


















Worklist: 6764

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2024-0916	1	BCK	Alcohol Analysis	
P2024-0926	1	BCK	Alcohol Analysis	
P2024-0931	1	BCK	Alcohol Analysis	
P2024-0937	1	BCK	Alcohol Analysis	
P2024-0958	1	BCK	Alcohol Analysis	
P2024-0977	1	BCK	Alcohol Analysis	
P2024-0978	1	BCK	Alcohol Analysis	
P2024-0979	1	BCK	Alcohol Analysis	
P2024-0980	1	BCK	Alcohol Analysis	
P2024-1005	1	BCK	Alcohol Analysis	
P2024-1022	1	BCK	Alcohol Analysis	
P2024-1023	1	BCK	Alcohol Analysis	
P2024-1029	1	BCK	Alcohol Analysis	
P2024-1062	1	BLOOD	Alcohol Analysis	
P2024-1072	1	BLOOD	Alcohol Analysis	
P2024-1073	1	BLOOD	Alcohol Analysis	
P2024-1082	1	BCK	Alcohol Analysis	

AC

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600GB9897

Volatiles Quality Assurance Controls Run Date(s): 4/12/24

Calibration Date: (if different):

Worklist #: 6764

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0817 g/100cc
					0.0882 g/100cc
					0.2046 g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	g/100cc
Multi-Component mixture:		Exp:	2024 October	Lot #	FN06041902 OK
Curve Fit:		Column 1	Column 1	Column 2	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	0.0509	0.0518	0.0009	0.0513
100	0.100	0.090 - 0.110	0.1004	0.1003	0.0001	0.1003
200	0.200	0.180 - 0.220	0.1989	0.1982	0.0007	0.1985
300	0.300	0.270 - 0.330	0.2985	0.2978	0.0007	0.2981
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5011	0.5017	0.0006	0.5014

Aqueous Controls

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

REVIEWED

By Galina Giso at 3:34 pm, Apr 15, 2024

Internal Standard Monitoring Worksheet

Worksheet #: 6764 **Run Date(s):** 4/12/24

Internal Standard Solution: **Prep Date:** 3/22/2024 **Exp Date:** 9/22/2024

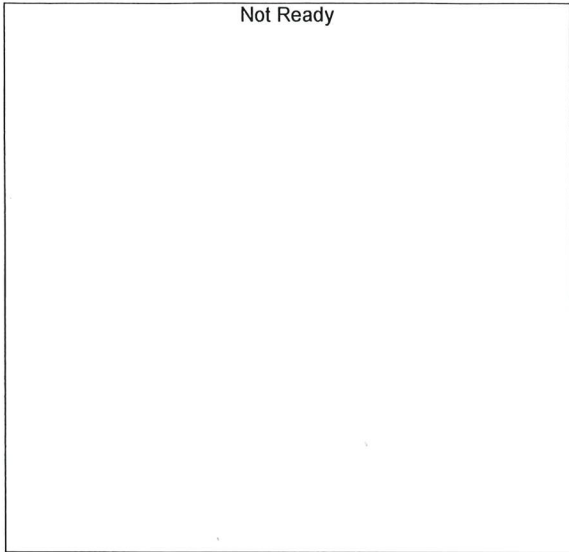
Sample Name	Column 1 Value	Column 2 Value
0.080	164334	163551
0.080	164864	163923
QC1	167622	166829
QC1	166683	165651
QC1	172999	176163
QC1	172414	175378
QC1		
QC1		
QC2	166642	165337
QC2	164629	163341
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	167523.4	134018.7	201028.1
Column 2	167521.6	134017.3	201026.0

Calibration Table

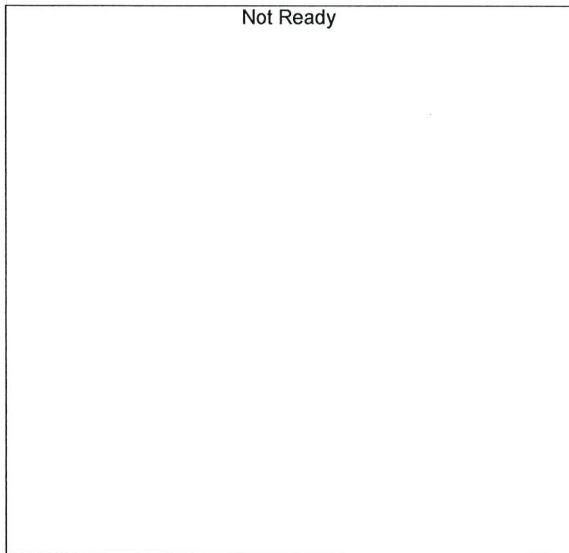
Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

```
<<Data File>>
Method File      :Default Project - ALCOHOL_041224_RC.gcm
Batch File       :Default Project - BATCH_041224_RC.gcb
Date Acquired    :4/12/2024 11:50:54 AM
Date Created     :4/12/2024 11:47:26 AM
Date Modified    :4/12/2024 11:56:55 AM
```



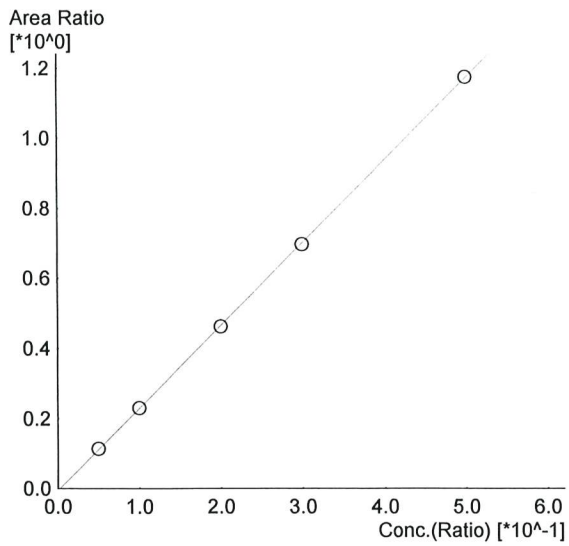
Name : METHANOL
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.35362*x-0.00641536$
 R² value= 0.9999560
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18722	0.0509	0.050_4122024_001.gcd
2	0.100	37924	0.1004	0.100_4122024_002.gcd
3	0.200	76921	0.1989	0.200_4122024_003.gcd
4	0.300	116531	0.2985	0.300_4122024_004.gcd
5	0.500	197255	0.5011	0.500_4122024_005.gcd



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

#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

#	Conc.	Area	Std. Conc.	Data File Name
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Handwritten signature/initials

Not Ready

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

#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

Not Ready

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

#	Conc.	Area	Std. Conc.	Data File Name
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Not Ready

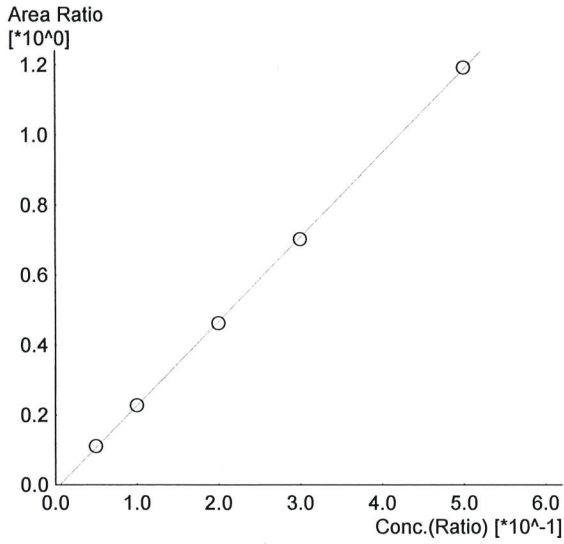
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=2.40410*x-0.0137809$
 R² value= 0.9998890
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18361	0.0518	0.050_4122024_001.gcd
2	0.100	37492	0.1003	0.100_4122024_002.gcd
3	0.200	76939	0.1982	0.200_4122024_003.gcd
4	0.300	117234	0.2978	0.300_4122024_004.gcd
5	0.500	199890	0.5017	0.500_4122024_005.gcd



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

#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

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.	Data File Name
---	-------	------	------------	----------------

