















Worklist: 6635

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
P2023-3953	1	BCK	Alcohol Analysis	
P2023-3954	1	BCK	Alcohol Analysis	
P2023-3960	1	BCK	Alcohol Analysis	
P2023-3961	1	BCK	Alcohol Analysis	
P2023-3964	1	BCK	Alcohol Analysis	
P2023-3966	1	BCK	Alcohol Analysis	
P2023-3968	1	BCK	Alcohol Analysis	
P2023-4002	1	BCK	Alcohol Analysis	
P2023-4006	1	BCK	Alcohol Analysis	
P2023-4009	1	BCK	Alcohol Analysis	
P2023-4015	1	BCK	Alcohol Analysis	
P2023-4016	1	BCK	Alcohol Analysis	
P2023-4017	1	BCK	Alcohol Analysis	
P2023-4019	1	BLOOD	Alcohol Analysis	
P2023-4029	2	BCK	Alcohol Analysis	
P2023-4031	1	BCK	Alcohol Analysis	
P2023-4039	1	BCK	Alcohol Analysis	

Also ran P2023-3868 and P2023-3915 from Worklist6631 with this batch.

REVIEWED
 By Jeremy Johnston at 3:30 pm, Jan 08, 2024



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): 01/05/2024

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

Worklist #: 6635

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0800 g/100cc	
					0.0863 g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.1975 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	0.079 g/100cc



Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #:	6635	Run Date(s):	01/05/2024
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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	149713	145455
0.080	149061	144647
QC1	150344	144963
QC1	150359	145951
QC1	150871	152580
QC1	158161	159561
QC1		
QC1		
QC2	148051	149344
QC2	147359	148634
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	150489.9	120391.9	180587.9
Column 2	148891.9	119113.5	178670.3

Revision: 5

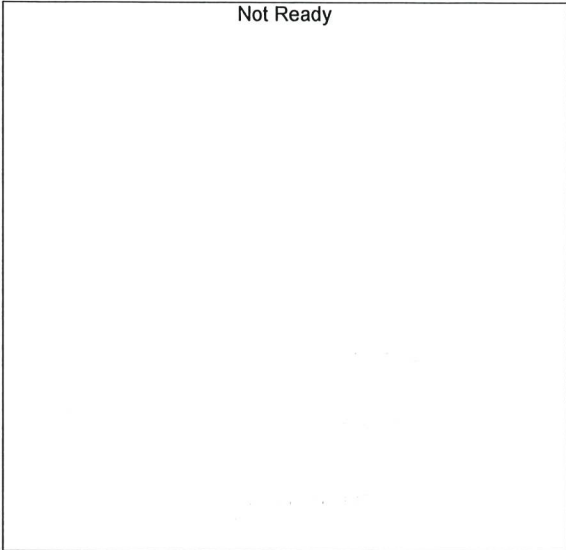
Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Calibration Table

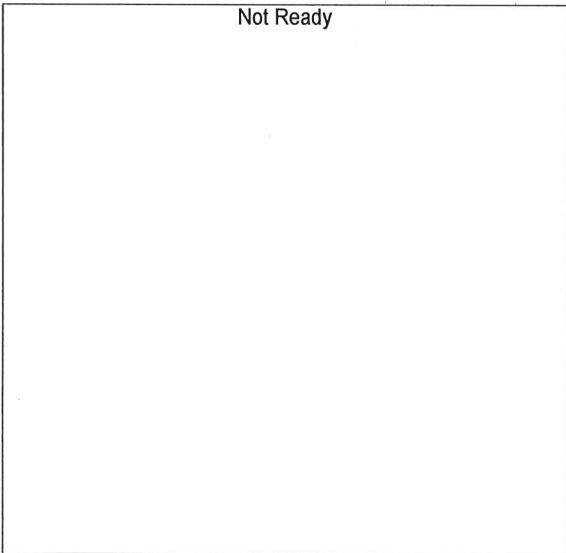
Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

```
<<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
```



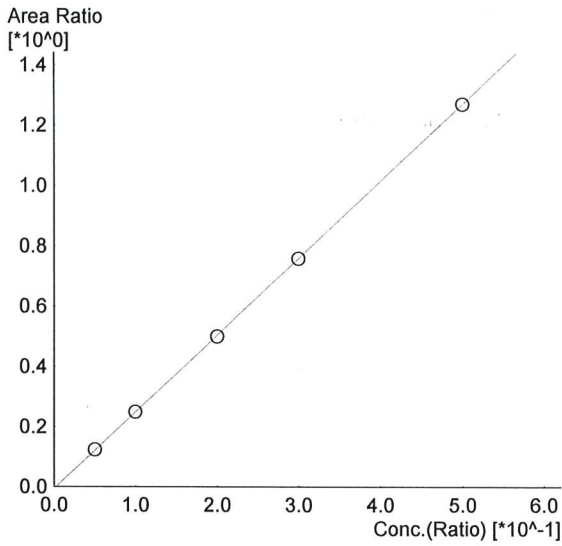
Name : METHANOL
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

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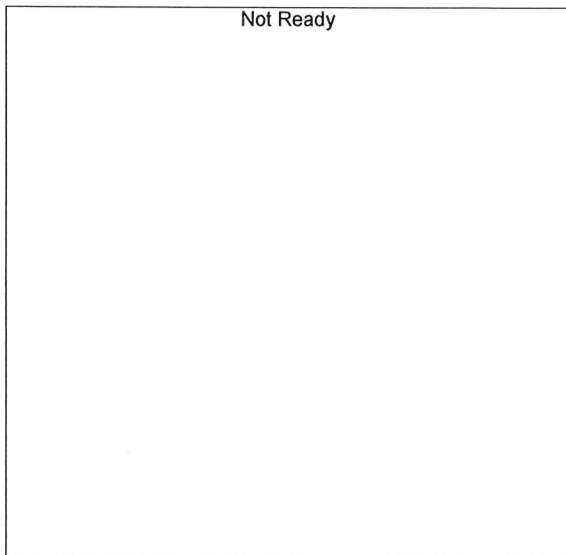
Name : ACETALDEHYDE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R^2 value= 0
 FitType: Linear
 ZeroThrough: Not Through

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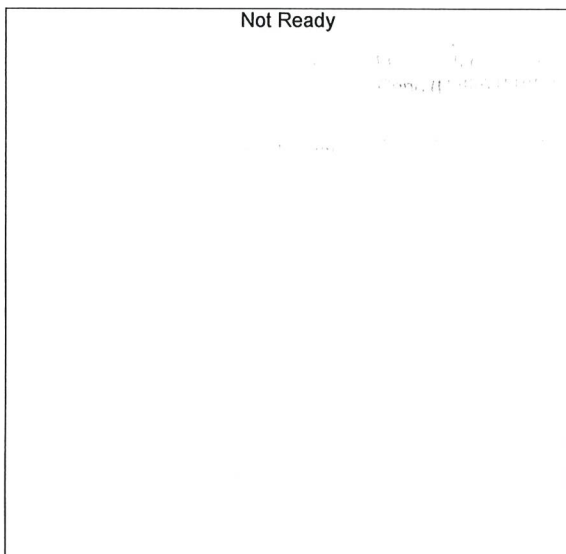
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=2.55008 \cdot x - 0.00627819$
 R² value= 0.9999749 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	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 : $f(x)=0 \cdot x + 0$
 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 : $f(x)=0 \cdot x + 0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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

Name : DFE
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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Not Ready

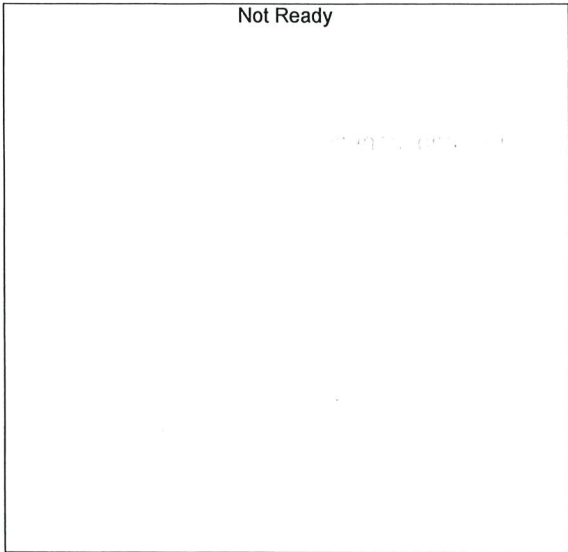
Name : TFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

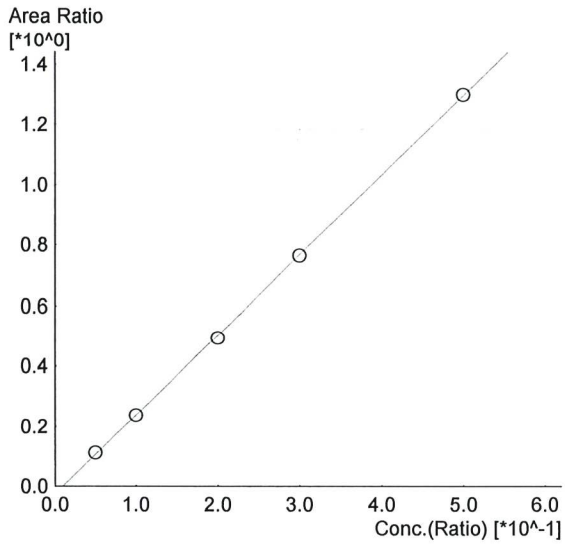
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

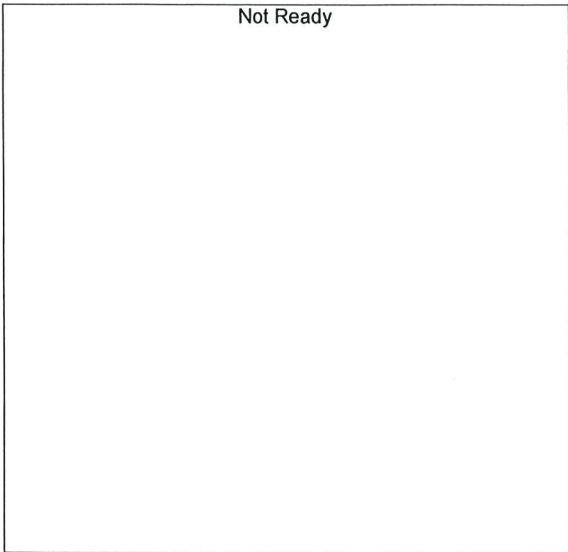
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15848	0.0525	0.050_12282023_001.gcd
2	0.100	33586	0.0999	0.100_12282023_002.gcd
3	0.200	70431	0.1968	0.200_12282023_003.gcd
4	0.300	108904	0.2991	0.300_12282023_004.gcd
5	0.500	192218	0.5015	0.500_12282023_005.gcd



