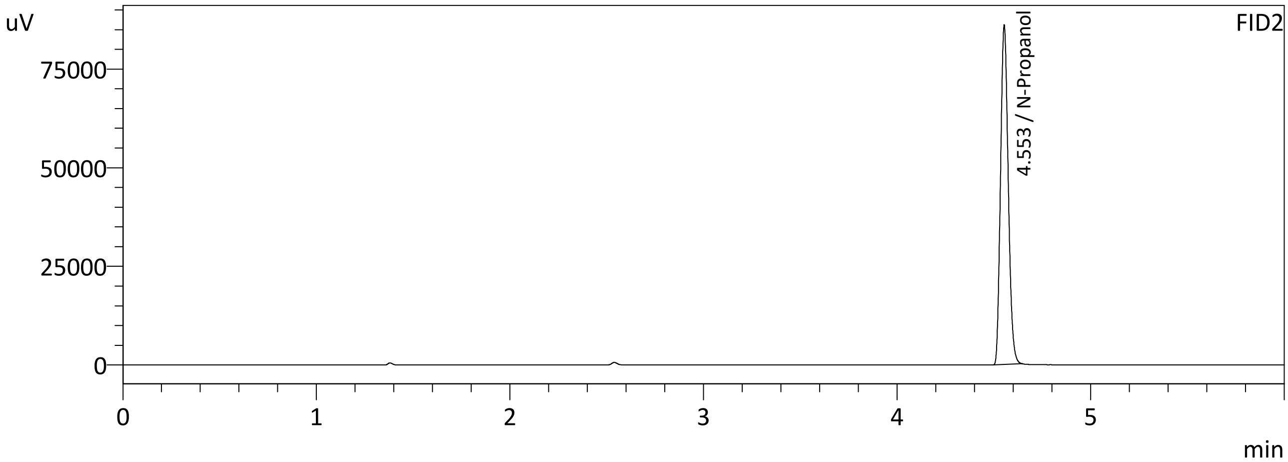
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222490	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 3
Laboratory : Meridian
Injection Date : 8/20/2025 3:24:28 AM
Vial # : 58
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

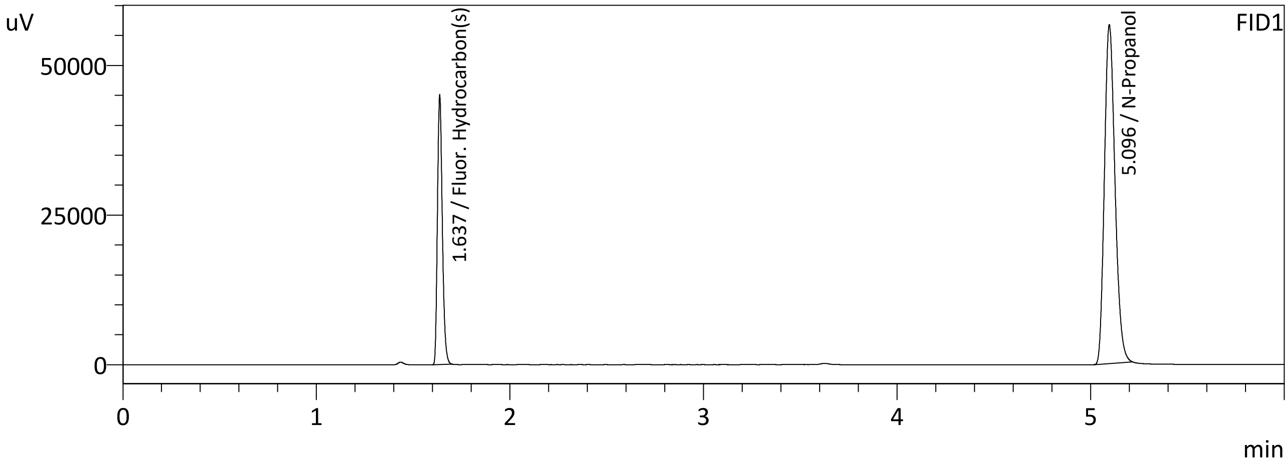
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	222210	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