Not Ready

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

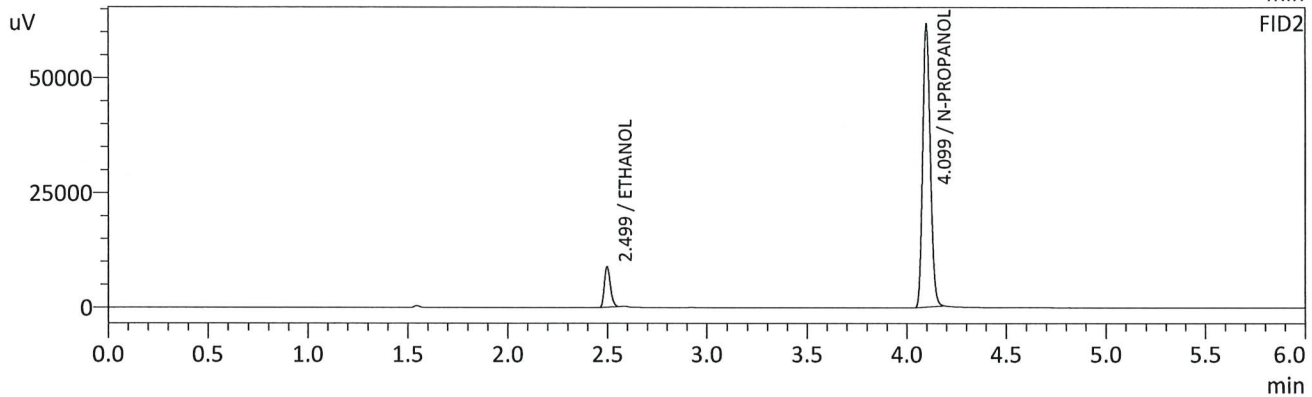
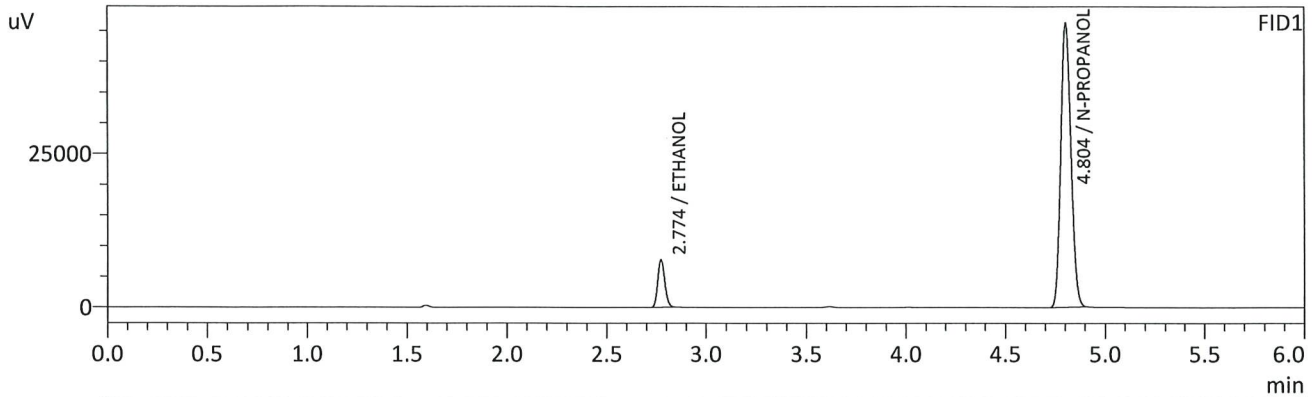
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

Not Ready

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

#	Conc.	Area	Std. Conc.	Data File Name
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Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_4122024_001.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:12:47 AM
 Date Processed : 4/15/2024 9:47:23 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

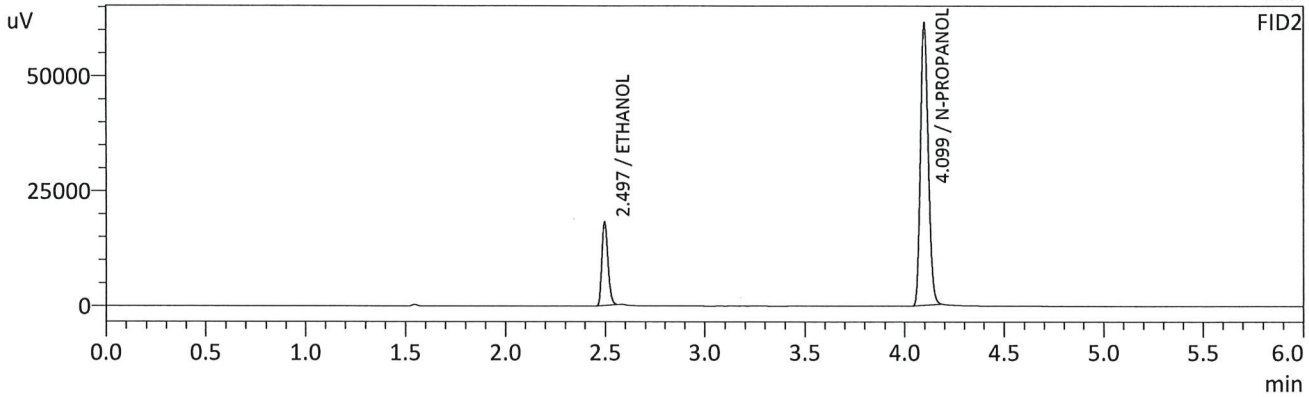
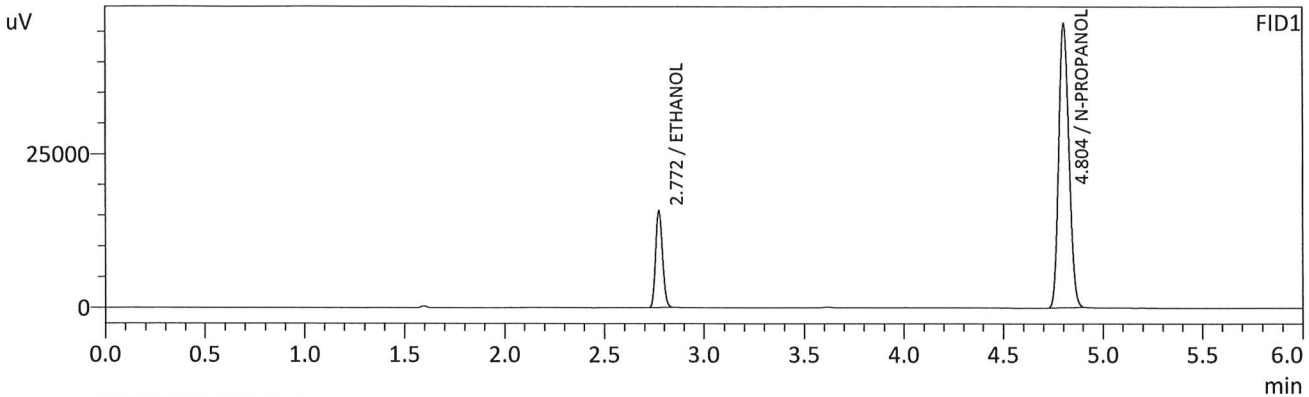
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0509	g/100cc	18722	7687
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164974	46266
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0518	g/100cc	18361	8769
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165745	61546
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_4122024_002.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:22:16 AM
 Date Processed : 4/15/2024 9:47:28 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

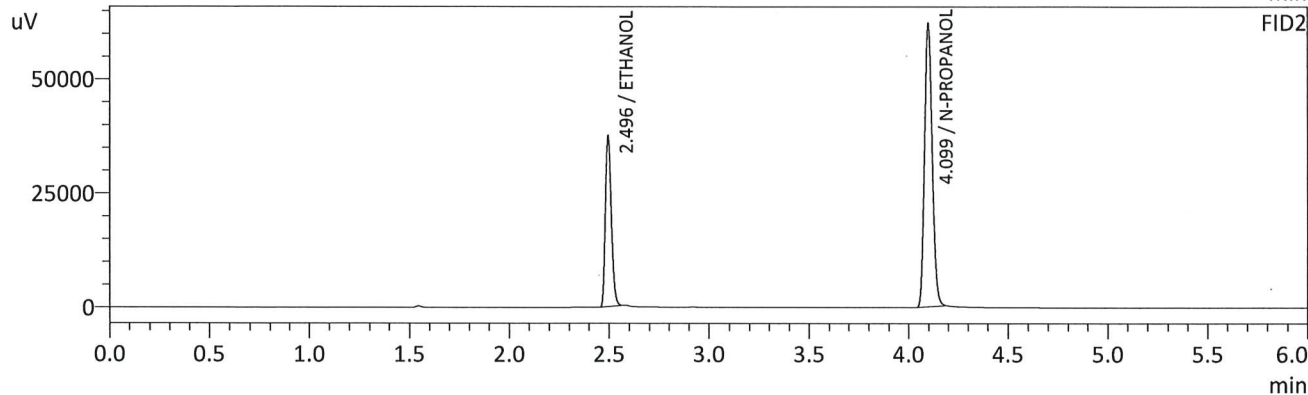
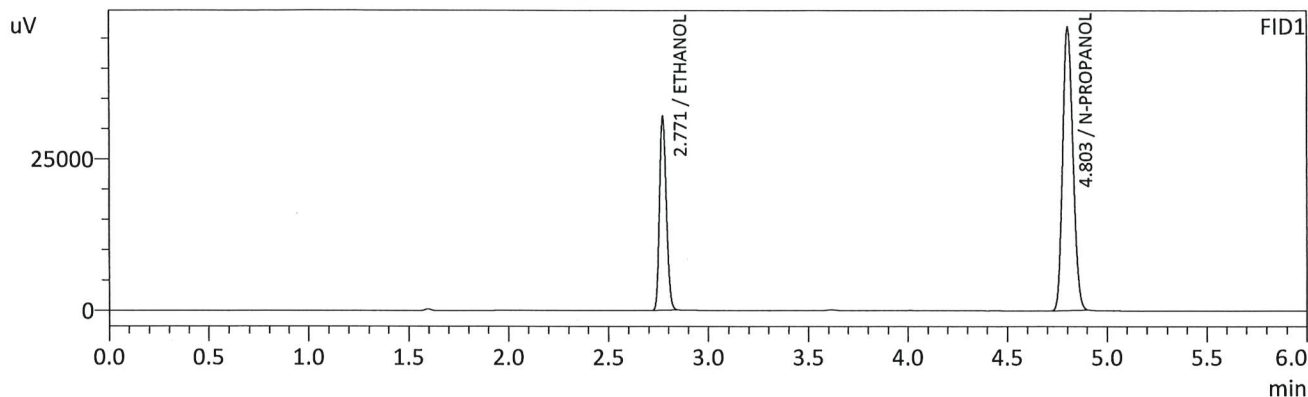
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1004	g/100cc	37924	15551
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164863	46242
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	37492	17940
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164779	61360
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_4122024_003.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:31:37 AM
 Date Processed : 4/15/2024 9:47:32 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



