

















15

11/12/2021

**Worklist: 5377**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2021-3675	1	BCK	Alcohol Analysis	
P2021-3676	1	BCK	Alcohol Analysis	
P2021-3677	1	BCK	Alcohol Analysis	
P2021-3678	1	BCK	Alcohol Analysis	
P2021-3679	1	BCK	Alcohol Analysis	
P2021-3680	1	BCK	Alcohol Analysis	
P2021-3681	1	BCK	Alcohol Analysis	
P2021-3682	1	BCK	Alcohol Analysis	
P2021-3683	1	BCK	Alcohol Analysis	
P2021-3704	1	BCK	Alcohol Analysis	
P2021-3707	1	BCK	Alcohol Analysis	
P2021-3713	1	BCK	Alcohol Analysis	
P2021-3714	1	BCK	Alcohol Analysis	
P2021-3720	1	BCK	Alcohol Analysis	
P2021-3721	1	BCK	Alcohol Analysis	
P2021-3731	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): 11/10/2021**

Calibration curve ran on 11/09/2021

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0737 g/100cc 0.0783 g/100cc g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2078 g/100cc g/100cc g/100cc
<b>Multi-Component mixture:</b>		<b>Lot #</b>	<b>FN06041902</b>	<b>ok</b>	
<b>Curve Fit:</b>		<b>Column 1</b>	<b>0.99970</b>	<b>Column2</b>	<b>0.99948</b>

**Ethanol Calibration Reference Material**

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0522	0.0536	0.001	0.0529
100	0.100	0.090 - 0.110	0.1015	0.1013	0.0002	0.1014
200	0.200	0.180 - 0.220	0.1969	0.1958	0.0011	0.1963
300	0.300	0.270 - 0.330	0.2964	0.2955	0.0009	0.2959
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5028	0.5037	0.0009	0.5032

**Aqueous Controls**

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.081 g/100cc

TS

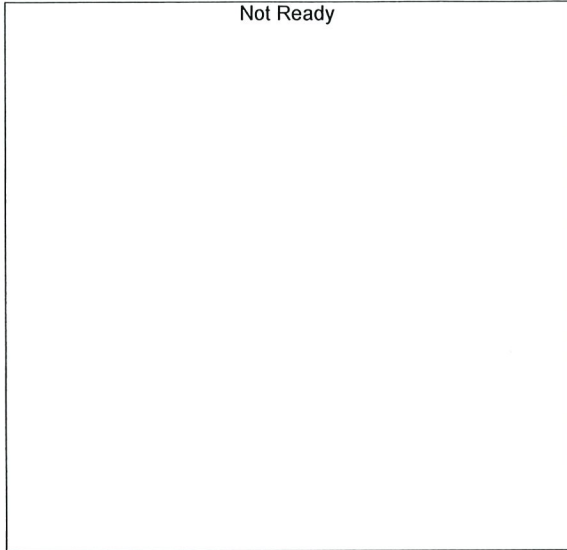
TS

# Calibration Table

Laboratory: Pocatello  
Instrument Name : GC2030-HS20

<<Data File>>  
Method File :C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm  
Batch File :C:\LabSolutions\Data\2021\11-10-21\_TS\11-10-21\_TS\_post.gcb  
Date Acquired :11/10/2021 5:25:40 PM  
Date Created :11/10/2021 5:22:47 PM  
Date Modified :11/12/2021 7:23:54 AM

*calibration curve created on 11.9.21, TS 11.12.21*



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

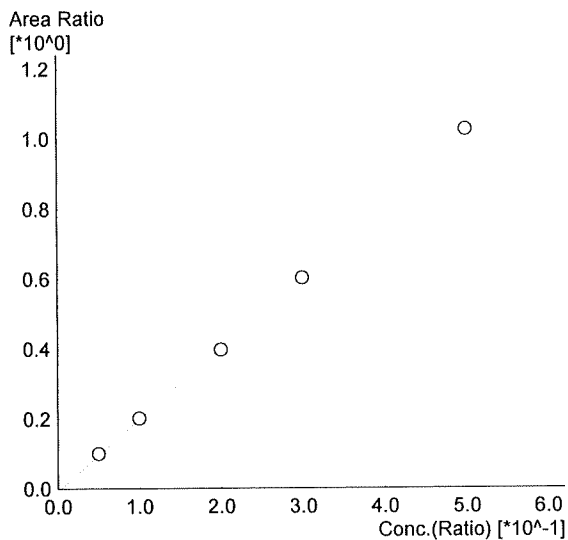
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

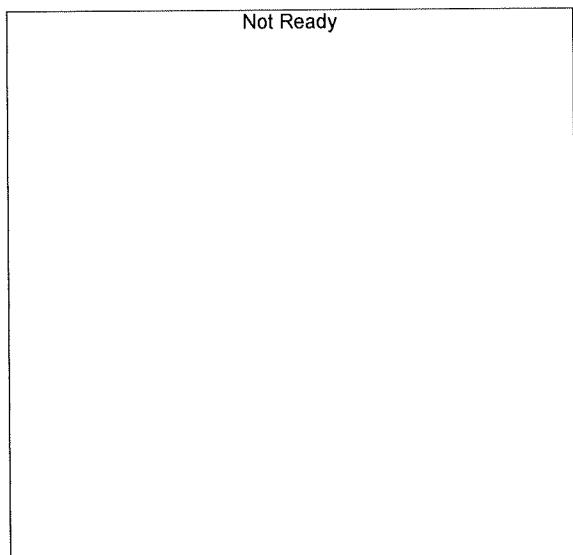
#	Conc.	Area	Std. Conc.	Data File Name
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TS



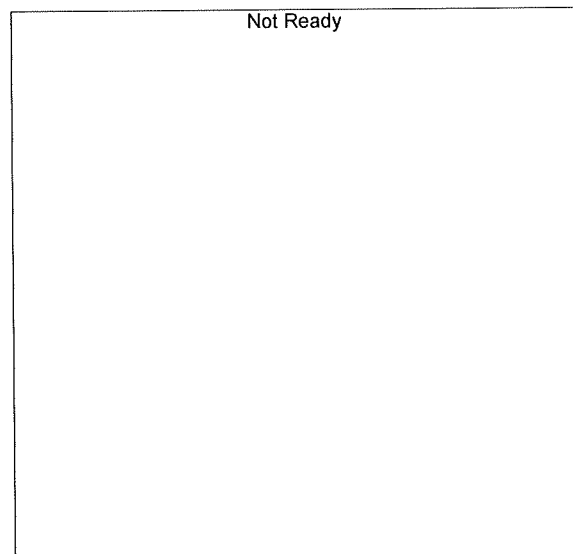
Name : ETHANOL  
 Detector Name: FID1  
 Function :  $f(x)=2.05149*x-0.00729619$   
 R<sup>2</sup> value= 0.9997088 ✓  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	13988	0.0522	0.050_1192021_001.gcd
2	0.100	28858	0.1015	0.100_1192021_002.gcd
3	0.200	61599	0.1969	0.200_1192021_003.gcd
4	0.300	89390	0.2964	0.300_1192021_004.gcd
5	0.500	158736	0.5028	0.500_1192021_005.gcd



Name : ISOPROPYL ALCOHOL  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

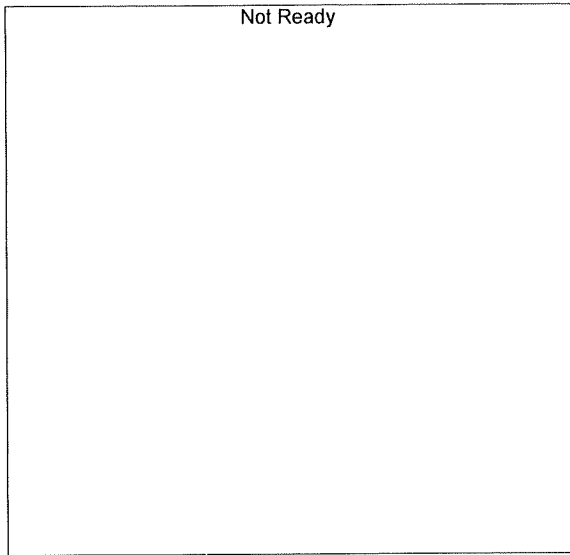
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETONE  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

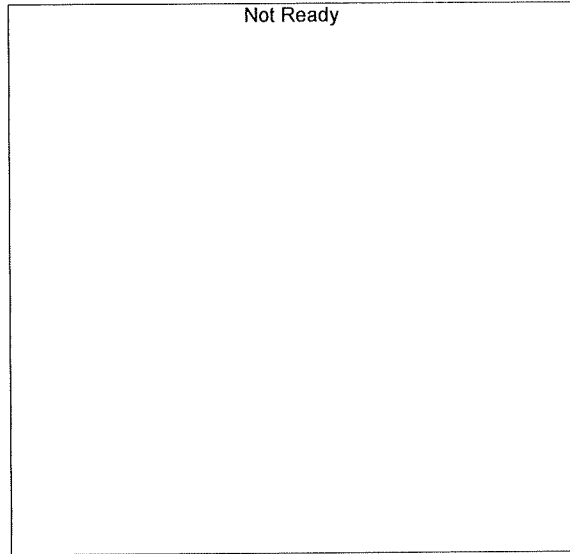
#	Conc.	Area	Std. Conc.	Data File Name
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TS



