

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): 5/6/26
Calibration Date: 5/4/26
Worklist #: 7468

Control level	Expiration	Lot #		Target Value	Acceptable Range	Overall Results		
Level 1	May-27	7634		0.0853	0.0767-0.0938	0.0786 g/100cc		
						0.0816 g/100cc		
						g/100cc		
Level 2	May-27	2302120		0.2054	0.1849-0.2259	0.2007 g/100cc		
						0.2015 g/100cc		
						g/100cc		
Multi-Component mixture:		Exp:	May 2028		Lot #	FN05302307		
Curve Fit:				Column 1	0.99989		Column2	0.99988

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0477	0.0479	0.0002	0.0478
100	0.100	0.090 - 0.110	0.1022	0.1021	0.0001	0.1021
200	0.200	0.180 - 0.220	0.2013	0.2013	0	0.2013
300	0.300	0.270 - 0.330	0.2984	0.2981	0.0003	0.2982
400	0.400	0.360 - 0.440	N/A	N/A	#####	#DIV/0!
500	0.500	0.450 - 0.550	0.5001	0.5003	0.0002	0.5002

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

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Revision: 5

Issue Date: 07/05/2022

Internal Standard Monitoring Worksheet

Worklist #:	7468	Run Date(s):	5/6/26
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Internal Standard Solution:	Prep Date:	4/2/2026	Exp Date:	10/2/2026
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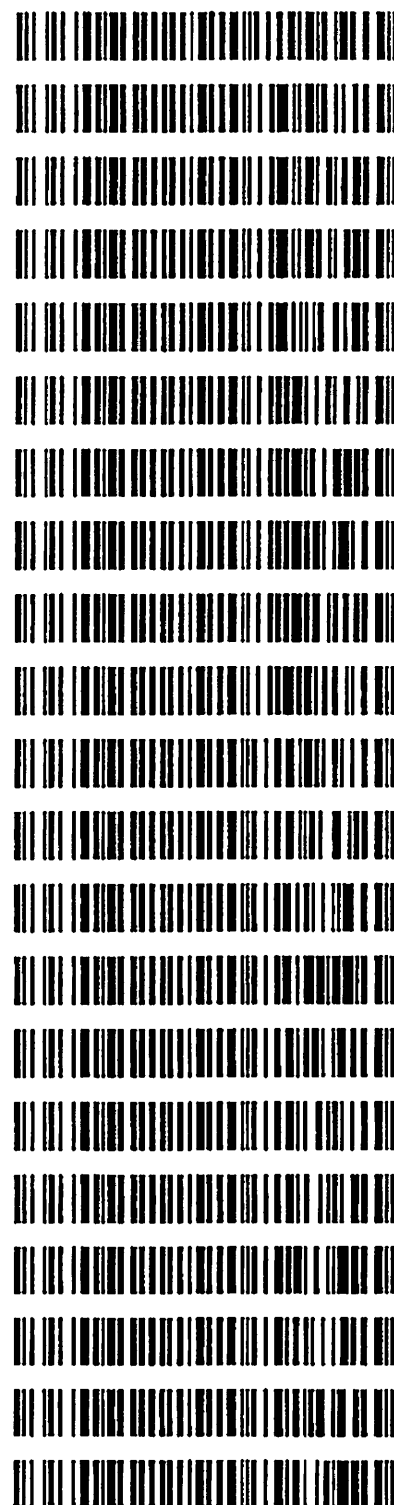
Sample Name	Column 1 Value	Column 2 Value
0.080	206372	220646
0.080	189522	202967
QC1	199014	213246
QC1	196867	210765
QC1	230760	247270
QC1	229757	246387
QC1		
QC1		
QC2	217067	232792
QC2	209889	225139
QC2	219961	235518
QC2	220930	236701
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	212013.9	169611.1	254416.7
Column 2	227143.1	181714.5	272571.7

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Worklist: 7468

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2026-1533	2	BCK	Alcohol Analysis
M2026-1665	1	BCK	Alcohol Analysis
M2026-1666	1	BCK	Alcohol Analysis
M2026-1667	1	BCK	Alcohol Analysis
M2026-1696	1	BCK	Alcohol Analysis
M2026-1703	1	BCK	Alcohol Analysis
M2026-1704	1	BCK	Alcohol Analysis
M2026-1706	1	BCK	Alcohol Analysis
M2026-1707	1	BCK	Alcohol Analysis
M2026-1718	1	BCK	Alcohol Analysis
M2026-1728	1	BCK	Alcohol Analysis
M2026-1729	1	BCK	Alcohol Analysis
M2026-1749	2	BCK	Alcohol Analysis
M2026-1752	1	BCK	Alcohol Analysis
M2026-1764	1	BCK	Alcohol Analysis
M2026-1778	1	BCK	Alcohol Analysis
M2026-1779	1	BCK	Alcohol Analysis
M2026-1792	1	BCK	Alcohol Analysis
M2026-1811	1	BCK	Alcohol Analysis
M2026-1813	1	BCK	Alcohol Analysis
M2026-1827	1	BCK	Alcohol Analysis



All items were originally tested 5/5/26. They were re-sampled and tested again on 5/6/26 due to the QC2 controls being outside of tolerances in the 5/5/26 run.

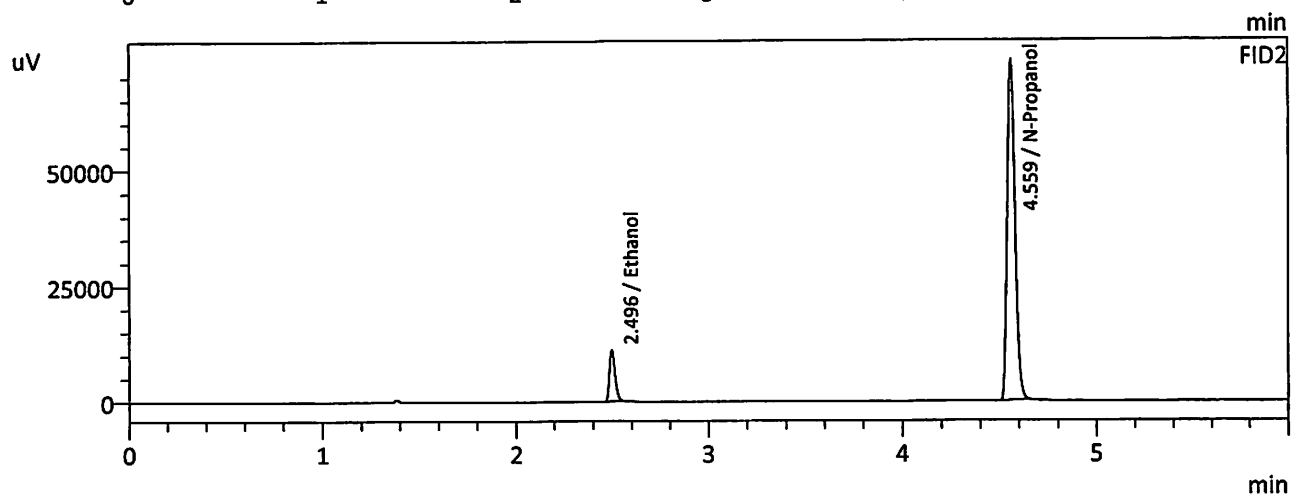
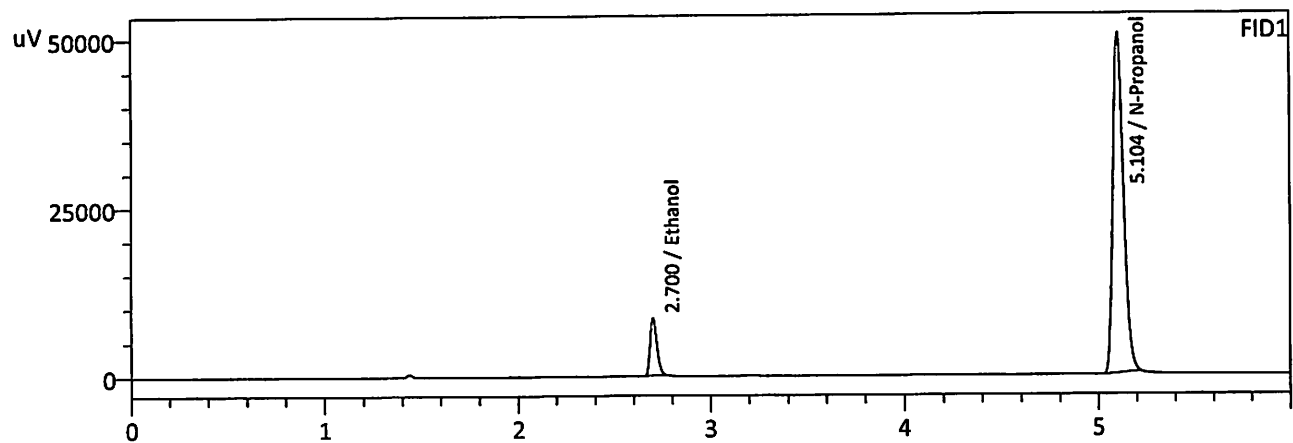
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5/7/26

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Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 5/4/2026 3:00:09 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



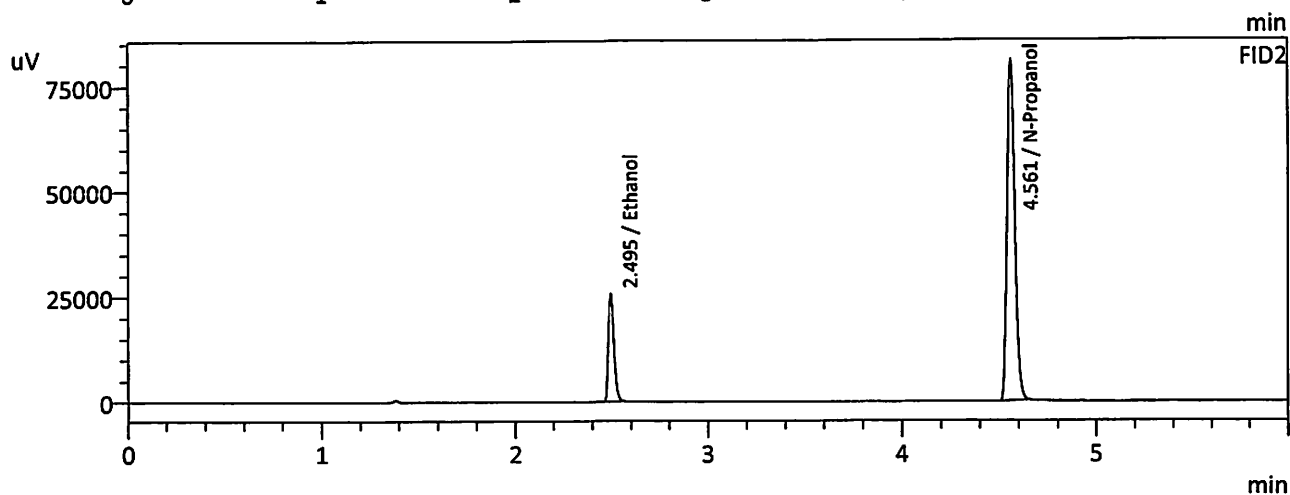
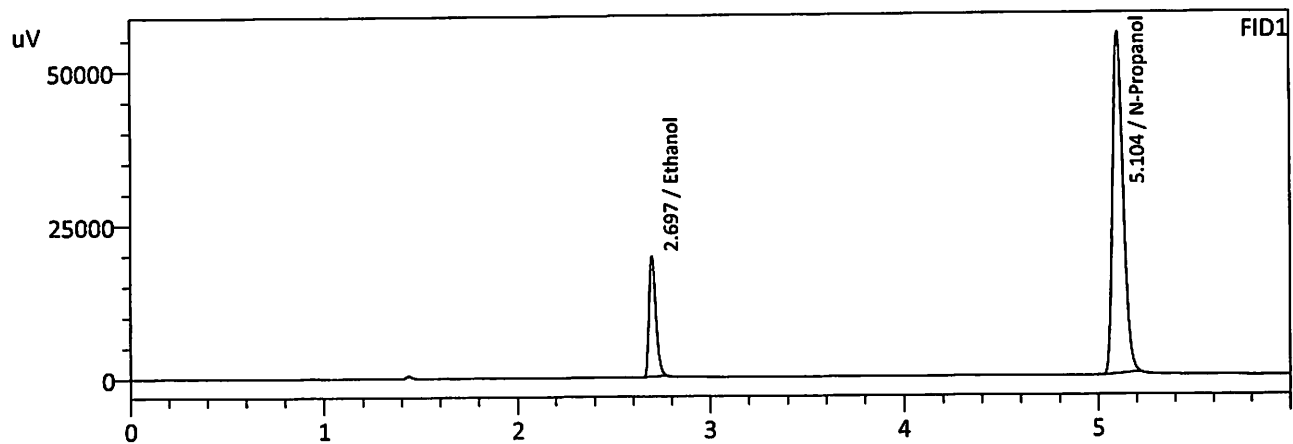
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0477	20547	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190921	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0479	22052	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203927	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 5/4/2026 3:12:54 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



