

REVIEWED

4/16/2025

By Galina Giso at 8:35 am, Apr 17, 2025

Worklist: 7103

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2025-1308	1	BCK	Alcohol Analysis	
M2025-1357	1	BCK	Alcohol Analysis	
M2025-1369	1	BCK	Alcohol Analysis	
M2025-1461	1	BCK	Alcohol Analysis	
M2025-1479	1	BCK	Alcohol Analysis	
M2025-1486	1	BCK	Alcohol Analysis	
M2025-1491	1	BCK	Alcohol Analysis	
M2025-1493	1	BCK	Alcohol Analysis	
M2025-1494	1	BCK	Alcohol Analysis	
M2025-1517	1	BCK	Alcohol Analysis	
M2025-1534	1	BCK	Alcohol Analysis	
M2025-1538	2	BCK	Alcohol Analysis	
M2025-1539	1	BCK	Alcohol Analysis	
M2025-1540	1	BCK	Alcohol Analysis	
M2025-1542	1	BCK	Alcohol Analysis	
M2025-1552	1	BCK	Alcohol Analysis	
M2025-1553	1	BCK	Alcohol Analysis	
M2025-1560	1	BCK	Alcohol Analysis	
M2025-1569	1	BCK	Alcohol Analysis	
P2025-0644	1	BCK	Alcohol Analysis	

NB 4/17/25

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):

4/15/25

Calibration Date: 4/15/25

Worklist #:

7103

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	May-27	2302119	0.0837	0.0754-0.0920	0.0806 g/100cc
					0.0836 g/100cc
					g/100cc
Level 2	May-27	2302120	0.2054	0.1849-0.2259	0.1995 g/100cc
				0.1827-0.2233	0.2003 g/100cc
				NB 4/17/25	g/100cc
Multi-Component mixture:		Exp:	28-May	Lot #	FN05302307
Curve Fit:			Column 1	0.99975	Column2 0.99971

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0527	0.0529	0.0002	0.0528
100	0.100	0.090 - 0.110	0.1006	0.1008	0.0002	0.1007
200	0.200	0.180 - 0.220	0.1958	0.1955	0.0003	0.1956
300	0.300	0.270 - 0.330	0.2985	0.2984	1E-04	0.2984
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5021	0.5022	1E-04	0.5021

Aqueous Controls

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

NB

Internal Standard Monitoring Worksheet

Worklist #:	7103	Run Date(s):	4/15/25
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Internal Standard Solution:	Prep Date:	4/9/2025	Exp Date:	10/9/2025
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Sample Name	Column 1 Value	Column 2 Value
0.080	181811	187660
0.080	183220	188738
QC1	183052	188740
QC1	184176	190293
QC1	214819	222273
QC1	213611	220373
QC1		
QC1		
QC2	213435	220745
QC2	213410	220322
QC2	219460	226744
QC2	222716	229687
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	202971.0	162376.8	243565.2
Column 2	209557.5	167646.0	251469.0

NB

Calibration Table

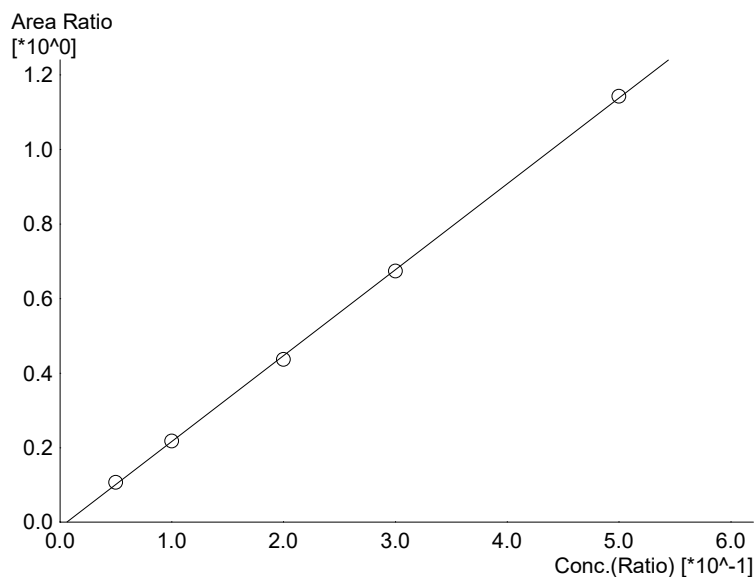
Laboratory : MERIDIAN
 Instrument Name : GC-BAC
 Instrument Serial # : C12595800409 / C12255750548

<<Method File>>
 Method File :Default Project - ALCOHOL_250415NB.gcm
 Date Created :4/16/2025 10:43:42 AM
 Date Modified :4/16/2025 10:43:42 AM



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

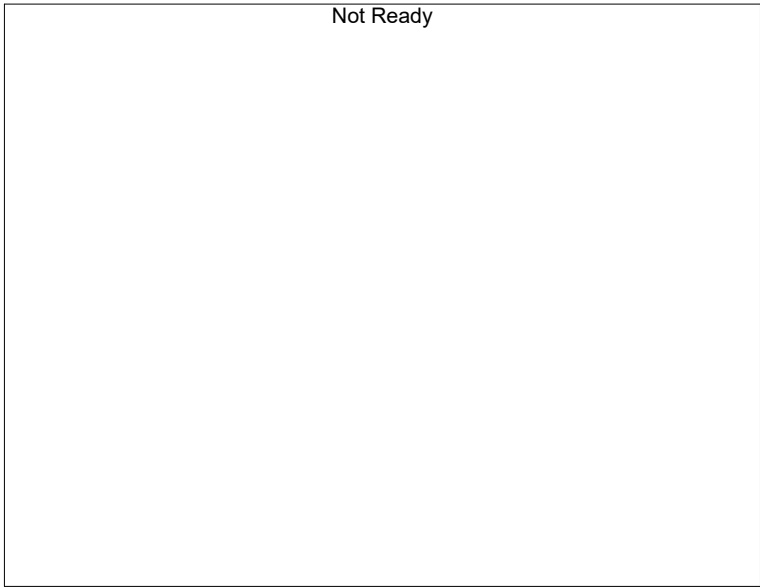
#	Conc.	Area	Std. Conc.
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Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.30457*x-0.0144371$
 R² value= 0.9997518
 FitType: Linear
 ZeroThrough: Not Through

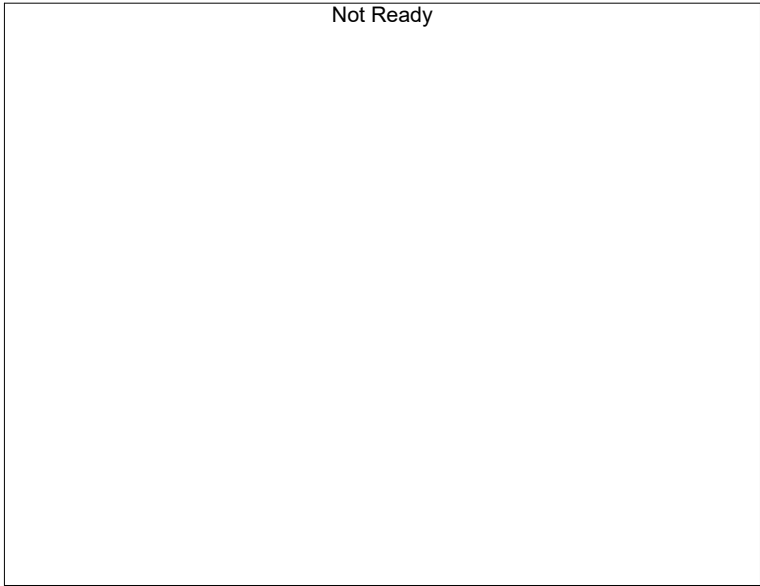
#	Conc.	Area	Std. Conc.
1	0.050	18948	0.0527
2	0.100	38699	0.1006
3	0.200	78905	0.1958
4	0.300	120956	0.2985
5	0.500	208156	0.5021

NB



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

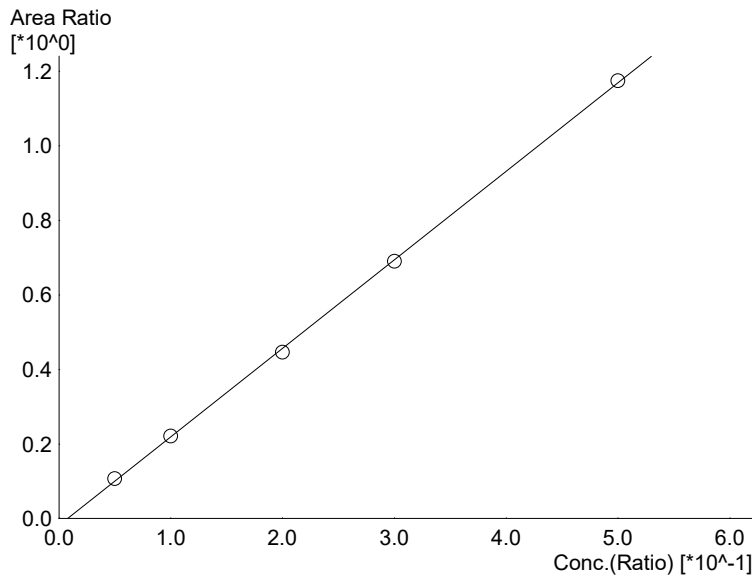
#	Conc.	Area	Std. Conc.
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NB



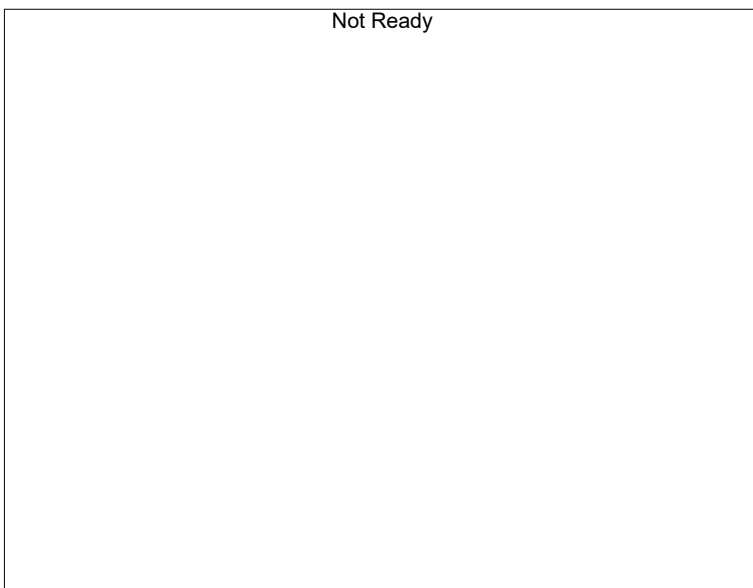
Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.37556*x-0.0186543$
 R² value= 0.9997140
 FitType: Linear
 ZeroThrough: Not Through

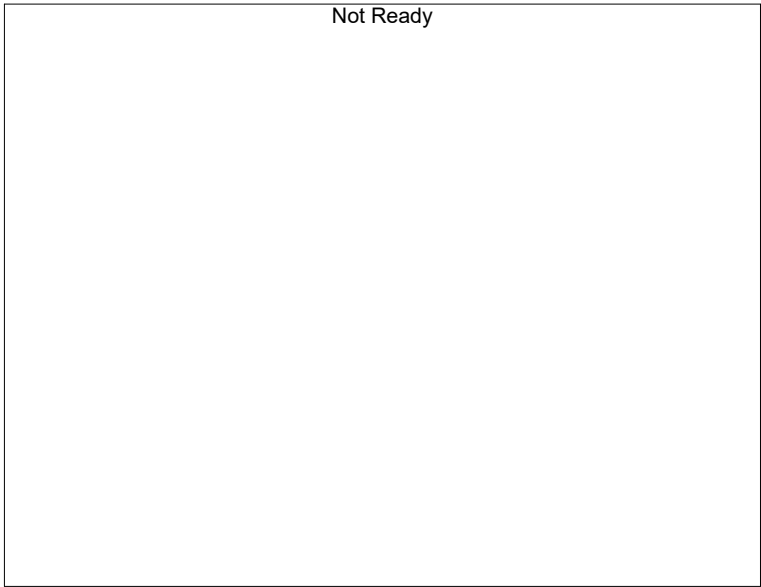
#	Conc.	Area	Std. Conc.
1	0.050	19467	0.0529
2	0.100	40460	0.1008
3	0.200	82843	0.1955
4	0.300	127327	0.2984
5	0.500	220046	0.5022