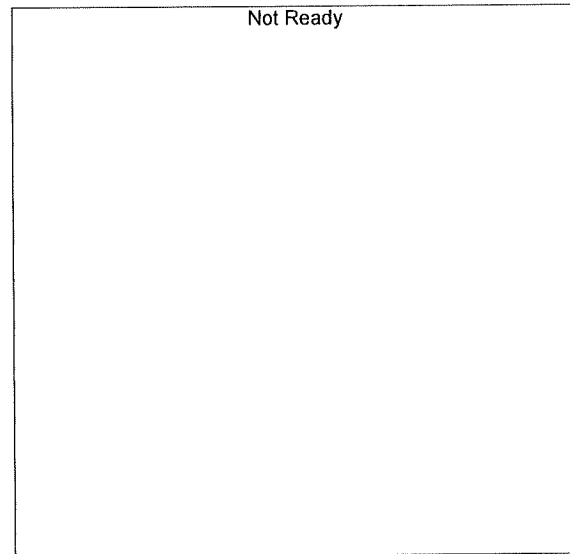
Name : DFE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

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

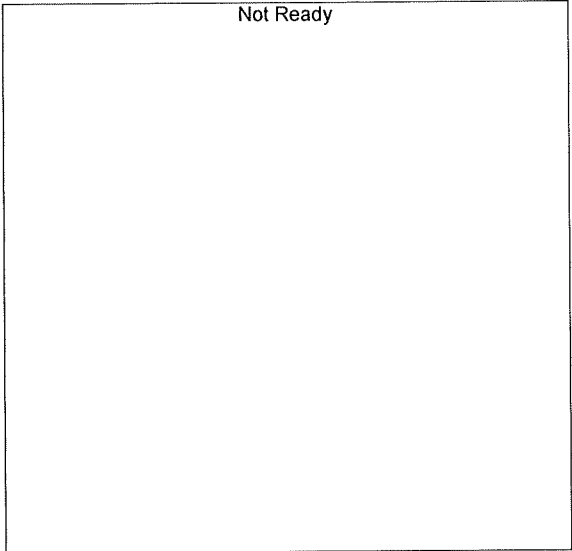
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

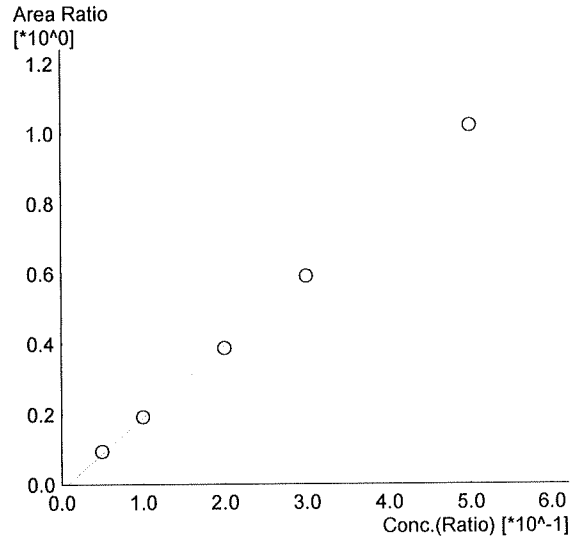
#	Conc.	Area	Std. Conc.	Data File Name
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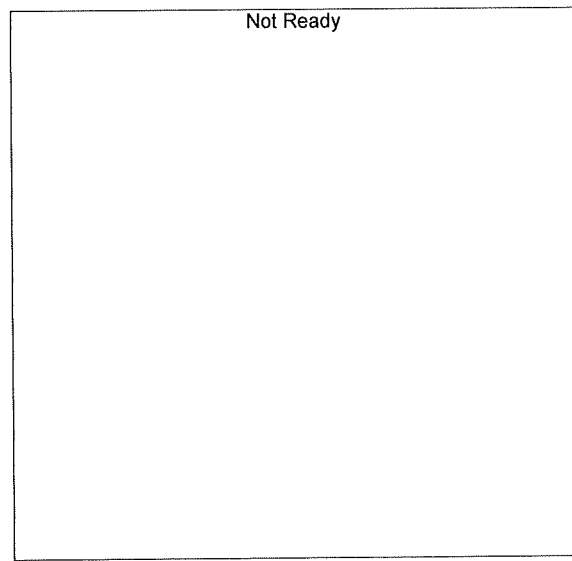
Name : METHANOL  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R^2 value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL  
 Detector Name: FID2  
 Function :  $f(x)=2.06215*x-0.0166262$   
 R^2 value= 0.9994815  
 FitType: Linear  
 ZeroThrough: Not Through

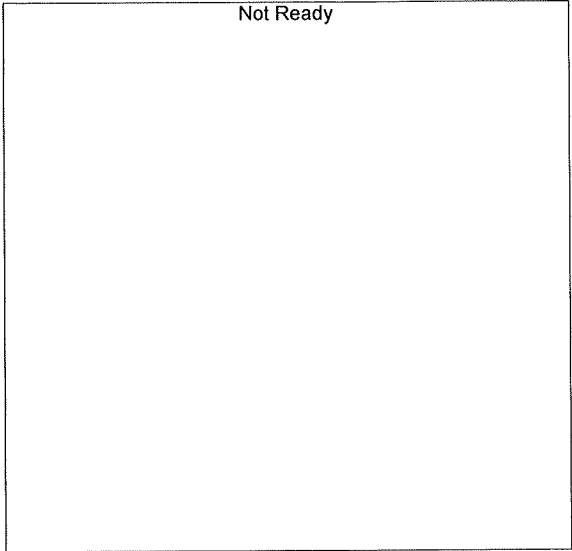
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	13896	0.0536	0.050_1192021_001.gcd
2	0.100	29133	0.1013	0.100_1192021_002.gcd
3	0.200	63226	0.1958	0.200_1192021_003.gcd
4	0.300	92493	0.2955	0.300_1192021_004.gcd
5	0.500	165787	0.5037	0.500_1192021_005.gcd



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

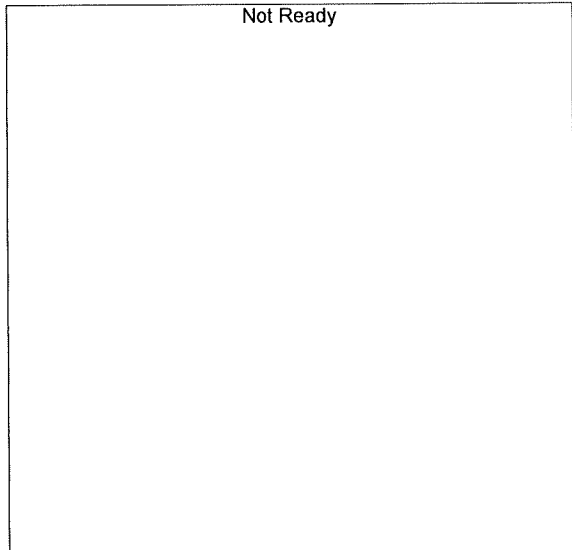
#	Conc.	Area	Std. Conc.	Data File Name
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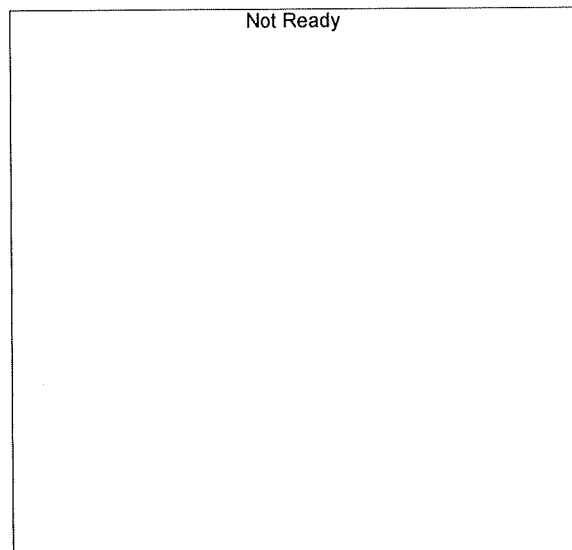
Name : ISOPROPYL ALCOHOL  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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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
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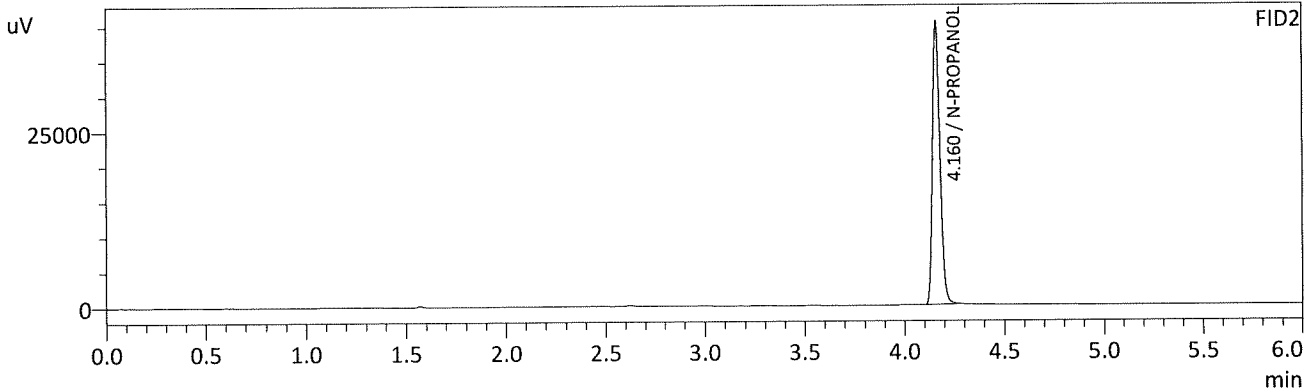
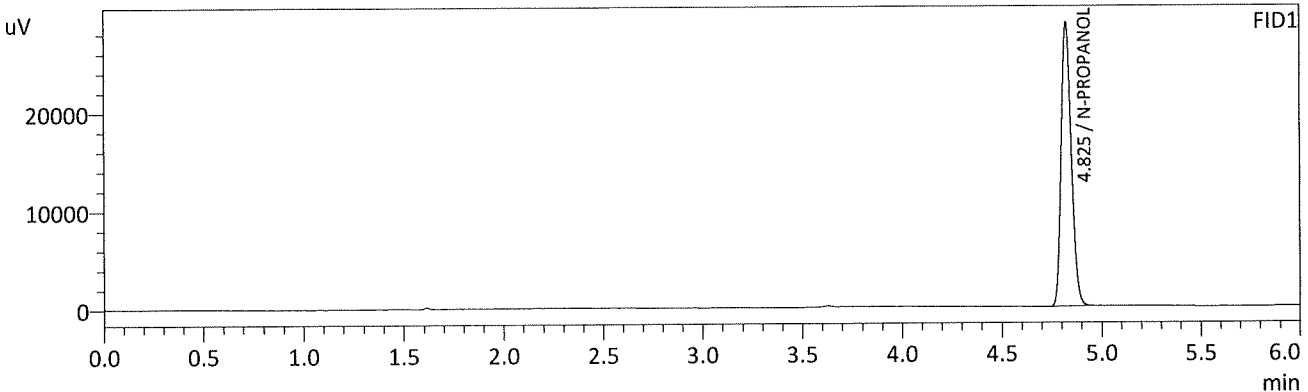


