










Worklist: 6361

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2023-1231	1	BCK	Alcohol Analysis	
P2023-1247	1	BCK	Alcohol Analysis	
P2023-1255	1	BCK	Alcohol Analysis	
P2023-1277	1	BCK	Alcohol Analysis	
P2023-1280	1	BCK	Alcohol Analysis	
P2023-1305	1	BCK	Alcohol Analysis	
P2023-1307	1	BCK	Alcohol Analysis	
P2023-1322	2	BCK	Alcohol Analysis	
P2023-1343	1	BCK	Alcohol Analysis	
P2023-1344	1	BCK	Alcohol Analysis	
P2023-1351	1	BCK	Alcohol Analysis	
P2023-1369	1	BCK	Alcohol Analysis	
P2023-1370	1	BCK	Alcohol Analysis	
P2023-1371	1	BCK	Alcohol Analysis	
P2023-1375	1	BCK	Alcohol Analysis	
P2023-1385	1	BCK	Alcohol Analysis	
P2023-1386	1	BCK	Alcohol Analysis	
P2023-1389	1	BCK	Alcohol Analysis	
P2023-1398	1	BCK	Alcohol Analysis	
P2023-1399	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): 05-06-2023

Calibration Date: (if different): 05-05-2023

Worklist #: 6361

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0768 g/100cc 0.0830 g/100cc 0.0836 g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2123 g/100cc g/100cc g/100cc
Multi-Component mixture:			Lot #	Column 1	Column 2
Curve Fit:			2024 October	FN06041902	OK
			Exp:	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	0.0507	0.0526	0.0019	0.0516
100	0.100	0.090 - 0.110	0.1003	0.0997	0.0006	0.1
200	0.200	0.180 - 0.220	0.1990	0.1973	0.0017	0.1981
300	0.300	0.270 - 0.330	0.2992	0.2984	0.0008	0.2988
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5007	0.5017	0.001	0.5012

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

Internal Standard Monitoring Worksheet

Worklist #: 6361 **Run Date(s):** 05-06-2023

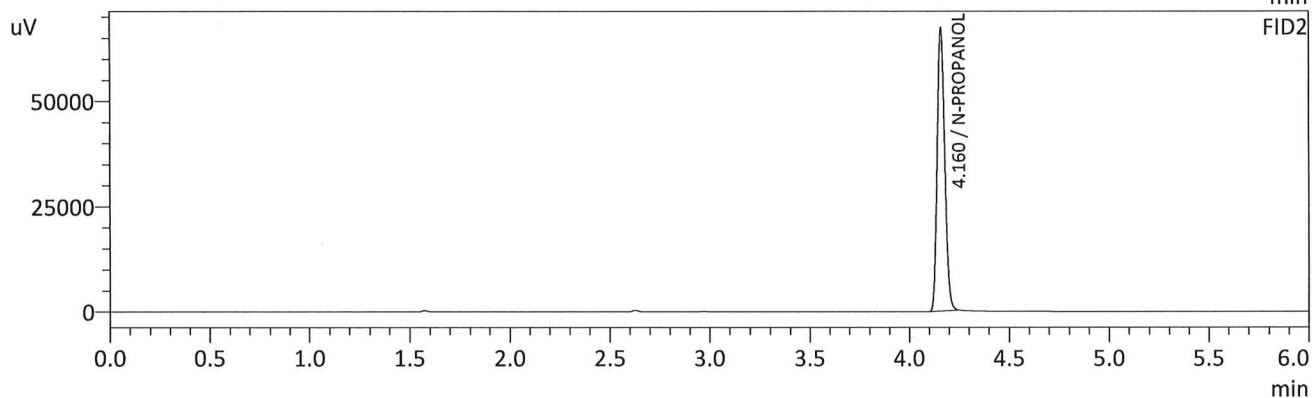
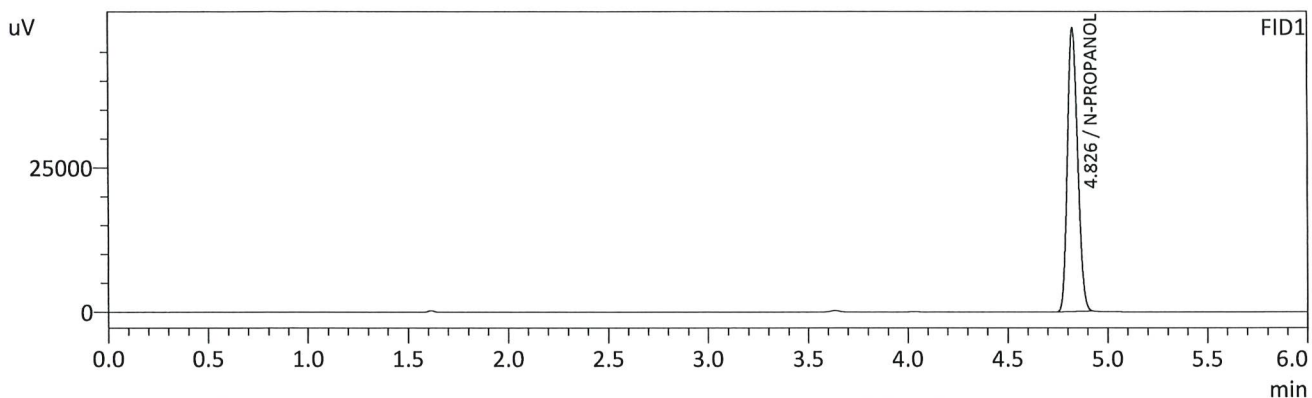
Internal Standard Solution: **Prep Date:** 5/5/2023 **Exp Date:** 11/5/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	183211	189412
0.080	183335	189599
QC1	183808	190198
QC1	184477	190896
QC1	184333	190432
QC1	184811	191049
QC1	185344	191623
QC1	186471	192919
QC2	182651	188484
QC2	180772	186329
QC2		
QC2		
QC2		
QC2		

Average	(-)20%	(+)20%
Column 1	147137.0	220705.6
Column 2	152075.3	228112.9



Sample Name : INT STD BLK 1
 Vial # : 1
 Data Filename : INT STD BLK 1_562023_001.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 11:16:54 AM
 Date Processed : 5/6/2023 11:22:55 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

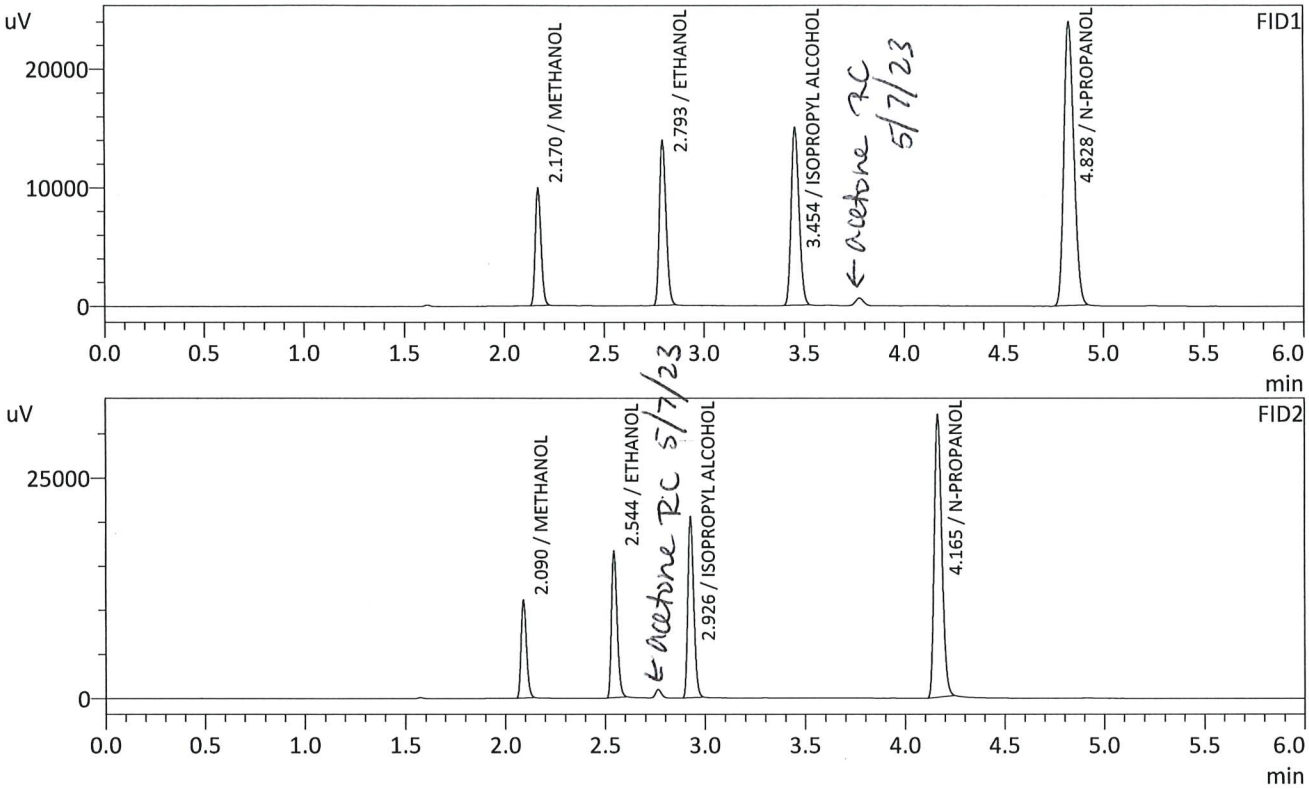
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172169	48891
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	177724	67096
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

JK

Sample Name : MULTI-COMP MIX
 Vial # : 2
 Data Filename : MULTI-COMP MIX_562023_002.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 11:26:24 AM
 Date Processed : 5/6/2023 11:32:25 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