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

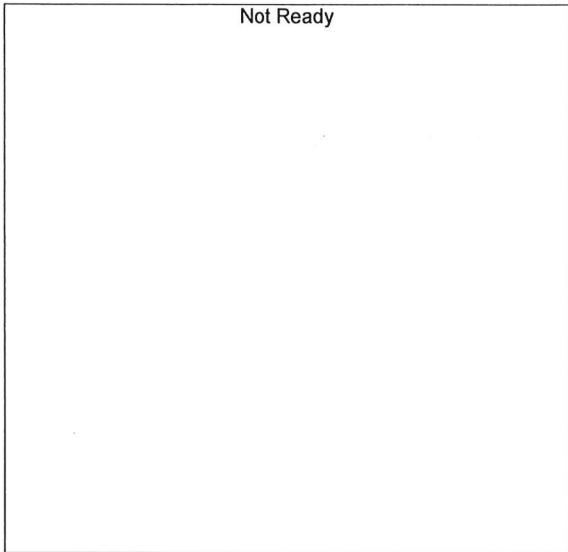
#	Conc.	Area	Std. Conc.	Data File Name
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RC



Name : ISOPROPYL ALCOHOL
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

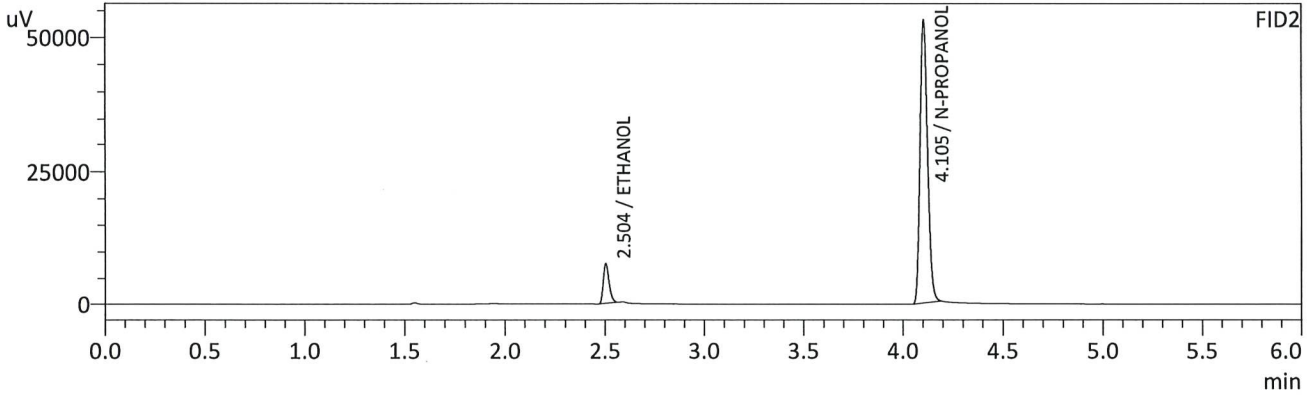
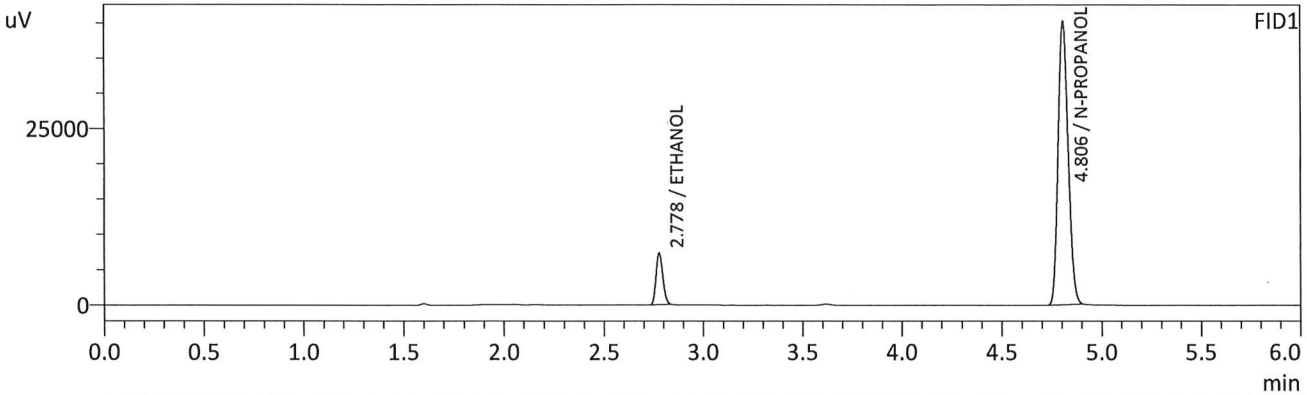
#	Conc.	Area	Std. Conc.	Data File Name
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Name : TFE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

#	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

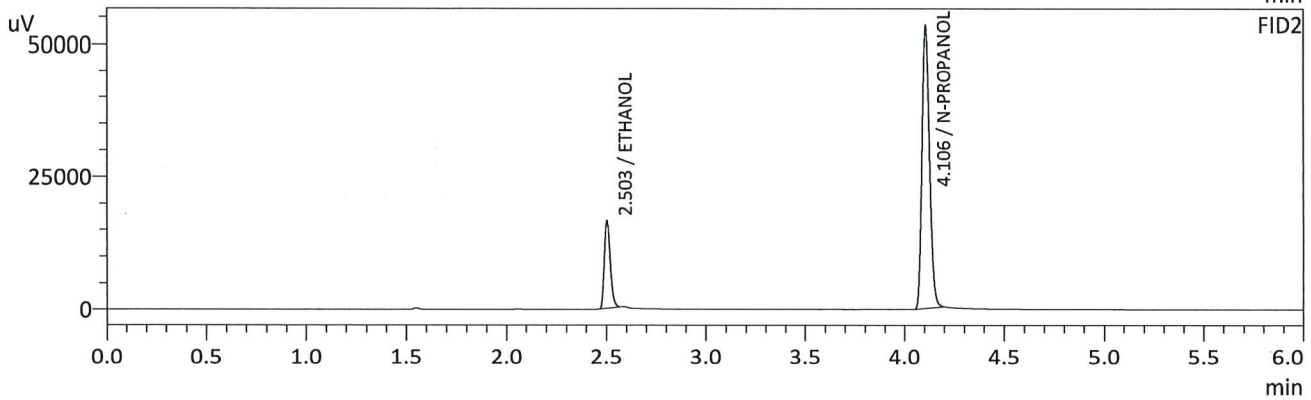
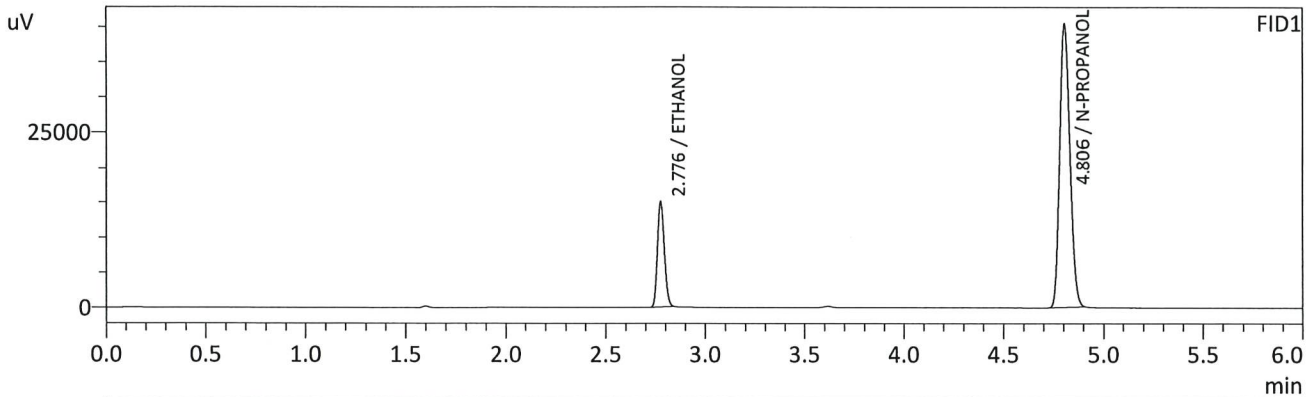
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0506	g/100cc	17432	7297
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	141750	40159
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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