Name : TFE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

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

Sample Name : INT STD BLK 1  
 Vial # : 1  
 Data Filename : INT STD BLK 1\_11102021\_001.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 4:41:15 PM  
 Date Processed : 11/12/2021 7:23:48 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.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	102134	28895
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

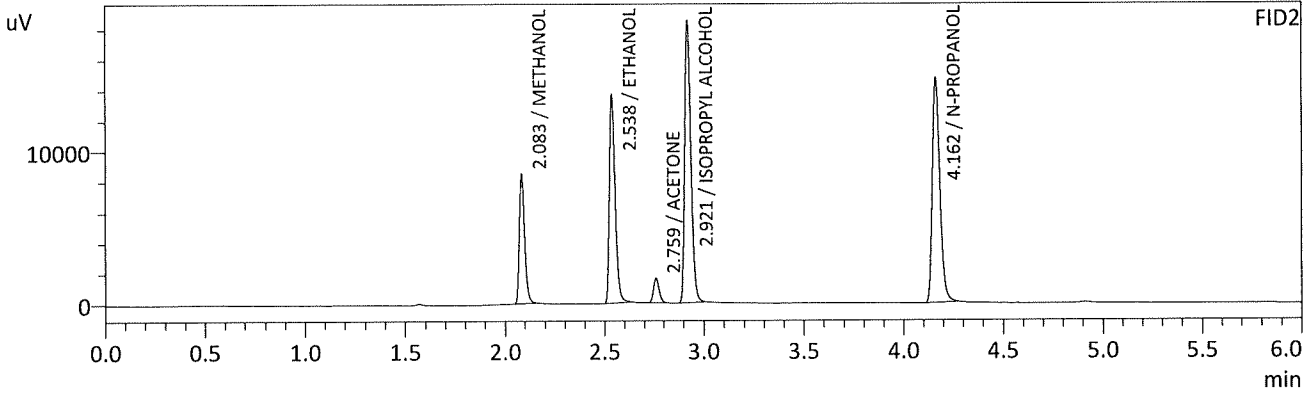
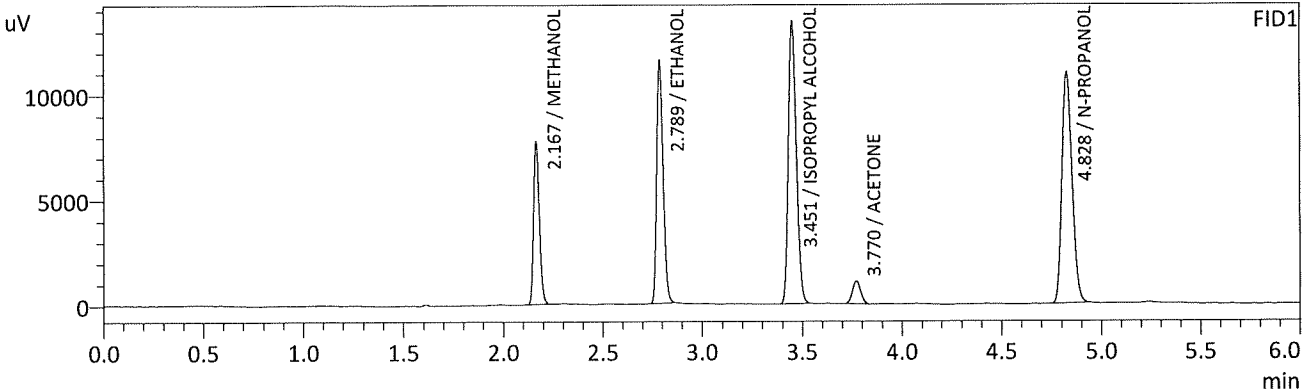
FID2

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	106660	40332
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



TS

Sample Name : MULTI-COMP MIX  
 Vial # : 2  
 Data Filename : MULTI-COMP MIX\_11102021\_002.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 4:50:01 PM  
 Date Processed : 11/12/2021 7:23:50 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

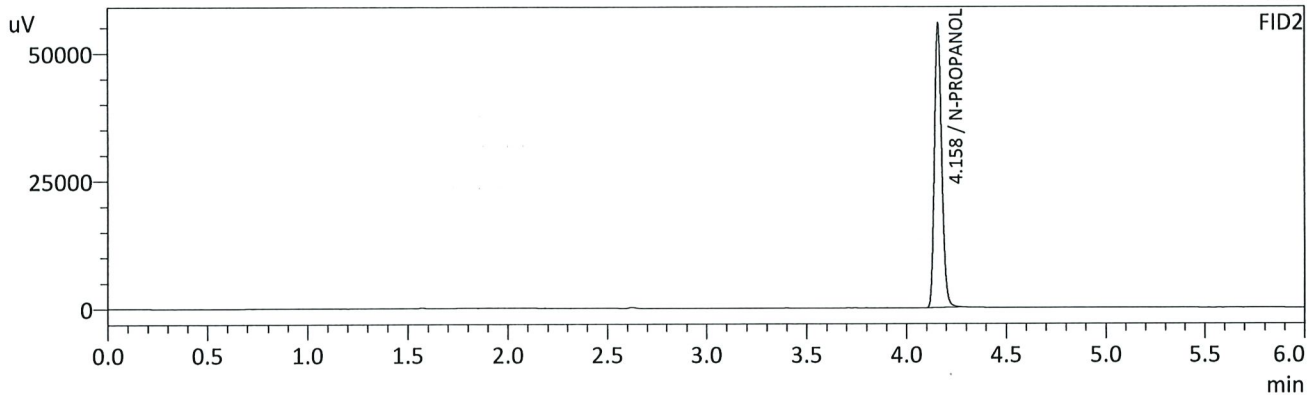
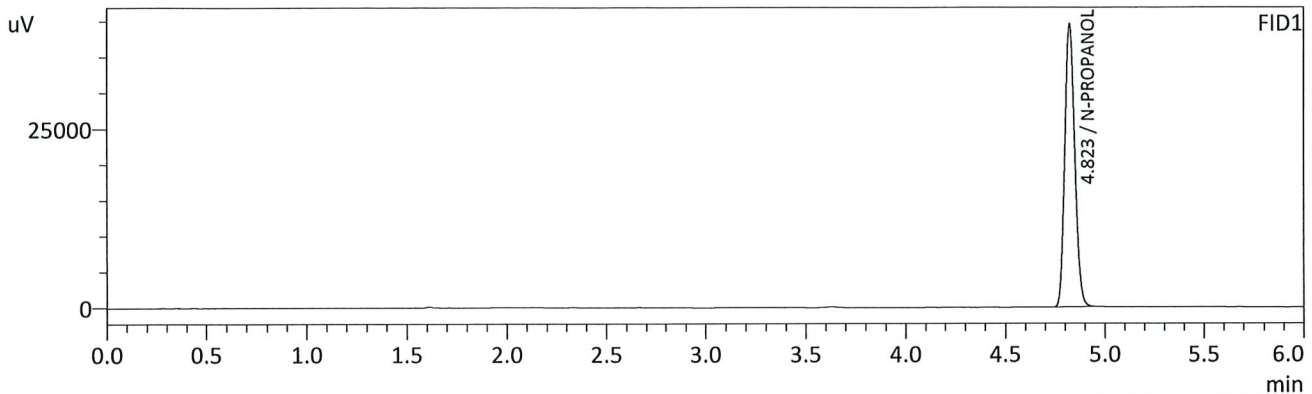
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	15562	7665
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.3410	g/100cc	26703	11503
ISOPROPYL ALCOHOL	0.0000	g/100cc	37462	13388
ACETONE	0.0000	g/100cc	3129	1081
N-PROPANOL	0.0000	g/100cc	38569	10938
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	15922	8420
ETHANOL	0.3431	g/100cc	27340	13612
ACETONE	0.0000	g/100cc	3276	1597
ISOPROPYL ALCOHOL	0.0000	g/100cc	38866	18330
N-PROPANOL	0.0000	g/100cc	39570	14693
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 2  
 Vial # : 3  
 Data Filename : INT STD BLK 2\_11102021\_003.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 4:59:05 PM  
 Date Processed : 11/12/2021 7:23:51 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.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	138598	39556
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	145548	55149
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC 1-1

Analysis Date(s): 11/10/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0735	0.0737	0.0002	0.0736	0.0002	0.0737
(g/100cc)	0.0736	0.0740	0.0004	0.0738		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

