

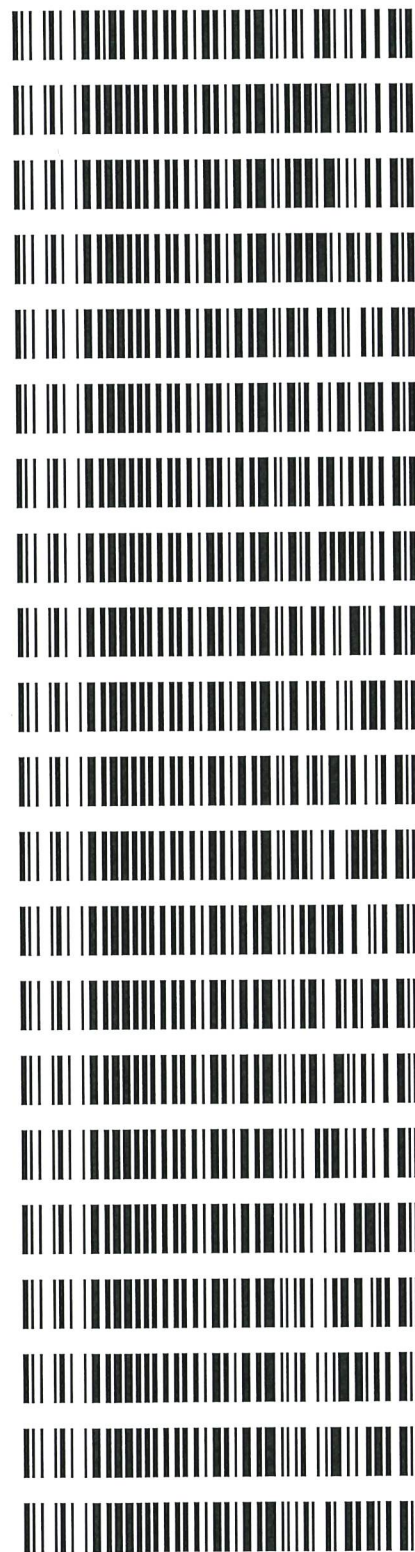
REVIEWED

By Jeremy Johnston at 9:40 am, Jan 04, 2024

1/3/2024

Worklist: 6631

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2023-5482	1	BCK	Alcohol Analysis
P2023-3833	1	BCK	Alcohol Analysis
P2023-3833	2	BCK	Alcohol Analysis
P2023-3834	1	BLOOD	Alcohol Analysis
P2023-3837	1	BLOOD	Alcohol Analysis
P2023-3838	1	BLOOD	Alcohol Analysis
P2023-3838	2	BLOOD	Alcohol Analysis
P2023-3839	1	BLOOD	Alcohol Analysis
P2023-3850	1	BCK	Alcohol Analysis
P2023-3860	1	BCK	Alcohol Analysis
P2023-3861	1	BCK	Alcohol Analysis
P2023-3868	1	BCK	Alcohol Analysis
P2023-3880	1	BCK	Alcohol Analysis
P2023-3886	1	BCK	Alcohol Analysis
P2023-3887	1	BCK	Alcohol Analysis
P2023-3892	1	BCK	Alcohol Analysis
P2023-3915	1	BCK	Alcohol Analysis
P2023-3922	1	BCK	Alcohol Analysis
P2023-3929	1	BCK	Alcohol Analysis
P2023-3930	1	BCK	Alcohol Analysis
P2023-3943	1	BCK	Alcohol Analysis



Also ran P2023-3770, P2023-3771, P2023-3821 and P2023-3832 from Worklist6622 with this run. RC

RC

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): **01/02/2024**

Calibration Date: (if different) : **12/28/23**

Worklist #: **6631**

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
					0.0918 g/100cc
					0.0925 g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2085 g/100cc
					g/100cc
					g/100cc
Multi-Component mixture:		Exp:	2024 October	Lot #	FN06041902 OK
Curve Fit:			Column 1	0.99997	Column2 0.99984

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0506	0.0525	0.0019	0.0515
100	0.100	0.090 - 0.110	0.1003	0.0999	0.0004	0.1001
200	0.200	0.180 - 0.220	0.1984	0.1968	0.0016	0.1976
300	0.300	0.270 - 0.330	0.3002	0.2991	0.0011	0.2996
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5003	0.5015	0.0012	0.5009

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc

RC

Internal Standard Monitoring Worksheet

Worklist #:	6631	Run Date(s):	01/02/2024
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Internal Standard Solution:	Prep Date: 12/26/2023	Exp Date: 6/26/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	140263	135268
0.080	146675	141937
QC1	140182	136124
QC1	147692	144729
QC1	155438	154703
QC1	148811	147956
QC1	166097	165550
QC1	163352	162418
QC2	147864	147186
QC2	149305	148376
QC2		
QC2		
QC2		
QC2		

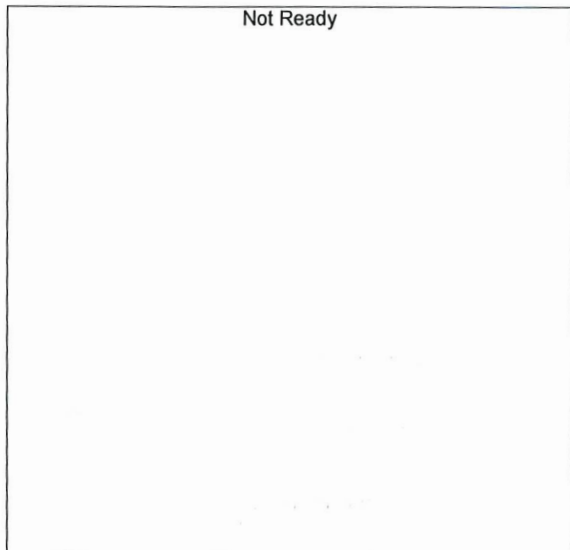
	Average	(-)20%	(+)20%
Column 1	150567.9	120454.3	180681.5
Column 2	148424.7	118739.8	178109.6

RC

Calibration Table

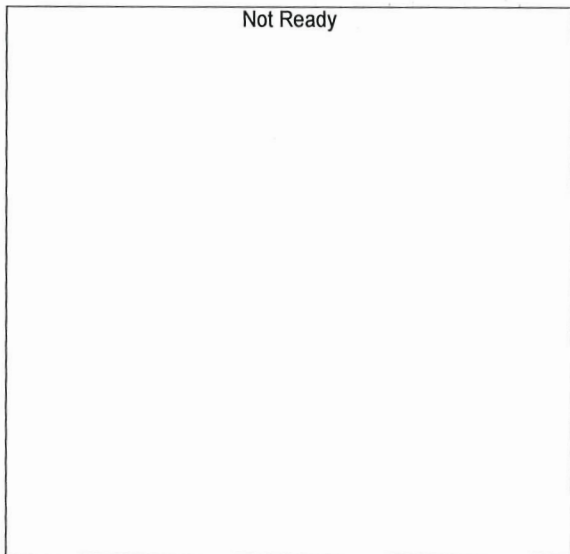
Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

<<Data File>>
 Method File :Default Project - ALCOHOL_122823_RC.gcm
 Batch File :Default Project - BATCH_122823_RC.gcb
 Date Acquired :12/28/2023 5:01:11 PM
 Date Created :12/28/2023 4:57:41 PM
 Date Modified :12/29/2023 1:35:23 PM



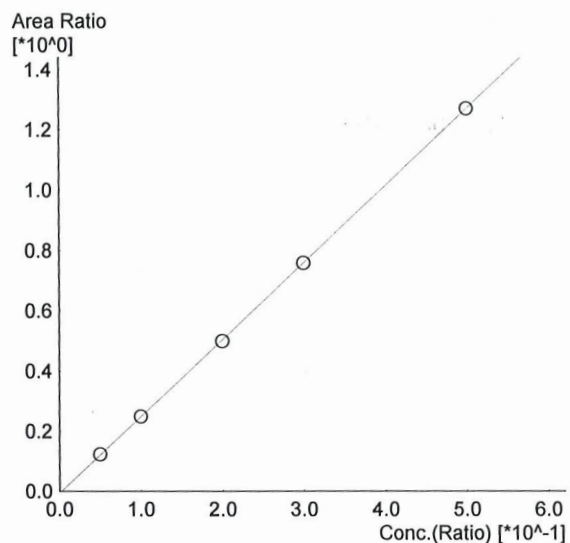
Name : METHANOL
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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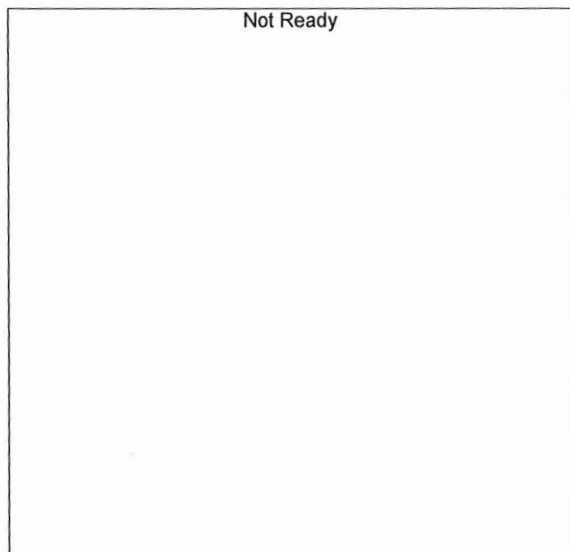
Name : ACETALDEHYDE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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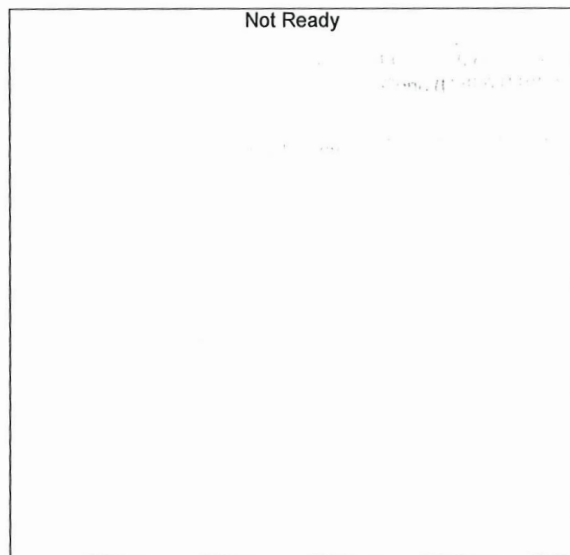
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.55008*x-0.00627819$
 R² value= 0.9999749 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	17432	0.0506	0.050_12282023_001.gcd
2	0.100	35522	0.1003	0.100_12282023_002.gcd
3	0.200	71976	0.1984	0.200_12282023_003.gcd
4	0.300	109621	0.3002	0.300_12282023_004.gcd
5	0.500	190290	0.5003	0.500_12282023_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
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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.	Data File Name
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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
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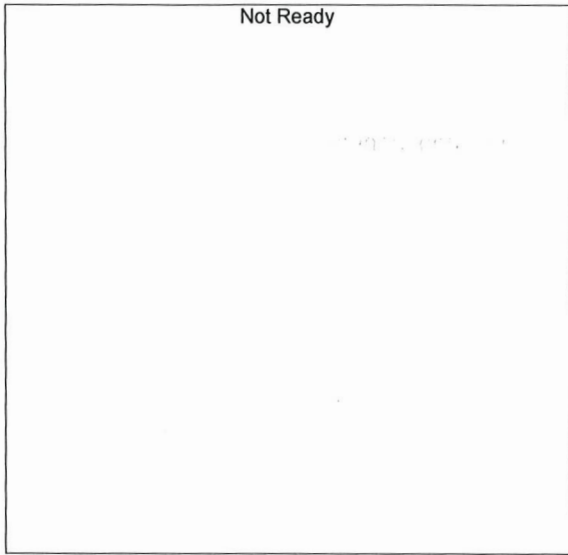
Name : TFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