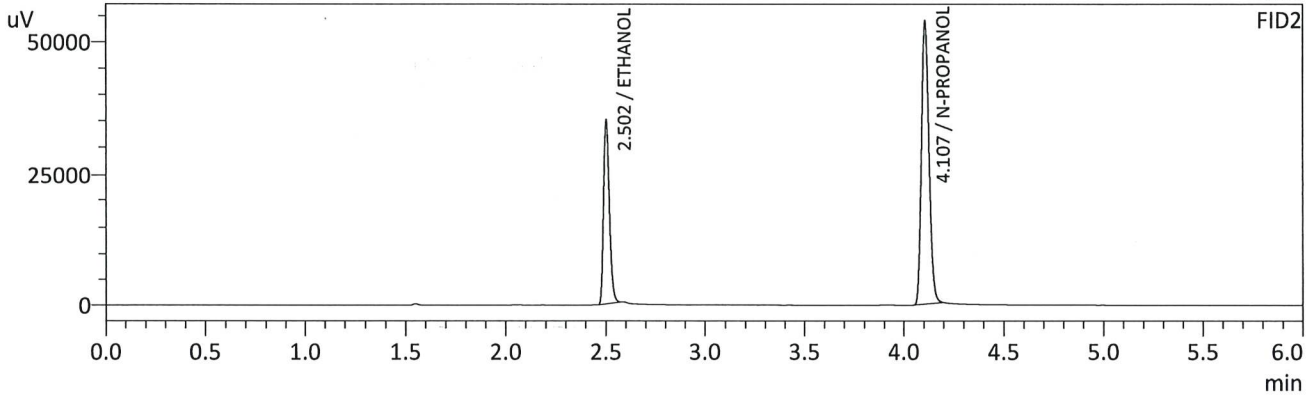
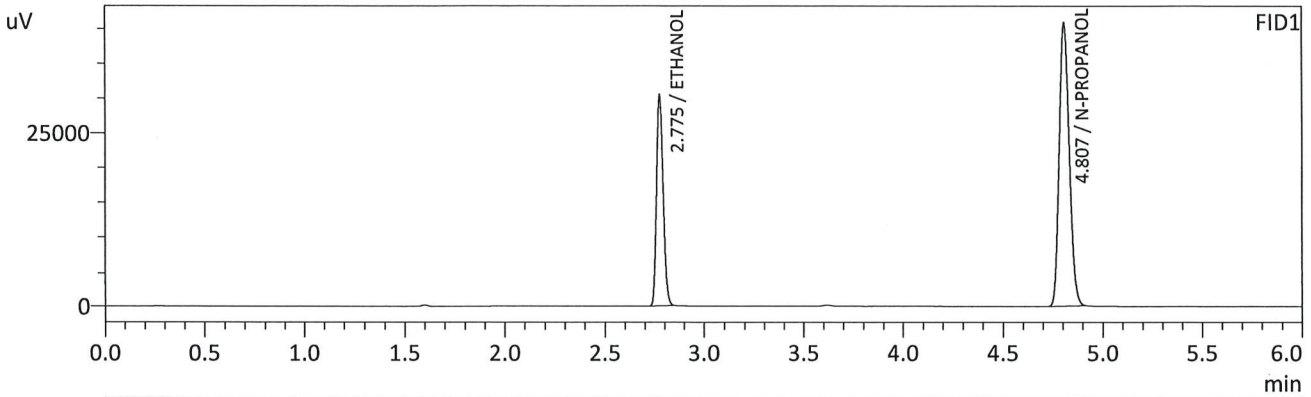
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	35522	14905
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	142372	40281
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	--	--

Handwritten signature/initials in blue ink.

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

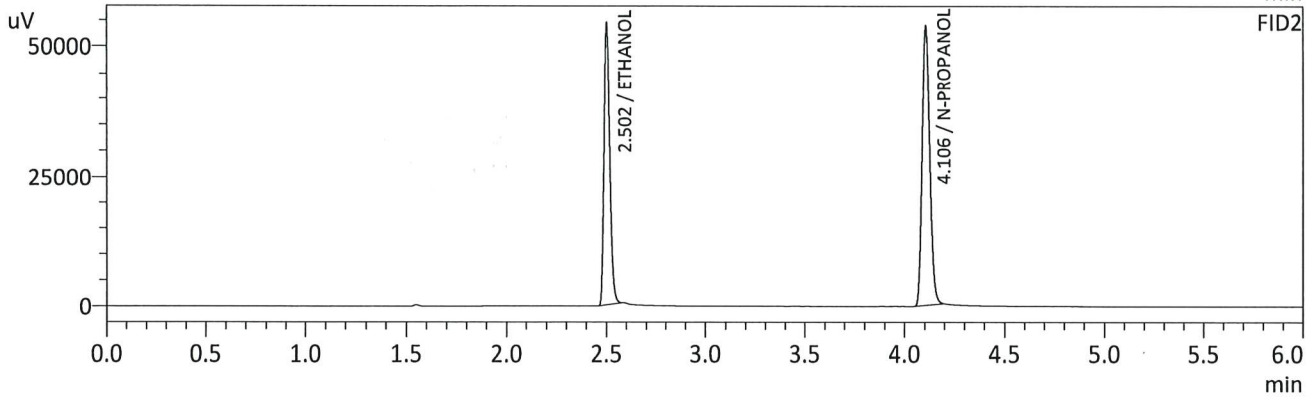
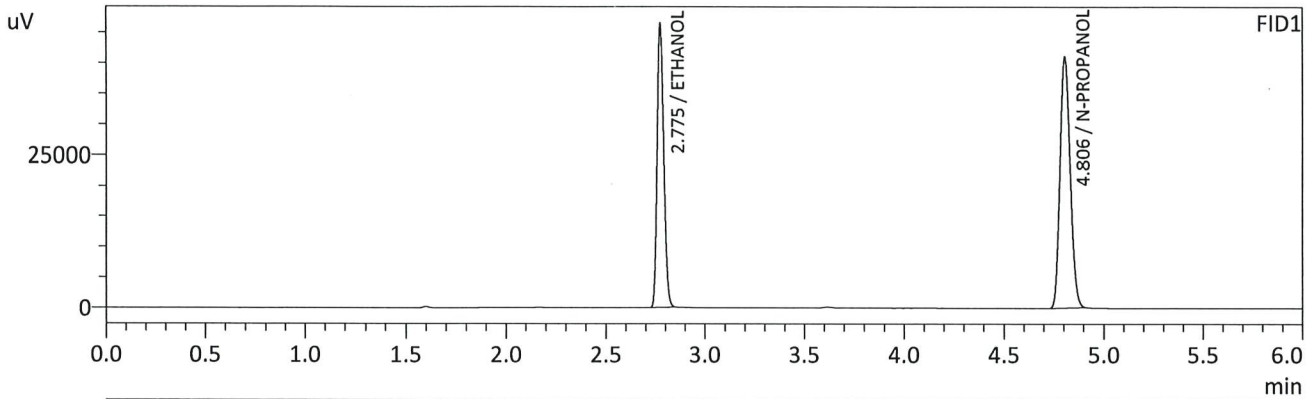
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1984	g/100cc	71976	30383
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144031	40686
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	--	--

Handwritten signature/initials in blue ink.

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

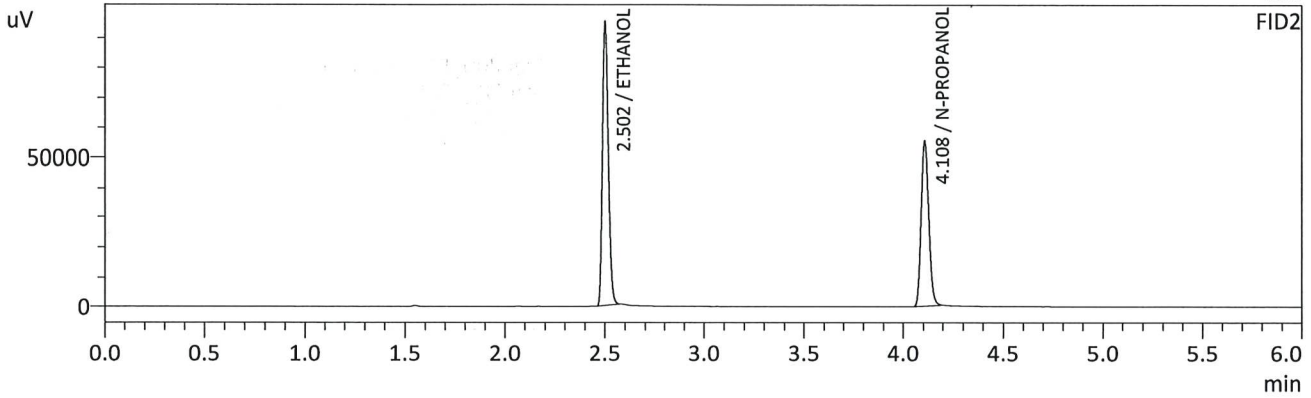
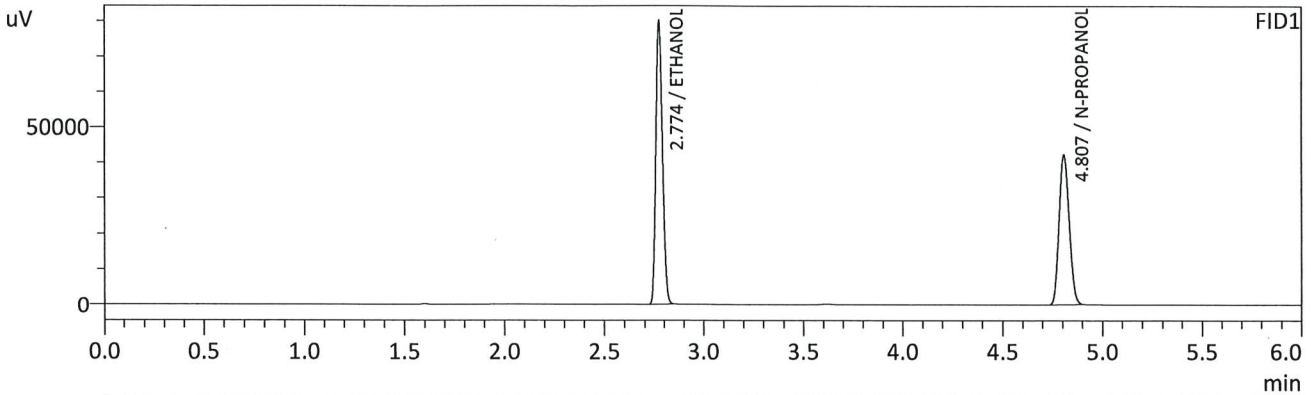
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.3002	g/100cc	109621	46313
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144373	40913
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	--	--