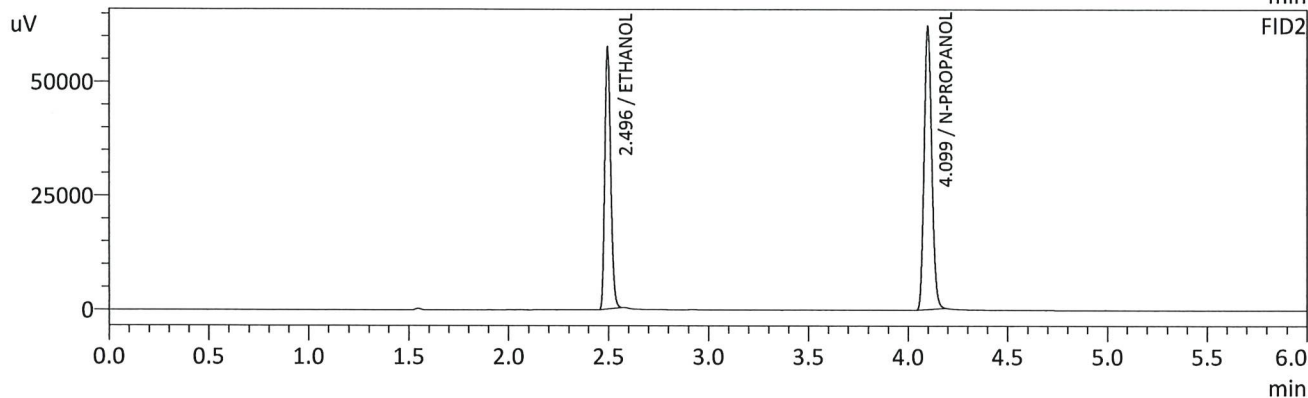
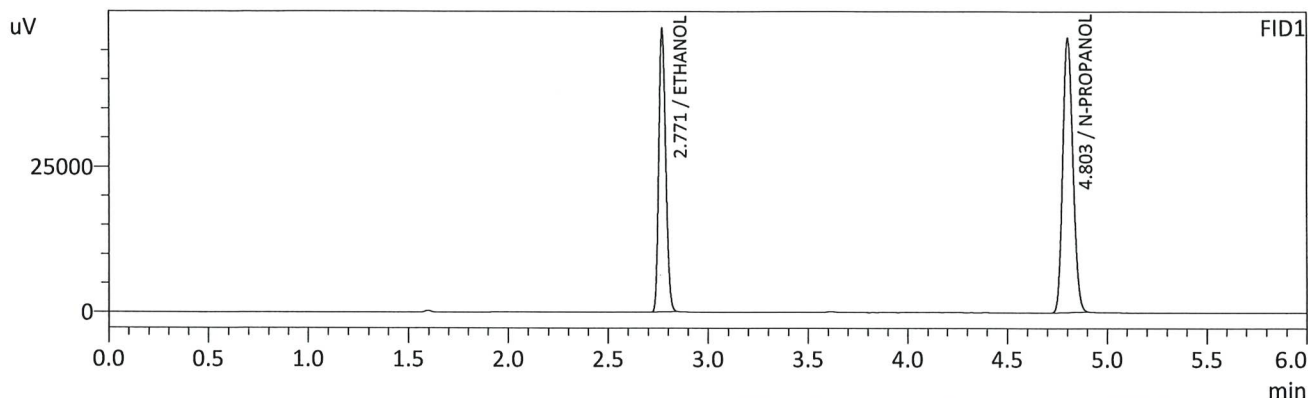
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1989	g/100cc	76921	31883
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166547	46736
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1982	g/100cc	76939	37144
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166274	61946
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_4122024_004.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:41:22 AM
 Date Processed : 4/15/2024 9:47:35 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

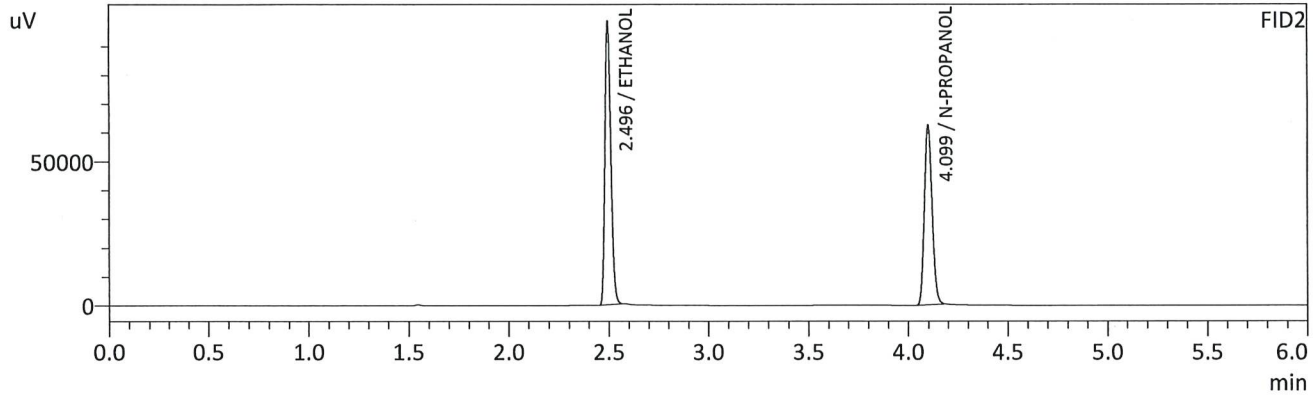
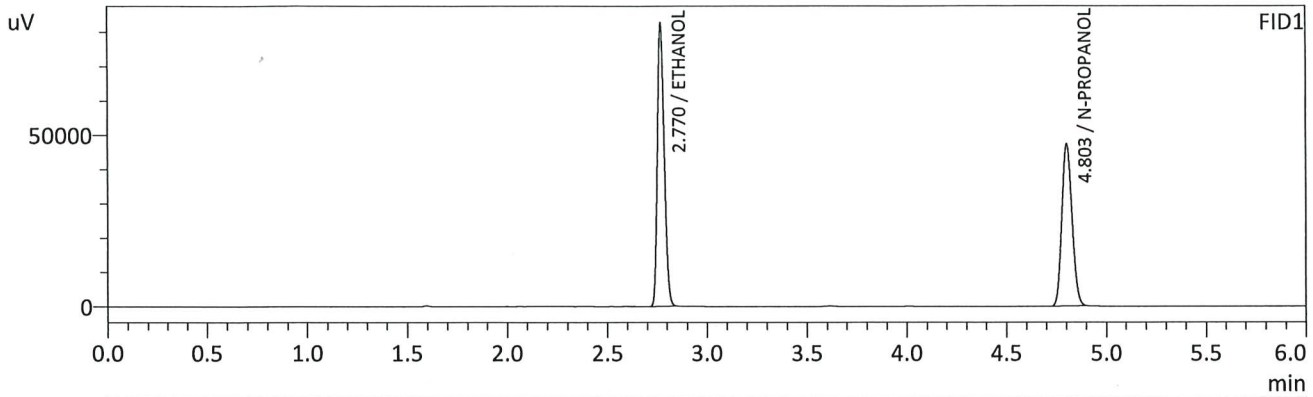
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2985	g/100cc	116531	48613
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167385	46977
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2978	g/100cc	117234	57140
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166922	61880
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_4122024_005.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 11:50:54 AM
 Date Processed : 4/12/2024 11:56:55 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