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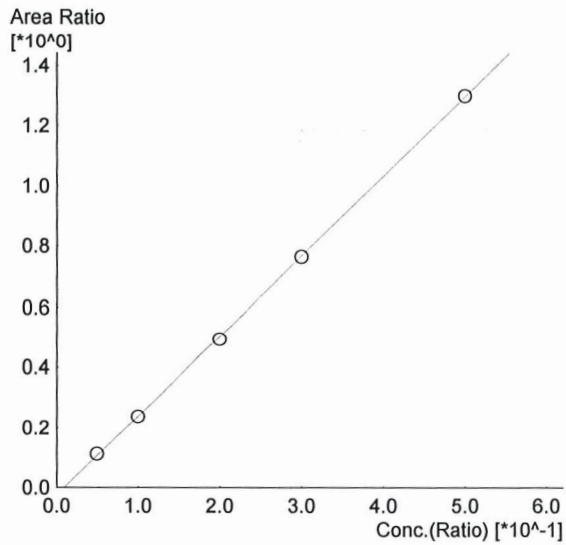
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	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 : $f(x)=2.64264*x-0.0257971$
 R² value= 0.9998493 ✓
 FitType: Linear
 ZeroThrough: Not Through

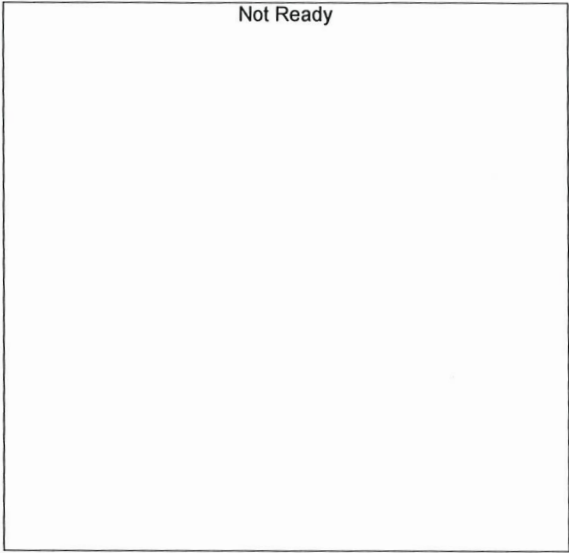
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15848	0.0525	0.050_12282023_001.gcd
2	0.100	33586	0.0999	0.100_12282023_002.gcd
3	0.200	70431	0.1968	0.200_12282023_003.gcd
4	0.300	108904	0.2991	0.300_12282023_004.gcd
5	0.500	192218	0.5015	0.500_12282023_005.gcd



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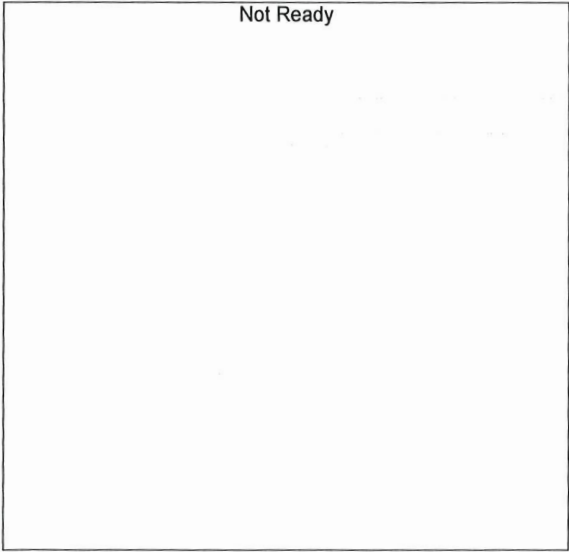
Name : ISOPROPYLALCOHOL
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

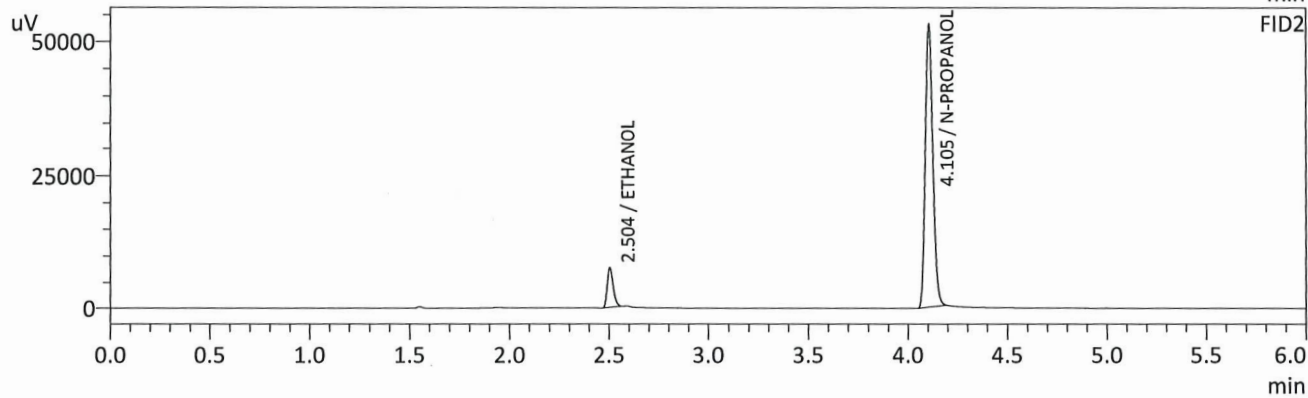
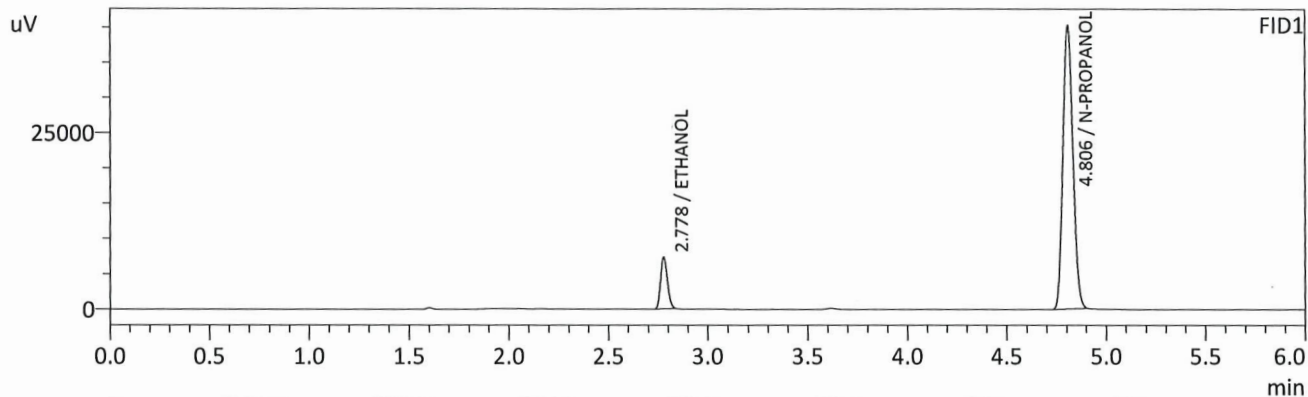
#	Conc.	Area	Std. Conc.	Data File Name
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Name : TFE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_12282023_001.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_122823_RC.gcb
 Date Acquired : 12/28/2023 4:23:03 PM
 Date Processed : 12/29/2023 1:35:09 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

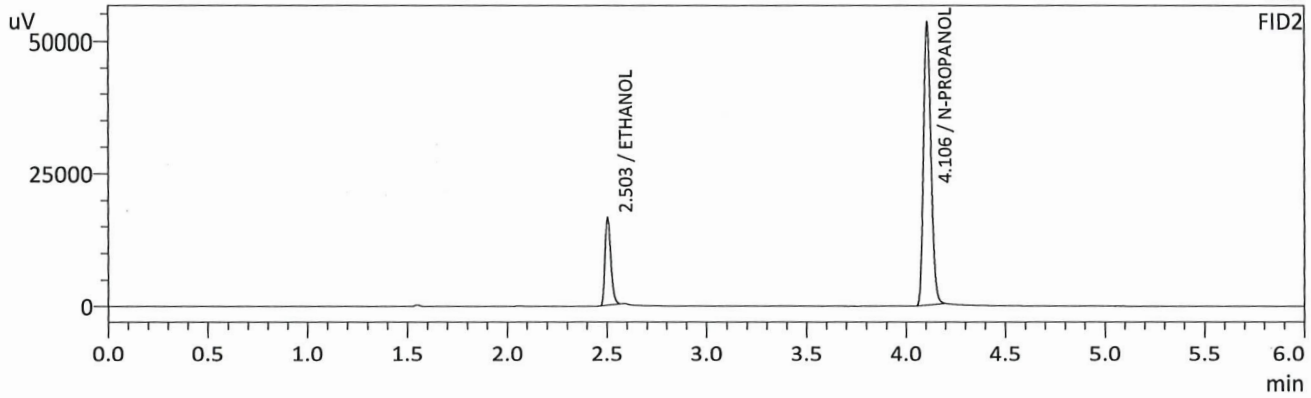
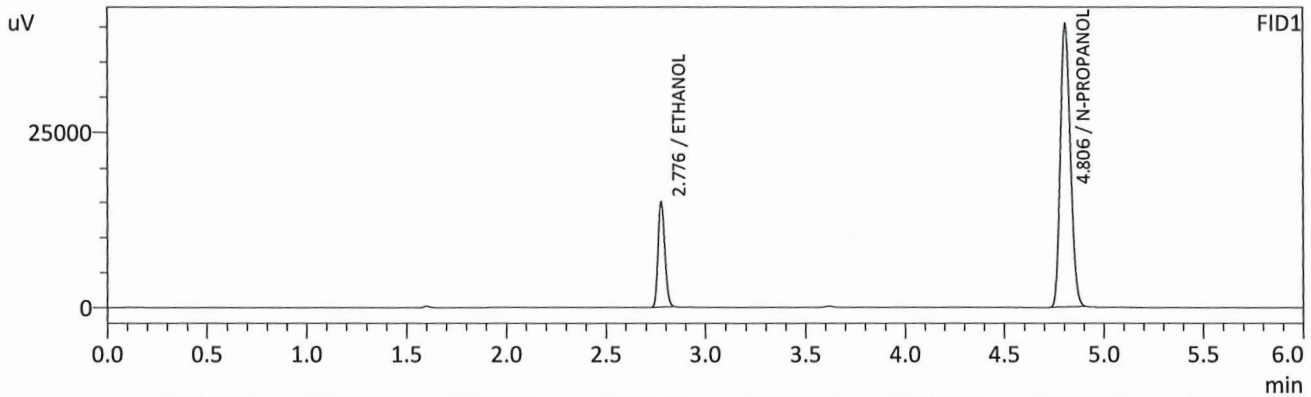
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0506	g/100cc	17432	7297
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	141750	40159
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0525	g/100cc	15848	7725
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	140304	53001
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_12282023_002.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_122823_RC.gcb
 Date Acquired : 12/28/2023 4:32:32 PM
 Date Processed : 12/29/2023 1:35:13 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