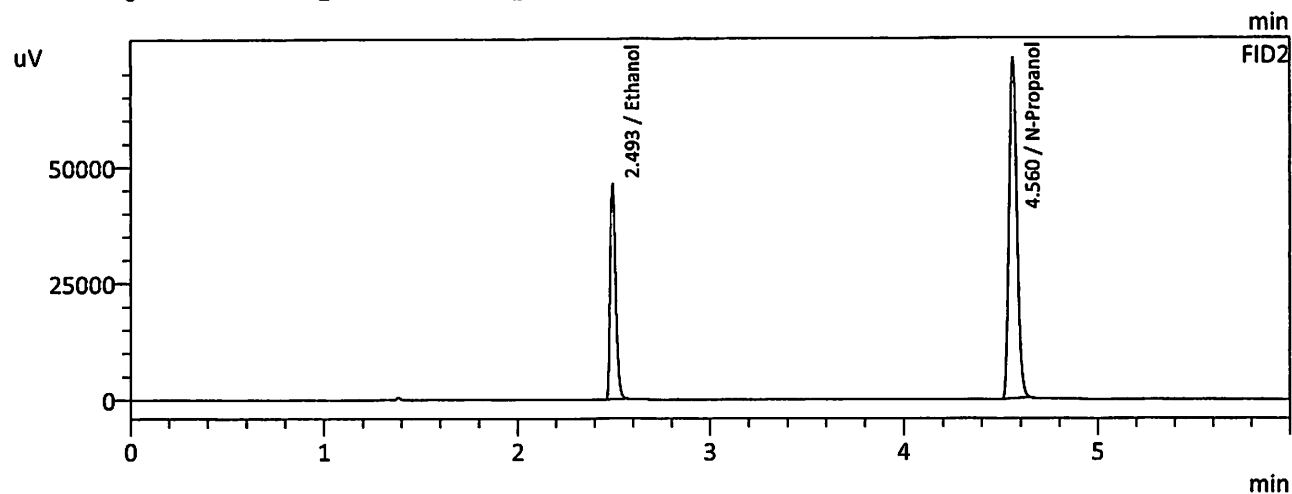
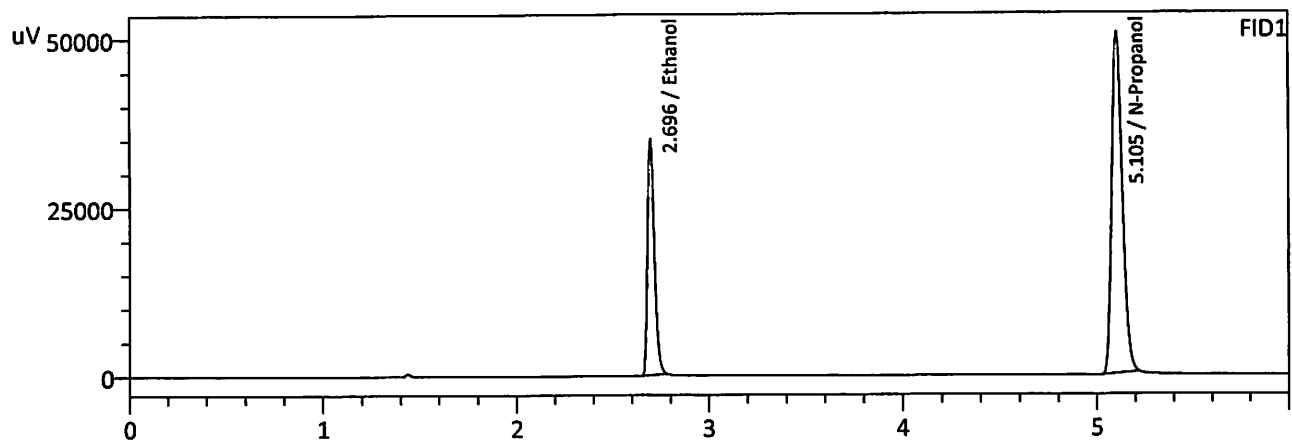
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1022	47717	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209753	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1021	51049	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223883	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 5/4/2026 3:25:04 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



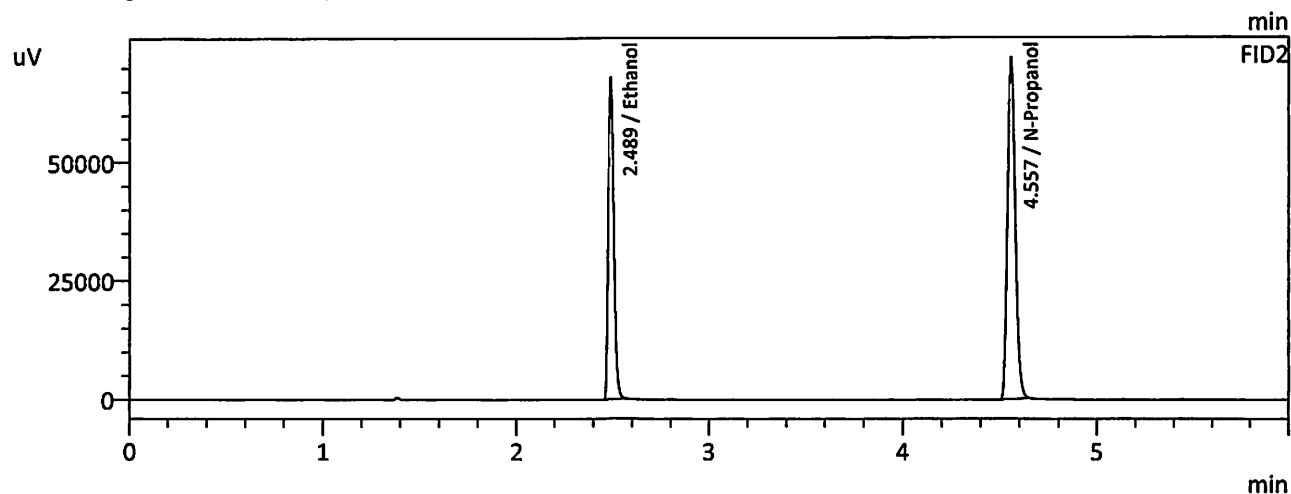
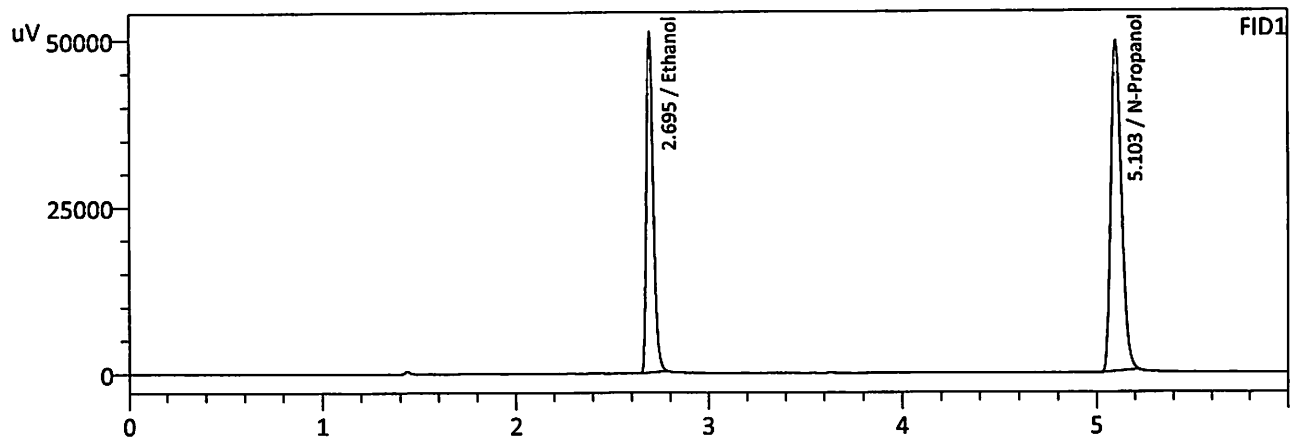
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2013	85085	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190926	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2013	90987	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203437	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 5/4/2026 3:37:27 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



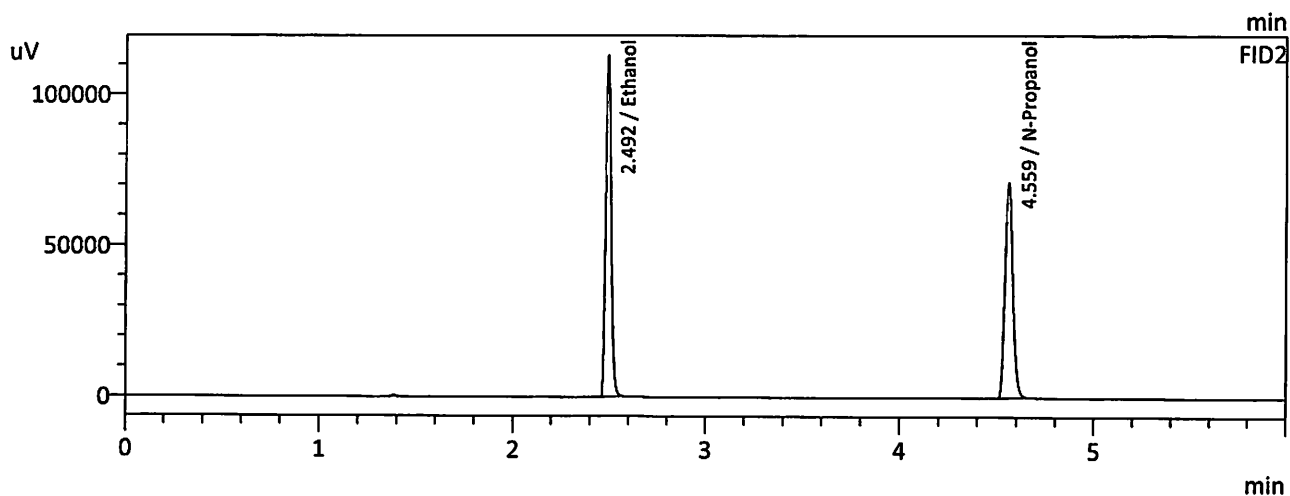
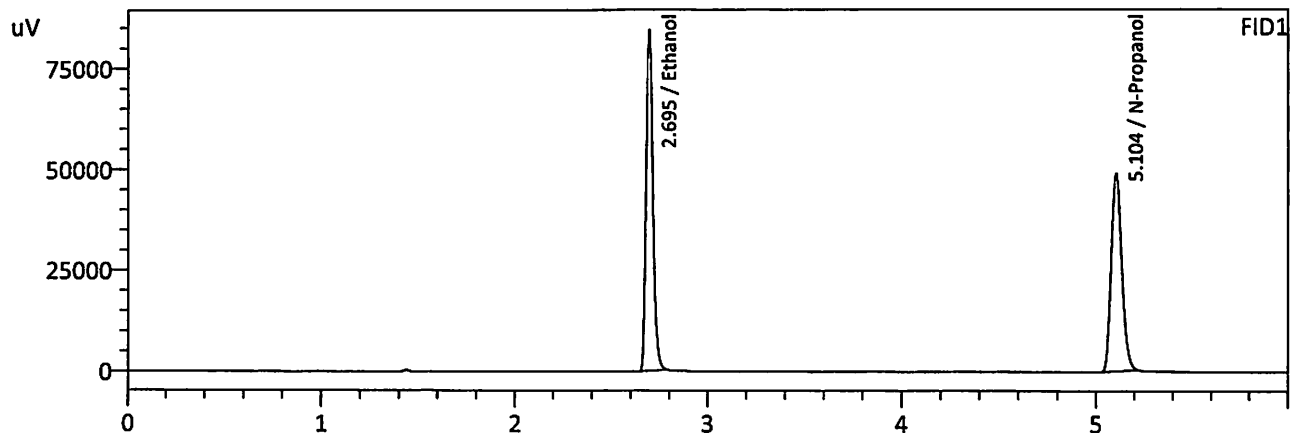
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2984	123506	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187273	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2981	132063	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	199696	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 5/4/2026 3:49:40 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