JRC

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

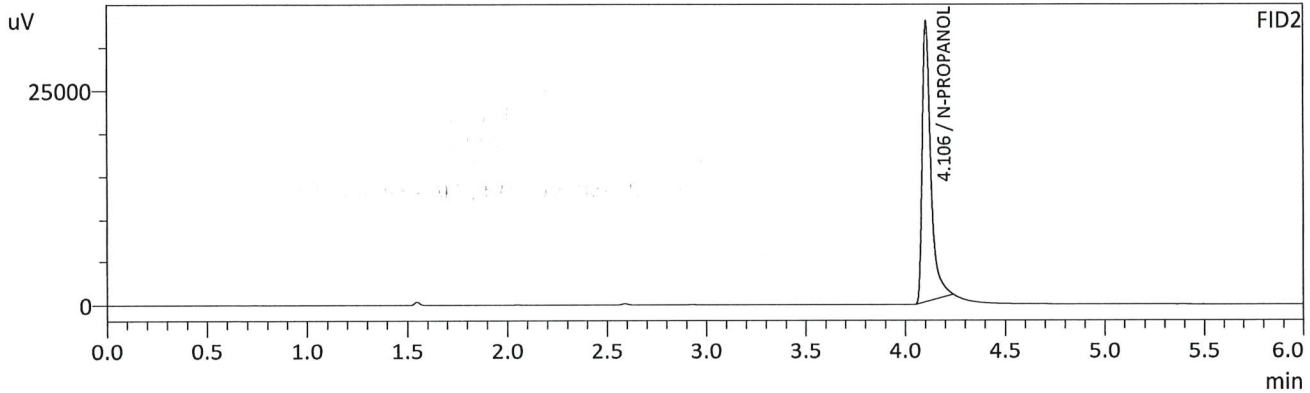
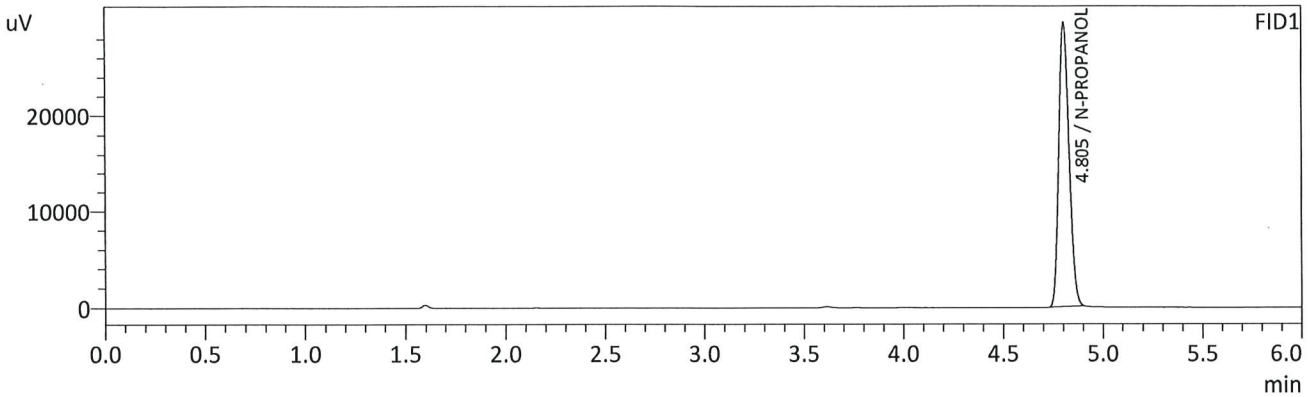
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5003	g/100cc	190290	79915
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	149869	42116
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	--	--

JRC

Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_152024_001.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 2:22:06 PM
 Date Processed : 1/5/2024 2:28:08 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

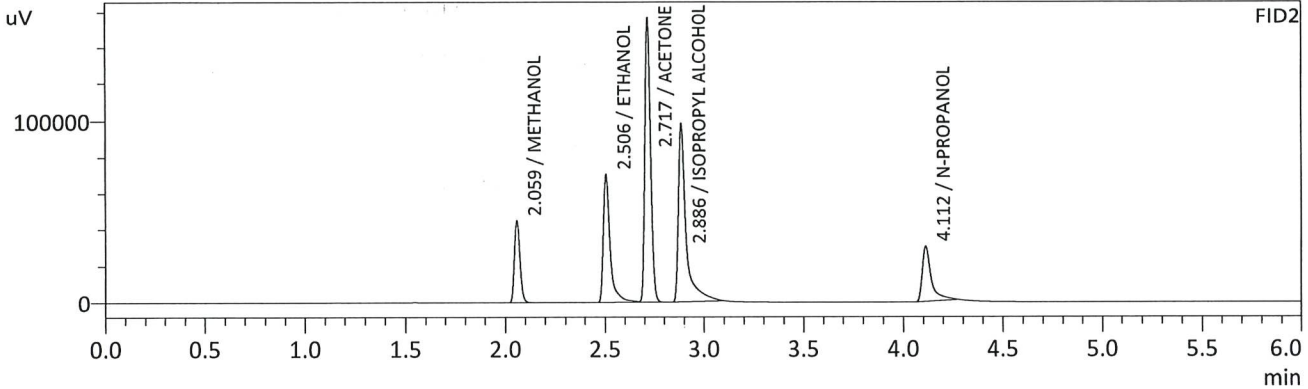
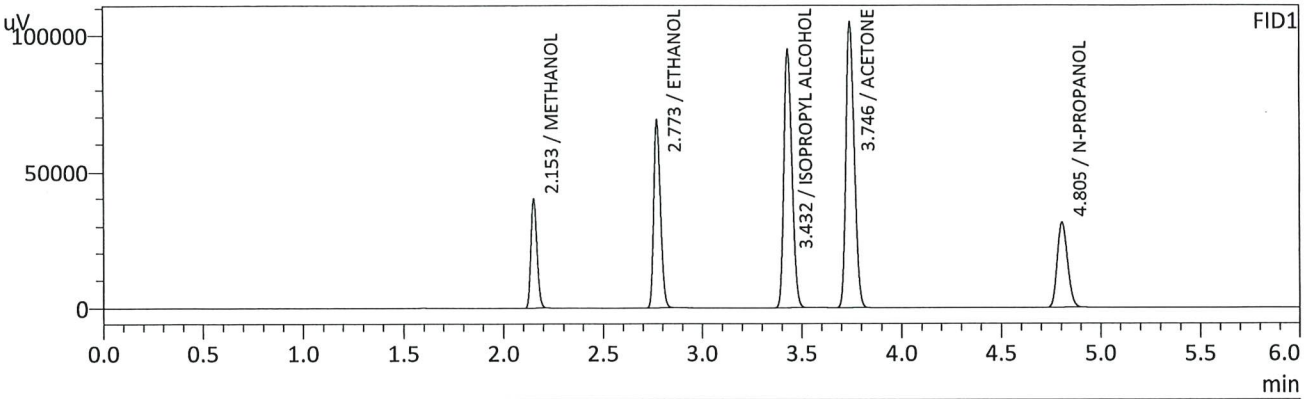
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	105115	29594
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	97382	32638
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JAC

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_152024_002.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 2:31:37 PM
 Date Processed : 1/5/2024 2:37:38 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

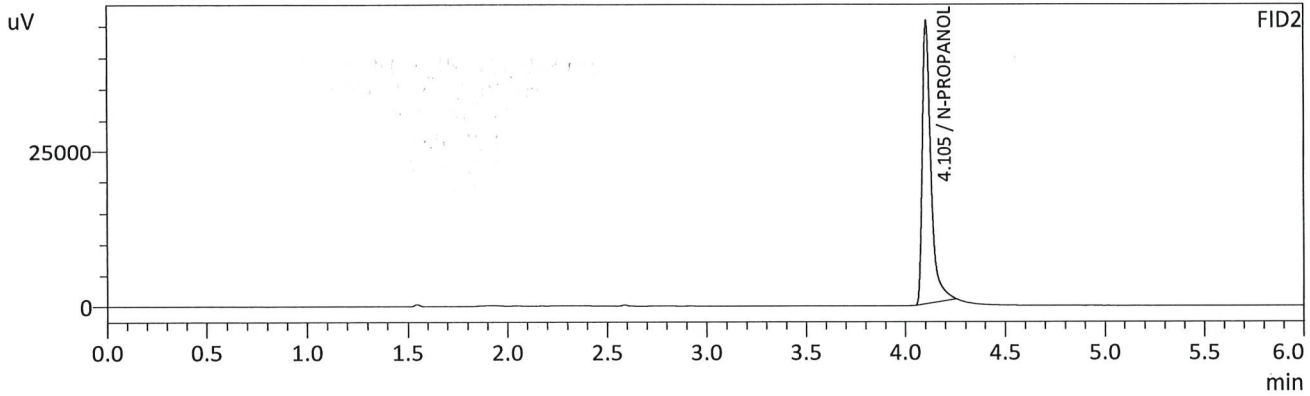
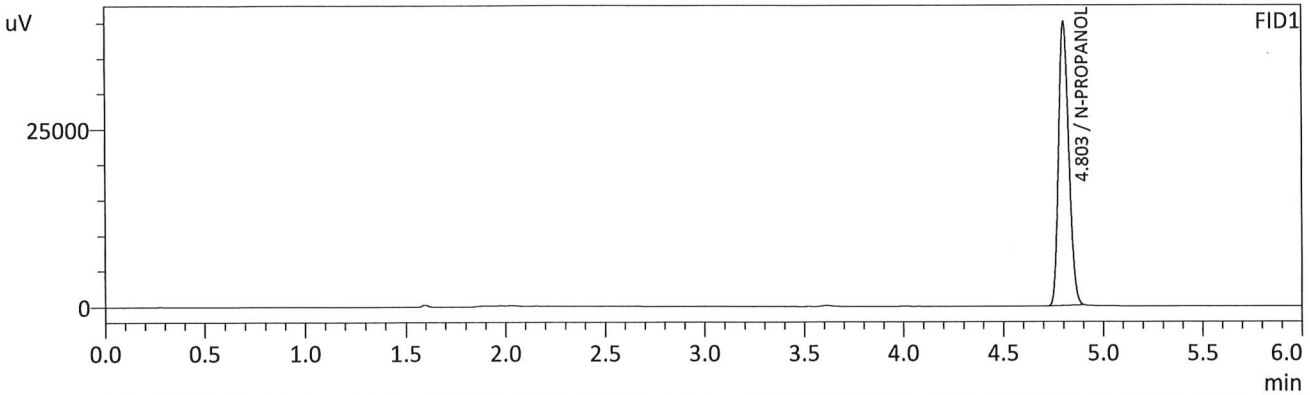
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	84118	39522
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5794	g/100cc	161966	67970
ISOPROPYL ALCOHOL	0.0000	g/100cc	265611	94429
ACETONE	0.0000	g/100cc	301982	104691
N-PROPANOL	0.0000	g/100cc	110086	31263
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	87500	44356
ETHANOL	0.6601	g/100cc	165581	69296
ACETONE	0.0000	g/100cc	316851	154153
ISOPROPYL ALCOHOL	0.0000	g/100cc	263454	97876
N-PROPANOL	0.0000	g/100cc	96346	29856
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

