12/11/2023

Worklist: 6599

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION	
P2023-3573	1	BCK	Alcohol Analysis	
P2023-3618	1	BCK	Alcohol Analysis	
P2023-3635	2	BCK	Alcohol Analysis	
P2023-3647	1	BCK	Alcohol Analysis	
P2023-3648	1	BCK	Alcohol Analysis	
P2023-3649	1	BCK	Alcohol Analysis	
P2023-3656	1	BCK	Alcohol Analysis	
P2023-3657	1	BCK	Alcohol Analysis	
P2023-3660	1	BCK	Alcohol Analysis	
P2023-3669	1	BCK	Alcohol Analysis	
P2023-3671	1	BCK	Alcohol Analysis	
P2023-3698	1	BCK	Alcohol Analysis	
P2023-3698	2	BCK	Alcohol Analysis	
P2023-3714	1	BCK	Alcohol Analysis	
P2023-3715	1	BCK	Alcohol Analysis	
P2023-3716	1	BCK	Alcohol Analysis	
P2023-3717	1	BCK	Alcohol Analysis	
P2023-3718	1	BCK	Alcohol Analysis	
P2023-3719	1	BCK	Alcohol Analysis	
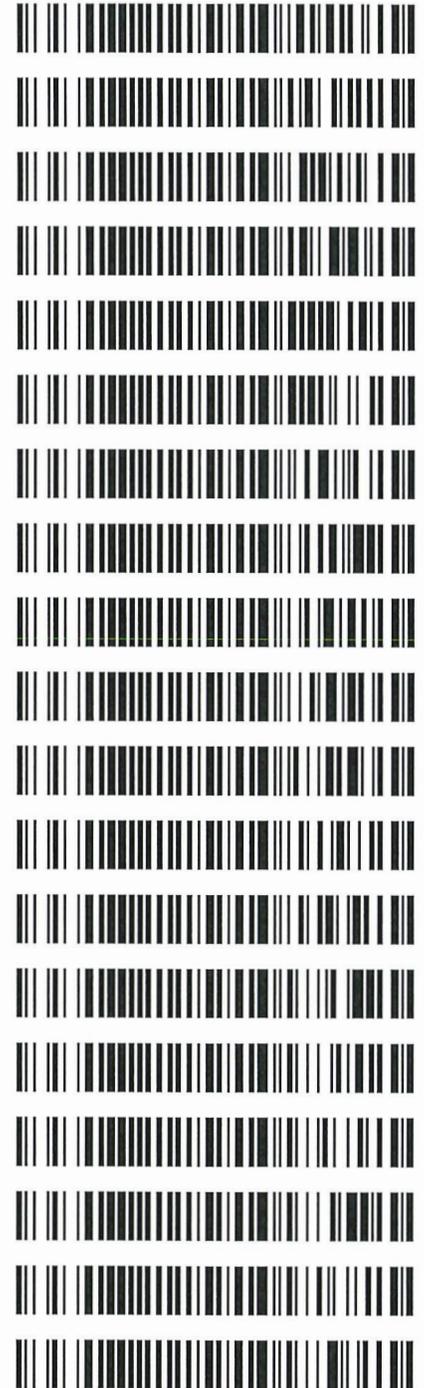
Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls

Run Date(s): **12/8/23**

Calibration Date: *(if different)* : **11/30/23**

Worklist #: **6599**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Oct-26	2209047	0.0877	0.0789-0.0964	0.0807	g/100cc
					0.0916	g/100cc
						g/100cc
Level 2	Mar-26	2110181	0.2030	0.1827-0.2233	0.2064	g/100cc
						g/100cc
						g/100cc

Multi-Component mixture:	Exp:	2024 October	Lot #	FN0641902	OK
Curve Fit:		Column 1	0.99997	Column2	0.99986

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0507	0.0522	0.0015	0.0514
100	0.100	0.090 - 0.110	0.1003	0.1001	0.0002	0.1002
200	0.200	0.180 - 0.220	0.1992	0.1977	0.0015	0.1984
300	0.300	0.270 - 0.330	0.2988	0.2980	0.0008	0.2984
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5008	0.5018	0.001	0.5013

Aqueous Controls

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

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

Internal Standard Monitoring Worksheet

Worklist #:	6599	Run Date(s):	12/8/23

Internal Standard Solution:		Prep Date:	11/9/2023	Exp Date:	5/9/2024

Sample Name	Column 1 Value	Column 2 Value
0.080	175817	175606
0.080	175091	175242
QC1	176534	174928
QC1	178098	178055
QC1	179542	182071
QC1	185384	187907
QC1		
QC1		
QC2	175344	178413
QC2	172664	175037
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	177309.3	141847.4	212771.1
Column 2	178407.4	142725.9	214088.9

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

==
Calibration Table
==

Laboratory: Pocatello
Instrument Name   : G1KG333-Instrument1

<<Data File>>
Method File   :Default Project - ALCOHOL_113023_RC.gcm
Batch File   :Default Project - BATCH_113023_RC.gcb
Date Acquired   :11/30/2023 4:42:34 PM
Date Created   :11/30/2023 4:39:06 PM
Date Modified   :12/1/2023 8:15:47 AM
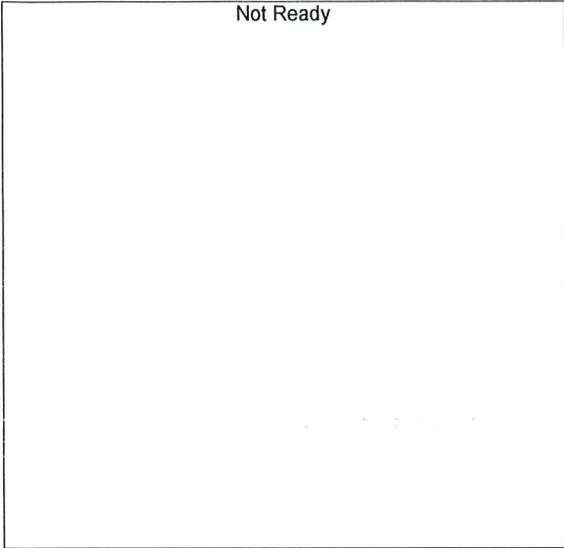
Name : METHANOL
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

Not Ready

#	Conc.	Area	Std. Conc.	Data File Name

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

Not Ready

#	Conc.	Area	Std. Conc.	Data File Name

Area Ratio
[*10^0]
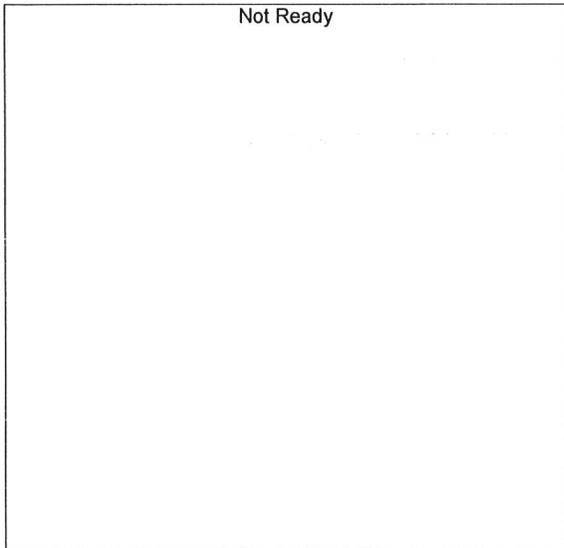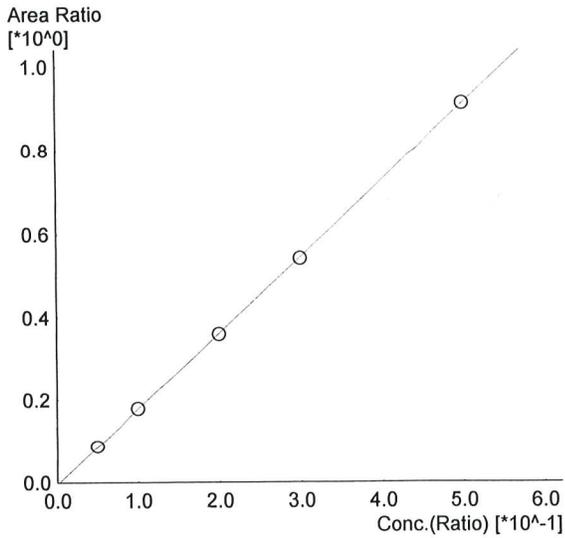
Name : ETHANOL
Detector Name: FID1
Function : $f(x)=1.82658 \cdot x - 0.00459591$
R^2 value= 0.9999727
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	14988	0.0507	0.050_11302023_001.gcd
2	0.100	30939	0.1003	0.100_11302023_002.gcd
3	0.200	62777	0.1992	0.200_11302023_003.gcd
4	0.300	94793	0.2988	0.300_11302023_004.gcd
5	0.500	160509	0.5008	0.500_11302023_005.gcd

Not Ready

Name : ISOPROPYL ALCOHOL
Detector Name: FID1
Function : $f(x)=0 \cdot x + 0$
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

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

#	Conc.	Area	Std. Conc.	Data File Name

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

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

Not Ready

Name : METHANOL
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

Area Ratio
[*10^0]