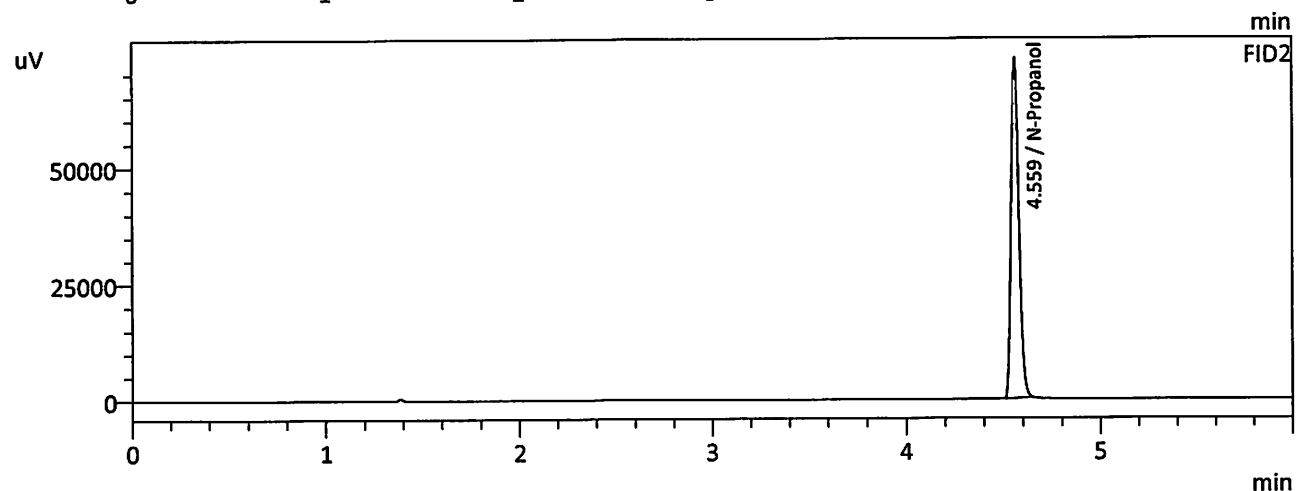
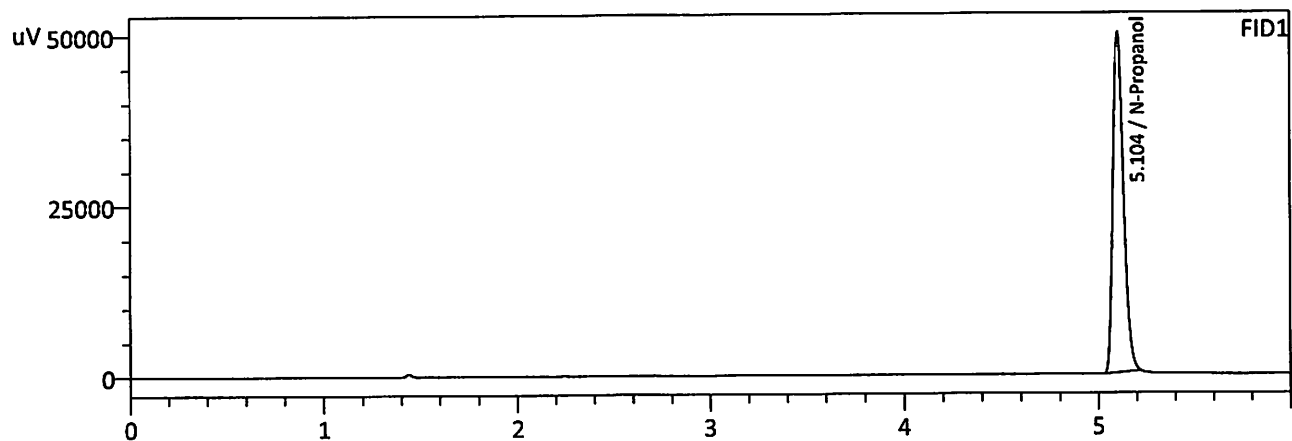
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5001	204401	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185257	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5003	218846	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197432	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : ISTD BLK
 Laboratory : Meridian
 Injection Date : 5/4/2026 4:02:18 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_260504jg.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	189425	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

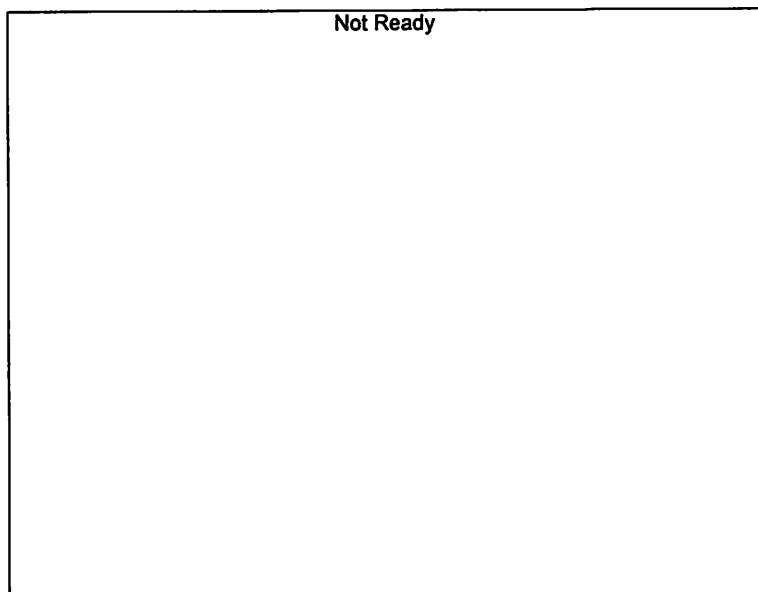
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202232	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Calibration Table

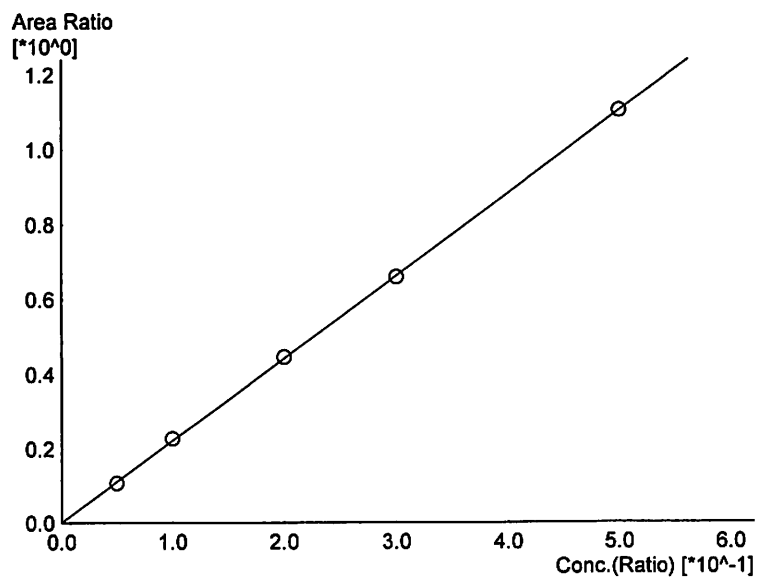
Laboratory : MERIDIAN
Instrument Name : GC-BAC
Instrument Serial # : C12595800409 / C12255750548

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Batch File :Default Project - CALCURVE_260504jg.gcb
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Date Created :5/4/2026 3:43:31 PM
Date Modified :5/4/2026 3:55:43 PM



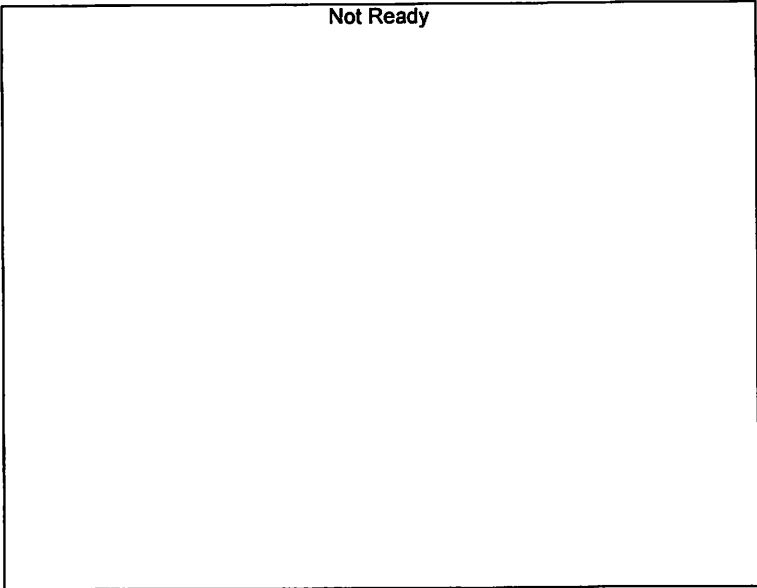
Name : Methanol
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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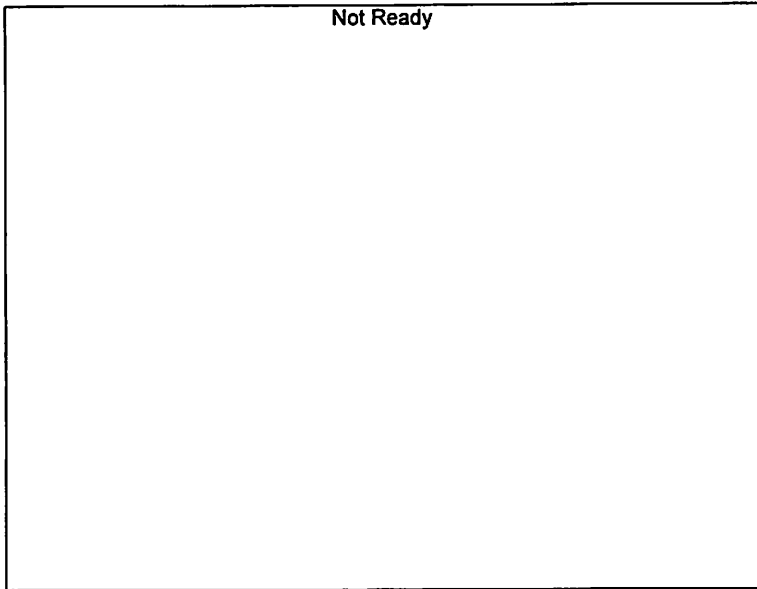
Name : Ethanol
Detector Name: FID1
Function : $f(x)=2.20118*x+0.00244794$
R^2 value= 0.9998905
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	20547	0.0477
2	0.100	47717	0.1022
3	0.200	85085	0.2013
4	0.300	123506	0.2984
5	0.500	204401	0.5001