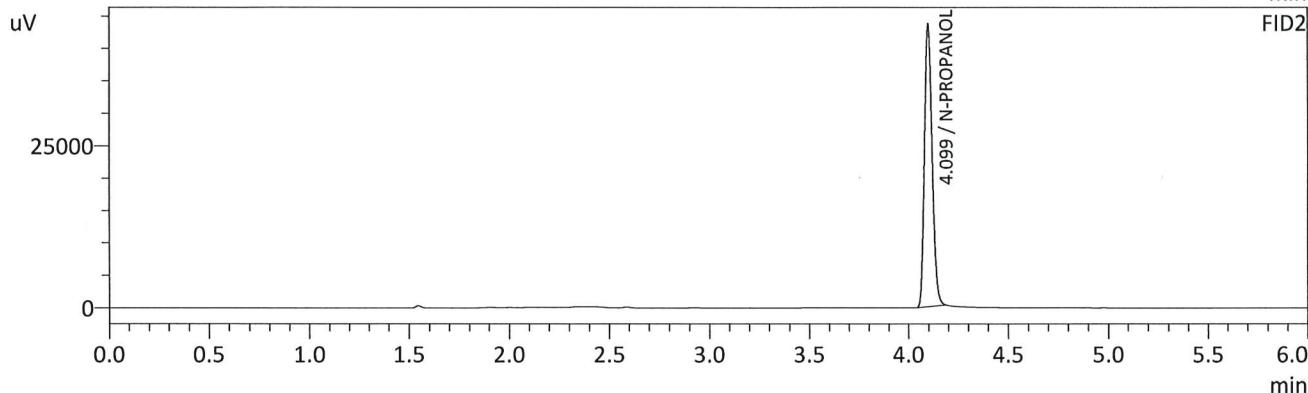
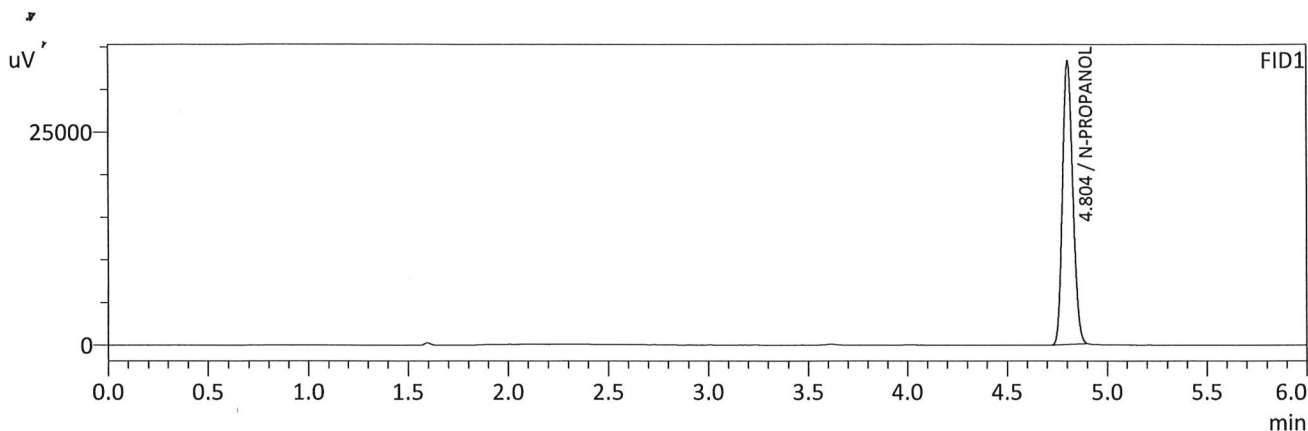
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5011	g/100cc	197255	82541
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168159	47280
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5017	g/100cc	199890	98067
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167629	62107
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

gpc

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_4122024_006.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:00:11 PM
 Date Processed : 4/12/2024 12:06:13 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

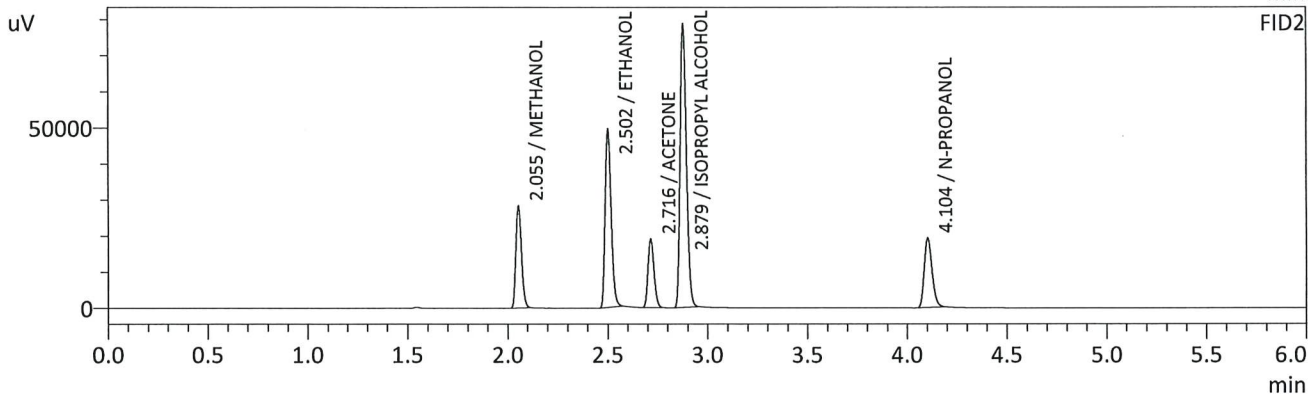
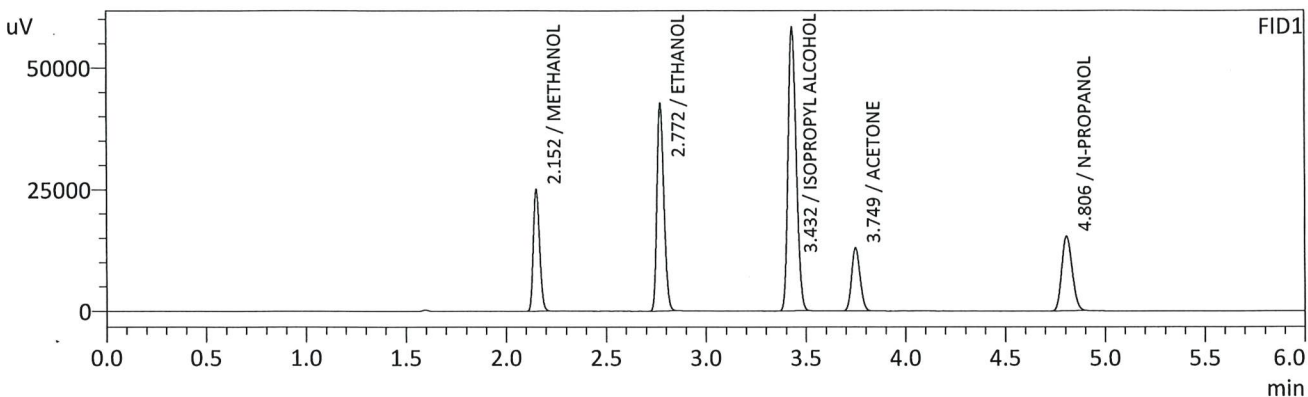
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	118236	33271
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	117066	43469
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_4122024_007.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:09:56 PM
 Date Processed : 4/12/2024 12:15:57 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

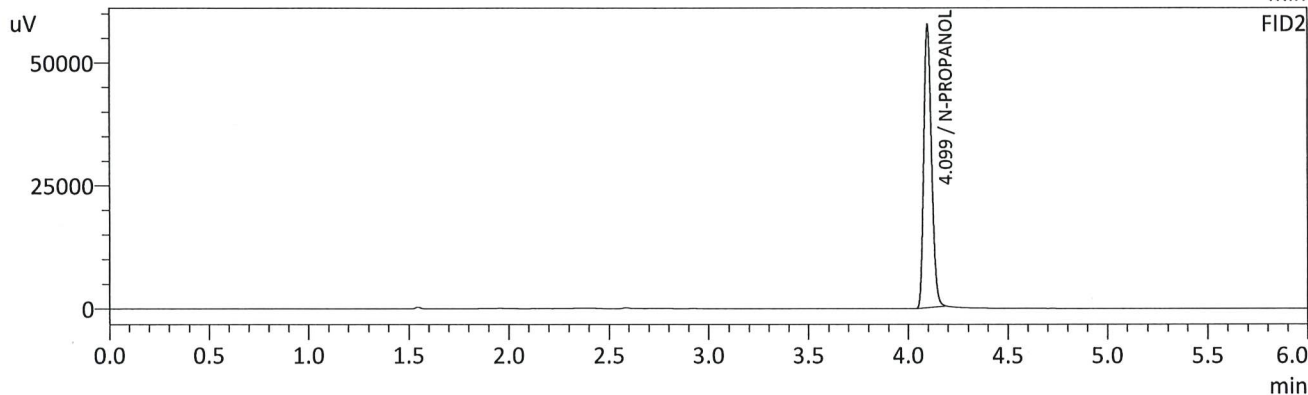
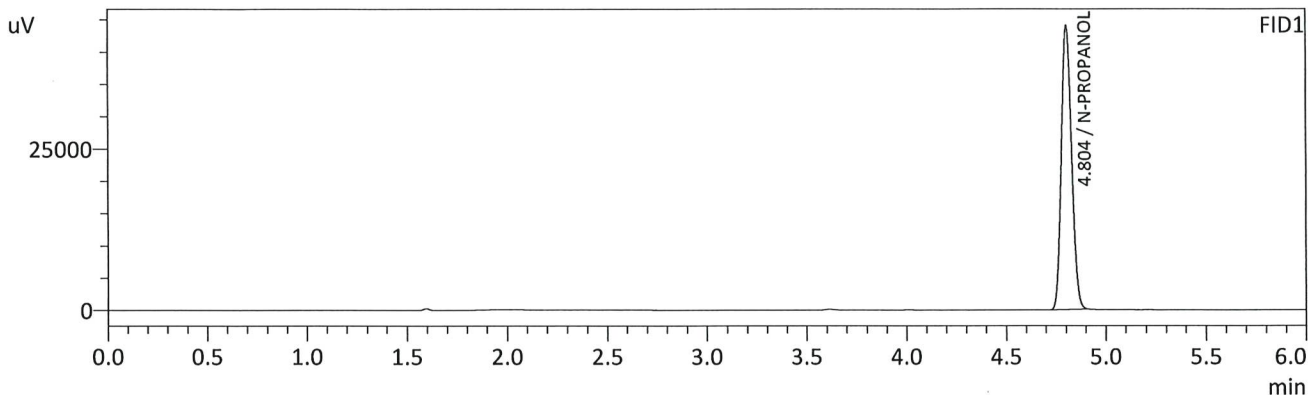
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	54436	24791
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.8065	g/100cc	102980	42153
ISOPROPYL ALCOHOL	0.0000	g/100cc	166388	58166
ACETONE	0.0000	g/100cc	37900	12885
N-PROPANOL	0.0000	g/100cc	54433	15233
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACEALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	56291	28068
ETHANOL	0.8183	g/100cc	102376	48632
ACETONE	0.0000	g/100cc	39572	18851
ISOPROPYL ALCOHOL	0.0000	g/100cc	170123	77980
N-PROPANOL	0.0000	g/100cc	52403	19245
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JRC