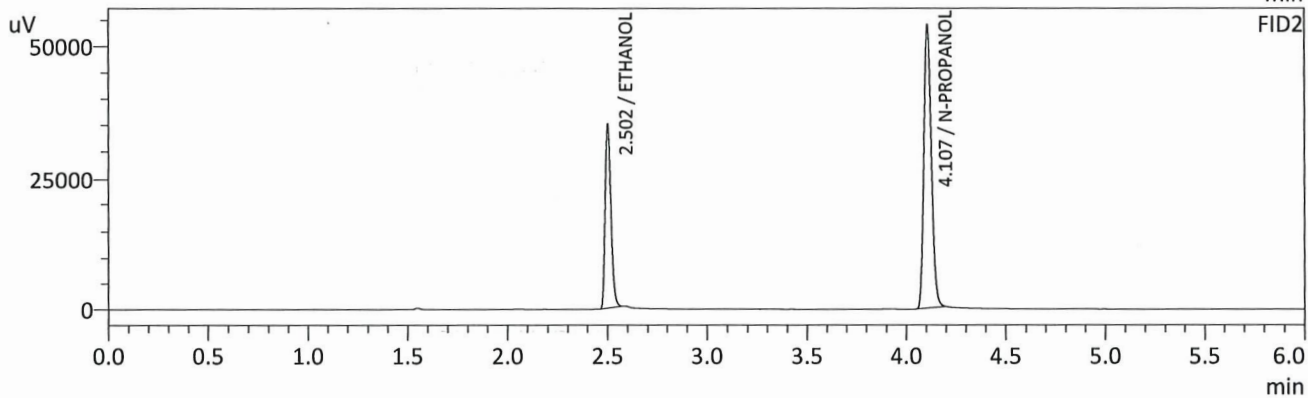
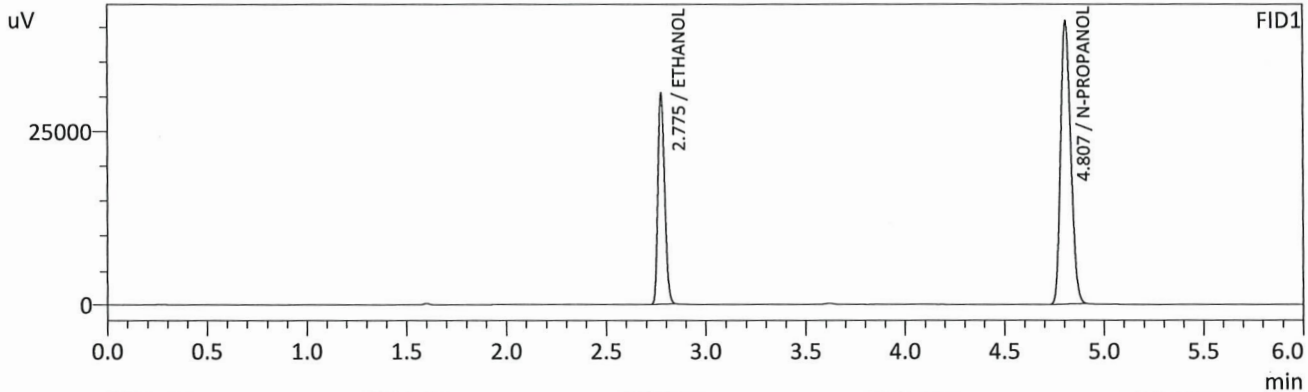
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	35522	14905
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	142372	40281
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0999	g/100cc	33586	16443
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	140877	52887
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_12282023_003.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_122823_RC.gcb
 Date Acquired : 12/28/2023 4:41:54 PM
 Date Processed : 12/29/2023 1:35:17 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

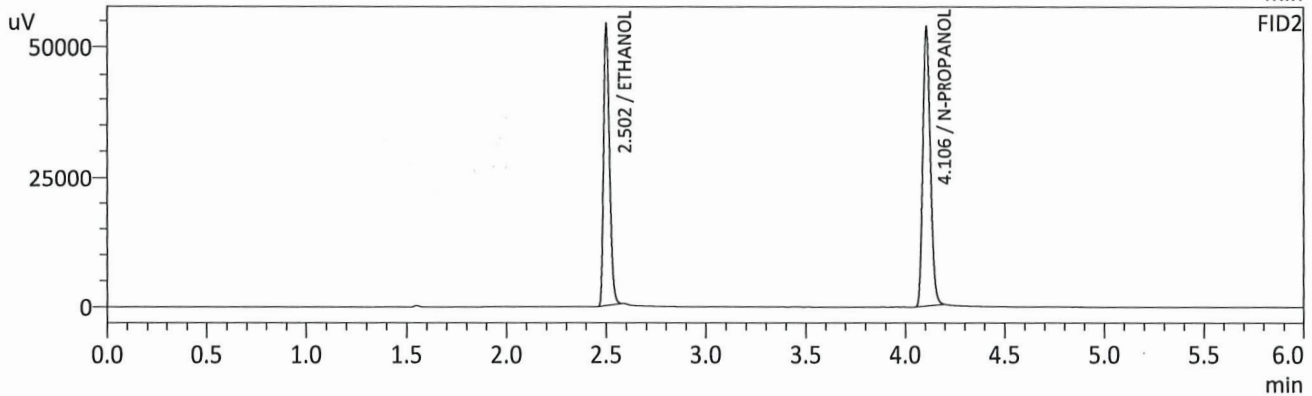
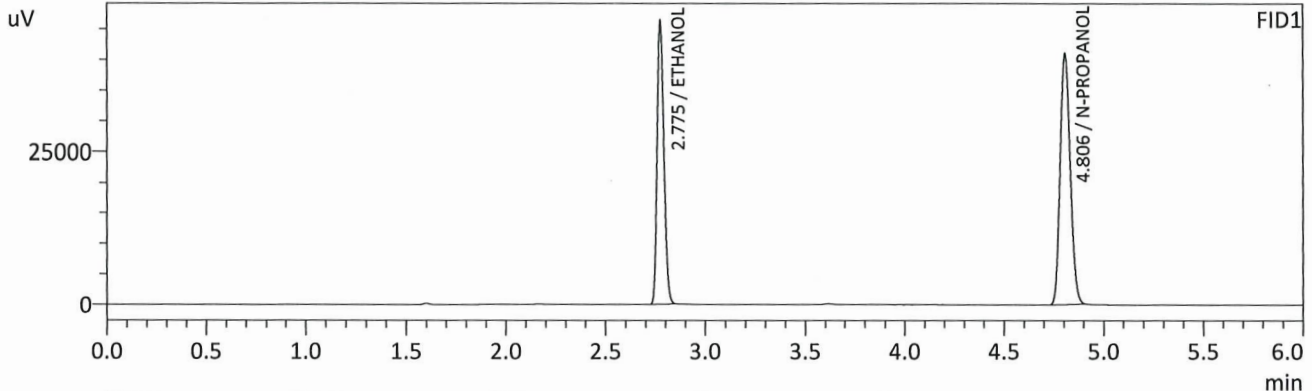
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1984	g/100cc	71976	30383
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144031	40686
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1968	g/100cc	70431	34534
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	142458	53418
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_12282023_004.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_122823_RC.gcb
 Date Acquired : 12/28/2023 4:51:39 PM
 Date Processed : 12/29/2023 1:35:20 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

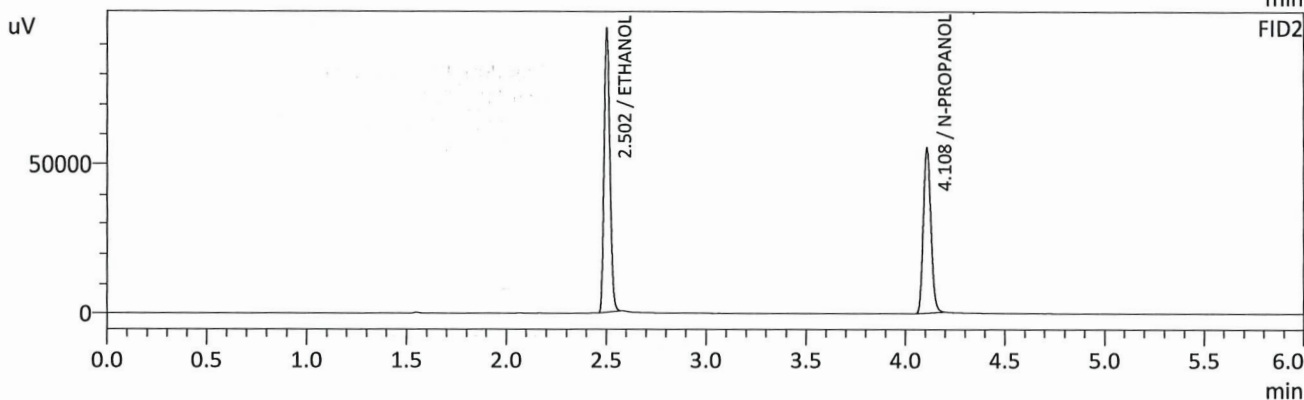
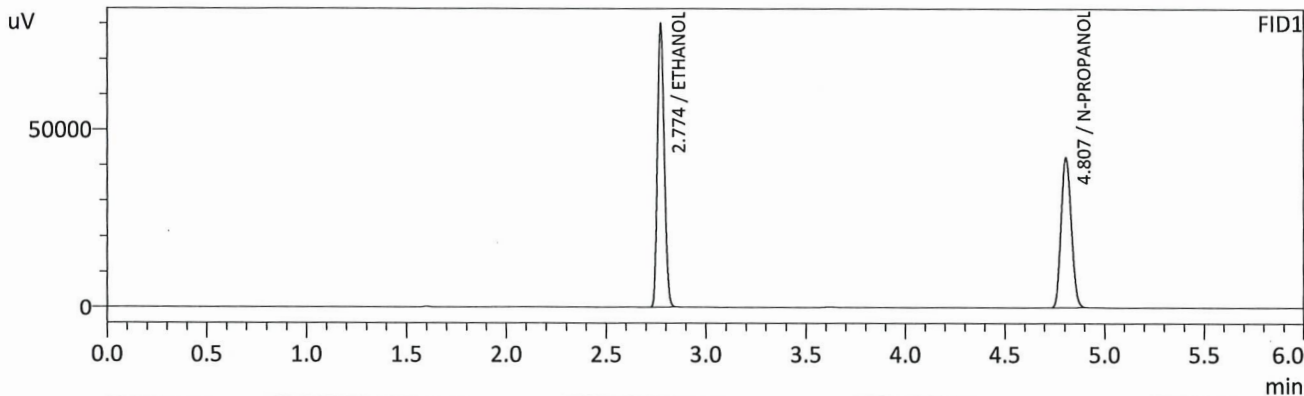
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.3002	g/100cc	109621	46313
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144373	40913
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2991	g/100cc	108904	53501
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	142410	53520
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_12282023_005.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_122823_RC.gcb
 Date Acquired : 12/28/2023 5:01:11 PM
 Date Processed : 12/29/2023 1:35:23 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