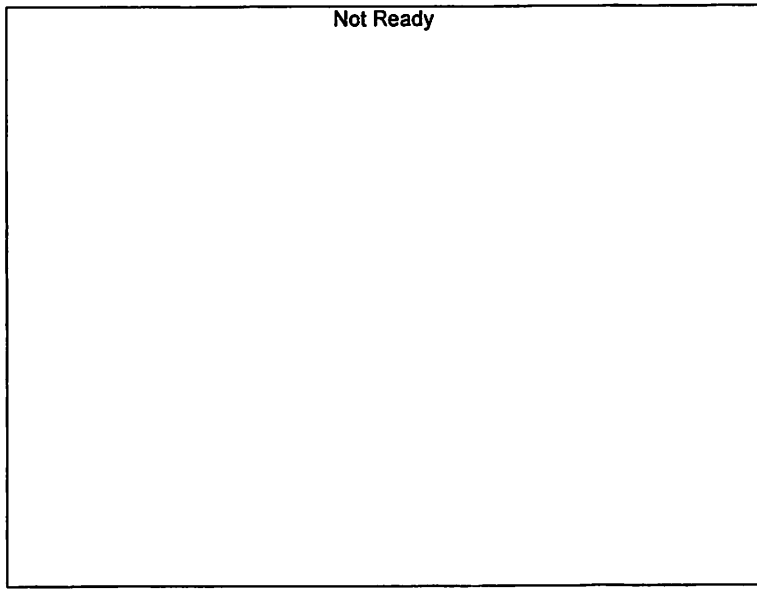
Name : Isopropyl Alcohol
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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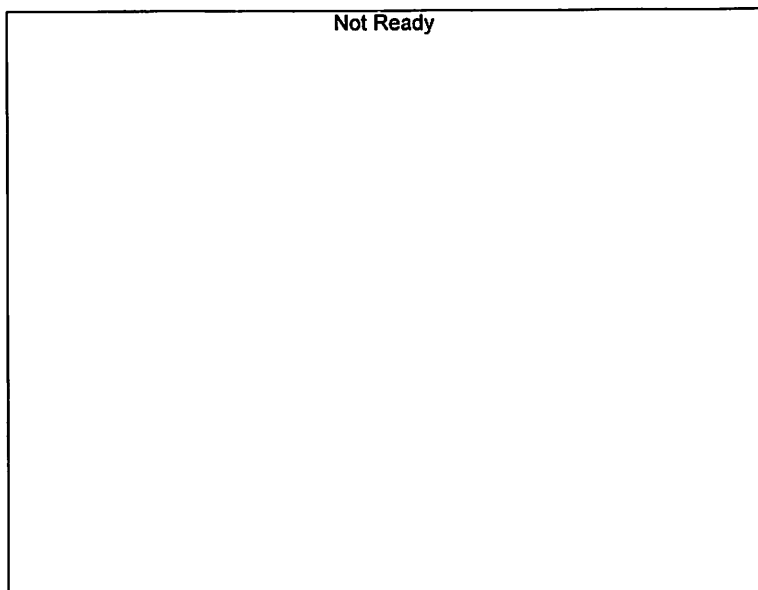
Name : Acetone
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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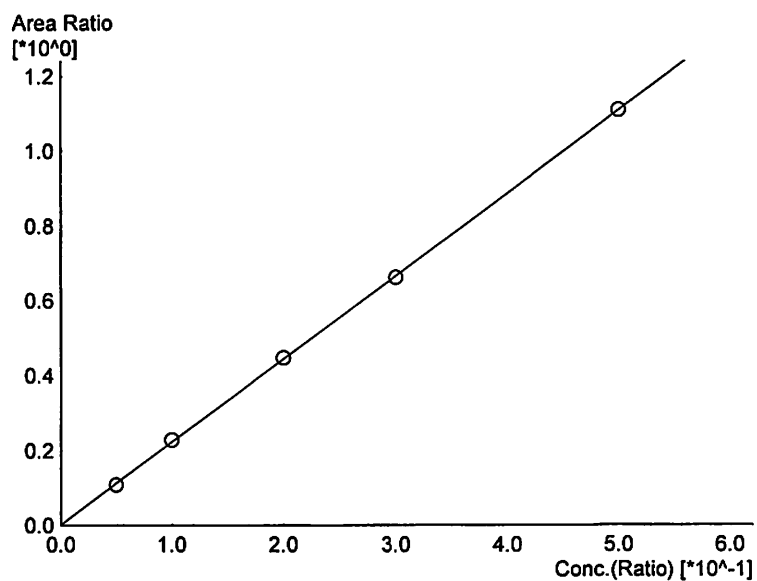
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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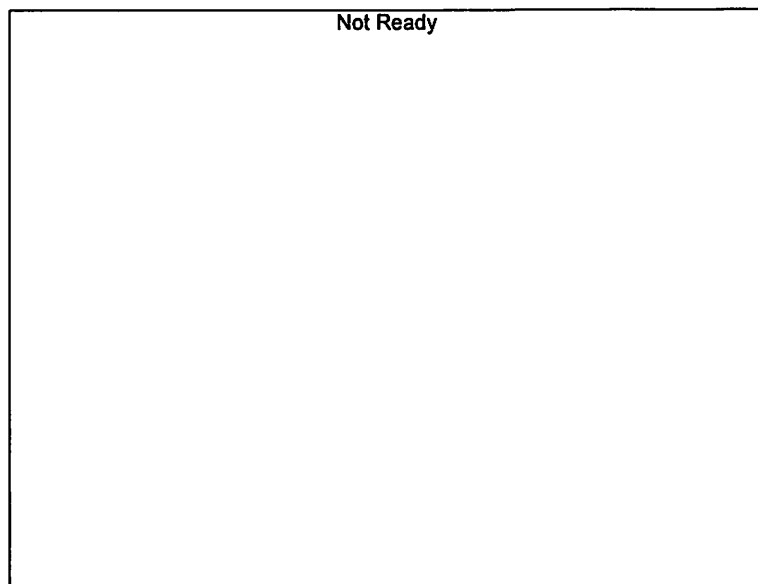
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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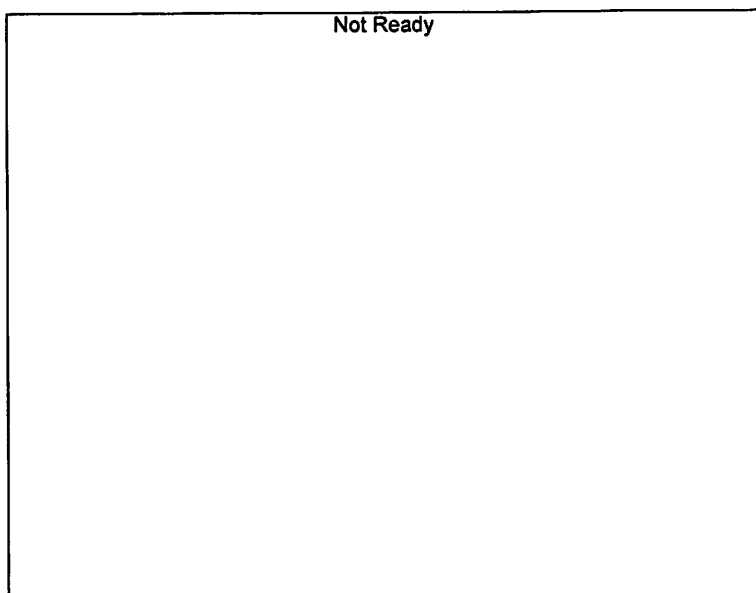
Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.21136*x+0.00202449$
 R^2 value= 0.9998887
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	22052	0.0479
2	0.100	51049	0.1021
3	0.200	90987	0.2013
4	0.300	132063	0.2981
5	0.500	218846	0.5003



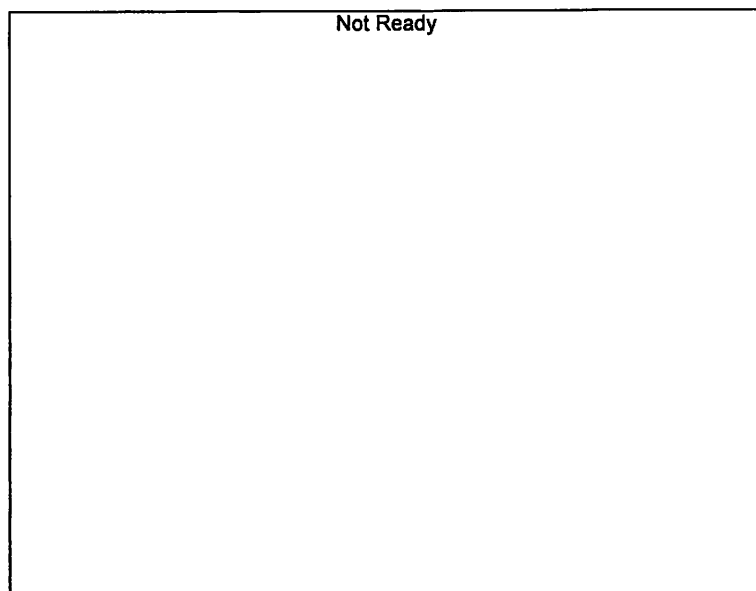
Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

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

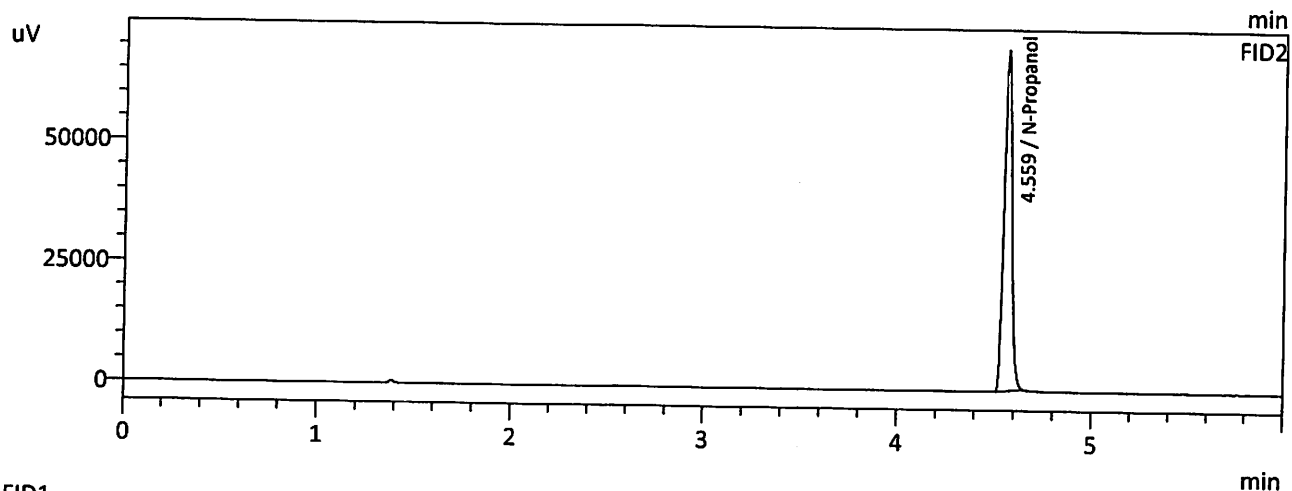
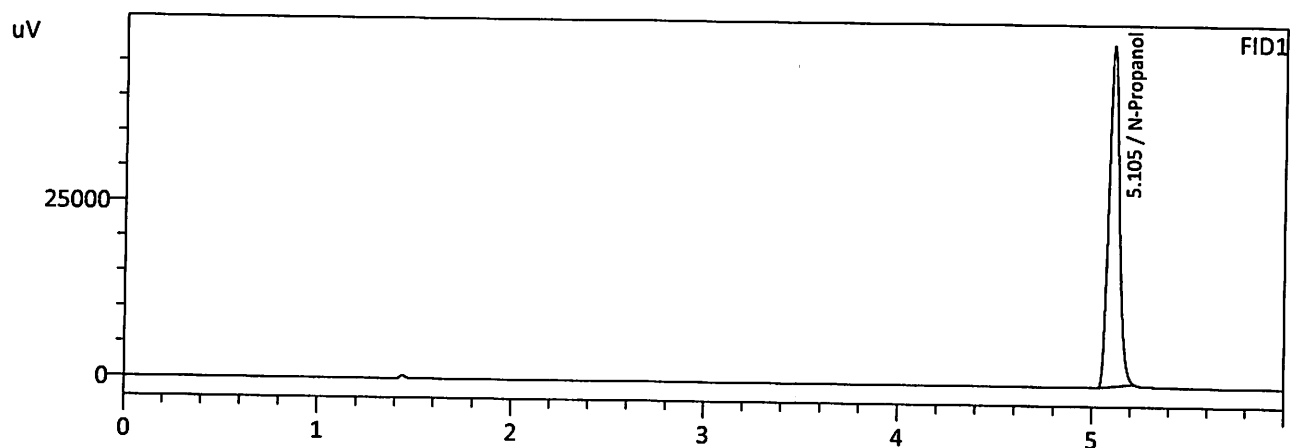
#	Conc.	Area	Std. Conc.
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Meridian Blood Alcohol Analysis Batch Table

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 260504jg.gcm
2	0.100	1:Standard	2	ALCOHOL 260504jg.gcm
3	0.200	1:Standard	3	ALCOHOL 260504jg.gcm
4	0.300	1:Standard	4	ALCOHOL 260504jg.gcm
5	0.500	1:Standard	5	ALCOHOL 260504jg.gcm
6	ISTD BLK	0:Unknown	0	ALCOHOL 260504jg.gcm

Sample Name : INT STD BLK 1
 Laboratory : Meridian
 Injection Date : 5/6/2026 10:42:00 AM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



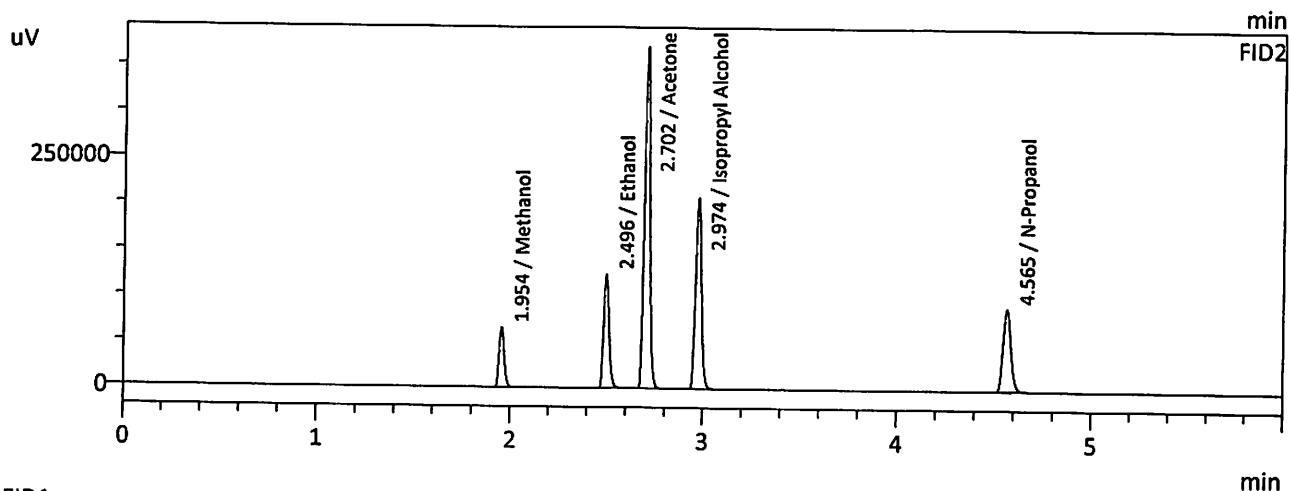
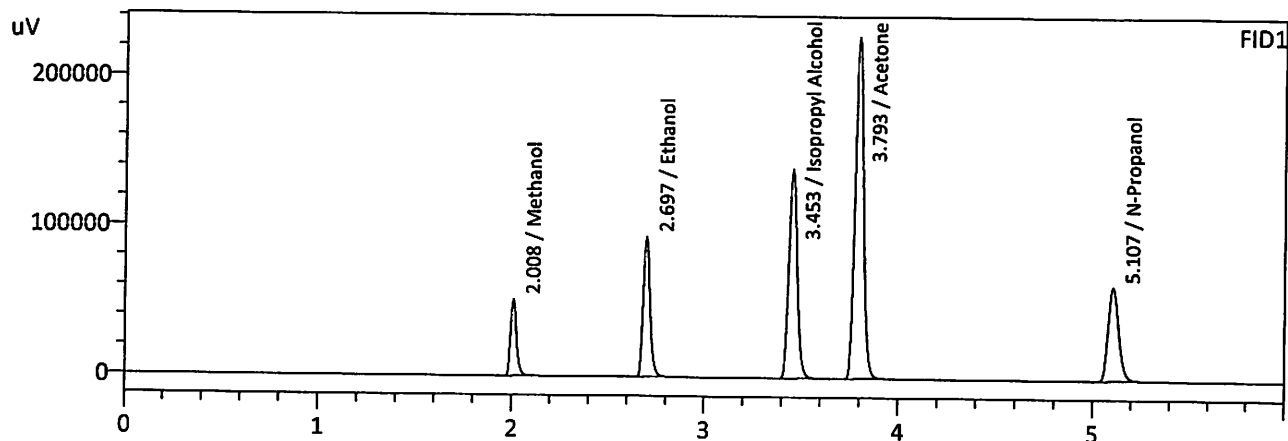
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183079	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	196349	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MIXED VOLATILES FN 05302307
 Laboratory : Meridian
 Injection Date : 5/6/2026 10:54:46 AM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	0.0000	108909	g/100cc
Ethanol	0.4375	227626	g/100cc
Isopropyl Alcohol	0.0000	412033	g/100cc
Acetone	0.0000	685966	g/100cc
N-Propanol	0.0000	235729	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	119159	g/100cc
Ethanol	0.4373	243023	g/100cc
Acetone	0.0000	733190	g/100cc
Isopropyl Alcohol	0.0000	435238	g/100cc
N-Propanol	0.0000	250743	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1			Analysis Date(s): 5/6/2026 11:06:43 AM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0788	0.0786	0.0002	0.0787	0.0002	0.0786
(g/100cc)	0.0786	0.0785	0.0001	0.0785		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