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_4122024_008.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:19:26 PM
 Date Processed : 4/12/2024 12:25:28 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156199	43920
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	154857	57416
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

rc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 4/12/2024 12:28:44 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	0.0816	0.0001	0.0816	0.0001	0.0817
(g/100cc)	0.0818	0.0817	0.0001	0.0817		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

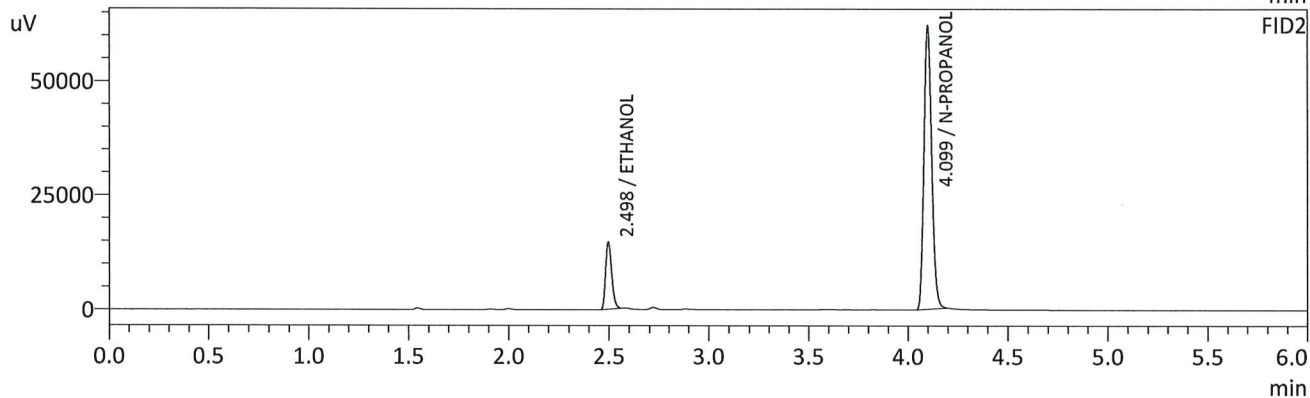
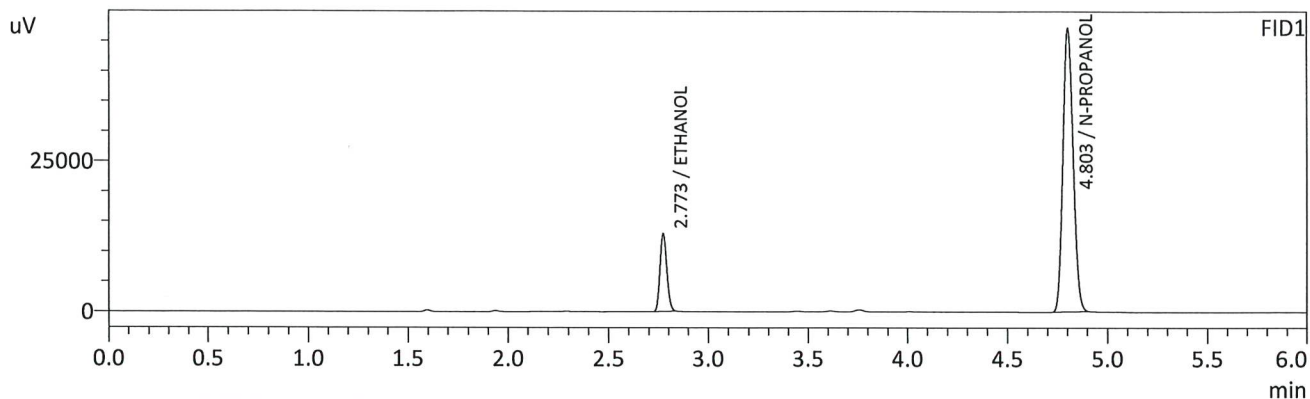
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

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 : QC1-1
 Vial # : 9
 Data Filename : QC1-1_4122024_009.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:28:44 PM
 Date Processed : 4/12/2024 12:34:46 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

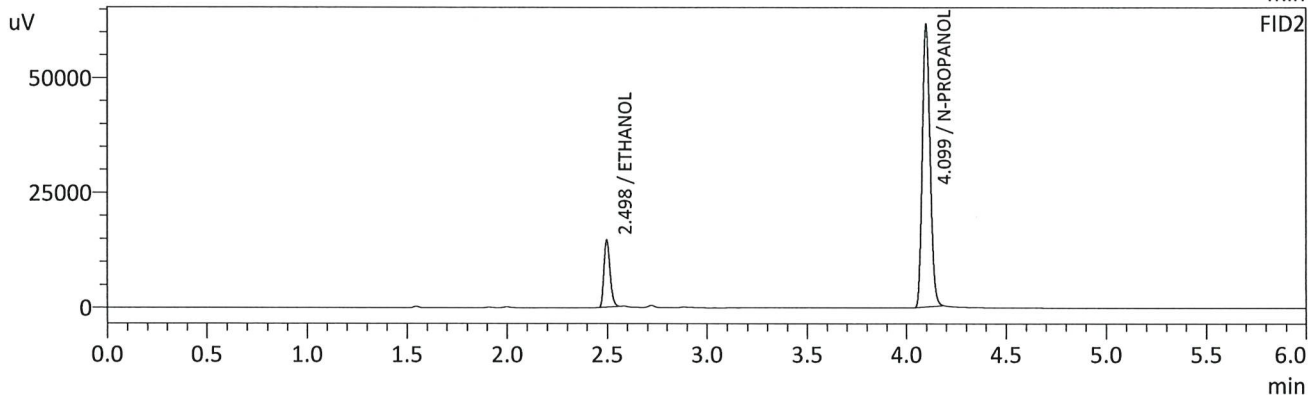
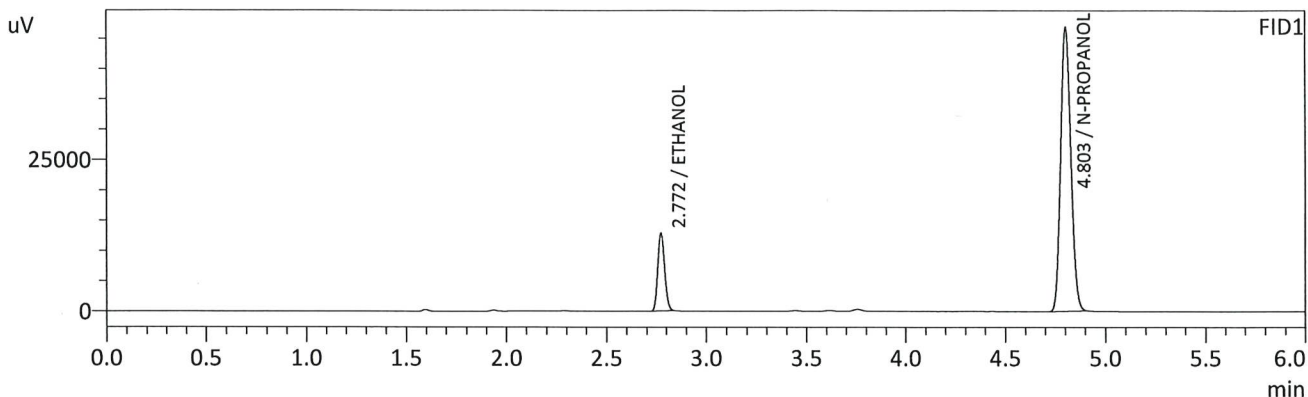
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0817	g/100cc	31188	12811
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167622	47081
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0816	g/100cc	30440	14575
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166829	61884
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : QC1-1-B
 Vial # : 10
 Data Filename : QC1-1-B_4122024_010.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:38:28 PM
 Date Processed : 4/12/2024 12:44:30 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	31034	12719
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166683	46787
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0817	g/100cc	30268	14465
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165651	61434
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 4/12/2024 12:48:01 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0808	0.0806	0.0002	0.0807	0.0002	0.0808
(g/100cc)	0.0811	0.0808	0.0003	0.0809		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_041224_RC.gcm