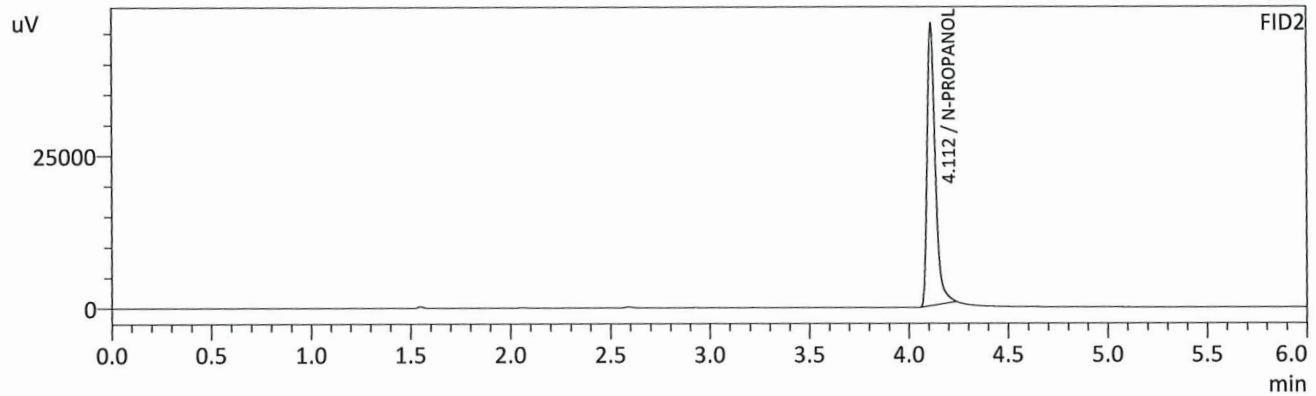
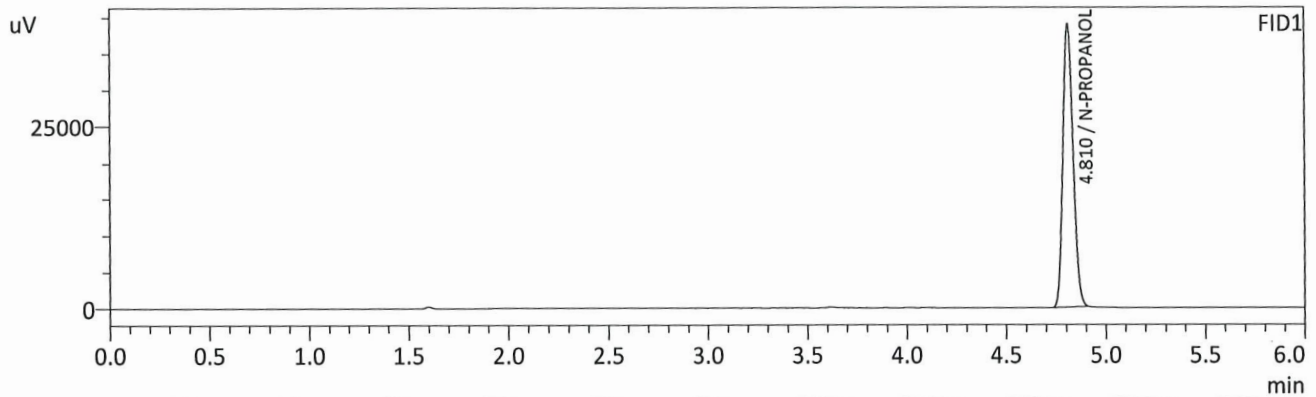
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5003	g/100cc	190290	79915
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	149869	42116
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5015	g/100cc	192218	94207
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	147909	55135
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_122024_001.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 4:04:32 PM
 Date Processed : 1/2/2024 4:10:34 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

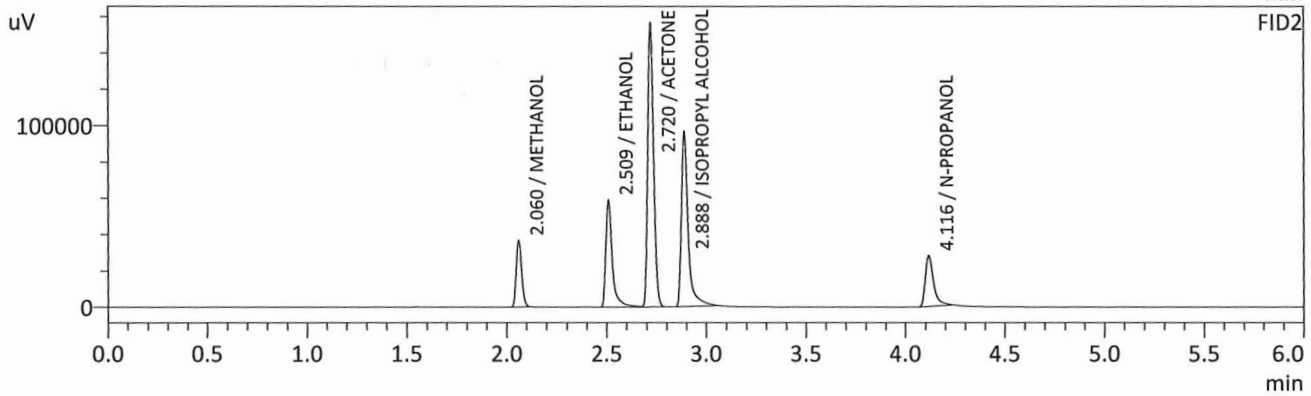
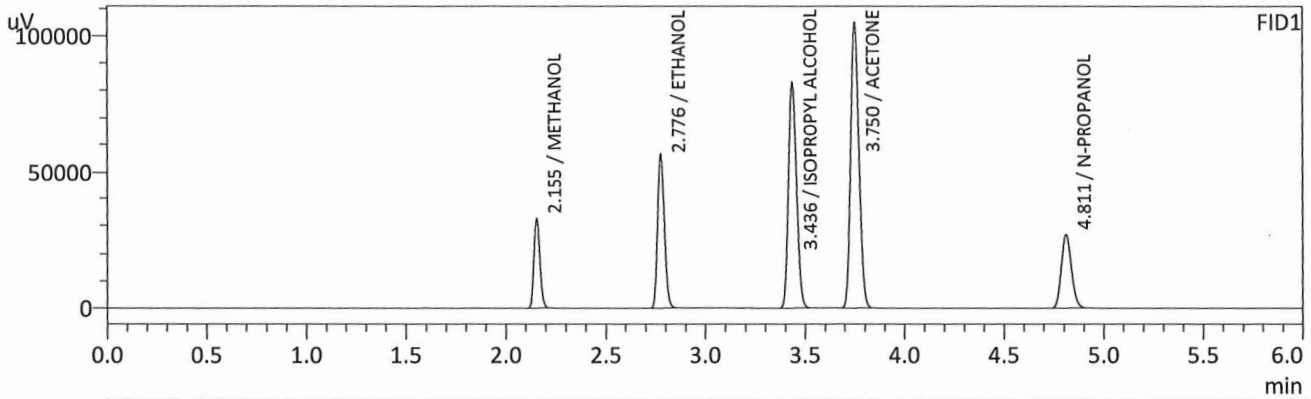
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	137706	38956
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	130656	45968
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_122024_002.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 4:14:02 PM
 Date Processed : 1/2/2024 4:20:04 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

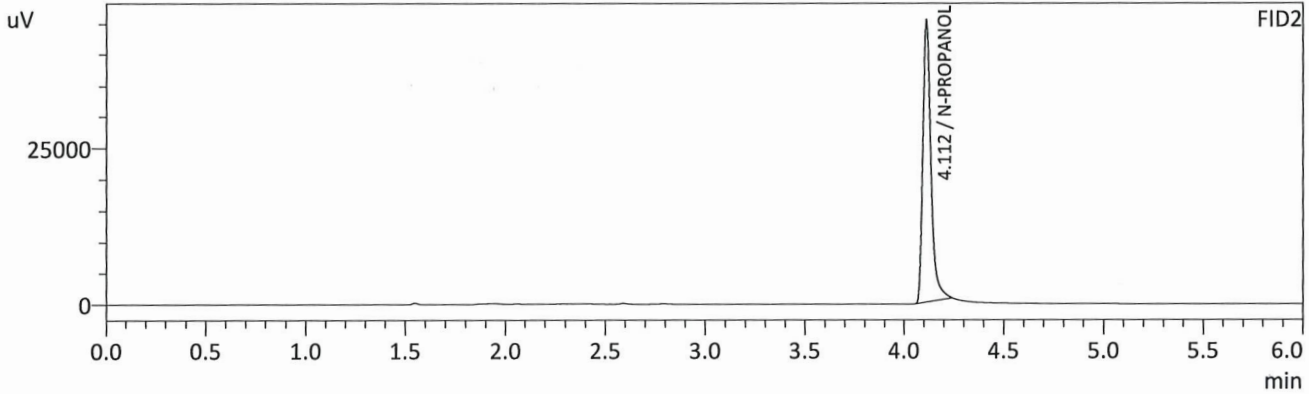
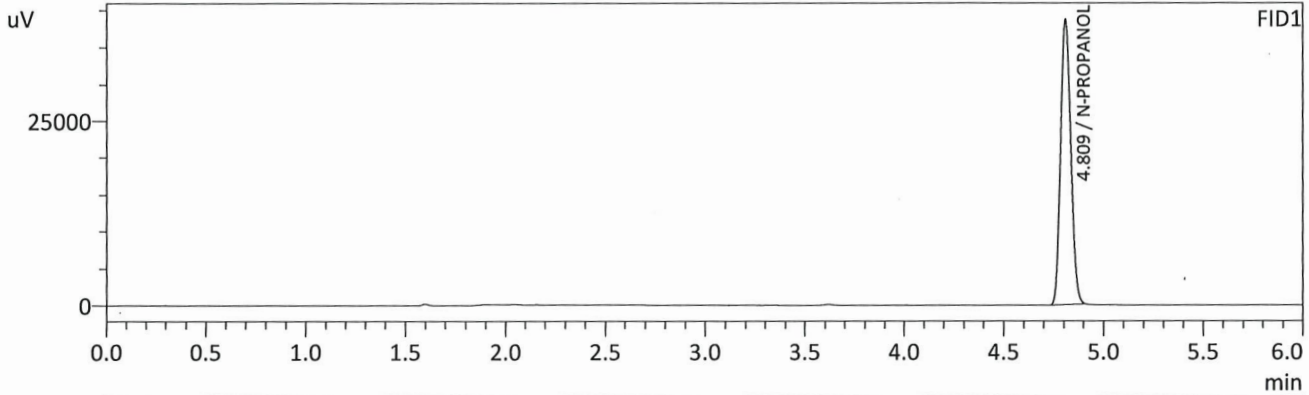
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	68117	32299
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5554	g/100cc	132237	55985
ISOPROPYL ALCOHOL	0.0000	g/100cc	231780	82407
ACETONE	0.0000	g/100cc	301943	104743
N-PROPANOL	0.0000	g/100cc	93783	26609
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	70577	36637
ETHANOL	0.6358	g/100cc	134898	58797
ACETONE	0.0000	g/100cc	315659	154992
ISOPROPYL ALCOHOL	0.0000	g/100cc	229691	95585
N-PROPANOL	0.0000	g/100cc	81530	27852
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_122024_003.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 4:23:23 PM
 Date Processed : 1/2/2024 4:29:25 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_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	136140	38664
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	128293	45042
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CHC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 1/2/2024 4:33:08 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0846	0.0846	0.0000	0.0846	0.0058	0.0817
(g/100cc)	0.0814	0.0763	0.0051	0.0788		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