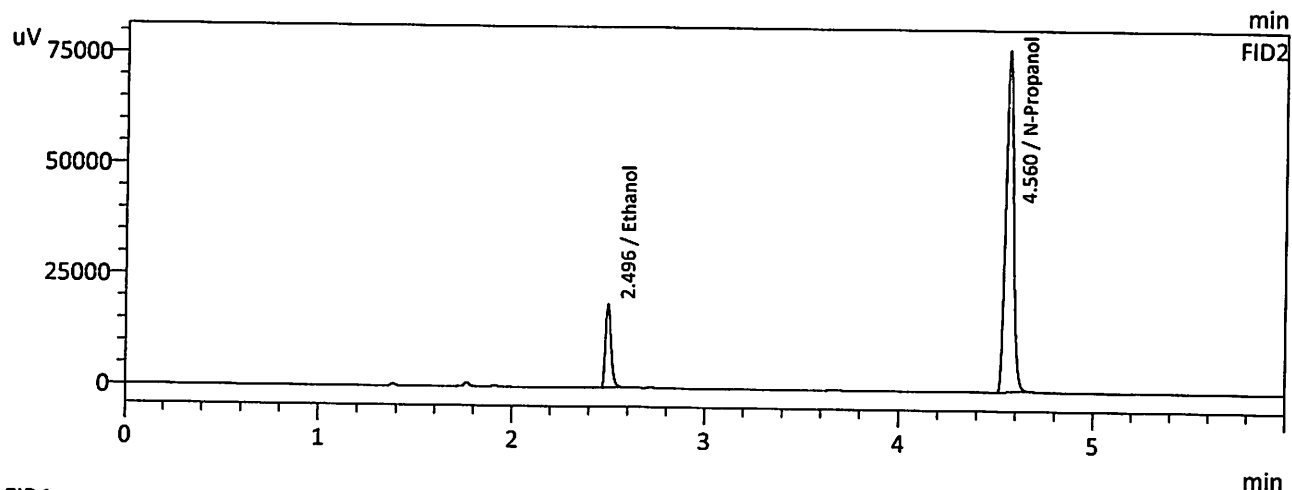
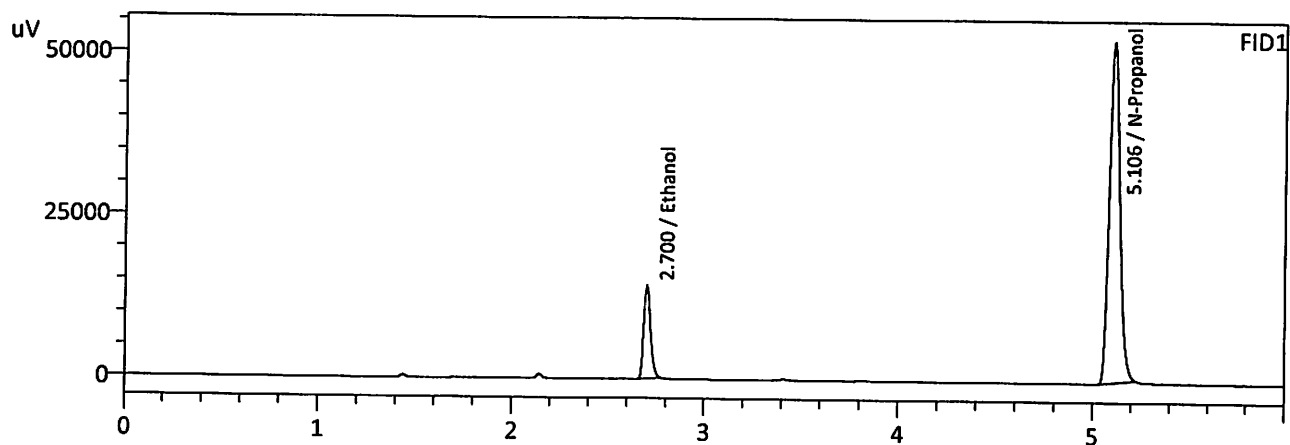
Refer To Instrument Method: ALCOHOL_260504jg.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.078	0.074	0.082	0.004

	Reported Results	
	0.078	

Calibration and control data are stored centrally.

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 5/6/2026 11:06:43 AM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



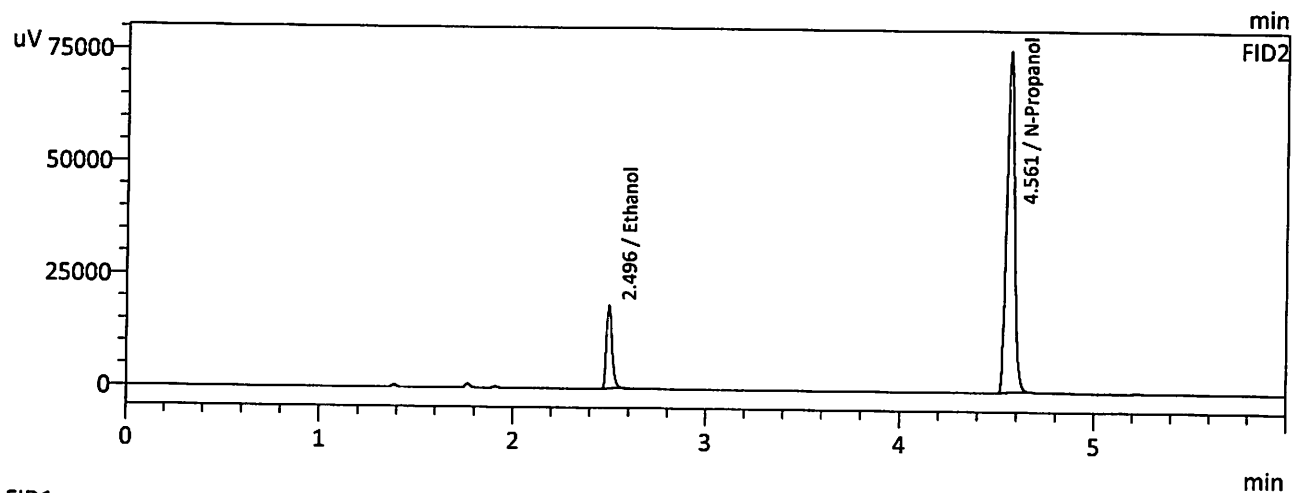
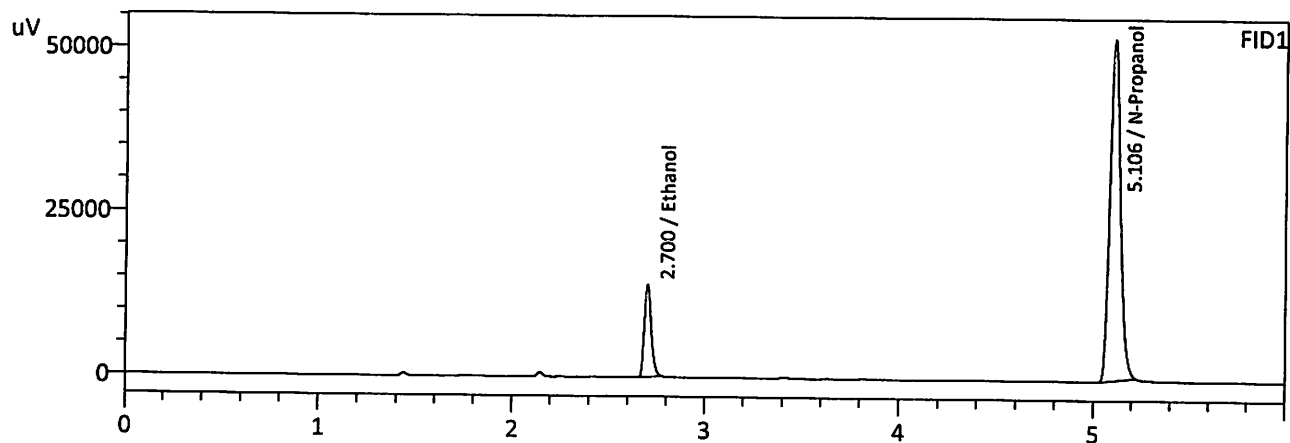
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0788	35019	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199014	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0786	37513	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	213246	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 5/6/2026 11:18:59 AM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0786	34544	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196867	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0785	37046	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	210765	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 5/6/2026 11:31:42 AM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0814	0.0812	0.0002	0.0813	0.0043	0.0791
(g/100cc)	0.0772	0.0768	0.0004	0.0770		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

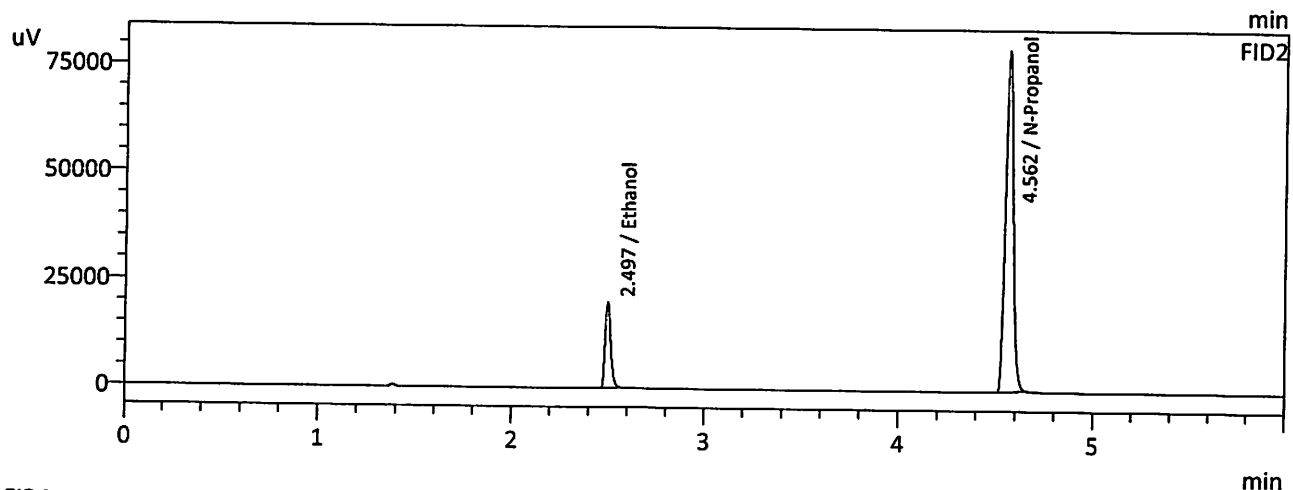
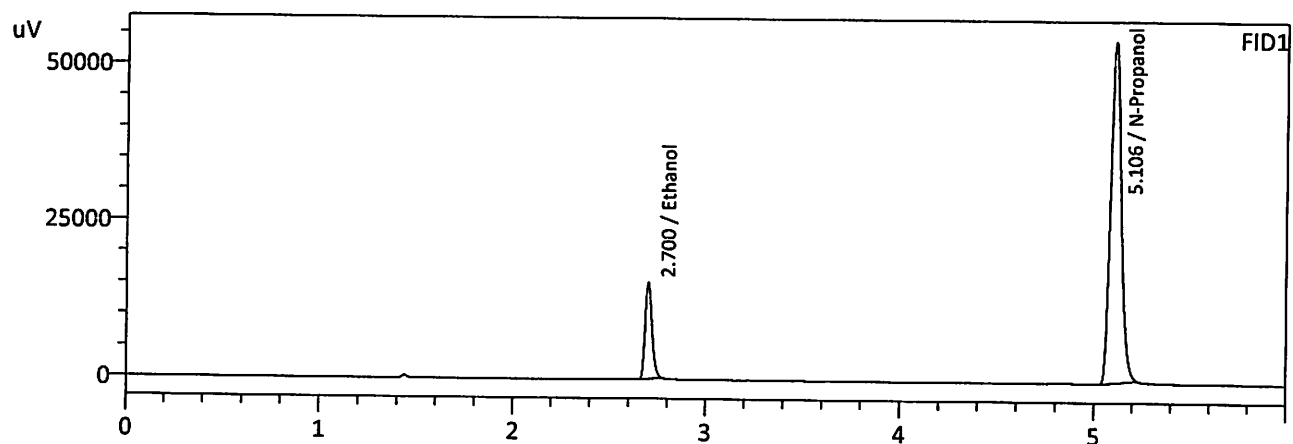
Refer To Instrument Method: ALCOHOL_260504jg.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.079	0.075	0.083	0.004