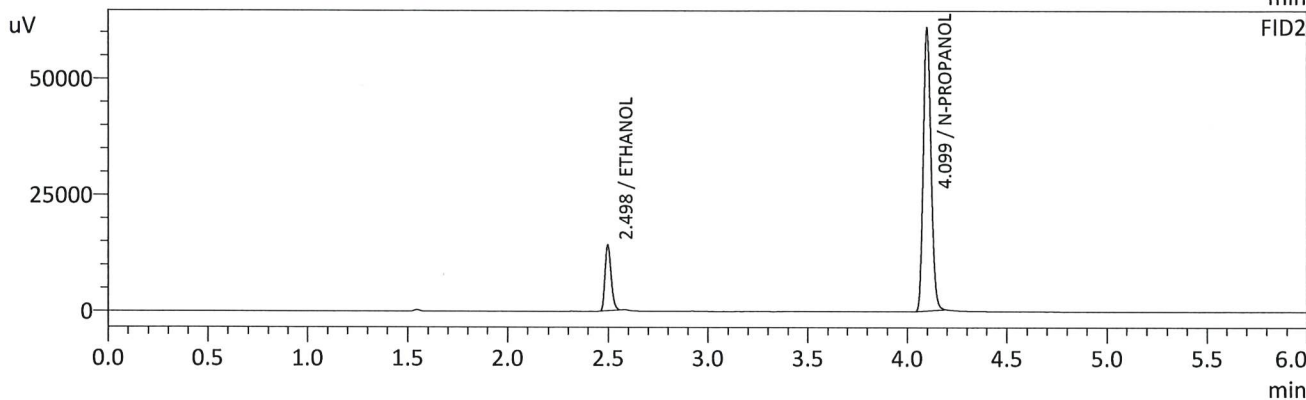
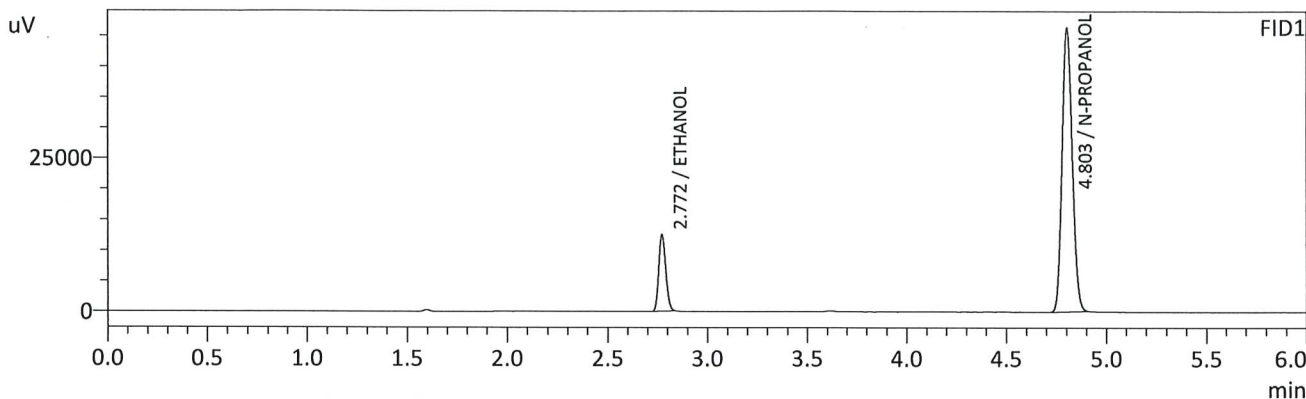
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

	Reported Results
	0.080

Calibration and control data are stored centrally.

AC

Sample Name : 0.08 QA
 Vial # : 11
 Data Filename : 0.08 QA_4122024_011.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:48:01 PM
 Date Processed : 4/12/2024 12:54:03 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

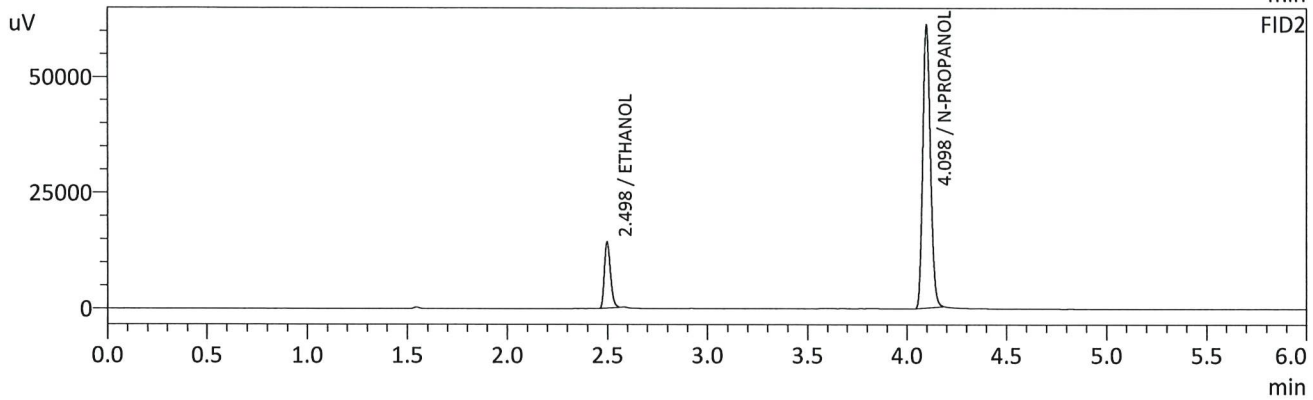
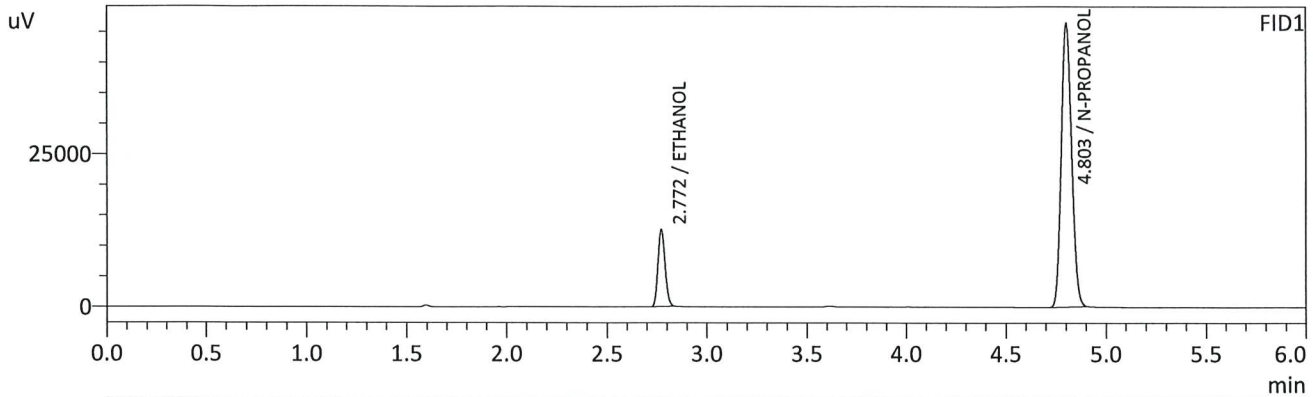
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0808	g/100cc	30200	12389
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164334	46265
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0806	g/100cc	29448	14078
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163551	60760
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_4122024_012.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 12:57:18 PM
 Date Processed : 4/12/2024 1:03:20 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	30439	12500
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164864	46294
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0808	g/100cc	29617	14164
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163923	60843
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 4/12/2024 3:58:23 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2065	0.2035	0.0030	0.2050	0.0007	0.2046
(g/100cc)	0.2058	0.2028	0.0030	0.2043		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

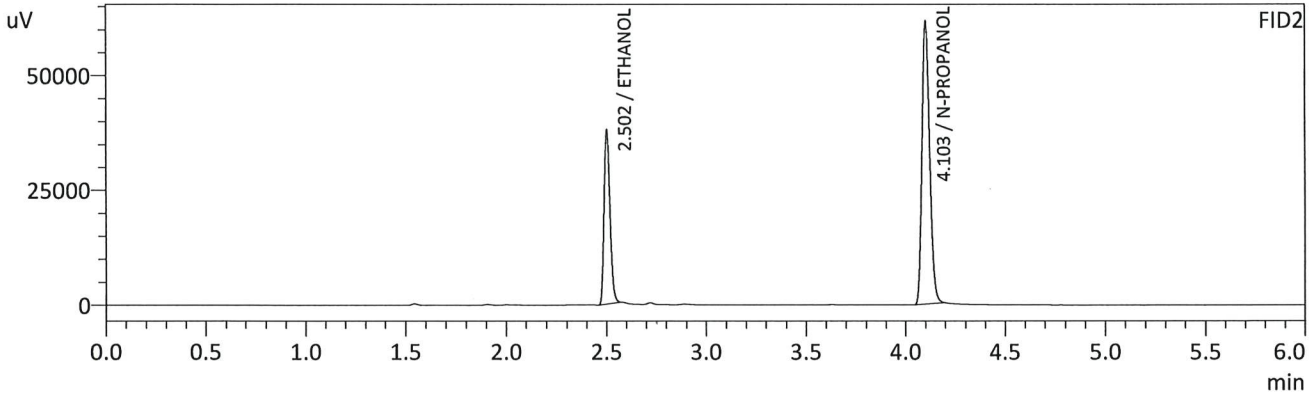
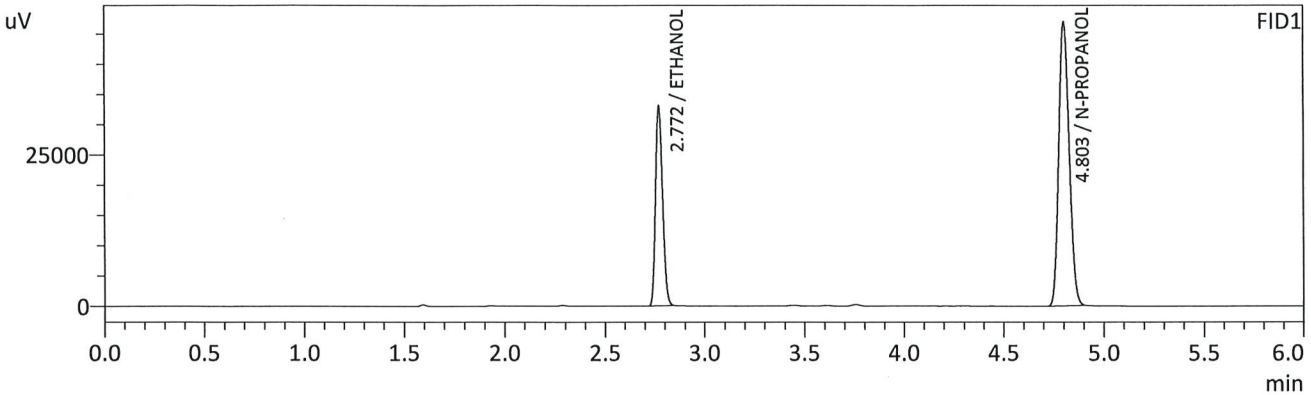
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