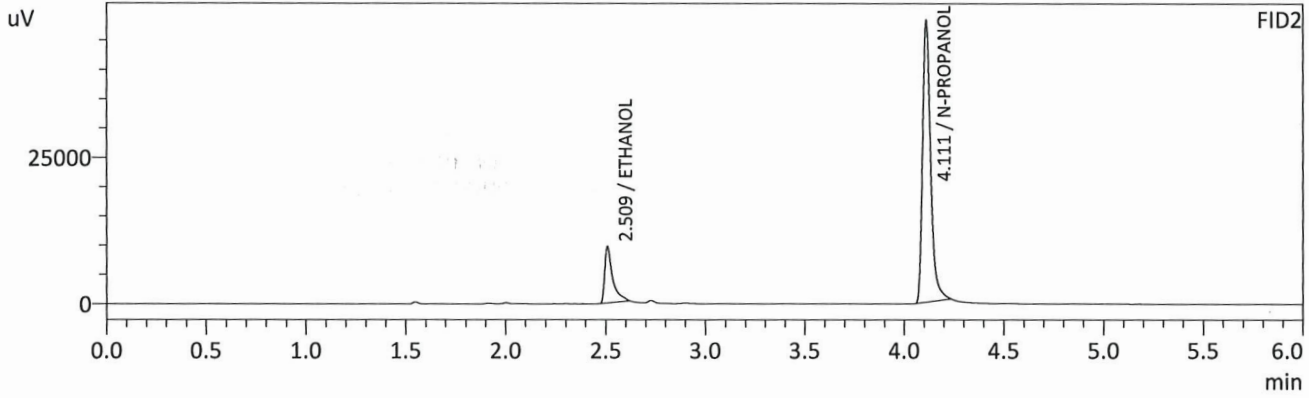
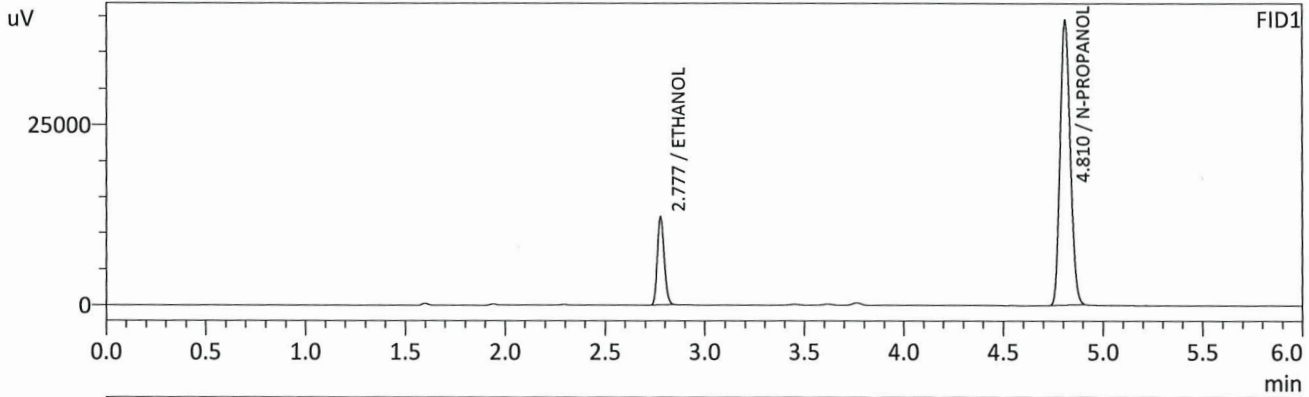
Refer To Instrument Method: ALCOHOL_122823_RC.gcm

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 # : 4
 Data Filename : QC1-1_122024_004.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 4:33:08 PM
 Date Processed : 1/2/2024 4:39:10 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

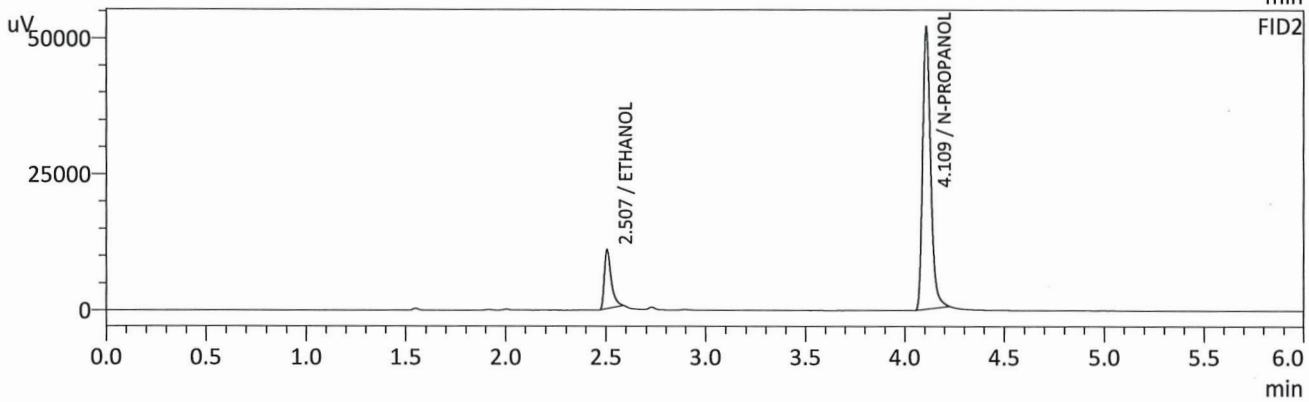
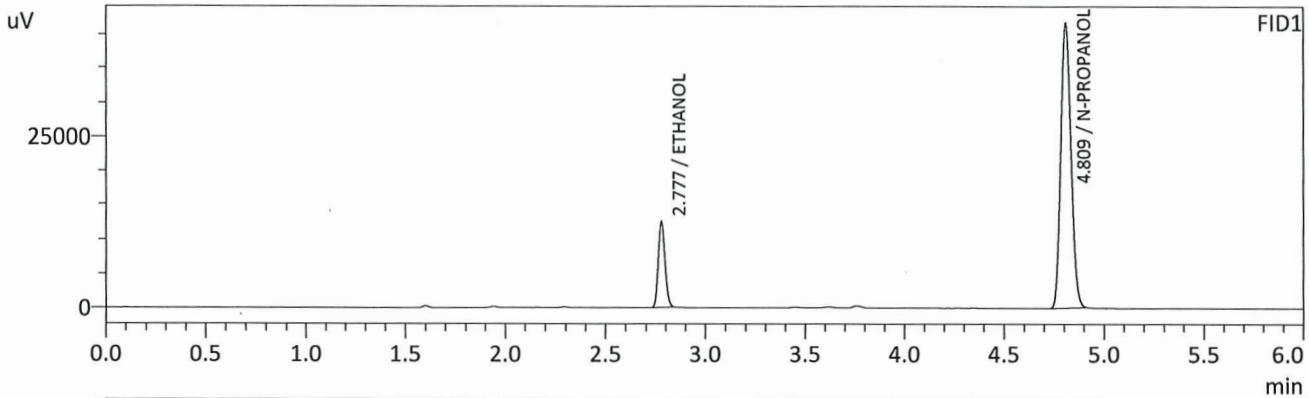
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0846	g/100cc	29367	12133
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	140182	39451
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0846	g/100cc	26923	9678
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	136124	47979
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_122024_005.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 4:42:39 PM
 Date Processed : 1/2/2024 4:48:40 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0814	g/100cc	29756	12284
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	147692	41585
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0763	g/100cc	25459	10737
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144729	51889
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 1/2/2024 4:51:56 PM(-07:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0820	0.0820	0.0000	0.0820	0.0001	0.0820
(g/100cc)	0.0818	0.0825	0.0007	0.0821		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122823_RC.gcm

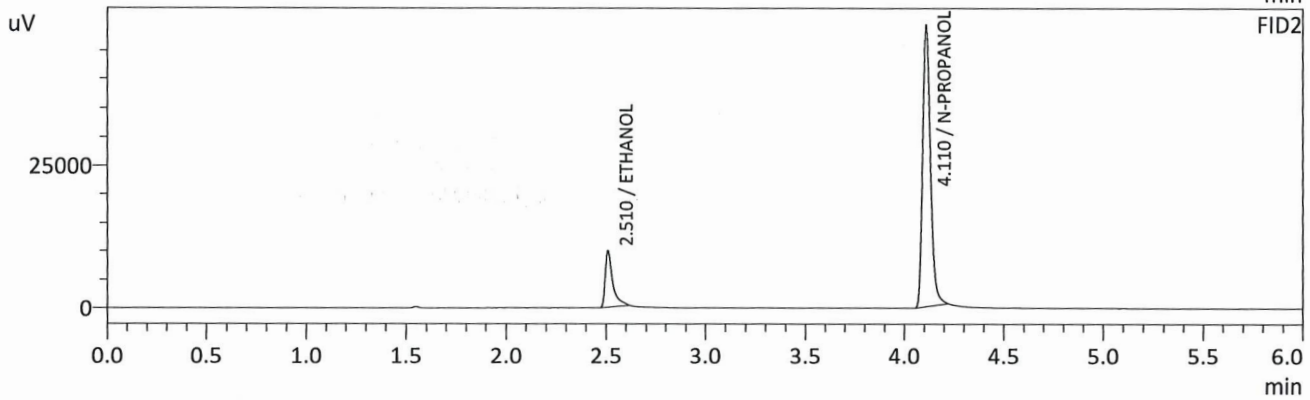
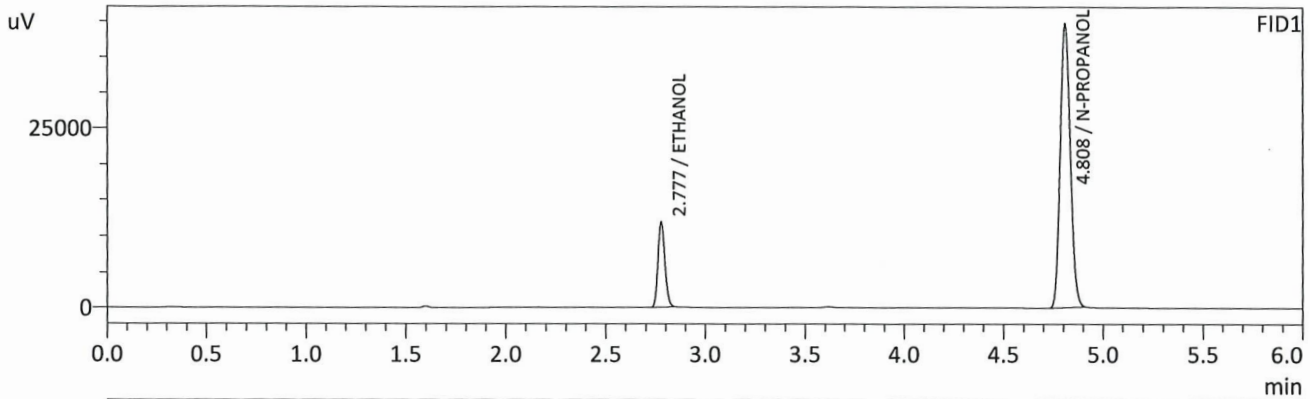
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

	Reported Results
	0.082

Calibration and control data are stored centrally.