Conc.(Ratio) [*10^-1]
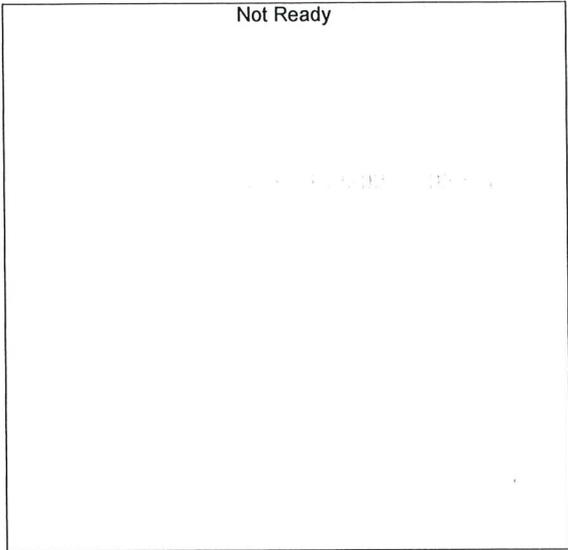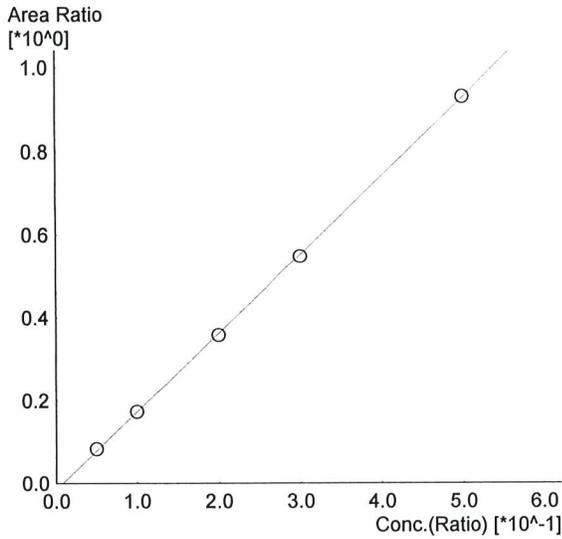
Name : ETHANOL
Detector Name: FID2
Function : f(x)=1.88761*x-0.0158857
R^2 value= 0.9998674
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	13885	0.0522	0.050_11302023_001.gcd
2	0.100	29725	0.1001	0.100_11302023_002.gcd
3	0.200	62077	0.1977	0.200_11302023_003.gcd
4	0.300	95232	0.2980	0.300_11302023_004.gcd
5	0.500	163506	0.5018	0.500_11302023_005.gcd

Not Ready

Name : ACETONE
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 : 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