ARC

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_152024_003.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 2:40:57 PM
 Date Processed : 1/5/2024 2:46:58 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	141648	39906
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	134865	45393
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JAC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 1/5/2024 2:50:41 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0784	0.0025	0.0796	0.0008	0.0800
(g/100cc)	0.0809	0.0799	0.0010	0.0804		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

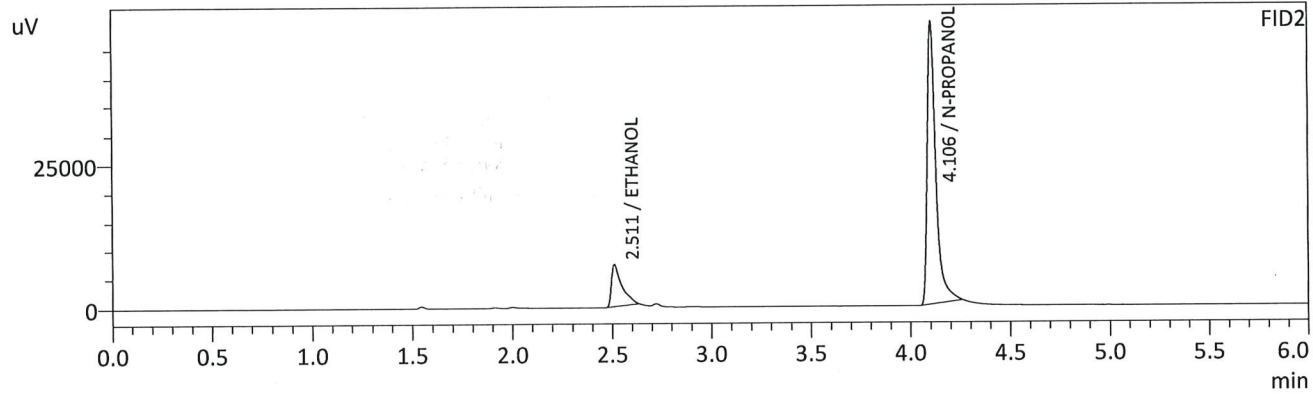
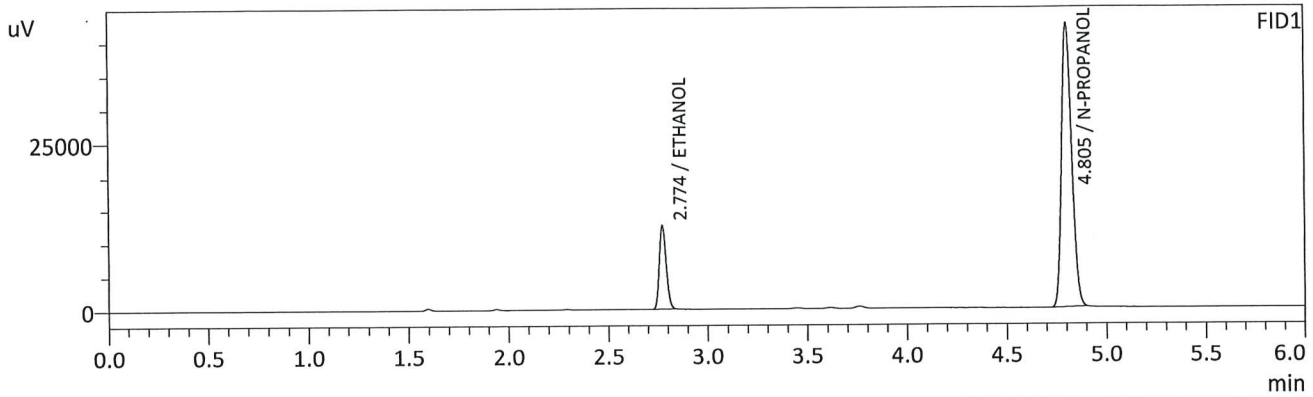
Refer To Instrument Method: ALCOHOL_122823_RC.gcm

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

	Reported Results
	0.080

Calibration and control data are stored centrally.

Sample Name : QC1-1
 Vial # : 4
 Data Filename : QC1-1_152024_004.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 2:50:41 PM
 Date Processed : 1/5/2024 2:56:43 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



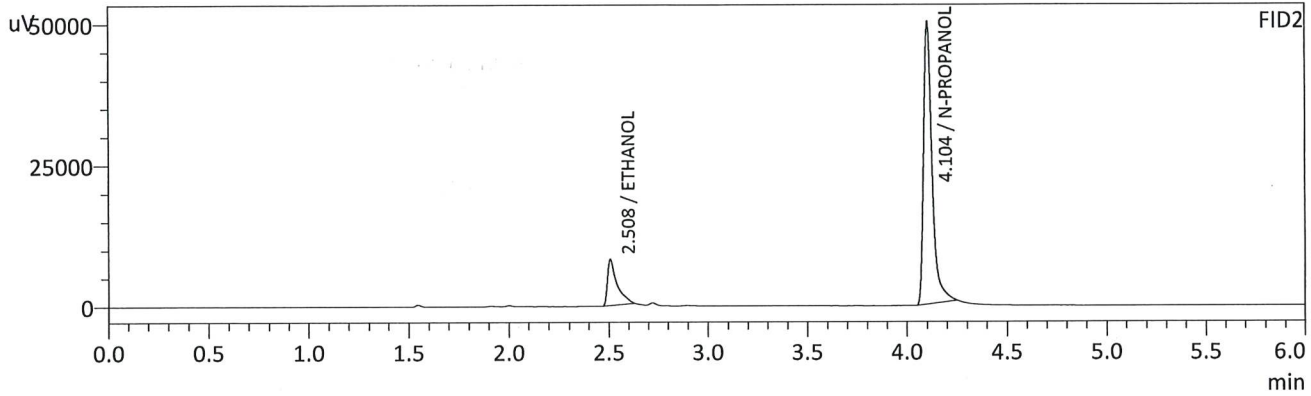
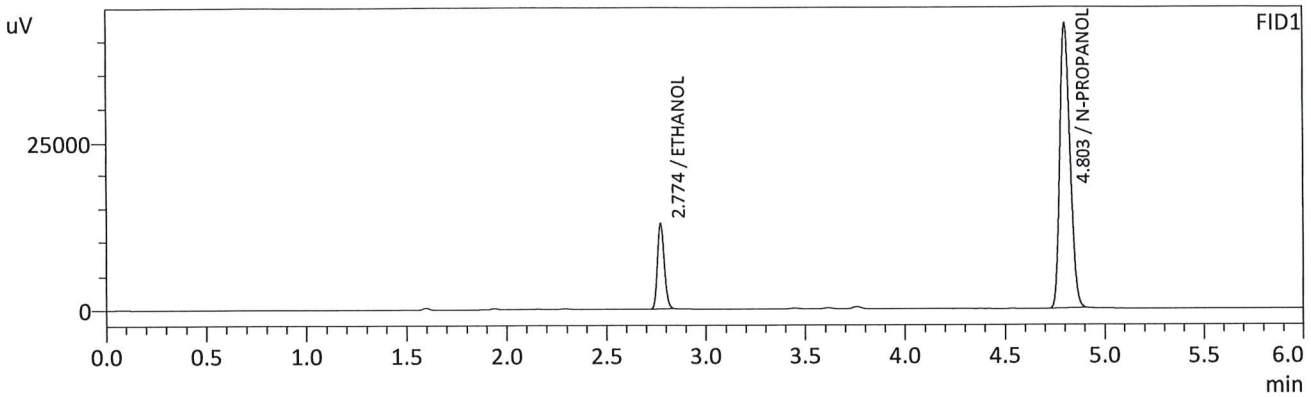
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0809	g/100cc	30096	12483
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	150344	42419
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0784	g/100cc	26314	7074
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144963	48860
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_152024_005.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 3:00:14 PM
 Date Processed : 1/5/2024 3:06:15 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0809	g/100cc	30082	12461
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	150359	42336
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0799	g/100cc	27089	8183
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	145951	49908
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

ERC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA		Analysis Date(s): 1/5/2024 3:09:32 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0796	0.0791	0.0005	0.0793	0.0008	0.0797
(g/100cc)	0.0797	0.0805	0.0008	0.0801		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