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

Reported Results	
0.204	

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 31
 Data Filename : QC2-1_4122024_031.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 3:58:23 PM
 Date Processed : 4/12/2024 4:04:25 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

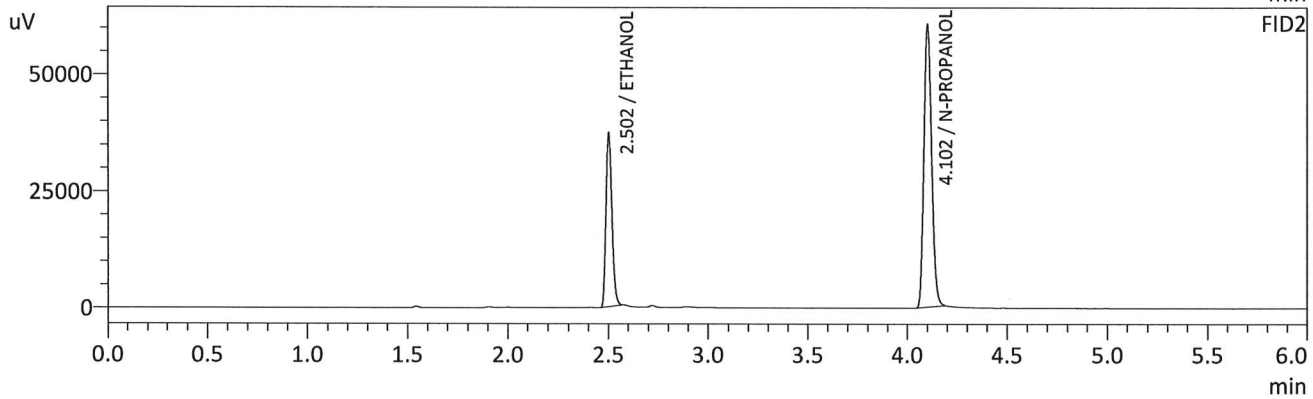
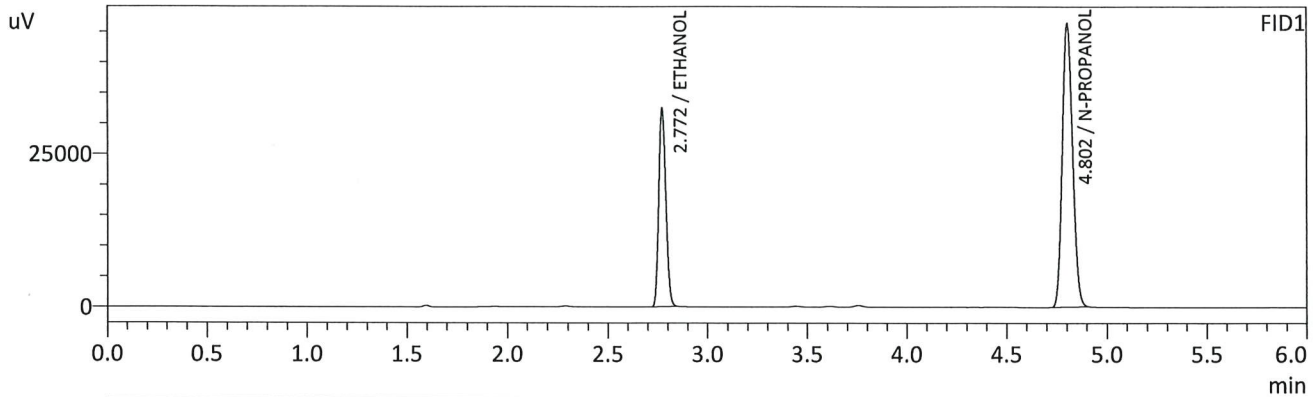
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2065	g/100cc	79956	32806
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166642	46856
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2035	g/100cc	78647	37350
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165337	61156
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : QC2-1-B
 Vial # : 32
 Data Filename : QC2-1-B_4122024_032.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 4:07:57 PM
 Date Processed : 4/12/2024 4:13:58 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2058	g/100cc	78724	32287
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164629	46156
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2028	g/100cc	77409	36723
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163341	60158
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 4/12/2024 7:08:41 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0878	0.0876	0.0002	0.0877	0.0011	0.0882
(g/100cc)	0.0888	0.0888	0.0000	0.0888		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

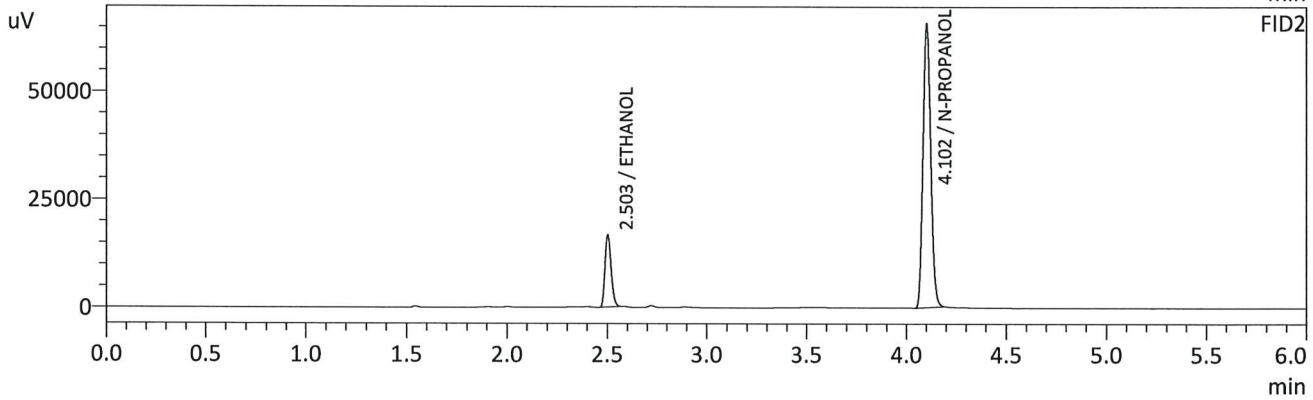
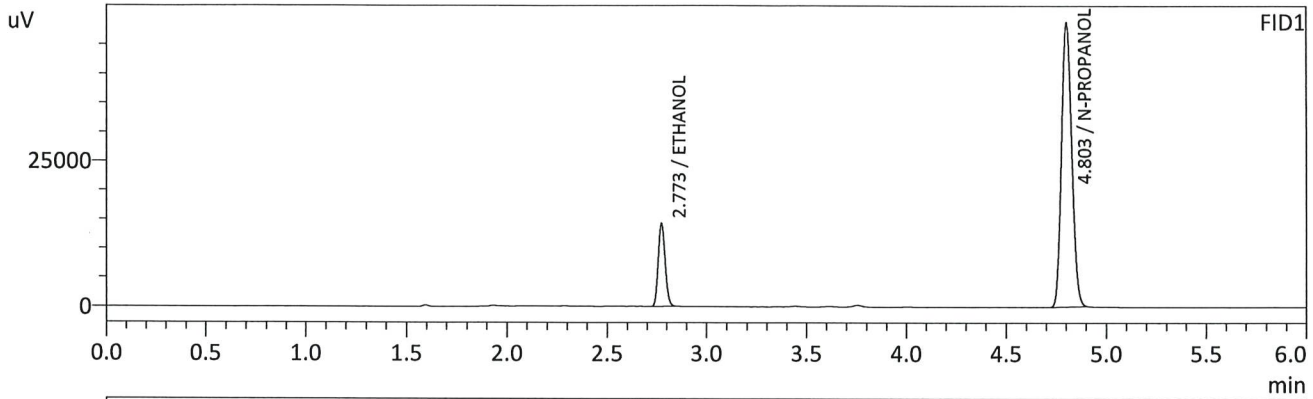
Refer To Instrument Method: ALCOHOL_041224_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.088	0.083	0.093	0.005

	Reported Results
	0.088

Calibration and control data are stored centrally.