Name : Acetone
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

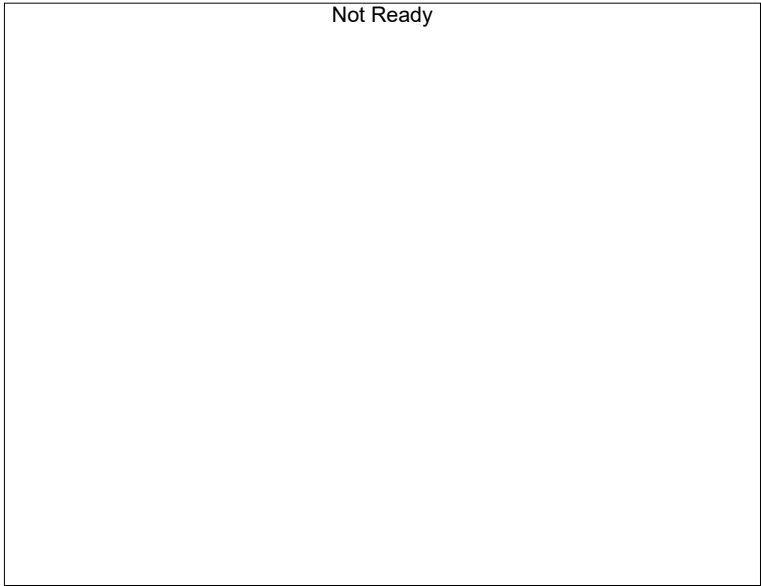
#	Conc.	Area	Std. Conc.
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NB



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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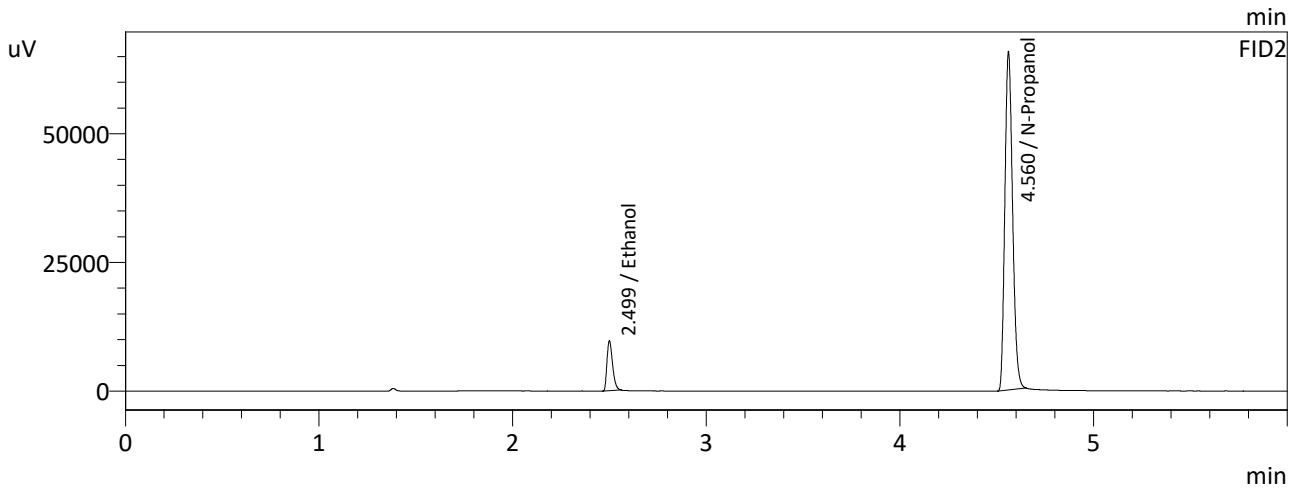
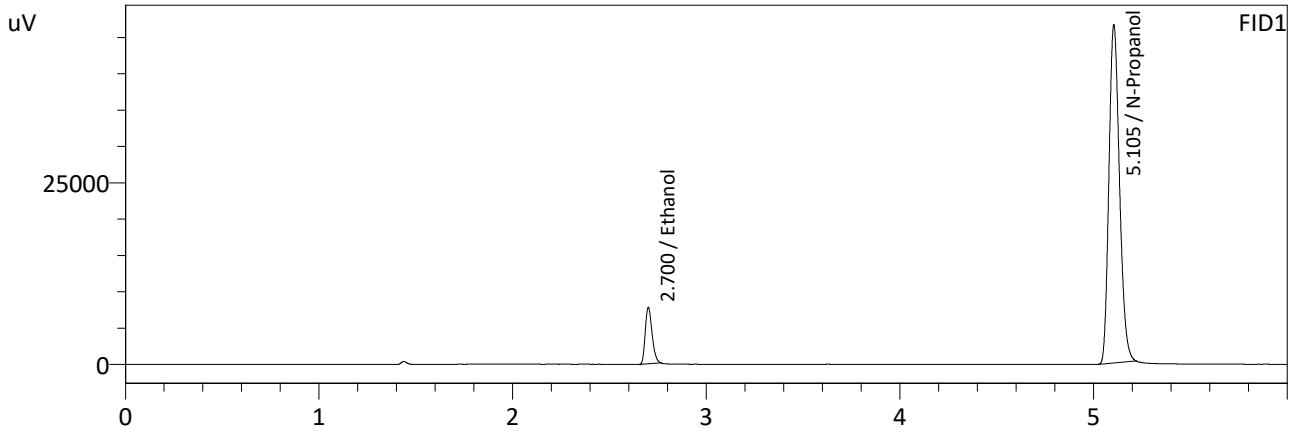


Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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NB

Sample Name : 0.050
 Laboratory : Meridian
 Injection Date : 4/15/2025 11:24:08 AM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

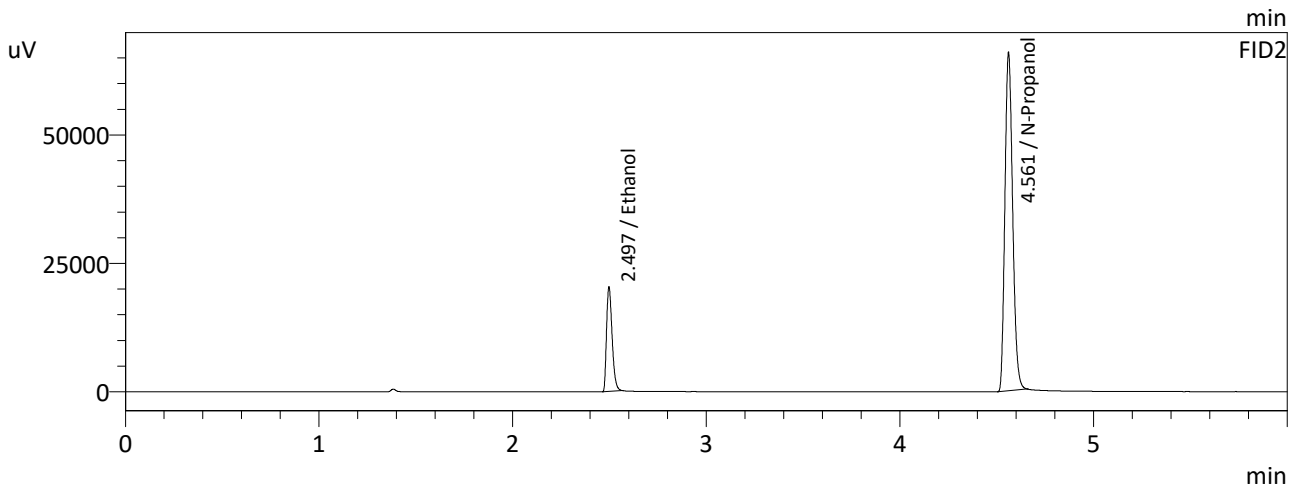
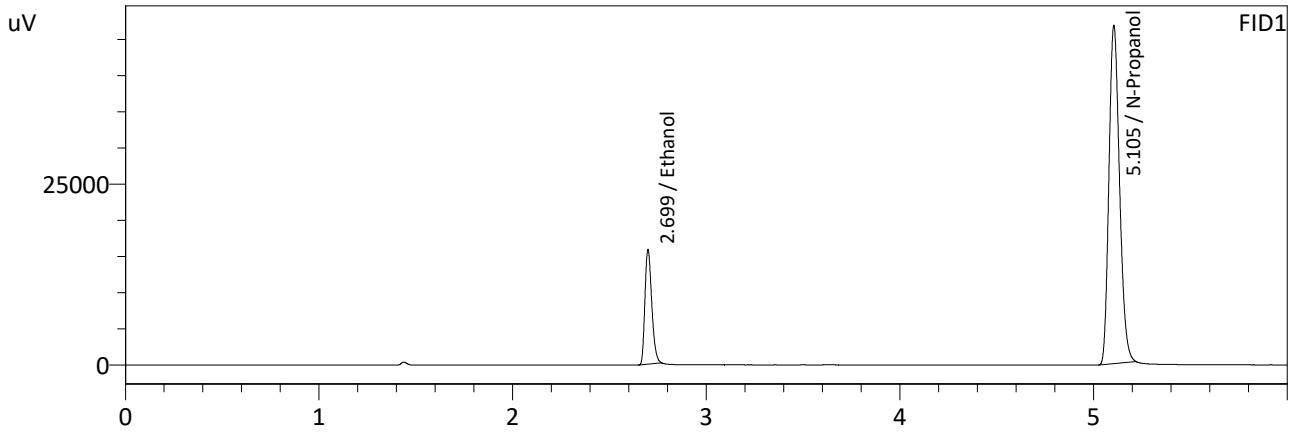
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0527	18948	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	176737	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0529	19467	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	181888	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.100
 Laboratory : Meridian
 Injection Date : 4/15/2025 11:36:54 AM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

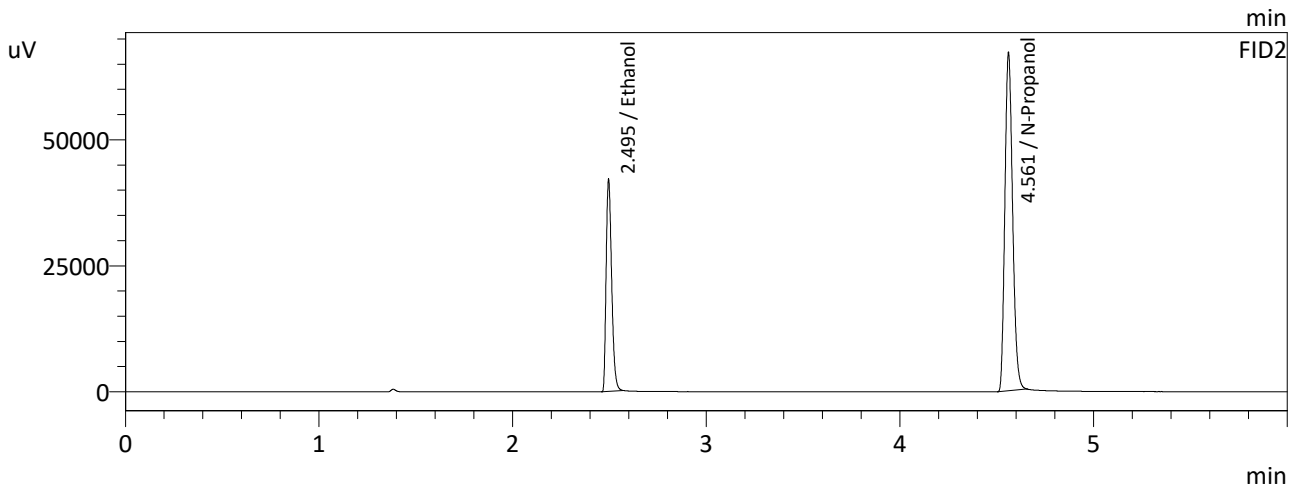
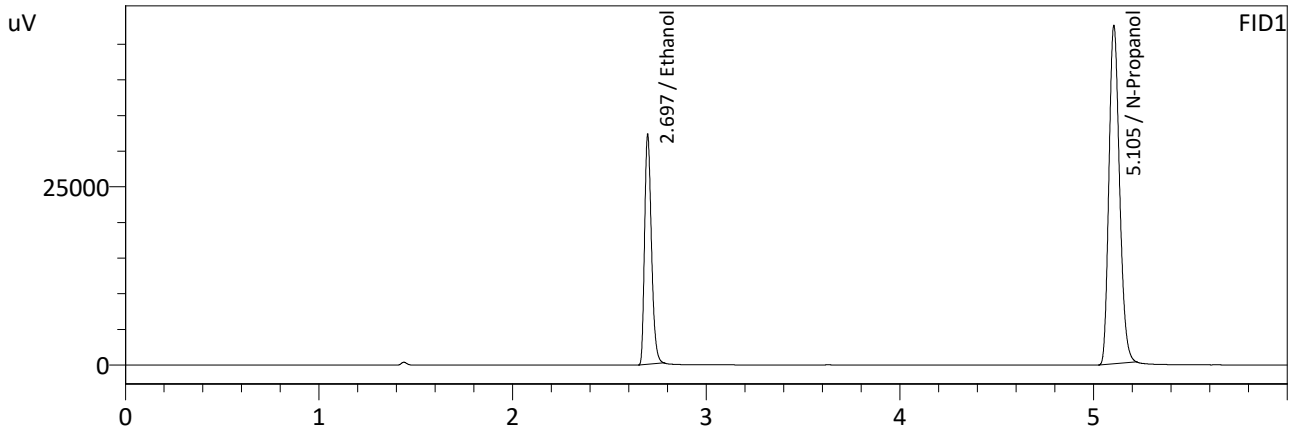
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1006	38699	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	177841	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1008	40460	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	183130	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.200
 Laboratory : Meridian
 Injection Date : 4/15/2025 11:49:04 AM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