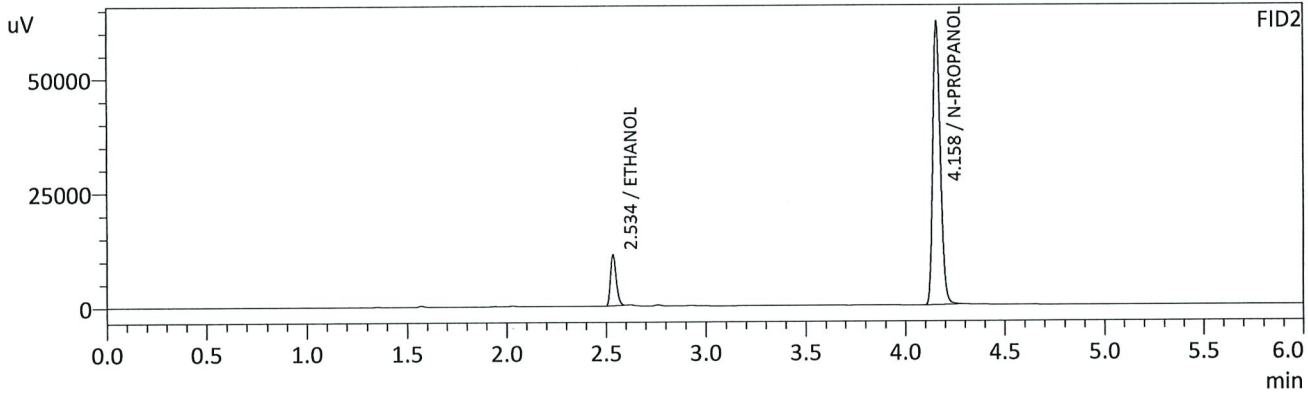
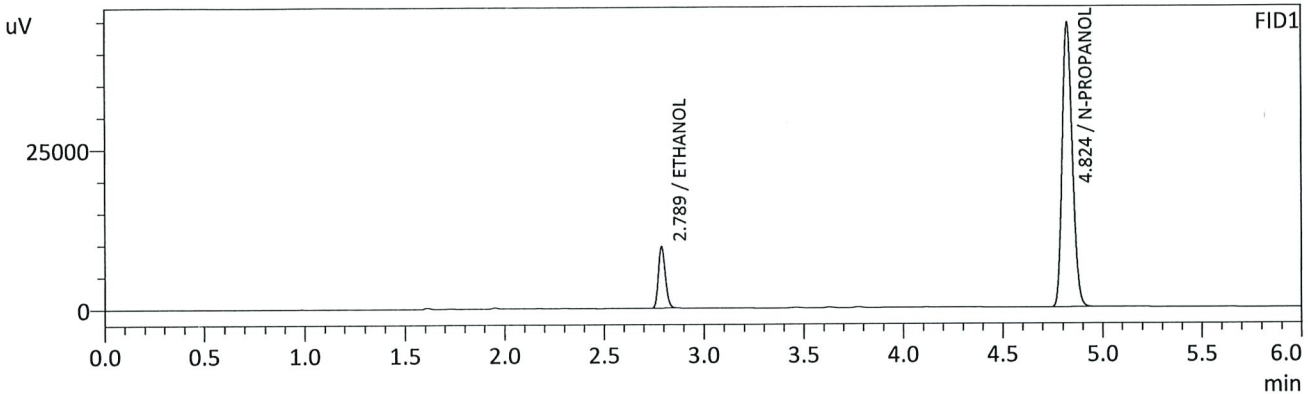
Overall Mean (g/100cc)	Low	High	5% of Mean
0.073	0.069	0.077	0.004

Reported Result	
0.073	

*Calibration and control data are stored centrally.*

TS

Sample Name : QC-1-1-A  
 Vial # : 4  
 Data Filename : QC-1-1-A\_11102021\_004.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 5:07:44 PM  
 Date Processed : 11/12/2021 7:23:52 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

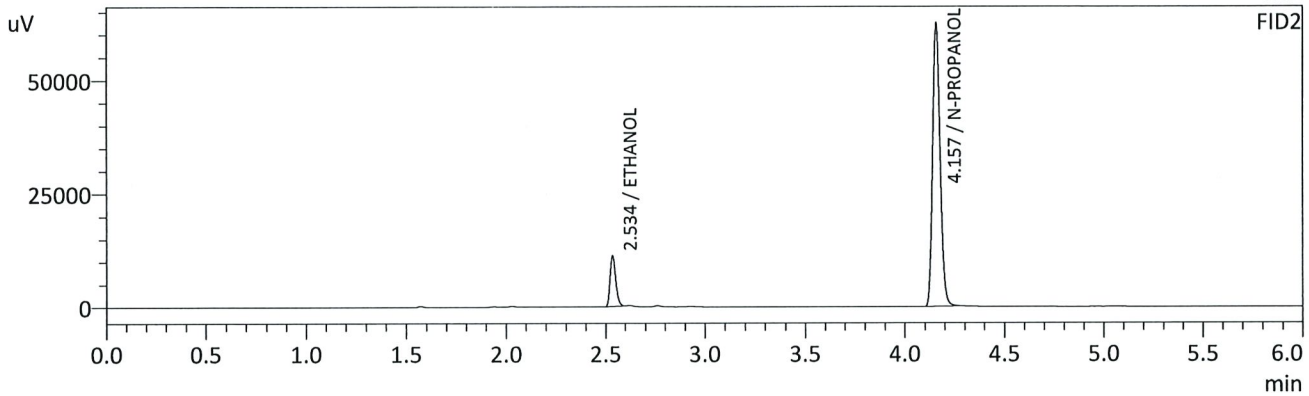
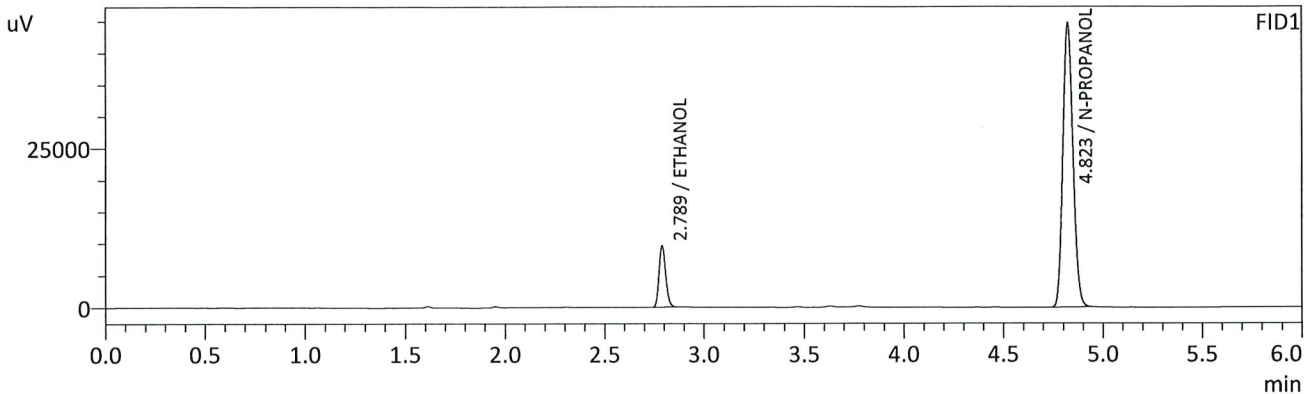
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0735	g/100cc	22544	9548
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156997	44496
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0737	g/100cc	22247	10978
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164201	61450
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC-1-1-B  
 Vial # : 5  
 Data Filename : QC-1-1-B\_11102021\_005.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 5:16:39 PM  
 Date Processed : 11/12/2021 7:23:53 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0736	g/100cc	22536	9575
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156791	44671
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0740	g/100cc	22335	11015
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164136	62261
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: 0.08 QA

Analysis Date(s): 11/10/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0817	0.0813	0.0004	0.0815	0.0009	0.0819
(g/100cc)	0.0826	0.0823	0.0003	0.0824		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

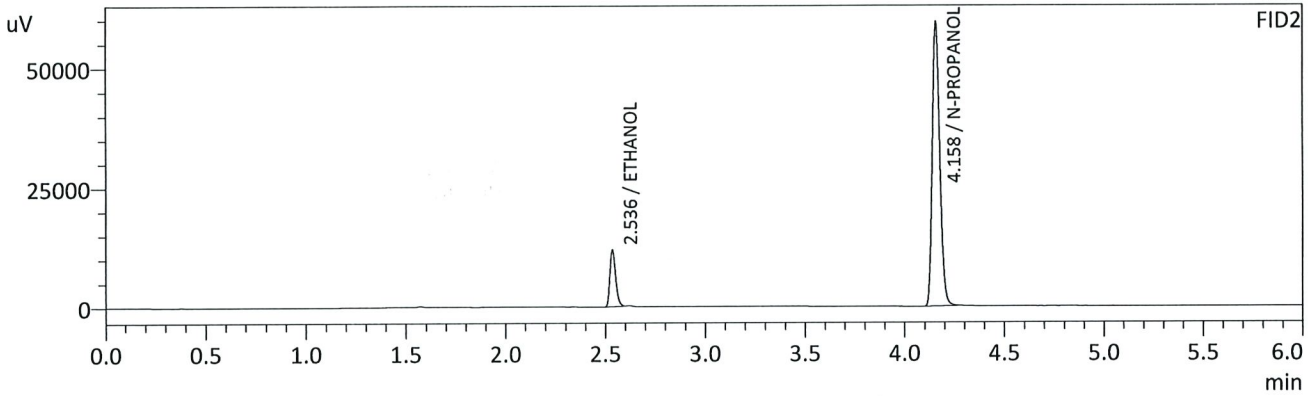
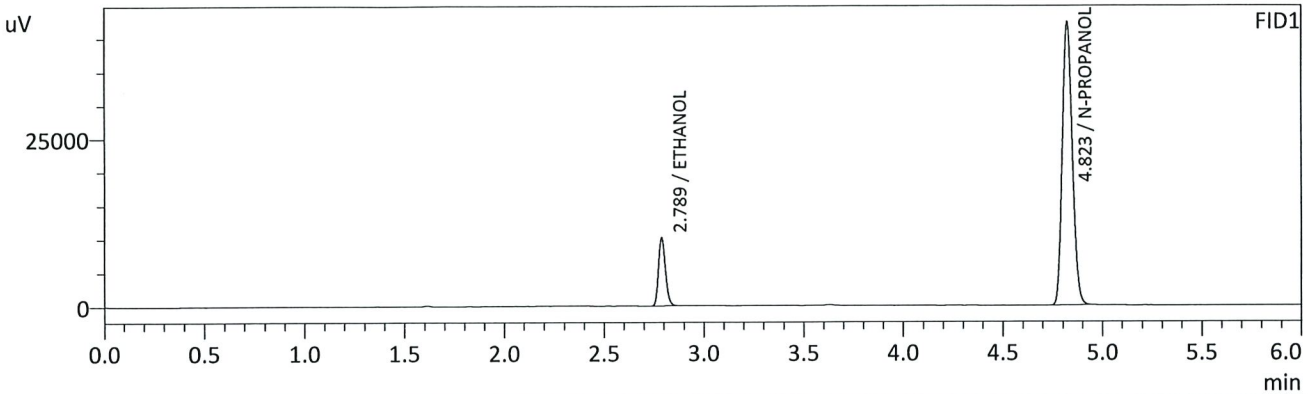
Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