Sample Name : QC1-2
 Vial # : 51
 Data Filename : QC1-2_4122024_051.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 7:08:41 PM
 Date Processed : 4/12/2024 7:14:43 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

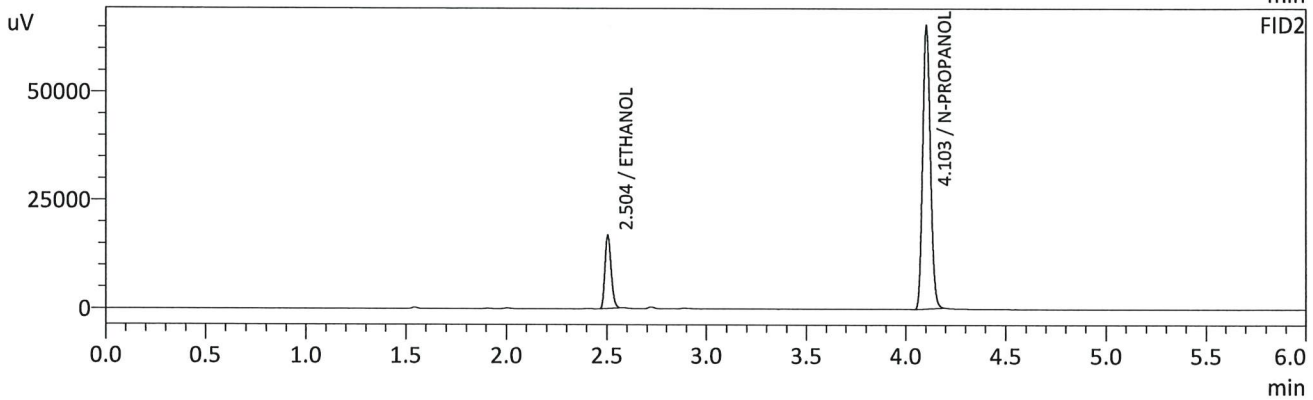
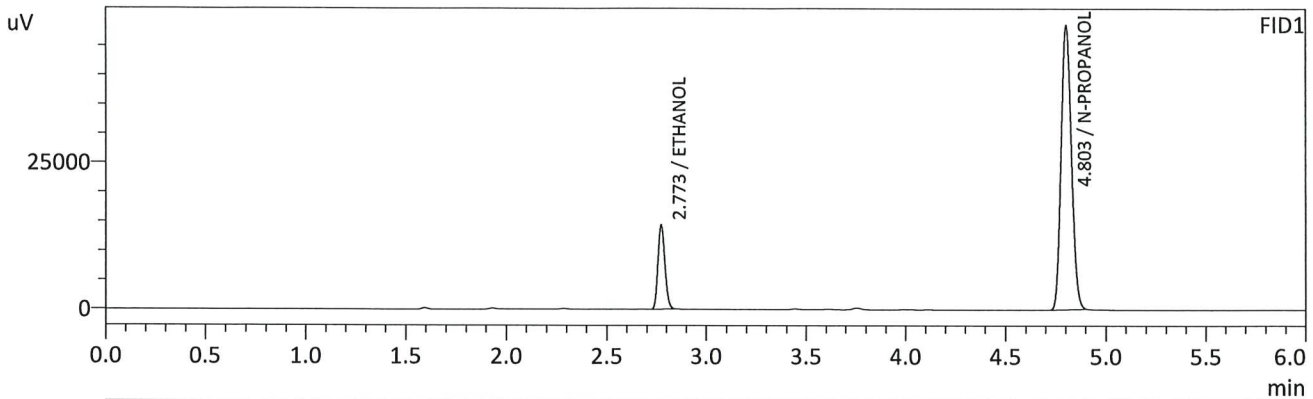
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0878	g/100cc	34657	14135
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172999	48642
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0876	g/100cc	34702	16618
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176163	65182
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-2-B
 Vial # : 52
 Data Filename : QC1-2-B_4122024_052.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 7:18:31 PM
 Date Processed : 4/12/2024 7:24:32 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

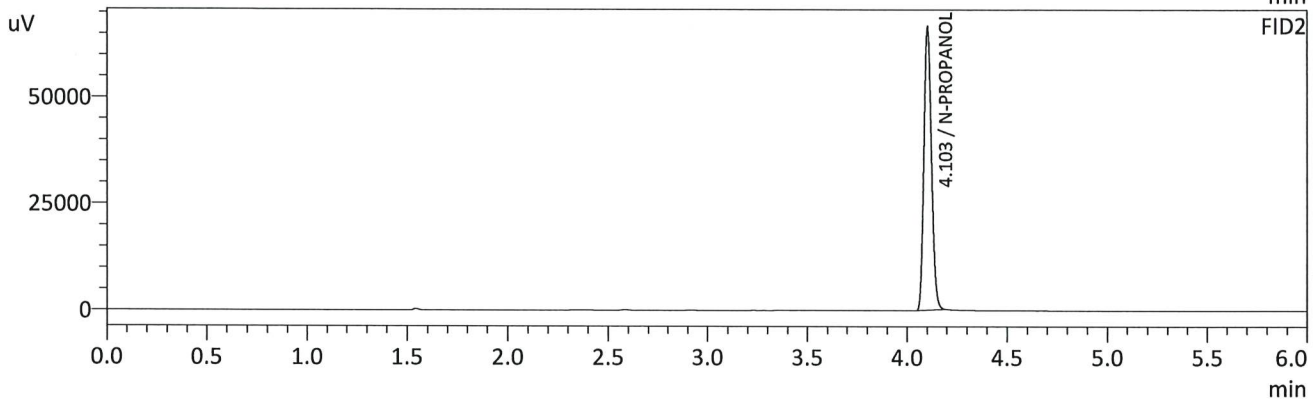
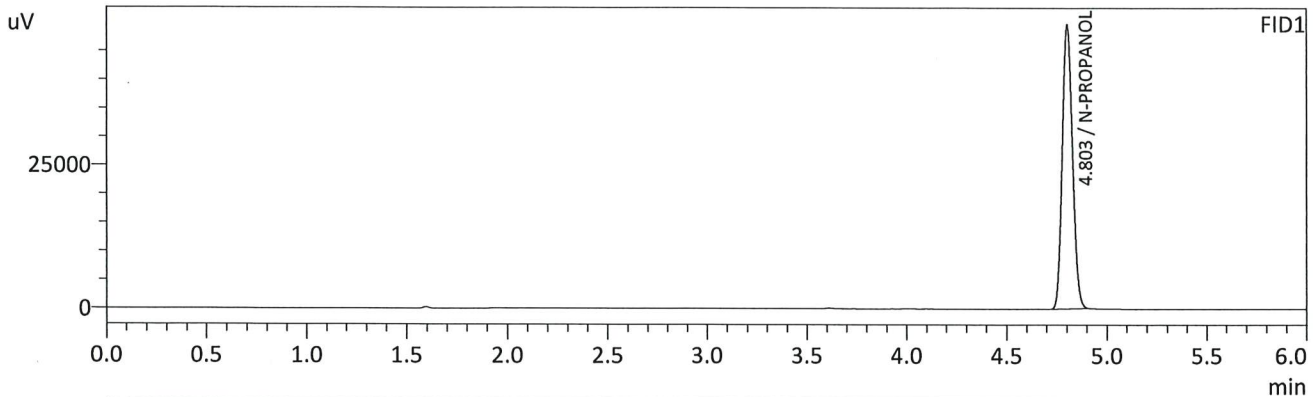
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0888	g/100cc	34958	14306
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172414	48487
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0888	g/100cc	35025	16830
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175378	65061
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

40

Sample Name : INT STD BLK 3
 Vial # : 53
 Data Filename : INT STD BLK 3_4122024_053.gcd
 Method Filename : ALCOHOL_041224_RC.gcm
 Batch Filename : BATCH_041224_RC.gcb
 Date Acquired : 4/12/2024 7:27:57 PM
 Date Processed : 4/12/2024 7:33:58 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_041224_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175406	49460
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178329	66293
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662

Shimadzu HS-20 Serial Number: C12595700014

LabSolutions Version 6.117

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	0.050	1:Standard:(R)	ALCOHOL_041224_RC.gcm		1
2	0.100	1:Standard:(R)	ALCOHOL_041224_RC.gcm		2
3	0.200	1:Standard:(R)	ALCOHOL_041224_RC.gcm		3
4	0.300	1:Standard:(R)	ALCOHOL_041224_RC.gcm		4
5	0.500	1:Standard:(R)	ALCOHOL_041224_RC.gcm		5
6	INT STD BLK 1	0:Unknown	ALCOHOL_041224_RC.gcm		0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_041224_RC.gcm		1
8	INT STD BLK 2	0:Unknown	ALCOHOL_041224_RC.gcm		0
9	QC1-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
10	QC1-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
11	0.08 QA	0:Unknown	ALCOHOL_041224_RC.gcm		0
12	0.08 QA - B	0:Unknown	ALCOHOL_041224_RC.gcm		0
13	P2024-0869-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
14	P2024-0869-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
15	P2024-0916-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
16	P2024-0916-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
17	P2024-0926-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
18	P2024-0926-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
19	P2024-0931-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
20	P2024-0931-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
21	P2024-0937-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
22	P2024-0937-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
23	P2024-0958-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
24	P2024-0958-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
25	P2024-0977-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
26	P2024-0977-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
27	P2024-0978-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
28	P2024-0978-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
29	P2024-0979-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
30	P2024-0979-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
31	QC2-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
32	QC2-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
33	P2024-0980-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
34	P2024-0980-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
35	P2024-1005-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
36	P2024-1005-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
37	P2024-1022-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
38	P2024-1022-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
39	P2024-1023-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
40	P2024-1023-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
41	P2024-1029-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
42	P2024-1029-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
43	P2024-1062-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
44	P2024-1062-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
45	P2024-1072-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
46	P2024-1072-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
47	P2024-1073-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
48	P2024-1073-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
49	P2024-1082-1	0:Unknown	ALCOHOL_041224_RC.gcm		0
50	P2024-1082-1-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
51	QC1-2	0:Unknown	ALCOHOL_041224_RC.gcm		0
52	QC1-2-B	0:Unknown	ALCOHOL_041224_RC.gcm		0
53	INT STD BLK 3	0:Unknown	ALCOHOL_041224_RC.gcm		0