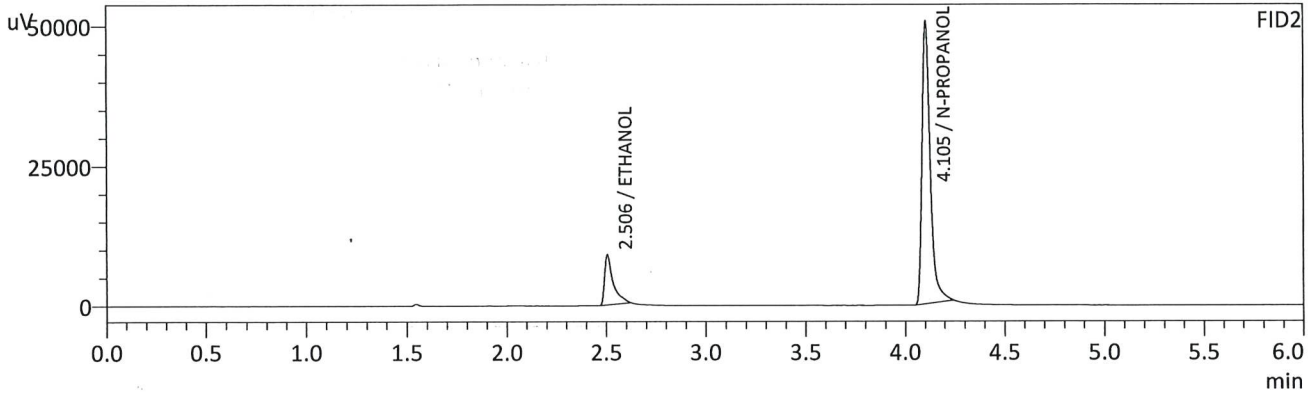
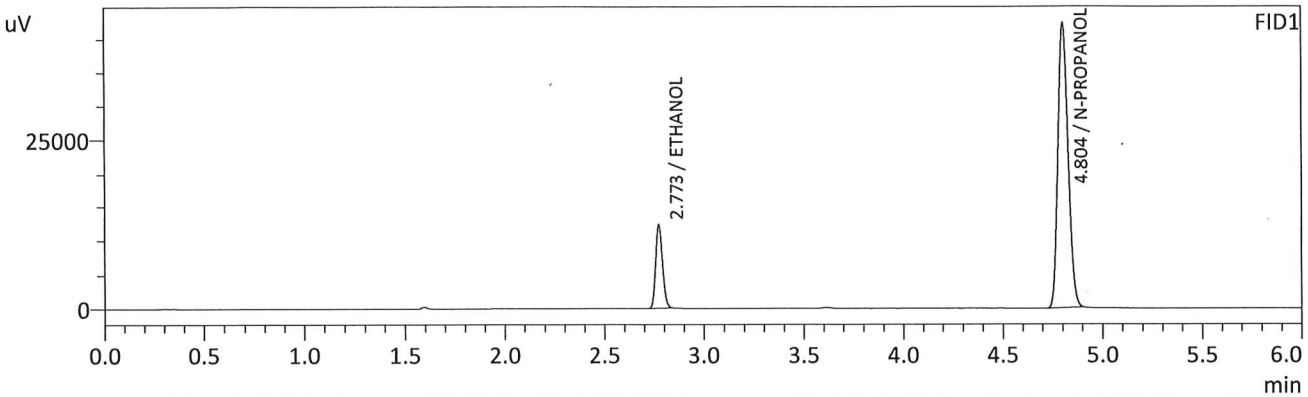
Refer To Instrument Method: ALCOHOL_122823_RC.gcm

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

	Reported Results
	0.079

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_152024_006.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 3:09:32 PM
 Date Processed : 1/5/2024 3:15:34 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

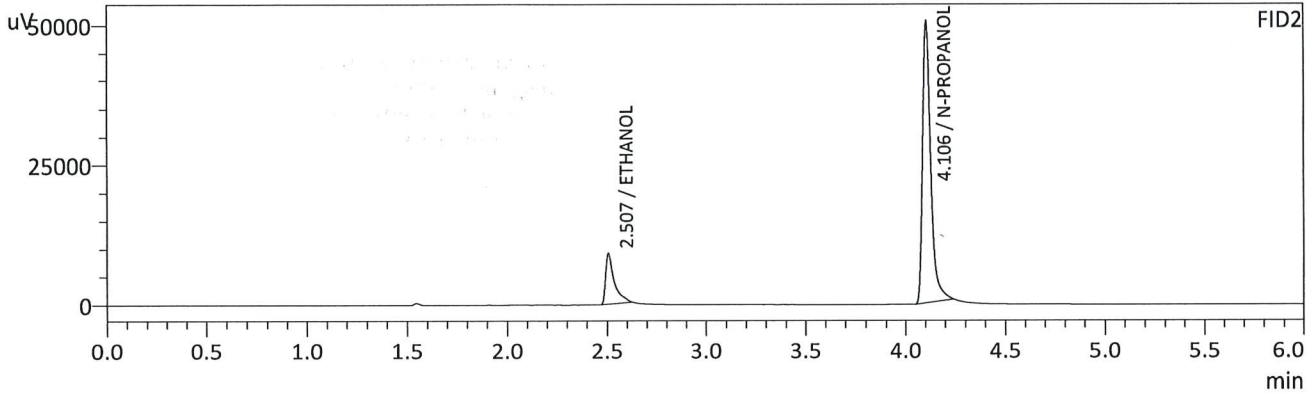
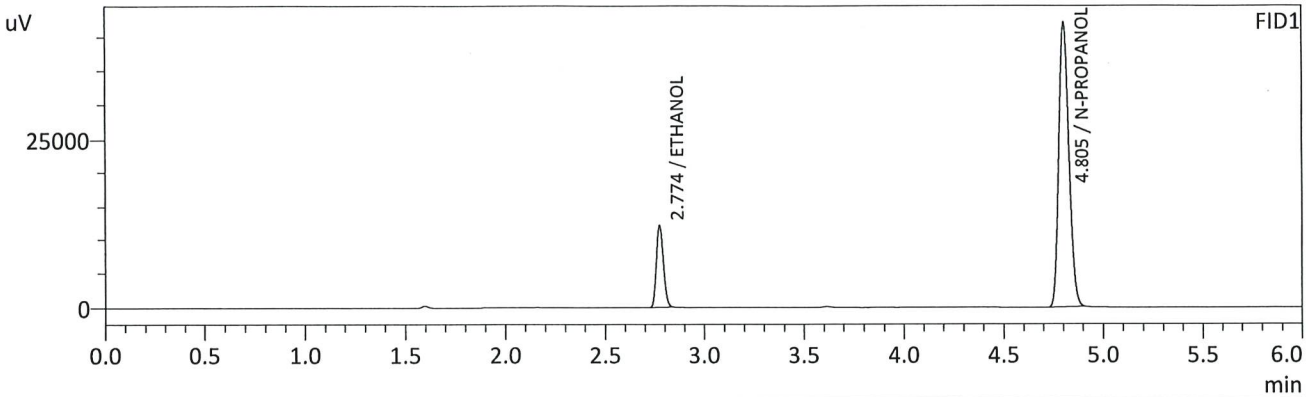
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0796	g/100cc	29486	12190
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	149713	42237
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0791	g/100cc	26682	8900
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	145455	50491
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CAC

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_152024_007.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 3:19:16 PM
 Date Processed : 1/5/2024 3:25:18 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0797	g/100cc	29395	12204
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	149061	42077
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0805	g/100cc	27046	9033
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	144647	50319
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CAC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 1/5/2024 6:20:16 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1980	0.1964	0.0016	0.1972	0.0006	0.1975
(g/100cc)	0.1986	0.1970	0.0016	0.1978		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

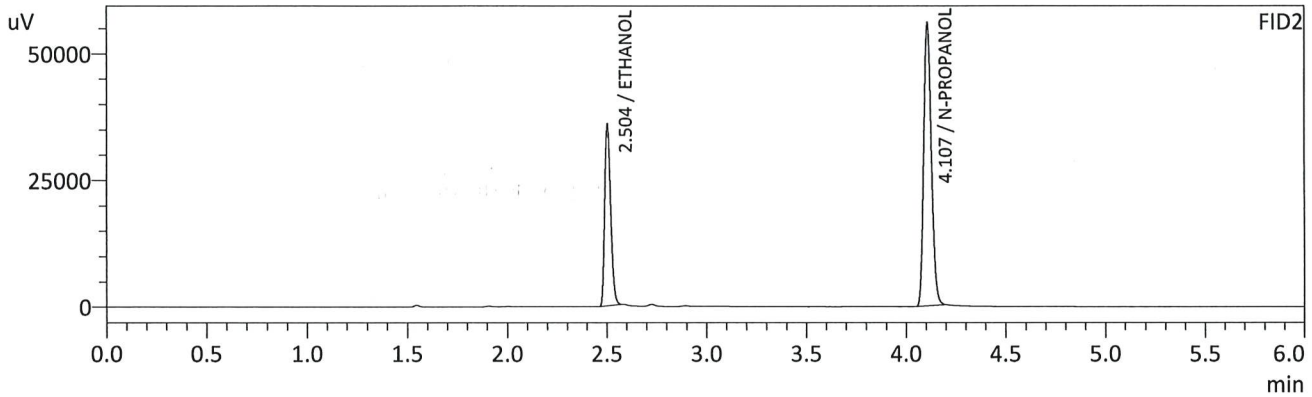
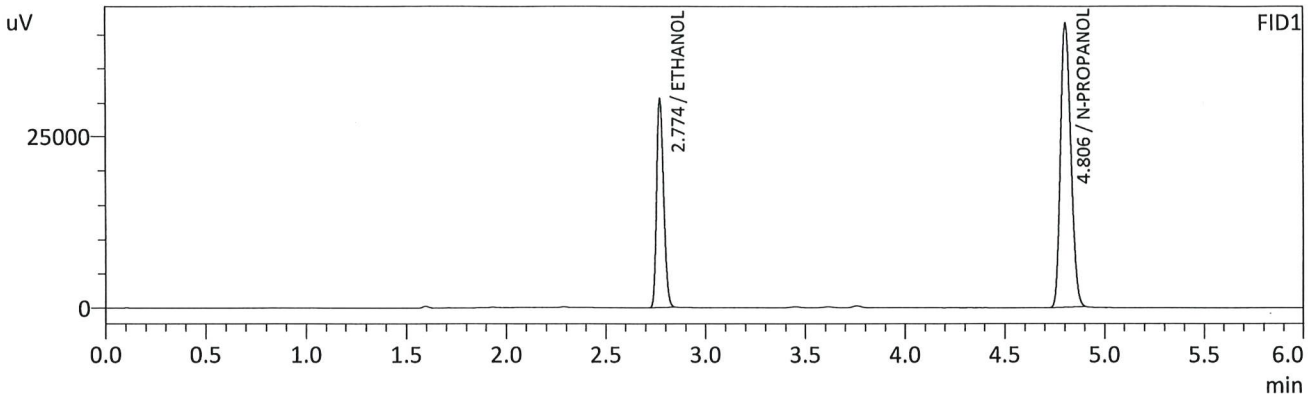
Refer To Instrument Method: ALCOHOL_122823_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.197	0.187	0.207	0.010

	Reported Results
	0.197

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_152024_026.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 6:20:16 PM
 Date Processed : 1/5/2024 6:26:18 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