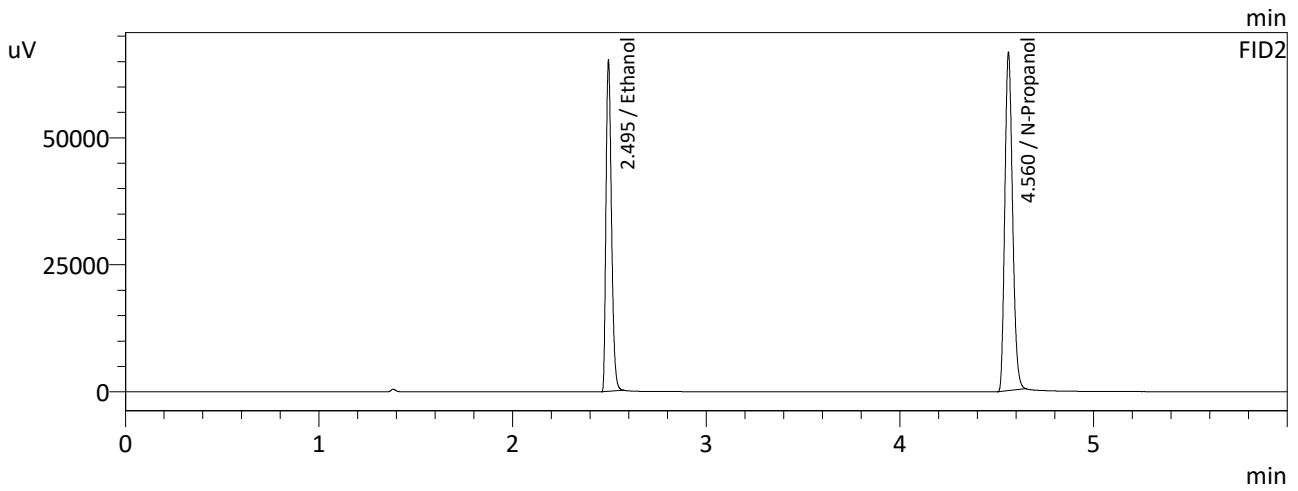
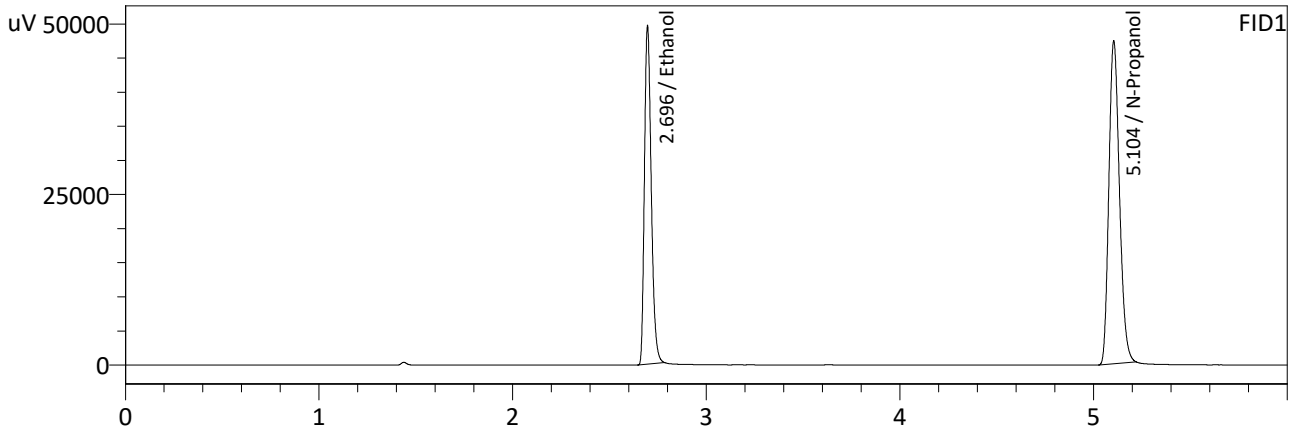
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1958	78905	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	180570	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1955	82843	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	185807	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.300
 Laboratory : Meridian
 Injection Date : 4/15/2025 12:01:25 PM
 Vial # : 14
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

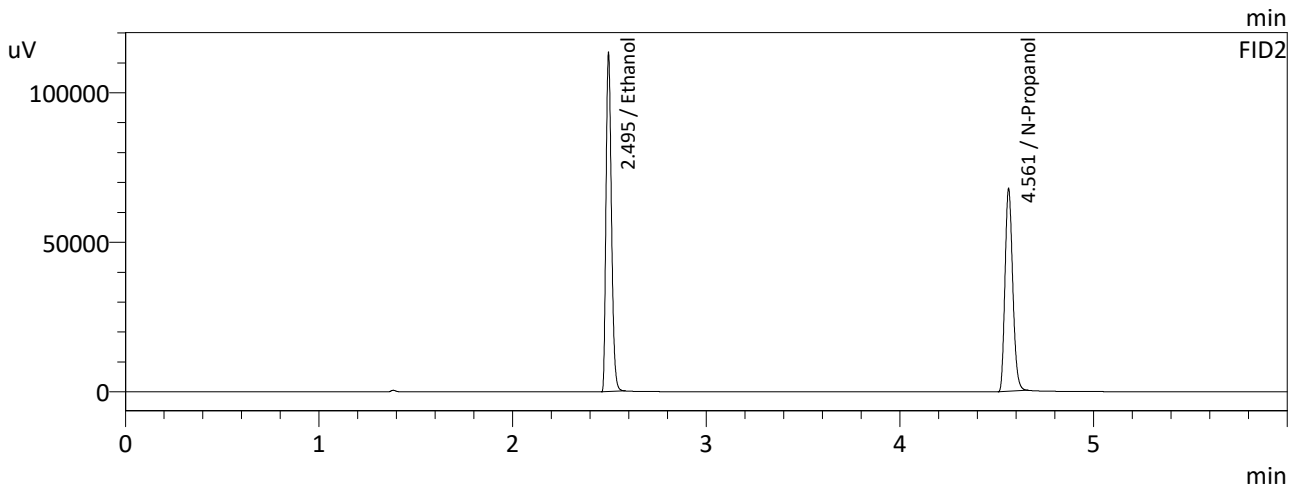
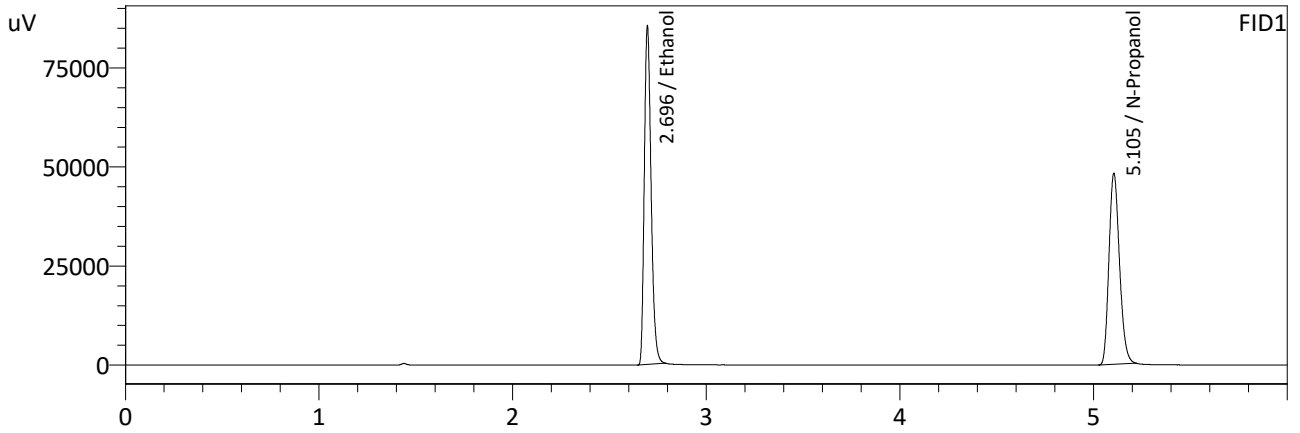
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2985	120956	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179574	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2984	127327	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	184448	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.500
 Laboratory : Meridian
 Injection Date : 4/15/2025 12:13:38 PM
 Vial # : 15
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

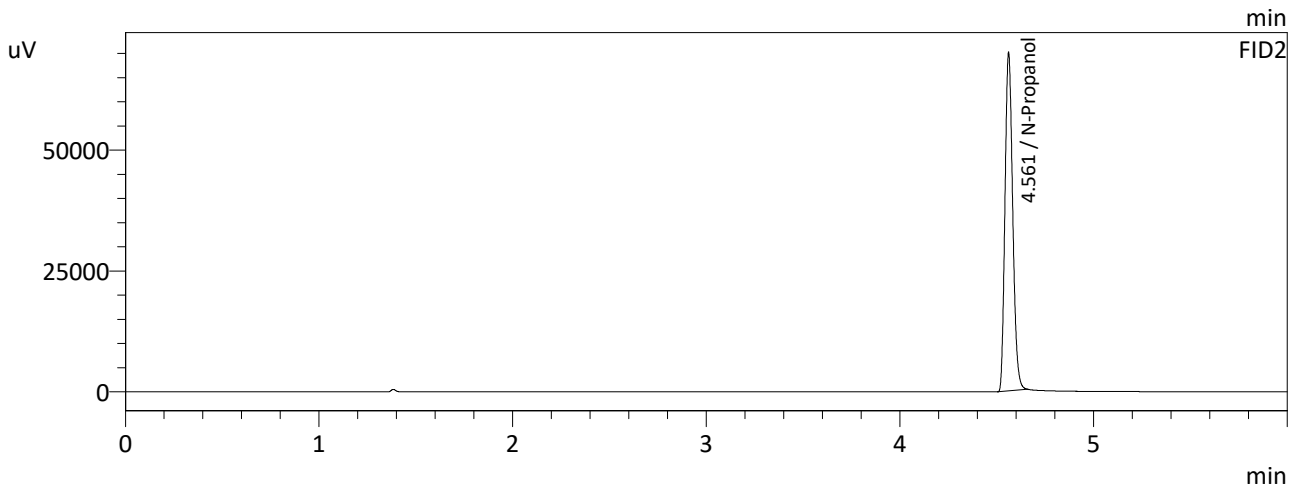
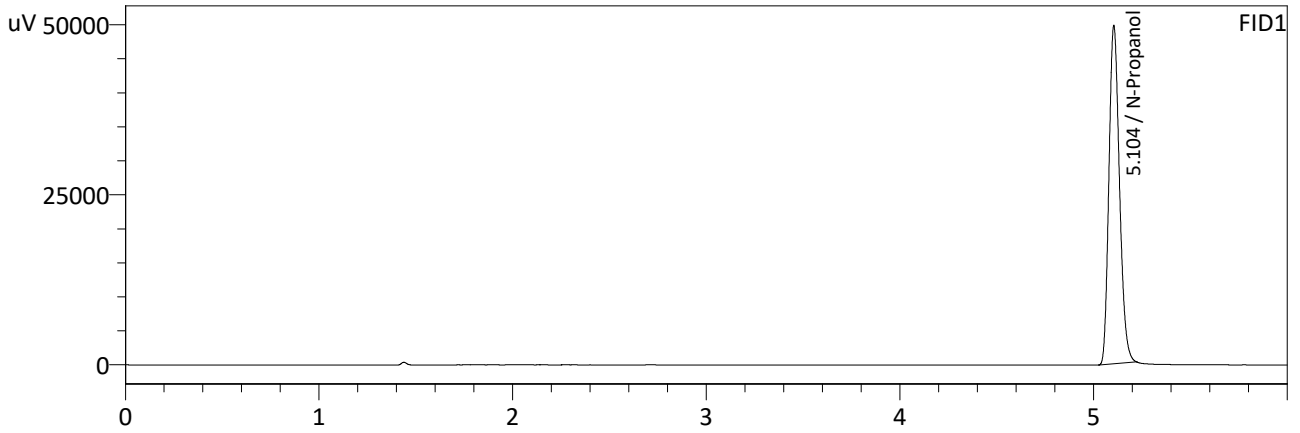
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5021	208156	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	182161	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5022	220046	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	187354	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : INT STD BLK
 Laboratory : Meridian
 Injection Date : 4/15/2025 12:26:17 PM
 Vial # : 16
 Method Filename : Default Project - ALCOHOL_250415NB.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	188129	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	193979	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
11	0.050	1:Standard:(I)	1	ALCOHOL 250415NB.gcm
12	0.100	1:Standard	2	ALCOHOL 250415NB.gcm
13	0.200	1:Standard	3	ALCOHOL 250415NB.gcm
14	0.300	1:Standard	4	ALCOHOL 250415NB.gcm
15	0.500	1:Standard	5	ALCOHOL 250415NB.gcm
16	INT STD BLK	0:Unknown	0	ALCOHOL 250415NB.gcm