Reported Result	
0.081	

*Calibration and control data are stored centrally.*

TS

Sample Name : 0.08 QA - A  
 Vial # : 6  
 Data Filename : 0.08 QA - A\_11102021\_006.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 5:25:40 PM  
 Date Processed : 11/12/2021 7:23:54 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

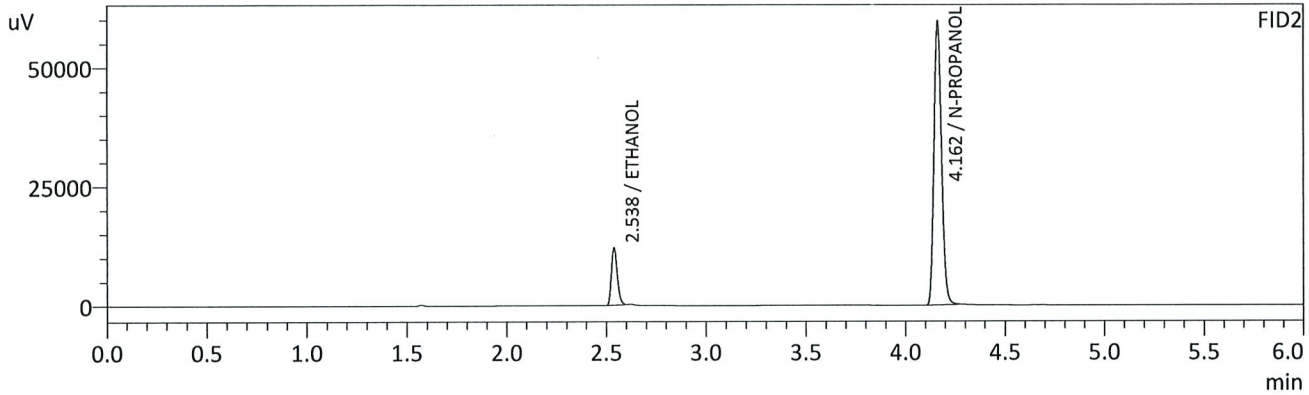
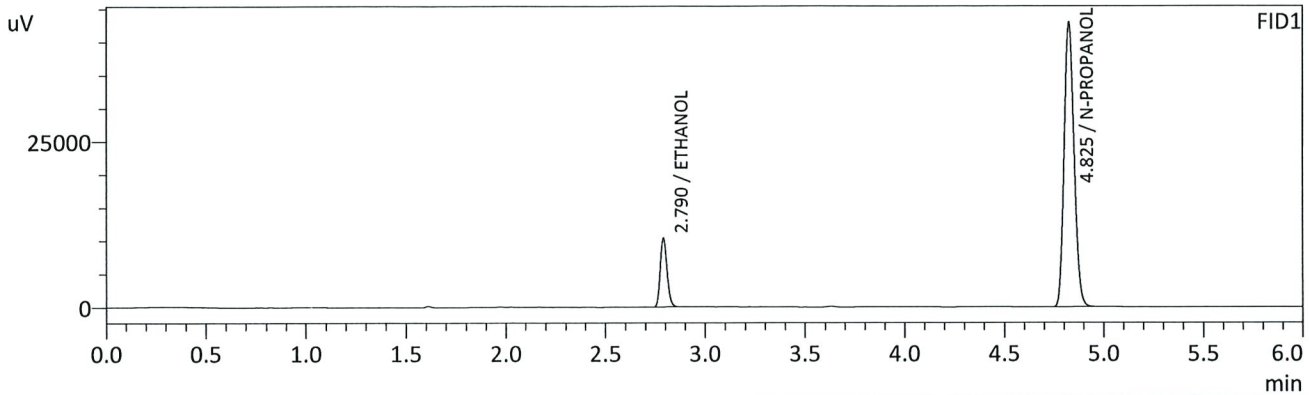
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0817	g/100cc	23851	10127
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	148607	42271
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	23606	11836
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156206	59019
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.08 QA - B  
 Vial # : 7  
 Data Filename : 0.08 QA - B\_11102021\_007.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 5:34:21 PM  
 Date Processed : 11/12/2021 7:23:55 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0826	g/100cc	24477	10306
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	150934	42751
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0823	g/100cc	24108	11958
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	157433	59438
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



15

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC 2-1

Analysis Date(s): 11/10/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2091	0.2073	0.0018	0.2082	0.0008	0.2078
(g/100cc)	0.2081	0.2068	0.0013	0.2074		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

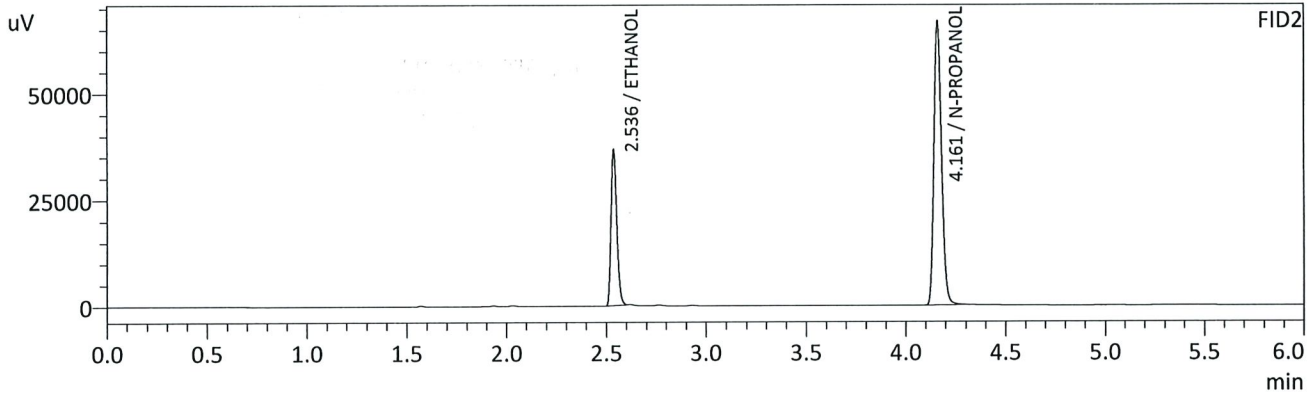
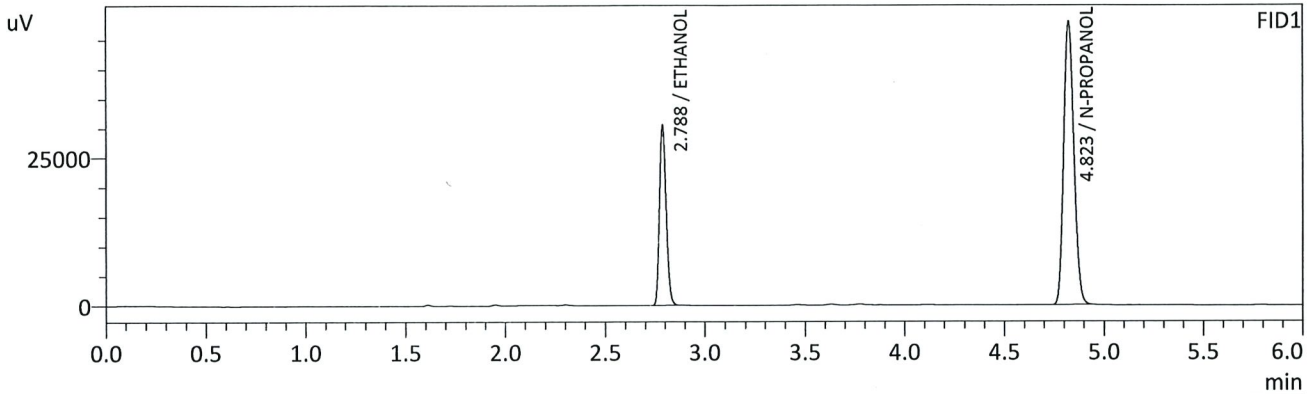
Overall Mean (g/100cc)	Low	High	5% of Mean
0.207	0.196	0.218	0.011

Reported Result	
0.207	

*Calibration and control data are stored centrally.*

B

Sample Name : QC-2-1-A  
 Vial # : 26  
 Data Filename : QC-2-1-A\_11102021\_026.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 8:22:41 PM  
 Date Processed : 11/12/2021 7:24:17 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