	Reported Results	
	0.079	

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 5/6/2026 11:31:42 AM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



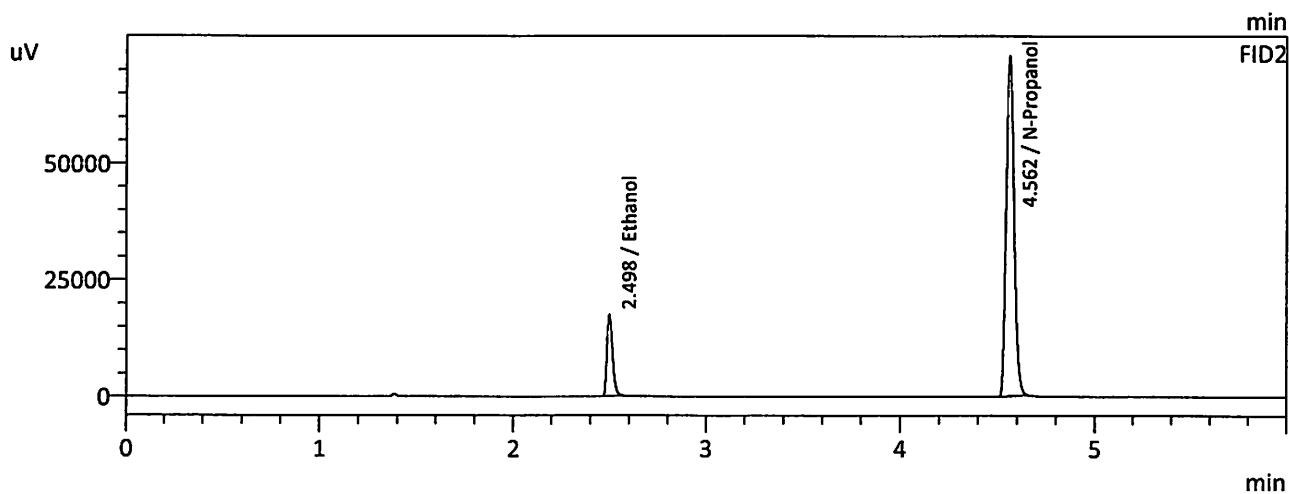
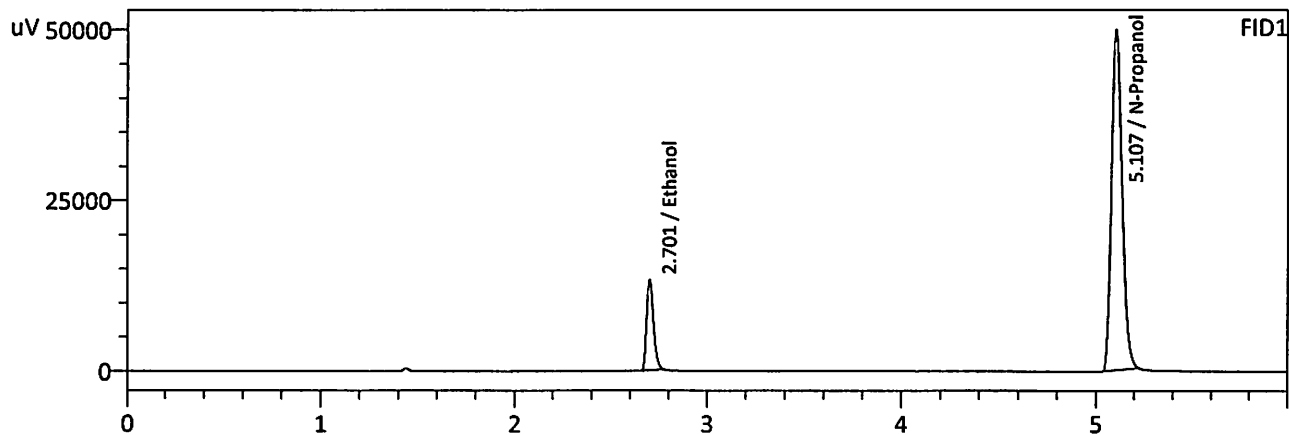
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0814	37519	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206372	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0812	40099	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220646	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 5/6/2026 11:44:09 AM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0772	32696	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	189522	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0768	34902	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202967	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1			Analysis Date(s): 5/6/2026 3:38:38 PM(-06:00)			
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.2020	0.2016	0.0004	0.2018	0.0021	0.2007
(g/100cc)	0.2001	0.1994	0.0007	0.1997		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

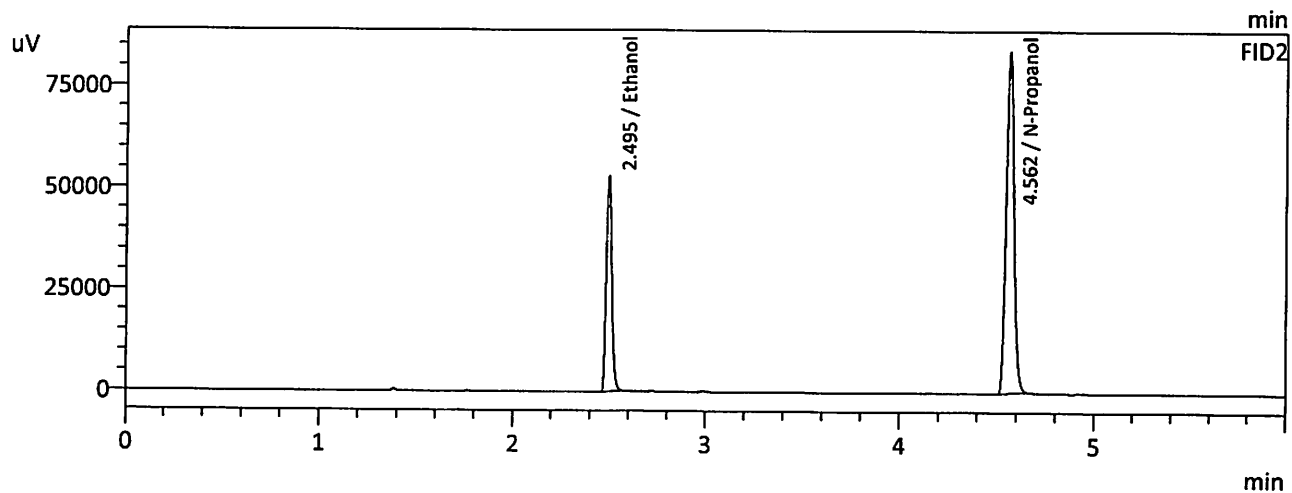
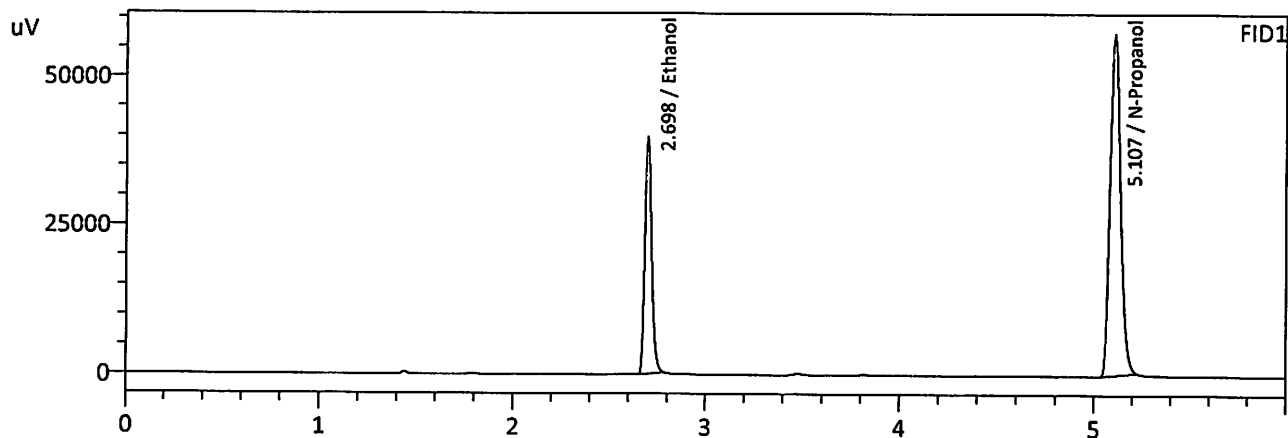
Refer To Instrument Method: ALCOHOL_260504jg.gcm

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.

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 5/6/2026 3:38:38 PM
 Vial # : 25
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



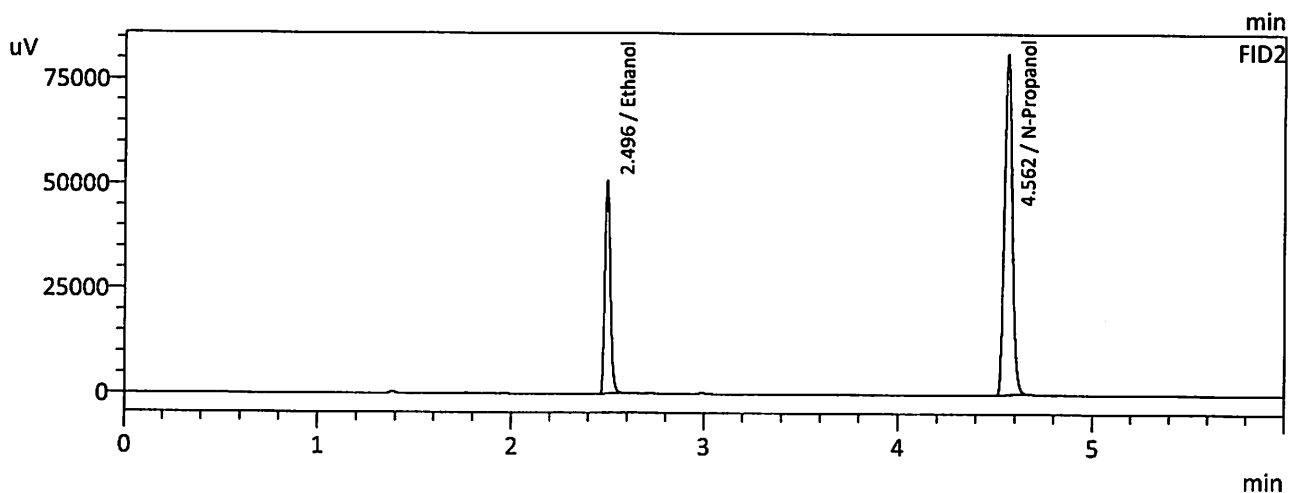
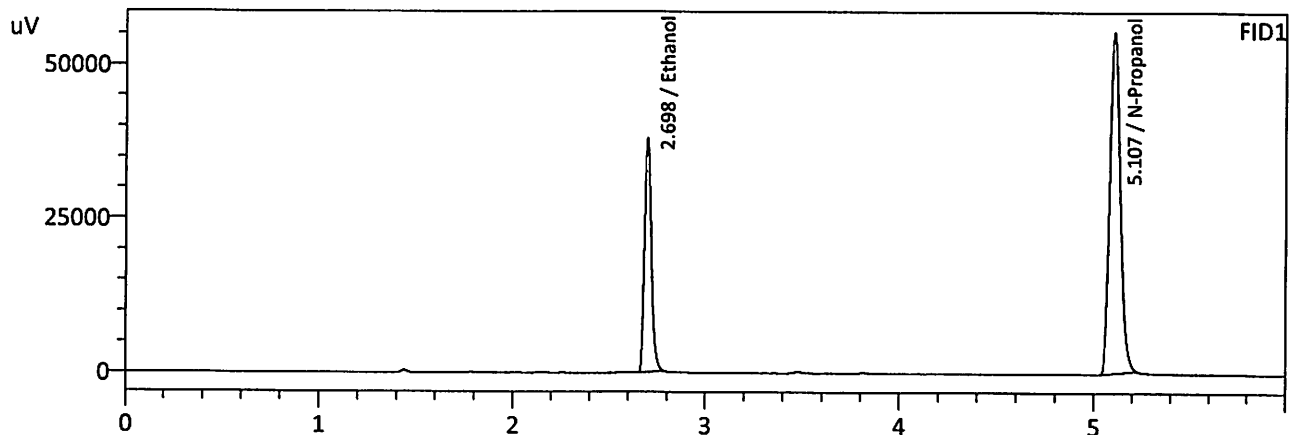
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2020	97053	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	217067	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2016	104291	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	232792	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 5/6/2026 3:51:14 PM
 Vial # : 26
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2001	92986	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209889	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1994	99774	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225139	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2			Analysis Date(s): 5/6/2026 8:10:50 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0817	0.0818	0.0001	0.0817	0.0002	0.0816
(g/100cc)	0.0815	0.0816	0.0001	0.0815		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