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 4/15/2025 1:44:52 PM(-06:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0810	0.0811	0.0001	0.0810	0.0008	0.0814
(g/100cc)	0.0817	0.0819	0.0002	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250415NB.gcm

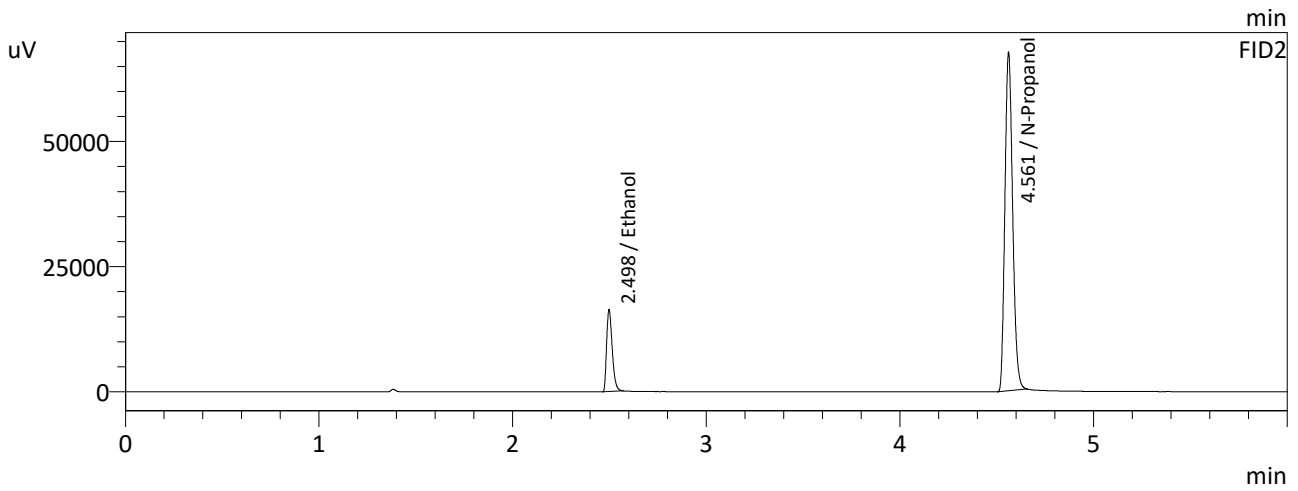
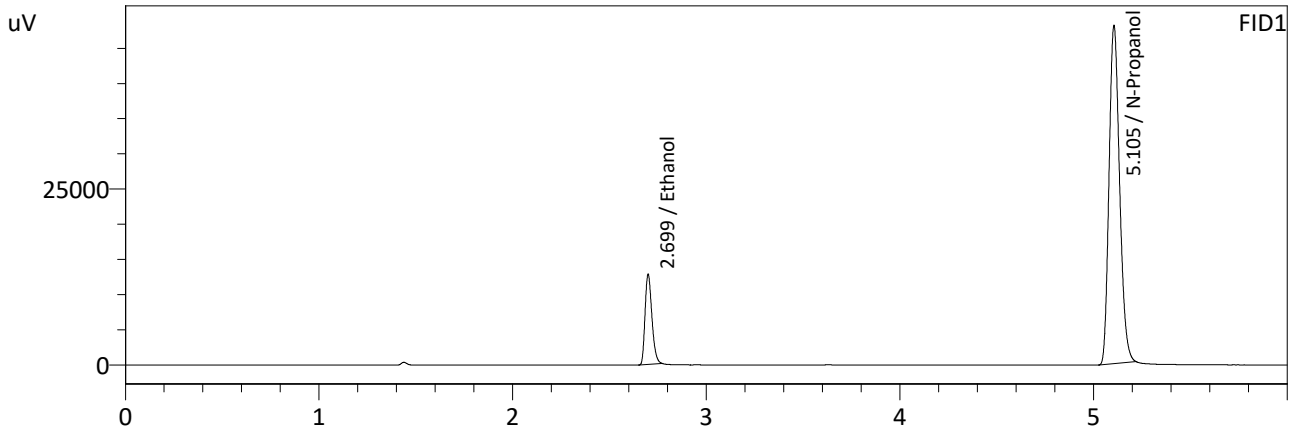
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Reported Results	
0.081	

Calibration and control data are stored centrally.

NB

Sample Name : 0.08 QA
 Laboratory : Meridian
 Injection Date : 4/15/2025 1:44:52 PM
 Vial # : 21
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

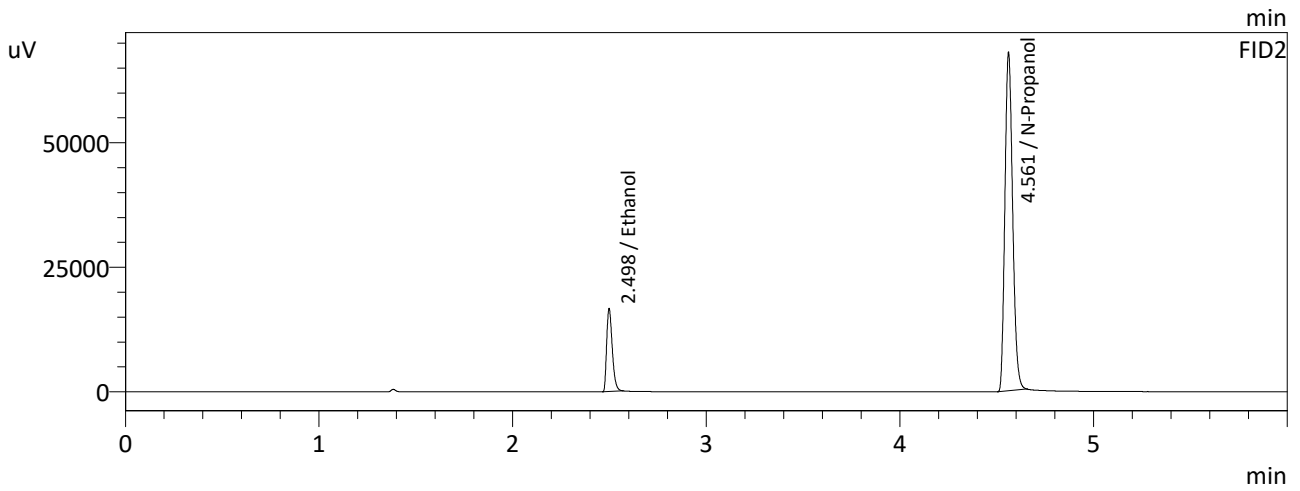
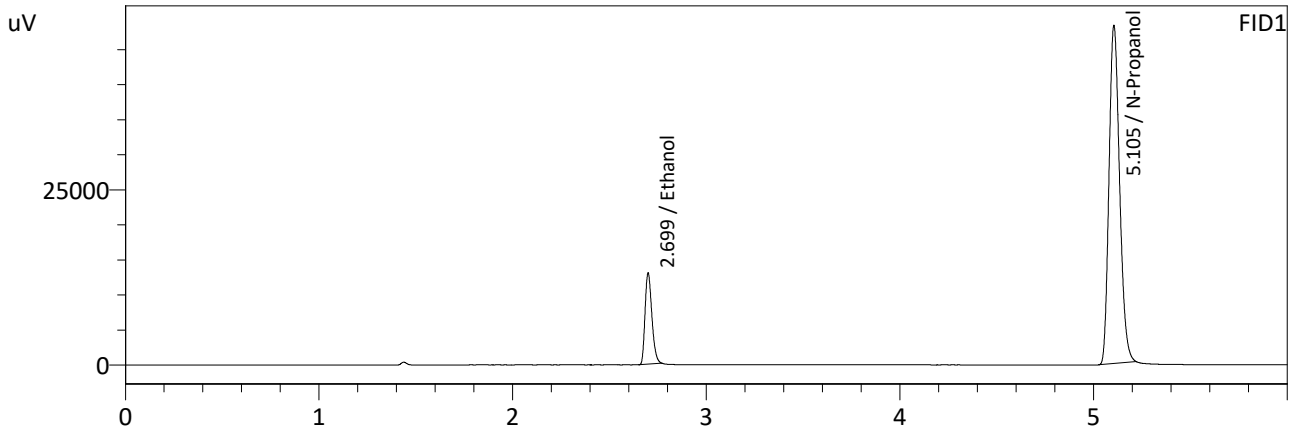
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	31318	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181811	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	32685	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	187660	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : 0.08 QA-B
 Laboratory : Meridian
 Injection Date : 4/15/2025 1:57:31 PM
 Vial # : 22
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	31880	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183220	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	33219	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	188738	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1

Analysis Date(s): 4/15/2025 1:20:17 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0803	0.0802	0.0001	0.0802	0.0008	0.0806
(g/100cc)	0.0809	0.0811	0.0002	0.0810		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250415NB.gcm