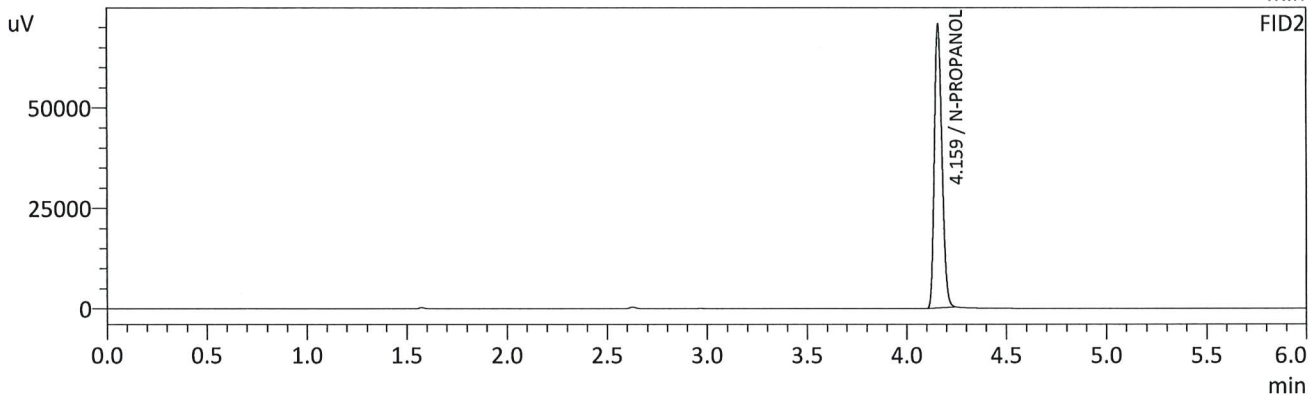
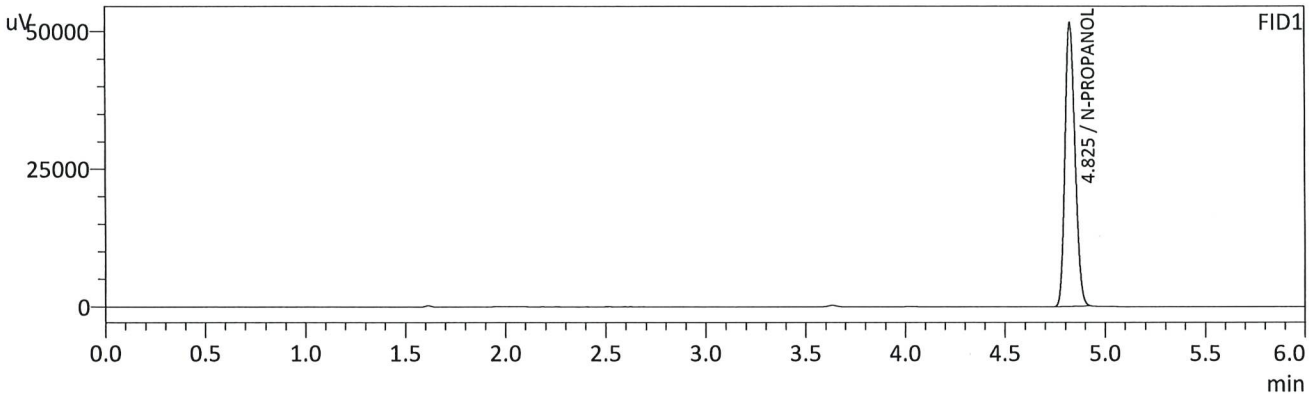
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	20046	9734
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2146	g/100cc	32230	13867
ISOPROPYL ALCOHOL	0.0000	g/100cc	41677	14901
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	83596	23907
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	20624	10939
ETHANOL	0.2235	g/100cc	32836	16324
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	0.0000	g/100cc	42805	20158
N-PROPANOL	0.0000	g/100cc	84096	31985
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
 Vial # : 3
 Data Filename : INT STD BLK 2_562023_003.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 11:35:45 AM
 Date Processed : 5/6/2023 11:41:47 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_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	181287	51304
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	187408	70360
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-1		Analysis Date(s): 5/6/2023 11:45:32 AM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0746	0.0791	0.0045	0.0768	0.0001	0.0768
(g/100cc)	0.0745	0.0790	0.0045	0.0767		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL_05052023_RC.gcm

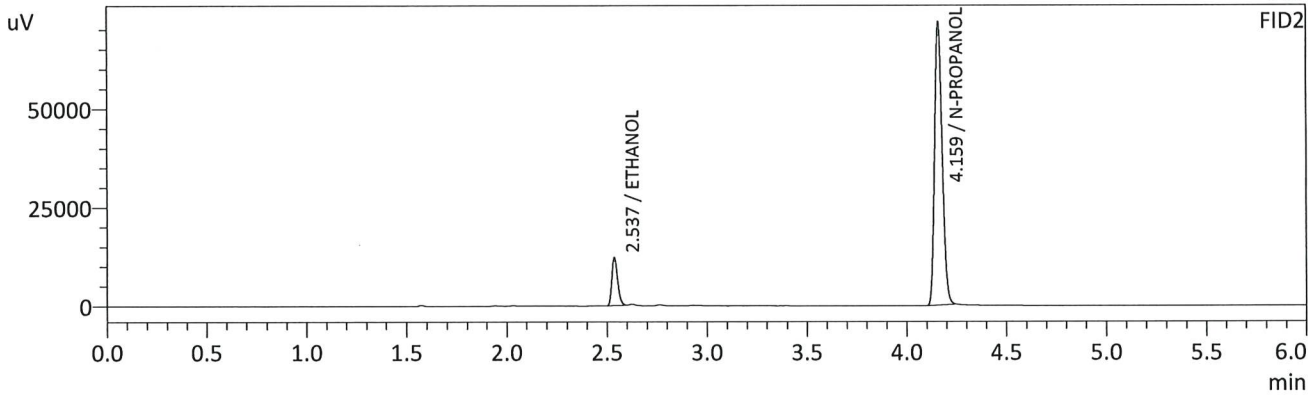
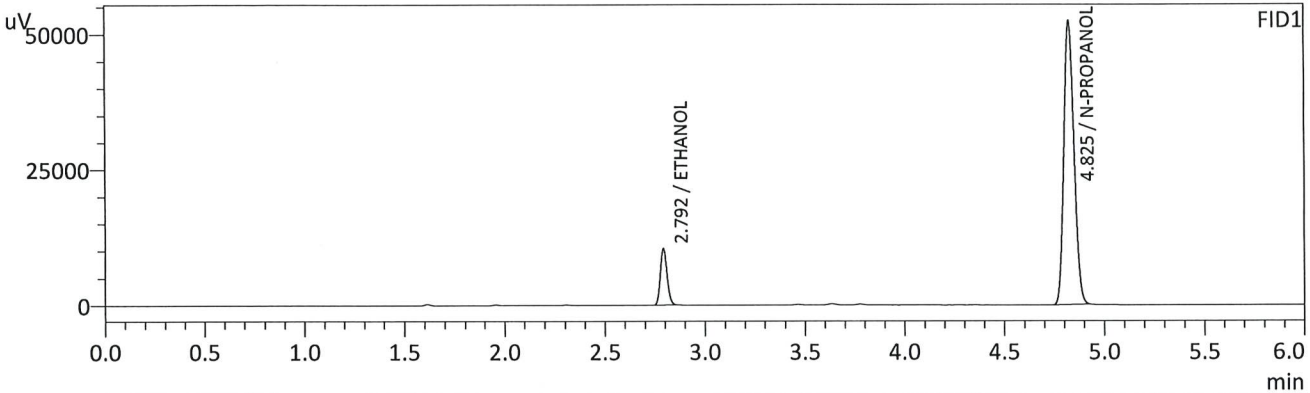
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.076	0.072	0.080	0.004

	Reported Results
	0.076

Calibration and control data are stored centrally.

RC

Sample Name : QC1-1
 Vial # : 4
 Data Filename : QC1-1_562023_004.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 11:45:32 AM
 Date Processed : 5/6/2023 11:51:33 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

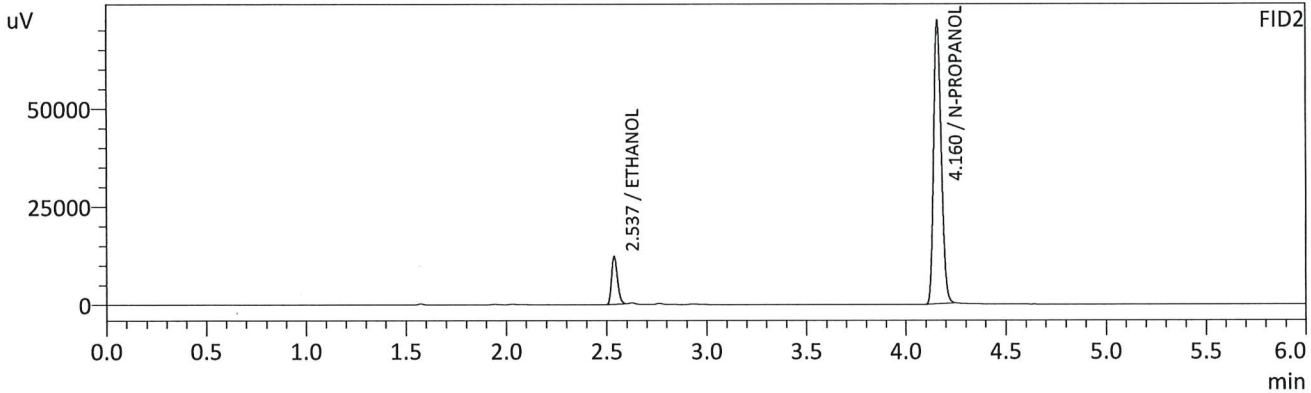
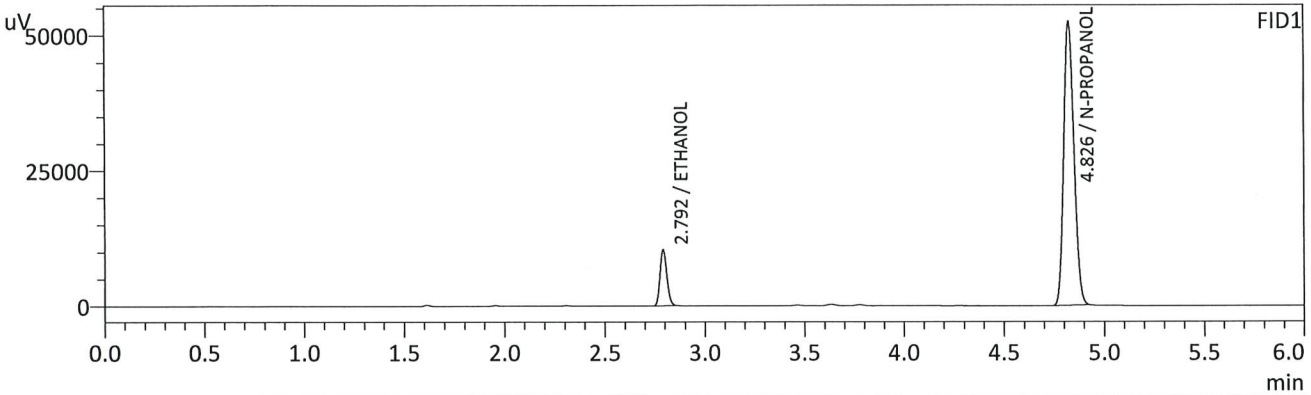
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0746	g/100cc	24333	10324
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183808	52116
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0791	g/100cc	24344	12137
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	190198	71522
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-1-B
 Vial # : 5
 Data Filename : QC1-1-B_562023_005.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 11:55:00 AM
 Date Processed : 5/6/2023 12:01:02 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0745	g/100cc	24387	10343
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184477	52194
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0790	g/100cc	24398	12166
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	190896	71994
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA			Analysis Date(s): 5/6/2023 12:04:18 PM(-06:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0812	0.0858	0.0046	0.0835	0.0001	0.0834
(g/100cc)	0.0811	0.0858	0.0047	0.0834		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