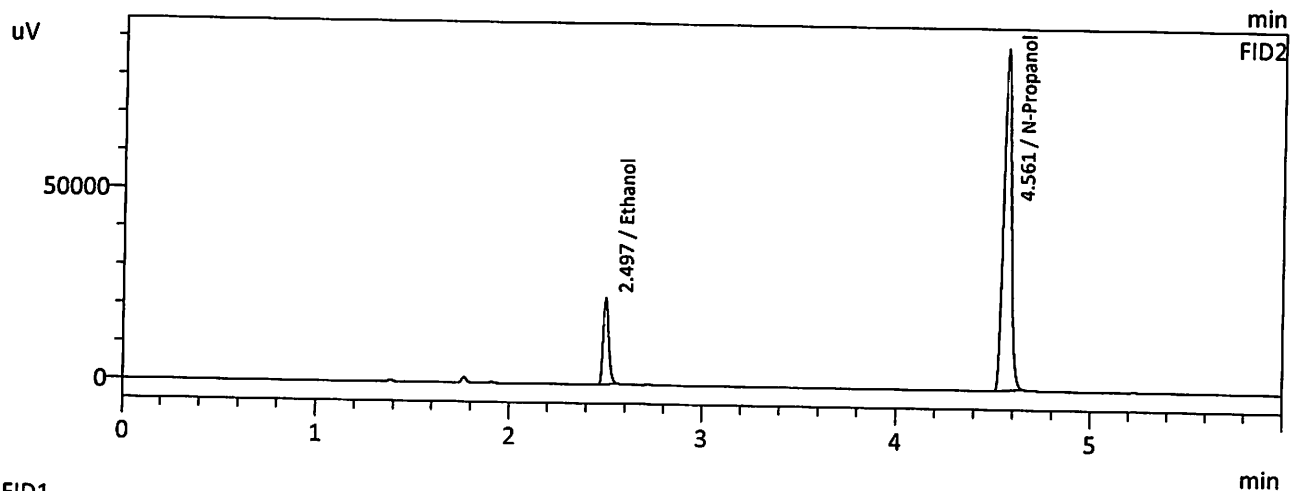
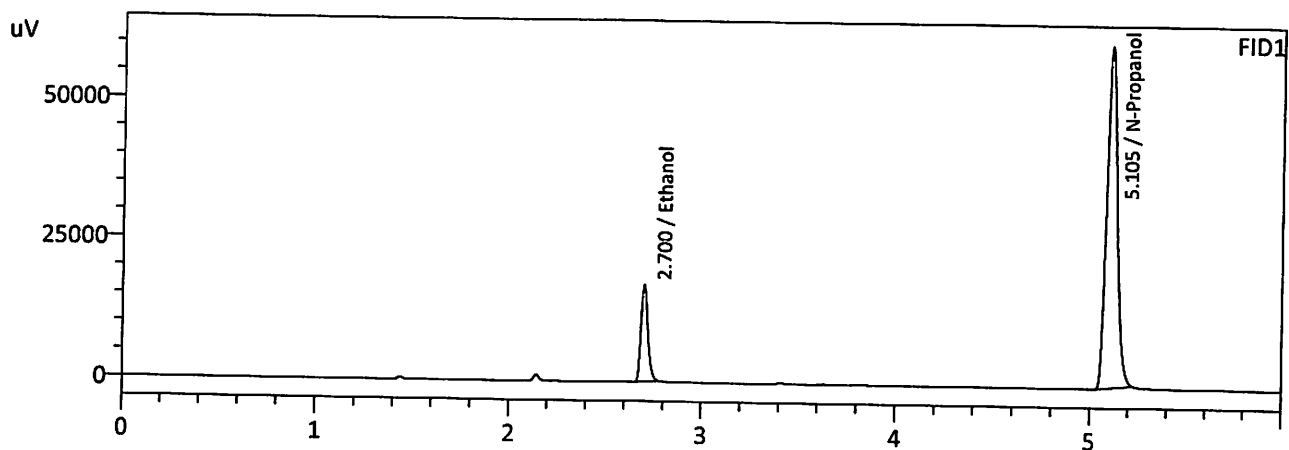
Refer To Instrument Method: ALCOHOL_260504jg.gcm

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.

Sample Name : QC1-2
 Laboratory : Meridian
 Injection Date : 5/6/2026 8:10:50 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



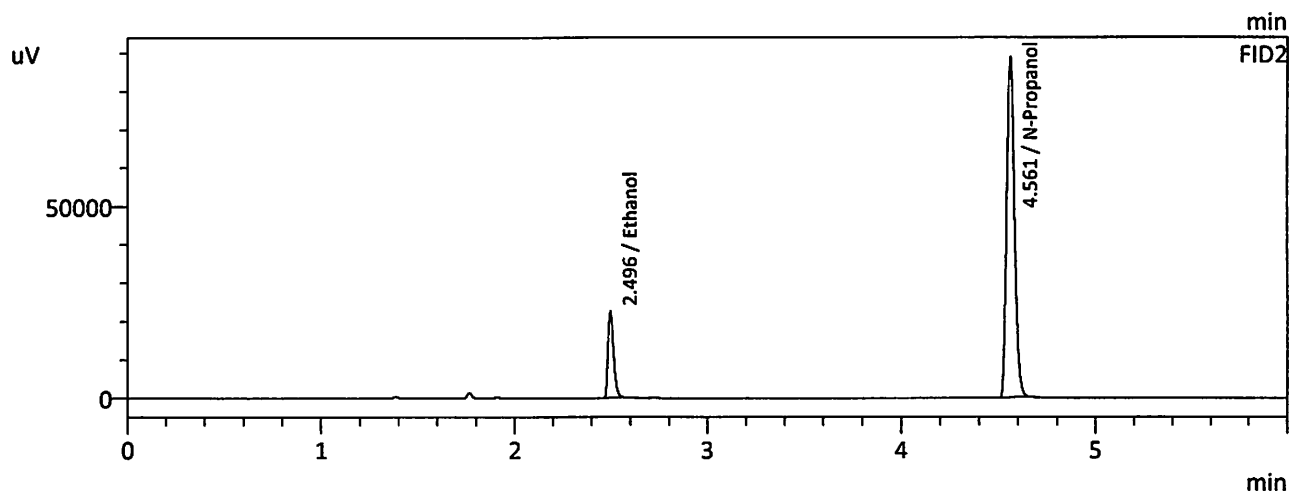
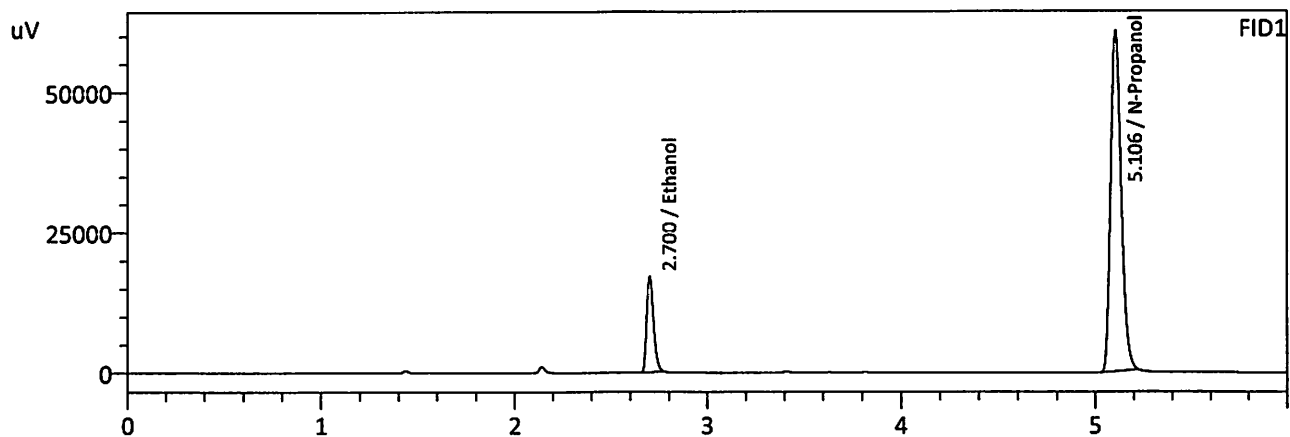
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	42064	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	230760	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0818	45240	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247270	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : 5/6/2026 8:22:48 PM
 Vial # : 48
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0815	41807	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	229757	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0816	44970	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	246387	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-2			Analysis Date(s): 5/6/2026 9:24:39 PM(-06:00)			
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.2033	0.2027	0.0006	0.2030	0.0030	0.2015
(g/100cc)	0.2003	0.1998	0.0005	0.2000		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

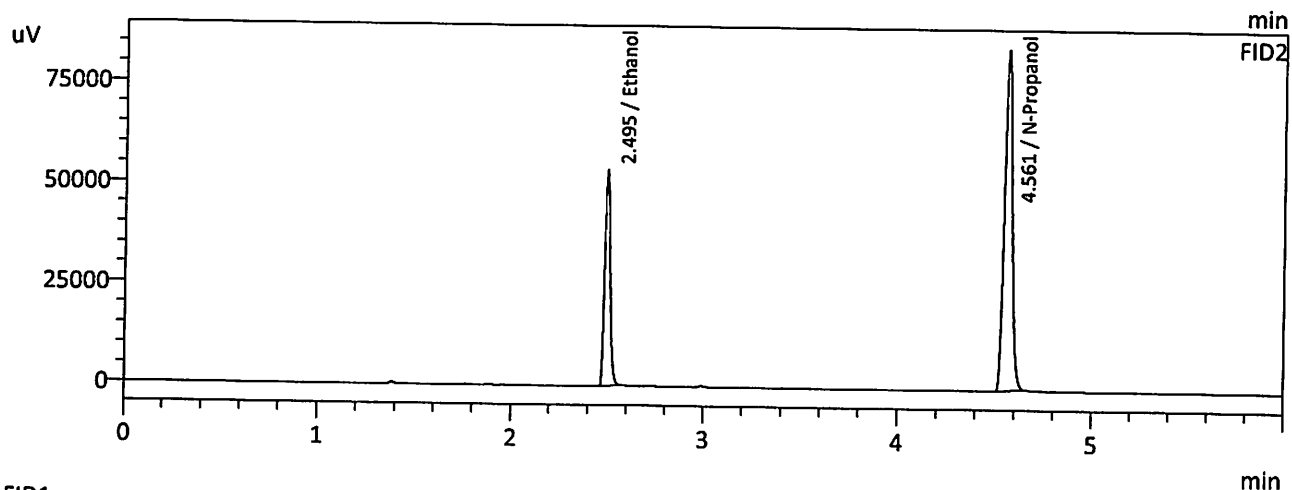
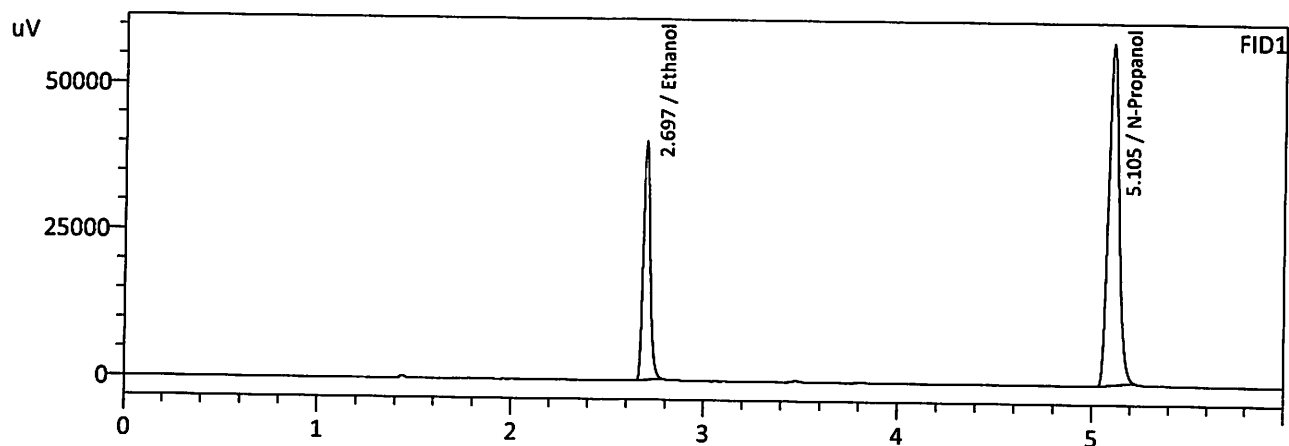
Refer To Instrument Method: ALCOHOL_260504jg.gcm

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.