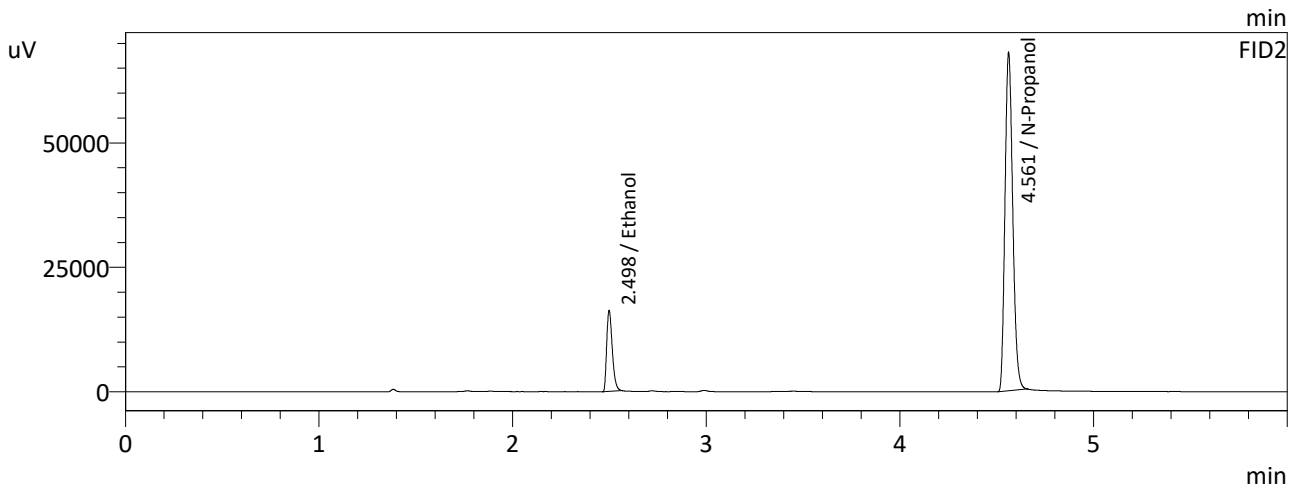
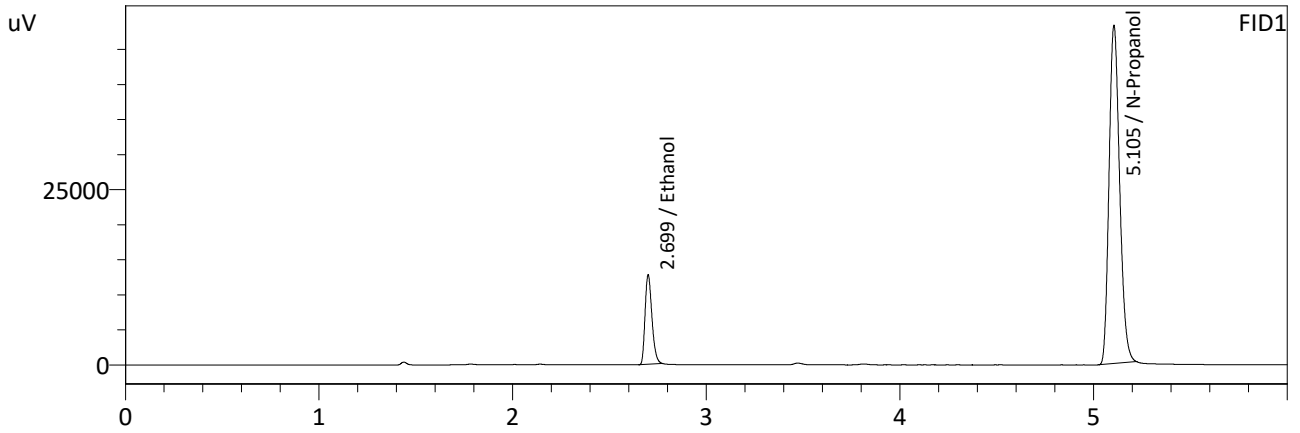
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

	Reported Results
	0.080

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-1
 Laboratory : Meridian
 Injection Date : 4/15/2025 1:20:17 PM
 Vial # : 19
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

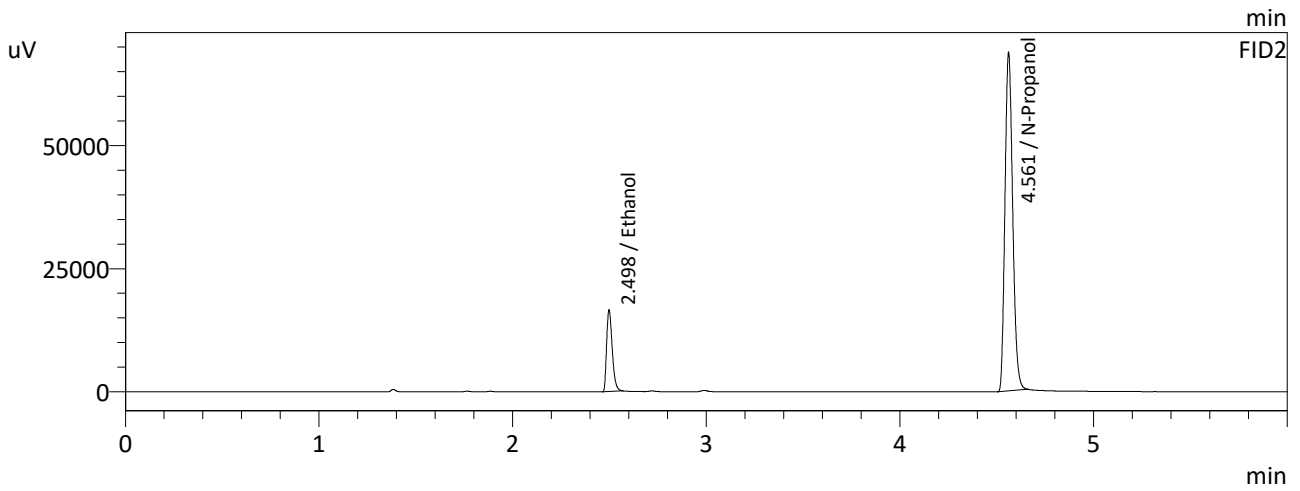
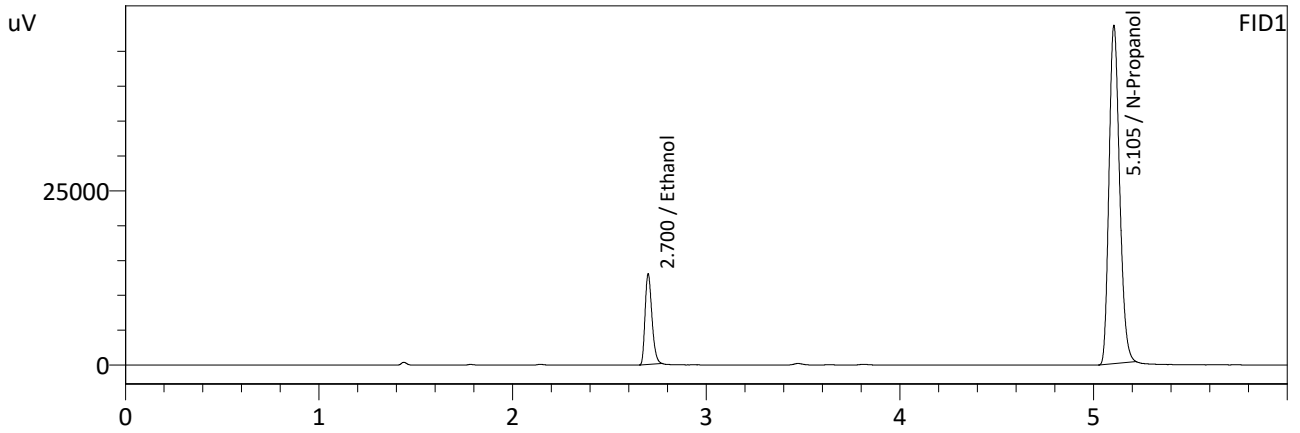
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0803	31269	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	183052	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	32477	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	188740	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-1-B
 Laboratory : Meridian
 Injection Date : 4/15/2025 1:32:39 PM
 Vial # : 20
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	31720	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	184176	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0811	33134	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	190293	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2

Analysis Date(s): 4/15/2025 10:23:01 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0837	0.0839	0.0002	0.0838	0.0003	0.0836
(g/100cc)	0.0834	0.0837	0.0003	0.0835		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250415NB.gcm

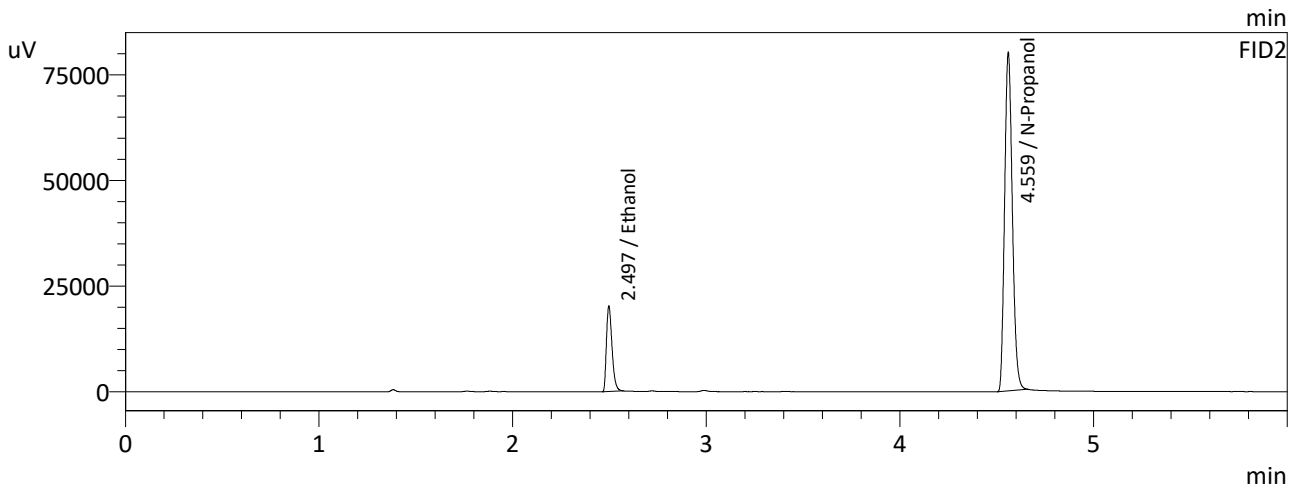
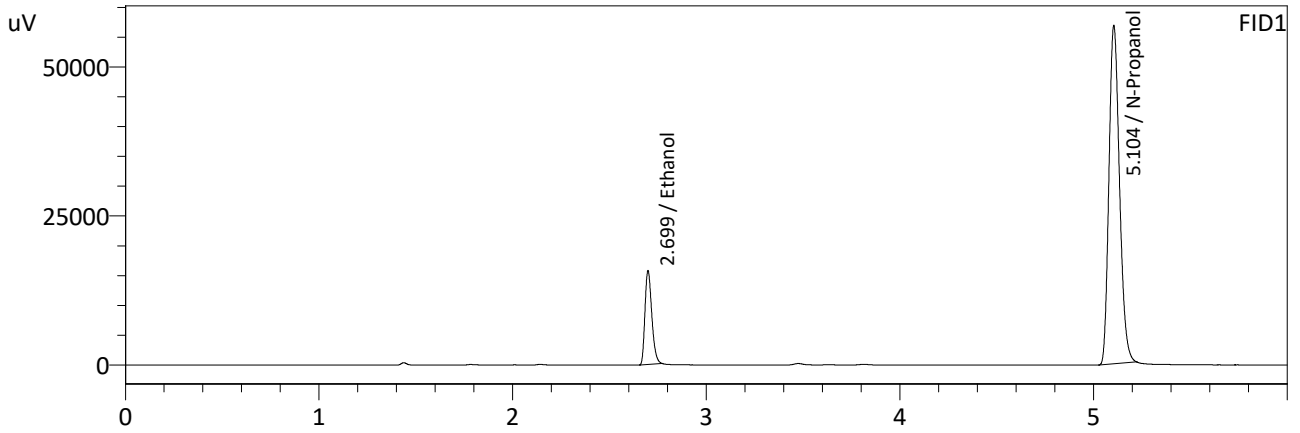
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

Reported Results	
0.083	

Calibration and control data are stored centrally.