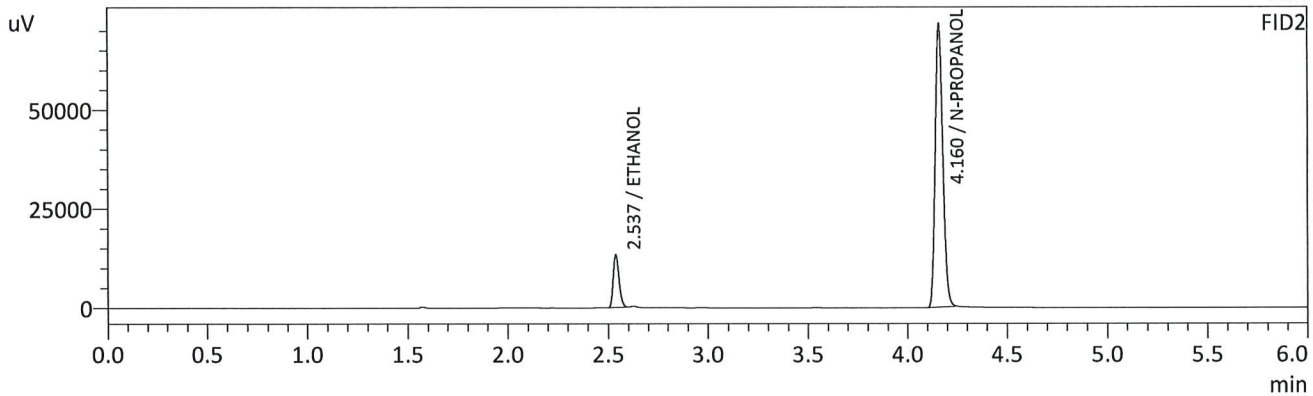
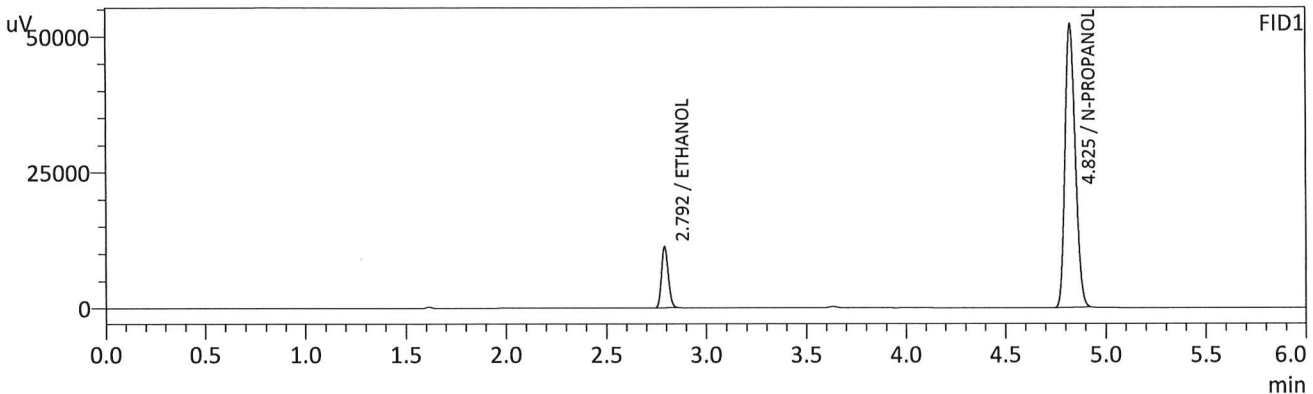
Refer To Instrument Method: ALCOHOL_05052023_RC.gcm

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

Reported Results	
0.083	

Calibration and control data are stored centrally.

Sample Name : 0.08 QA
 Vial # : 6
 Data Filename : 0.08 QA_562023_006.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 12:04:18 PM
 Date Processed : 5/6/2023 12:10:20 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

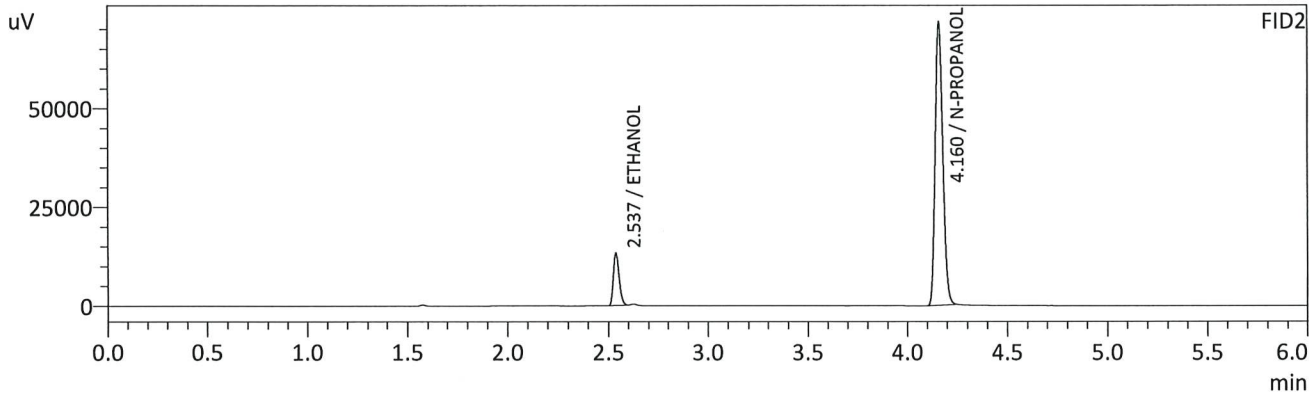
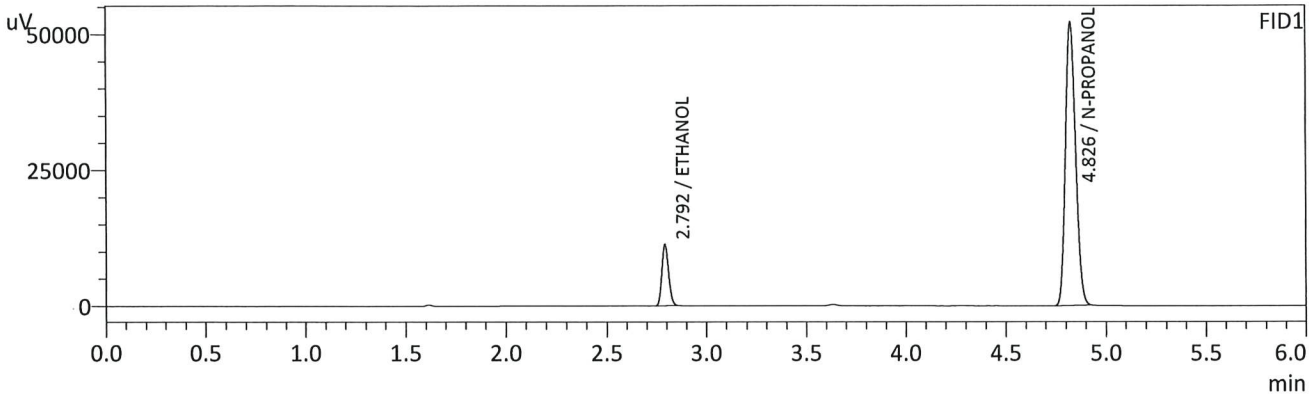
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	26440	11206
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183211	51973
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0858	g/100cc	26564	13283
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189412	71424
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

Sample Name : 0.08 QA - B
 Vial # : 7
 Data Filename : 0.08 QA - B_562023_007.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 12:14:05 PM
 Date Processed : 5/6/2023 12:20:07 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	26430	11217
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183335	51910
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0858	g/100cc	26568	13265
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189599	71471
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature/initials in blue ink.

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1		Analysis Date(s): 5/6/2023 3:14:55 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2091	0.2138	0.0047	0.2114	0.0019	0.2123
(g/100cc)	0.2108	0.2158	0.0050	0.2133		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

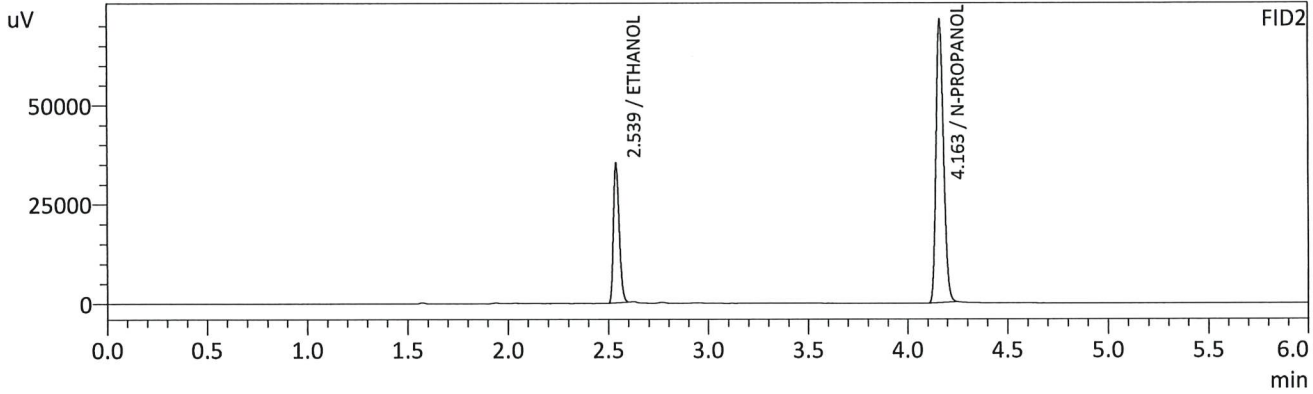
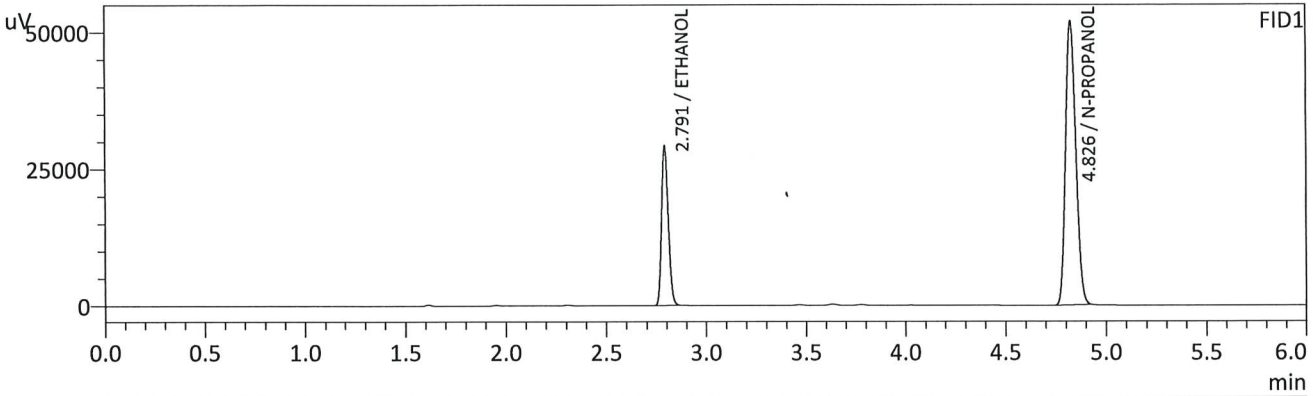
Refer To Instrument Method: ALCOHOL_05052023_RC.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.212	0.201	0.223	0.011

	Reported Results
	0.212

Calibration and control data are stored centrally.