Sample Name   : 0.050
Vial #   : 1
Data Filename   : 0.050_11302023_001.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_113023_RC.gcb
Date Acquired   : 11/30/2023 4:04:26 PM
Date Processed   : 12/1/2023 8:15:32 AM
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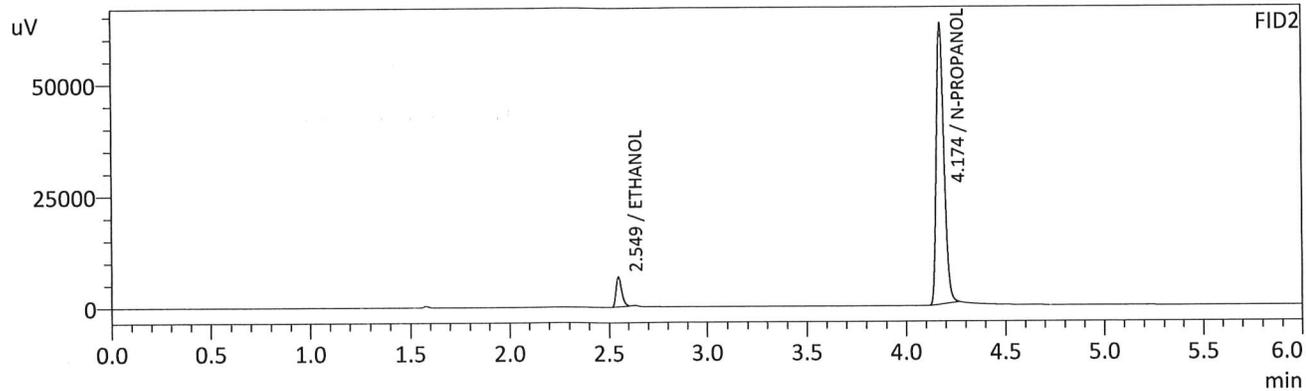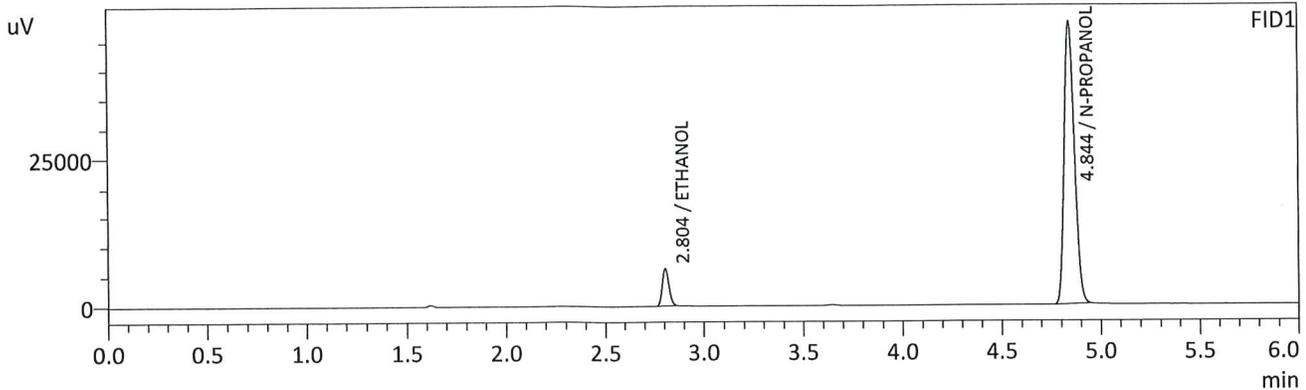
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0507	g/100cc	14988	6302
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170171	47971
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0522	g/100cc	13885	6644
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167966	62736
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.100
Vial #   : 2
Data Filename   : 0.100_11302023_002.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_113023_RC.gcb
Date Acquired   : 11/30/2023 4:13:57 PM
Date Processed   : 12/1/2023 8:15:36 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
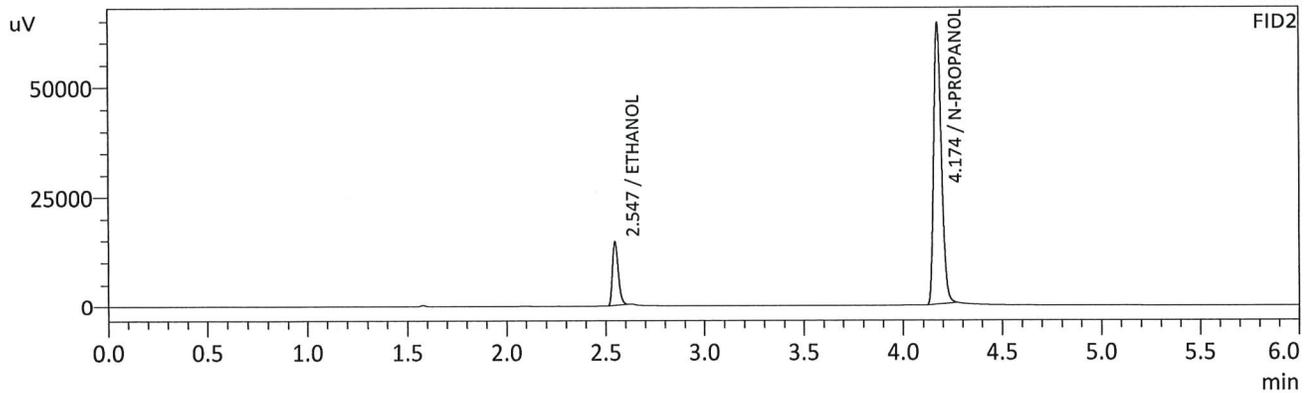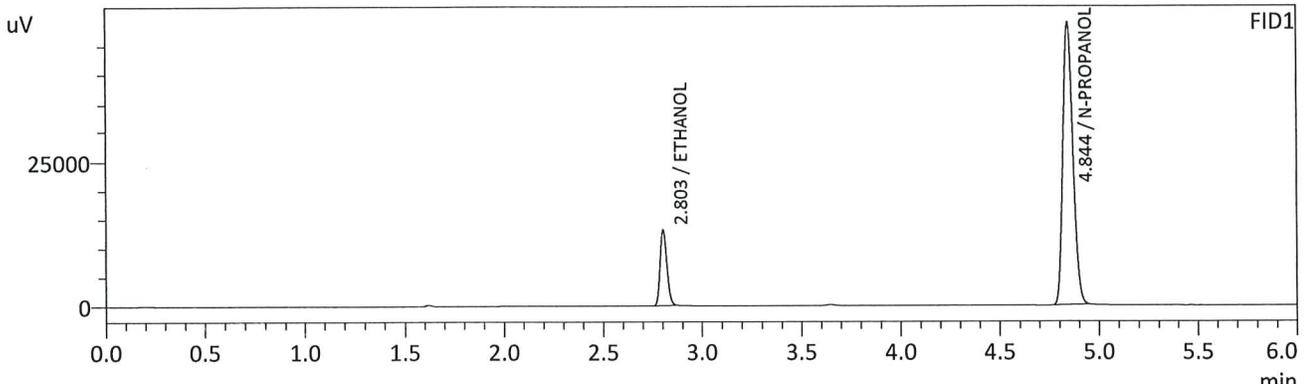
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	30939	13131
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	173116	48741
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1001	g/100cc	29725	14512
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171657	63981
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.200
Vial #   : 3
Data Filename   : 0.200_11302023_003.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_113023_RC.gcb
Date Acquired   : 11/30/2023 4:23:17 PM
Date Processed   : 12/1/2023 8:15:40 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
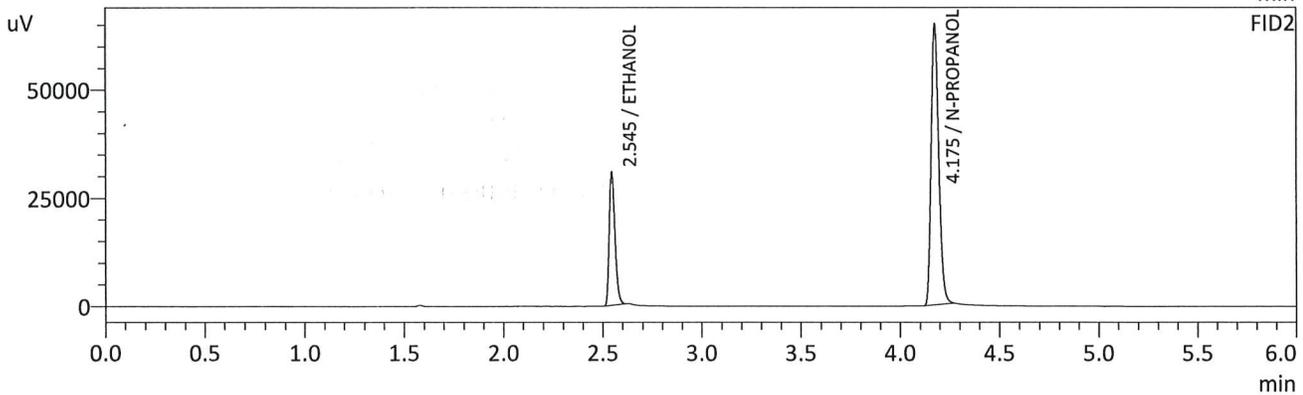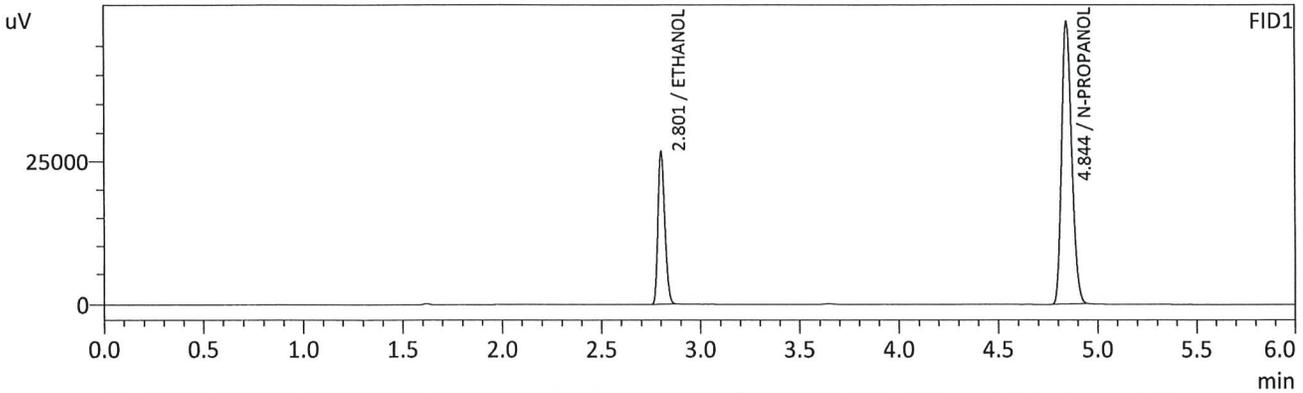
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1992	g/100cc	62777	26554
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174732	49346
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1977	g/100cc	62077	30640
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	173653	64862
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.300
Vial #   : 4
Data Filename   : 0.300_11302023_004.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_113023_RC.gcb
Date Acquired   : 11/30/2023 4:33:04 PM
Date Processed   : 12/1/2023 8:15:44 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
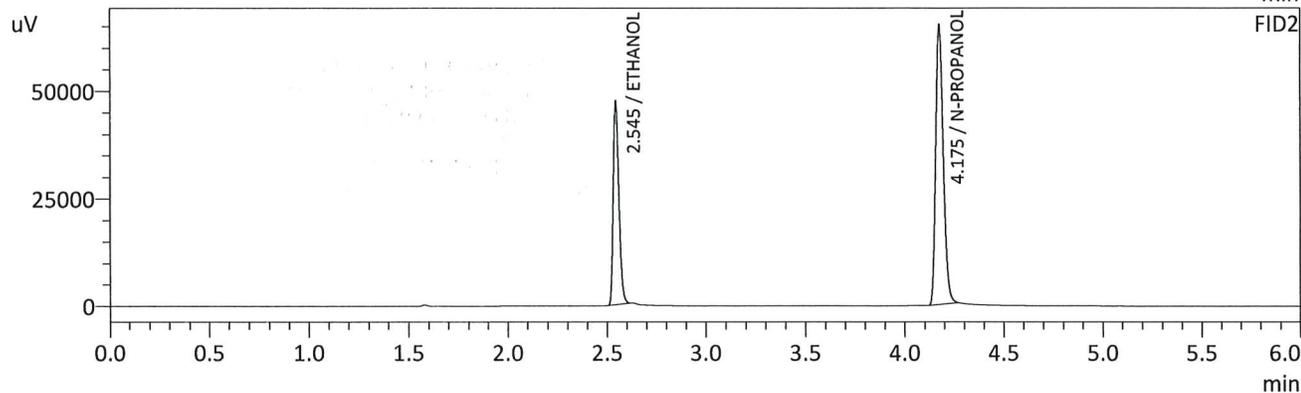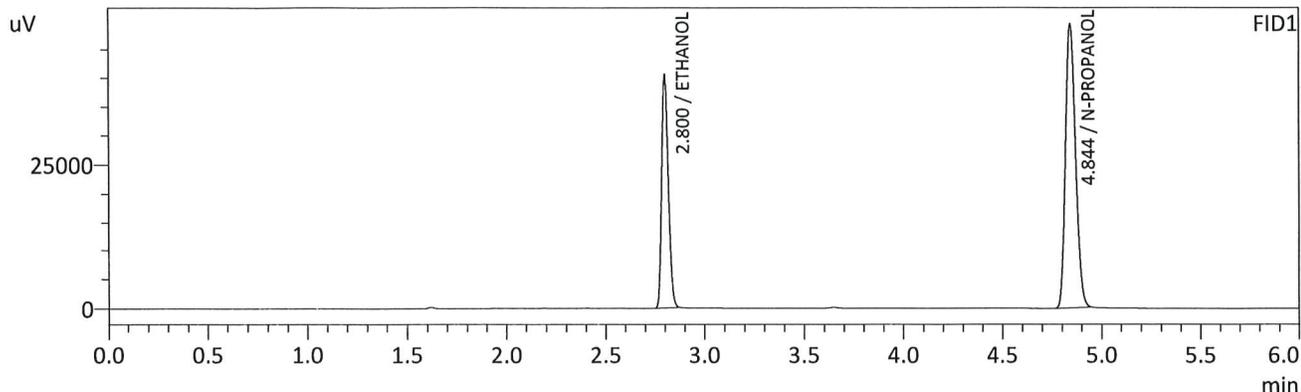
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2988	g/100cc	94793	39958
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175152	49260
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2980	g/100cc	95232	47028
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174204	64997
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.500
Vial #   : 5
Data Filename   : 0.500_11302023_005.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_113023_RC.gcb
Date Acquired   : 11/30/2023 4:42:34 PM
Date Processed   : 12/1/2023 8:15:47 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
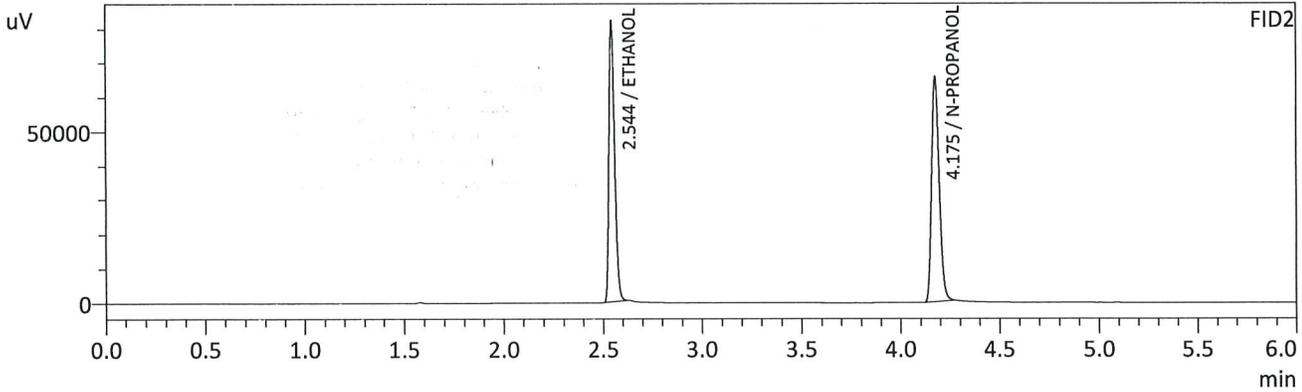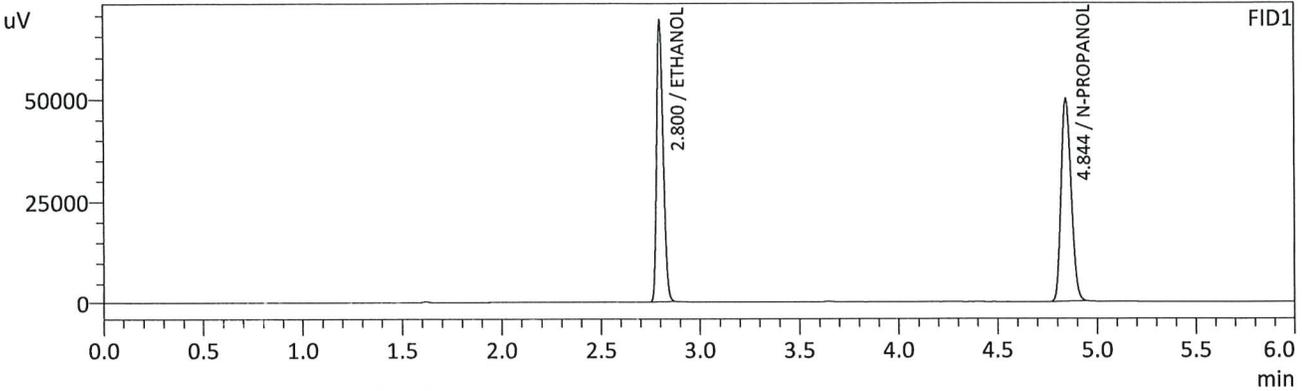
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5008	g/100cc	160509	68175
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176323	49605
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5018	g/100cc	163506	80993
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175559	65439
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 1
Vial #   : 1
Data Filename   : INT STD BLK 1_1282023_001.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 3:07:27 PM
Date Processed   : 12/8/2023 3:13:28 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
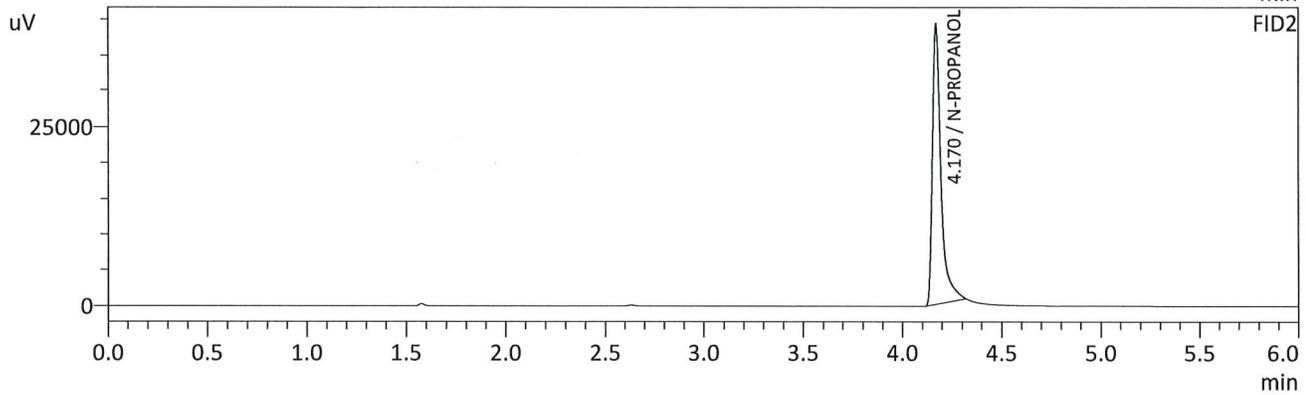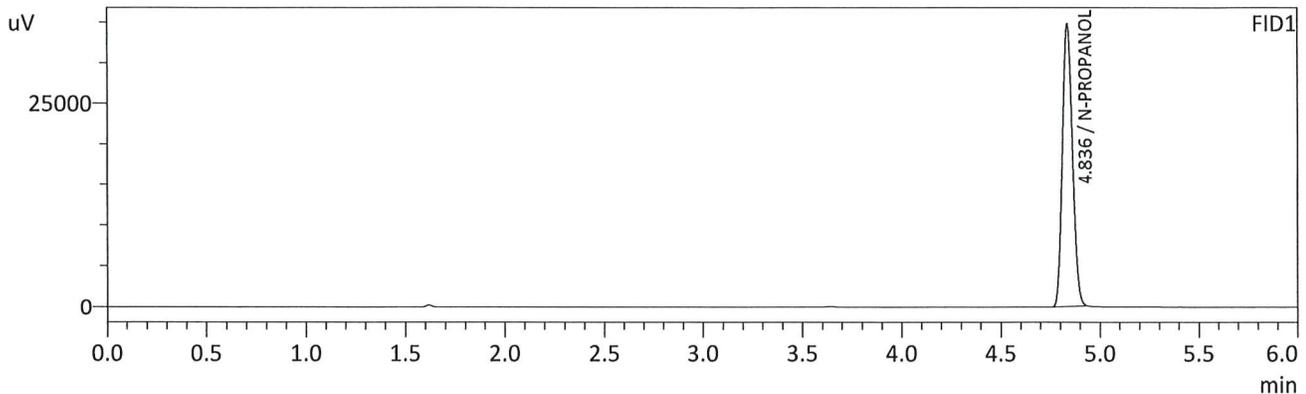
FID1