NB

Sample Name : QC-1-2
 Laboratory : Meridian
 Injection Date : 4/15/2025 10:23:01 PM
 Vial # : 63
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

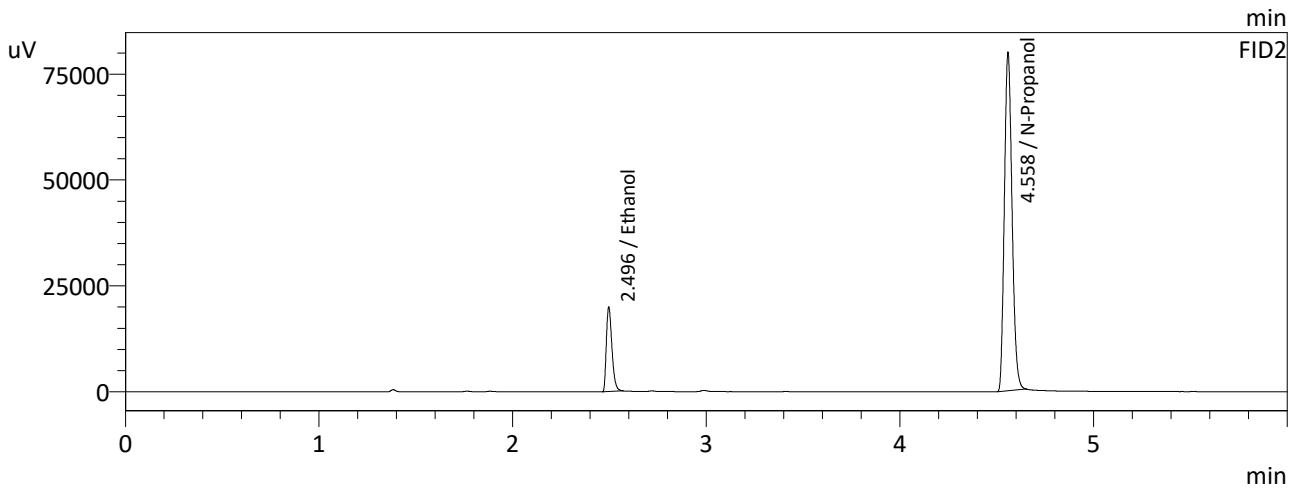
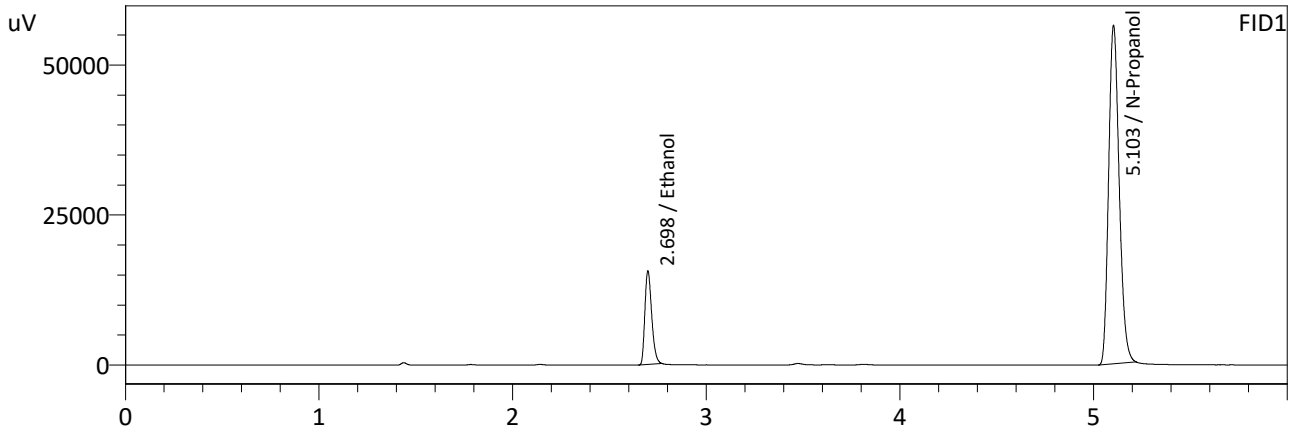
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0837	38357	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	214819	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	40161	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	222273	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-1-2-B
 Laboratory : Meridian
 Injection Date : 4/15/2025 10:35:31 PM
 Vial # : 64
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0834	37989	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213611	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0837	39711	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220373	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1

Analysis Date(s): 4/15/2025 5:51:43 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1996	0.1992	0.0004	0.1994	0.0003	0.1995
(g/100cc)	0.2000	0.1995	0.0005	0.1997		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250415NB.gcm

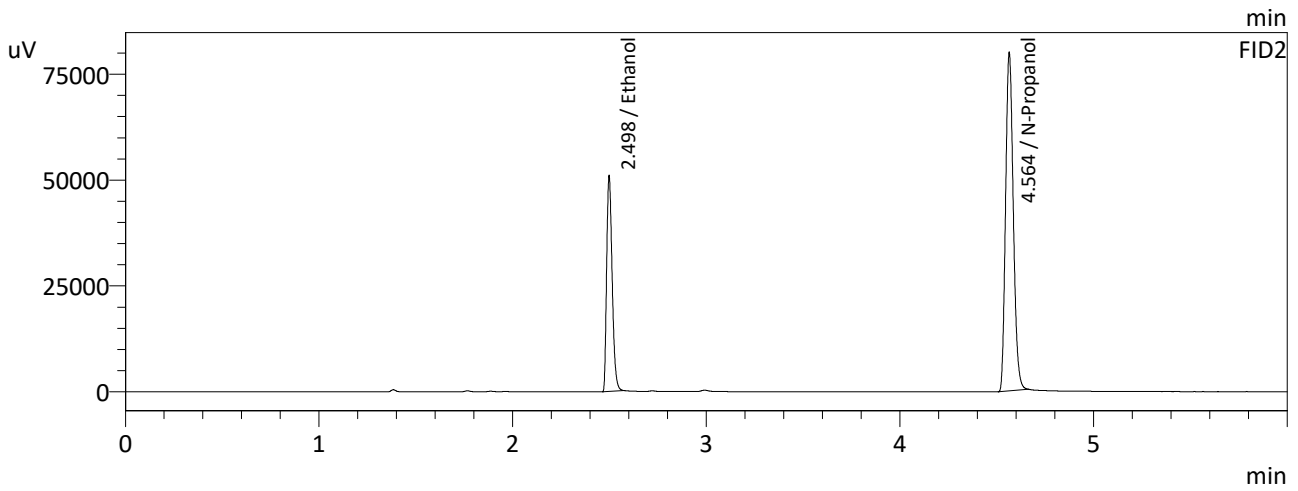
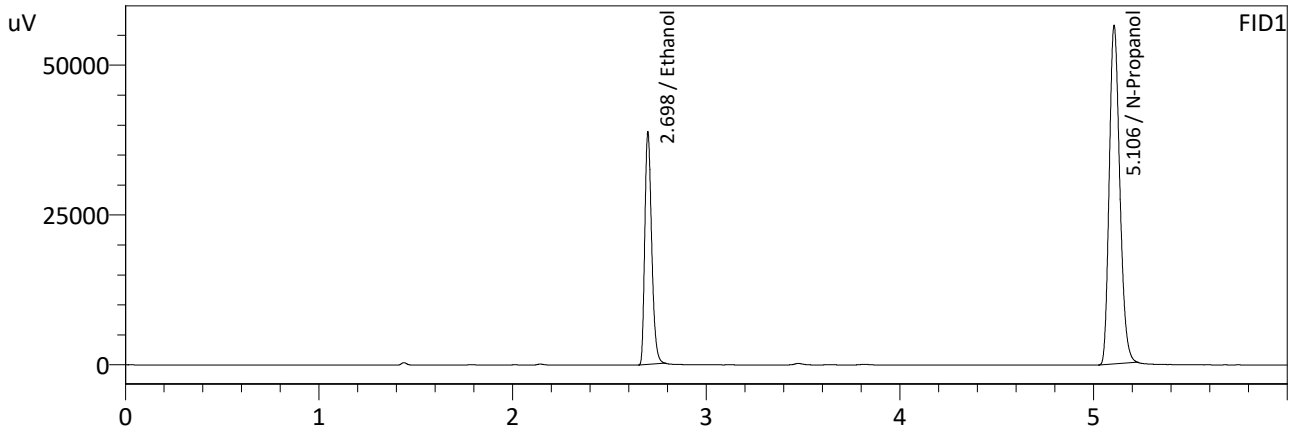
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.199	0.189	0.209	0.010

Reported Results	
0.199	

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-1
 Laboratory : Meridian
 Injection Date : 4/15/2025 5:51:43 PM
 Vial # : 41
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

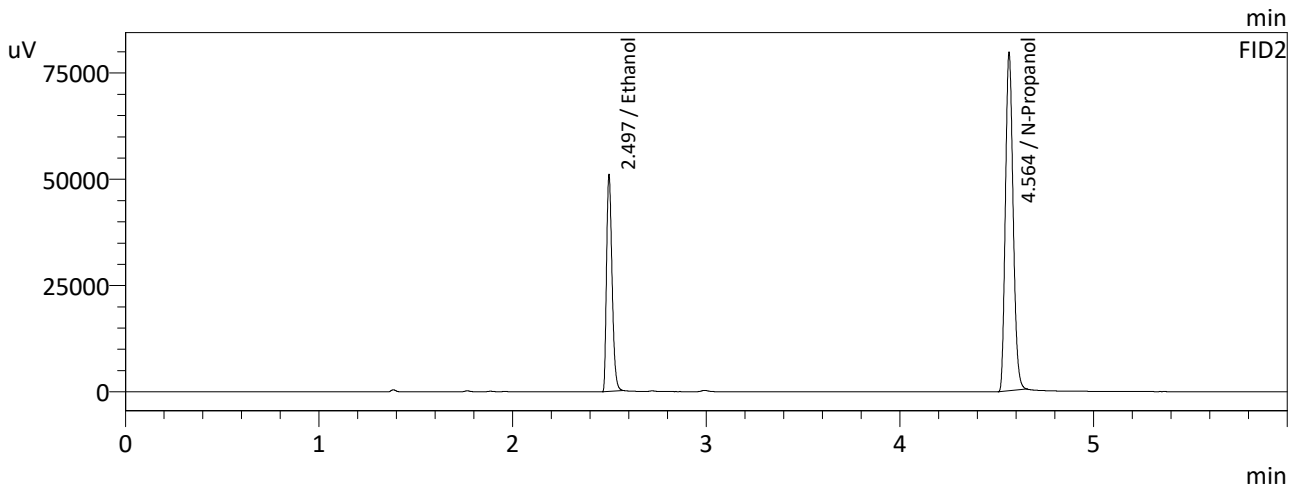
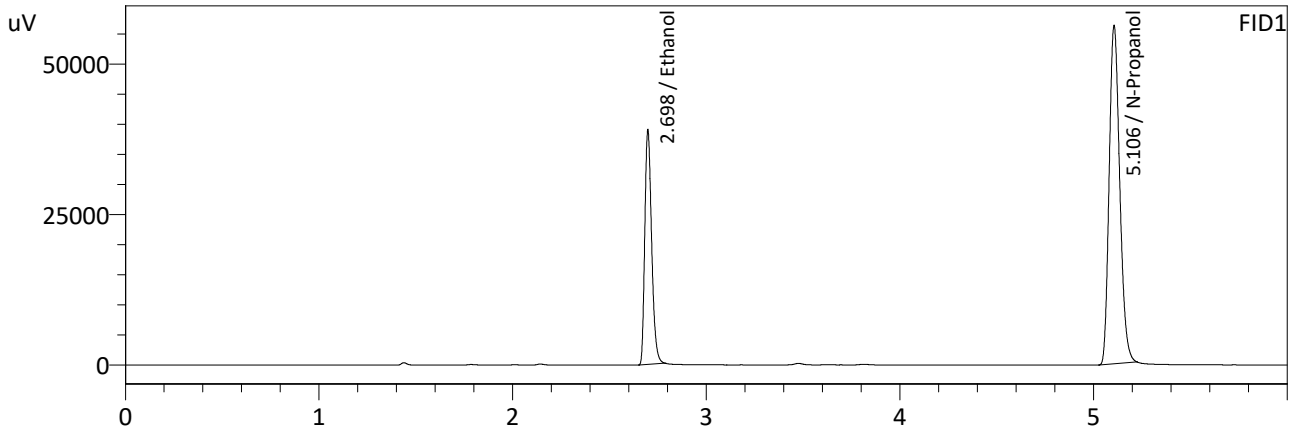
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1996	95132	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213435	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1992	100387	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220745	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-1-B
 Laboratory : Meridian
 Injection Date : 4/15/2025 6:04:04 PM
 Vial # : 42
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2000	95326	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	213410	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1995	100312	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	220322	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2

Analysis Date(s): 4/15/2025 11:12:04 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2017	0.2011	0.0006	0.2014	0.0021	0.2003
(g/100cc)	0.1993	0.1993	0.0000	0.1993		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_250415NB.gcm

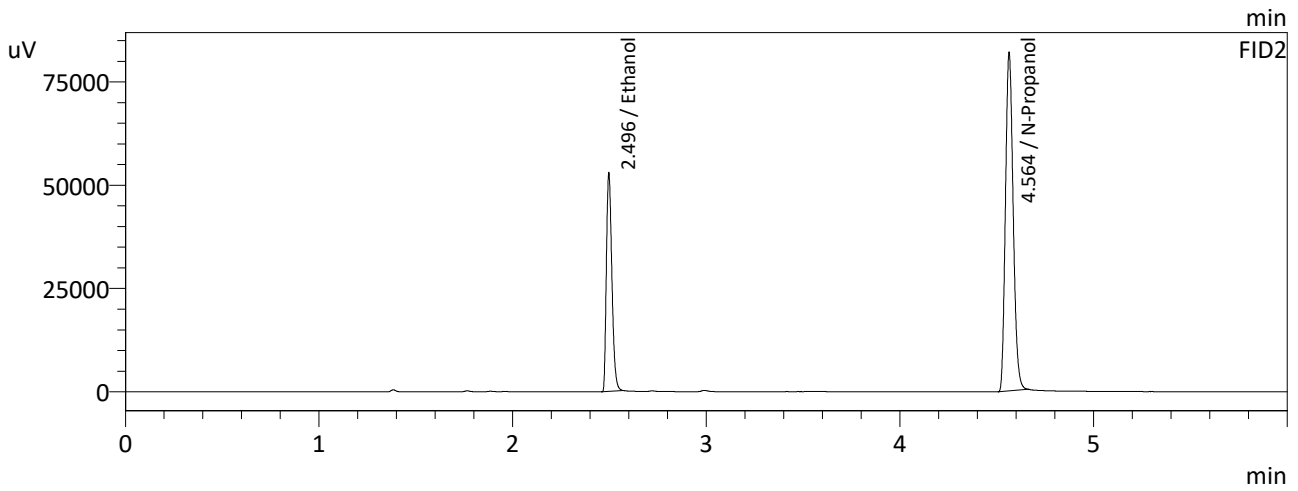
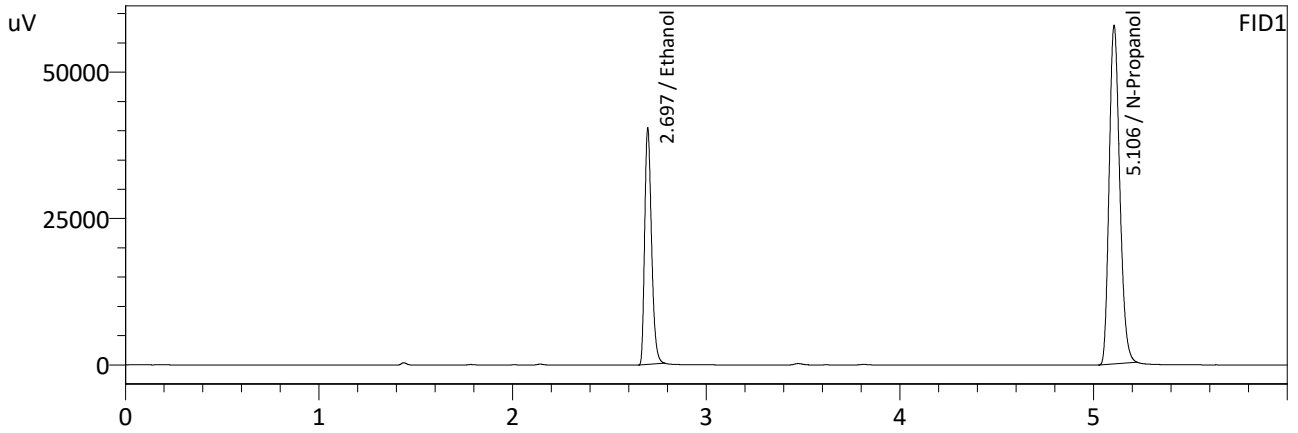
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.200	0.190	0.210	0.010

	Reported Results
	0.200

Calibration and control data are stored centrally.

NB

Sample Name : QC-2-2
 Laboratory : Meridian
 Injection Date : 4/15/2025 11:12:04 PM
 Vial # : 67
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

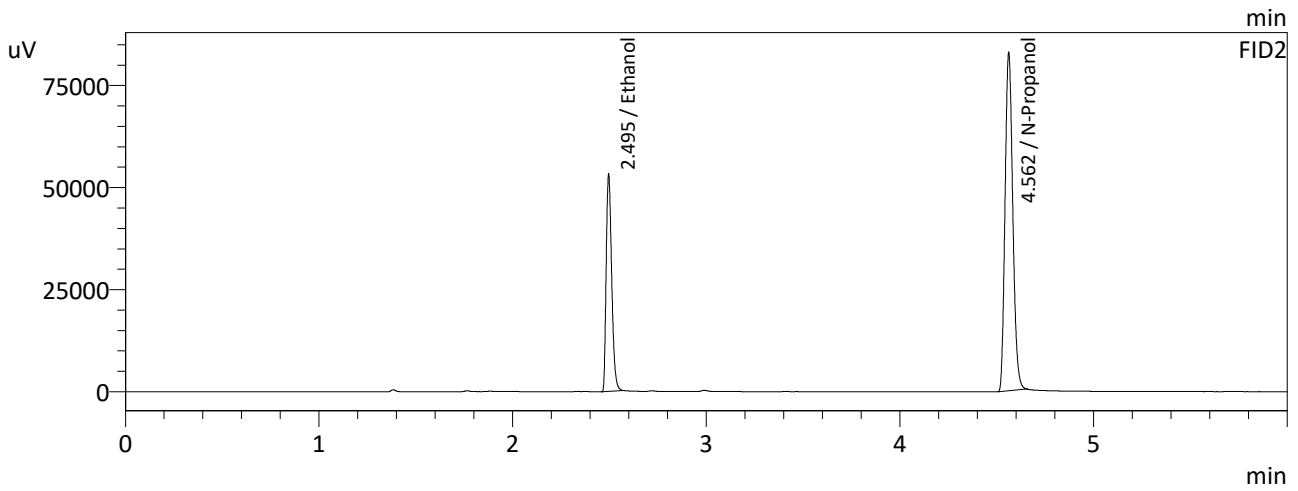
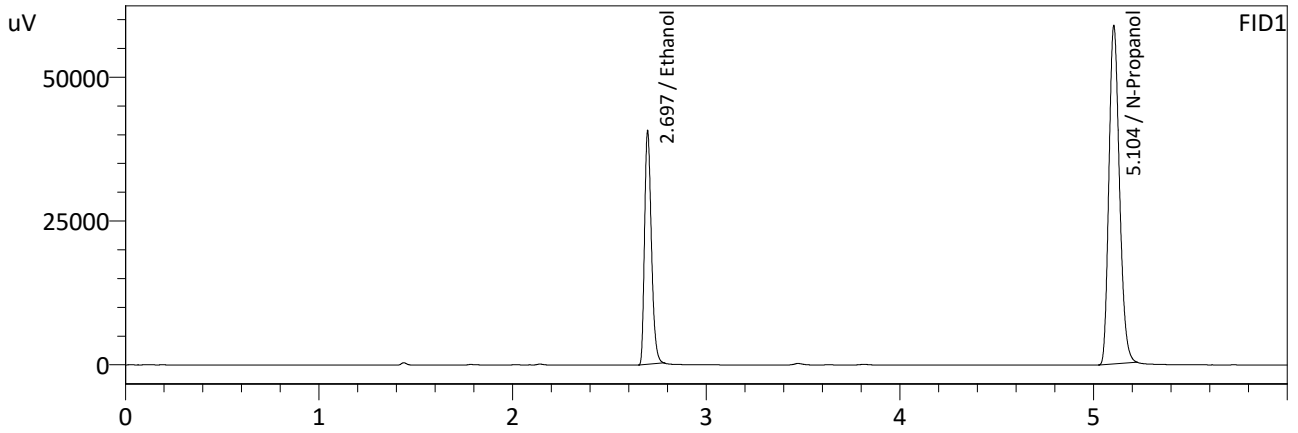
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2017	98883	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219460	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2011	104093	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	226744	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : QC-2-2-B
 Laboratory : Meridian
 Injection Date : 4/15/2025 11:24:34 PM
 Vial # : 68
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

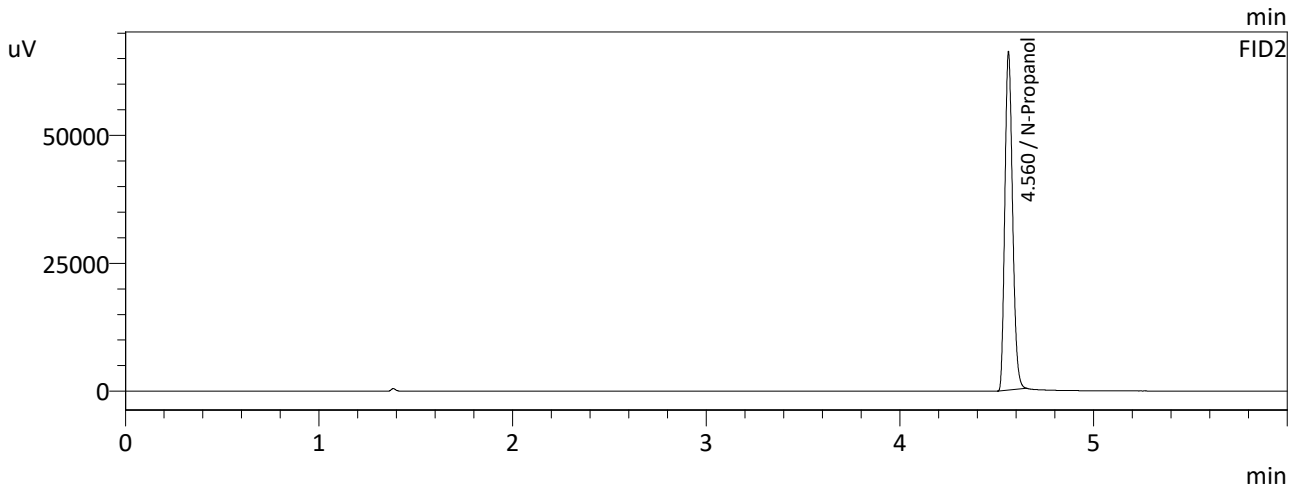
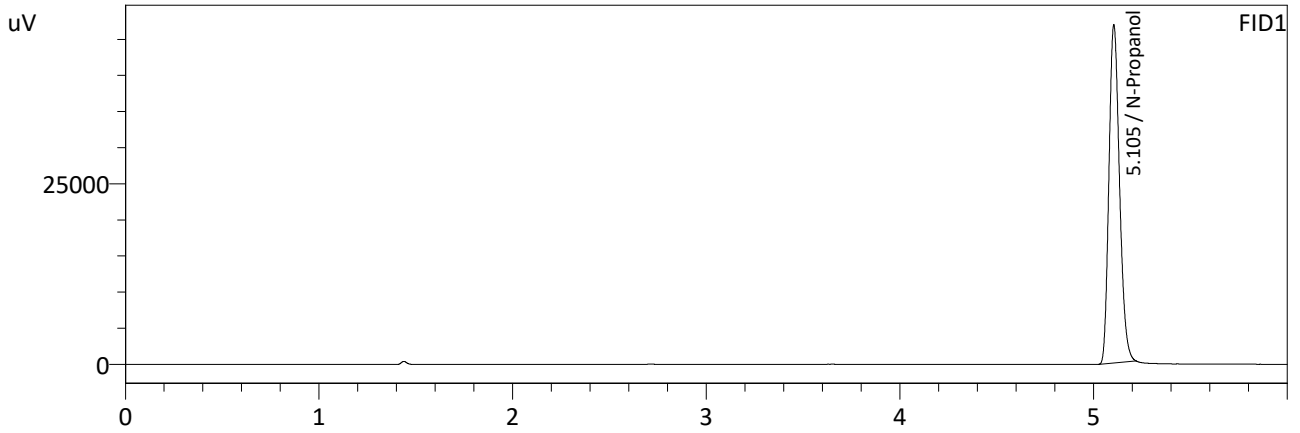
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1993	99104	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	222716	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1993	104504	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	229687	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 1
 Laboratory : Meridian
 Injection Date : 4/15/2025 12:55:21 PM
 Vial # : 17
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

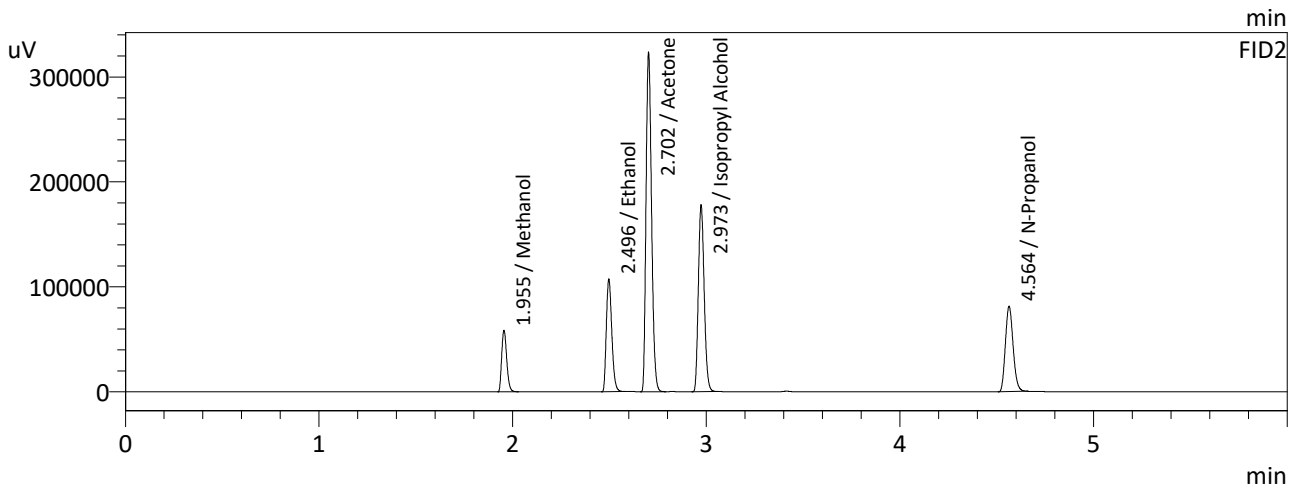
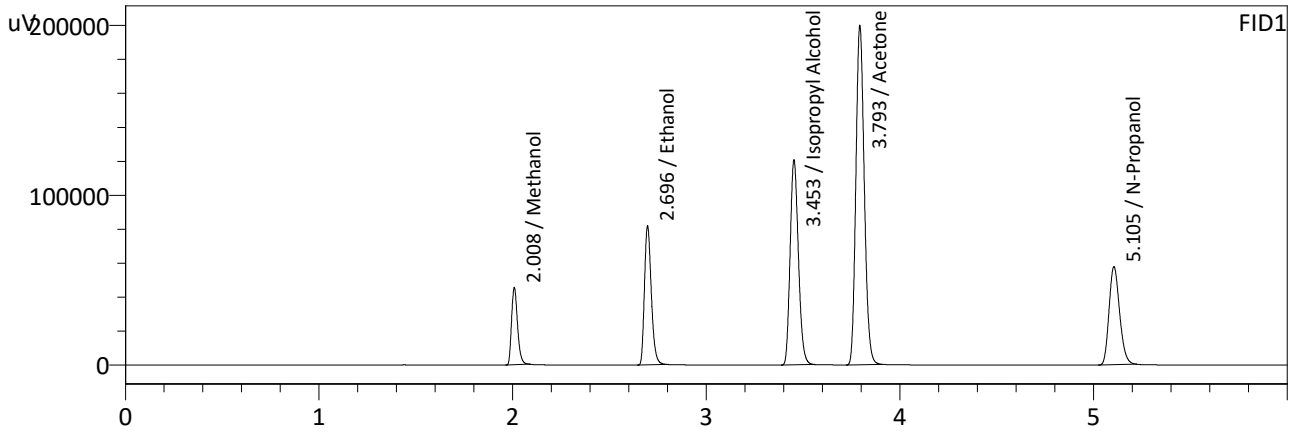
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	177707	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	183060	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : MIXED VOLATILES FN 05302307
 Laboratory : Meridian
 Injection Date : 4/15/2025 1:08:07 PM
 Vial # : 18
 Method Filename : Default Project - ALCOHOL_250415NB.gcm
 Instrument #GC/HS : C12255750548 / C12595800409



FID1

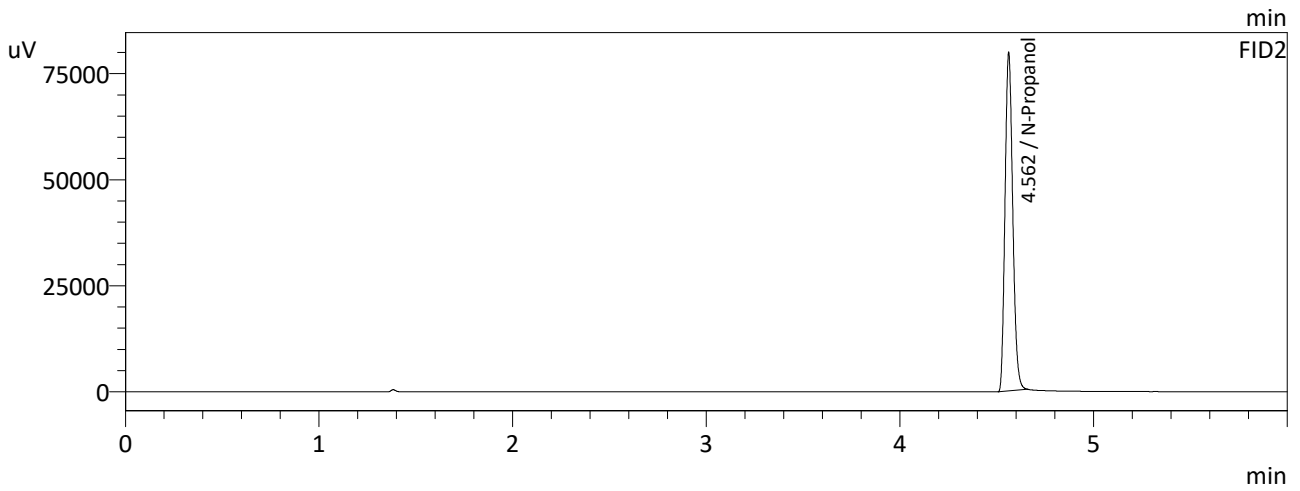
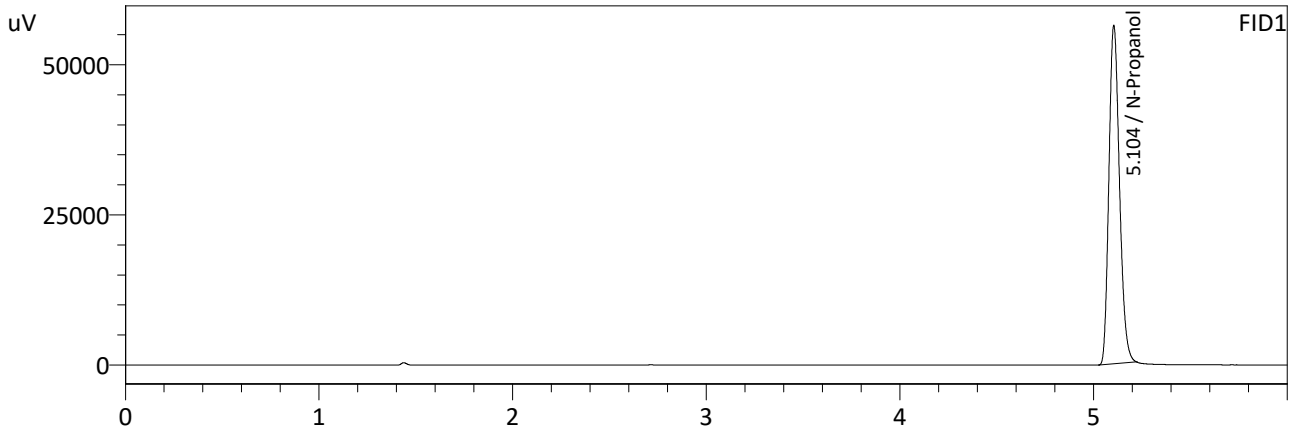
Name	Conc.	Area	Unit
Methanol	0.0000	97235	g/100cc
Ethanol	0.4026	199583	g/100cc
Isopropyl Alcohol	0.0000	357762	g/100cc
Acetone	0.0000	600239	g/100cc
N-Propanol	0.0000	218466	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	0.0000	105495	g/100cc
Ethanol	0.4017	210387	g/100cc
Acetone	0.0000	638567	g/100cc
Isopropyl Alcohol	0.0000	373492	g/100cc
N-Propanol	0.0000	224847	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

NB

Sample Name : ISTD BLK 2
 Laboratory : Meridian
 Injection Date : 4/15/2025 11:37:07 PM
 Vial # : 69
 Method Filename : Default Project - ALCOHOL_250415NB.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	213510	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	220821	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
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Vial#	Sample Name	Sample Type	Level#	Method File
17	ISTD BLK 1	0:Unknown	0	ALCOHOL 250415NB.gcm
18	ED VOLATILES FN 0530	0:Unknown	1	ALCOHOL 250415NB.gcm
19	QC-1-1	0:Unknown	0	ALCOHOL 250415NB.gcm
20	QC-1-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
21	0.08 QA	0:Unknown	0	ALCOHOL 250415NB.gcm
22	0.08 QA-B	0:Unknown	0	ALCOHOL 250415NB.gcm
23	M2025-1308-1	0:Unknown	0	ALCOHOL 250415NB.gcm
24	M2025-1308-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
25	M2025-1357-1	0:Unknown	0	ALCOHOL 250415NB.gcm
26	M2025-1357-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
27	M2025-1369-1	0:Unknown	0	ALCOHOL 250415NB.gcm
28	M2025-1369-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
29	M2025-1461-1	0:Unknown	0	ALCOHOL 250415NB.gcm
30	M2025-1461-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
31	M2025-1479-1	0:Unknown	0	ALCOHOL 250415NB.gcm
32	M2025-1479-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
33	M2025-1486-1	0:Unknown	0	ALCOHOL 250415NB.gcm
34	M2025-1486-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
35	M2025-1491-1	0:Unknown	0	ALCOHOL 250415NB.gcm
36	M2025-1491-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
37	M2025-1493-1	0:Unknown	0	ALCOHOL 250415NB.gcm
38	M2025-1493-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
39	M2025-1494-1	0:Unknown	0	ALCOHOL 250415NB.gcm
40	M2025-1494-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
41	QC-2-1	0:Unknown	0	ALCOHOL 250415NB.gcm
42	QC-2-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
43	M2025-1517-1	0:Unknown	0	ALCOHOL 250415NB.gcm
44	M2025-1517-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
45	M2025-1534-1	0:Unknown	0	ALCOHOL 250415NB.gcm
46	M2025-1534-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
47	M2025-1538-2	0:Unknown	0	ALCOHOL 250415NB.gcm
48	M2025-1538-2-B	0:Unknown	0	ALCOHOL 250415NB.gcm
49	M2025-1539-1	0:Unknown	0	ALCOHOL 250415NB.gcm
50	M2025-1539-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
51	M2025-1540-1	0:Unknown	0	ALCOHOL 250415NB.gcm
52	M2025-1540-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
53	M2025-1542-1	0:Unknown	0	ALCOHOL 250415NB.gcm
54	M2025-1542-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
55	M2025-1552-1	0:Unknown	0	ALCOHOL 250415NB.gcm
56	M2025-1552-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
57	M2025-1553-1	0:Unknown	0	ALCOHOL 250415NB.gcm
58	M2025-1553-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
59	M2025-1560-1	0:Unknown	0	ALCOHOL 250415NB.gcm
60	M2025-1560-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
61	M2025-1569-1	0:Unknown	0	ALCOHOL 250415NB.gcm
62	M2025-1569-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
63	QC-1-2	0:Unknown	0	ALCOHOL 250415NB.gcm
64	QC-1-2-B	0:Unknown	0	ALCOHOL 250415NB.gcm
65	P2025-0644-1	0:Unknown	0	ALCOHOL 250415NB.gcm
66	P2025-0644-1-B	0:Unknown	0	ALCOHOL 250415NB.gcm
67	QC-2-2	0:Unknown	0	ALCOHOL 250415NB.gcm
68	QC-2-2-B	0:Unknown	0	ALCOHOL 250415NB.gcm
69	ISTD BLK 2	0:Unknown	0	ALCOHOL 250415NB.gcm

NB