RC

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_122024_006.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 4:51:56 PM
 Date Processed : 1/2/2024 4:57:58 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

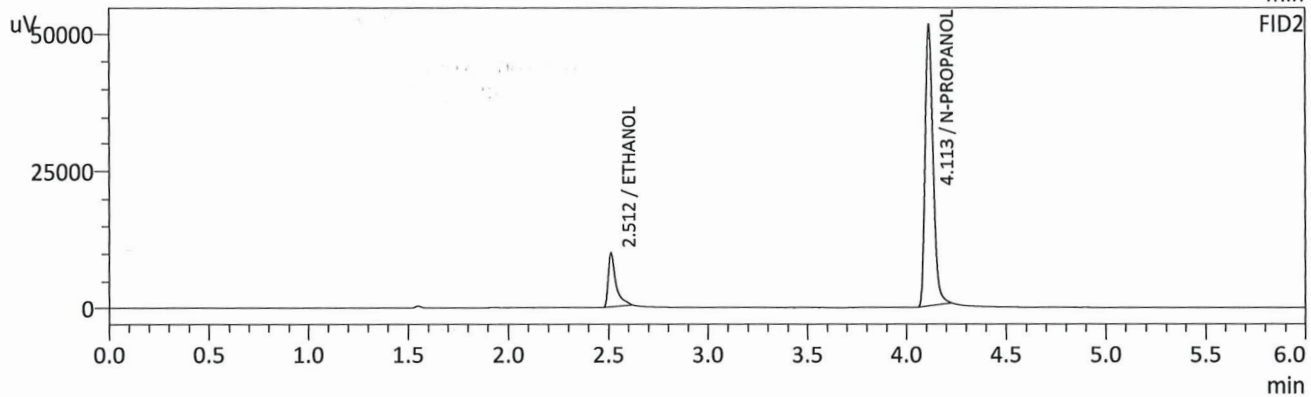
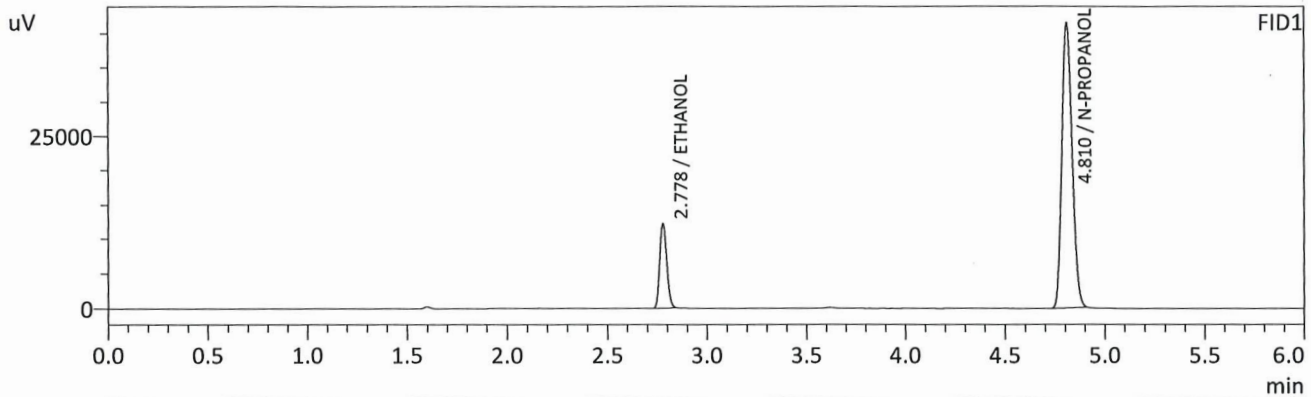
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	28451	11779
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	140263	39657
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0820	g/100cc	25857	9832
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	135268	49035
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_122024_007.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 5:01:41 PM
 Date Processed : 1/2/2024 5:07:43 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0818	g/100cc	29695	12231
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	146675	41418
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0825	g/100cc	27307	9952
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	141937	51221
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 1/2/2024 8:02:36 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2057	0.2111	0.0054	0.2084	0.0002	0.2085
(g/100cc)	0.2056	0.2116	0.0060	0.2086		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

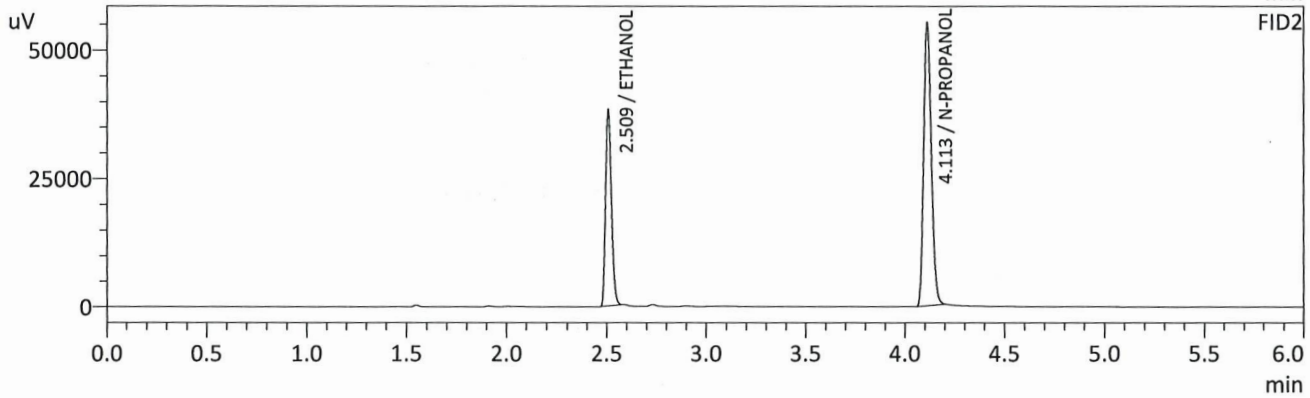
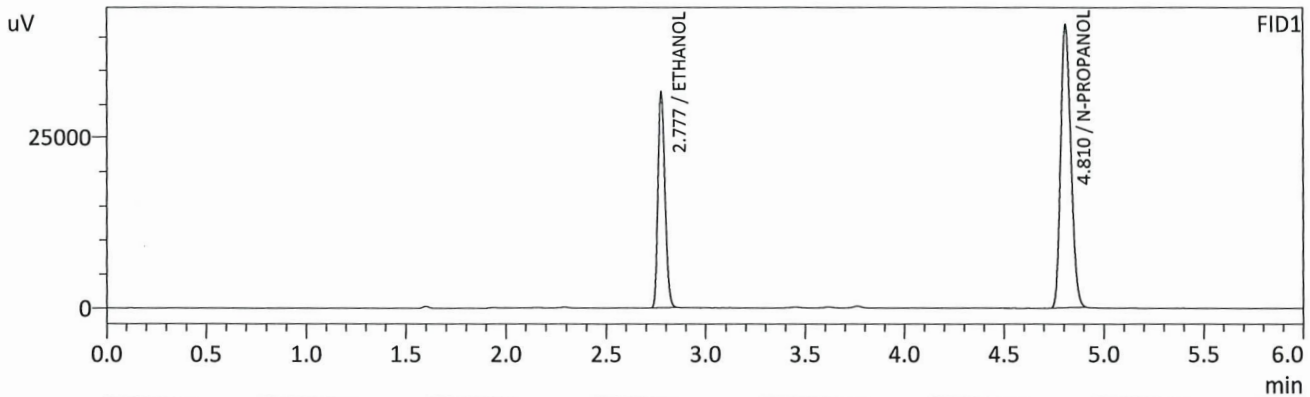
Refer To Instrument Method: ALCOHOL_122823_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.208	0.197	0.219	0.011

Reported Results	
	0.208

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_122024_026.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 8:02:36 PM
 Date Processed : 1/2/2024 8:08:38 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

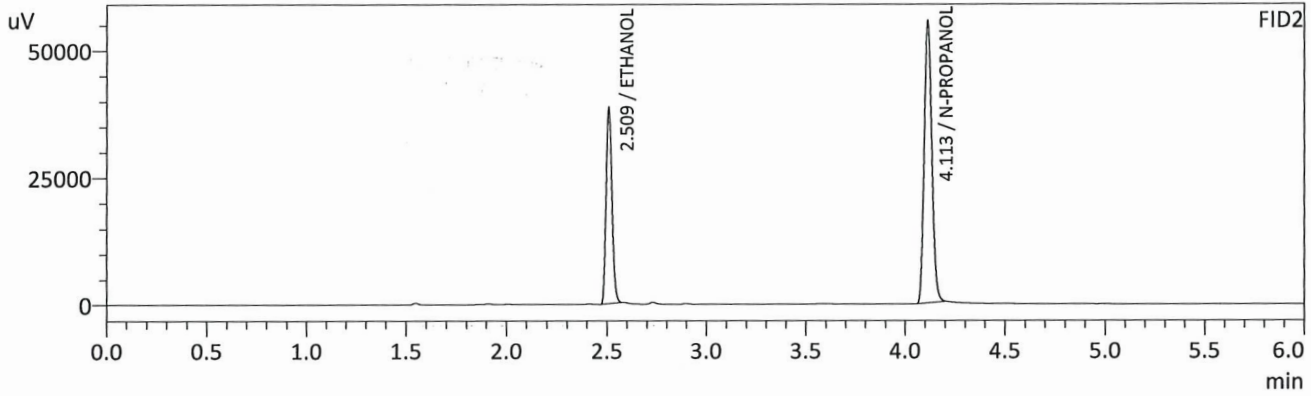
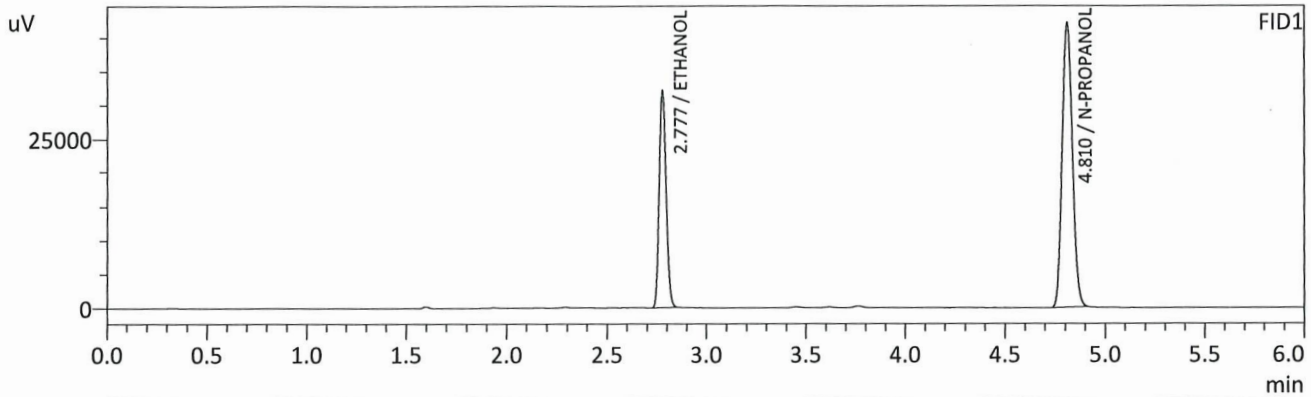
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2057	g/100cc	76653	31455
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	147864	41804
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2111	g/100cc	78346	38216
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	147186	54890
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_122024_027.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 8:11:54 PM
 Date Processed : 1/2/2024 8:17:56 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2056	g/100cc	77374	31749
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	149305	42039
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2116	g/100cc	79174	38643
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	148376	55491
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2