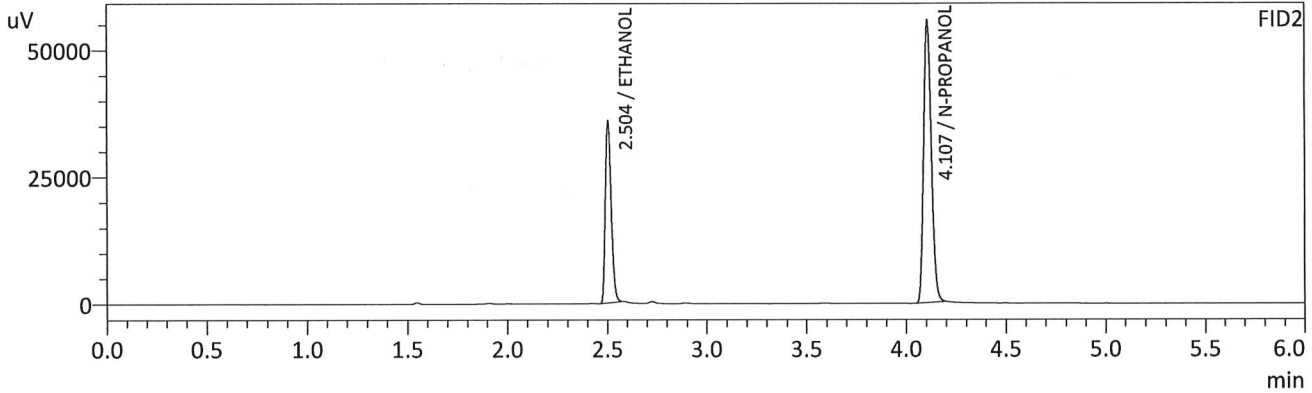
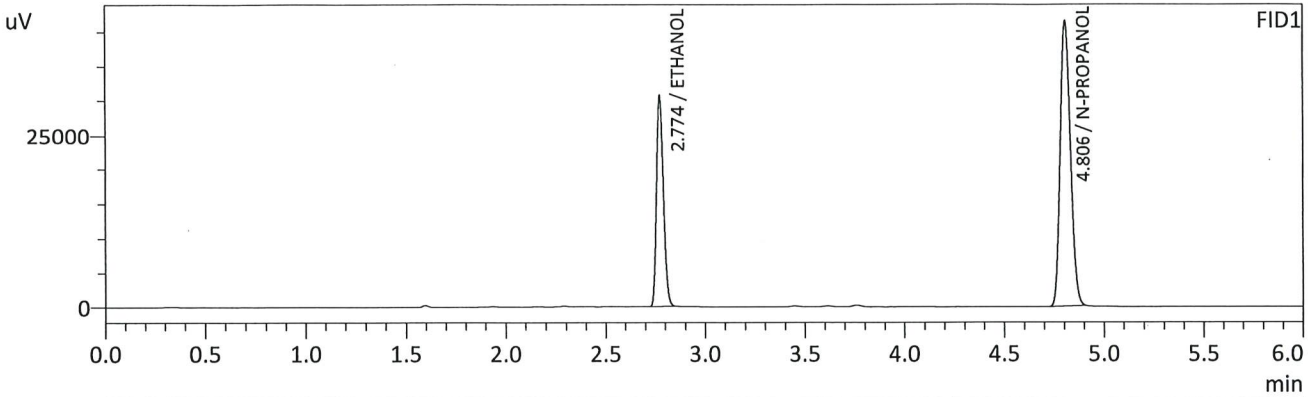
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1980	g/100cc	73860	30582
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	148051	41667
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1964	g/100cc	73693	35800
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	149344	55474
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature in blue ink.

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_152024_027.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 6:29:33 PM
 Date Processed : 1/5/2024 6:35:34 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1986	g/100cc	73737	30576
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	147359	41460
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1970	g/100cc	73548	35810
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	148634	55221
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

CAC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 1/5/2024 9:49:28 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0842	0.0846	0.0004	0.0844	0.0038	0.0863
(g/100cc)	0.0870	0.0894	0.0024	0.0882		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

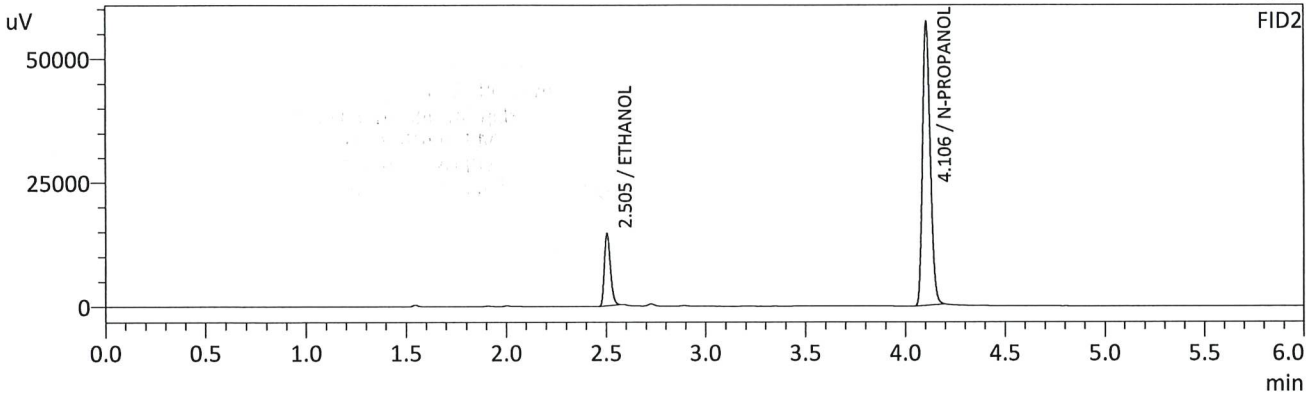
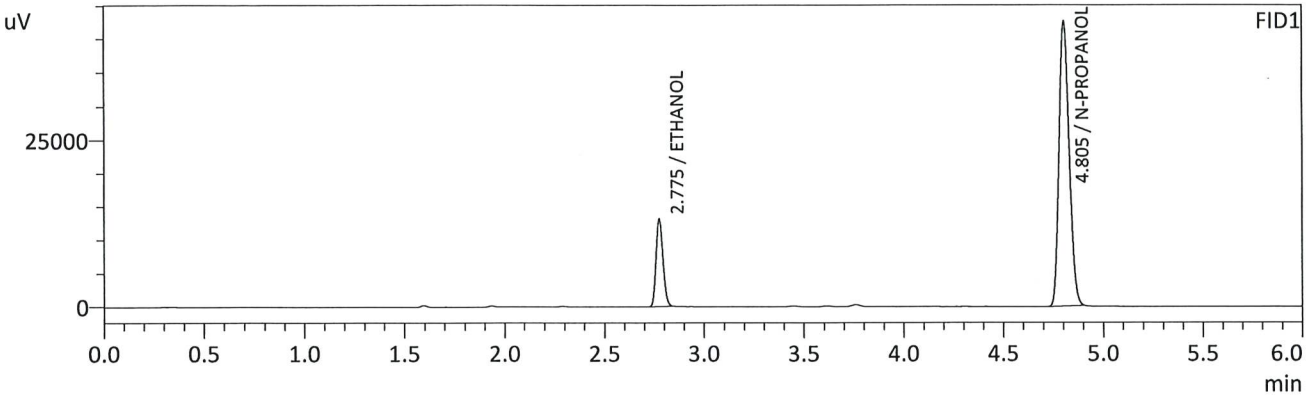
Refer To Instrument Method: ALCOHOL_122823_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.086	0.081	0.091	0.005

	Reported Results
	0.086

Calibration and control data are stored centrally.

Sample Name : QC1-2
 Vial # : 48
 Data Filename : QC1-2_152024_048.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 9:49:28 PM
 Date Processed : 1/5/2024 9:55:30 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

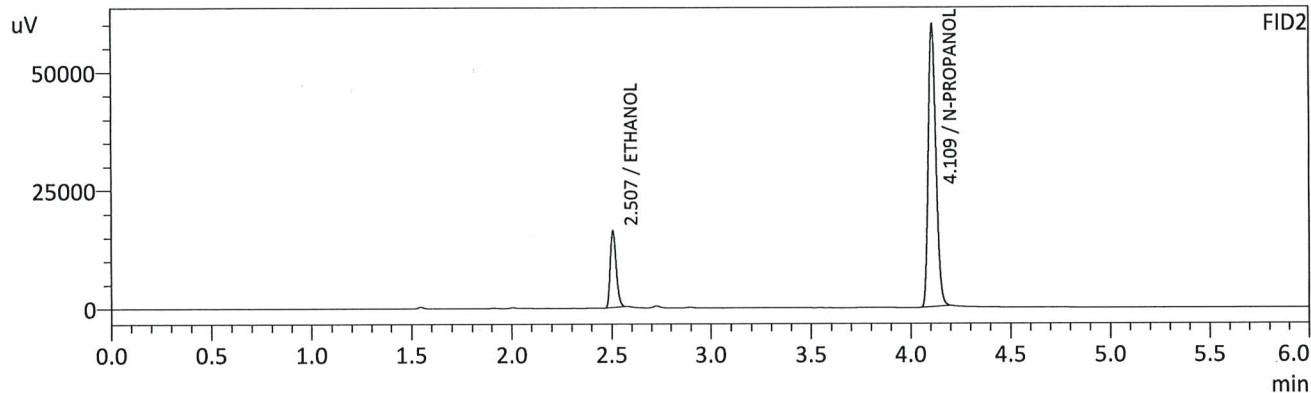
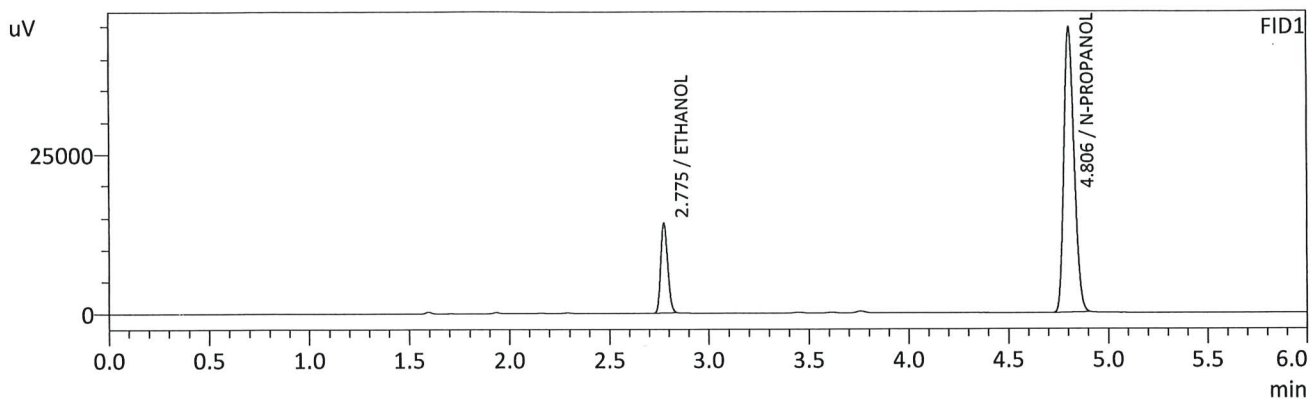
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0842	g/100cc	31479	13005
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	150871	42541
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0846	g/100cc	30193	14515
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	152580	56887
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JAC