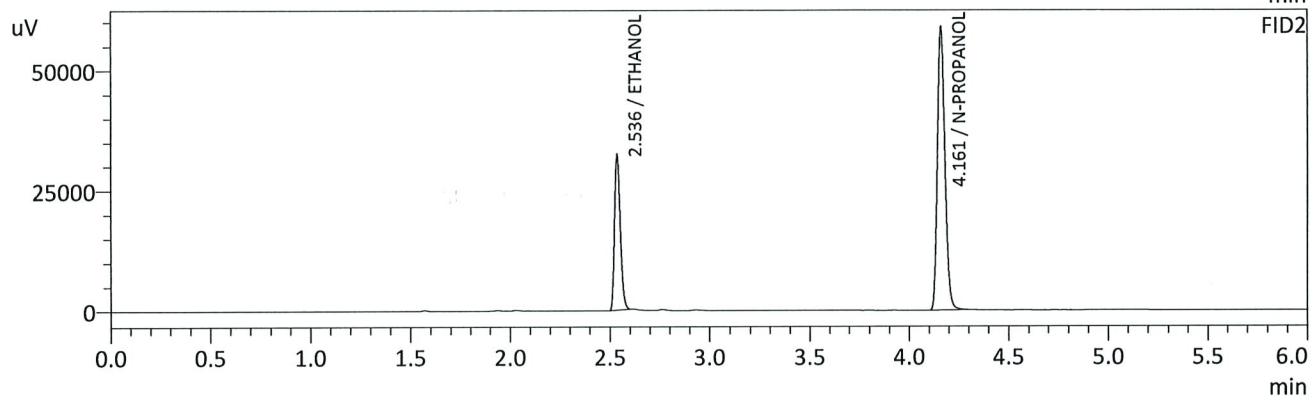
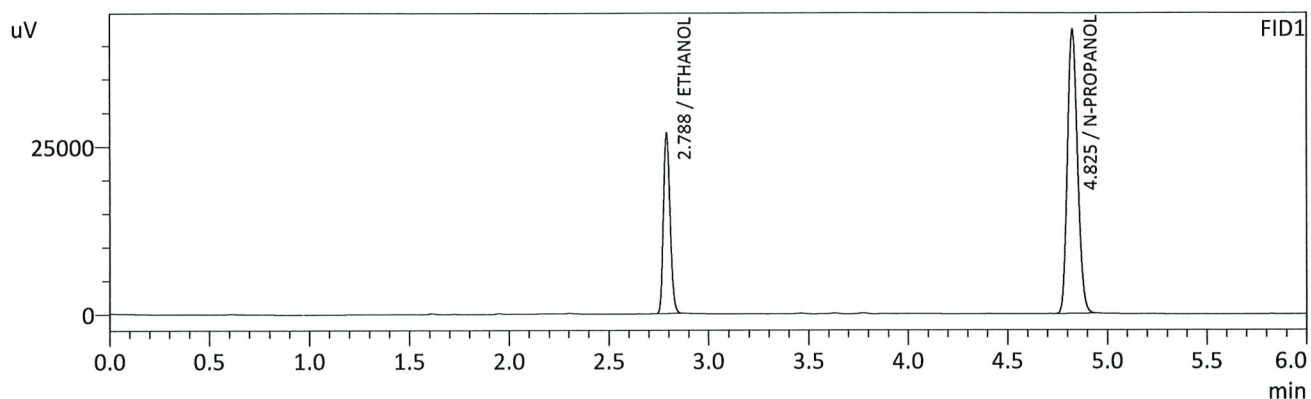
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2091	g/100cc	71541	30448
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169638	48018
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2073	g/100cc	72585	36608
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176595	66754
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : QC-2-1-B  
 Vial # : 27  
 Data Filename : QC-2-1-B\_11102021\_027.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 8:31:43 PM  
 Date Processed : 11/12/2021 7:24:18 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2081	g/100cc	62485	26802
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	148884	42207
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2068	g/100cc	63734	32292
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	155497	58927
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC 1-2

Analysis Date(s): 11/10/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0784	0.0780	0.0004	0.0782	0.0003	0.0783
(g/100cc)	0.0786	0.0785	0.0001	0.0785		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

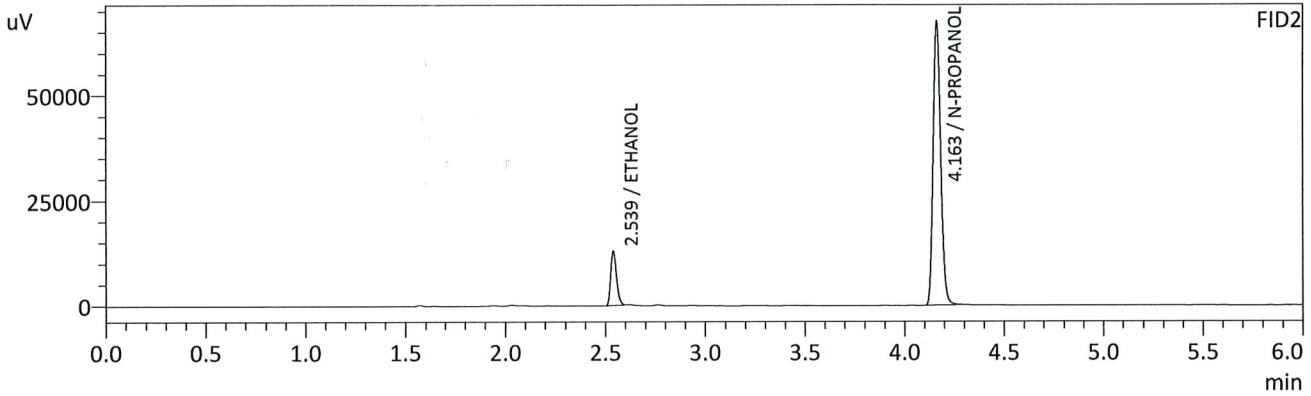
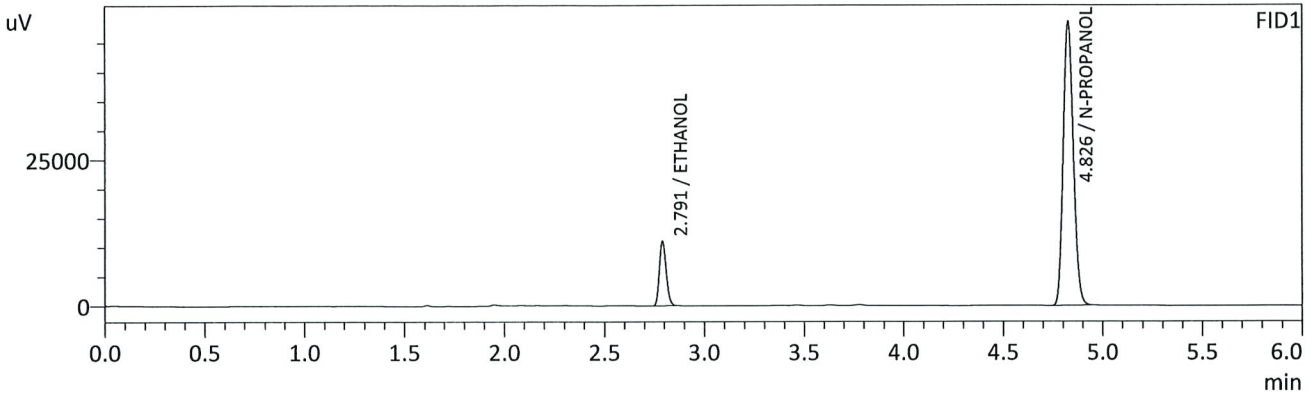
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

Reported Result	
0.078	

*Calibration and control data are stored centrally.*

15

Sample Name : QC1-2-A  
 Vial # : 42  
 Data Filename : QC1-2-A\_11102021\_042.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 10:44:38 PM  
 Date Processed : 11/12/2021 7:24:35 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

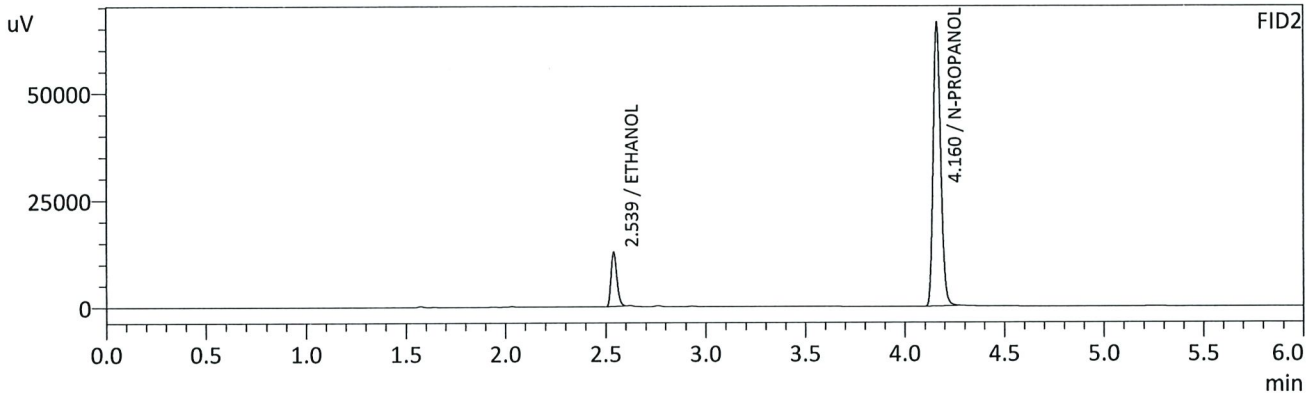
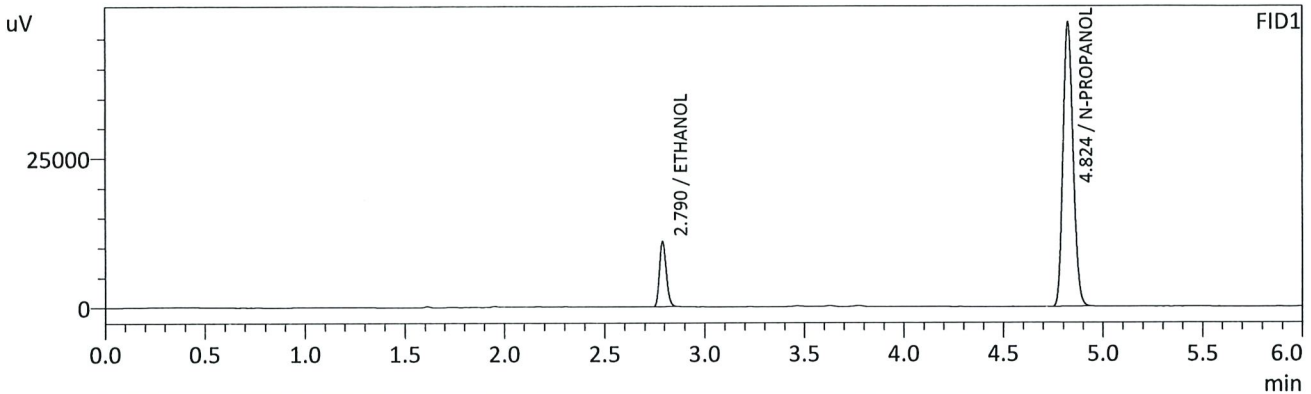
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0784	g/100cc	26265	10986
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171038	48392
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0780	g/100cc	25760	12667
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178372	67026
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : QC1-2-B  
 Vial # : 43  
 Data Filename : QC1-2-B\_11102021\_043.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 10:53:20 PM  
 Date Processed : 11/12/2021 7:24:36 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

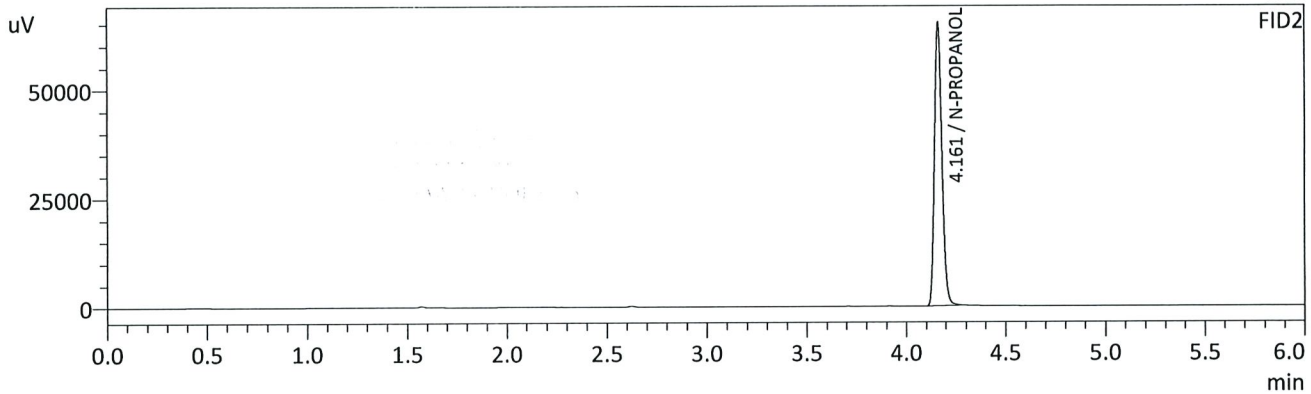
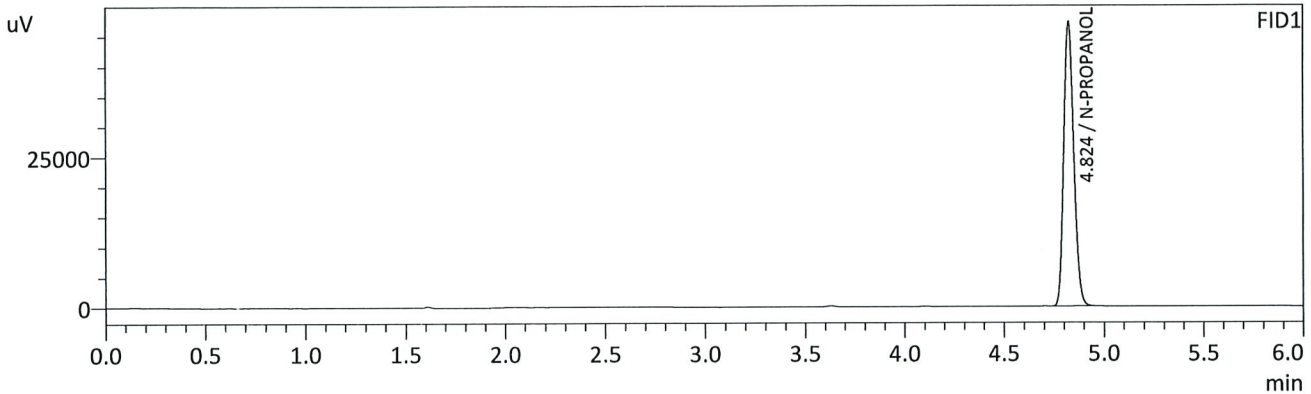
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0786	g/100cc	25837	10855
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167683	47617
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0785	g/100cc	25388	12546
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174688	66209
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : INT STD BLK 3  
 Vial # : 44  
 Data Filename : INT STD BLK 3\_11102021\_044.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 11:02:12 PM  
 Date Processed : 11/12/2021 7:24:37 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.gcm



FID1

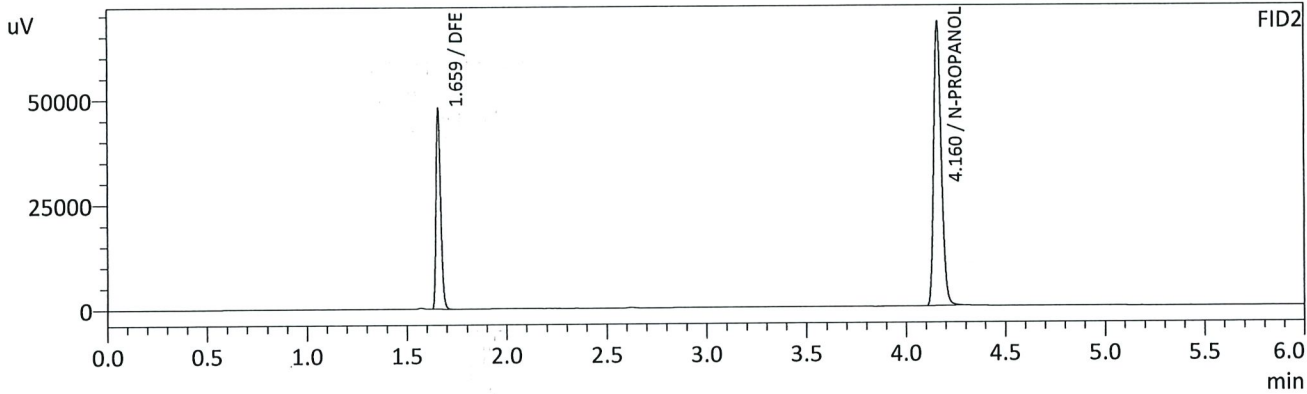
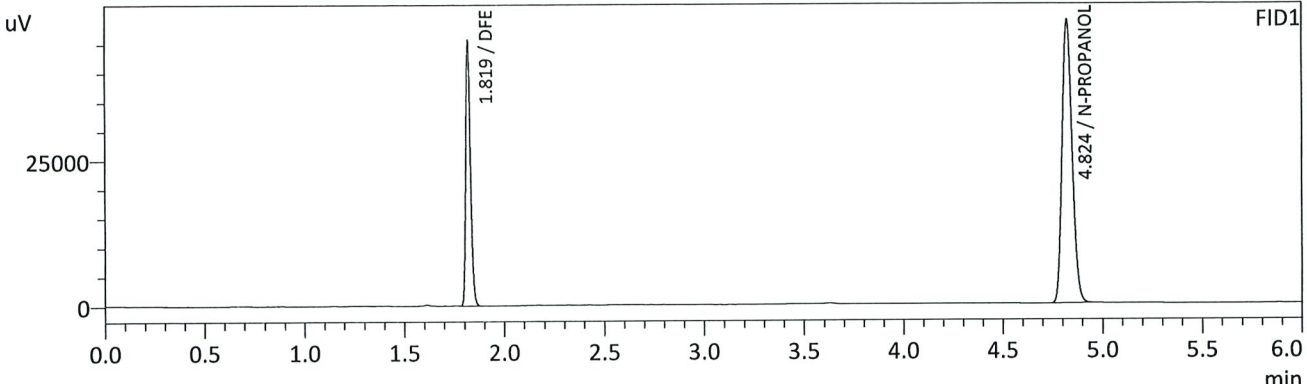
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165424	47201
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	172194	65053
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : DFE  
 Vial # : 45  
 Data Filename : DFE\_11102021\_045.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 11:11:12 PM  
 Date Processed : 11/12/2021 7:24:39 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.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	171075	48790
DFE	0.0000	g/100cc	73874	45069
TFE	--	g/100cc	--	--