Sample Name : QC2-2
 Laboratory : Meridian
 Injection Date : 5/6/2026 9:24:39 PM
 Vial # : 53
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

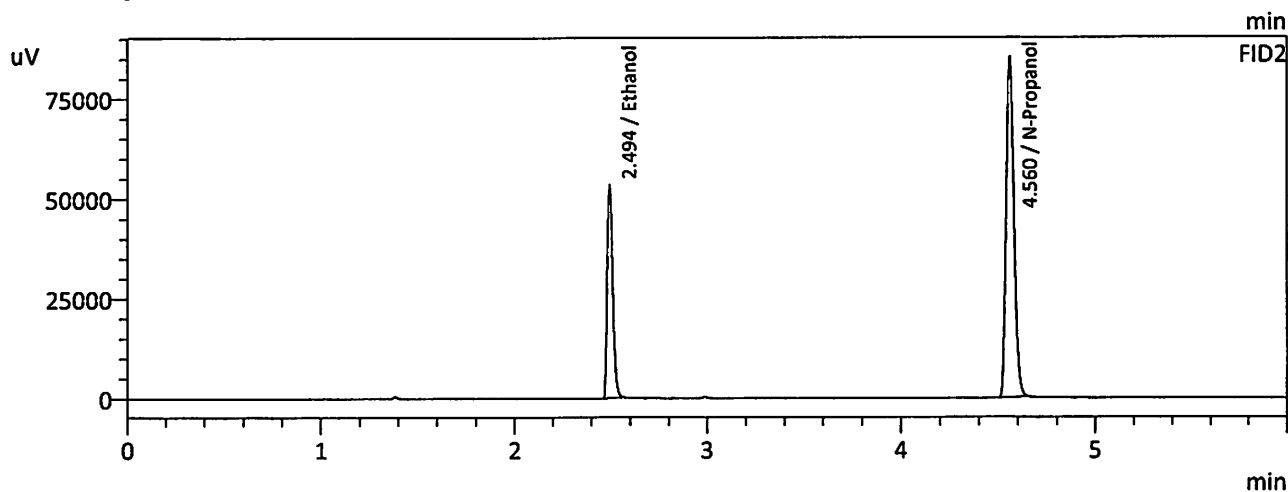
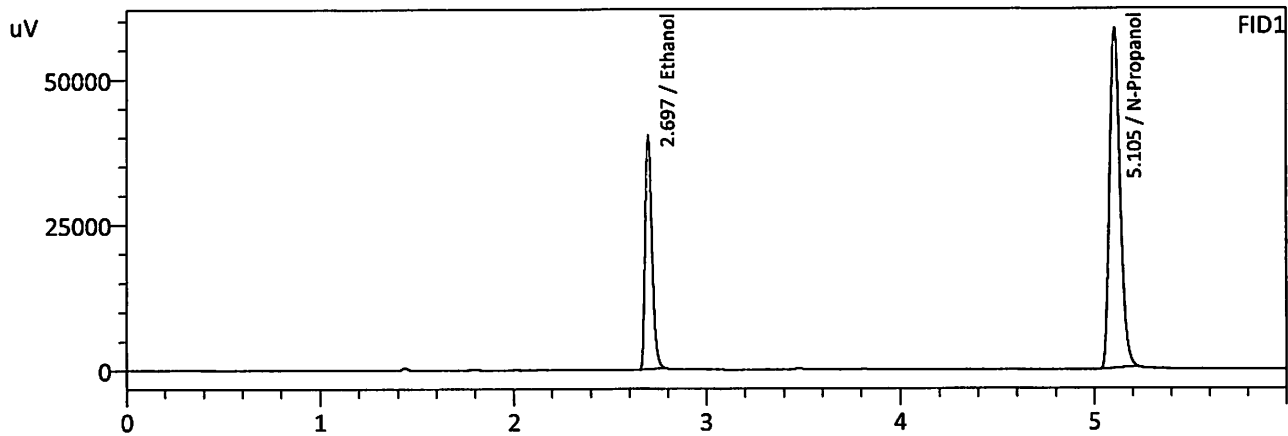
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2033	98995	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219961	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2027	106080	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	235518	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

31

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : 5/6/2026 9:36:46 PM
 Vial # : 54
 Method Filename : Default Project - ALCOHOL_260504jg.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



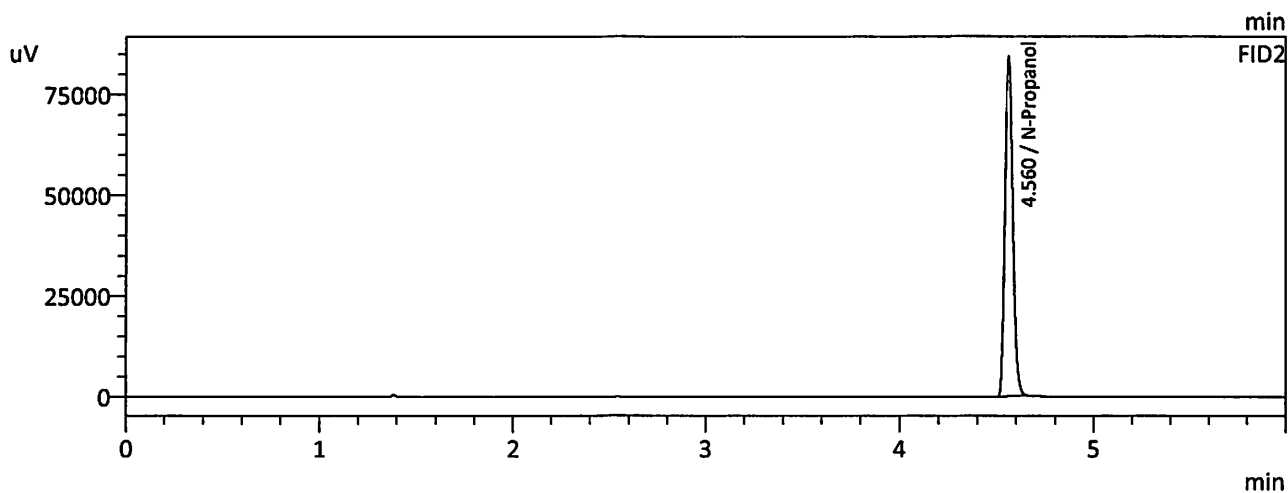
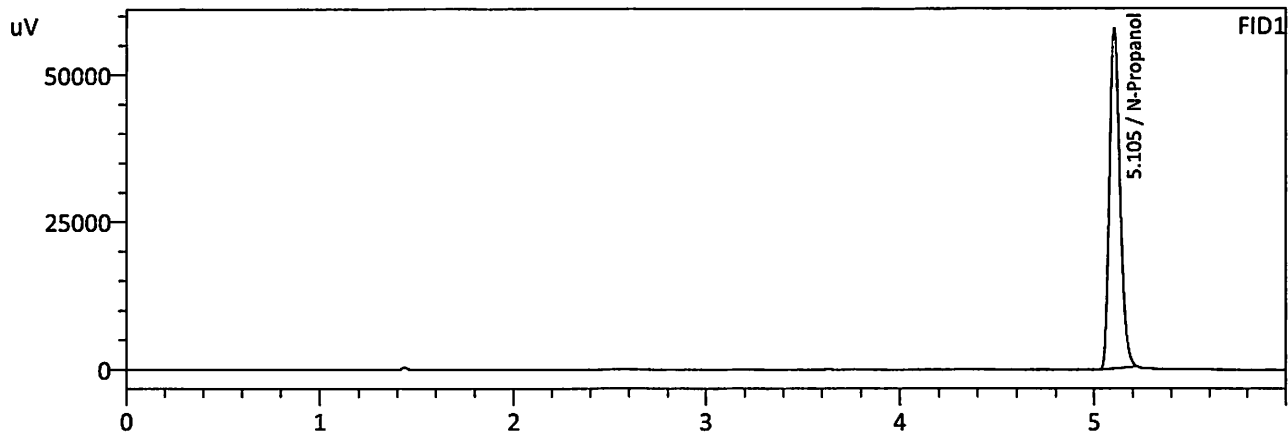
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2003	97951	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	220930	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1998	105090	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	236701	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 5/6/2026 9:49:18 PM
 Vial # : 55
 Method Filename : Default Project - ALCOHOL_260504jg.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	218504	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	234129	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Meridian Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255750548
 Shimadzu HS-20 Serial #C12595800409
 Lab Solutions Database Software Ver. 6.111
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Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL 260504jg.gcm
2	ED VOLATILES FN 0530	0:Unknown	1	ALCOHOL 260504jg.gcm
3	QC-1-1	0:Unknown	0	ALCOHOL 260504jg.gcm
4	QC-1-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
5	0.08 QA	0:Unknown	0	ALCOHOL 260504jg.gcm
6	0.08 QA	0:Unknown	0	ALCOHOL 260504jg.gcm
7	M2026-1533-2	0:Unknown	0	ALCOHOL 260504jg.gcm
8	M2026-1533-2-B	0:Unknown	0	ALCOHOL 260504jg.gcm
9	M2026-1665-1	0:Unknown	0	ALCOHOL 260504jg.gcm
10	M2026-1665-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
11	M2026-1666-1	0:Unknown	0	ALCOHOL 260504jg.gcm
12	M2026-1666-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
13	M2026-1667-1	0:Unknown	0	ALCOHOL 260504jg.gcm
14	M2026-1667-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
15	M2026-1696-1	0:Unknown	0	ALCOHOL 260504jg.gcm
16	M2026-1696-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
17	M2026-1703-1	0:Unknown	0	ALCOHOL 260504jg.gcm
18	M2026-1703-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
19	M2026-1704-1	0:Unknown	0	ALCOHOL 260504jg.gcm
20	M2026-1704-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
21	M2026-1706-1	0:Unknown	0	ALCOHOL 260504jg.gcm
22	M2026-1706-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
23	M2026-1707-1	0:Unknown	0	ALCOHOL 260504jg.gcm
24	M2026-1707-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
25	QC-2-1	0:Unknown	0	ALCOHOL 260504jg.gcm
26	QC-2-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
27	M2026-1718-1	0:Unknown	0	ALCOHOL 260504jg.gcm
28	M2026-1718-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
29	M2026-1728-1	0:Unknown	0	ALCOHOL 260504jg.gcm
30	M2026-1728-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
31	M2026-1729-1	0:Unknown	0	ALCOHOL 260504jg.gcm
32	M2026-1729-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
33	M2026-1749-2	0:Unknown	0	ALCOHOL 260504jg.gcm
34	M2026-1749-2-B	0:Unknown	0	ALCOHOL 260504jg.gcm
35	M2026-1752-1	0:Unknown	0	ALCOHOL 260504jg.gcm
36	M2026-1752-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
37	M2026-1764-1	0:Unknown	0	ALCOHOL 260504jg.gcm
38	M2026-1764-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
39	M2026-1778-1	0:Unknown	0	ALCOHOL 260504jg.gcm
40	M2026-1778-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
41	M2026-1779-1	0:Unknown	0	ALCOHOL 260504jg.gcm
42	M2026-1779-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
43	M2026-1792-1	0:Unknown	0	ALCOHOL 260504jg.gcm
44	M2026-1792-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
45	M2026-1811-1	0:Unknown	0	ALCOHOL 260504jg.gcm
46	M2026-1811-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
47	QC1-2	0:Unknown	0	ALCOHOL 260504jg.gcm
48	QC1-2-B	0:Unknown	0	ALCOHOL 260504jg.gcm
49	M2026-1813-1	0:Unknown	0	ALCOHOL 260504jg.gcm
50	M2026-1813-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
51	M2026-1827-1	0:Unknown	0	ALCOHOL 260504jg.gcm
52	M2026-1827-1-B	0:Unknown	0	ALCOHOL 260504jg.gcm
53	QC2-2	0:Unknown	0	ALCOHOL 260504jg.gcm
54	QC2-2-B	0:Unknown	0	ALCOHOL 260504jg.gcm
55	INT STD BLK	0:Unknown	0	ALCOHOL 260504jg.gcm