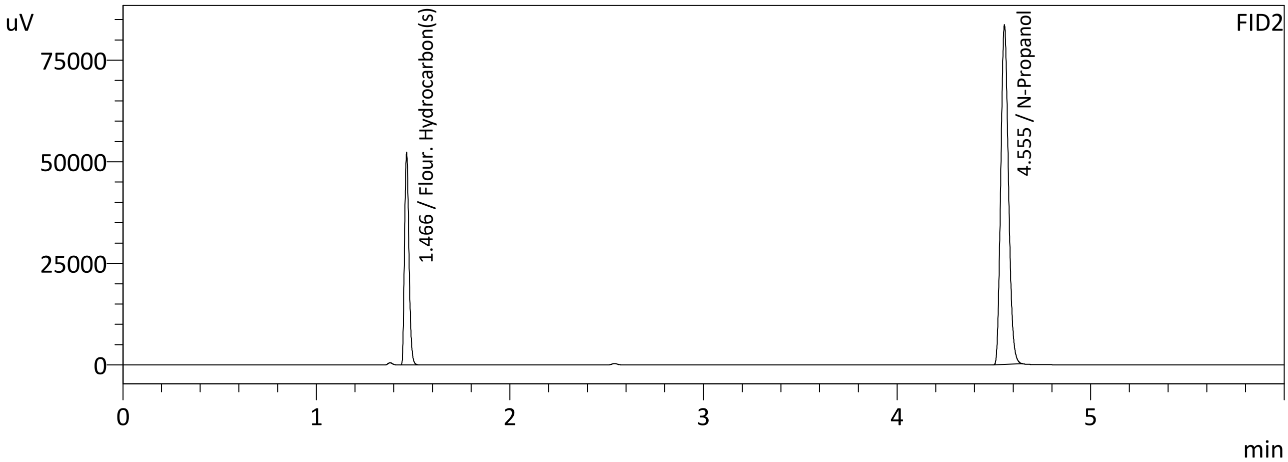
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238525	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : DFE 111419OM
Laboratory : Meridian
Injection Date : 8/20/2025 3:37:11 AM
Vial # : 59
Method Filename : Default Project - ALCOHOL_250819NB.gcm
Instrument #GC/HS : C12255750548 / C12595800409





FID1

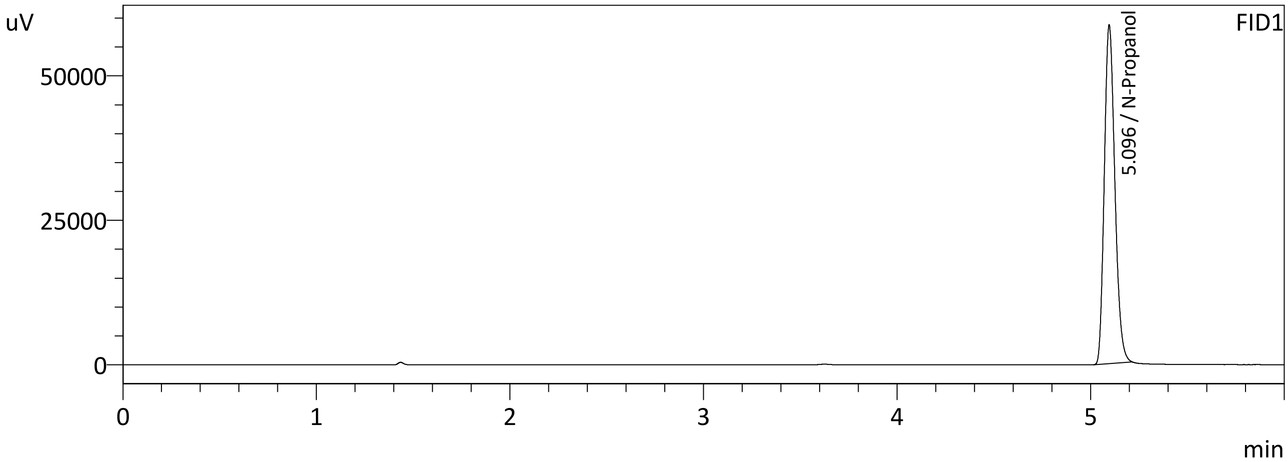
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214972	g/100cc
Fluor. Hydrocarbon(s)	0.0000	78710	g/100cc

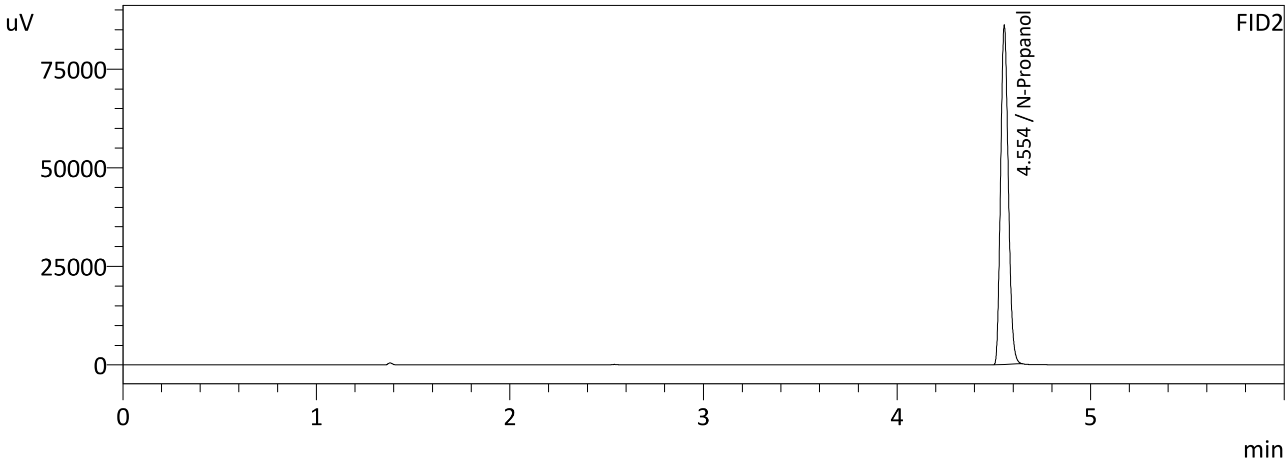
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	230566	g/100cc
Flour. Hydrocarbon(s)	0.0000	82342	g/100cc

NB

Sample Name	: ISTD BLK 4
Laboratory	: Meridian
Injection Date	: 8/20/2025 3:49:19 AM
Vial #	: 60
Method Filename	: Default Project - ALCOHOL_250819NB.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	222105	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	238193	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

Vial#	Sample Name	Sample Type	Level#	Method File
7	ISTD BLK 1	0:Unknown	0	ALCOHOL_250819NB.gcm
8	ED VOLATILES FN 0530	0:Unknown	1	ALCOHOL_250819NB.gcm
9	QC-1-1	0:Unknown	0	ALCOHOL_250819NB.gcm
10	QC-1-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
11	0.08 QA	0:Unknown	0	ALCOHOL_250819NB.gcm
12	0.08 QA-B	0:Unknown	0	ALCOHOL_250819NB.gcm
13	M2025-3210-1	0:Unknown	0	ALCOHOL_250819NB.gcm
14	M2025-3210-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
15	M2025-3211-1	0:Unknown	0	ALCOHOL_250819NB.gcm
16	M2025-3211-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
17	M2025-3211-2	0:Unknown	0	ALCOHOL_250819NB.gcm
18	M2025-3211-2-B	0:Unknown	0	ALCOHOL_250819NB.gcm
19	M2025-3214-1	0:Unknown	0	ALCOHOL_250819NB.gcm
20	M2025-3214-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
21	M2025-3224-1	0:Unknown	0	ALCOHOL_250819NB.gcm
22	M2025-3224-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
23	M2025-3237-1	0:Unknown	0	ALCOHOL_250819NB.gcm
24	M2025-3237-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
25	M2025-3249-1	0:Unknown	0	ALCOHOL_250819NB.gcm
26	M2025-3249-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
27	M2025-3251-1	0:Unknown	0	ALCOHOL_250819NB.gcm
28	M2025-3251-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
29	M2025-3264-1	0:Unknown	0	ALCOHOL_250819NB.gcm
30	M2025-3264-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
31	QC-2-1	0:Unknown	0	ALCOHOL_250819NB.gcm
32	QC-2-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
33	M2025-3309-1	0:Unknown	0	ALCOHOL_250819NB.gcm
34	M2025-3309-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
35	M2025-3310-1	0:Unknown	0	ALCOHOL_250819NB.gcm
36	M2025-3310-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
37	M2025-3320-1	0:Unknown	0	ALCOHOL_250819NB.gcm
38	M2025-3320-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
39	M2025-3330-1	0:Unknown	0	ALCOHOL_250819NB.gcm
40	M2025-3330-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
41	M2025-3331-1	0:Unknown	0	ALCOHOL_250819NB.gcm
42	M2025-3331-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
43	M2025-3348-1	0:Unknown	0	ALCOHOL_250819NB.gcm
44	M2025-3348-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
45	M2025-3357-1	0:Unknown	0	ALCOHOL_250819NB.gcm
46	M2025-3357-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
47	M2025-3373-1	0:Unknown	0	ALCOHOL_250819NB.gcm
48	M2025-3373-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
49	M2025-3374-1	0:Unknown	0	ALCOHOL_250819NB.gcm
50	M2025-3374-1-B	0:Unknown	0	ALCOHOL_250819NB.gcm
51	QC-1-2	0:Unknown	0	ALCOHOL_250819NB.gcm
52	QC-1-2-B	0:Unknown	0	ALCOHOL_250819NB.gcm
53	QC-2-2	0:Unknown	0	ALCOHOL_250819NB.gcm
54	QC-2-2-B	0:Unknown	0	ALCOHOL_250819NB.gcm
55	ISTD BLK 2	0:Unknown	0	ALCOHOL_250819NB.gcm
56	M2025-3272-1 QUAL	0:Unknown	0	ALCOHOL_250819NB.gcm
57	M2025-3272-1 QUAL-B	0:Unknown	0	ALCOHOL_250819NB.gcm
58	ISTD BLK 3	0:Unknown	0	ALCOHOL_250819NB.gcm
59	DFE 111419OM	0:Unknown	0	ALCOHOL_250819NB.gcm
60	ISTD BLK 4	0:Unknown	0	ALCOHOL_250819NB.gcm

NB