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	122366	34657
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	117824	39042
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : MULTI-COMP MIX
Vial #   : 2
Data Filename   : MULTI-COMP MIX_1282023_002.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 3:16:57 PM
Date Processed   : 12/8/2023 3:22:58 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
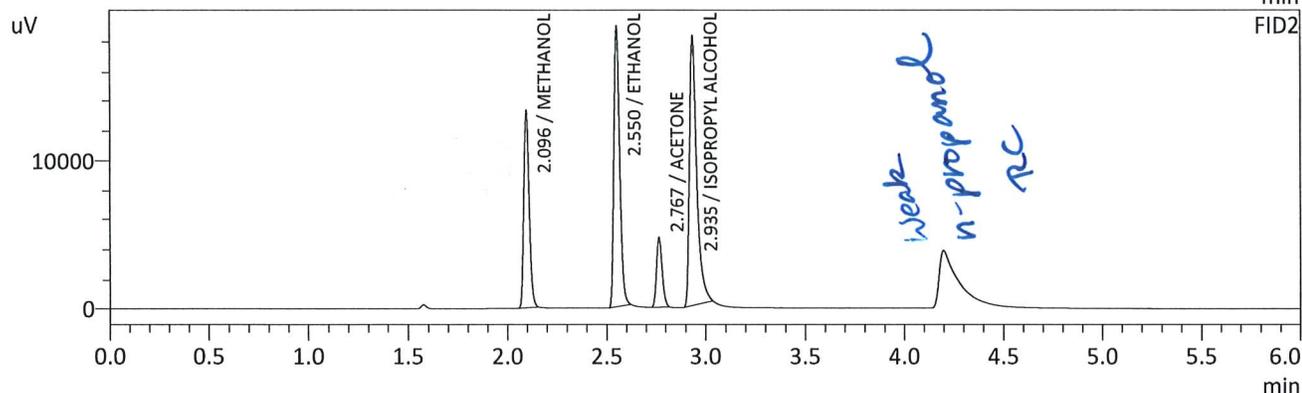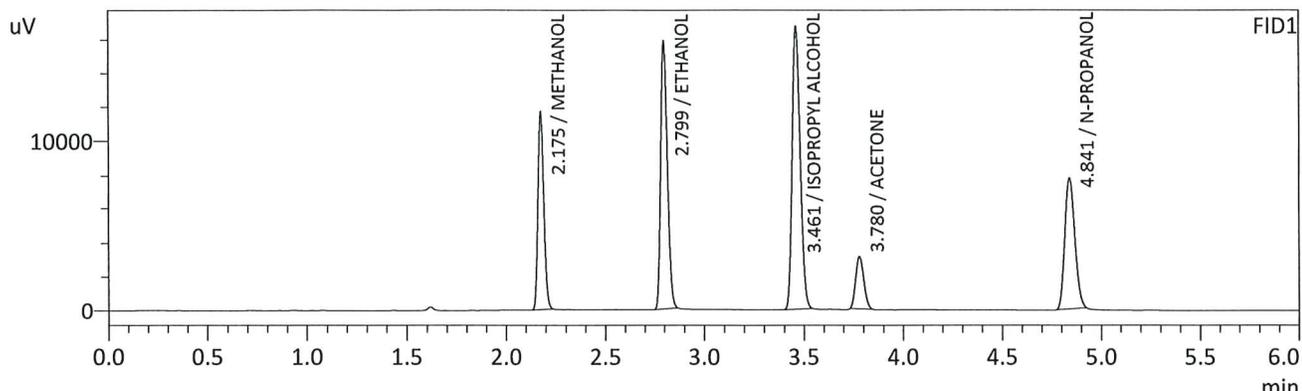
FID1

Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	24048	11483
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.7508	g/100cc	37044	15792
ISOPROPYL ALCOHOL	0.0000	g/100cc	46792	16680
ACETONE	0.0000	g/100cc	8745	3078
N-PROPANOL	0.0000	g/100cc	27099	7757
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	25307	13104
ETHANOL	0.0000	g/100cc	38315	18824
ACETONE	0.0000	g/100cc	9456	4676
ISOPROPYL ALCOHOL	0.0000	g/100cc	46183	18065
N-PROPANOL	--	g/100cc	--	--
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : INT STD BLK 2
Vial # : 3
Data Filename : INT STD BLK 2_1282023_003.gcd
Method Filename : ALCOHOL_113023_RC.gcm
Batch Filename : BATCH_12823_RC.gcb
Date Acquired : 12/8/2023 3:26:19 PM
Date Processed : 12/8/2023 3:32:20 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
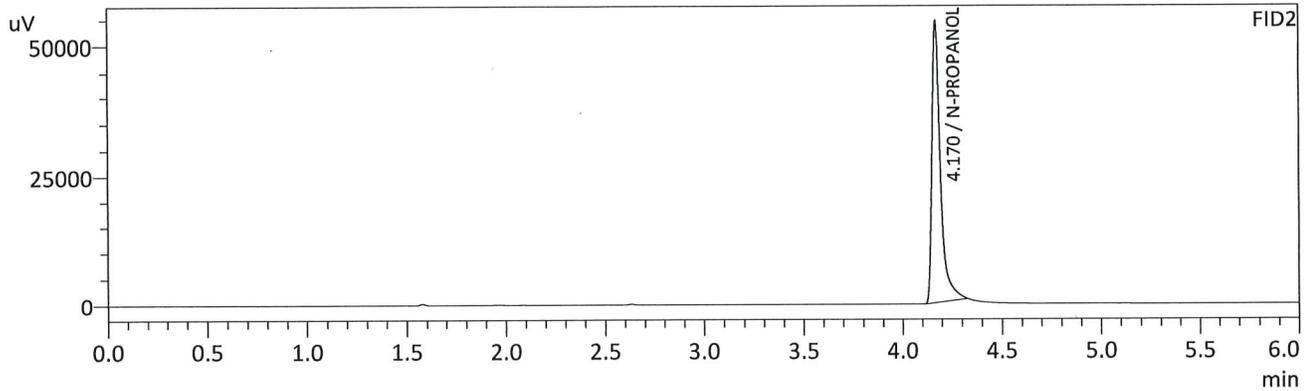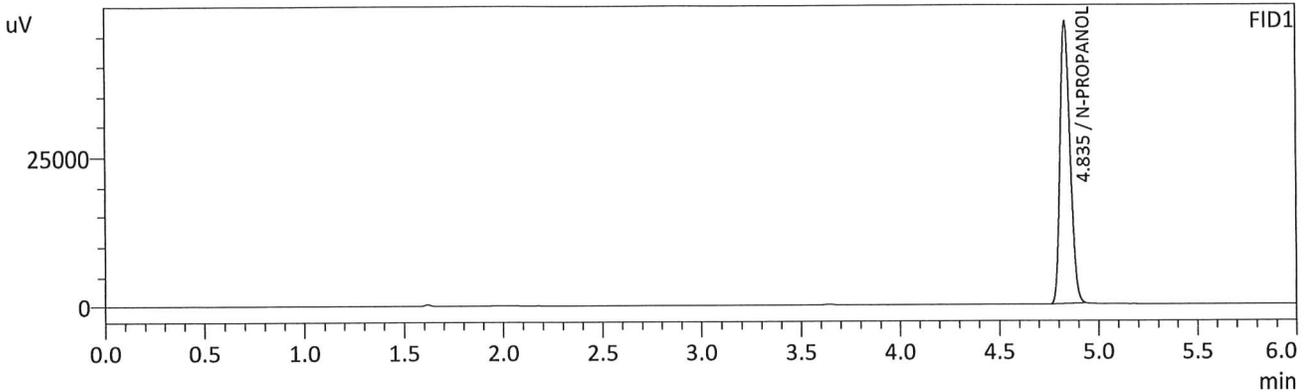
FID1

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	165360	46986
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	161920	54281
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1			Analysis Date(s): 12/8/2023 3:36:03 PM(-07:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0821	0.0795	0.0026	0.0808	0.0001	0.0807
(g/100cc)	0.0817	0.0797	0.0020	0.0807		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_113023_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_1282023_004.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 3:36:03 PM
Date Processed   : 12/8/2023 3:42:05 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
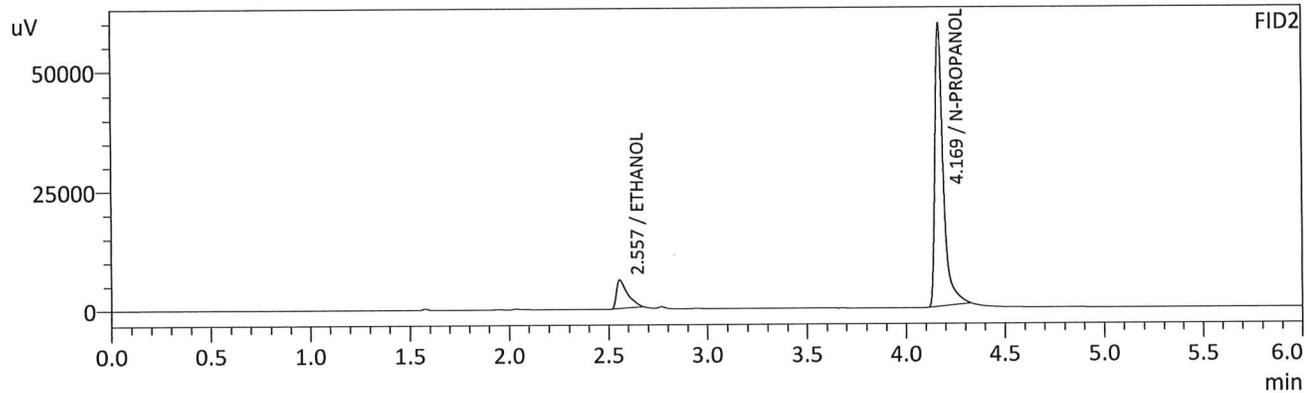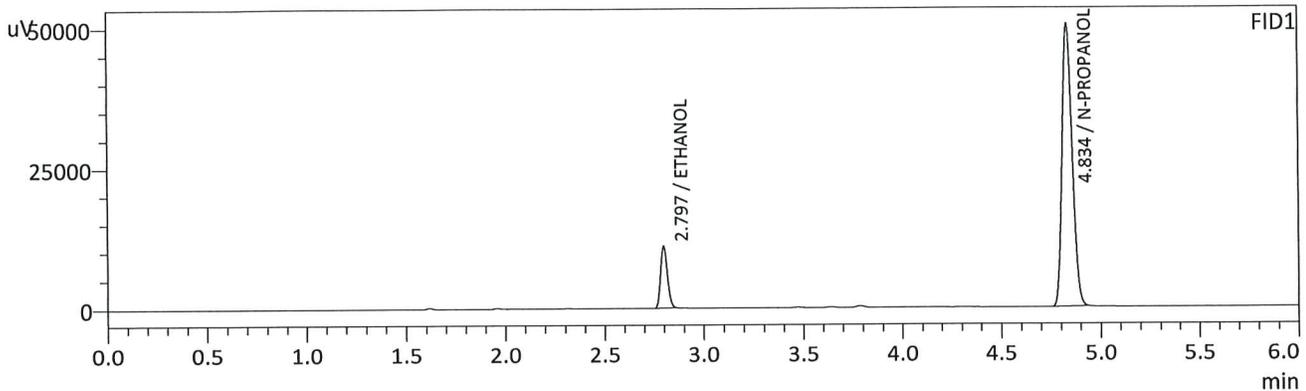
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0821	g/100cc	25668	10892
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176534	50191
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0795	g/100cc	23473	5993
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174928	59103
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC1-1-B
Vial #   : 5
Data Filename   : QC1-1-B_1282023_005.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 3:45:34 PM
Date Processed   : 12/8/2023 3:51:35 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
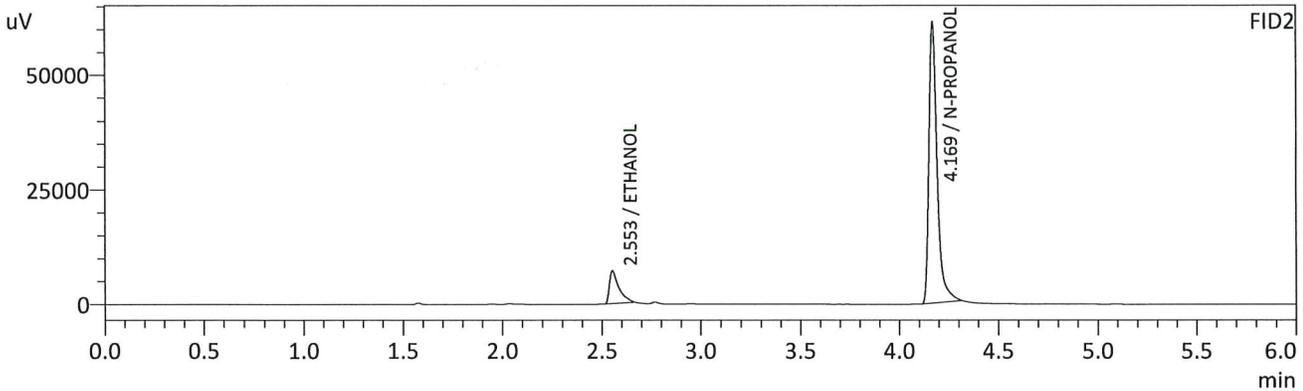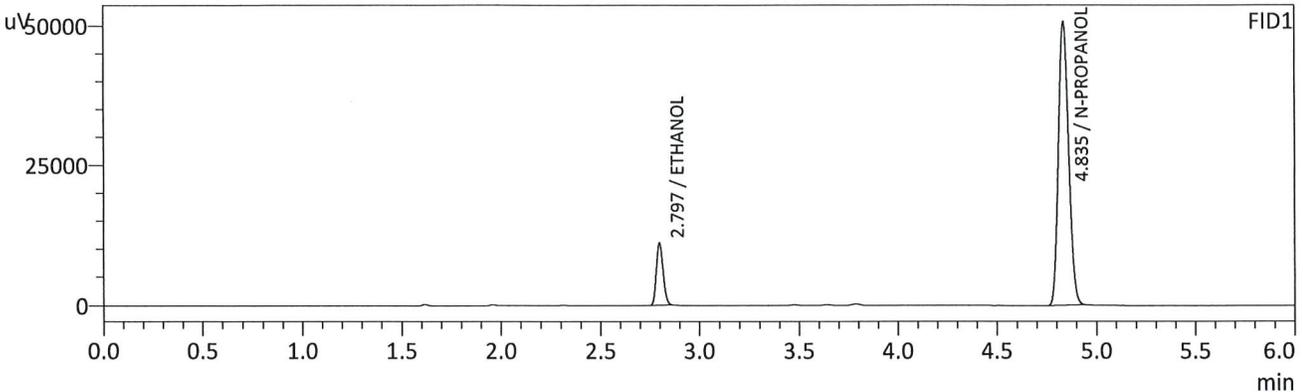
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0817	g/100cc	25778	10944
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178098	50423
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0797	g/100cc	23972	7138
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178055	61236
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

| Laboratory No: 0.08 QA | | | | Analysis Date(s): 12/8/2023 3:54:52 PM(-07:00) | | |