Sample Name : QC2-1
 Vial # : 26
 Data Filename : QC2-1_562023_026.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 3:14:55 PM
 Date Processed : 5/6/2023 3:20:57 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

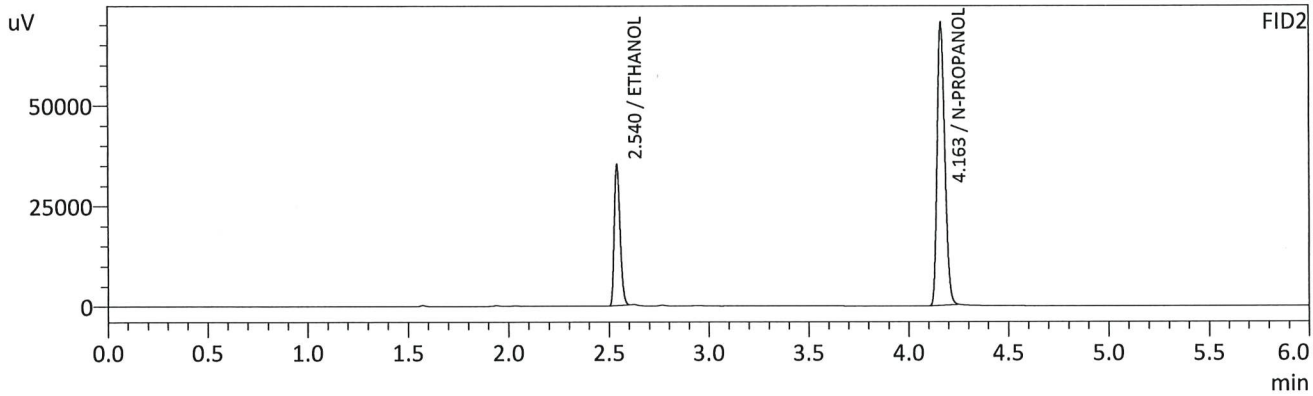
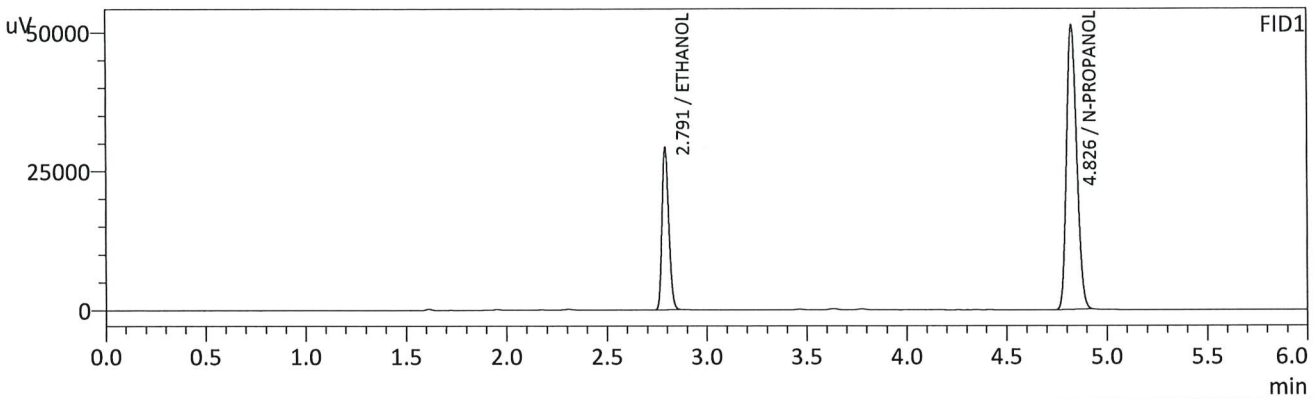
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2091	g/100cc	68602	28896
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	182651	51710
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2138	g/100cc	70263	34744
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188484	70898
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

AC

Sample Name : QC2-1-B
 Vial # : 27
 Data Filename : QC2-1-B_562023_027.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 3:24:14 PM
 Date Processed : 5/6/2023 3:30:15 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2108	g/100cc	68448	28877
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180772	51034
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2158	g/100cc	70157	34932
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	186329	69882
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2		Analysis Date(s): 5/6/2023 6:44:06 PM(-06:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0805	0.0857	0.0052	0.0831	0.0001	0.0830
(g/100cc)	0.0804	0.0856	0.0052	0.0830		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

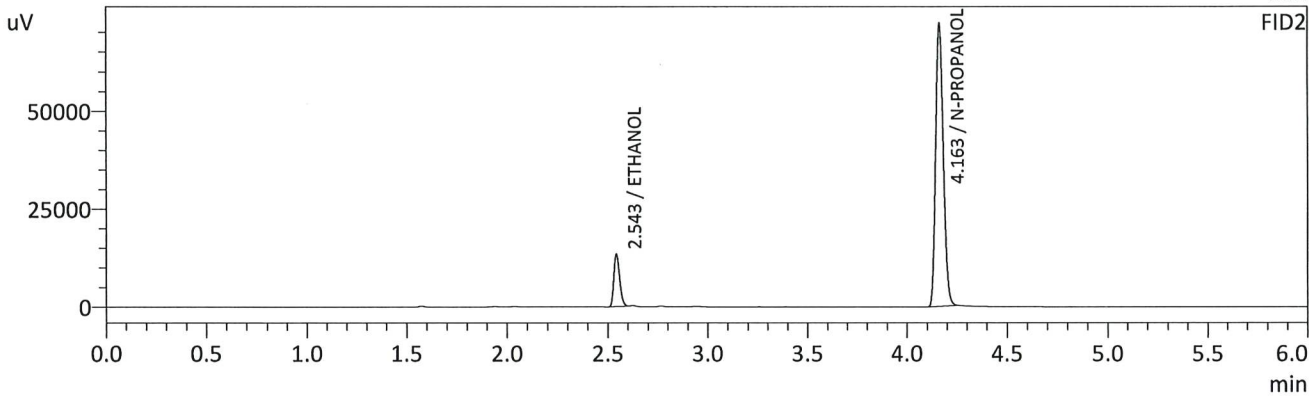
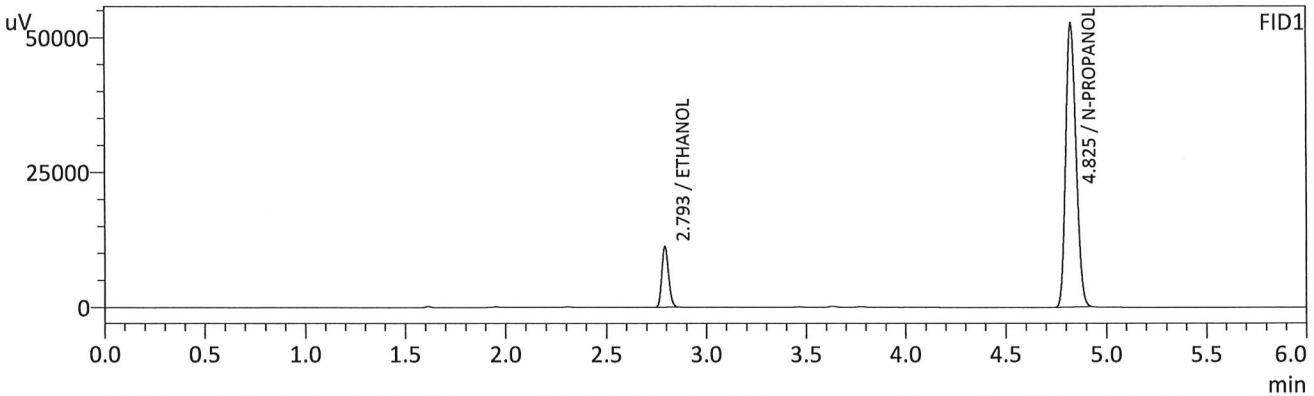
Refer To Instrument Method: ALCOHOL_05052023_RC.gcm

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

Reported Results	
0.083	

Calibration and control data are stored centrally.

Sample Name : QC1-2
 Vial # : 48
 Data Filename : QC1-2_562023_048.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 6:44:06 PM
 Date Processed : 5/6/2023 6:50:07 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

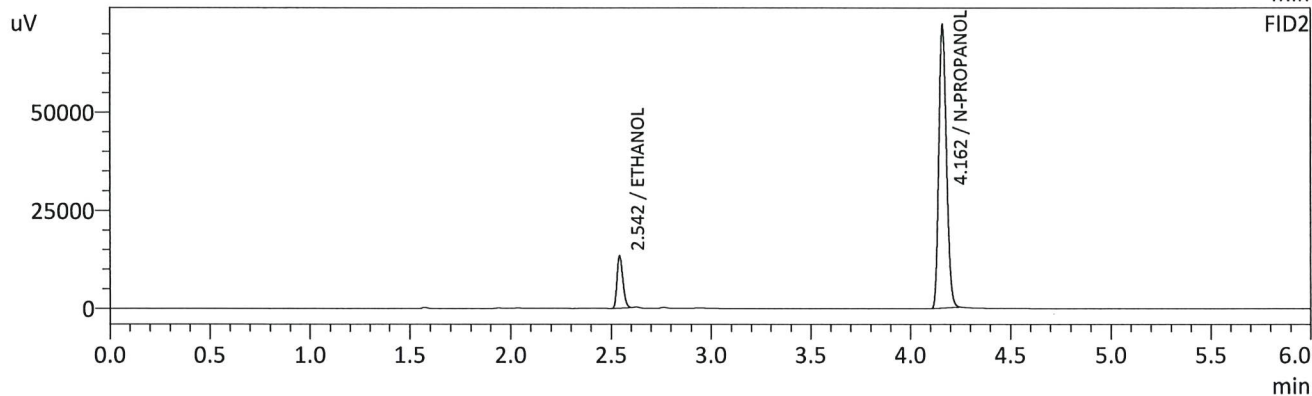
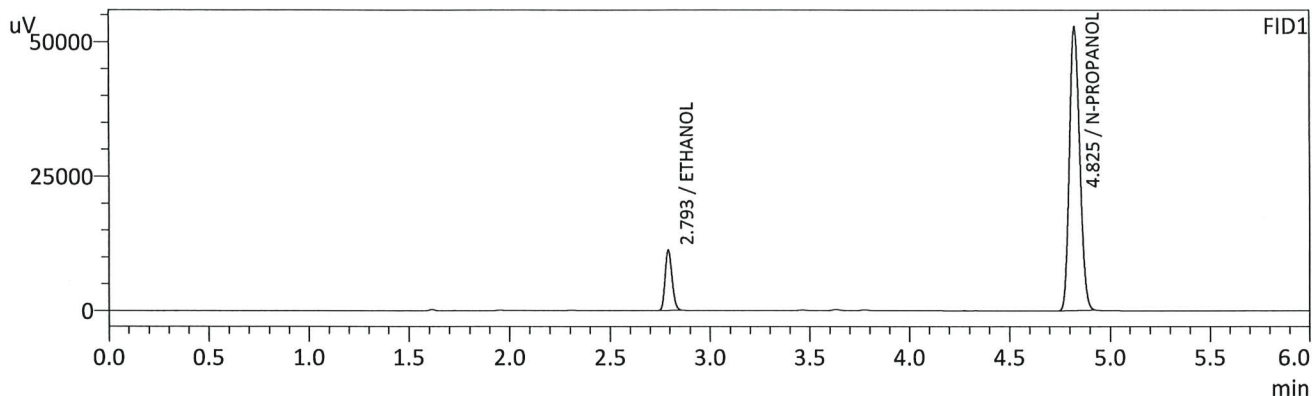
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0805	g/100cc	26369	11198
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184333	52522
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0857	g/100cc	26663	13234
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	190432	71620
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature

Sample Name : QC1-2-B
 Vial # : 49
 Data Filename : QC1-2-B_562023_049.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 6:53:56 PM
 Date Processed : 5/6/2023 6:59:57 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0804	g/100cc	26405	11218
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184811	52669
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0856	g/100cc	26719	13281
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	191049	72145
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-3

Analysis Date(s): 5/6/2023 7:22:22 PM(-06:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0811	0.0863	0.0052	0.0837	0.0001	0.0836
(g/100cc)	0.0811	0.0862	0.0051	0.0836		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

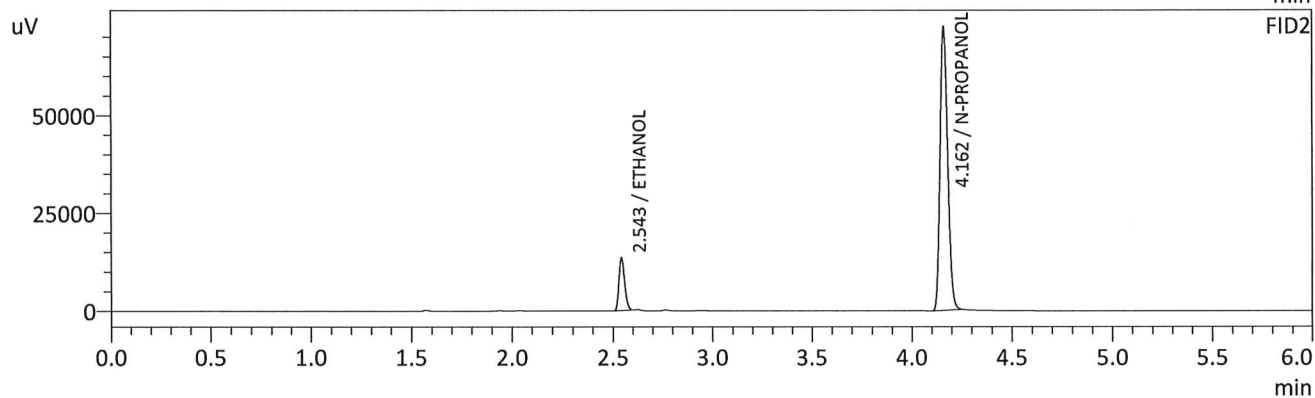
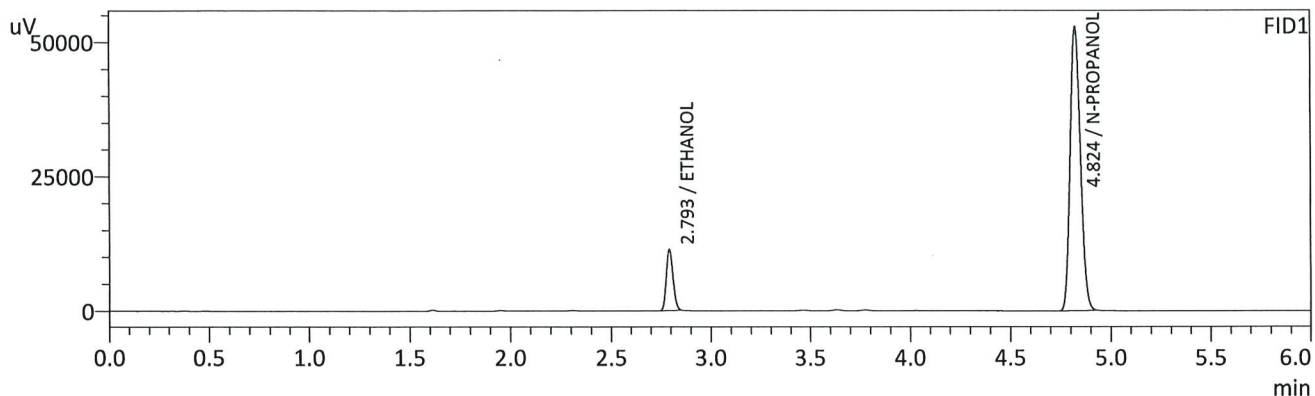
Refer To Instrument Method: ALCOHOL_05052023_RC.gcm

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

Reported Results	
0.083	

Calibration and control data are stored centrally.

Sample Name : QC1-3
 Vial # : 52
 Data Filename : QC1-3_562023_052.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 7:22:22 PM
 Date Processed : 5/6/2023 7:28:24 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

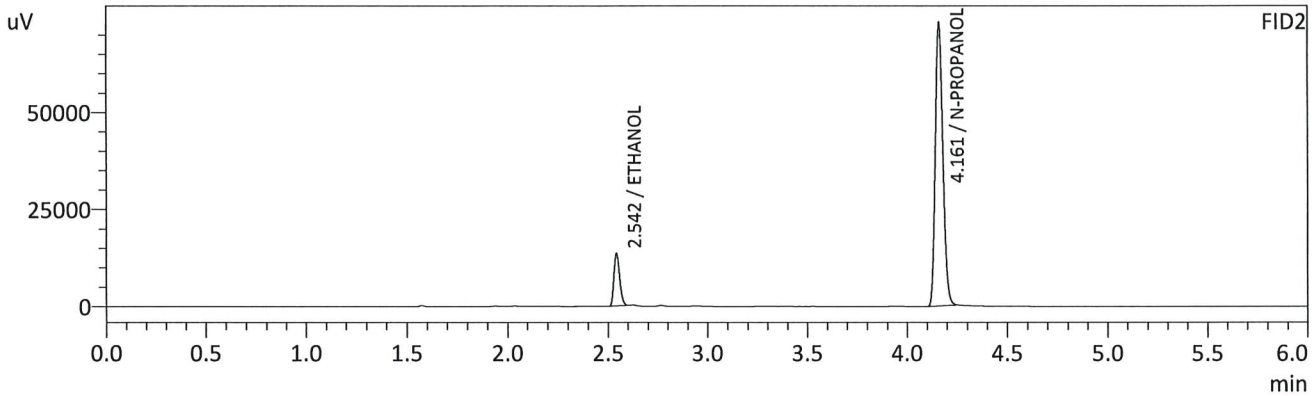
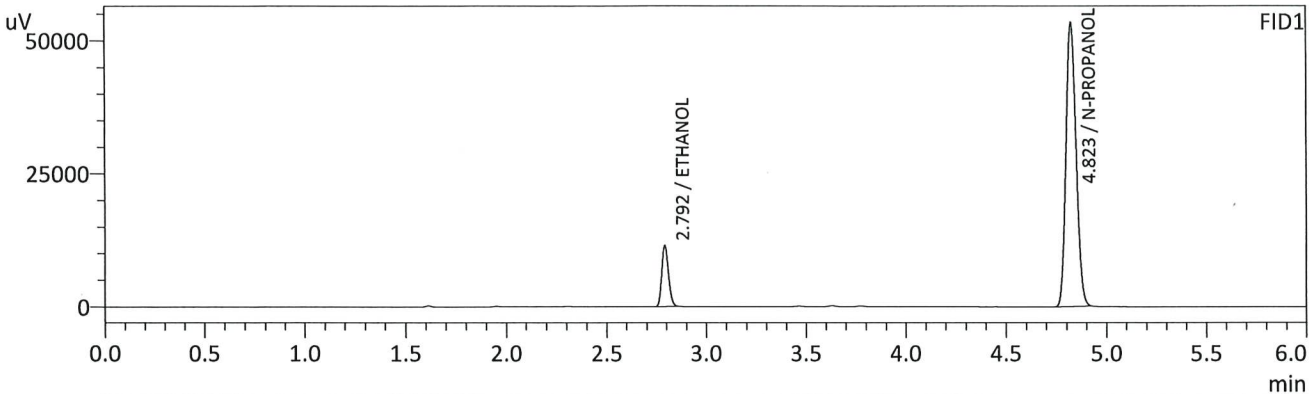
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	26698	11344
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185344	52764
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0863	g/100cc	27016	13409
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	191623	72193
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-3-B
 Vial # : 53
 Data Filename : QC1-3-B_562023_053.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 7:31:53 PM
 Date Processed : 5/6/2023 7:37:54 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

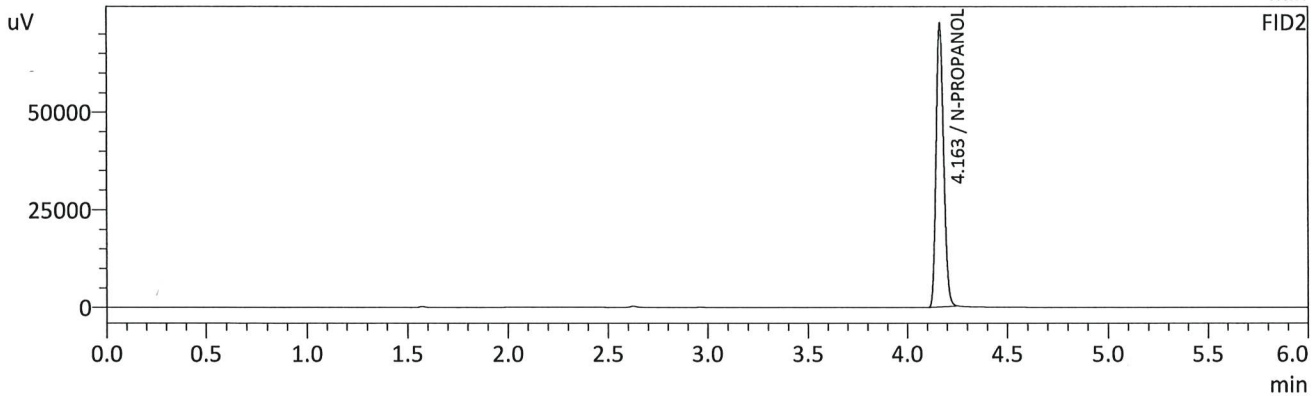
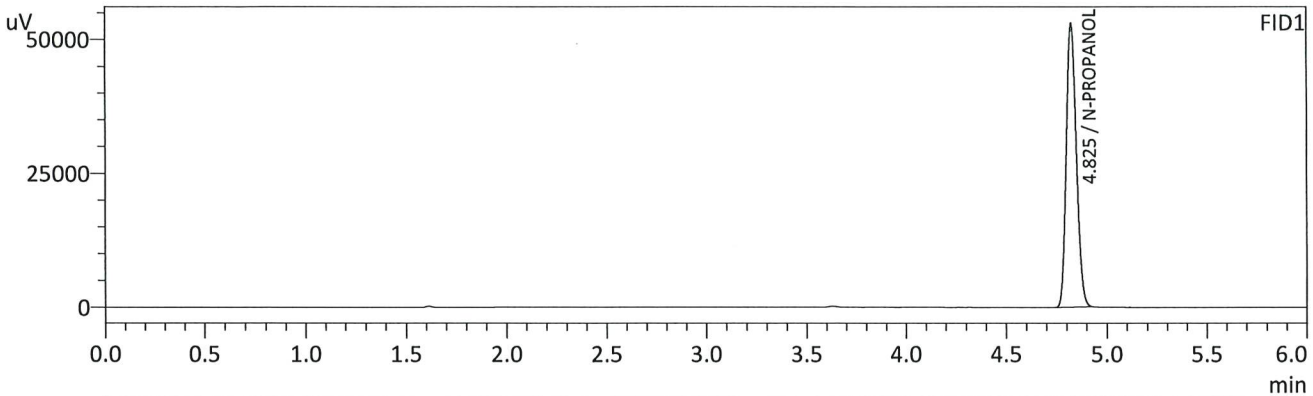
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	26855	11383
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	186471	53338
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0862	g/100cc	27165	13558
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	192919	73017
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
 Vial # : 54
 Data Filename : INT STD BLK 3_562023_054.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05062023_RC.gcb
 Date Acquired : 5/6/2023 7:41:10 PM
 Date Processed : 5/6/2023 7:47:11 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_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	184866	52914
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	191227	71949
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