Analysis Date(s): 1/2/2024 11:31:53 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0889	0.0946	0.0057	0.0917	0.0002	0.0918
(g/100cc)	0.0891	0.0947	0.0056	0.0919		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122823_RC.gcm

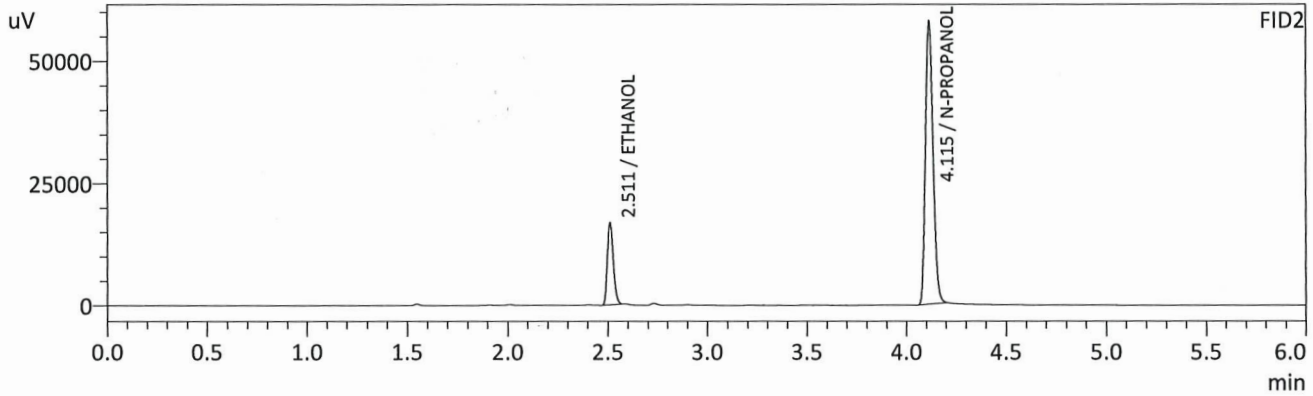
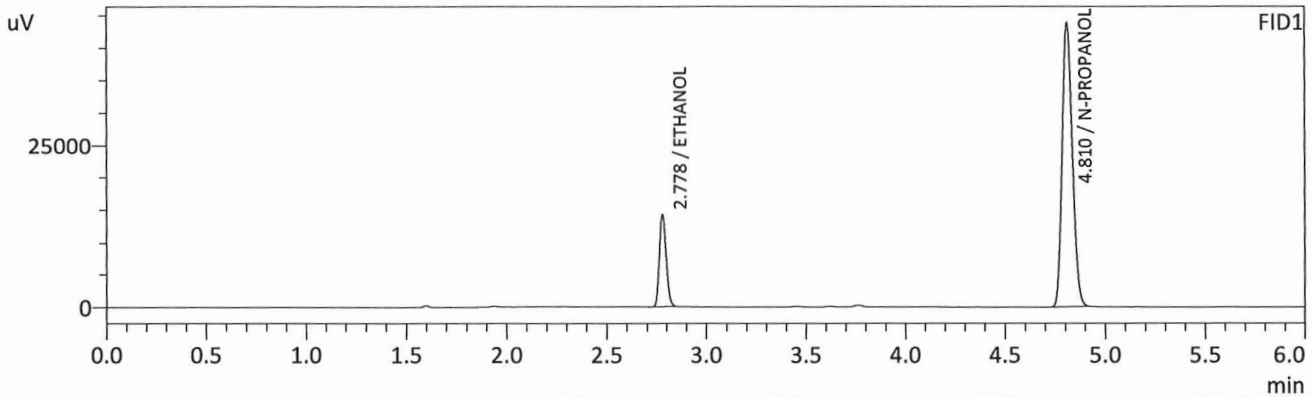
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.091	0.086	0.096	0.005

Reported Results	
0.091	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-2
 Vial # : 48
 Data Filename : QC1-2_122024_048.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 11:31:53 PM
 Date Processed : 1/2/2024 11:37:55 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

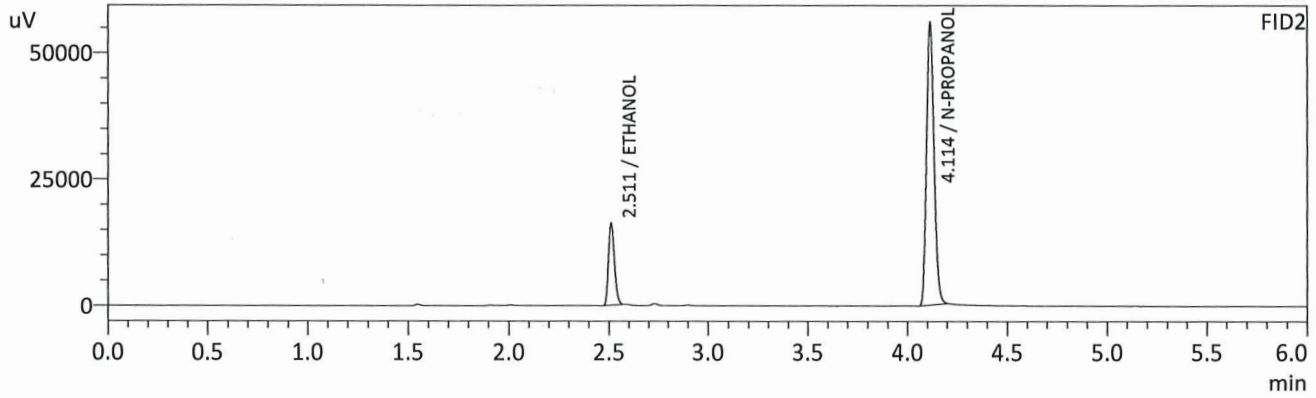
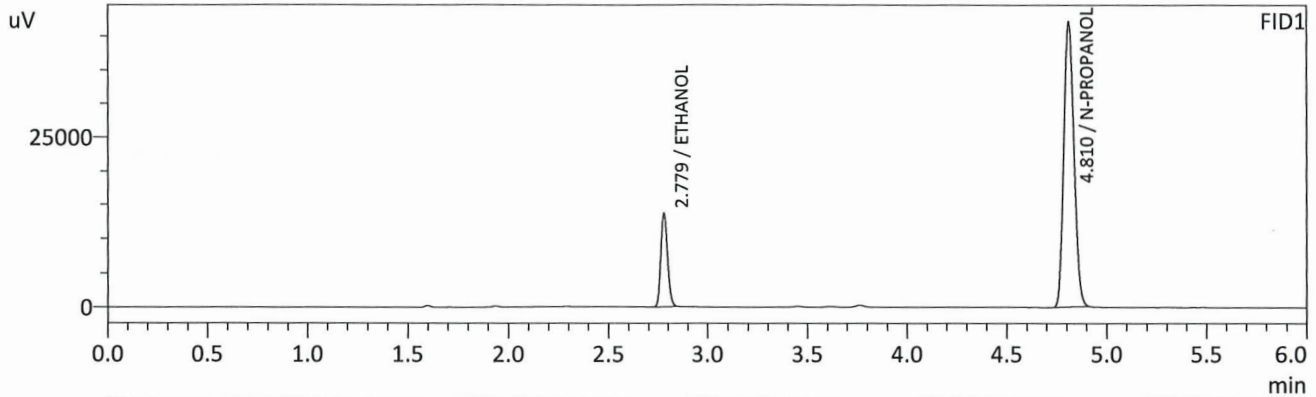
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0889	g/100cc	34296	14123
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	155438	43744
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0946	g/100cc	34703	16577
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	154703	57879
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

Sample Name : QC1-2-B
 Vial # : 49
 Data Filename : QC1-2-B_122024_049.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/2/2024 11:41:37 PM
 Date Processed : 1/2/2024 11:47:39 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0891	g/100cc	32906	13644
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	148811	42058
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0947	g/100cc	33222	16025
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	147956	55922
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-3		Analysis Date(s): 1/3/2024 1:45:20 AM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0895	0.0950	0.0055	0.0922	0.0007	0.0925
(g/100cc)	0.0899	0.0959	0.0060	0.0929		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_122823_RC.gcm

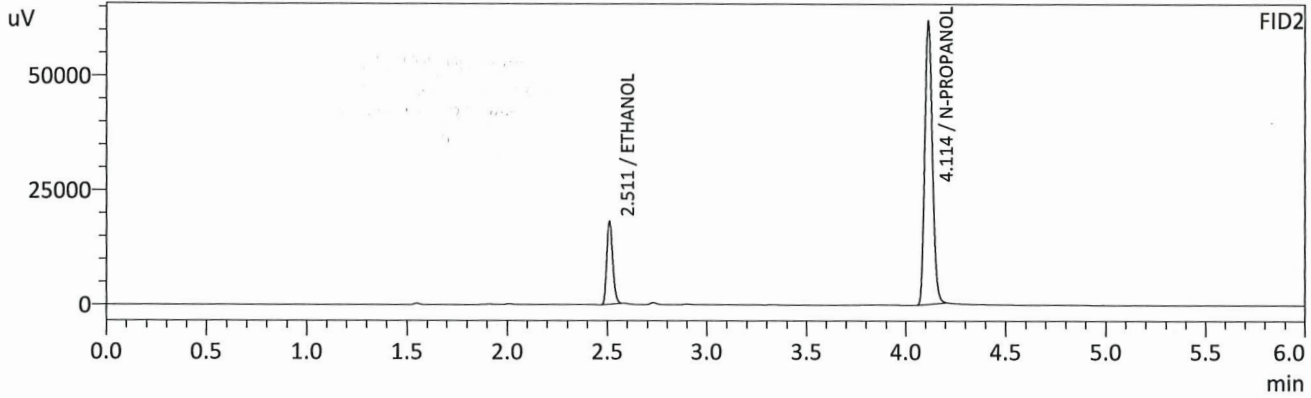
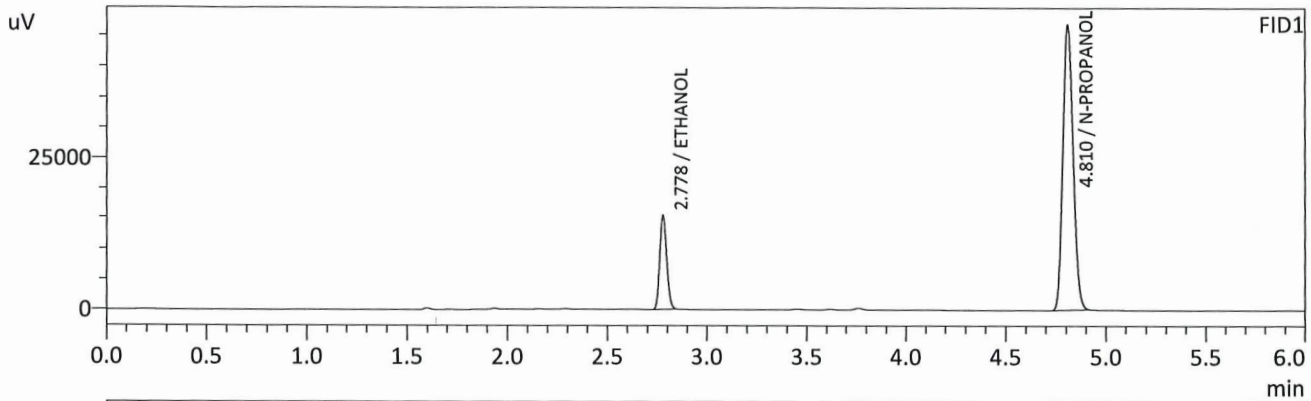
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.092	0.087	0.097	0.005

	Reported Results
	0.092

Calibration and control data are stored centrally.

RC

Sample Name : QC1-3
 Vial # : 62
 Data Filename : QC1-3_122024_062.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/3/2024 1:45:20 AM
 Date Processed : 1/3/2024 1:51:22 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

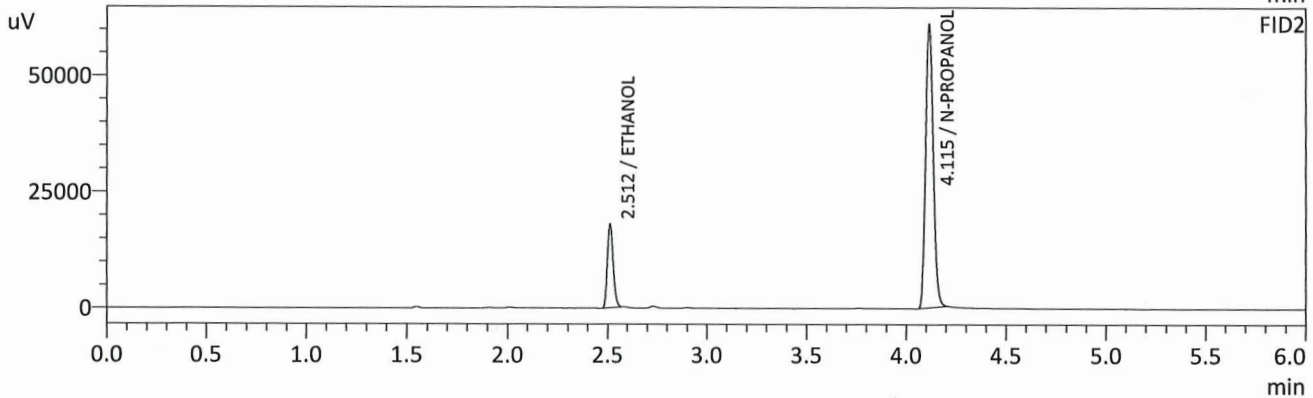
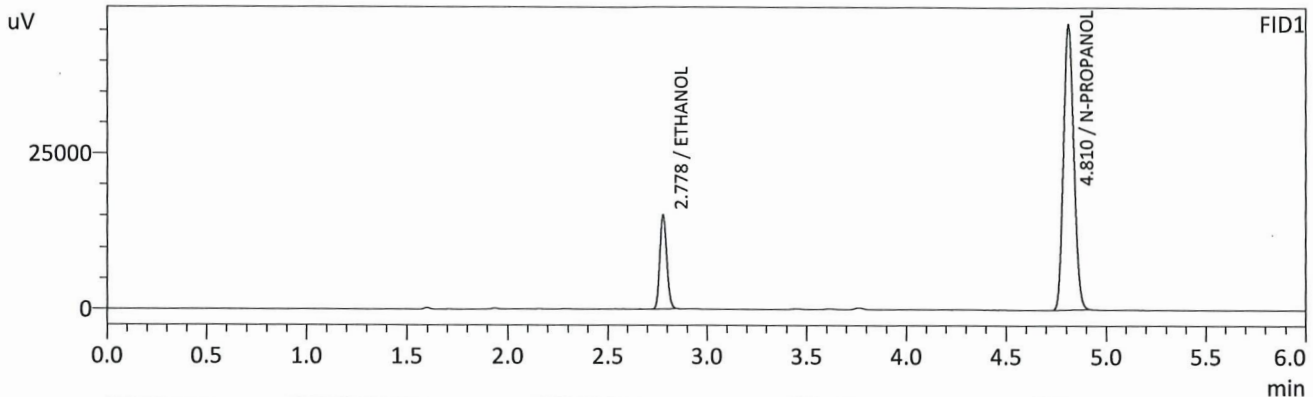
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0895	g/100cc	36901	15189
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166097	46862
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0950	g/100cc	37292	17907
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165550	61871
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

Sample Name : QC1-3-B
 Vial # : 63
 Data Filename : QC1-3-B_122024_063.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/3/2024 1:54:37 AM
 Date Processed : 1/3/2024 2:00:38 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

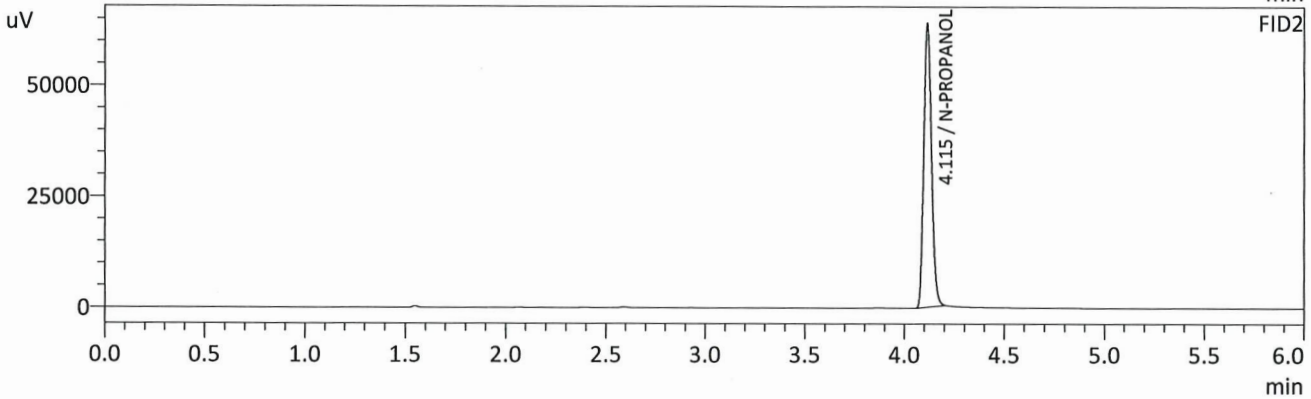
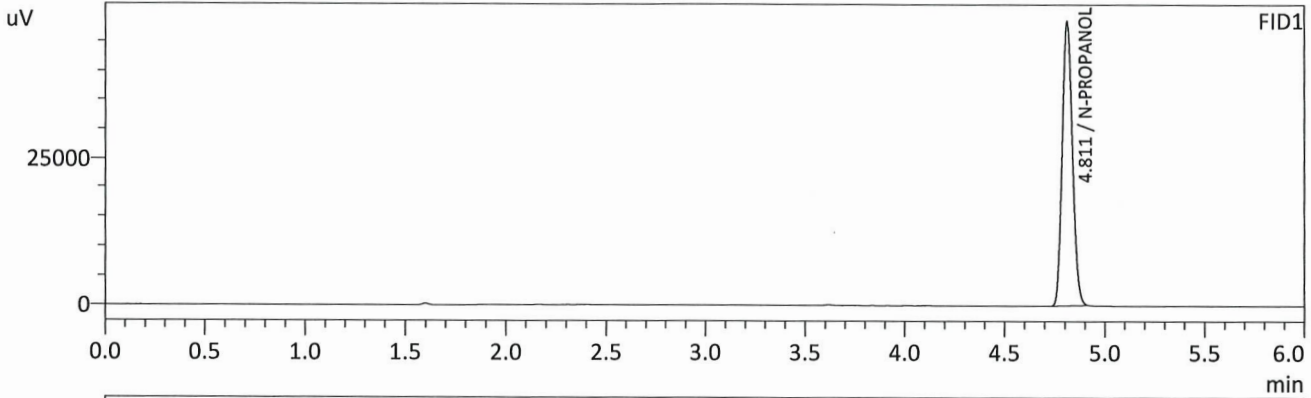
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0899	g/100cc	36426	15009
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163352	46005
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0959	g/100cc	37004	17779
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	162418	60782
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 64
 Data Filename : INT STD BLK 3_122024_064.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010224_RC.gcb
 Date Acquired : 1/3/2024 2:04:28 AM
 Date Processed : 1/3/2024 2:10:29 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_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	171677	48496
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	170308	63717
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials

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	INT STD BLK 1	0:Unknown	ALCOHOL_122823_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_122823_RC.gcm		1
3	INT STD BLK 2	0:Unknown	ALCOHOL_122823_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_122823_RC.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL_122823_RC.gcm		0
* 8	P2023-3770-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
9	P2023-3770-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
* 10	P2023-3771-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
* 11	P2023-3771-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
* 12	P2023-3821-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
13	P2023-3821-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
* 14	P2023-3832-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
15	P2023-3832-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
16	P2023-3833-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
17	P2023-3833-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
18	P2023-3833-2	0:Unknown	ALCOHOL_122823_RC.gcm		0
19	P2023-3833-2-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
20	P2023-3834-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
21	P2023-3834-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
22	P2023-3837-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
23	P2023-3837-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
24	P2023-3838-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
25	P2023-3838-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
28	P2023-3838-2	0:Unknown	ALCOHOL_122823_RC.gcm		0
29	P2023-3838-2-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
30	P2023-3839-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
31	P2023-3839-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
32	P2023-3850-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
33	P2023-3850-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
34	P2023-3860-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
35	P2023-3860-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
36	P2023-3861-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
37	P2023-3861-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
38	P2023-3868-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
39	P2023-3868-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
40	P2023-3880-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
41	P2023-3880-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
42	P2023-3886-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
43	P2023-3886-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
44	P2023-3887-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
45	P2023-3887-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
46	P2023-3892-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
47	P2023-3892-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
48	QC1-2	0:Unknown	ALCOHOL_122823_RC.gcm		0
49	QC1-2-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
50	P2023-3915-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
51	P2023-3915-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
52	P2023-3922-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
53	P2023-3922-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
54	P2023-3929-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
55	P2023-3929-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
56	P2023-3930-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
57	P2023-3930-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
58	P2023-3943-1	0:Unknown	ALCOHOL_122823_RC.gcm		0

* From Worklist 6622

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
59	P2023-3943-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
60	M2023-5482-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
61	M2023-5482-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
62	QC1-3	0:Unknown	ALCOHOL_122823_RC.gcm		0
63	QC1-3-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
64	INT STD BLK 3	0:Unknown	ALCOHOL_122823_RC.gcm		0

RC