

**REVIEWED**

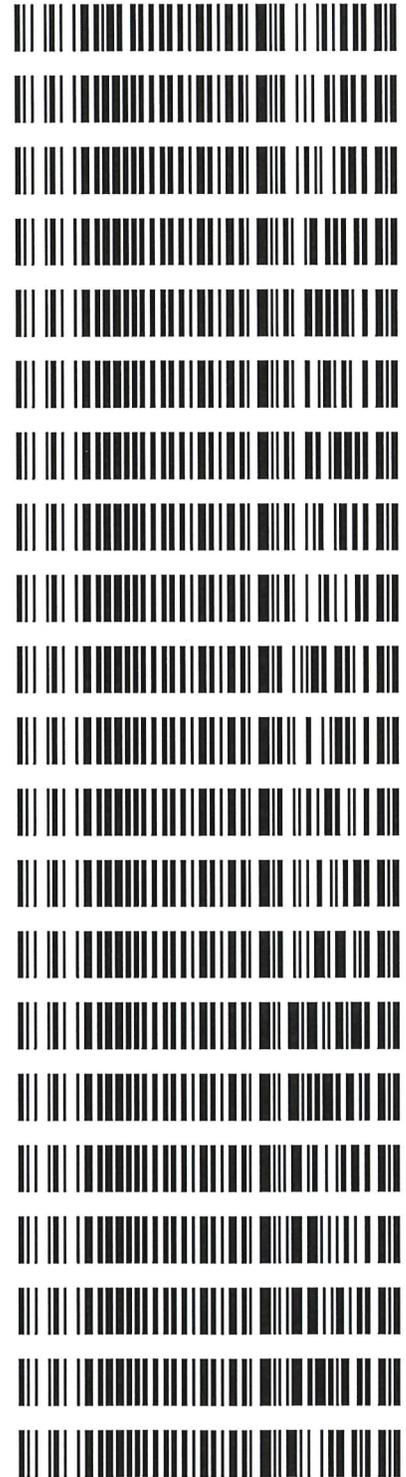
*By Galina Giso at 12:04 pm, Dec 30, 2022*

AS

12/30/2022

**Worklist: 6204**

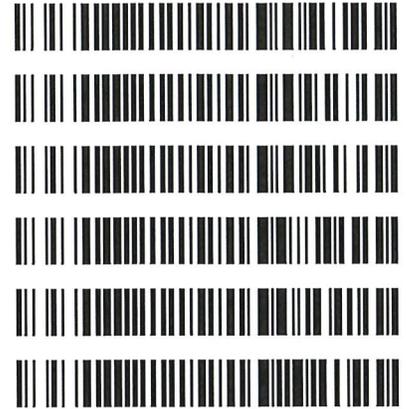
<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
M2022-5135	2	BCK	Alcohol Analysis
P2022-3744	1	BCK	Alcohol Analysis
P2022-3748	1	BCK	Alcohol Analysis
P2022-3750	1	BCK	Alcohol Analysis
P2022-3751	1	BCK	Alcohol Analysis
P2022-3752	1	BCK	Alcohol Analysis
P2022-3754	1	BCK	Alcohol Analysis
P2022-3755	1	BCK	Alcohol Analysis
P2022-3756	1	BCK	Alcohol Analysis
P2022-3775	1	BCK	Alcohol Analysis
P2022-3787	1	BCK	Alcohol Analysis
P2022-3808	1	BCK	Alcohol Analysis
P2022-3811	1	BCK	Alcohol Analysis
P2022-3818	1	BCK	Alcohol Analysis
P2022-3823	1	BCK	Alcohol Analysis
P2022-3824	1	BCK	Alcohol Analysis
P2022-3830	1	BCK	Alcohol Analysis
P2022-3834	1	BCK	Alcohol Analysis
P2022-3835	1	BCK	Alcohol Analysis
P2022-3836	1	BCK	Alcohol Analysis
P2022-3854	1	BCK	Alcohol Analysis



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**Worklist: 6204**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-3858	1	BCK	Alcohol Analysis
P2022-3860	1	BCK	Alcohol Analysis
P2022-3861	1	BCK	Alcohol Analysis
P2022-3878	1	BCK	Alcohol Analysis
P2022-3879	1	BCK	Alcohol Analysis
P2022-3888	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): 12/29/2022**

**Calibration Date: (if different)**

**Worklist #: 6204**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0721 g/100cc 0.0806 g/100cc g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2183 g/100cc 0.2277 g/100cc g/100cc
<b>Multi-Component mixture:</b>			<b>Exp:</b>	<b>Lot #</b>	
<b>Curve Fit:</b>			<b>Column 1</b>	<b>Column 2</b>	
			10/31/2024	FN06041902	0.99994
			0.99998		

**Ethanol Calibration Reference Material**

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0505	0.0514	0.0009	0.0509
100	0.100	0.090 - 0.110	0.1001	0.1001	0	0.1001
200	0.200	0.180 - 0.220	0.1991	0.1983	0.0008	0.1987
300	0.300	0.270 - 0.330	0.2995	0.2988	0.0007	0.2991
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5005	0.5011	0.0006	0.5008

**Aqueous Controls**

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



**Internal Standard Monitoring Worksheet**

<b>Worksheet #:</b>	<b>6204</b>	<b>Run Date(s):</b>	<b>12/29/2022</b>
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Internal Standard Solution:	Prep Date:	11/10/2022	Exp Date:	5/10/2023
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Sample Name	Column 1 Value	Column 2 Value
0.080	156847	164327
0.080	158374	165827
QC1	160578	168274
QC1	160373	167912
QC1	166602	174733
QC1	170061	178392
QC1		
QC1		
QC2	156318	163216
QC2	156913	163947
QC2	165808	173964
QC2	178662	187684
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	163053.6	130442.9	195664.3
Column 2	170827.6	136662.1	204993.1



TS

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Calibration Table  
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Laboratory: Pocatello  
Instrument Name : GC2030-HS20

<<Data File>>  
Method File :C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm ✓  
Batch File :C:\LabSolutions\Data\2022\12-29-22 TS\12-29-22 TS.gcb  
Date Acquired :12/29/2022 1:57:38 PM  
Date Created :12/29/2022 1:54:20 PM  
Date Modified :12/30/2022 7:43:48 AM



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

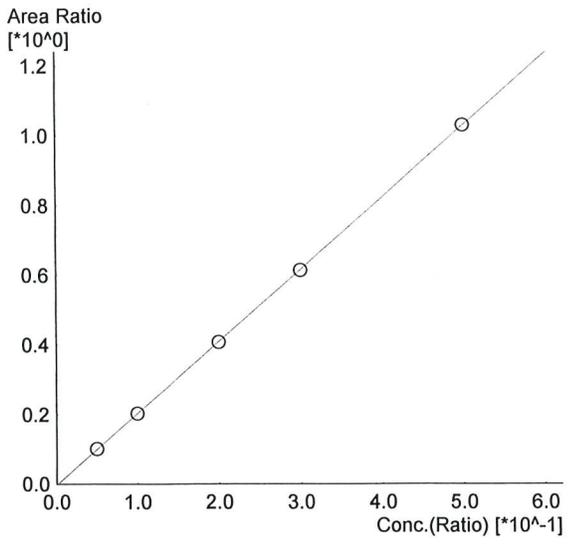
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

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



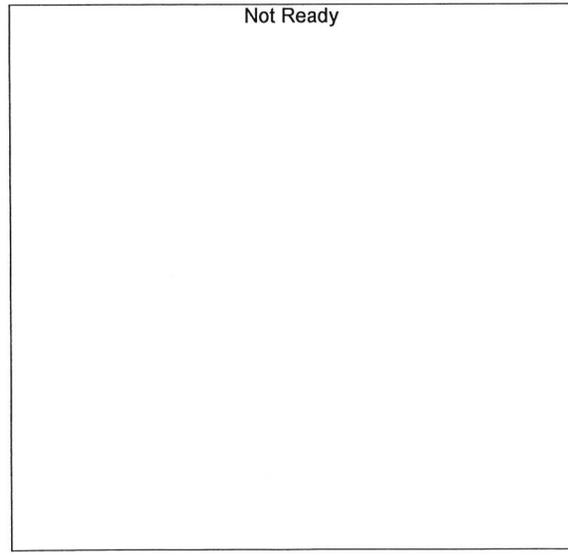
Name : ETHANOL  
 Detector Name: FID1  
 Function :  $f(x)=2.06464*x-0.00391970$   
 R<sup>2</sup> value= 0.9999880 ✓  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15856	0.0505	0.050_12292022_001.gcd
2	0.100	32113	0.1001	0.100_12292022_002.gcd
3	0.200	64936	0.1991	0.200_12292022_003.gcd
4	0.300	97614	0.2995	0.300_12292022_004.gcd
5	0.500	164476	0.5005	0.500_12292022_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

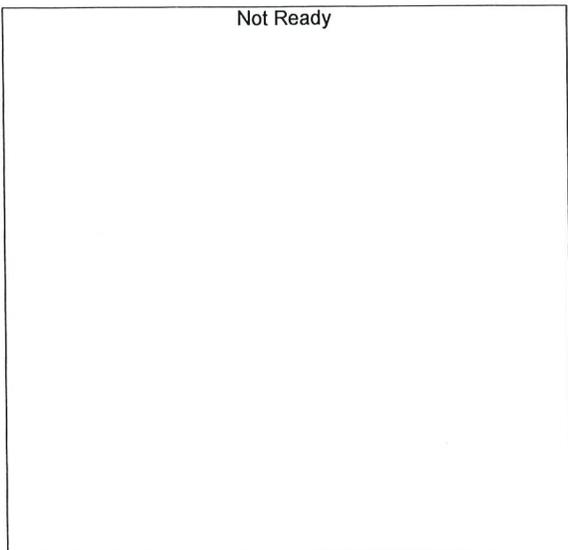
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETONE  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

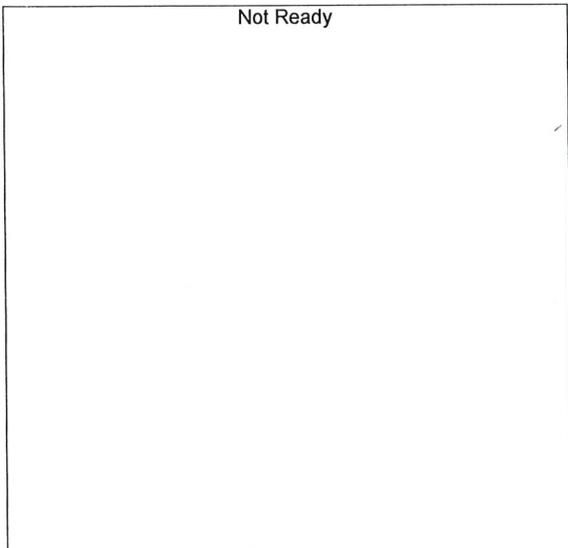
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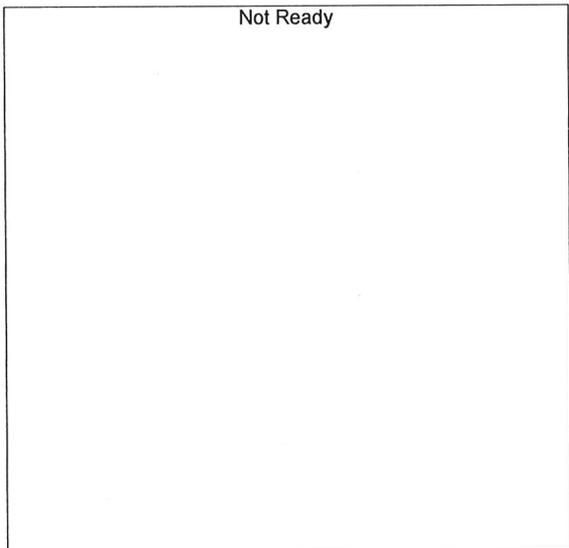
Name : DFE  
Detector Name: FID1  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

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

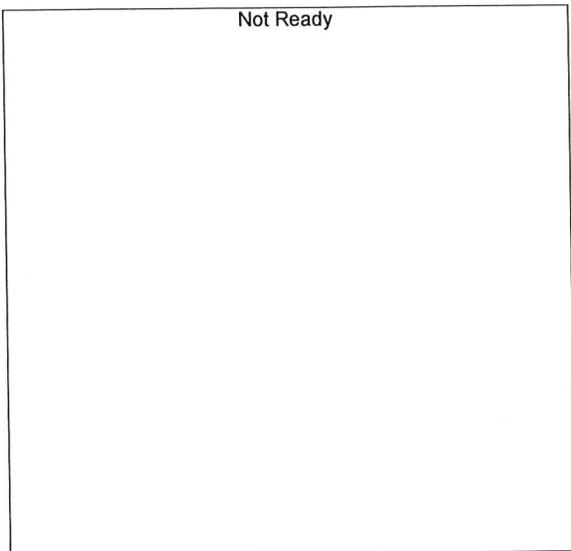
#	Conc.	Area	Std. Conc.	Data File Name
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Name : ACETALDEHYDE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

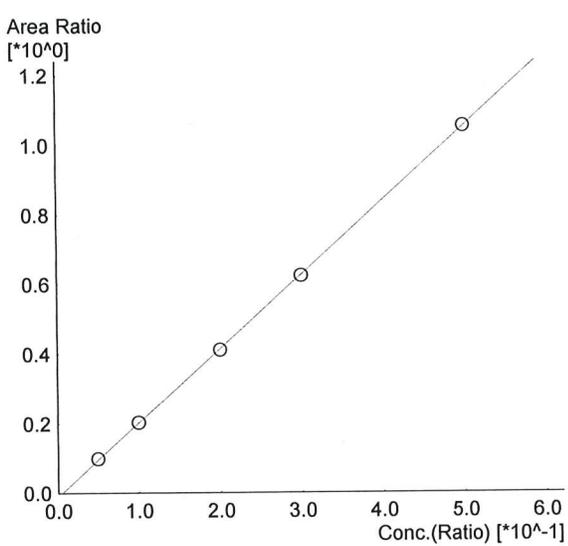
#	Conc.	Area	Std. Conc.	Data File Name
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B



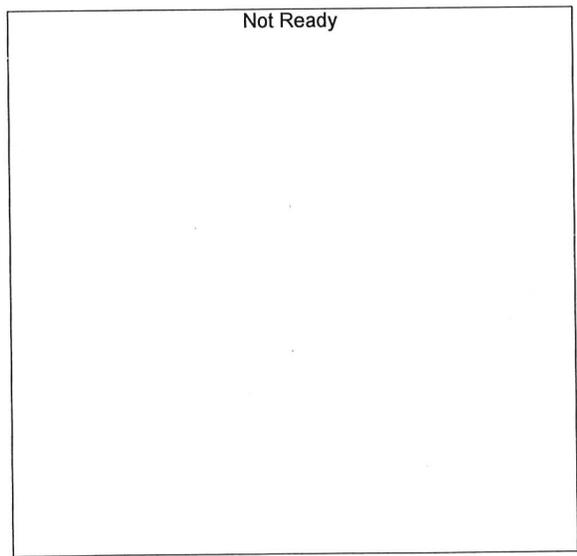
Name : METHANOL  
 Detector Name: FID2  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : ETHANOL  
 Detector Name: FID2  
 Function :  $f(x)=2.12259*x-0.0104176$   
 R<sup>2</sup> value= 0.9999421 ✓  
 FitType: Linear  
 ZeroThrough: Not Through

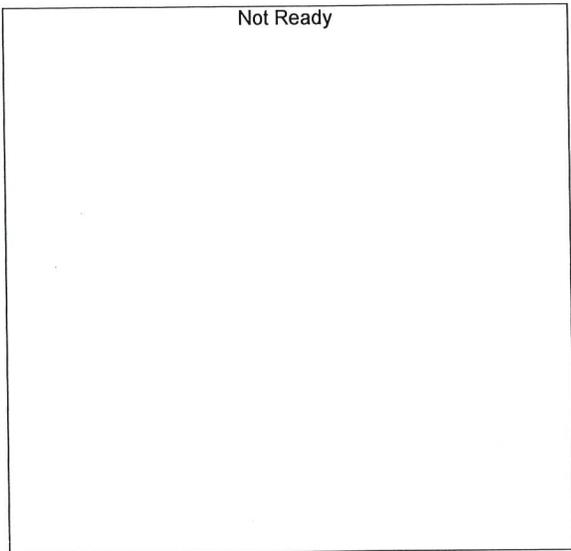
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	16234	0.0514	0.050_12292022_001.gcd
2	0.100	33469	0.1001	0.100_12292022_002.gcd
3	0.200	68499	0.1983	0.200_12292022_003.gcd
4	0.300	103567	0.2988	0.300_12292022_004.gcd
5	0.500	175664	0.5011	0.500_12292022_005.gcd



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

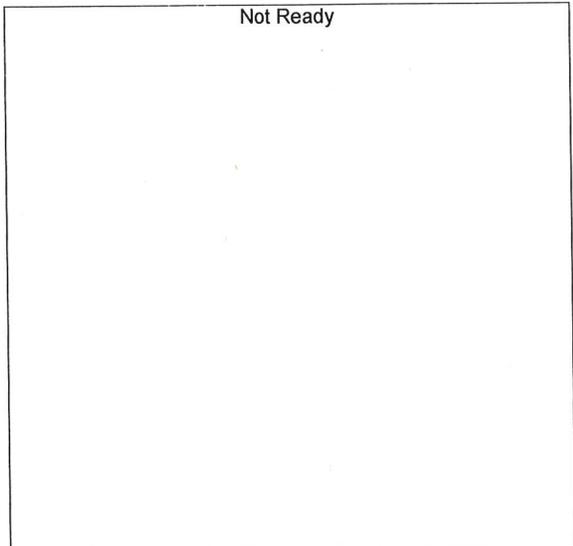
#	Conc.	Area	Std. Conc.	Data File Name
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TS



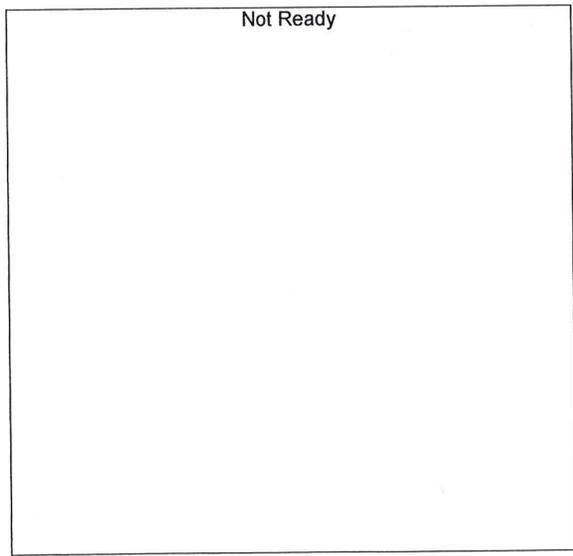
Name : ISOPROPYL ALCOHOL  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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Name : DFE  
Detector Name: FID2  
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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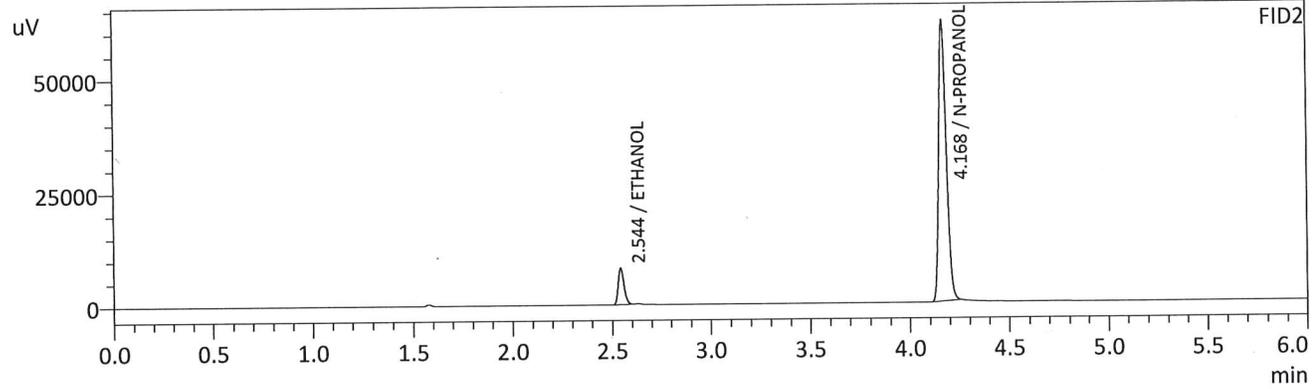
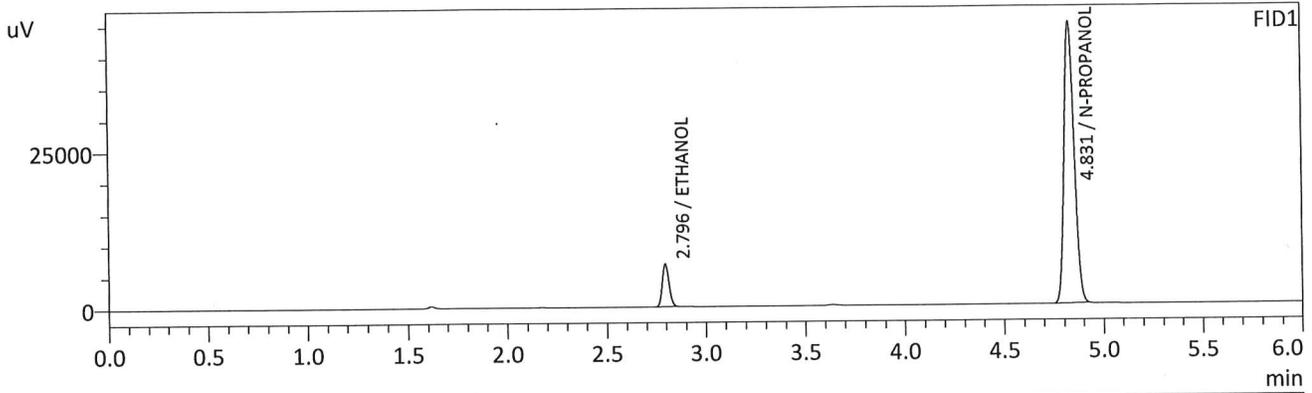


Name : TFE  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
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15

Sample Name : 0.050  
 Vial # : 1  
 Data Filename : 0.050\_12292022\_001.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 1:19:32 PM  
 Date Processed : 12/30/2022 7:43:41 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

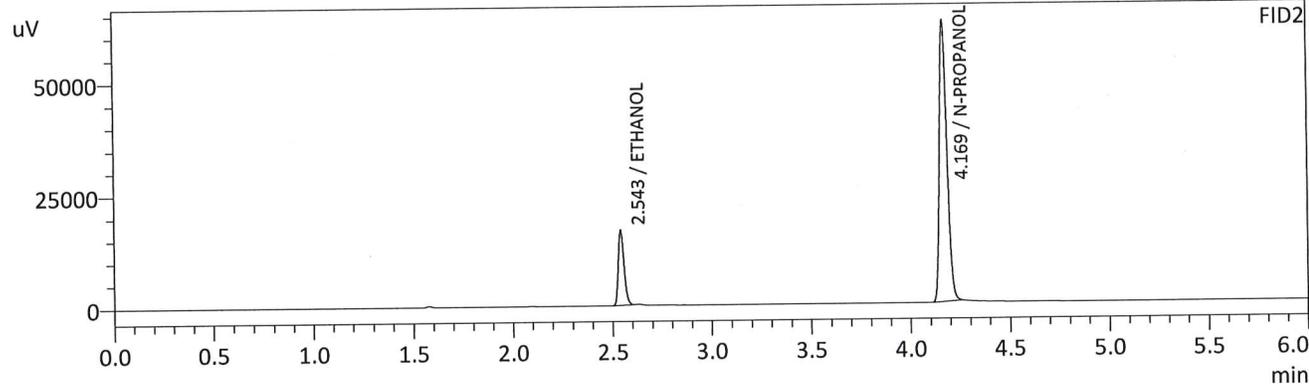
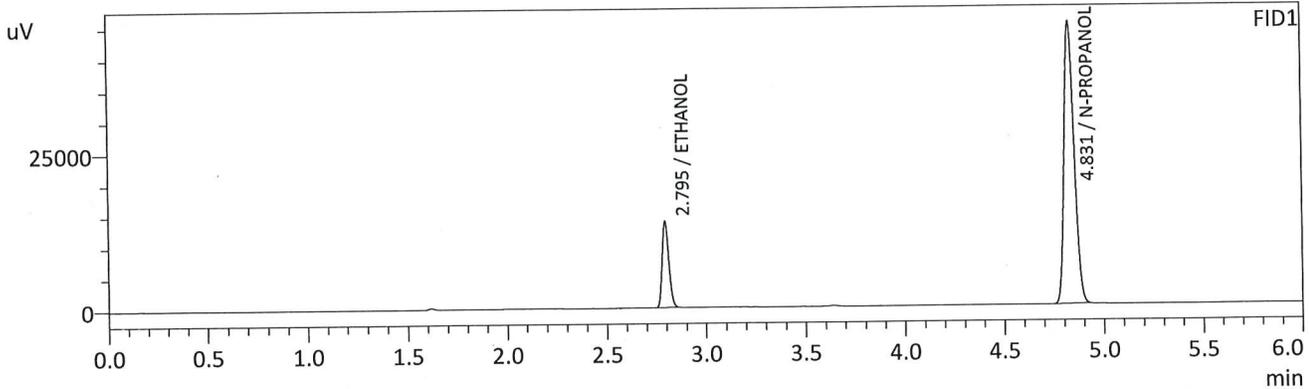
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0505	g/100cc	15856	6711
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	157751	44724
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0514	g/100cc	16234	7949
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164305	61601
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : 0.100  
 Vial # : 2  
 Data Filename : 0.100\_12292022\_002.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 1:29:01 PM  
 Date Processed : 12/30/2022 7:43:43 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

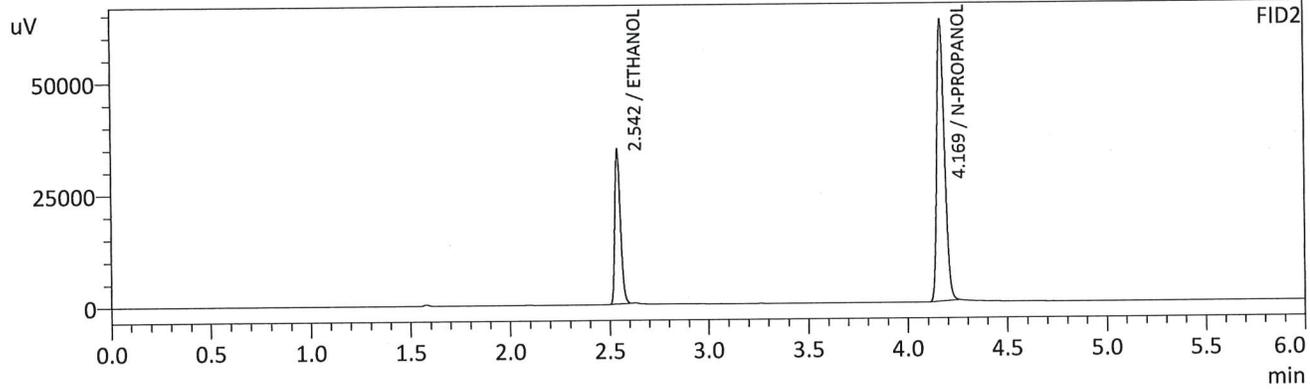
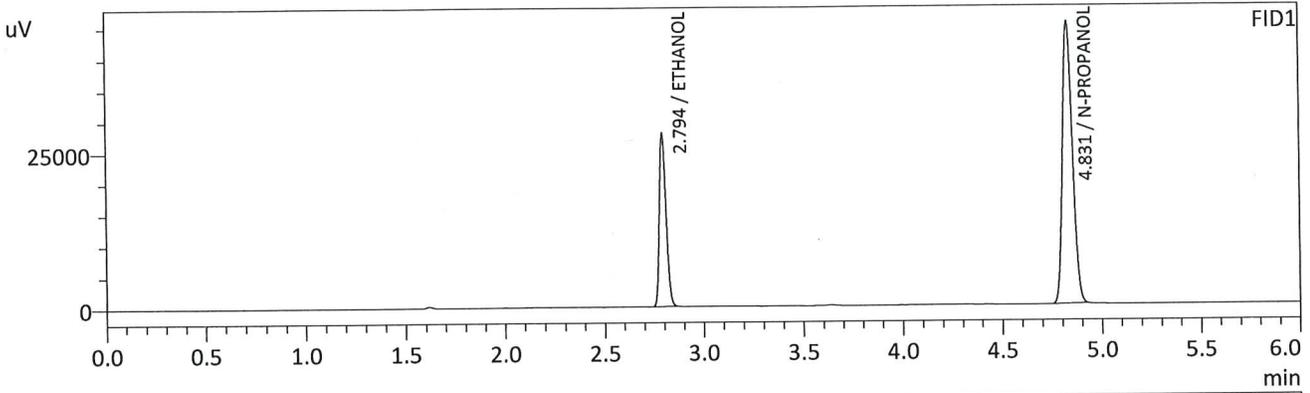
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1001	g/100cc	32113	13671
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	158231	44993
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1001	g/100cc	33469	16673
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165559	62463
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : 0.200  
 Vial # : 3  
 Data Filename : 0.200\_12292022\_003.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 1:38:22 PM  
 Date Processed : 12/30/2022 7:43:45 AM  
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FID1

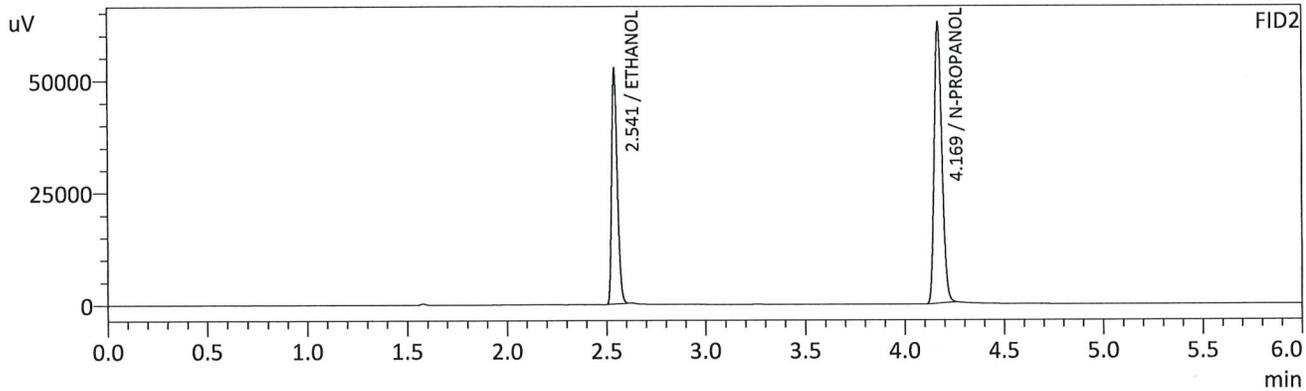
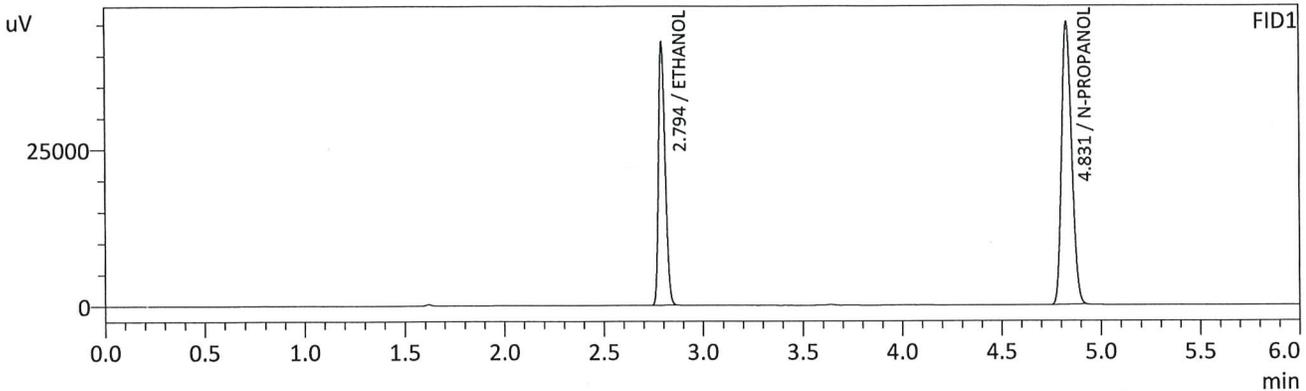
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1991	g/100cc	64936	27836
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	159417	45250
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1983	g/100cc	68499	34536
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166812	62659
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.300  
 Vial # : 4  
 Data Filename : 0.300\_12292022\_004.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 1:48:13 PM  
 Date Processed : 12/30/2022 7:43:47 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

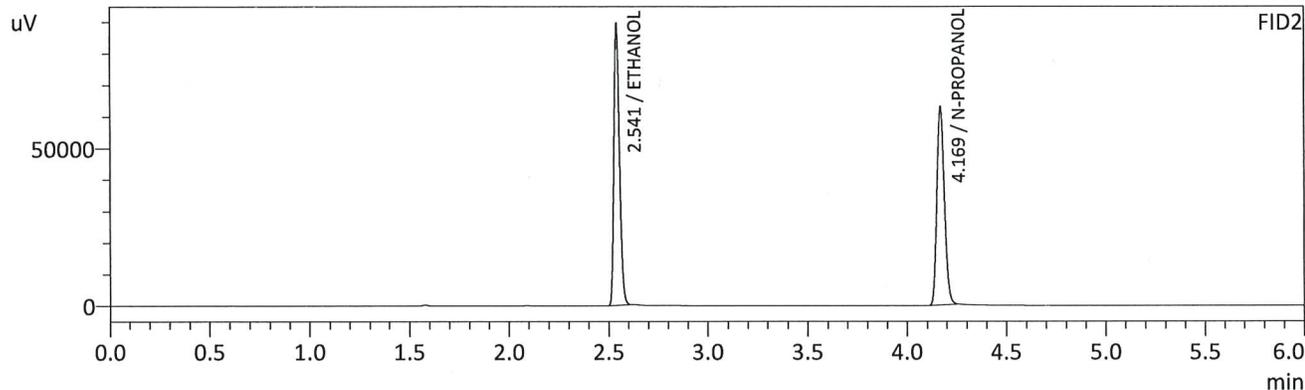
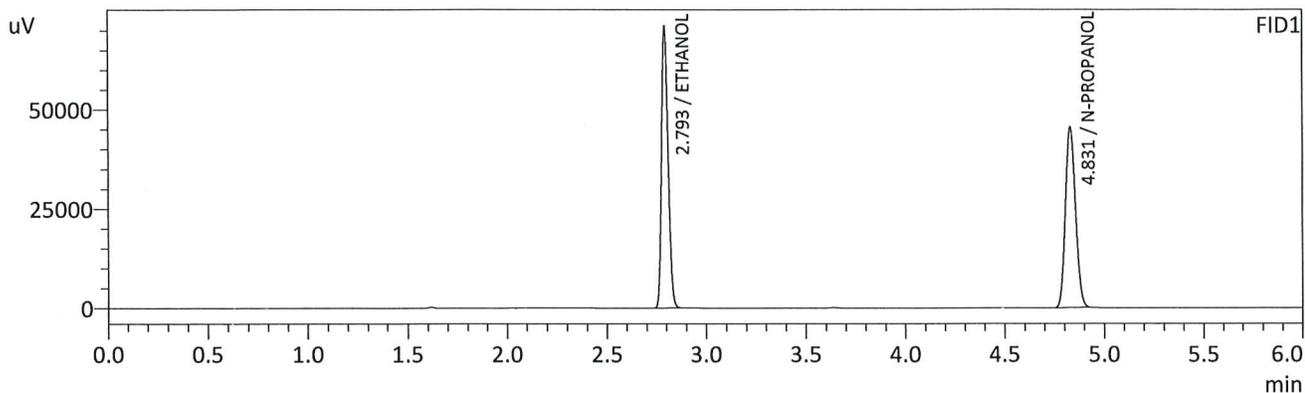
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2995	g/100cc	97614	41981
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	158860	45034
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2988	g/100cc	103567	52367
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165982	62278
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.500  
 Vial # : 5  
 Data Filename : 0.500\_12292022\_005.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 1:57:38 PM  
 Date Processed : 12/30/2022 7:43:48 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

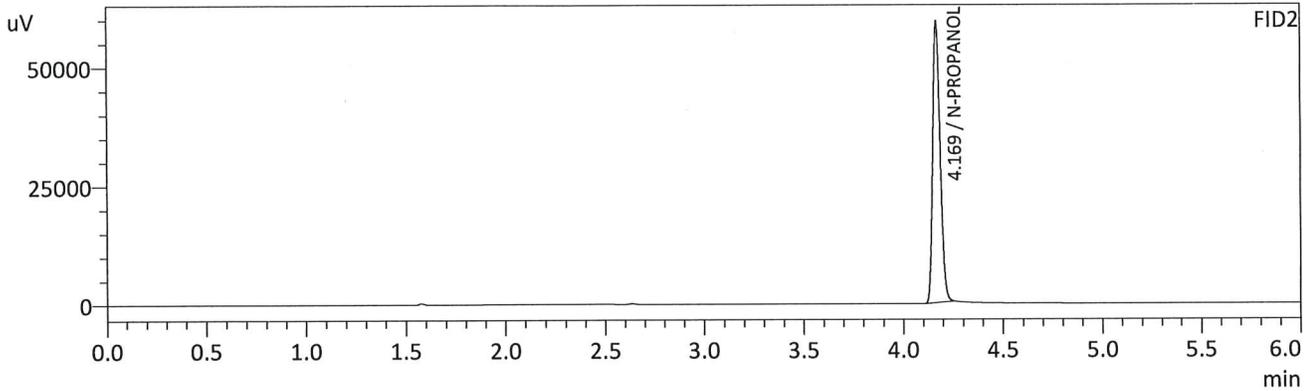
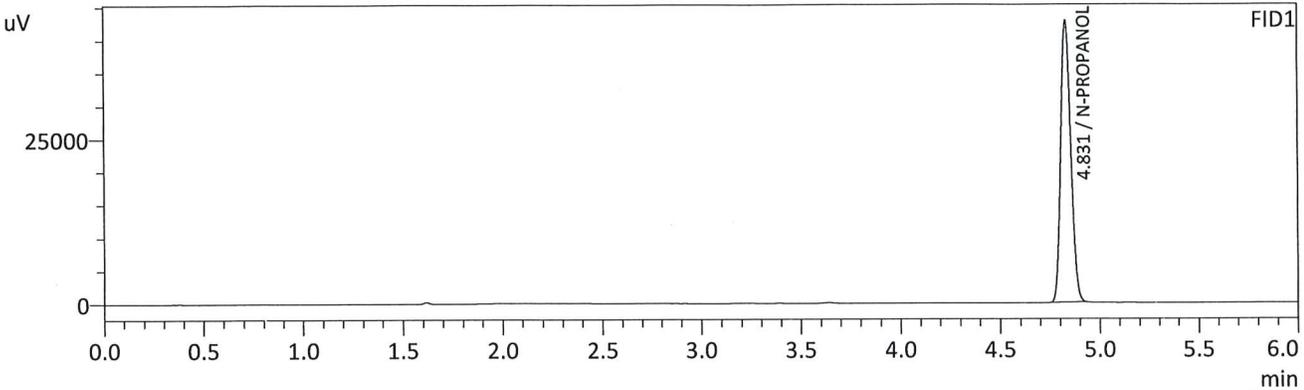
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5005	g/100cc	164476	70944
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	159767	45353
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5011	g/100cc	175664	89077
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166770	62749
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 1  
 Vial # : 6  
 Data Filename : INT STD BLK 1\_12292022\_006.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 2:06:55 PM  
 Date Processed : 12/30/2022 7:43:51 AM  
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FID1

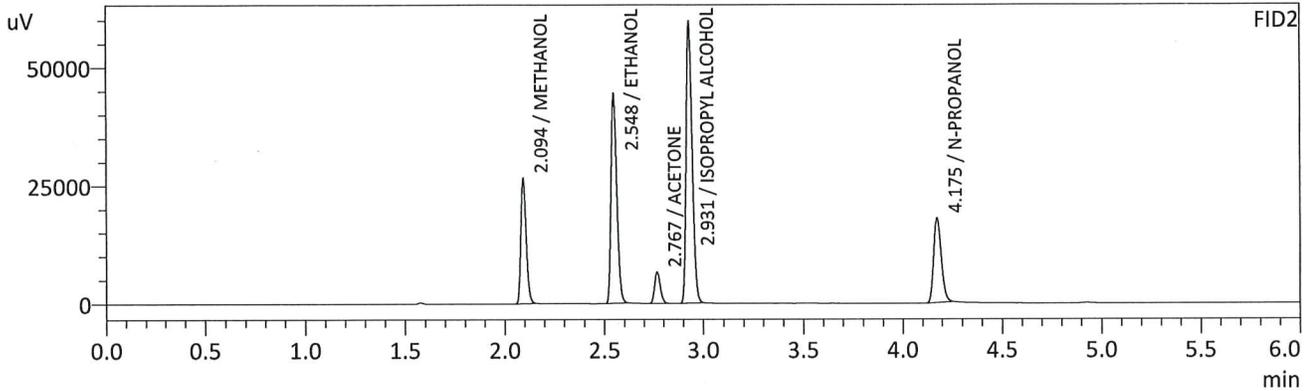
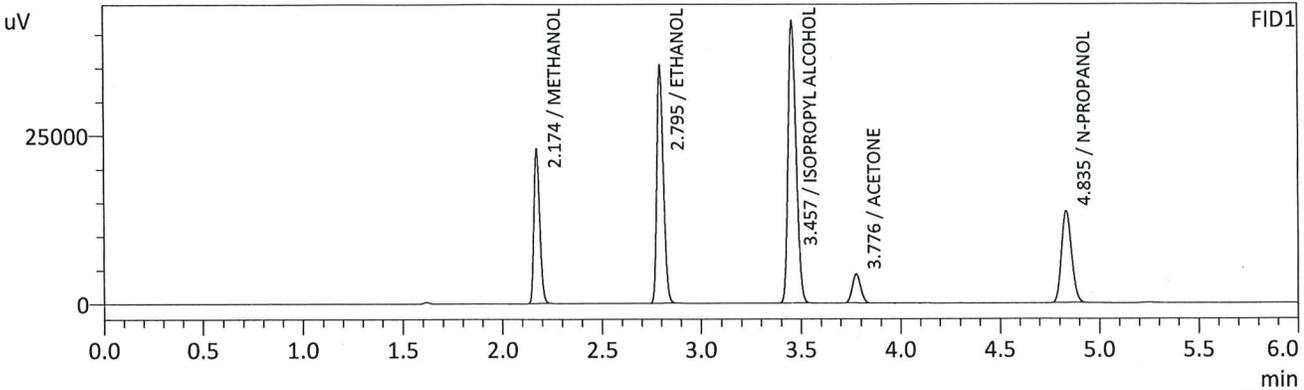
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	150406	42652
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	157376	59200
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : MULTI-COMP MIX  
 Vial # : 7  
 Data Filename : MULTI-COMP MIX\_12292022\_007.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 2:16:39 PM  
 Date Processed : 12/30/2022 7:43:53 AM  
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FID1

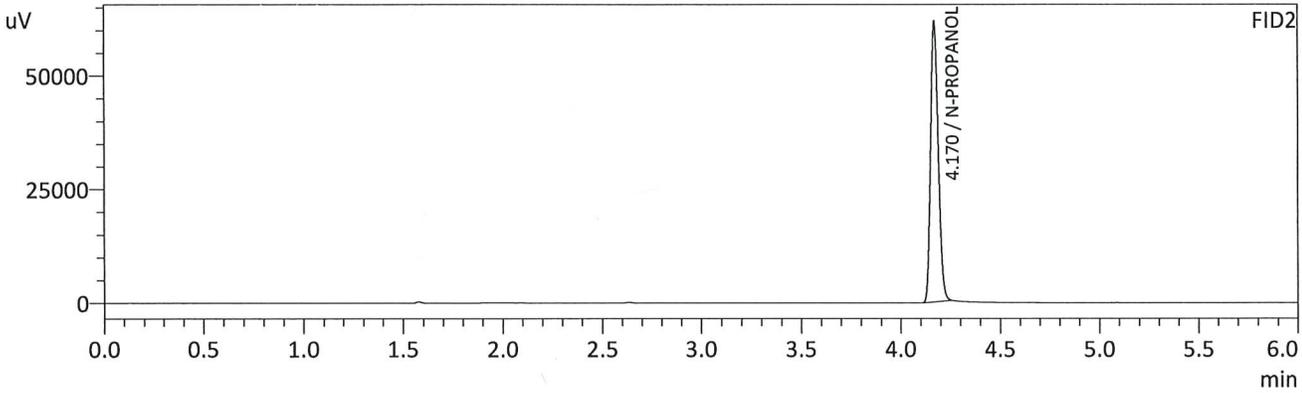
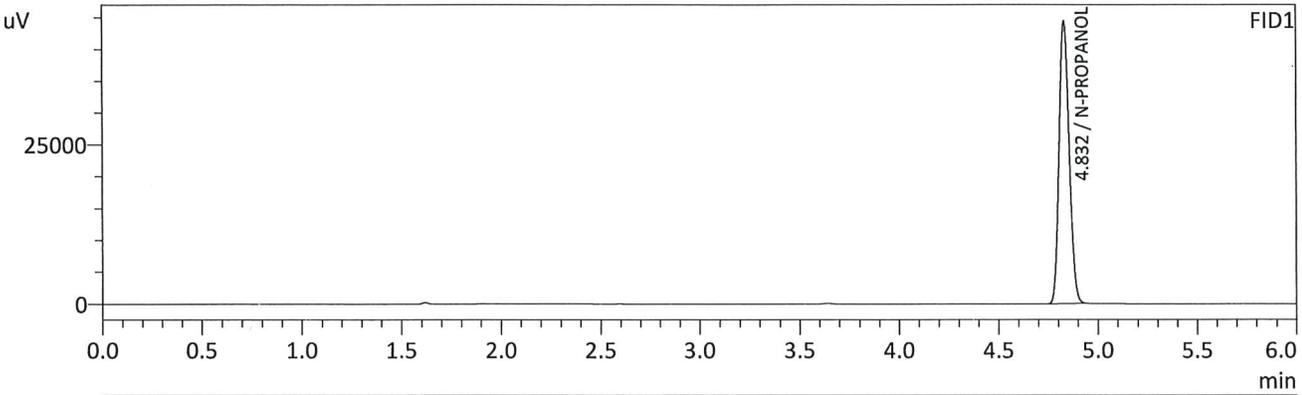
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	46877	22824
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.8366	g/100cc	81946	34939
ISOPROPYL ALCOHOL	0.0000	g/100cc	116587	41760
ACETONE	0.0000	g/100cc	12236	4276
N-PROPANOL	0.0000	g/100cc	47548	13554
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	49563	26376
ETHANOL	0.8717	g/100cc	87586	43888
ACETONE	0.0000	g/100cc	13255	6503
ISOPROPYL ALCOHOL	0.0000	g/100cc	124795	58701
N-PROPANOL	0.0000	g/100cc	47604	17828
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

*AD*

Sample Name : INT STD BLK 2  
 Vial # : 8  
 Data Filename : INT STD BLK 2\_12292022\_008.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 2:26:10 PM  
 Date Processed : 12/30/2022 7:43:55 AM  
 C:\LabSolutions\Data\2022\12-29-22 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	156074	44354
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	163235	61769
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

**VOLATILES BAC CASEFILE WORKSHEET**

**Laboratory No.:** QC 1-1                      **Item #**                      **Analysis Date(s):** 12/29/2022

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0719	0.0722	0.0003	0.0720	0.0002	0.0721
(g/100cc)	0.0721	0.0724	0.0003	0.0722		

**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%**

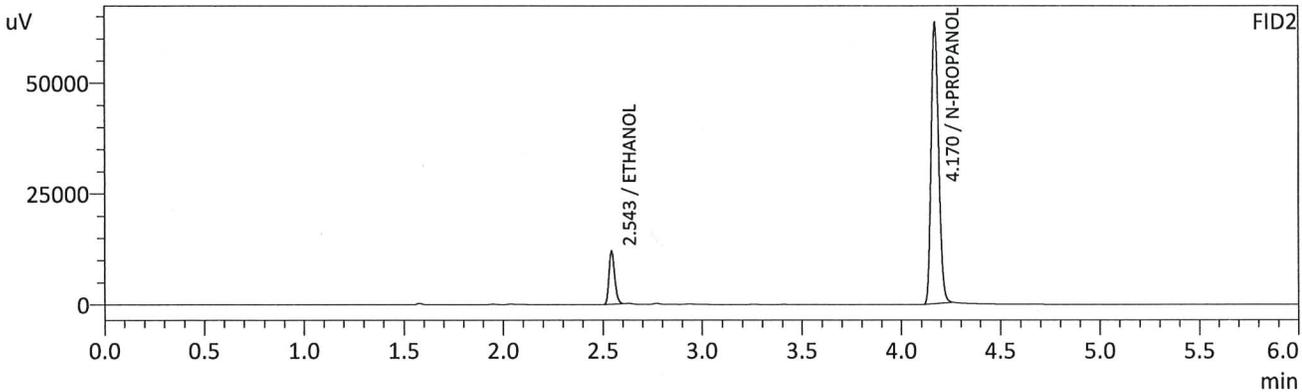
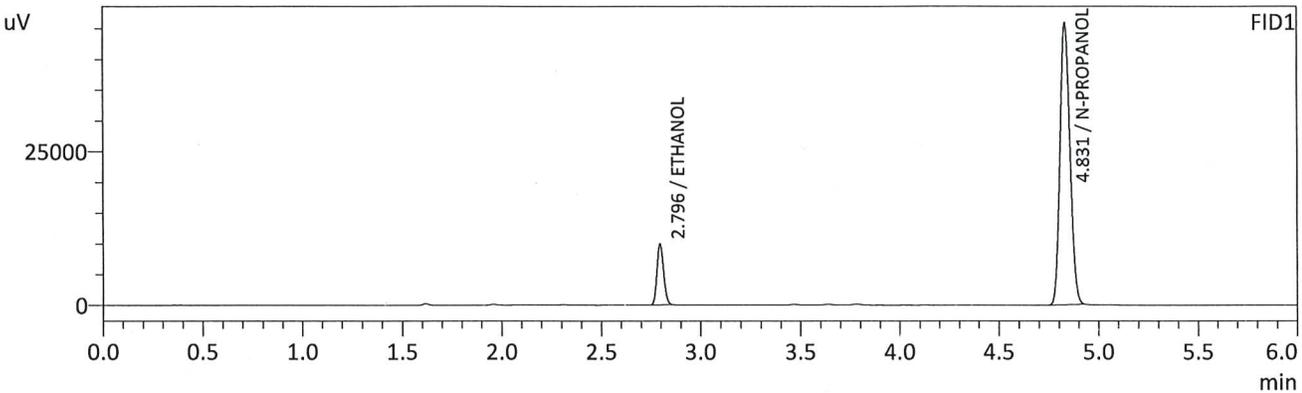
Overall Mean (g/100cc)	Low	High	5% of Mean
0.072	0.068	0.076	0.004

	<b>Reported Result</b>	<b>Notes:</b>
	0.072	

*Calibration and control data are stored centrally.*

TS

Sample Name : QC1-1-A  
 Vial # : 9  
 Data Filename : QC1-1-A\_12292022\_009.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 2:35:28 PM  
 Date Processed : 12/30/2022 7:43:56 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

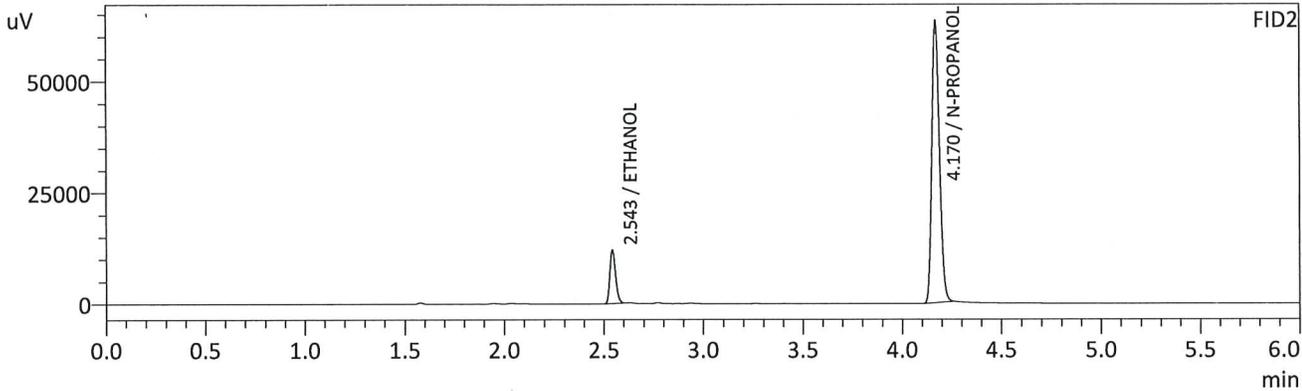
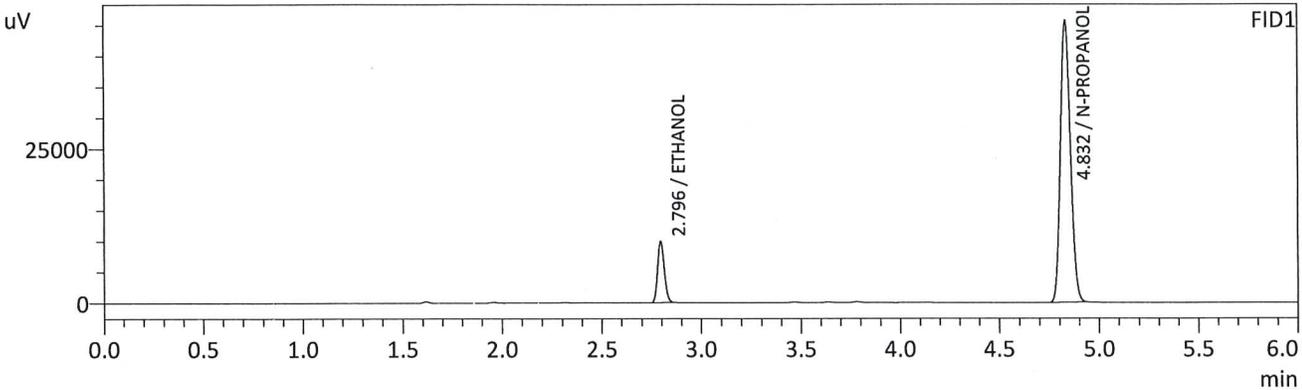
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0719	g/100cc	23228	9821
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	160578	45752
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0722	g/100cc	24036	11897
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168274	63366
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RS

Sample Name : QC1-1-B  
 Vial # : 10  
 Data Filename : QC1-1-B\_12292022\_010.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 2:45:16 PM  
 Date Processed : 12/30/2022 7:43:58 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0721	g/100cc	23260	9825
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	160373	45595
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

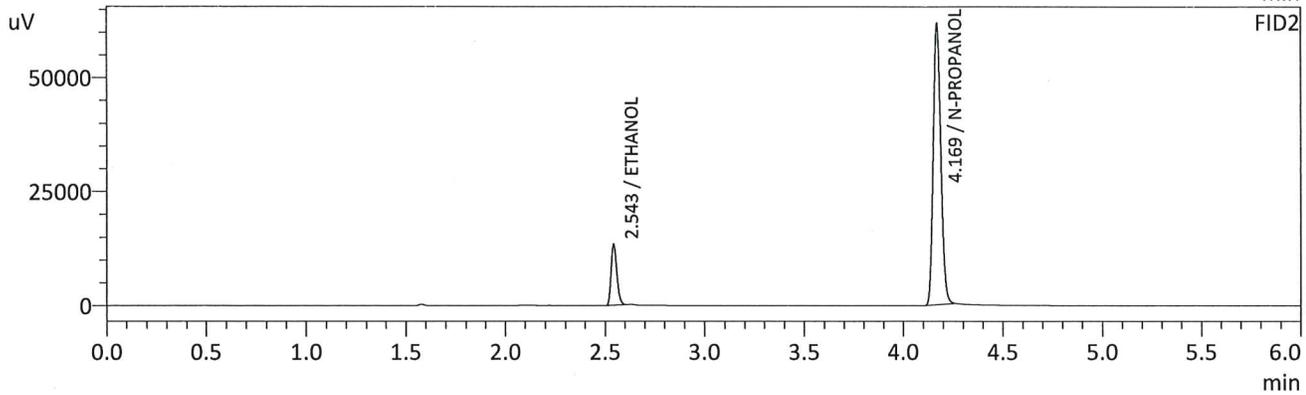
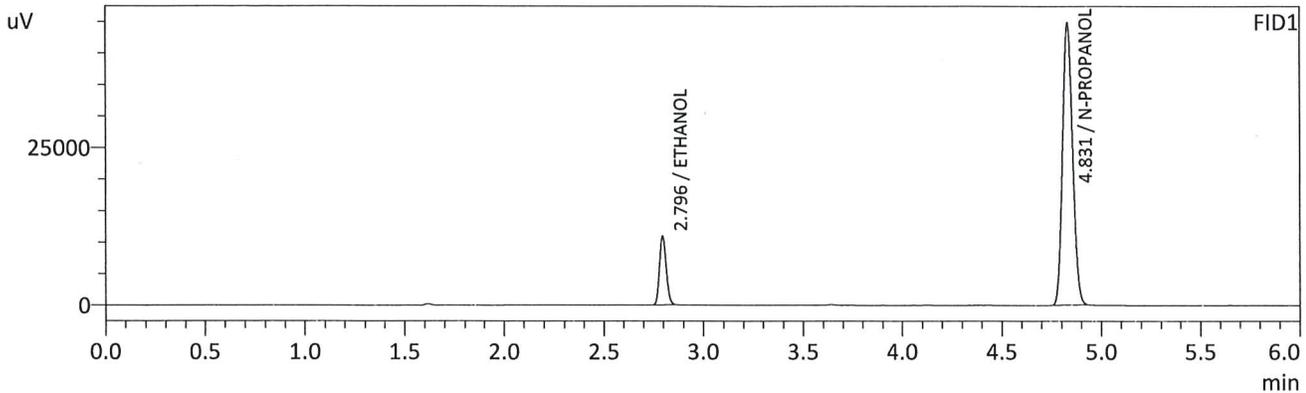
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0724	g/100cc	24078	11881
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167912	63241
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



15

Sample Name : 0.08 QA - A  
 Vial # : 11  
 Data Filename : 0.08 QA - A\_12292022\_011.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 2:54:43 PM  
 Date Processed : 12/30/2022 7:43:59 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

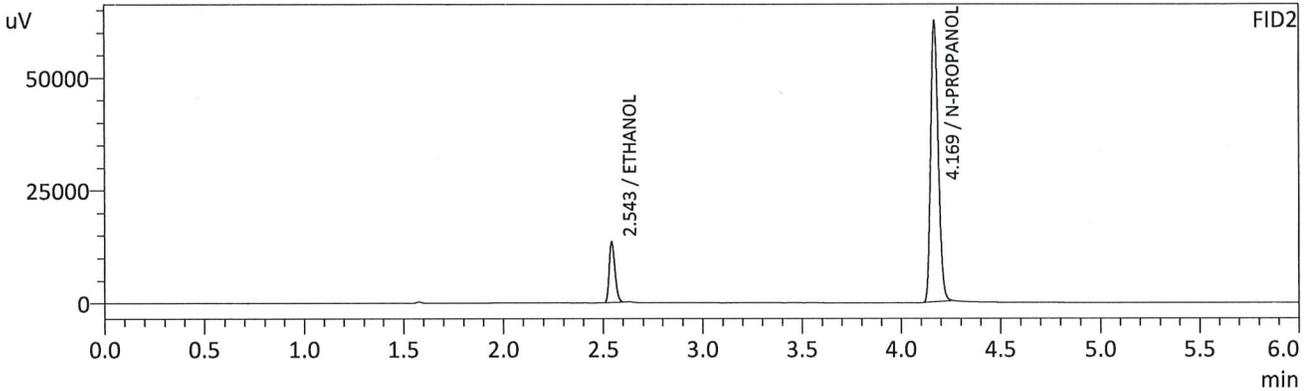
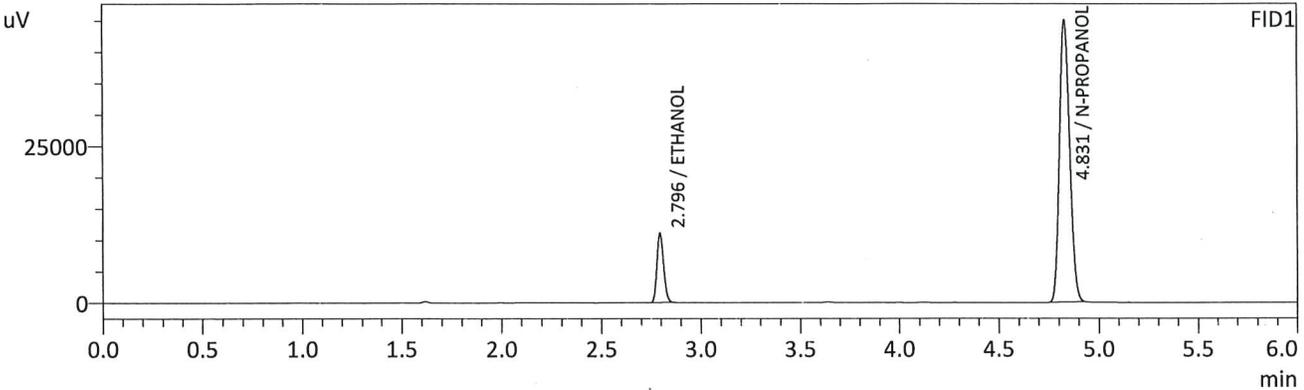
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	25679	10856
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156847	44678
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0815	g/100cc	26720	13186
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164327	61608
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : 0.08 QA - B  
 Vial # : 12  
 Data Filename : 0.08 QA - B\_12292022\_012.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 3:04:01 PM  
 Date Processed : 12/30/2022 7:44:01 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	25990	10990
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	158374	44860
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0817	g/100cc	27042	13357
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165827	62204
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

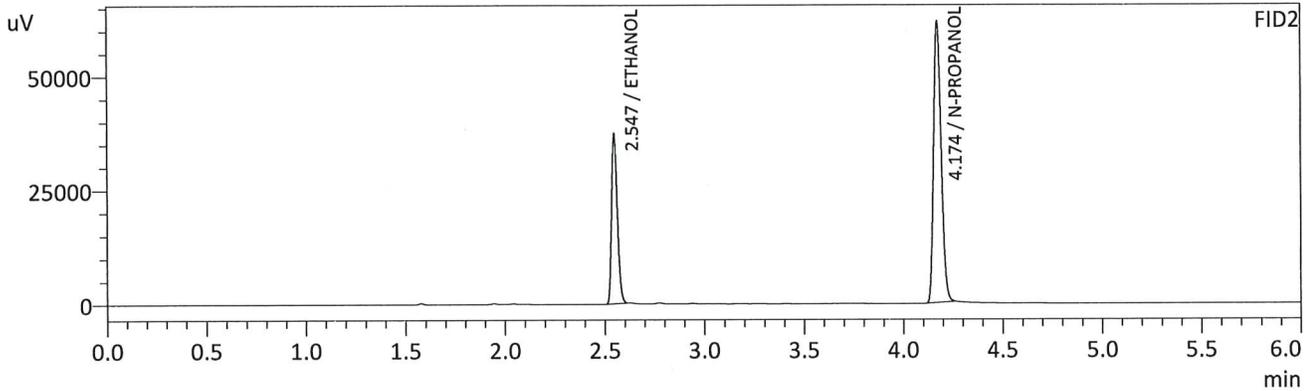
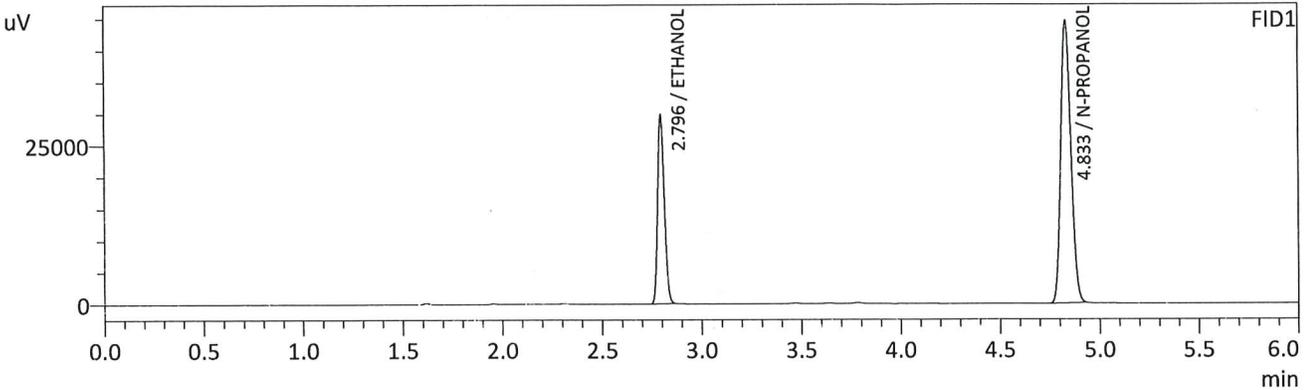
## VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC 2-1		Item #		Analysis Date(s): 12/29/2022		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2173	0.2185	0.0012	0.2179	0.0008	0.2183
(g/100cc)	0.2182	0.2192	0.0010	0.2187		
<b>Analysis Method</b>						
Refer to Blood Alcohol Method #1						
<b>Instrument Information</b>						
<i>Instrument information is stored centrally.</i>						
Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm						
<b>Reporting of Results</b>				<b>Uncertainty of Measurement (UM%): 5.00%</b>		
Overall Mean (g/100cc)		Low	High	5% of Mean		
0.218		0.207	0.229	0.011		
			<b>Reported Result</b>		<b>Notes:</b>	
			0.218			

*Calibration and control data are stored centrally.*

B

Sample Name : QC2-1-A  
 Vial # : 31  
 Data Filename : QC2-1-A\_12292022\_031.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 6:05:07 PM  
 Date Processed : 12/30/2022 7:44:26 AM  
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FID1

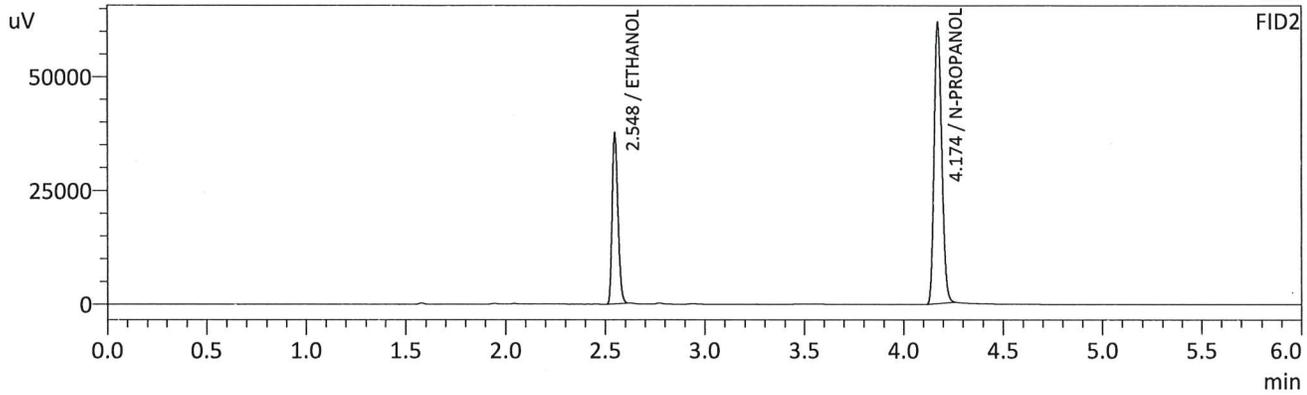
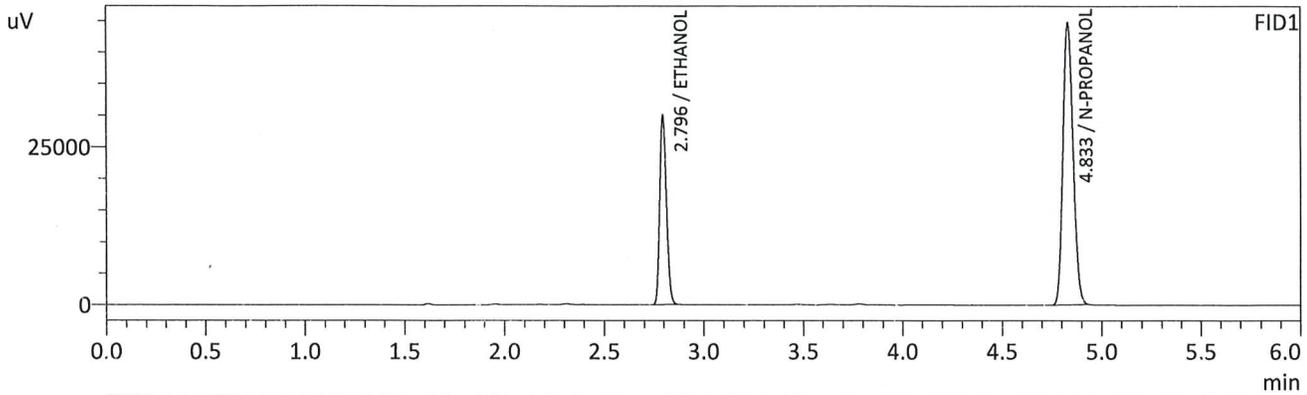
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2173	g/100cc	69542	29427
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156318	44505
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2185	g/100cc	74029	37038
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163216	61694
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : QC2-1-B  
 Vial # : 32  
 Data Filename : QC2-1-B\_12292022\_032.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 6:14:36 PM  
 Date Processed : 12/30/2022 7:44:27 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2182	g/100cc	70084	29641
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156913	44704
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

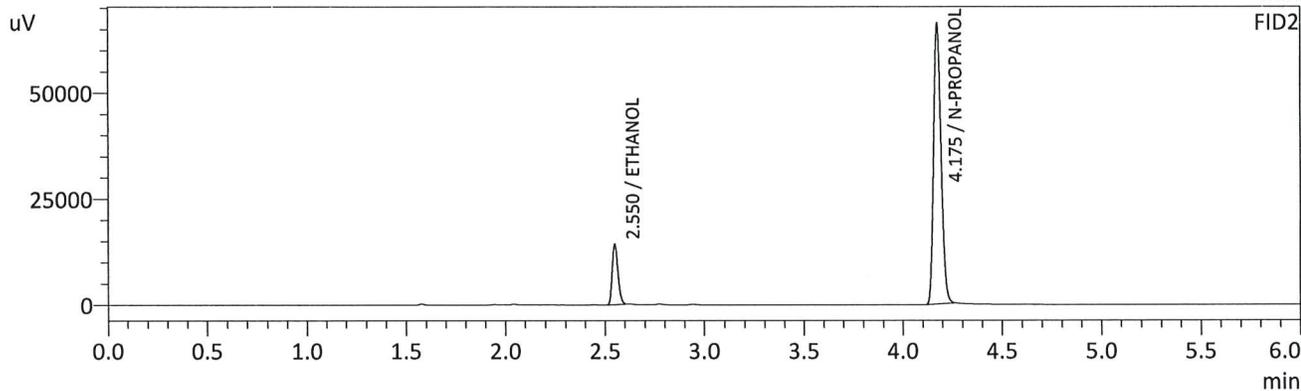
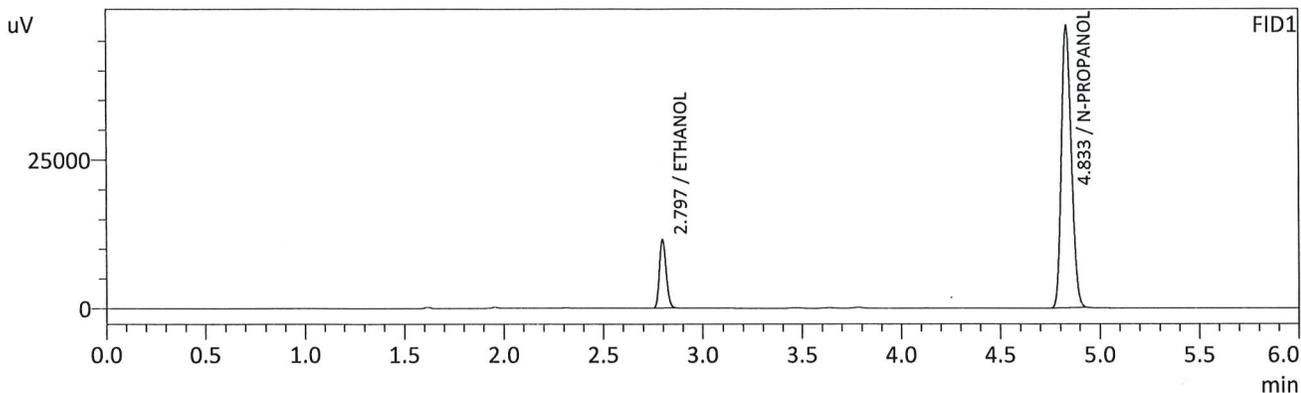
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2192	g/100cc	74585	37227
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163947	61806
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



B

Sample Name : QC1-2-A  
 Vial # : 53  
 Data Filename : QC1-2-A\_12292022\_053.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 9:34:28 PM  
 Date Processed : 12/30/2022 7:44:52 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

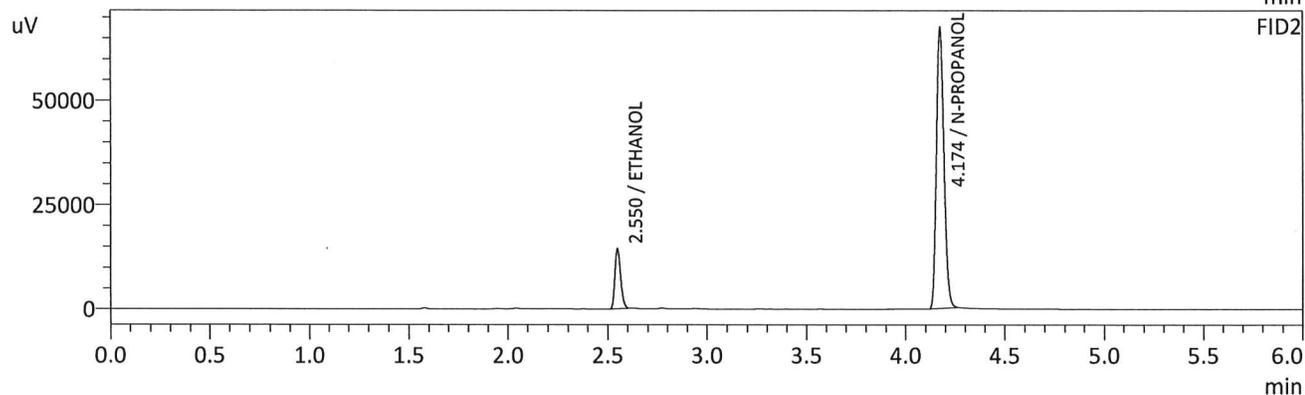
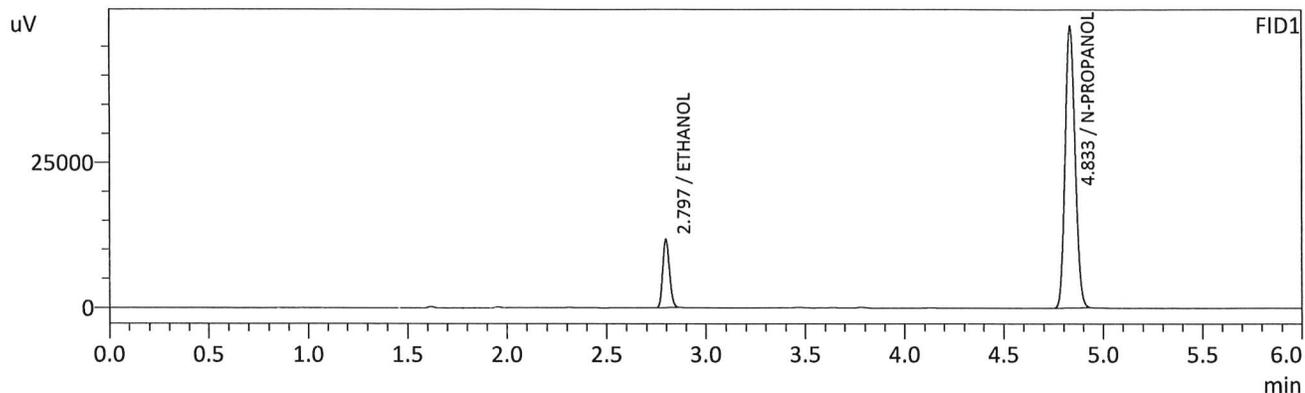
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0804	g/100cc	27012	11531
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166602	47534
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0813	g/100cc	28357	14156
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174733	66164
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC1-2-B  
 Vial # : 54  
 Data Filename : QC1-2-B\_12292022\_054.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/29/2022 9:43:46 PM  
 Date Processed : 12/30/2022 7:44:54 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0799	g/100cc	27405	11711
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170061	48549
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

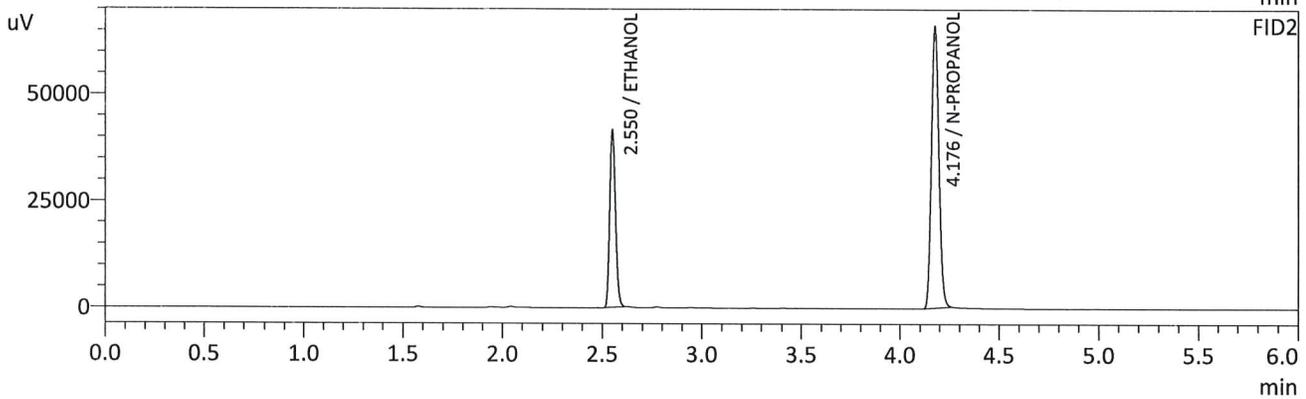
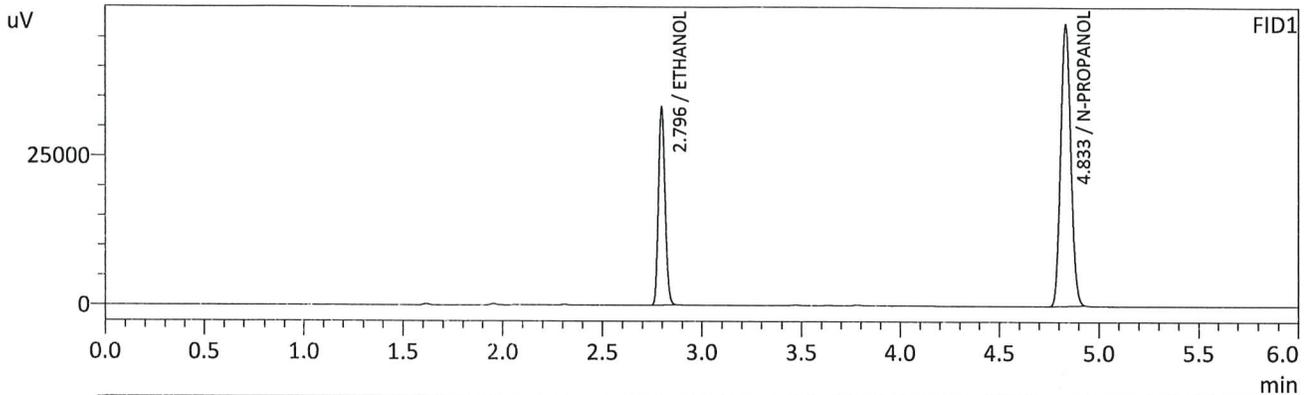
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0811	g/100cc	28852	14378
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178392	67435
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



TS

Sample Name : QC2-2-A  
 Vial # : 71  
 Data Filename : QC2-2-A\_12292022\_071.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/30/2022 12:25:43 AM  
 Date Processed : 12/30/2022 7:45:14 AM  
 C:\LabSolutions\Data\2022\12-29-22 TS\ALCOHOL.gcm



FID1

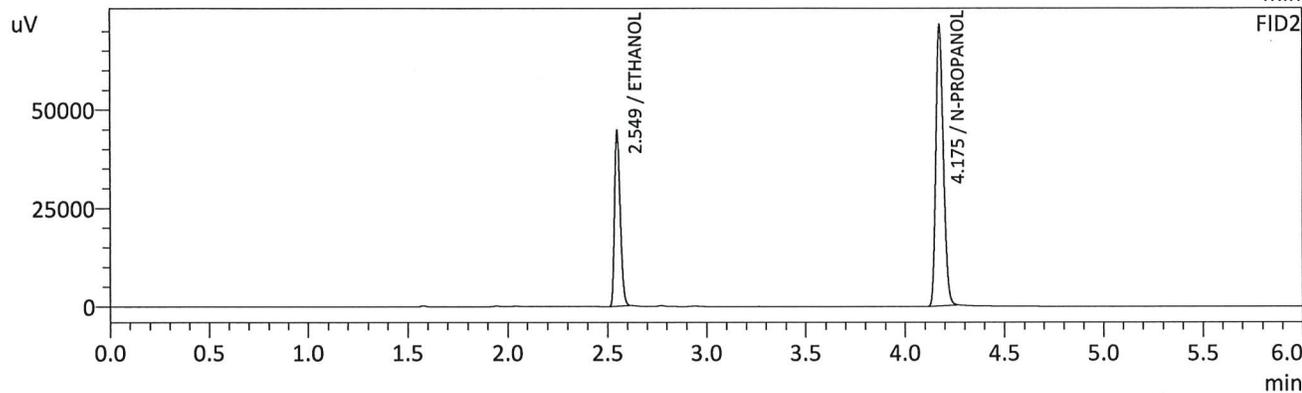
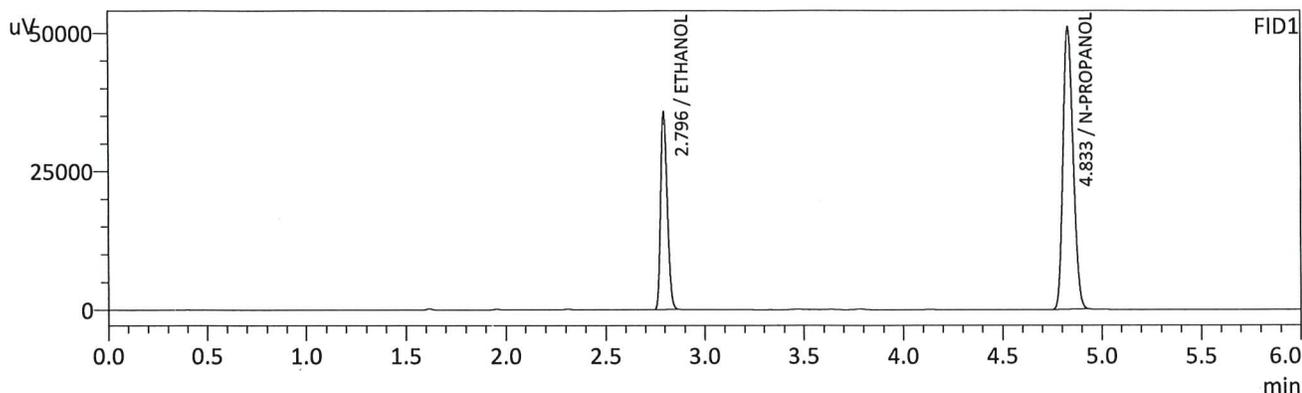
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2286	g/100cc	77632	32968
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165808	47416
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2281	g/100cc	82443	41468
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	173964	65909
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

Sample Name : QC2-2-B  
 Vial # : 72  
 Data Filename : QC2-2-B\_12292022\_072.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/30/2022 12:35:00 AM  
 Date Processed : 12/30/2022 7:45:15 AM  
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FID1

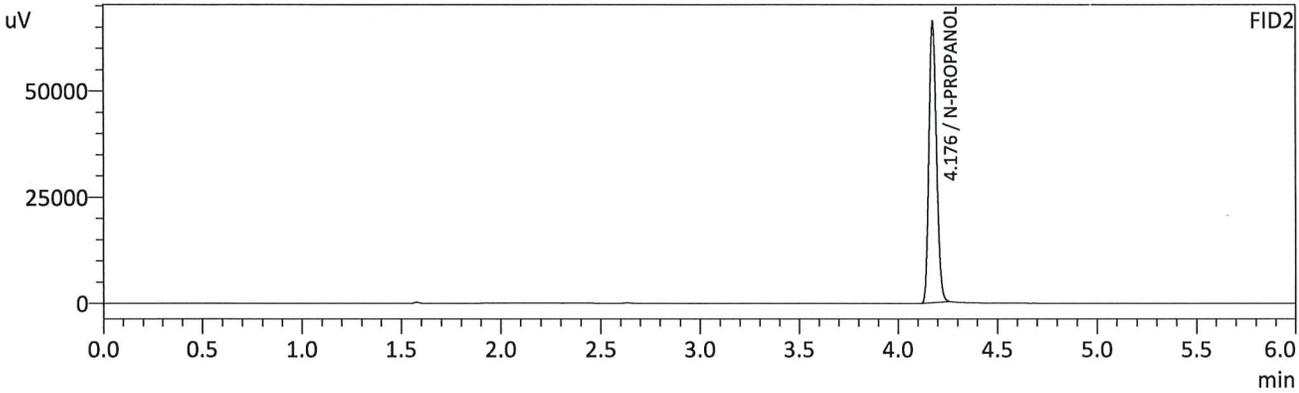
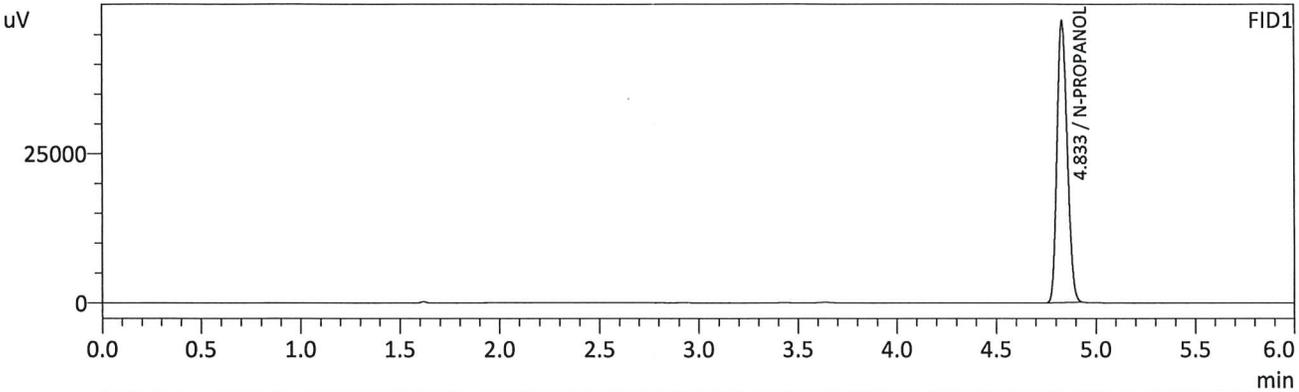
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2274	g/100cc	83205	35299
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178662	50996
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2269	g/100cc	88439	44298
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187684	71283
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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Sample Name : INT STD BLK 3  
 Vial # : 73  
 Data Filename : INT STD BLK 3\_12292022\_073.gcd  
 Method Filename : ALCOHOL.gcm  
 Batch Filename : 12-29-22 TS.gcb  
 Date Acquired : 12/30/2022 12:44:49 AM  
 Date Processed : 12/30/2022 7:45:16 AM  
 C:\LabSolutions\Data\2022\12-29-22 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	165538	47271
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	174242	66112
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 5.98

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	0.050	1:Standard:(I)	ALCOHOL.gcm	0.050_12292022_001.gcd	1
2	0.100	1:Standard:(R)	ALCOHOL.gcm	0.100_12292022_002.gcd	2
3	0.200	1:Standard:(R)	ALCOHOL.gcm	0.200_12292022_003.gcd	3
4	0.300	1:Standard:(R)	ALCOHOL.gcm	0.300_12292022_004.gcd	4
5	0.500	1:Standard:(R)	ALCOHOL.gcm	0.500_12292022_005.gcd	5
6	INT STD BLK 1	0:Unknown	ALCOHOL.gcm	INT STD BLK 1_12292022_006.gcd	0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL.gcm	MULTI-COMP MIX_12292022_007.gcd	1
8	INT STD BLK 2	0:Unknown	ALCOHOL.gcm	INT STD BLK 2_12292022_008.gcd	0
9	QC1-1-A	0:Unknown	ALCOHOL.gcm	QC1-1-A_12292022_009.gcd	0
10	QC1-1-B	0:Unknown	ALCOHOL.gcm	QC1-1-B_12292022_010.gcd	0
11	0.08 QA - A	0:Unknown	ALCOHOL.gcm	0.08 QA - A_12292022_011.gcd	0
12	0.08 QA - B	0:Unknown	ALCOHOL.gcm	0.08 QA - B_12292022_012.gcd	0
13	M2022-5135-2-A	0:Unknown	ALCOHOL.gcm	M2022-5135-2-A_12292022_013.gcd	0
14	M2022-5135-2-B	0:Unknown	ALCOHOL.gcm	M2022-5135-2-B_12292022_014.gcd	0
15	P2022-3744-1-A	0:Unknown	ALCOHOL.gcm	P2022-3744-1-A_12292022_015.gcd	0
16	P2022-3744-1-B	0:Unknown	ALCOHOL.gcm	P2022-3744-1-B_12292022_016.gcd	0
17	P2022-3748-1-A	0:Unknown	ALCOHOL.gcm	P2022-3748-1-A_12292022_017.gcd	0
18	P2022-3748-1-B	0:Unknown	ALCOHOL.gcm	P2022-3748-1-B_12292022_018.gcd	0
19	P2022-3750-1-A	0:Unknown	ALCOHOL.gcm	P2022-3750-1-A_12292022_019.gcd	0
20	P2022-3750-1-B	0:Unknown	ALCOHOL.gcm	P2022-3750-1-B_12292022_020.gcd	0
21	P2022-3751-1-A	0:Unknown	ALCOHOL.gcm	P2022-3751-1-A_12292022_021.gcd	0
22	P2022-3751-1-B	0:Unknown	ALCOHOL.gcm	P2022-3751-1-B_12292022_022.gcd	0
23	P2022-3752-1-A	0:Unknown	ALCOHOL.gcm	P2022-3752-1-A_12292022_023.gcd	0
24	P2022-3752-1-B	0:Unknown	ALCOHOL.gcm	P2022-3752-1-B_12292022_024.gcd	0
25	P2022-3754-1-A	0:Unknown	ALCOHOL.gcm	P2022-3754-1-A_12292022_025.gcd	0
26	P2022-3754-1-B	0:Unknown	ALCOHOL.gcm	P2022-3754-1-B_12292022_026.gcd	0
27	P2022-3755-1-A	0:Unknown	ALCOHOL.gcm	P2022-3755-1-A_12292022_027.gcd	0
28	P2022-3755-1-B	0:Unknown	ALCOHOL.gcm	P2022-3755-1-B_12292022_028.gcd	0
29	P2022-3756-1-A	0:Unknown	ALCOHOL.gcm	P2022-3756-1-A_12292022_029.gcd	0
30	P2022-3756-1-B	0:Unknown	ALCOHOL.gcm	P2022-3756-1-B_12292022_030.gcd	0
31	QC2-1-A	0:Unknown	ALCOHOL.gcm	QC2-1-A_12292022_031.gcd	0
32	QC2-1-B	0:Unknown	ALCOHOL.gcm	QC2-1-B_12292022_032.gcd	0
33	P2022-3775-1-A	0:Unknown	ALCOHOL.gcm	P2022-3775-1-A_12292022_033.gcd	0
34	P2022-3775-1-B	0:Unknown	ALCOHOL.gcm	P2022-3775-1-B_12292022_034.gcd	0
35	P2022-3787-1-A	0:Unknown	ALCOHOL.gcm	P2022-3787-1-A_12292022_035.gcd	0
36	P2022-3787-1-B	0:Unknown	ALCOHOL.gcm	P2022-3787-1-B_12292022_036.gcd	0
37	P2022-3808-1-A	0:Unknown	ALCOHOL.gcm	P2022-3808-1-A_12292022_037.gcd	0
38	P2022-3808-1-B	0:Unknown	ALCOHOL.gcm	P2022-3808-1-B_12292022_038.gcd	0
39	P2022-3811-1-A	0:Unknown	ALCOHOL.gcm	P2022-3811-1-A_12292022_039.gcd	0
40	P2022-3811-1-B	0:Unknown	ALCOHOL.gcm	P2022-3811-1-B_12292022_040.gcd	0
41	P2022-3818-1-A	0:Unknown	ALCOHOL.gcm	P2022-3818-1-A_12292022_041.gcd	0
42	P2022-3818-1-B	0:Unknown	ALCOHOL.gcm	P2022-3818-1-B_12292022_042.gcd	0
43	P2022-3823-1-A	0:Unknown	ALCOHOL.gcm	P2022-3823-1-A_12292022_043.gcd	0
44	P2022-3823-1-B	0:Unknown	ALCOHOL.gcm	P2022-3823-1-B_12292022_044.gcd	0
45	P2022-3824-1-A	0:Unknown	ALCOHOL.gcm	P2022-3824-1-A_12292022_045.gcd	0
46	P2022-3824-1-B	0:Unknown	ALCOHOL.gcm	P2022-3824-1-B_12292022_046.gcd	0
47	P2022-3830-1-A	0:Unknown	ALCOHOL.gcm	P2022-3830-1-A_12292022_047.gcd	0
48	P2022-3830-1-B	0:Unknown	ALCOHOL.gcm	P2022-3830-1-B_12292022_048.gcd	0
49	P2022-3834-1-A	0:Unknown	ALCOHOL.gcm	P2022-3834-1-A_12292022_049.gcd	0
50	P2022-3834-1-B	0:Unknown	ALCOHOL.gcm	P2022-3834-1-B_12292022_050.gcd	0
51	P2022-3835-1-A	0:Unknown	ALCOHOL.gcm	P2022-3835-1-A_12292022_051.gcd	0
52	P2022-3835-1-B	0:Unknown	ALCOHOL.gcm	P2022-3835-1-B_12292022_052.gcd	0

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
53	QC1-2-A	0:Unknown	ALCOHOL.gcm	QC1-2-A_12292022_053.gcd	0
54	QC1-2-B	0:Unknown	ALCOHOL.gcm	QC1-2-B_12292022_054.gcd	0
55	P2022-3836-1-A	0:Unknown	ALCOHOL.gcm	P2022-3836-1-A_12292022_055.gcd	0
56	P2022-3836-1-B	0:Unknown	ALCOHOL.gcm	P2022-3836-1-B_12292022_056.gcd	0
57	P2022-3854-1-A	0:Unknown	ALCOHOL.gcm	P2022-3854-1-A_12292022_057.gcd	0
58	P2022-3854-1-B	0:Unknown	ALCOHOL.gcm	P2022-3854-1-B_12292022_058.gcd	0
59	P2022-3858-1-A	0:Unknown	ALCOHOL.gcm	P2022-3858-1-A_12292022_059.gcd	0
60	P2022-3858-1-B	0:Unknown	ALCOHOL.gcm	P2022-3858-1-B_12292022_060.gcd	0
61	P2022-3860-1-A	0:Unknown	ALCOHOL.gcm	P2022-3860-1-A_12292022_061.gcd	0
62	P2022-3860-1-B	0:Unknown	ALCOHOL.gcm	P2022-3860-1-B_12292022_062.gcd	0
63	P2022-3861-1-A	0:Unknown	ALCOHOL.gcm	P2022-3861-1-A_12292022_063.gcd	0
64	P2022-3861-1-B	0:Unknown	ALCOHOL.gcm	P2022-3861-1-B_12292022_064.gcd	0
65	P2022-3878-1-A	0:Unknown	ALCOHOL.gcm	P2022-3878-1-A_12292022_065.gcd	0
66	P2022-3878-1B	0:Unknown	ALCOHOL.gcm	P2022-3878-1B_12292022_066.gcd	0
67	P2022-3879-1-A	0:Unknown	ALCOHOL.gcm	P2022-3879-1-A_12292022_067.gcd	0
68	P2022-3879-1-B	0:Unknown	ALCOHOL.gcm	P2022-3879-1-B_12292022_068.gcd	0
69	P2022-3888-1-A	0:Unknown	ALCOHOL.gcm	P2022-3888-1-A_12292022_069.gcd	0
70	P2022-3888-1B	0:Unknown	ALCOHOL.gcm	P2022-3888-1B_12292022_070.gcd	0
71	QC2-2-A	0:Unknown	ALCOHOL.gcm	QC2-2-A_12292022_071.gcd	0
72	QC2-2-B	0:Unknown	ALCOHOL.gcm	QC2-2-B_12292022_072.gcd	0
73	INT STD BLK 3	0:Unknown	ALCOHOL.gcm	INT STD BLK 3_12292022_073.gcd	0