Copyright (C) 2008-2022 Shimadzu Corporation. All rights reserved.

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	INT STD BLK 1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL_05052023_RC.gcm	MULTI-COMP MIX_1292021_001.gcd	1
3	INT STD BLK 2	0:Unknown	ALCOHOL_05052023_RC.gcm		0
4	QC1-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
5	QC1-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
6	0.08 QA	0:Unknown	ALCOHOL_05052023_RC.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
8	P2023-1231-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
9	P2023-1231-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
10	P2023-1247-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
11	P2023-1247-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
12	P2023-1255-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
13	P2023-1255-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
14	P2023-1277-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
15	P2023-1277-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
16	P2023-1280-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
17	P2023-1280-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
18	P2023-1305-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
19	P2023-1305-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
20	P2023-1307-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
21	P2023-1307-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
22	P2023-1322-2	0:Unknown	ALCOHOL_05052023_RC.gcm		0
23	P2023-1322-2-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
24	P2023-1343-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
25	P2023-1343-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
26	QC2-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
27	QC2-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
28	P2023-1344-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
29	P2023-1344-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
30	P2023-1351-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
31	P2023-1351-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
32	P2023-1369-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
33	P2023-1369-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
34	P2023-1370-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
35	P2023-1370-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
36	P2023-1371-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
37	P2023-1371-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
38	P2023-1375-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
39	P2023-1375-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
40	P2023-1385-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
41	P2023-1385-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
42	P2023-1386-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
43	P2023-1386-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
44	P2023-1389-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
45	P2023-1389-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
46	P2023-1398-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
47	P2023-1398-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
48	QC1-2	0:Unknown	ALCOHOL_05052023_RC.gcm		0
49	QC1-2-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
50	P2023-1399-1	0:Unknown	ALCOHOL_05052023_RC.gcm		0
51	P2023-1399-1-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
52	QC1-3	0:Unknown	ALCOHOL_05052023_RC.gcm		0
53	QC1-3-B	0:Unknown	ALCOHOL_05052023_RC.gcm		0
54	INT STD BLK 3	0:Unknown	ALCOHOL_05052023_RC.gcm		0

Calibration Table

Laboratory: Pocatello
 Instrument Name : G1KG333-Instrument1

<<Data File>>
 Method File :Default Project - ALCOHOL_05052023_RC.gcm
 Batch File :Default Project - BATCH_05052023_RC.gcb
 Date Acquired :5/5/2023 3:28:46 PM
 Date Created :5/5/2023 3:25:19 PM
 Date Modified :5/6/2023 8:50:58 AM



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

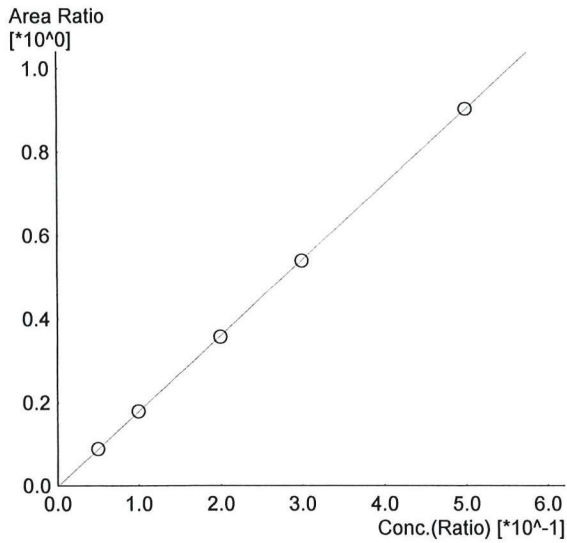
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

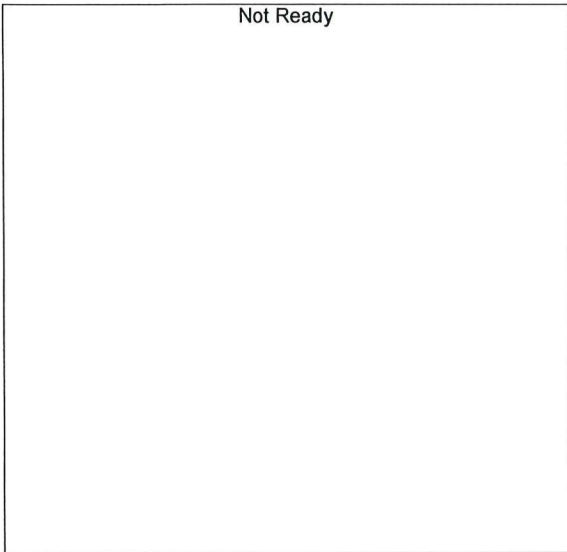
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

RC



Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=1.80878*x-0.00270055$
 R² value= 0.9999793 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	16195	0.0507	0.050_552023_001.gcd
2	0.100	33083	0.1003	0.100_552023_002.gcd
3	0.200	67204	0.1990	0.200_552023_003.gcd
4	0.300	101025	0.2992	0.300_552023_004.gcd
5	0.500	171415	0.5007	0.500_552023_005.gcd



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

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



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

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

RC

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
---	-------	------	------------	----------------

Not Ready

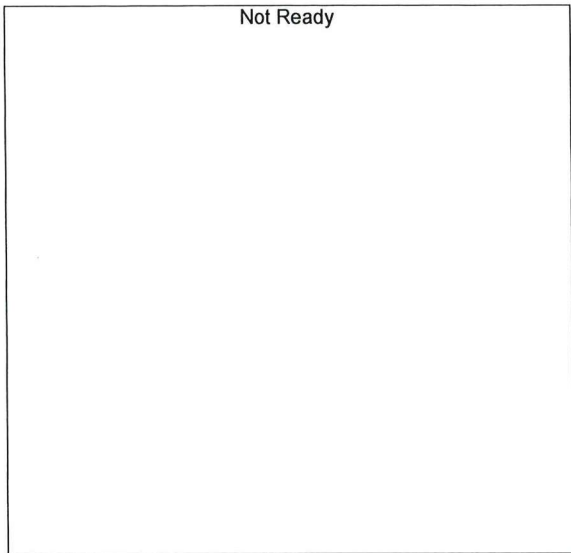
Name : TFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

Not Ready

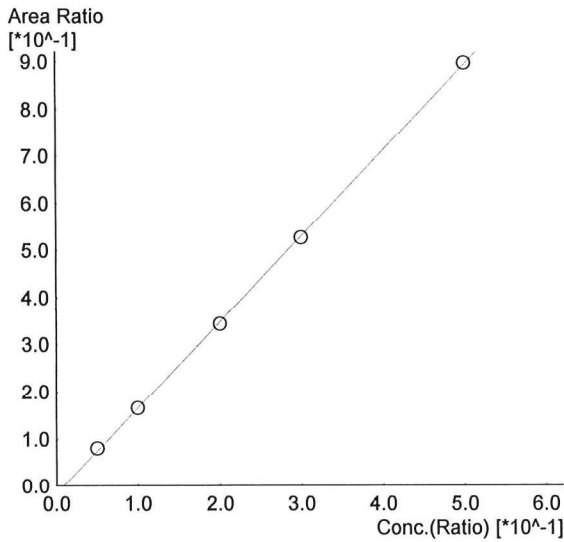
Name : ACETALDEHYDE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



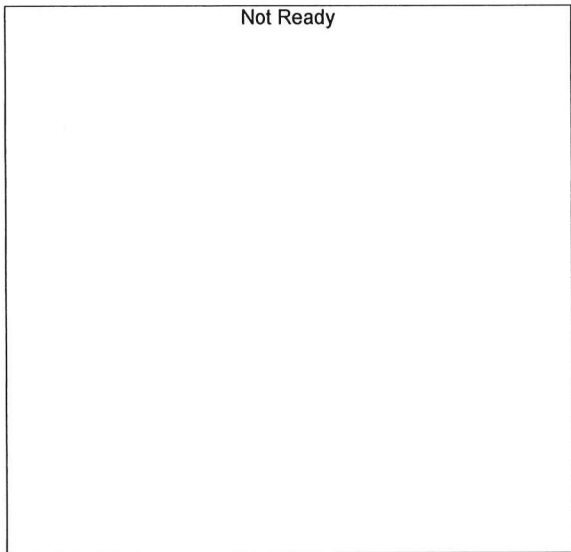
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=1.81799*x-0.0159150$
 R² value= 0.9998467 ✓
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	14776	0.0526	0.050_552023_001.gcd
2	0.100	31155	0.0997	0.100_552023_002.gcd
3	0.200	65469	0.1973	0.200_552023_003.gcd
4	0.300	99860	0.2984	0.300_552023_004.gcd
5	0.500	172051	0.5017	0.500_552023_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
---	-------	------	------------	----------------