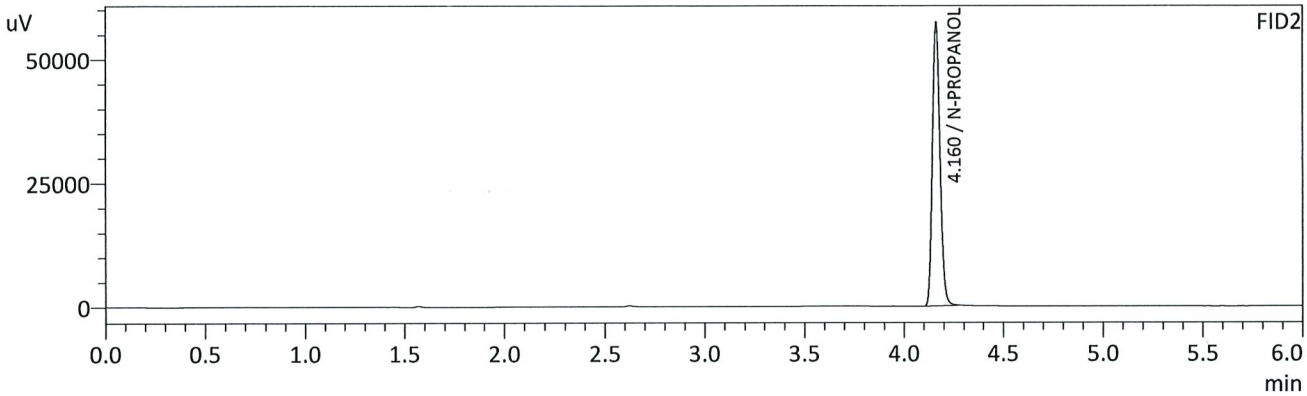
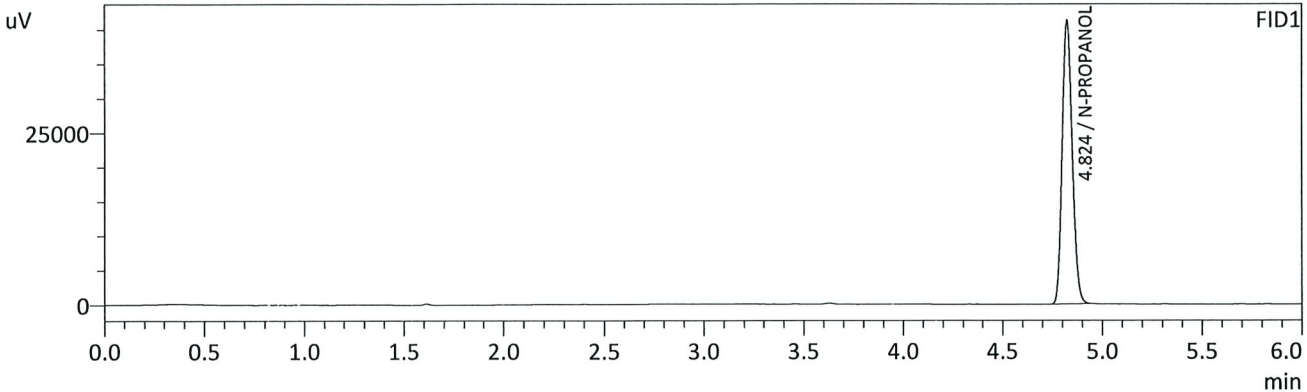
FID2

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	179184	67813
DFE	0.0000	g/100cc	76216	47528
TFE	--	g/100cc	--	--



TS

Sample Name : INT STD BLK 4  
 Vial # : 46  
 Data Filename : INT STD BLK 4\_11102021\_046.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 11-10-21\_TS\_post.gcb  
 Date Acquired : 11/10/2021 11:19:51 PM  
 Date Processed : 11/12/2021 7:24:40 AM  
 C:\LabSolutions\Data\2021\11-10-21\_TS\ALCOHOL.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	144887	41205
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	151135	57247
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

## Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662

Shimadzu HS-20 Serial Number: C12595700014

LabSolutions Version 5.98

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	INT STD BLK 1	0:Unknown	ALCOHOL.gcm	INT STD BLK 1_11102021_001.gcd	0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL.gcm	MULTI-COMP MIX_11102021_002.gcd	1
3	INT STD BLK 2	0:Unknown	ALCOHOL.gcm	INT STD BLK 2_11102021_003.gcd	0
4	QC-1-1-A	0:Unknown	ALCOHOL.gcm	QC-1-1-A_11102021_004.gcd	0
5	QC-1-1-B	0:Unknown	ALCOHOL.gcm	QC-1-1-B_11102021_005.gcd	0
6	0.08 QA - A	0:Unknown	ALCOHOL.gcm	0.08 QA - A_11102021_006.gcd	0
7	0.08 QA - B	0:Unknown	ALCOHOL.gcm	0.08 QA - B_11102021_007.gcd	0
8	P2021-3675-1-A	0:Unknown	ALCOHOL.gcm	P2021-3675-1-A_11102021_008.gcd	0
9	P2021-3675-1-B	0:Unknown	ALCOHOL.gcm	P2021-3675-1-B_11102021_009.gcd	0
10	P2021-3676-1-A	0:Unknown	ALCOHOL.gcm	P2021-3676-1-A_11102021_010.gcd	0
11	P2021-3676-1-B	0:Unknown	ALCOHOL.gcm	P2021-3676-1-B_11102021_011.gcd	0
12	P2021-3677-1-A	0:Unknown	ALCOHOL.gcm	P2021-3677-1-A_11102021_012.gcd	0
13	P2021-3677-1-B	0:Unknown	ALCOHOL.gcm	P2021-3677-1-B_11102021_013.gcd	0
14	P2021-3678-1-A	0:Unknown	ALCOHOL.gcm	P2021-3678-1-A_11102021_014.gcd	0
15	P2021-3678-1-B	0:Unknown	ALCOHOL.gcm	P2021-3678-1-B_11102021_015.gcd	0
16	P2021-3679-1-A	0:Unknown	ALCOHOL.gcm	P2021-3679-1-A_11102021_016.gcd	0
17	P2021-3679-1-B	0:Unknown	ALCOHOL.gcm	P2021-3679-1-B_11102021_017.gcd	0
18	P2021-3680-1-A	0:Unknown	ALCOHOL.gcm	P2021-3680-1-A_11102021_018.gcd	0
19	P2021-3680-1-B	0:Unknown	ALCOHOL.gcm	P2021-3680-1-B_11102021_019.gcd	0
20	P2021-3681-1-A	0:Unknown	ALCOHOL.gcm	P2021-3681-1-A_11102021_020.gcd	0
21	P2021-3681-1-B	0:Unknown	ALCOHOL.gcm	P2021-3681-1-B_11102021_021.gcd	0
22	P2021-3682-1-A	0:Unknown	ALCOHOL.gcm	P2021-3682-1-A_11102021_022.gcd	0
23	P2021-3682-1-B	0:Unknown	ALCOHOL.gcm	P2021-3682-1-B_11102021_023.gcd	0
24	P2021-3683-1-A	0:Unknown	ALCOHOL.gcm	P2021-3683-1-A_11102021_024.gcd	0
25	P2021-3683-1-B	0:Unknown	ALCOHOL.gcm	P2021-3683-1-B_11102021_025.gcd	0
26	QC-2-1-A	0:Unknown	ALCOHOL.gcm	QC-2-1-A_11102021_026.gcd	0
27	QC-2-1-B	0:Unknown	ALCOHOL.gcm	QC-2-1-B_11102021_027.gcd	0
28	P2021-3704-1-A	0:Unknown	ALCOHOL.gcm	P2021-3704-1-A_11102021_028.gcd	0
29	P2021-3704-1-B	0:Unknown	ALCOHOL.gcm	P2021-3704-1-B_11102021_029.gcd	0
30	P2021-3707-1-A	0:Unknown	ALCOHOL.gcm	P2021-3707-1-A_11102021_030.gcd	0
31	P2021-3707-1-B	0:Unknown	ALCOHOL.gcm	P2021-3707-1-B_11102021_031.gcd	0
32	P2021-3713-1-A	0:Unknown	ALCOHOL.gcm	P2021-3713-1-A_11102021_032.gcd	0
33	P2021-3713-1-B	0:Unknown	ALCOHOL.gcm	P2021-3713-1-B_11102021_033.gcd	0
34	P2021-3714-1-A	0:Unknown	ALCOHOL.gcm	P2021-3714-1-A_11102021_034.gcd	0
35	P2021-3714-1-B	0:Unknown	ALCOHOL.gcm	P2021-3714-1-B_11102021_035.gcd	0
36	P2021-3720-1-A	0:Unknown	ALCOHOL.gcm	P2021-3720-1-A_11102021_036.gcd	0
37	P2021-3720-1-B	0:Unknown	ALCOHOL.gcm	P2021-3720-1-B_11102021_037.gcd	0
38	P2021-3721-1-A	0:Unknown	ALCOHOL.gcm	P2021-3721-1-A_11102021_038.gcd	0
39	P2021-3721-1-B	0:Unknown	ALCOHOL.gcm	P2021-3721-1-B_11102021_039.gcd	0
40	P2021-3731-1-A	0:Unknown	ALCOHOL.gcm	P2021-3731-1-A_11102021_040.gcd	0
41	P2021-3731-1-B	0:Unknown	ALCOHOL.gcm	P2021-3731-1-B_11102021_041.gcd	0
42	QC1-2-A	0:Unknown	ALCOHOL.gcm	QC1-2-A_11102021_042.gcd	0
43	QC1-2-B	0:Unknown	ALCOHOL.gcm	QC1-2-B_11102021_043.gcd	0
44	INT STD BLK 3	0:Unknown	ALCOHOL.gcm	INT STD BLK 3_11102021_044.gcd	0
45	DFE	0:Unknown	ALCOHOL.gcm	DFE_11102021_045.gcd	0
46	INT STD BLK 4	0:Unknown	ALCOHOL.gcm	INT STD BLK 4_11102021_046.gcd	0