Sample Name : QC1-2-B
 Vial # : 49
 Data Filename : QC1-2-B_152024_049.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 9:59:13 PM
 Date Processed : 1/5/2024 10:05:14 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

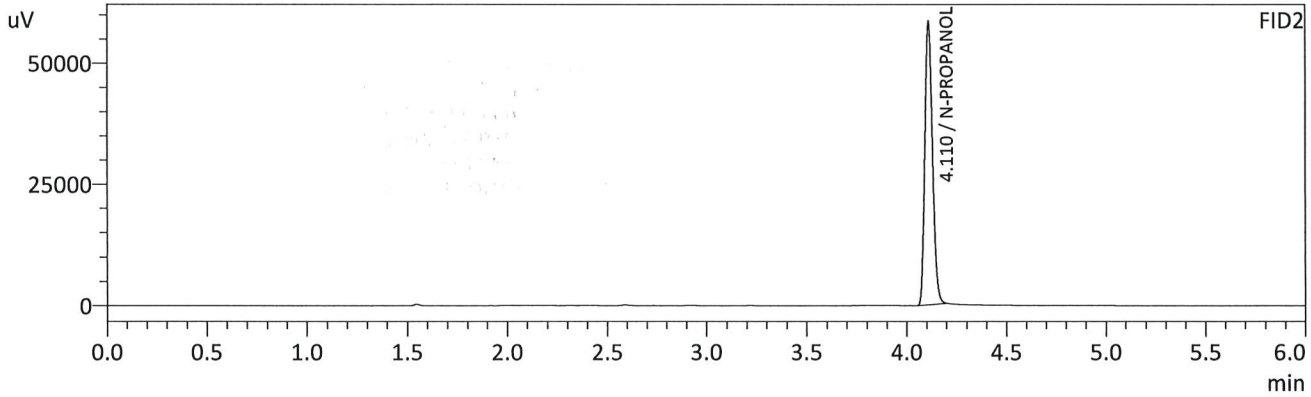
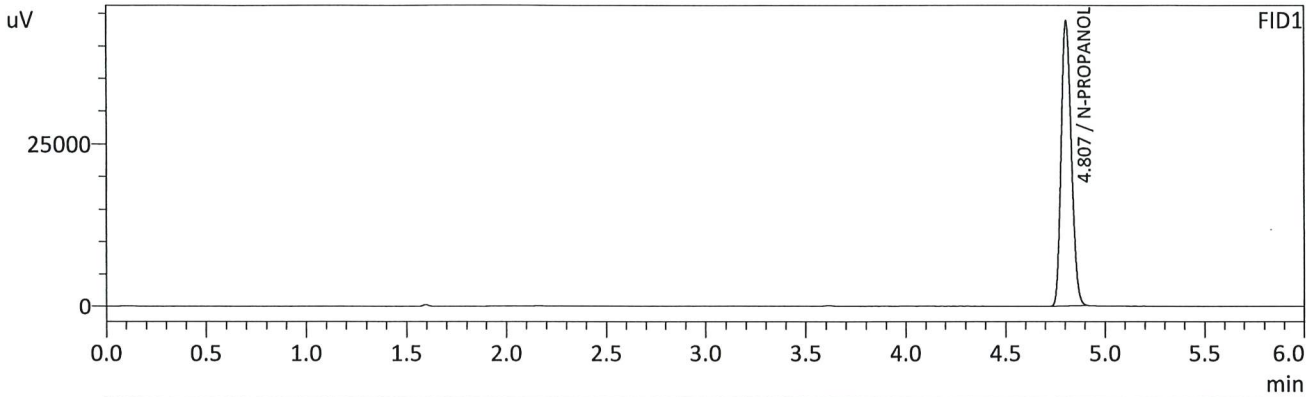
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0870	g/100cc	34136	14080
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	158161	44567
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0894	g/100cc	33602	16035
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	159561	59787
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 50
 Data Filename : INT STD BLK 3_152024_050.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 10:08:43 PM
 Date Processed : 1/5/2024 10:14:45 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_122823_RC.gcm



FID1

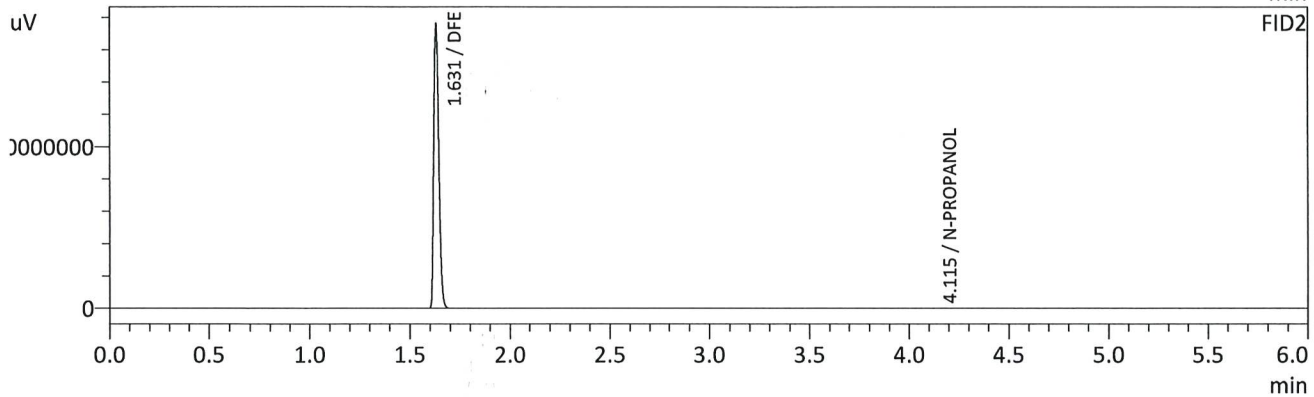
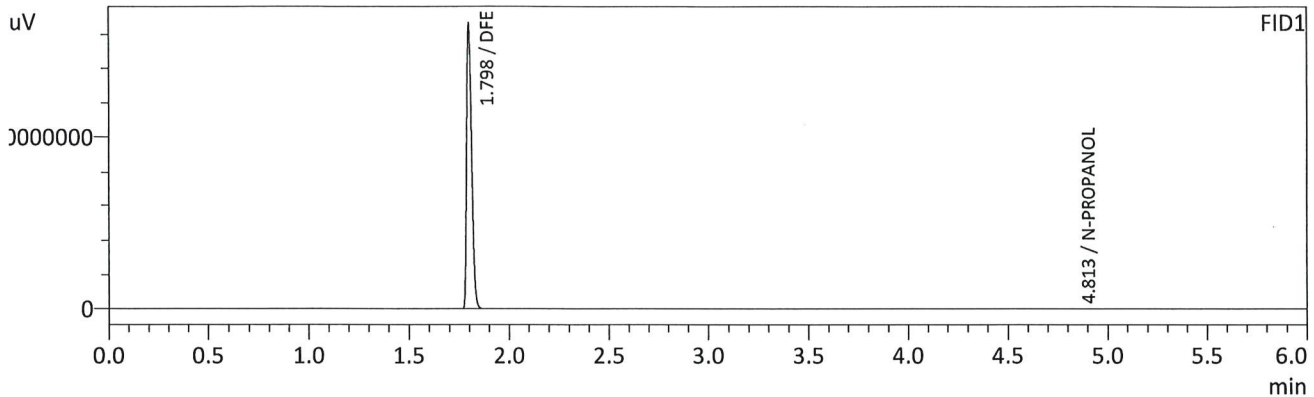
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	155227	43671
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	155816	58478
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : DFE
 Vial # : 51
 Data Filename : DFE_152024_051.gcd
 Method Filename : ALCOHOL_122823_RC.gcm
 Batch Filename : BATCH_010524_RC.gcb
 Date Acquired : 1/5/2024 10:18:00 PM
 Date Processed : 1/5/2024 10:24:01 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	24758	7014
DFE	0.0000	g/100cc	29438844	16504028
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	22113	8189
DFE	0.0000	g/100cc	30027584	17512835
TFE	--	g/100cc	--	--

JRC

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	P2023-3868-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
9	P2023-3868-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
10	P2023-3915-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
11	P2023-3915-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
12	P2023-3953-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
13	P2023-3953-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
14	P2023-3954-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
15	P2023-3954-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
16	P2023-3960-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
17	P2023-3960-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
18	P2023-3961-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
19	P2023-3961-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
20	P2023-3964-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
21	P2023-3964-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
22	P2023-3966-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
23	P2023-3966-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
24	P2023-3968-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
25	P2023-3968-1-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	P2023-4002-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
29	P2023-4002-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
30	P2023-4006-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
31	P2023-4006-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
32	P2023-4009-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
33	P2023-4009-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
34	P2023-4015-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
35	P2023-4015-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
36	P2023-4016-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
37	P2023-4016-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
38	P2023-4017-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
39	P2023-4017-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
40	P2023-4019-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
41	P2023-4019-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
42	P2023-4029-2	0:Unknown	ALCOHOL_122823_RC.gcm		0
43	P2023-4029-2-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
44	P2023-4031-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
45	P2023-4031-1-B	0:Unknown	ALCOHOL_122823_RC.gcm		0
46	P2023-4039-1	0:Unknown	ALCOHOL_122823_RC.gcm		0
47	P2023-4039-1-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	INT STD BLK 3	0:Unknown	ALCOHOL_122823_RC.gcm		0
51	DFE	0:Unknown	ALCOHOL_122823_RC.gcm		0

* From Worklist 6631

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