RC

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

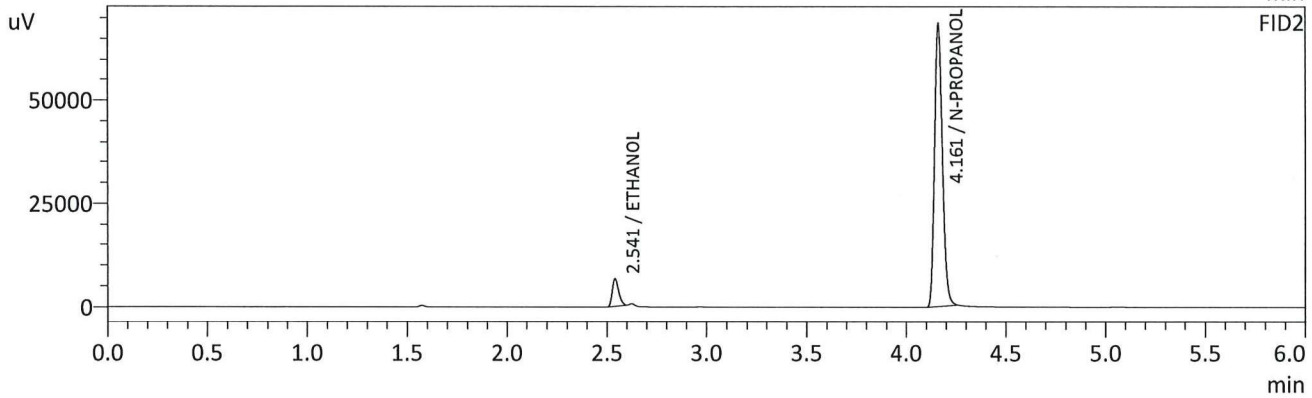
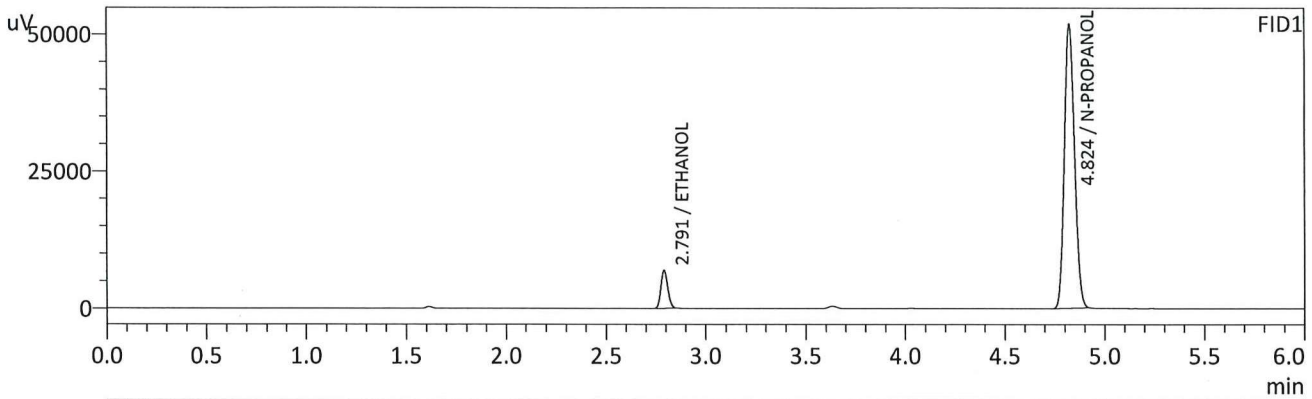
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

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_552023_001.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05052023_RC.gcb
 Date Acquired : 5/5/2023 2:50:40 PM
 Date Processed : 5/6/2023 8:50:45 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

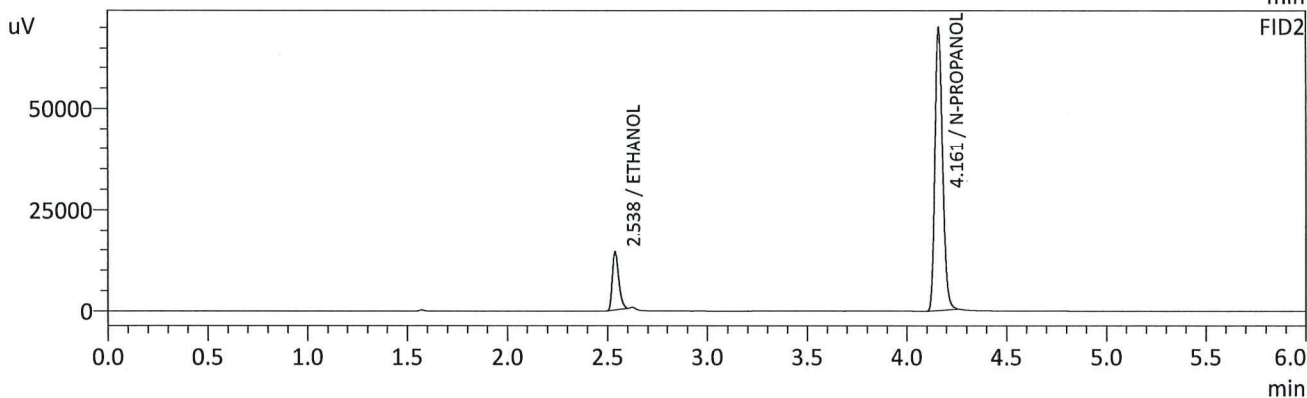
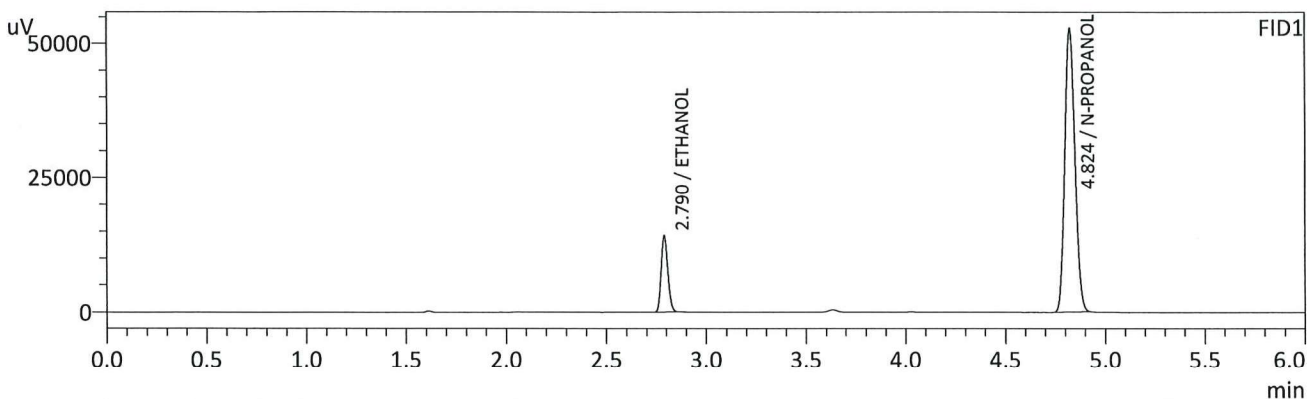
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0507	g/100cc	16195	6841
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	181918	51803
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0526	g/100cc	14776	6540
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185099	68428
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_552023_002.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05052023_RC.gcb
 Date Acquired : 5/5/2023 3:00:09 PM
 Date Processed : 5/6/2023 8:50:49 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

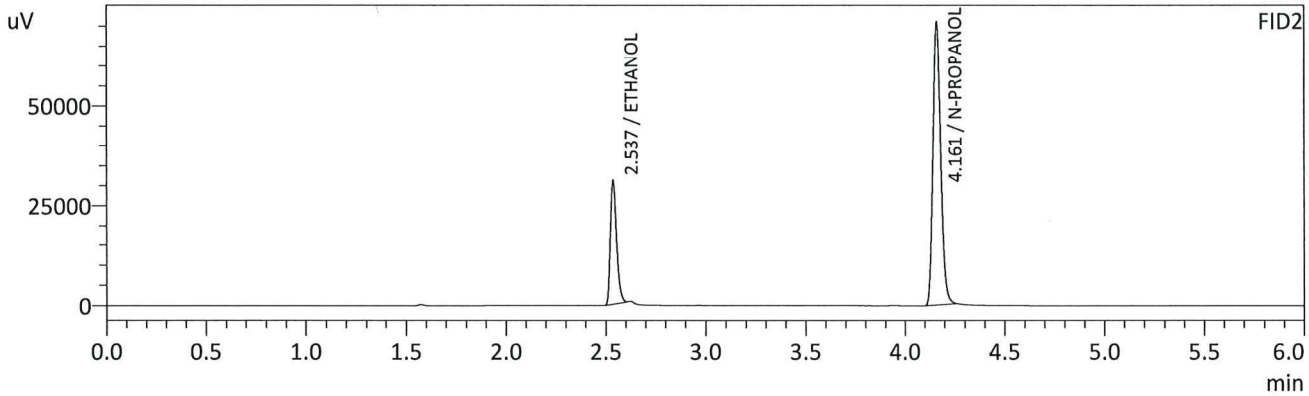
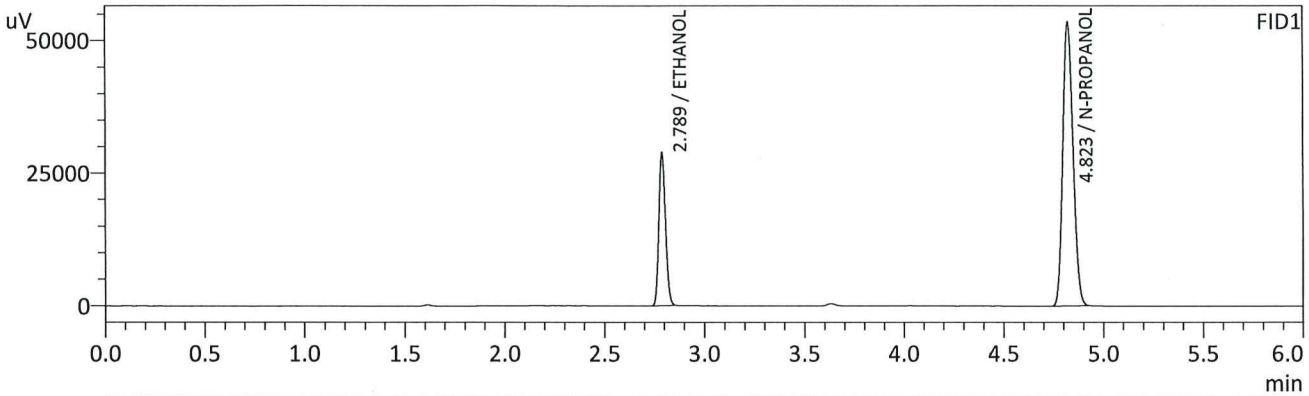
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	33083	14094
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	185089	52788
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0997	g/100cc	31155	14171
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188322	69826
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_552023_003.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05052023_RC.gcb
 Date Acquired : 5/5/2023 3:09:30 PM
 Date Processed : 5/6/2023 8:50:52 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