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0804	0.0799	0.0005	0.0801	0.0005	0.0804
(g/100cc)	0.0807	0.0806	0.0001	0.0806		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_113023_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   : 0.08 QA
Vial #   : 6
Data Filename   : 0.08 QA _1282023_006.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 3:54:52 PM
Date Processed   : 12/8/2023 4:00:53 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
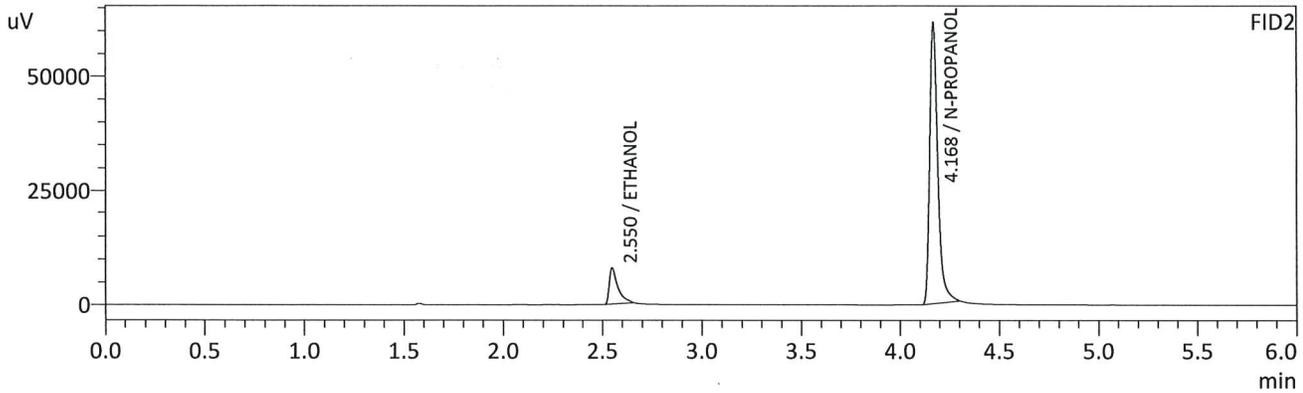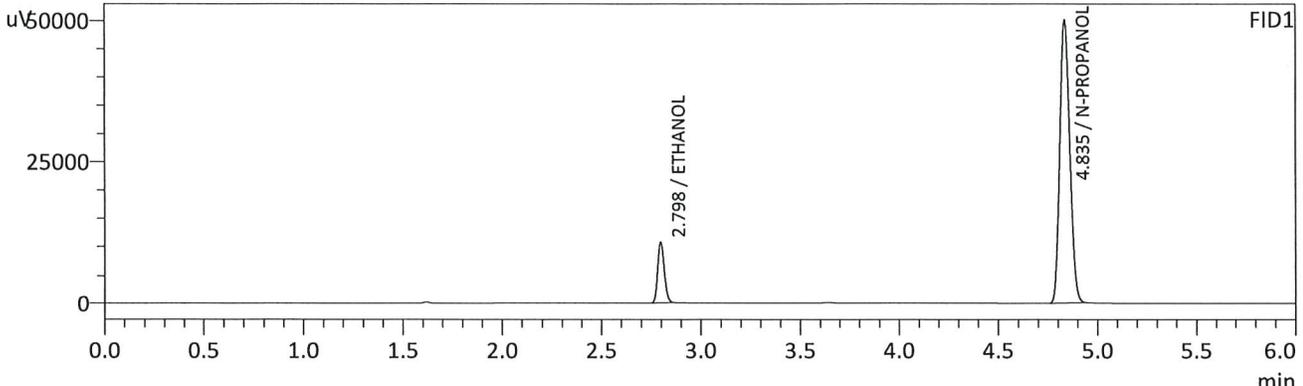
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0804	g/100cc	25027	10654
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175817	49842
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0799	g/100cc	23716	7942
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175606	61194
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : 0.08 QA-B
Vial #   : 7
Data Filename   : 0.08 QA-B_1282023_007.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 4:04:36 PM
Date Processed   : 12/8/2023 4:10:38 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
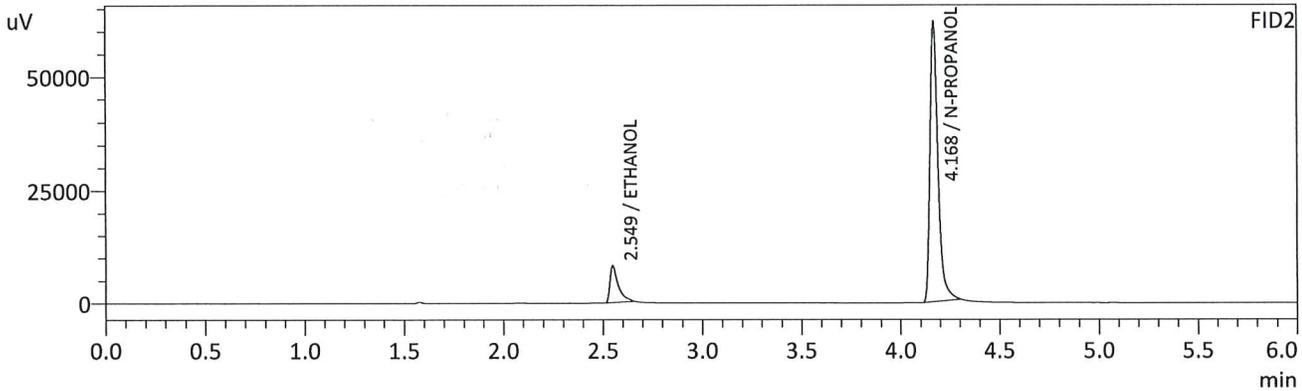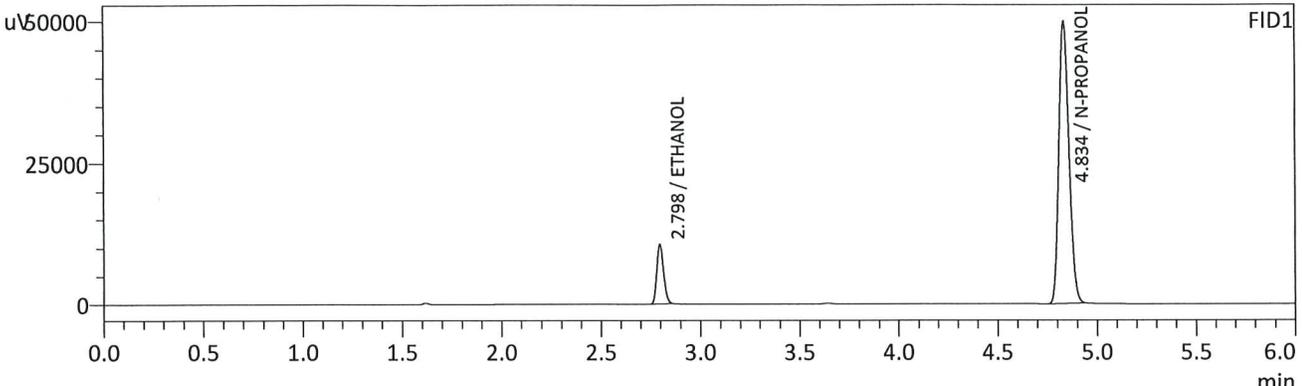
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0807	g/100cc	25007	10617
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175091	49711
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0806	g/100cc	23882	8145
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175242	61358
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1				Analysis Date(s): 12/8/2023 7:05:32 PM(-07:00)		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2039	0.2047	0.0008	0.2043	0.0042	0.2064
(g/100cc)	0.2068	0.2103	0.0035	0.2085		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_113023_RC.gcm

Reporting of Results			Uncertainty of Measurements (UM%):	5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean	
0.206	0.195	0.217	0.011	

	Reported Results	
	0.206	

Calibration and control data are stored centrally.

Sample Name   : QC2-1
Vial #   : 26
Data Filename   : QC2-1_1282023_026.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 7:05:32 PM
Date Processed   : 12/8/2023 7:11:33 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
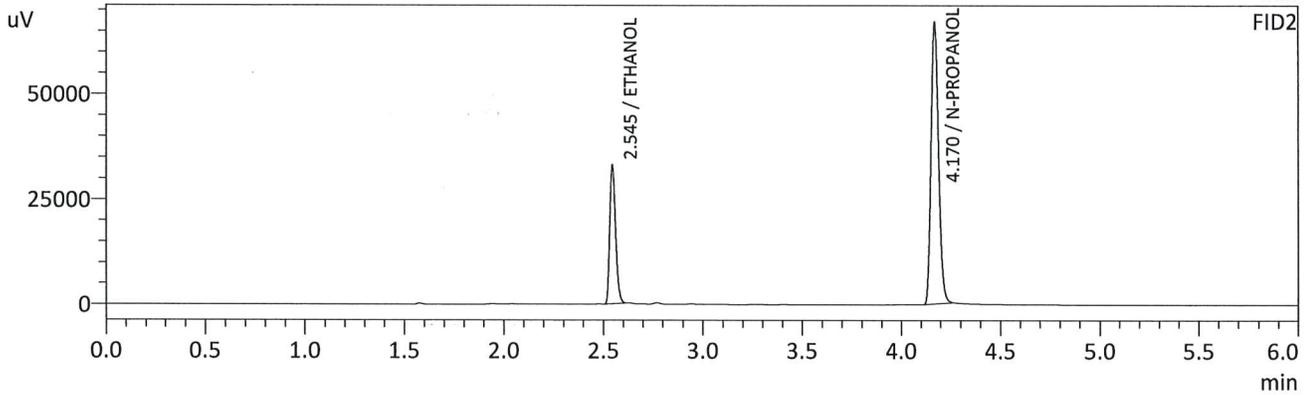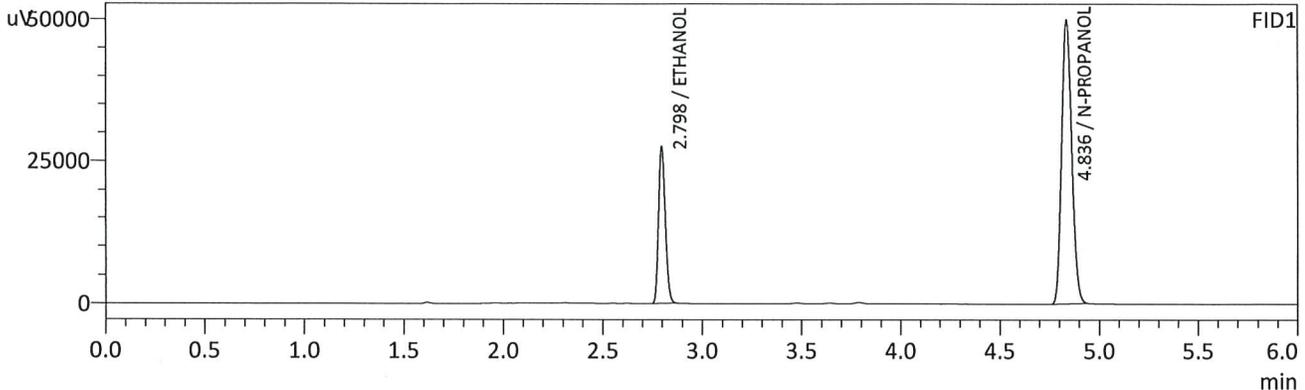
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2039	g/100cc	64525	27425
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175344	49801
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2047	g/100cc	66130	32799
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178413	66908
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC2-1-B
Vial #   : 27
Data Filename   : QC2-1-B_1282023_027.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 7:14:49 PM
Date Processed   : 12/8/2023 7:20:51 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
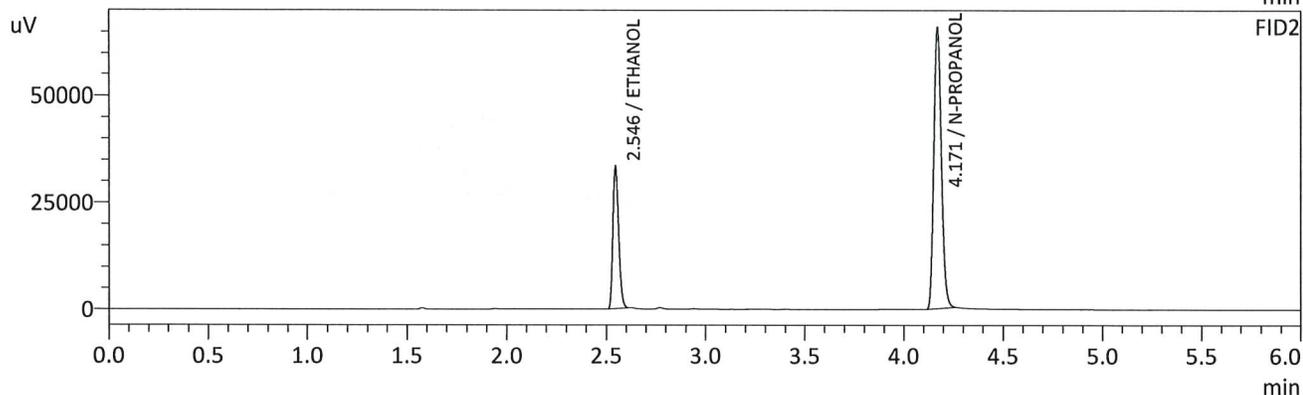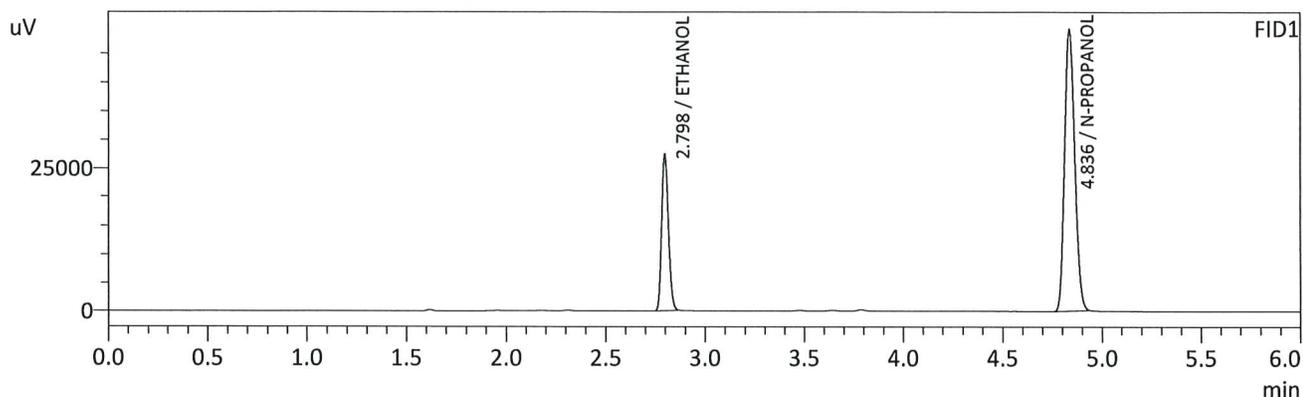
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2068	g/100cc	64457	27390
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172664	49122
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2103	g/100cc	66709	33334
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175037	65765
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2				Analysis Date(s): 12/8/2023 10:34:47 PM(-07:00)	

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0886	0.0932	0.0046	0.0909	0.0014	0.0916
(g/100cc)	0.0898	0.0948	0.0050	0.0923		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information   Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_113023_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.

Sample Name   : QC1-2
Vial #   : 48
Data Filename   : QC1-2_1282023_048.gcd
Method Filename   : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 10:34:47 PM
Date Processed   : 12/8/2023 10:40:49 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
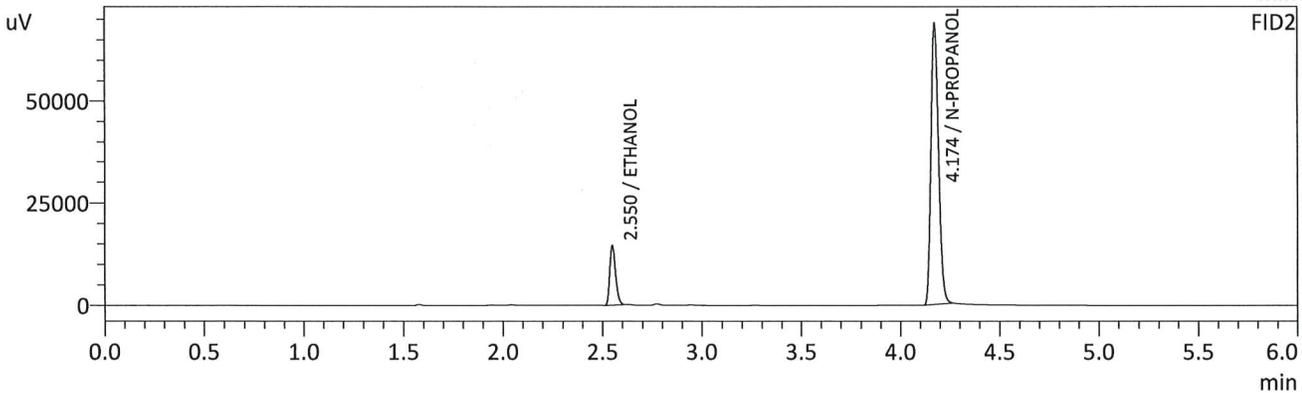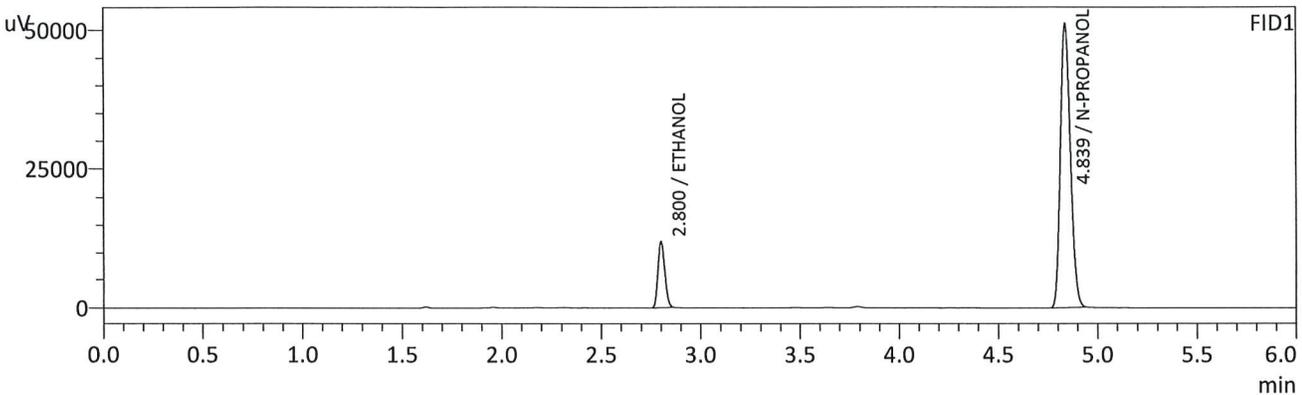
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0886	g/100cc	28258	11852
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179542	51002
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0932	g/100cc	29143	14446
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182071	68666
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : QC1-2-B
Vial #   : 49
Data Filename   : QC1-2-B_1282023_049.gcd
Method Filename : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 10:44:37 PM
Date Processed   : 12/8/2023 10:50:37 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
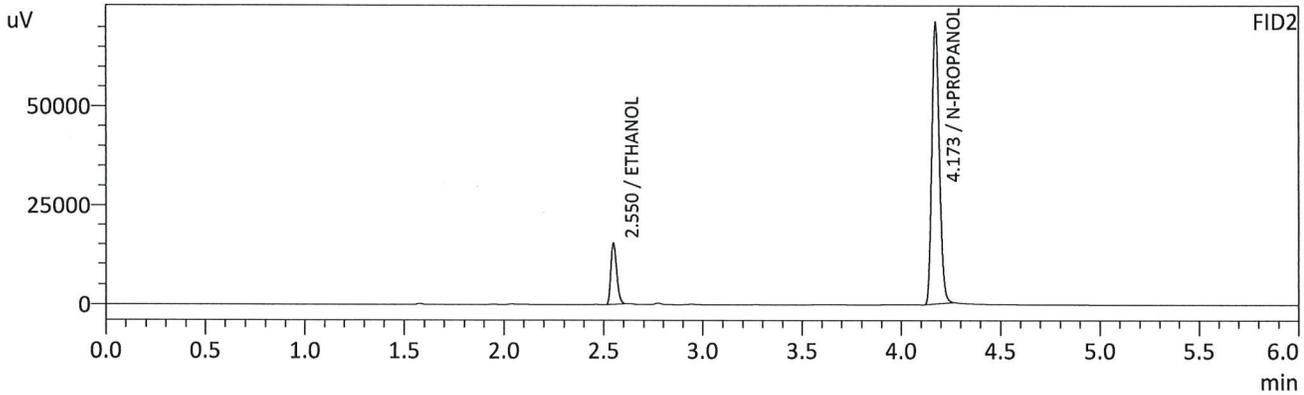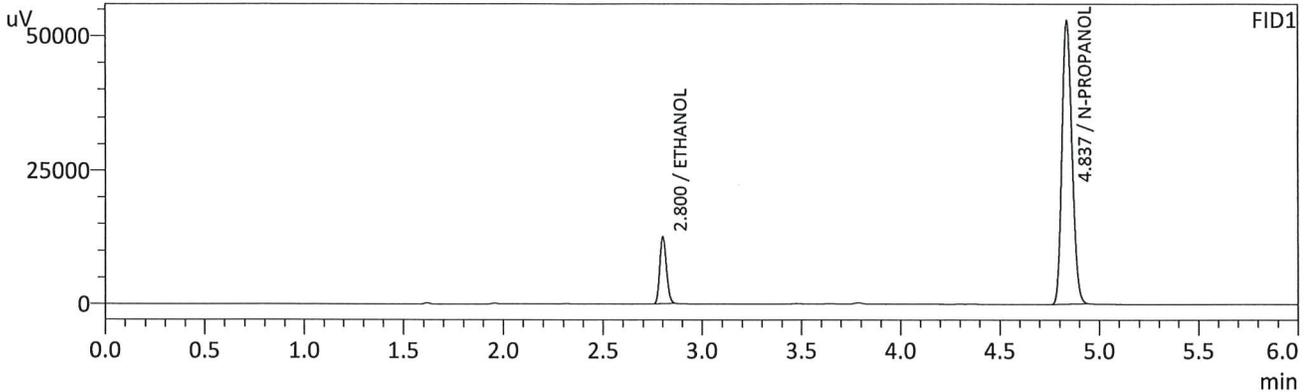
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0898	g/100cc	29586	12465
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185384	52847
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0948	g/100cc	30653	15205
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187907	70558
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name   : INT STD BLK 3
Vial #   : 50
Data Filename   : INT STD BLK 3_1282023_050.gcd
Method Filename : ALCOHOL_113023_RC.gcm
Batch Filename   : BATCH_12823_RC.gcb
Date Acquired   : 12/8/2023 10:54:02 PM
Date Processed   : 12/8/2023 11:00:03 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_113023_RC.gcm
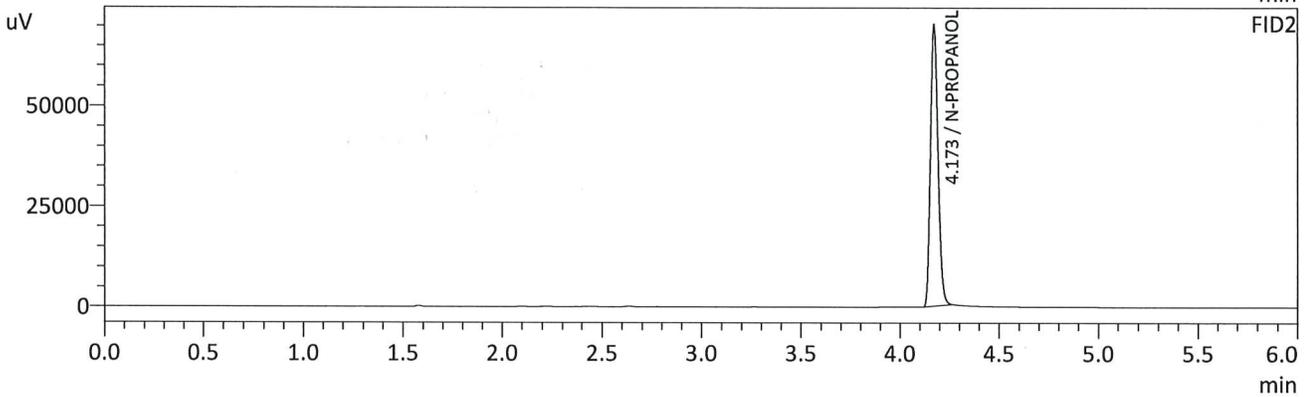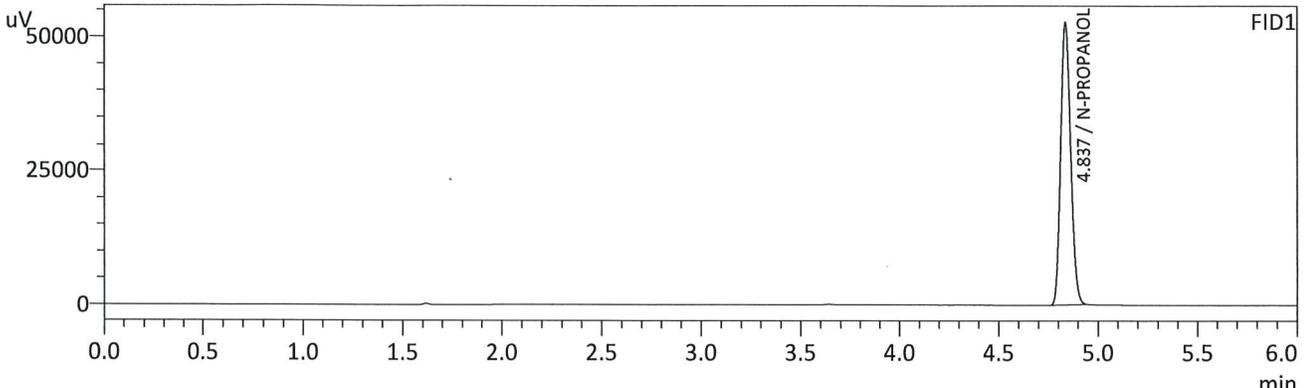
FID1

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	184525	52679
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	185992	69653
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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_113023_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_113023_RC.gcm	MULTI-COMP MIX_1292021_001.gcd	1
3	INT STD BLK 2	0:Unknown	ALCOHOL_113023_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_113023_RC.gcm		0
7	0.08 QA-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
8	P2023-3573-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
9	P2023-3573-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
10	P2023-3618-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
11	P2023-3618-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
12	P2023-3635-2	0:Unknown	ALCOHOL_113023_RC.gcm		0
13	P2023-3635-2-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
14	P2023-3647-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
15	P2023-3647-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
16	P2023-3648-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
17	P2023-3648-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
18	P2023-3649-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
19	P2023-3649-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
20	P2023-3656-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
21	P2023-3656-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
22	P2023-3657-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
23	P2023-3657-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
24	P2023-3660-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
25	P2023-3660-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
28	P2023-3669-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
29	P2023-3669-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
30	P2023-3671-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
31	P2023-3671-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
32	P2023-3698-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
33	P2023-3698-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
34	P2023-3698-2	0:Unknown	ALCOHOL_113023_RC.gcm		0
35	P2023-3698-2-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
36	P2023-3714-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
37	P2023-3714-1-B	0:Unknown	LALCOHOL_113023_RC.gcm		0
38	P2023-3715-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
39	P2023-3715-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
40	P2023-3716-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
41	P2023-3716-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
42	P2023-3717-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
43	P2023-3717-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
44	P2023-3718-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
45	P2023-3718-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
46	P2023-3719-1	0:Unknown	ALCOHOL_113023_RC.gcm		0
47	P2023-3719-1-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
48	QC1-2	0:Unknown	ALCOHOL_113023_RC.gcm		0
49	QC1-2-B	0:Unknown	ALCOHOL_113023_RC.gcm		0
50	INT STD BLK 3	0:Unknown	ALCOHOL_113023_RC.gcm		0

Default Project - BATCH_12823_RC.gcb