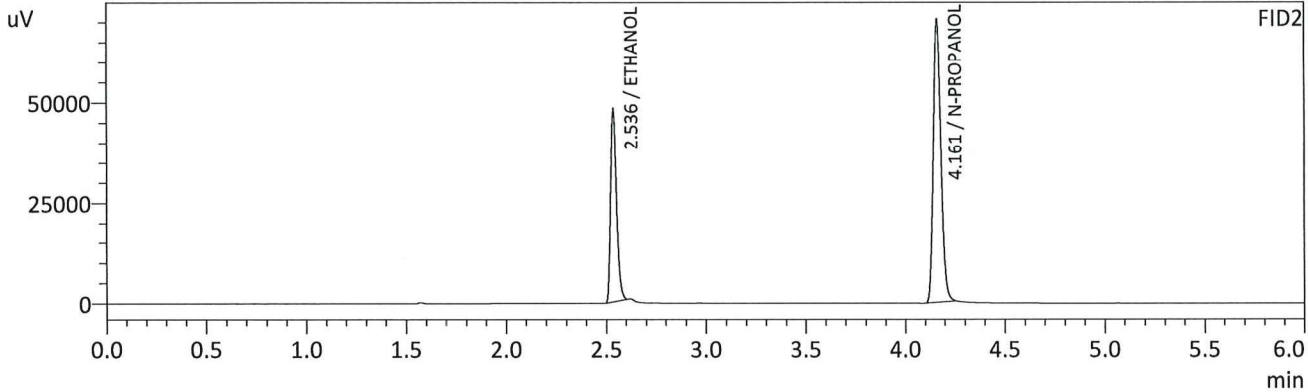
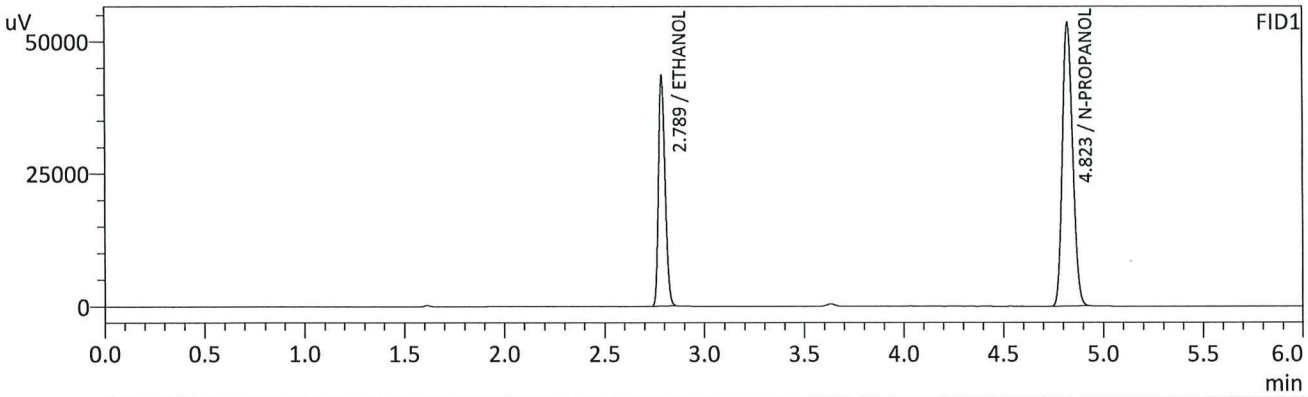
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1990	g/100cc	67204	28766
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188083	53467
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1973	g/100cc	65469	30918
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	190918	70815
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_552023_004.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05052023_RC.gcb
 Date Acquired : 5/5/2023 3:19:16 PM
 Date Processed : 5/6/2023 8:50:55 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

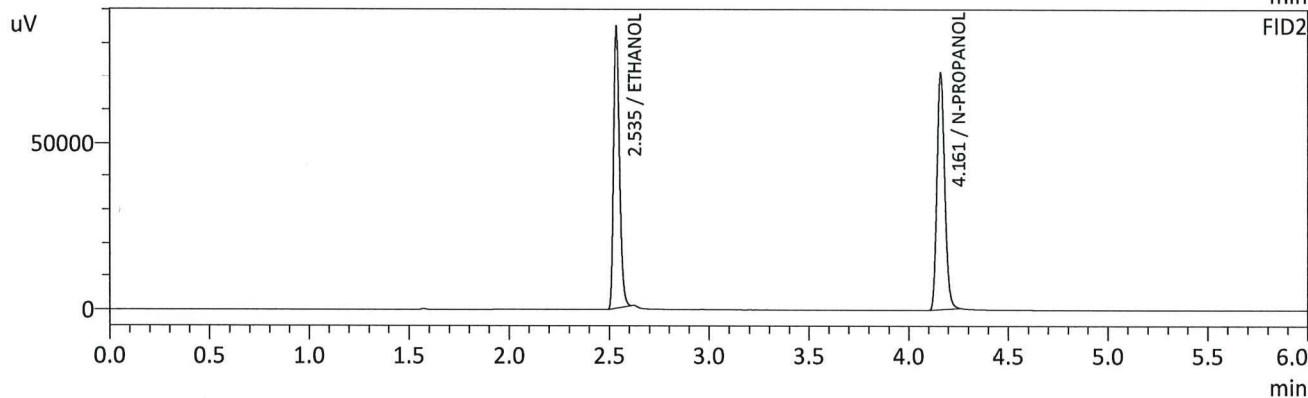
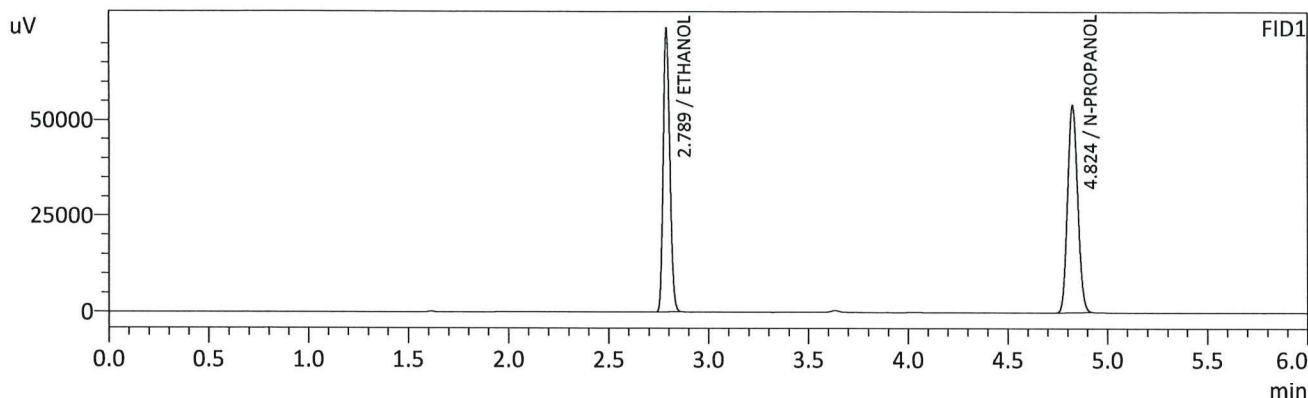
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2992	g/100cc	101025	43420
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187592	53462
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2984	g/100cc	99860	47892
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189619	70460
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_552023_005.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05052023_RC.gcb
 Date Acquired : 5/5/2023 3:28:46 PM
 Date Processed : 5/6/2023 8:50:58 AM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_RC.gcm



FID1

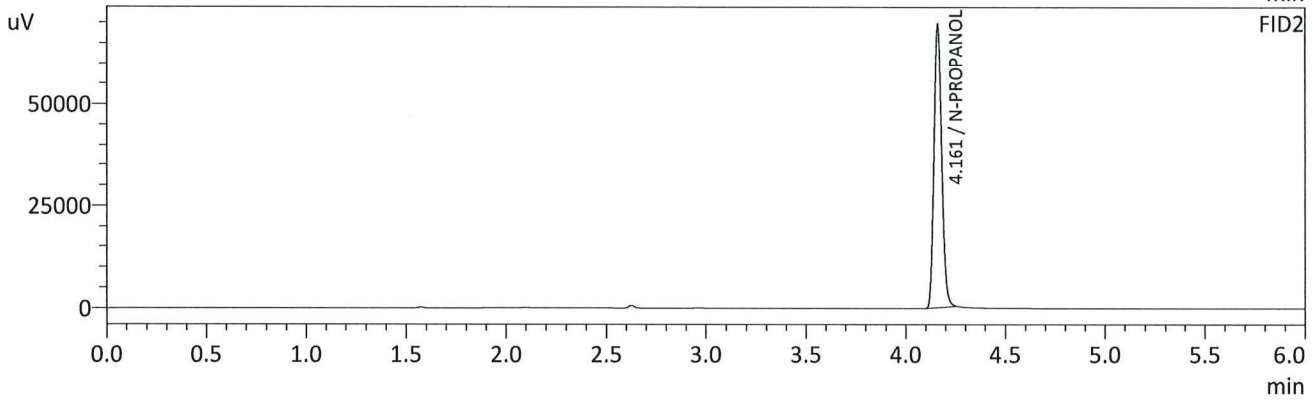
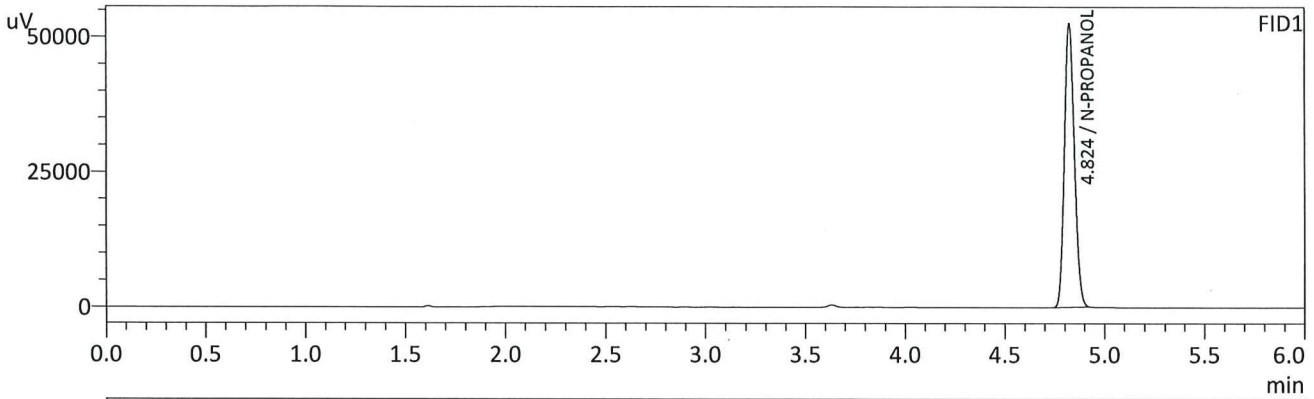
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5007	g/100cc	171415	73975
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	189832	54056
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5017	g/100cc	172051	84032
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	191956	71117
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Handwritten signature

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_552023_006.gcd
 Method Filename : ALCOHOL_05052023_RC.gcm
 Batch Filename : BATCH_05052023_RC.gcb
 Date Acquired : 5/5/2023 3:38:04 PM
 Date Processed : 5/5/2023 3:44:06 PM
 Default Project - G1KG333-Instrument1 - ALCOHOL_05052023_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	184185	52516
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	187332	69492
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC