

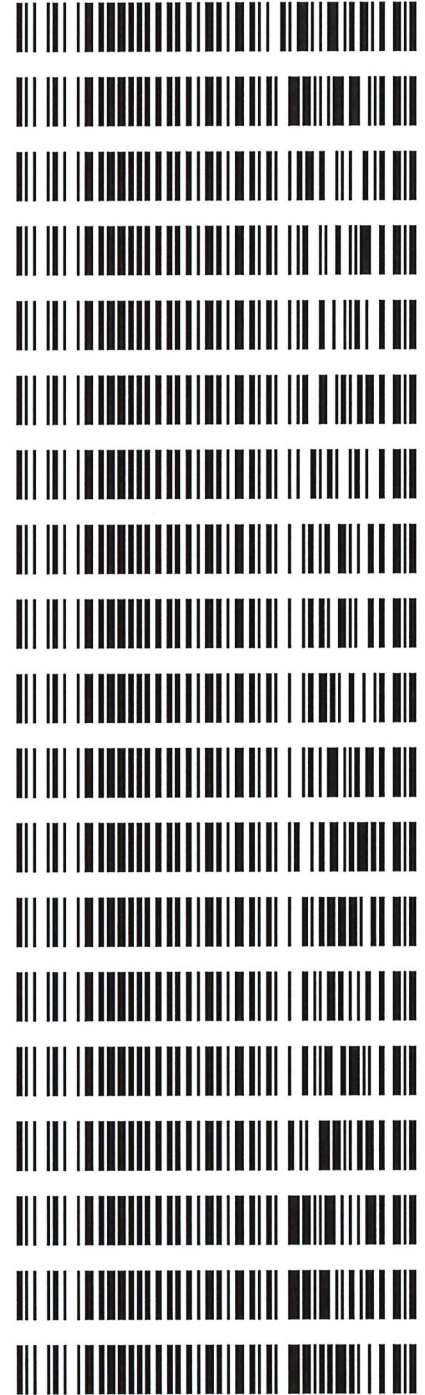
NB

B

12/21/2021

Worklist: 5427

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2021-1145	1	BCK	Alcohol Analysis
P2021-3774	2	BCK	Alcohol Analysis
P2021-3865	1	BCK	Alcohol Analysis
P2021-3866	1	BCK	Alcohol Analysis
P2021-3870	1	BCK	Alcohol Analysis
P2021-3871	1	BCK	Alcohol Analysis
P2021-3893	1	BCK	Alcohol Analysis
P2021-3899	1	BCK	Alcohol Analysis
P2021-3901	1	BCK	Alcohol Analysis
P2021-3902	1	BCK	Alcohol Analysis
P2021-3909	1	BCK	Alcohol Analysis
P2021-3917	1	BCK	Alcohol Analysis
P2021-3935	1	BCK	Alcohol Analysis
P2021-3945	1	BCK	Alcohol Analysis
P2021-3951	1	BCK	Alcohol Analysis
P2021-3967	1	BCK	Alcohol Analysis
P2021-3977	1	BCK	Alcohol Analysis
P2021-3979	1	BCK	Alcohol Analysis
P2021-3980	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): 12/20/2021

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0736 g/100cc 0.0781 g/100cc g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2164 g/100cc g/100cc
Multi-Component mixture:			Lot #	FN06041902	ok
Curve Fit:			Column 1	0.99994	Column 2
					0.99985

Ethanol Calibration Reference Material					
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Mean
50	0.050	0.045 - 0.055	0.0513	0.0524	0.0518
100	0.100	0.090 - 0.110	0.1003	0.1000	0.1001
200	0.200	0.180 - 0.220	0.1983	0.1975	0.1979
300	0.300	0.270 - 0.330	0.2988	0.2981	0.2984
400	0.400	0.360 - 0.440			#DIV/0!
500	0.500	0.450 - 0.550	0.5011	0.5018	0.5014

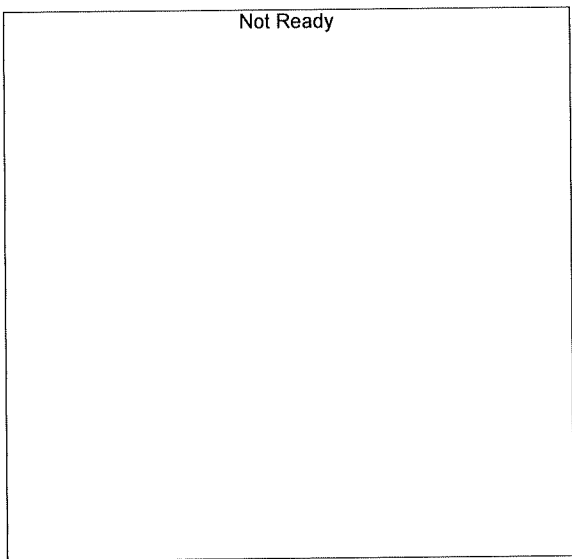
Aqueous Controls		
Control level	Target Value	Overall Results
80	0.080	0.076 - 0.084
		0.081 g/100cc

TS

Calibration Table

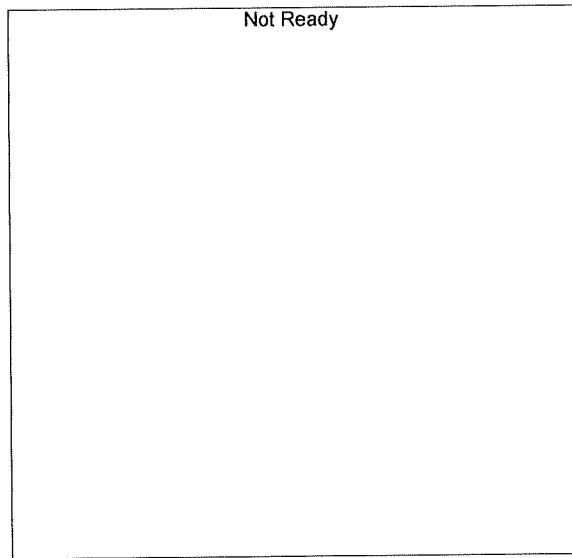
Laboratory: Pocatello
Instrument Name : GC2030-HS20

<<Data File>>
Method File :C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm ✓
Batch File :C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\12-20-21_ts_post.gcb
Date Acquired :12/20/2021 10:45:50 AM
Date Created :12/20/2021 10:43:03 AM
Date Modified :12/21/2021 7:47:06 AM



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

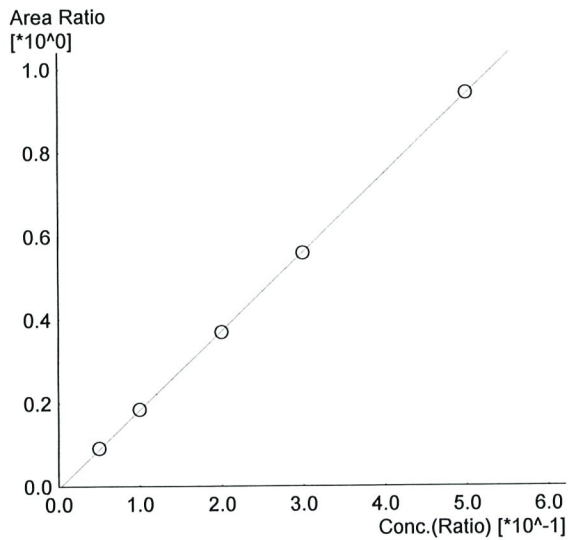
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

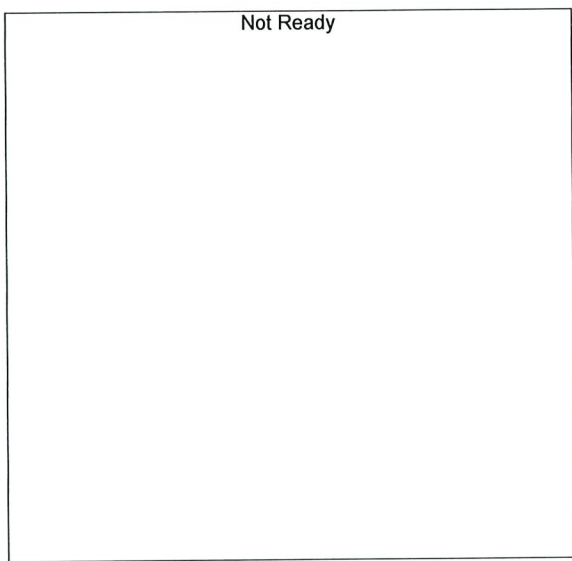
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

TS



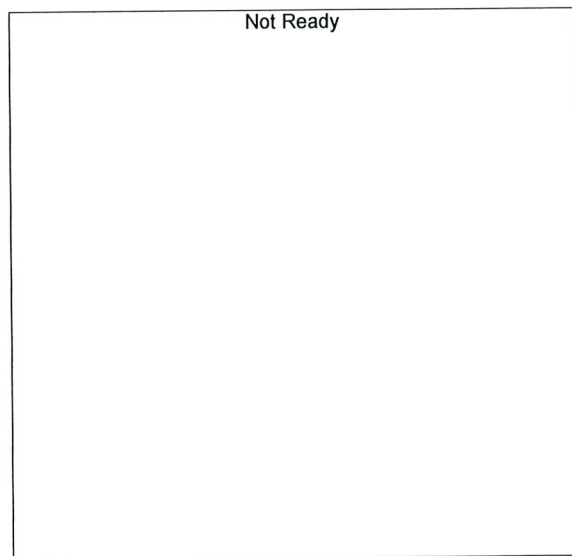
Name : ETHANOL
 Detector Name: FID1
 Function : $f(x)=1.88781*x-0.00523570$
 R² value=0.9999446
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15392	0.0513	0.050_12202021_001.gcd
2	0.100	30931	0.1003	0.100_12202021_002.gcd
3	0.200	62395	0.1983	0.200_12202021_003.gcd
4	0.300	91811	0.2988	0.300_12202021_004.gcd
5	0.500	159648	0.5011	0.500_12202021_005.gcd



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

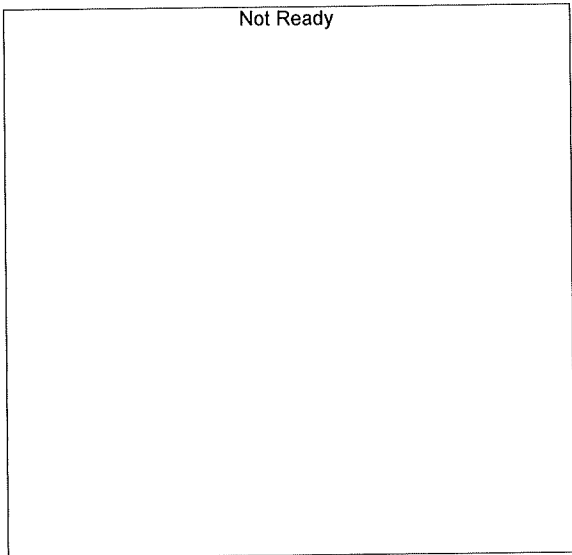
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

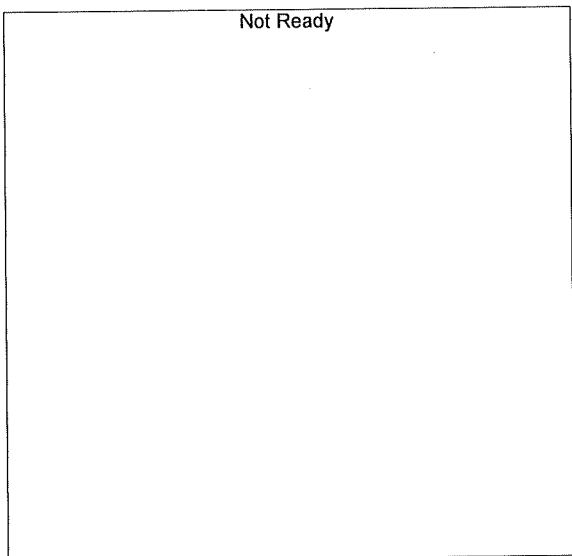
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

TS



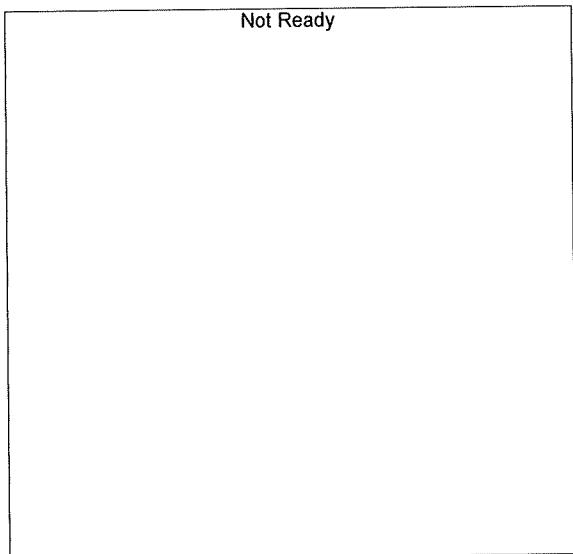
Name : DFE
Detector Name: FID1
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



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

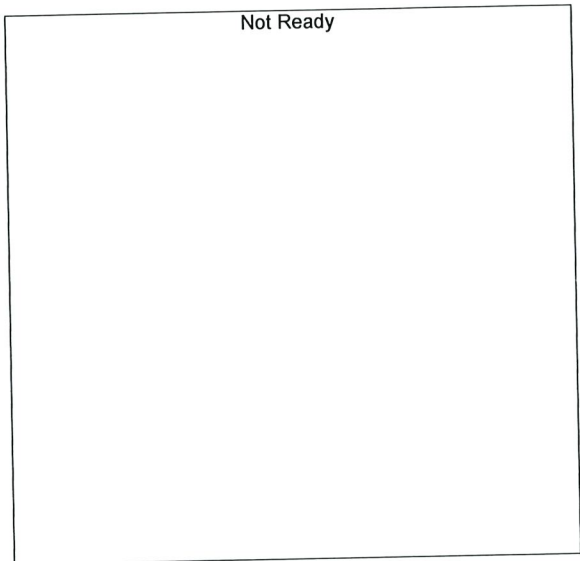
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------



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

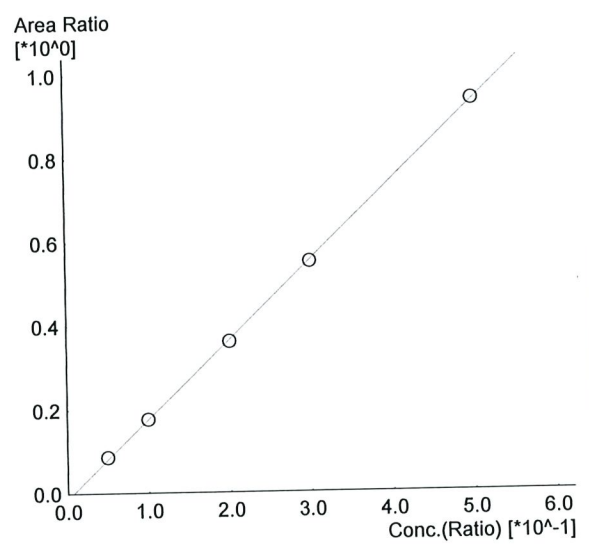
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

B



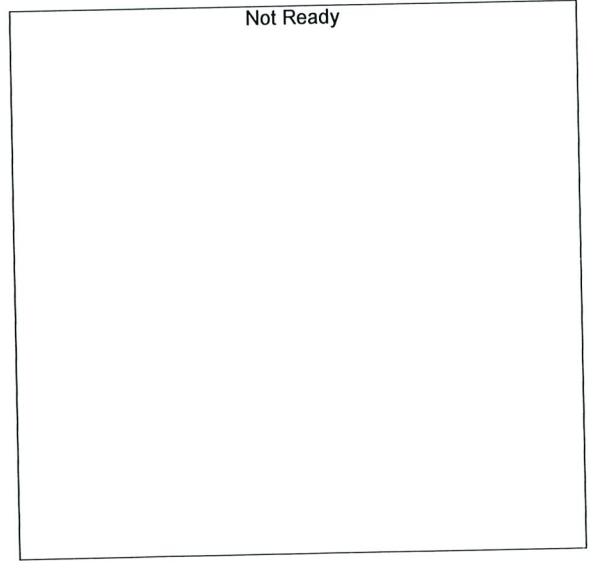
Name : METHANOL
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

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



Name : ETHANOL
 Detector Name: FID2
 Function : $f(x)=1.89498*x-0.0136721$
 R² value= 0.9998546
 FitType: Linear
 ZeroThrough: Not Through

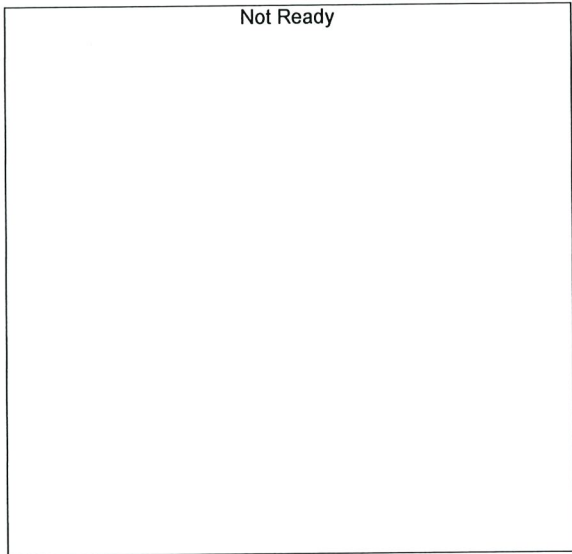
#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15097	0.0524	0.050_12202021_001.gcd
2	0.100	30980	0.1000	0.100_12202021_002.gcd
3	0.200	63640	0.1975	0.200_12202021_003.gcd
4	0.300	94620	0.2981	0.300_12202021_004.gcd
5	0.500	166081	0.5018	0.500_12202021_005.gcd



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

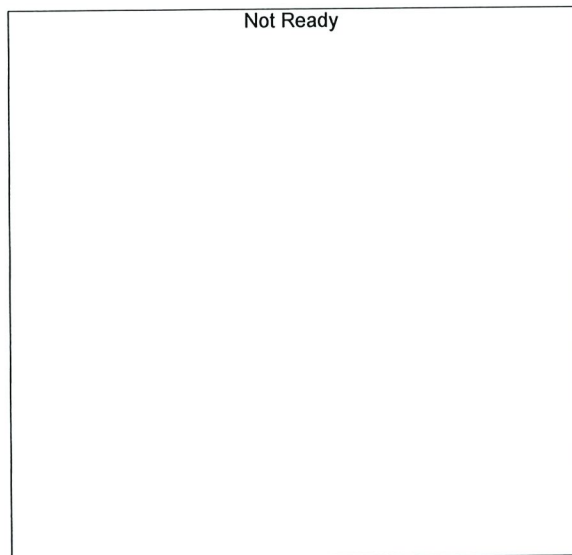
#	Conc.	Area	Std. Conc.	Data File Name
---	-------	------	------------	----------------

TS



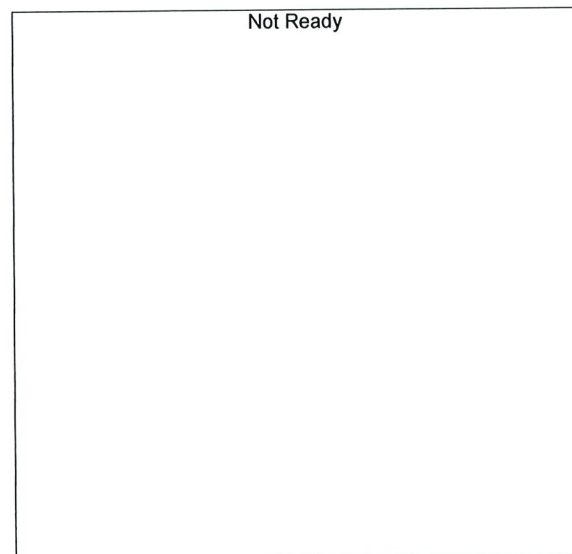
Name : ISOPROPYL ALCOHOL
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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



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

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

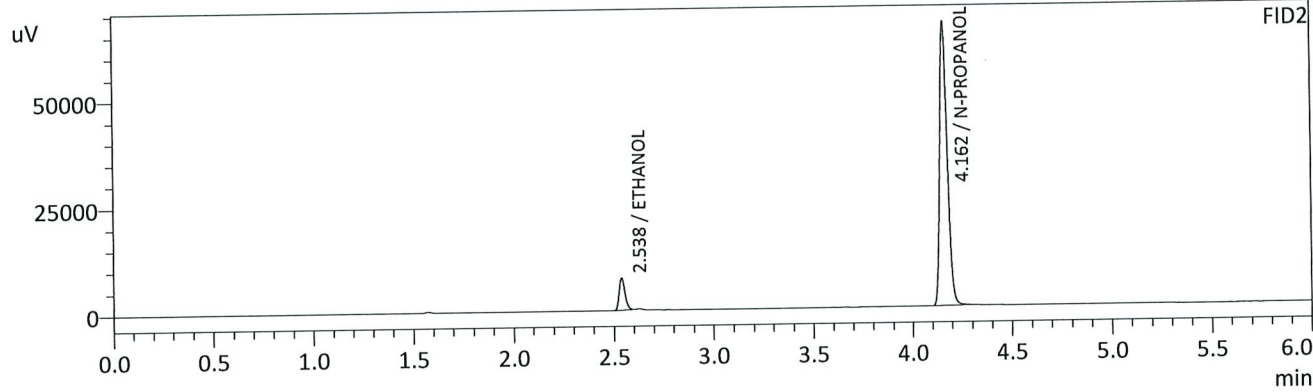
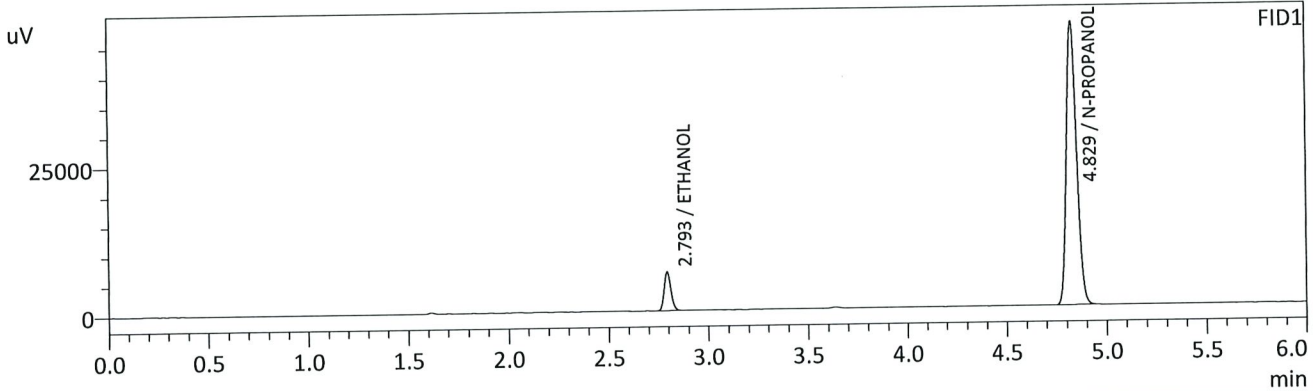


Name : TFE
Detector Name: FID2
Function : $f(x)=0*x+0$
R² value= 0
FitType: Linear
ZeroThrough: Not Through

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

B

Sample Name : 0.050
 Vial # : 1
 Data Filename : 0.050_12202021_001.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 10:10:27 AM
 Date Processed : 12/21/2021 7:46:58 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

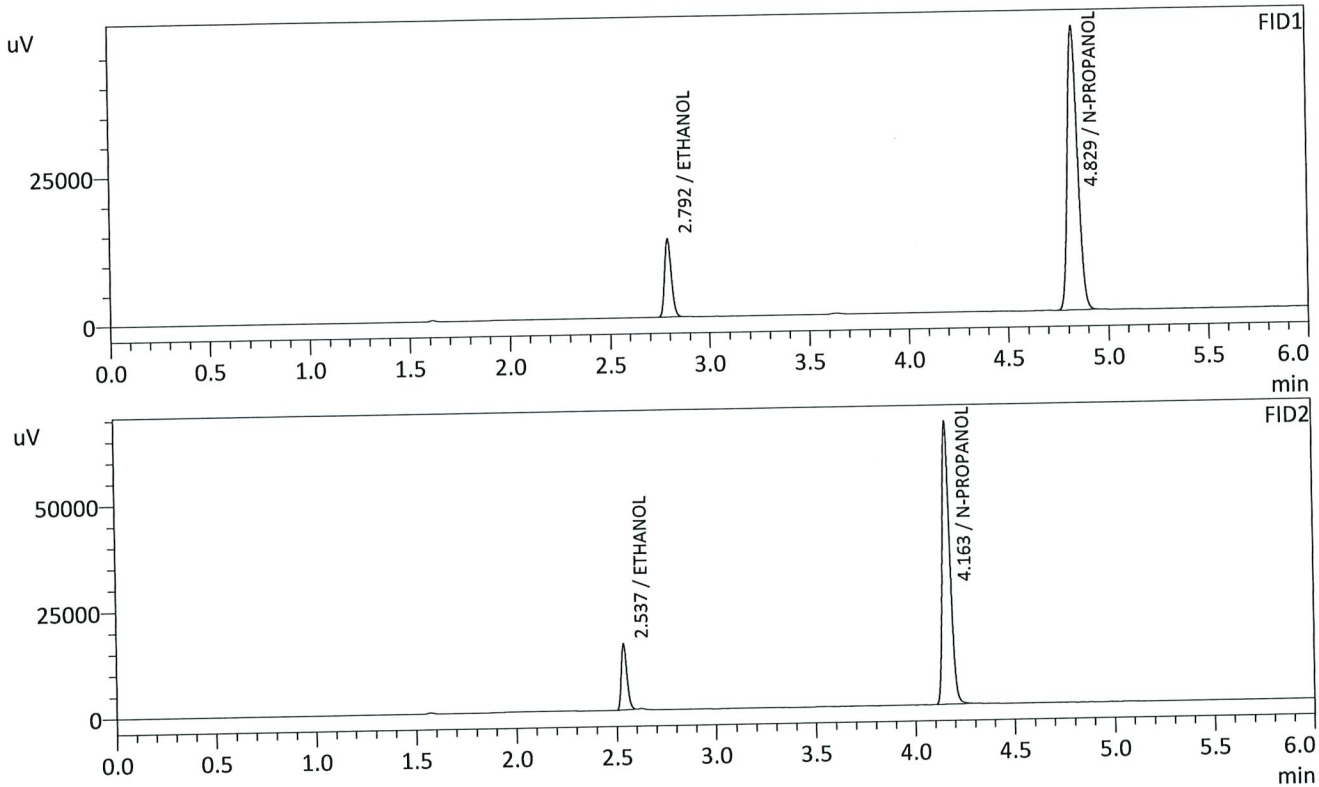
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0513	g/100cc	15392	6520
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167973	47641
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0524	g/100cc	15097	7457
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176192	66159
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

P

Sample Name : 0.100
 Vial # : 2
 Data Filename : 0.100_12202021_002.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 10:19:11 AM
 Date Processed : 12/21/2021 7:47:00 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

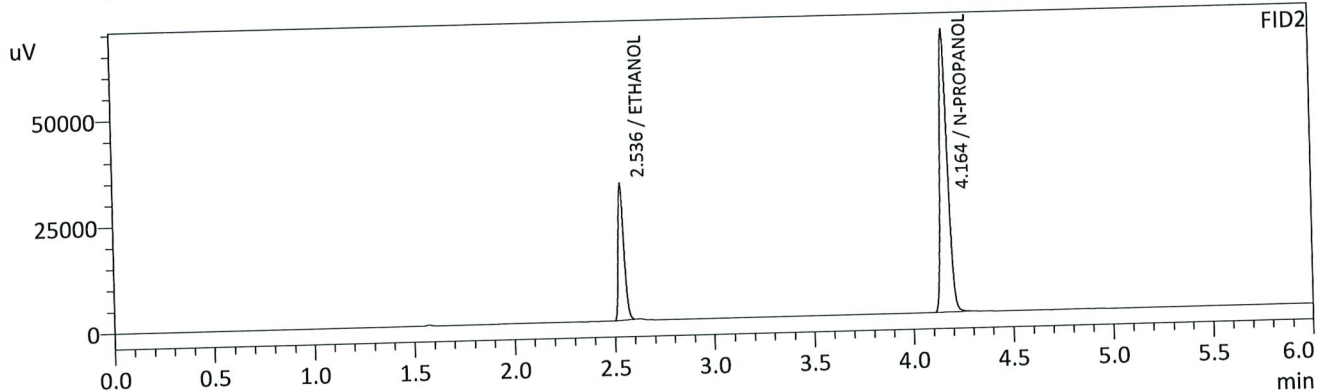
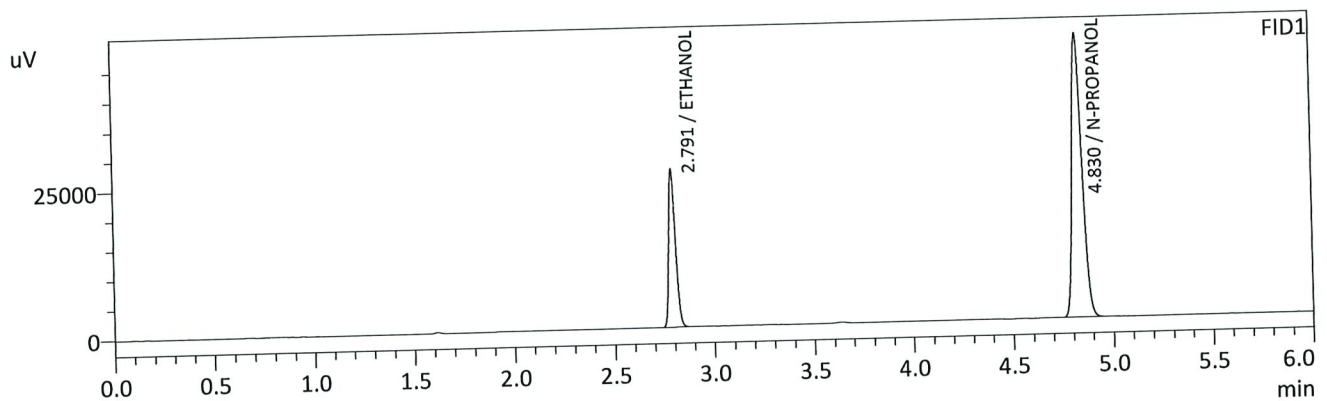
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1003	g/100cc	30931	13074
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167974	47801
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1000	g/100cc	30980	15543
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176172	66044
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.200
 Vial # : 3
 Data Filename : 0.200_12202021_003.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 10:28:17 AM
 Date Processed : 12/21/2021 7:47:02 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

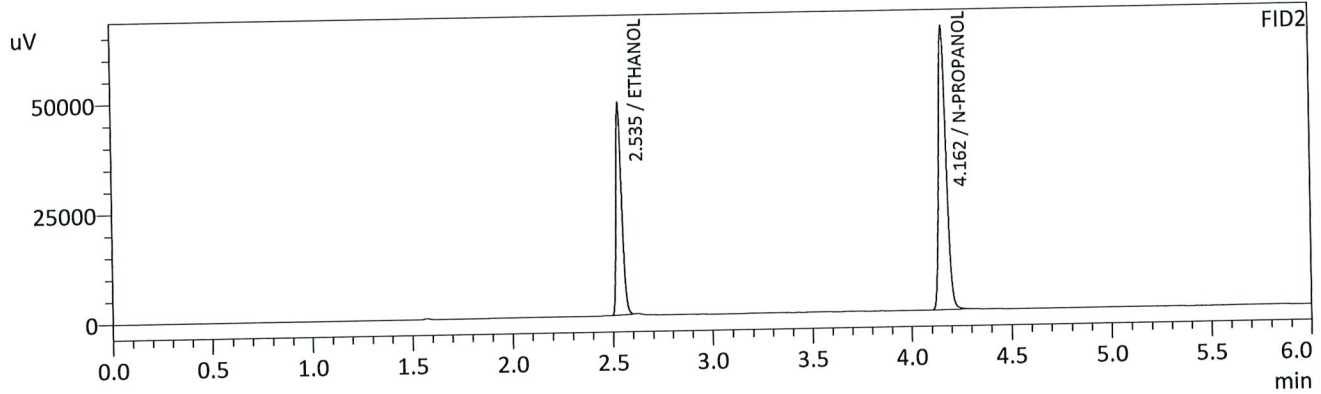
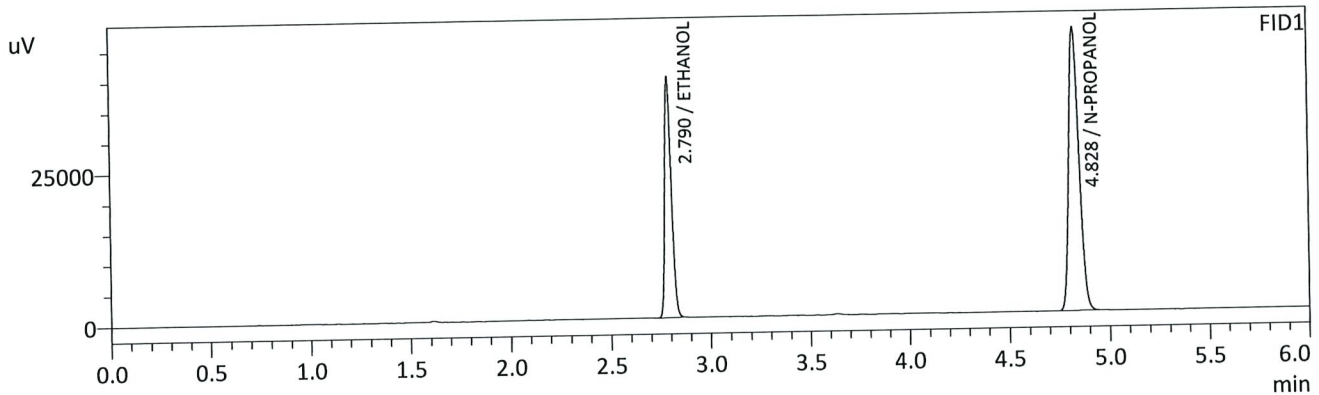
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1983	g/100cc	62395	26383
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168994	47821
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1975	g/100cc	63640	32127
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	176437	66374
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : 0.300
 Vial # : 4
 Data Filename : 0.300_12202021_004.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 10:36:55 AM
 Date Processed : 12/21/2021 7:47:04 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721_redo\ALCOHOL.gcm



FID1

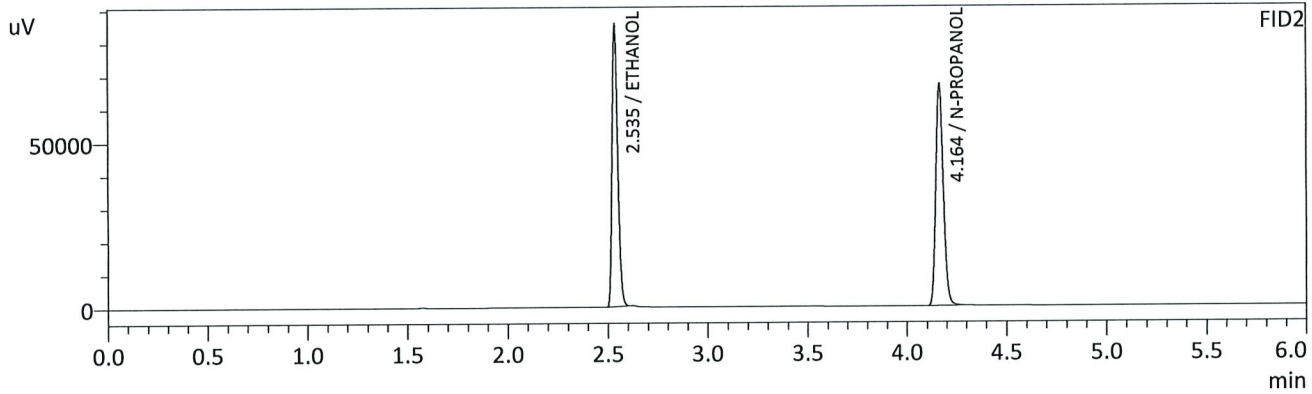
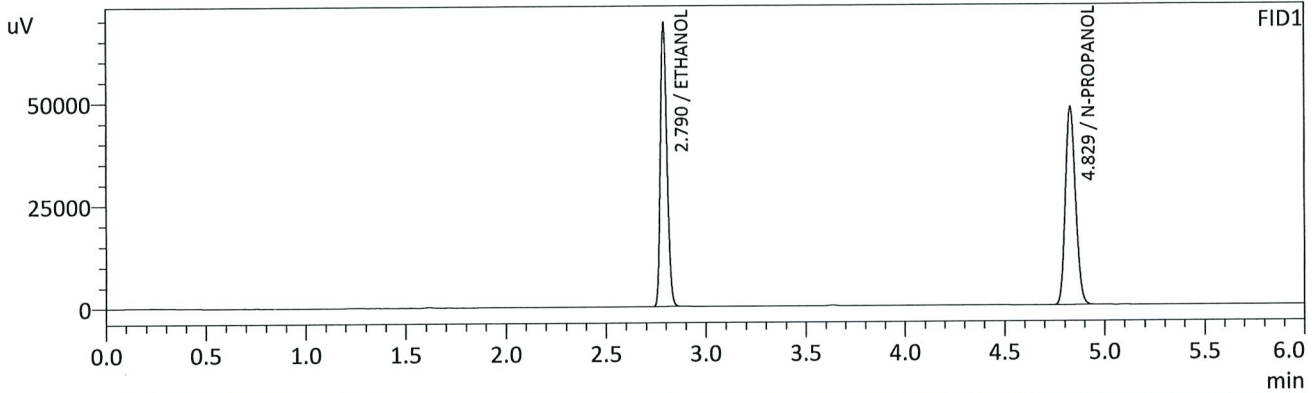
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2988	g/100cc	91811	39416
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164244	46573
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2981	g/100cc	94620	47665
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171617	64529
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

13

Sample Name : 0.500
 Vial # : 5
 Data Filename : 0.500_12202021_005.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 10:45:50 AM
 Date Processed : 12/21/2021 7:47:06 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

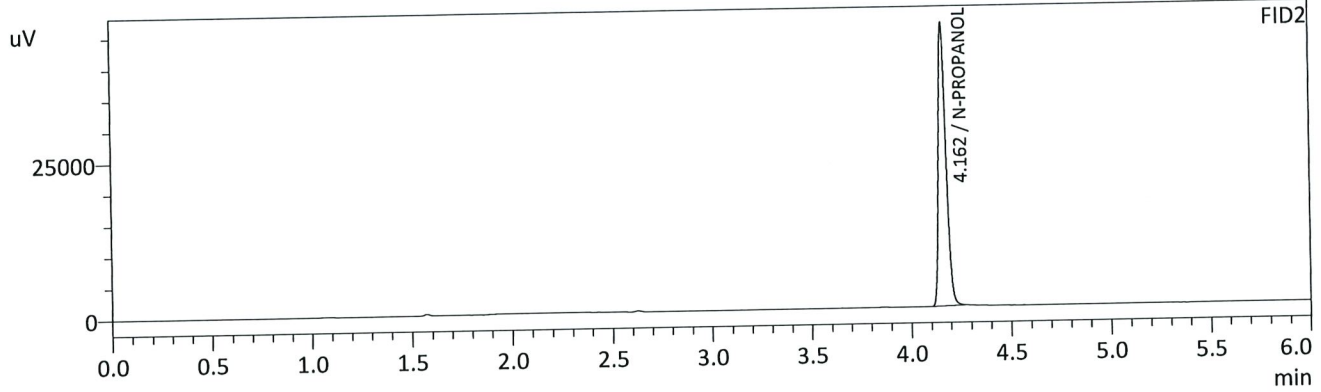
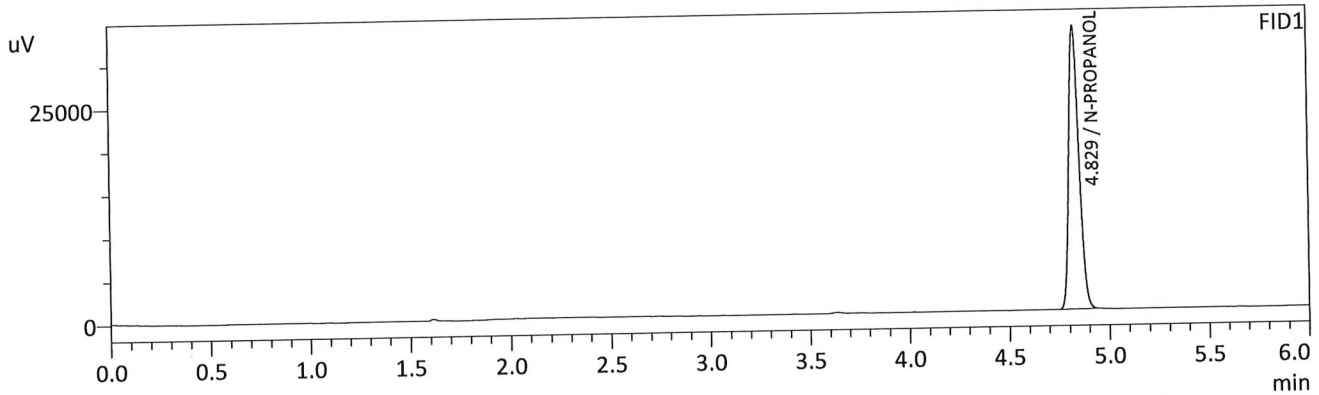
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5011	g/100cc	159648	68936
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169692	48086
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5018	g/100cc	166081	84297
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177194	66652
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TD

Sample Name : INT STD BLK 1
 Vial # : 6
 Data Filename : INT STD BLK 1_12202021_006.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 10:54:51 AM
 Date Processed : 12/21/2021 7:47:08 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

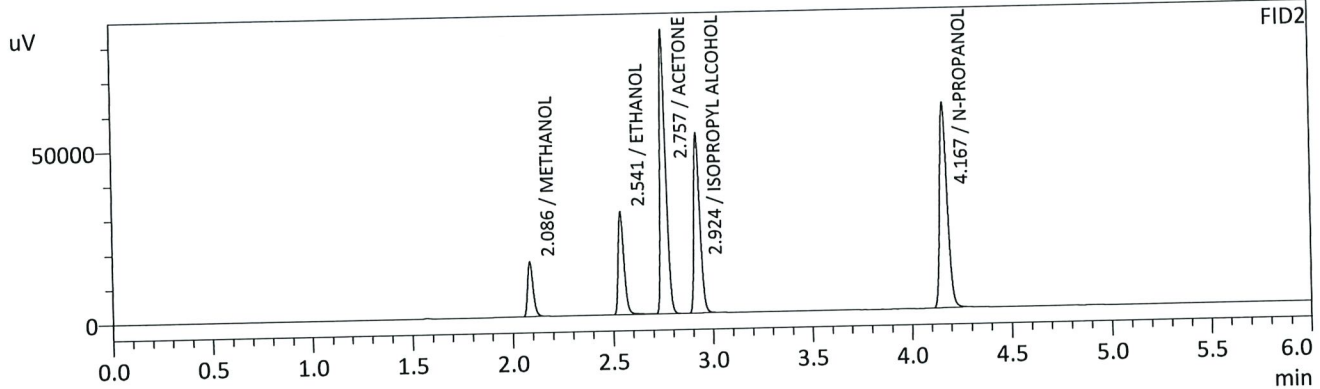
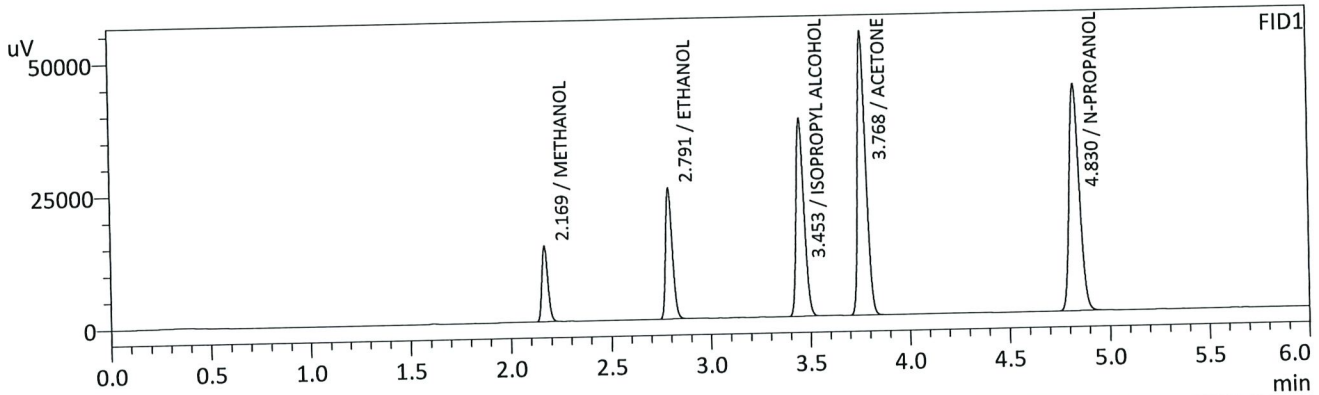
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	116246	32785
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

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	120939	45214
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

18

Sample Name : MULTI-COMP MIX
 Vial # : 7
 Data Filename : MULTI-COMP MIX_12202021_007.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 11:03:31 AM
 Date Processed : 12/21/2021 7:47:10 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

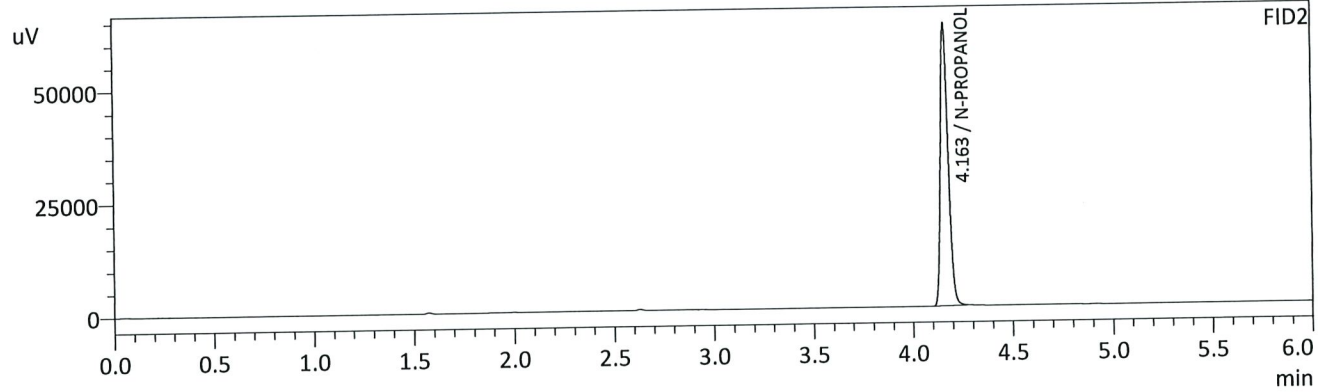
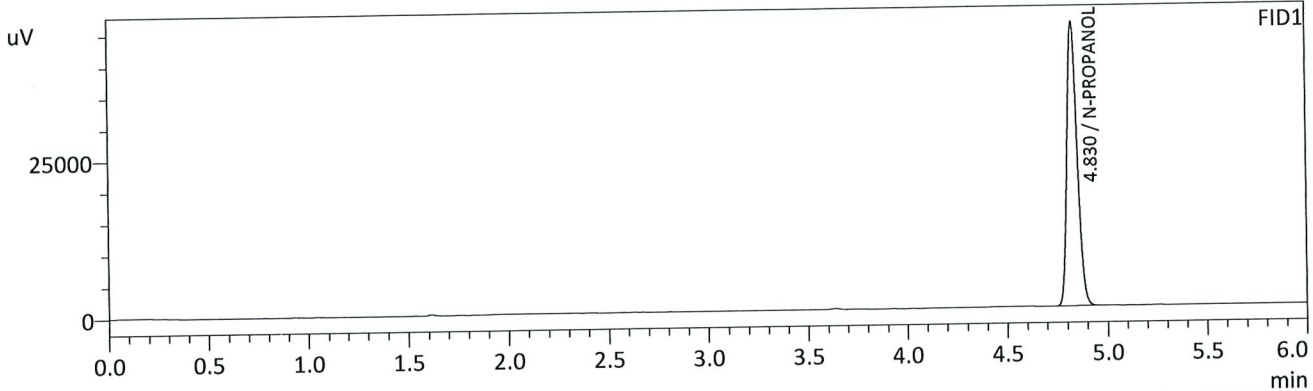
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	28912	14131
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2044	g/100cc	57027	24328
ISOPROPYL ALCOHOL	0.0000	g/100cc	103537	37095
ACETONE	0.0000	g/100cc	151975	53354
N-PROPANOL	0.0000	g/100cc	149801	42586
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	29858	15561
ETHANOL	0.2086	g/100cc	59744	29612
ACETONE	0.0000	g/100cc	162940	81898
ISOPROPYL ALCOHOL	0.0000	g/100cc	108773	52094
N-PROPANOL	0.0000	g/100cc	156550	59380
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : INT STD BLK 2
 Vial # : 8
 Data Filename : INT STD BLK 2_12202021_008.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 11:12:25 AM
 Date Processed : 12/21/2021 7:47:12 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\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	159057	45082
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	166132	62277
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC 1-1

Analysis Date(s): 12/20/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0732	0.0738	0.0006	0.0735	0.0002	0.0736
(g/100cc)	0.0737	0.0738	0.0001	0.0737		

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%

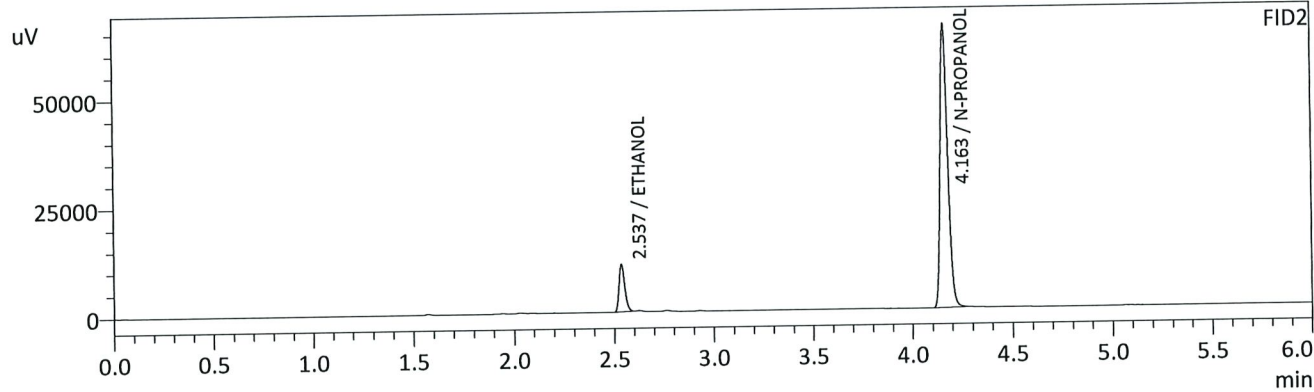
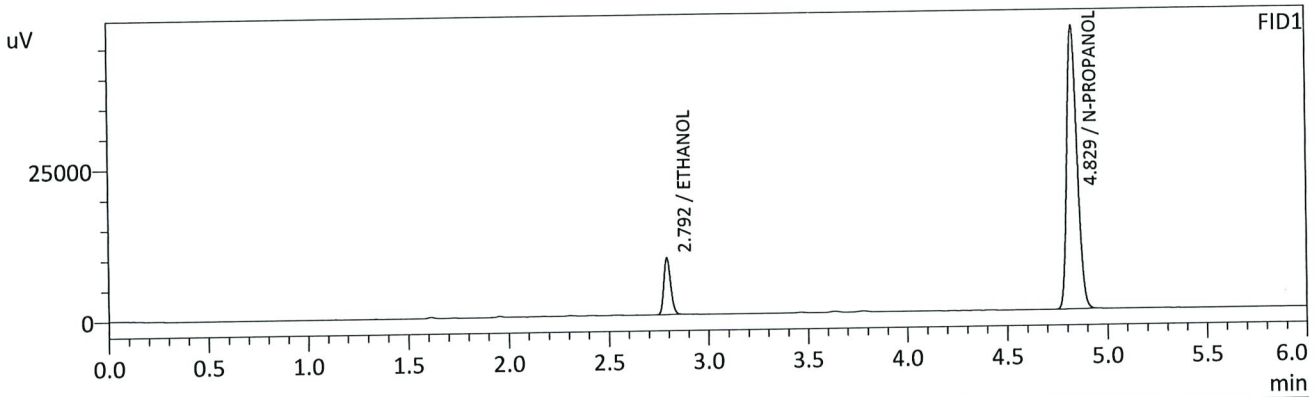
Overall Mean (g/100cc)	Low	High	5% of Mean
0.073	0.069	0.077	0.004

Reported Result
0.073

Calibration and control data are stored centrally.

TS

Sample Name : QC-1-1-A
 Vial # : 9
 Data Filename : QC-1-1-A_12202021_009.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 11:21:26 AM
 Date Processed : 12/21/2021 7:47:13 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

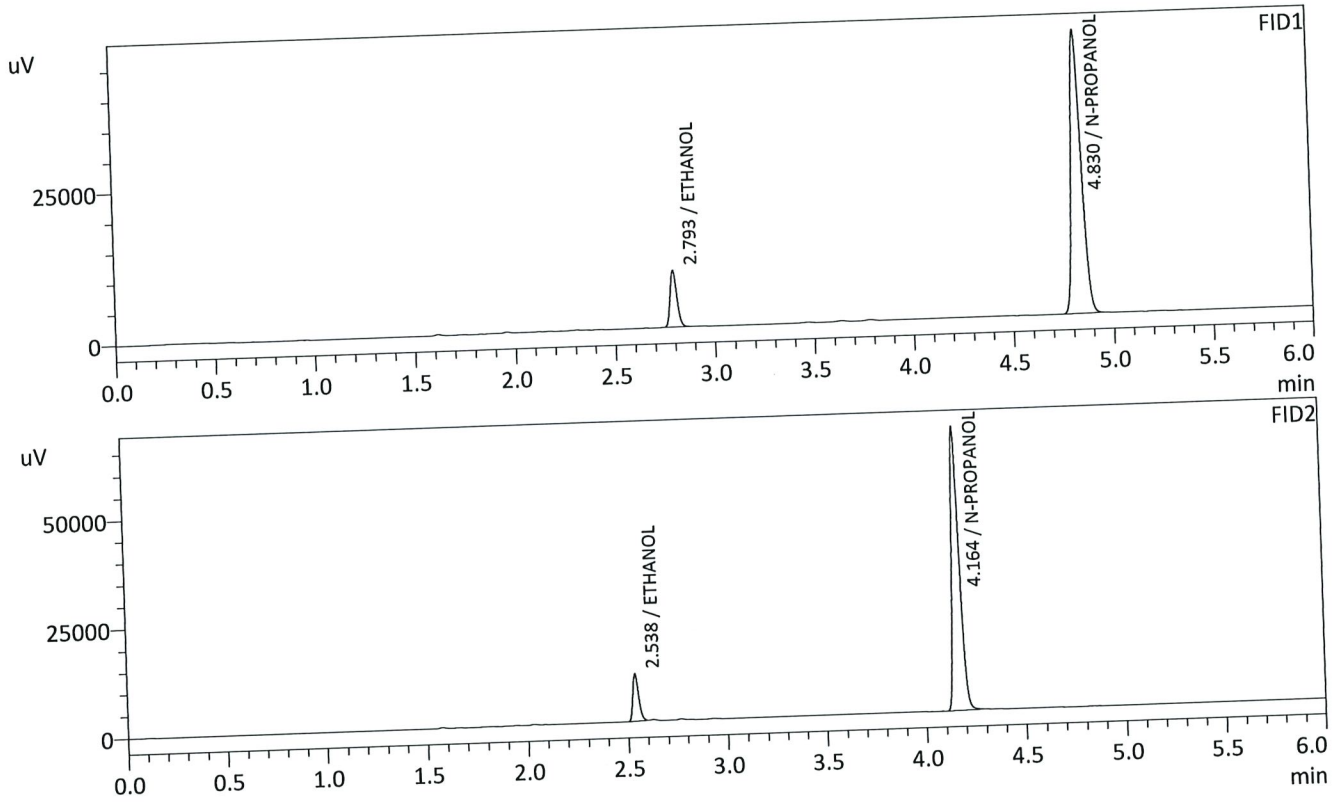
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0732	g/100cc	21934	9273
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164758	46775
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0738	g/100cc	21785	10888
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172640	64642
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC-1-1-B
 Vial # : 10
 Data Filename : QC-1-1-B_12202021_010.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 11:30:07 AM
 Date Processed : 12/21/2021 7:47:14 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0737	g/100cc	22026	9287
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164413	46437
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0738	g/100cc	21733	10804
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172065	64804
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 QA

Analysis Date(s): 12/20/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0815	0.0816	0.0001	0.0815	0.0000	0.0815
(g/100cc)	0.0816	0.0814	0.0002	0.0815		

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

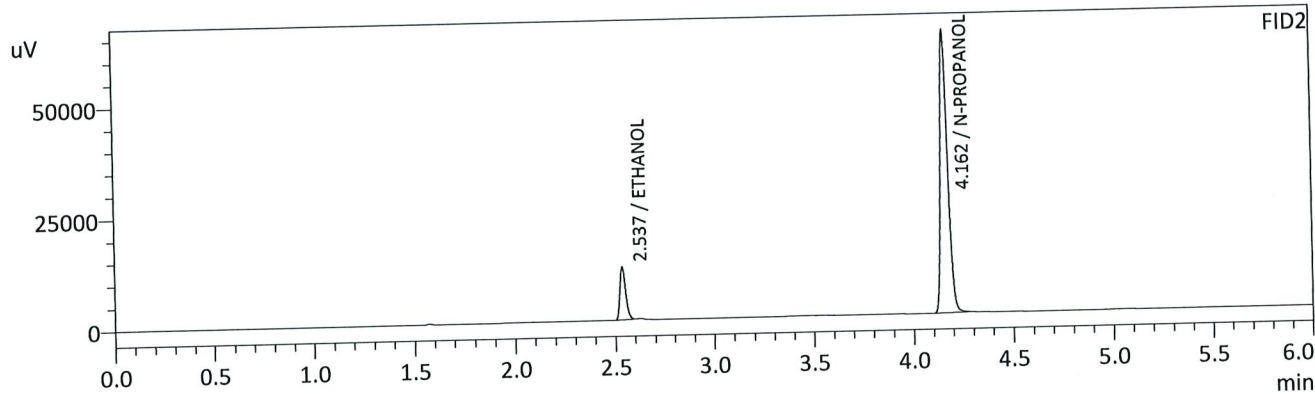
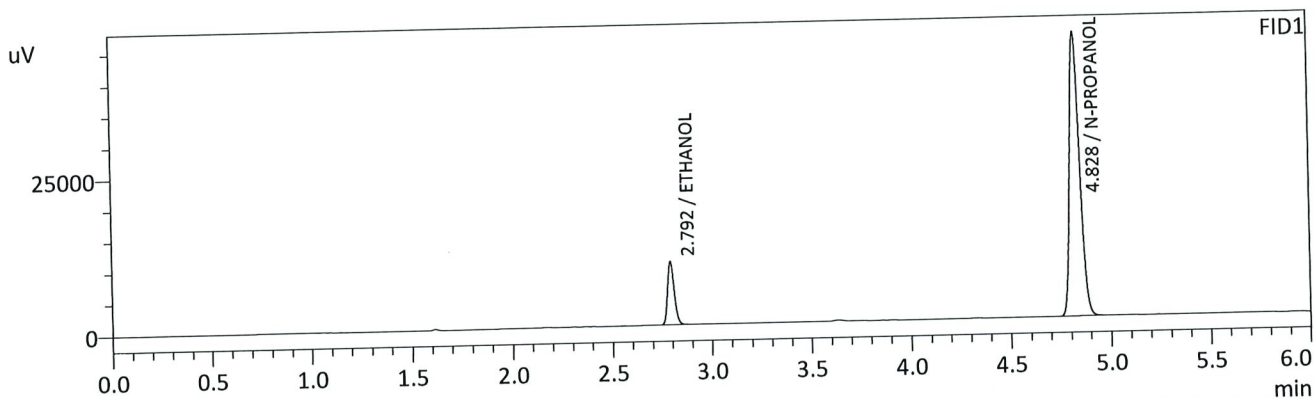
Reported Result

0.081

Calibration and control data are stored centrally.

BS

Sample Name : 0.08 QA - A
 Vial # : 11
 Data Filename : 0.08 QA - A_12202021_011.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 11:39:00 AM
 Date Processed : 12/21/2021 7:47:16 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

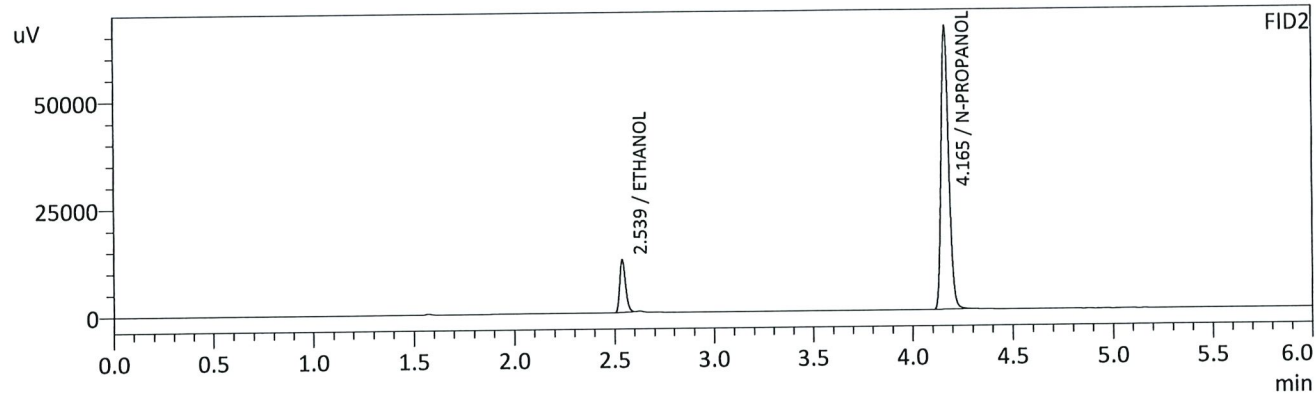
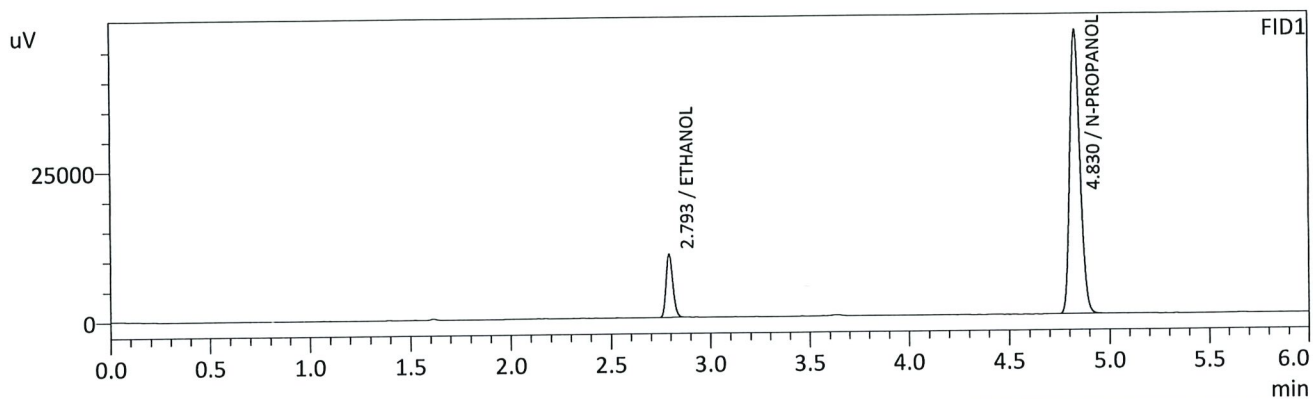
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0815	g/100cc	23805	10048
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	160061	45459
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0816	g/100cc	23677	11839
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167907	63472
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_12202021_012.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 11:48:03 AM
 Date Processed : 12/21/2021 7:47:17 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0816	g/100cc	24921	10480
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167336	47227
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0814	g/100cc	24625	12158
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174971	65908
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC 2-1

Analysis Date(s): 12/20/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2168	0.2157	0.0011	0.2162	0.0004	0.2164
(g/100cc)	0.2173	0.2160	0.0013	0.2166		

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%

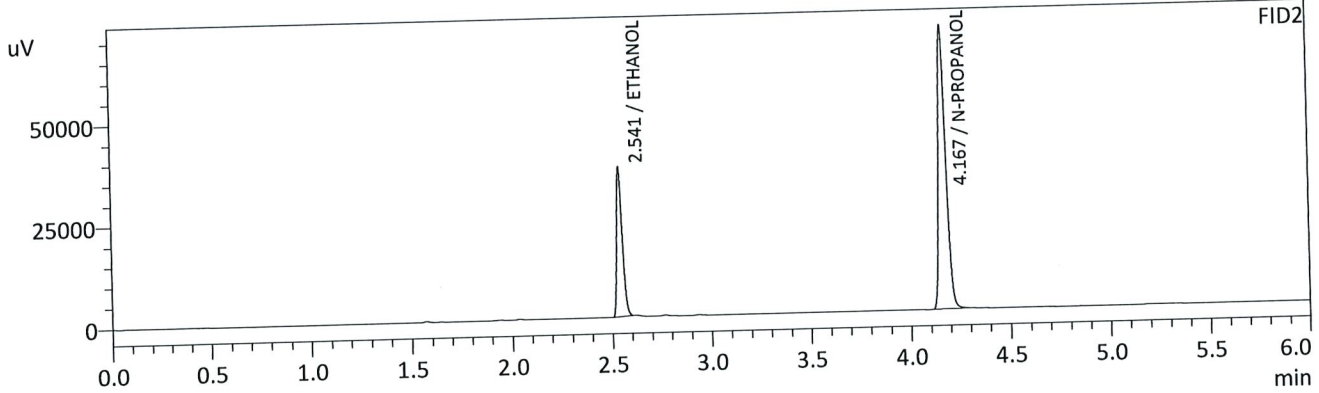
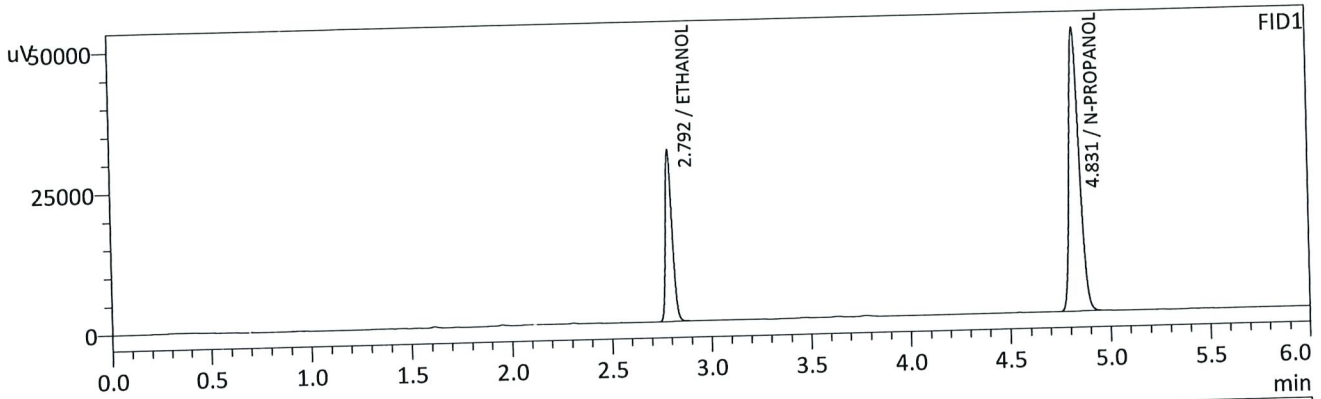
Overall Mean (g/100cc)	Low	High	5% of Mean
0.216	0.205	0.227	0.011

	Reported Result <hr style="border-top: 1px dashed black;"/> 0.216	
--	--------------------------------------------------------------------------------	--

Calibration and control data are stored centrally.

TS

Sample Name : QC-2-1-A
 Vial # : 31
 Data Filename : QC-2-1-A_12202021_031.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 2:36:11 PM
 Date Processed : 12/21/2021 7:47:42 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm

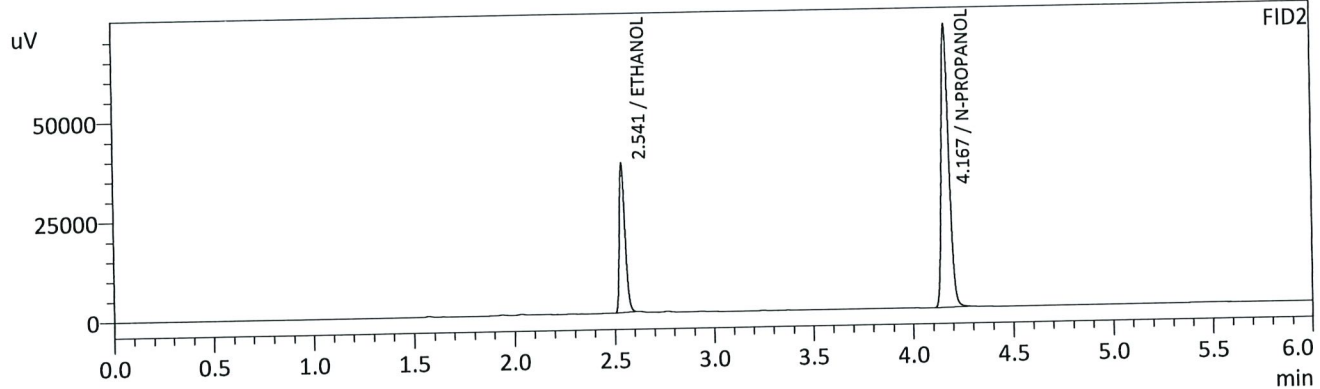
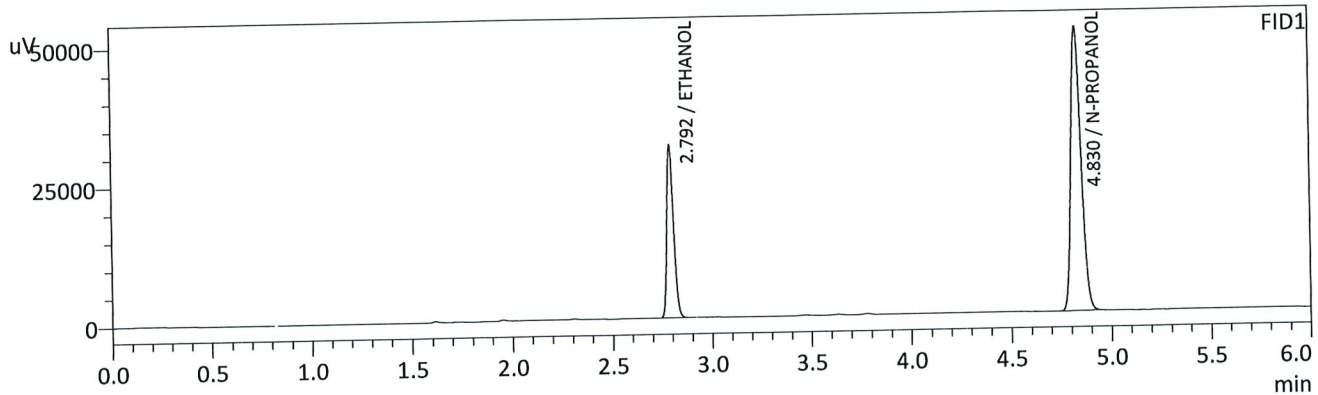


Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2168	g/100cc	71665	30275
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177362	50148
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2157	g/100cc	72925	36614
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184564	69291
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

B

Sample Name : QC-2-1-B
 Vial # : 32
 Data Filename : QC-2-1-B_12202021_032.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 2:45:04 PM
 Date Processed : 12/21/2021 7:47:43 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2173	g/100cc	72914	30895
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179995	50912
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2160	g/100cc	74214	37312
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	187569	70701
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

15

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC 1-2

Analysis Date(s): 12/20/2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0789	0.0784	0.0005	0.0786	0.0009	0.0781
(g/100cc)	0.0778	0.0776	0.0002	0.0777		

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

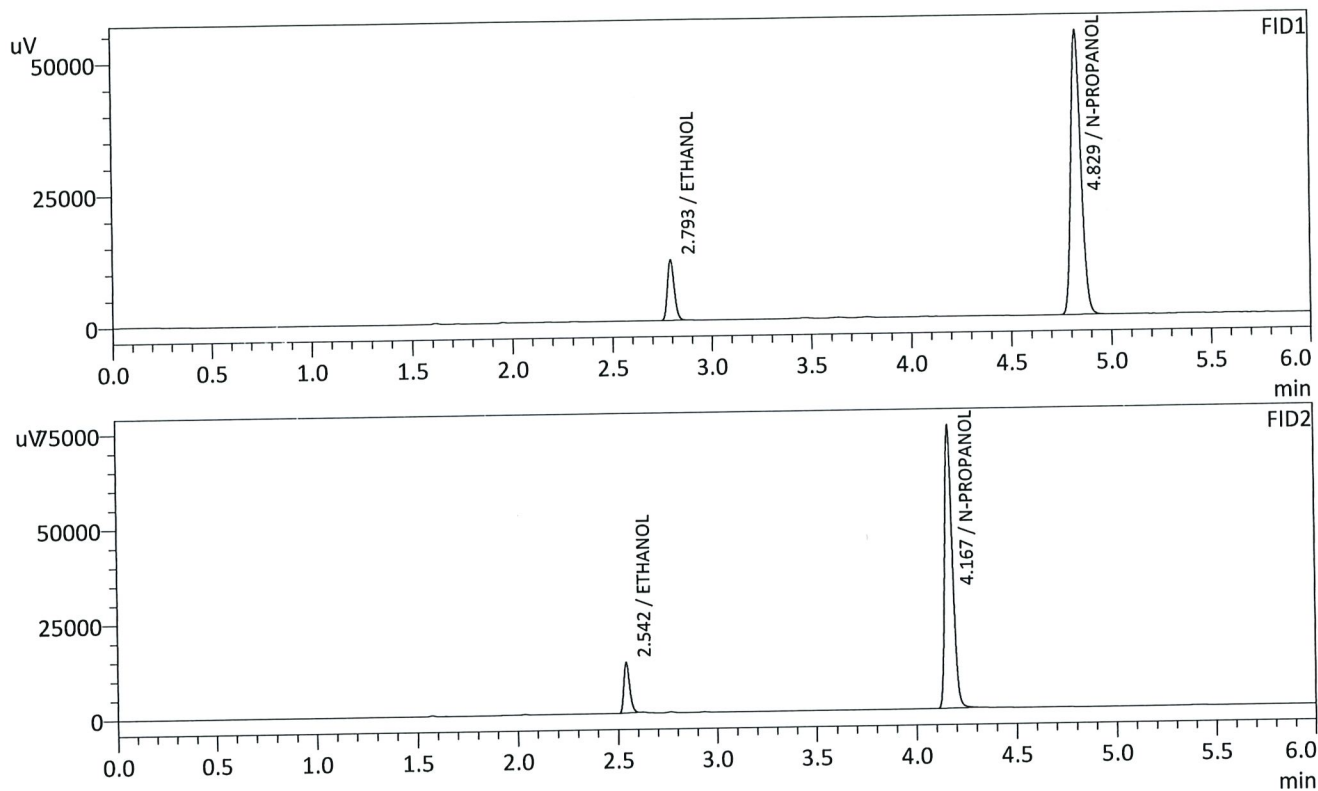
Reported Result

0.078

Calibration and control data are stored centrally.

B

Sample Name : QC1-2-A
 Vial # : 53
 Data Filename : QC1-2-A_12202021_053.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 5:51:14 PM
 Date Processed : 12/21/2021 7:48:09 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\ALCOHOL.gcm



FID1

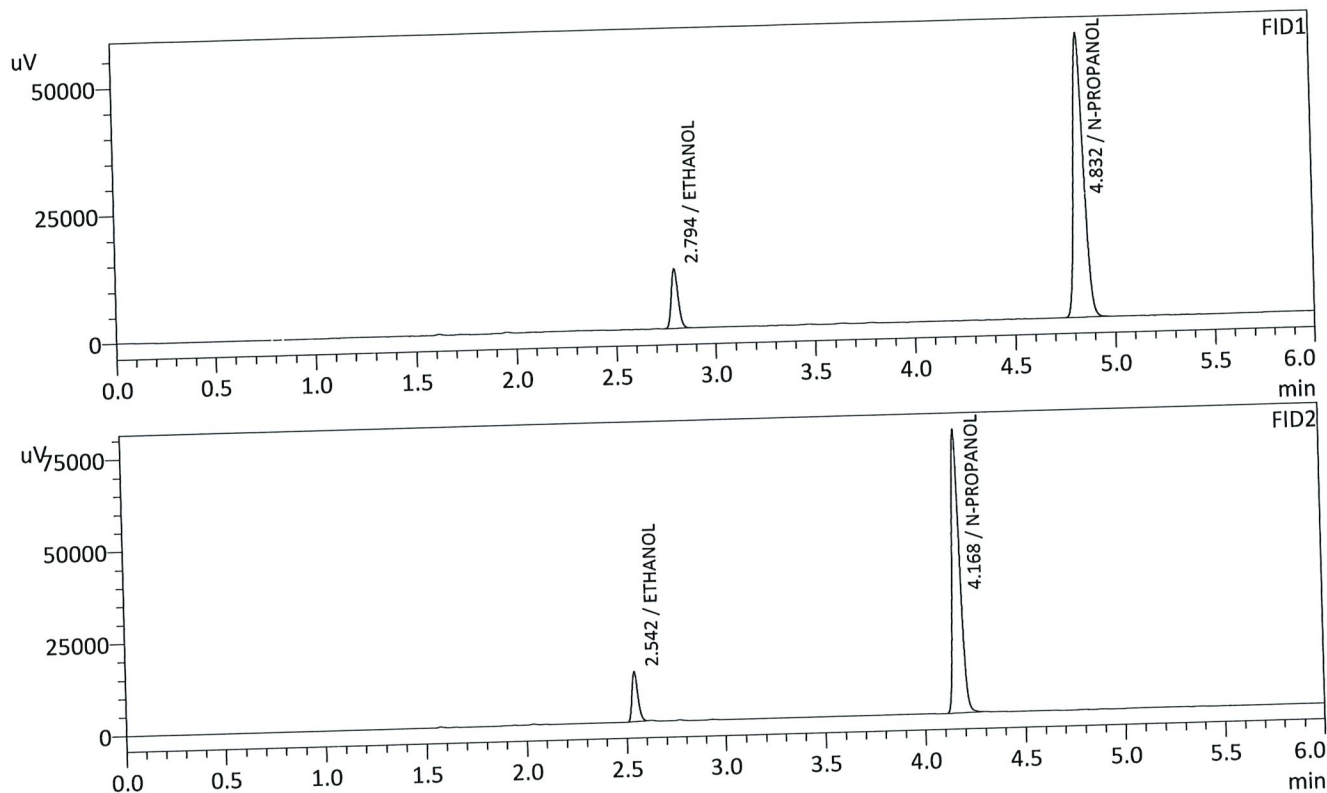
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0789	g/100cc	27159	11414
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	188810	53715
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0784	g/100cc	26602	13236
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	197080	74276
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC1-2-B
 Vial # : 54
 Data Filename : QC1-2-B_12202021_054.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 6:00:15 PM
 Date Processed : 12/21/2021 7:48:10 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721_redo\ALCOHOL.gcm



FID1

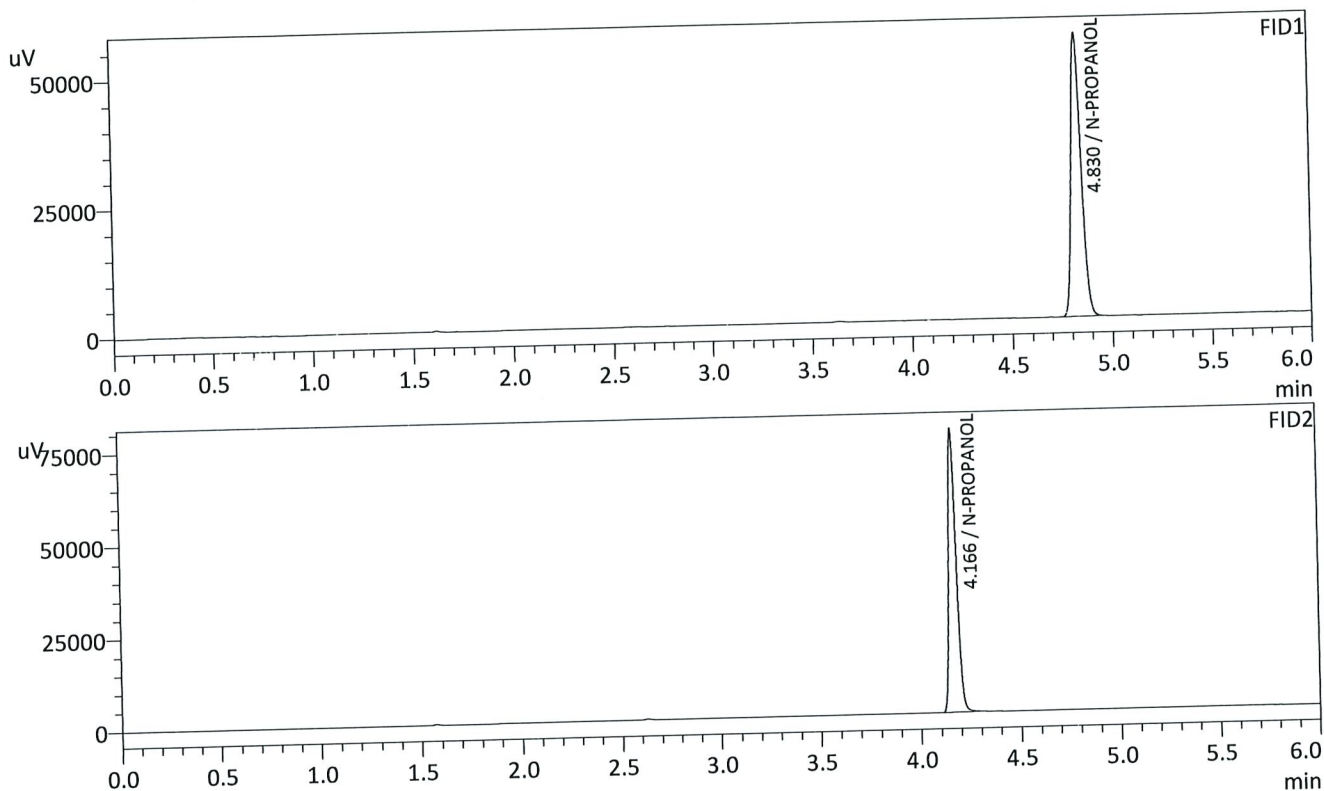
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0778	g/100cc	27685	11654
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195378	55557
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0776	g/100cc	27204	13521
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	203917	76535
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : INT STD BLK 3
 Vial # : 55
 Data Filename : INT STD BLK 3_12202021_055.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-20-21_ts_post.gcb
 Date Acquired : 12/20/2021 6:08:55 PM
 Date Processed : 12/21/2021 7:48:11 AM
 C:\LabSolutions\Data\2021\12-20-21_TS_120721 redo\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	193457	54874
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	201973	76412
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

Copyright (C) 2008-2019 Shimadzu Corporation. All rights reserved.

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	0.050	1:Standard:(I)	ALCOHOL.gcm	0.050_12202021_001.gcd	1
2	0.100	1:Standard:(R)	ALCOHOL.gcm	0.100_12202021_002.gcd	2
3	0.200	1:Standard:(R)	ALCOHOL.gcm	0.200_12202021_003.gcd	3
4	0.300	1:Standard:(R)	ALCOHOL.gcm	0.300_12202021_004.gcd	4
5	0.500	1:Standard:(R)	ALCOHOL.gcm	0.500_12202021_005.gcd	5
6	INT STD BLK 1	0:Unknown	ALCOHOL.gcm	INT STD BLK 1_12202021_006.gcd	0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL.gcm	MULTI-COMP MIX_12202021_007.gcd	1
8	INT STD BLK 2	0:Unknown	ALCOHOL.gcm	INT STD BLK 2_12202021_008.gcd	0
9	QC-1-1-A	0:Unknown	ALCOHOL.gcm	QC-1-1-A_12202021_009.gcd	0
10	QC-1-1-B	0:Unknown	ALCOHOL.gcm	QC-1-1-B_12202021_010.gcd	0
11	0.08 QA - A	0:Unknown	ALCOHOL.gcm	0.08 QA - A_12202021_011.gcd	0
12	0.08 QA - B	0:Unknown	ALCOHOL.gcm	0.08 QA - B_12202021_012.gcd	0
13	P2021-1145-1-A	0:Unknown	ALCOHOL.gcm	P2021-1145-1-A_12202021_013.gcd	0
14	P2021-1145-1-B	0:Unknown	ALCOHOL.gcm	P2021-1145-1-B_12202021_014.gcd	0
15	P2021-3774-2-A	0:Unknown	ALCOHOL.gcm	P2021-3774-2-A_12202021_015.gcd	0
16	P2021-3774-2-B	0:Unknown	ALCOHOL.gcm	P2021-3774-2-B_12202021_016.gcd	0
17	P2021-3865-1-A	0:Unknown	ALCOHOL.gcm	P2021-3865-1-A_12202021_017.gcd	0
18	P2021-3865-1-B	0:Unknown	ALCOHOL.gcm	P2021-3865-1-B_12202021_018.gcd	0
19	P2021-3866-1-A	0:Unknown	ALCOHOL.gcm	P2021-3866-1-A_12202021_019.gcd	0
20	P2021-3866-1-B	0:Unknown	ALCOHOL.gcm	P2021-3866-1-B_12202021_020.gcd	0
21	P2021-3870-1-A	0:Unknown	ALCOHOL.gcm	P2021-3870-1-A_12202021_021.gcd	0
22	P2021-3870-1-B	0:Unknown	ALCOHOL.gcm	P2021-3870-1-B_12202021_022.gcd	0
23	P2021-3871-1-A	0:Unknown	ALCOHOL.gcm	P2021-3871-1-A_12202021_023.gcd	0
24	P2021-3871-1-B	0:Unknown	ALCOHOL.gcm	P2021-3871-1-B_12202021_024.gcd	0
25	P2021-3893-1-A	0:Unknown	ALCOHOL.gcm	P2021-3893-1-A_12202021_025.gcd	0
26	P2021-3893-1-B	0:Unknown	ALCOHOL.gcm	P2021-3893-1-B_12202021_026.gcd	0
27	P2021-3899-1-A	0:Unknown	ALCOHOL.gcm	P2021-3899-1-A_12202021_027.gcd	0
28	P2021-3899-1-B	0:Unknown	ALCOHOL.gcm	P2021-3899-1-B_12202021_028.gcd	0
29	P2021-3901-1-A	0:Unknown	ALCOHOL.gcm	P2021-3901-1-A_12202021_029.gcd	0
30	P2021-3901-1-B	0:Unknown	ALCOHOL.gcm	P2021-3901-1-B_12202021_030.gcd	0
31	QC-2-1-A	0:Unknown	ALCOHOL.gcm	QC-2-1-A_12202021_031.gcd	0
32	QC-2-1-B	0:Unknown	ALCOHOL.gcm	QC-2-1-B_12202021_032.gcd	0
33	P2021-3902-1-A	0:Unknown	ALCOHOL.gcm	P2021-3902-1-A_12202021_033.gcd	0
34	P2021-3902-1-B	0:Unknown	ALCOHOL.gcm	P2021-3902-1-B_12202021_034.gcd	0
35	P2021-3909-1-A	0:Unknown	ALCOHOL.gcm	P2021-3909-1-A_12202021_035.gcd	0
36	P2021-3909-1-B	0:Unknown	ALCOHOL.gcm	P2021-3909-1-B_12202021_036.gcd	0
37	P2021-3917-1-A	0:Unknown	ALCOHOL.gcm	P2021-3917-1-A_12202021_037.gcd	0
38	P2021-3917-1-B	0:Unknown	ALCOHOL.gcm	P2021-3917-1-B_12202021_038.gcd	0
39	P2021-3935-1-A	0:Unknown	ALCOHOL.gcm	P2021-3935-1-A_12202021_039.gcd	0
40	P2021-3935-1-B	0:Unknown	ALCOHOL.gcm	P2021-3935-1-B_12202021_040.gcd	0
41	P2021-3945-1-A	0:Unknown	ALCOHOL.gcm	P2021-3945-1-A_12202021_041.gcd	0
42	P2021-3945-1-B	0:Unknown	ALCOHOL.gcm	P2021-3945-1-B_12202021_042.gcd	0
43	P2021-3951-1-A	0:Unknown	ALCOHOL.gcm	P2021-3951-1-A_12202021_043.gcd	0
44	P2021-3951-1-B	0:Unknown	ALCOHOL.gcm	P2021-3951-1-B_12202021_044.gcd	0
45	P2021-3967-1-A	0:Unknown	ALCOHOL.gcm	P2021-3967-1-A_12202021_045.gcd	0
46	P2021-3967-1-B	0:Unknown	ALCOHOL.gcm	P2021-3967-1-B_12202021_046.gcd	0
47	P2021-3977-1-A	0:Unknown	ALCOHOL.gcm	P2021-3977-1-A_12202021_047.gcd	0
48	P2021-3977-1-B	0:Unknown	ALCOHOL.gcm	P2021-3977-1-B_12202021_048.gcd	0
49	P2021-3979-1-A	0:Unknown	ALCOHOL.gcm	P2021-3979-1-A_12202021_049.gcd	0
50	P2021-3979-1-B	0:Unknown	ALCOHOL.gcm	P2021-3979-1-B_12202021_050.gcd	0
51	P2021-3980-1-A	0:Unknown	ALCOHOL.gcm	P2021-3980-1-A_12202021_051.gcd	0
52	P2021-3980-1-B	0:Unknown	ALCOHOL.gcm	P2021-3980-1-B_12202021_052.gcd	0

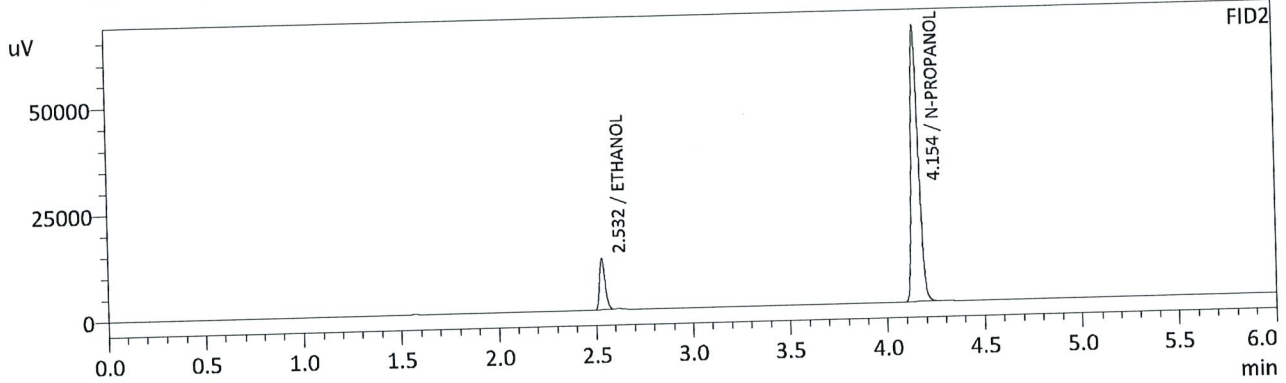
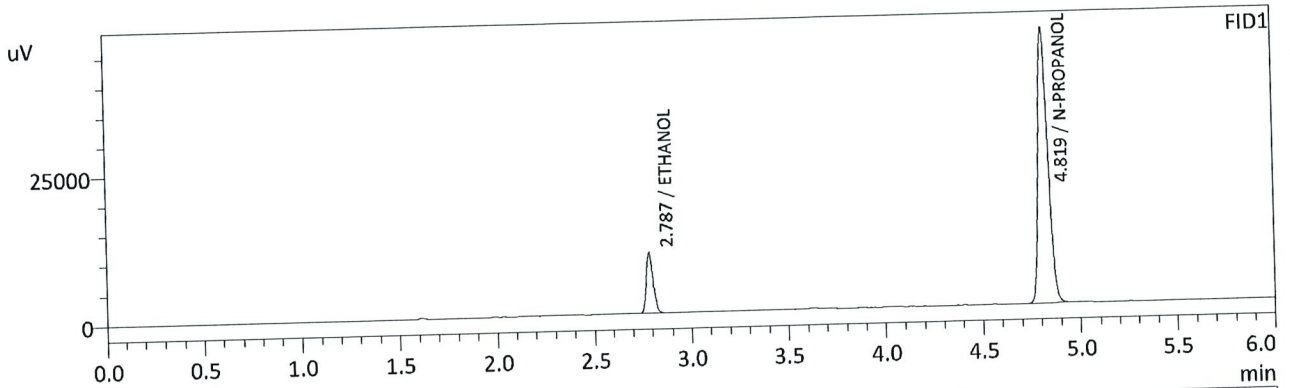
B

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
53	QC1-2-A	0:Unknown	ALCOHOL.gcm	QC1-2-A_12202021_053.gcd	0
54	QC1-2-B	0:Unknown	ALCOHOL.gcm	QC1-2-B_12202021_054.gcd	0
55	INT STD BLK 3	0:Unknown	ALCOHOL.gcm	INT STD BLK 3_12202021_055.gcd	0

TS

Sample Name : 0.08 QA - A
 Vial # : 11
 Data Filename : 0.08 QA - A_1272021_011.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 1:03:53 PM
 Date Processed : 12/7/2021 1:09:54 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm

Original run data.
 Not ~~used~~ used for evaluation
 12-21-21 TS
 due to QC 2-1 not meeting
 required parameters.
 12-21-21 TS



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0812	g/100cc	24233	10196
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	163329	46480
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

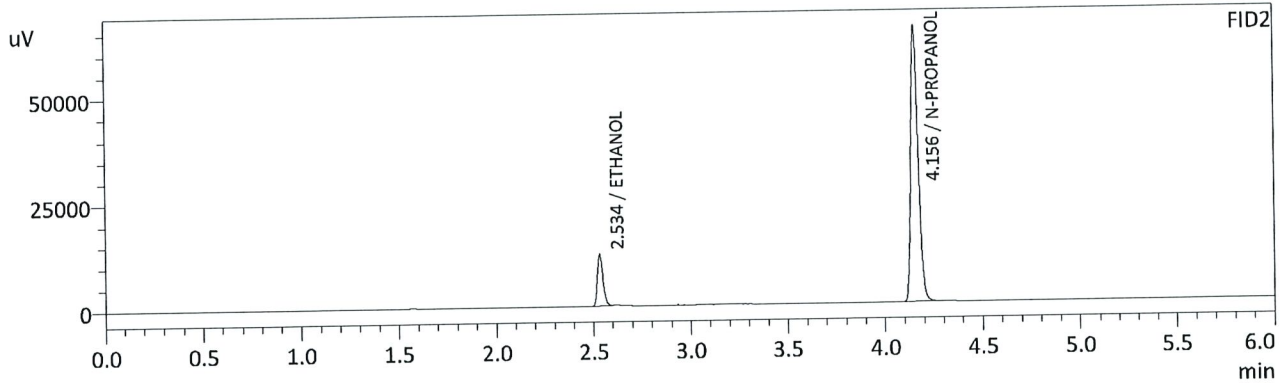
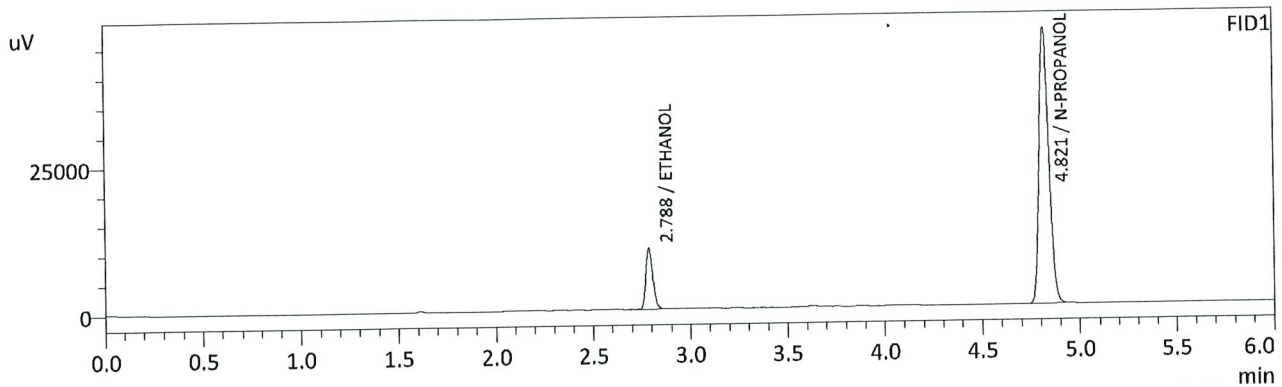
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0819	g/100cc	24051	12044
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171307	64297
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : 0.08 QA - B
 Vial # : 12
 Data Filename : 0.08 QA - B_1272021_012.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 1:12:55 PM
 Date Processed : 12/7/2021 1:18:57 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm

Original run data.
 Not used for evaluation
 due to GC 2-1 not meeting
 required parameters.
 12-21-21 TS



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0816	g/100cc	24585	10372
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164811	46602
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

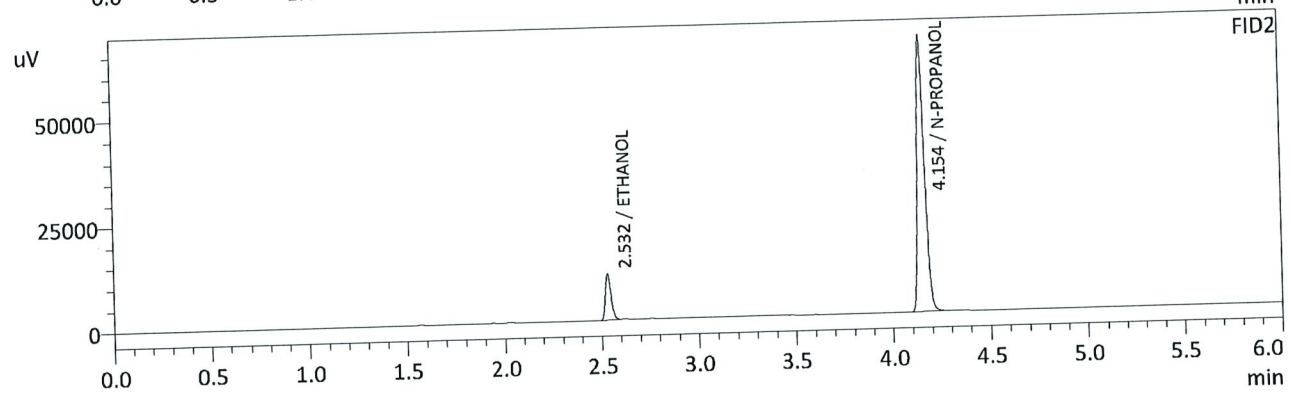
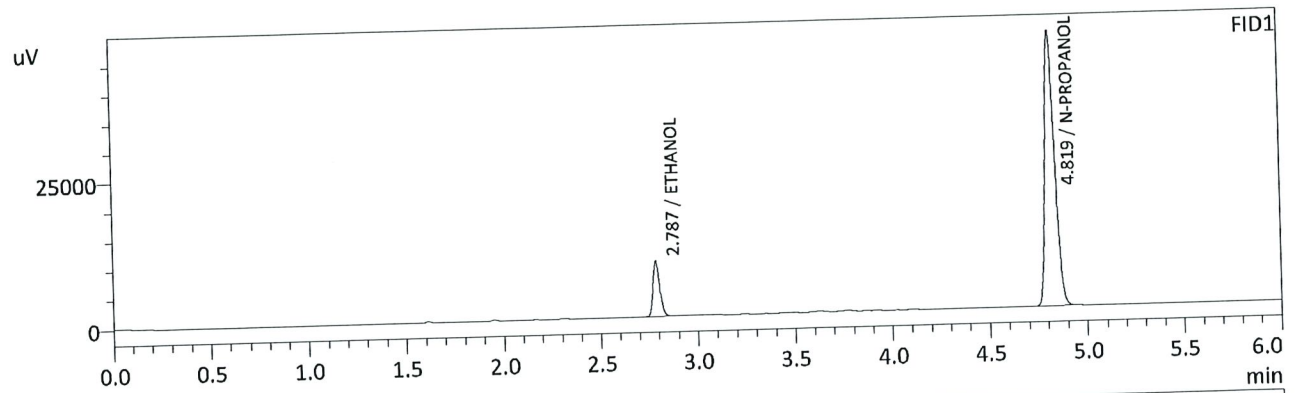
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0821	g/100cc	24273	12019
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	172467	65036
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



Original run data.
 Not used for evaluation due to
 GC 2-1 not meeting required
 Parameters.
 12-21-21 TO

Sample Name : QC-1-1-A
 Vial # : 9
 Data Filename : QC-1-1-A_1272021_009.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 12:46:20 PM
 Date Processed : 12/7/2021 12:52:22 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0737	g/100cc	22238	9355
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165686	47157
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

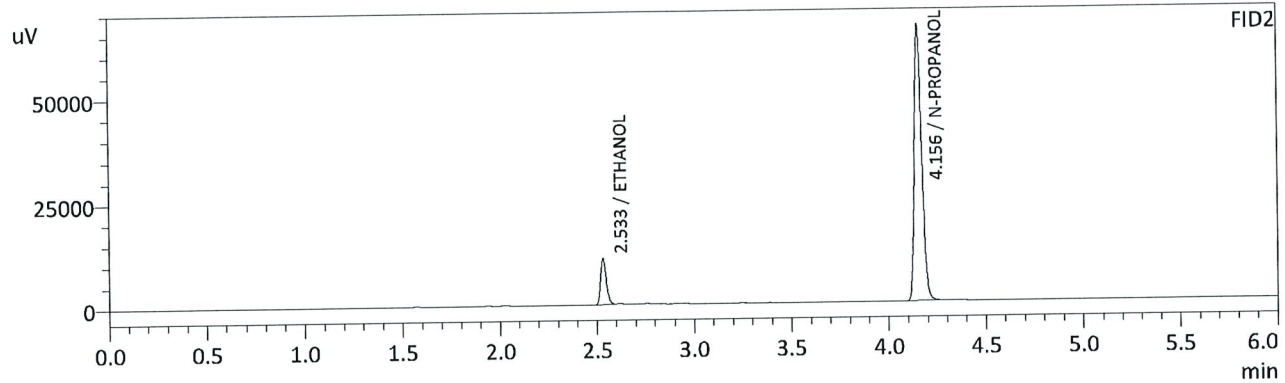
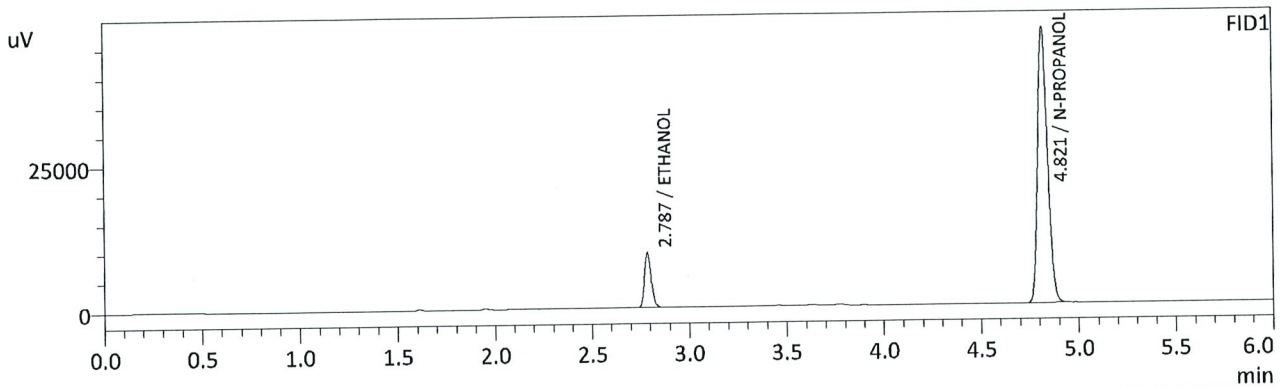
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0746	g/100cc	21983	11013
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	173700	65215
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC-1-1-B
 Vial # : 10
 Data Filename : QC-1-1-B_1272021_010.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 12:55:01 PM
 Date Processed : 12/7/2021 1:01:02 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm

Original run data.
 Not used for evaluation due to
 QC 2-1 not meeting required parameters.
 12-26-21 TS



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0738	g/100cc	22361	9430
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166269	47089
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

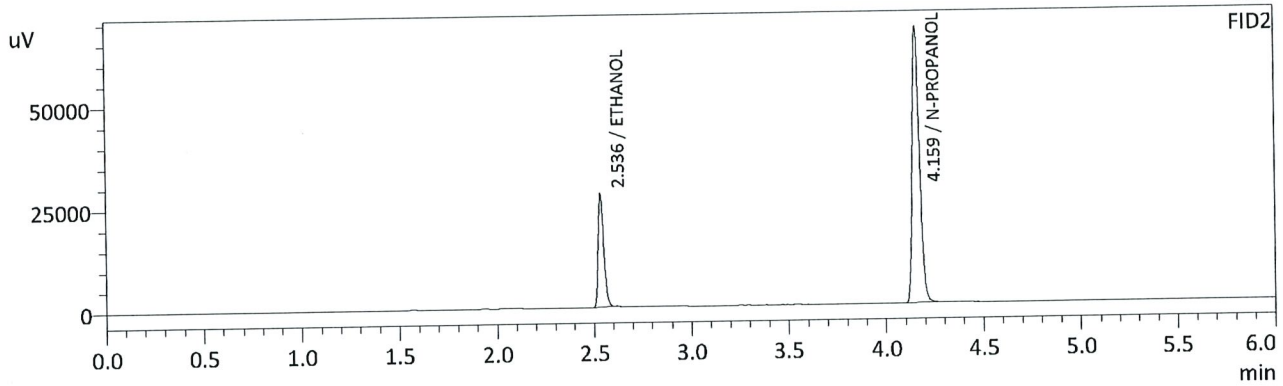
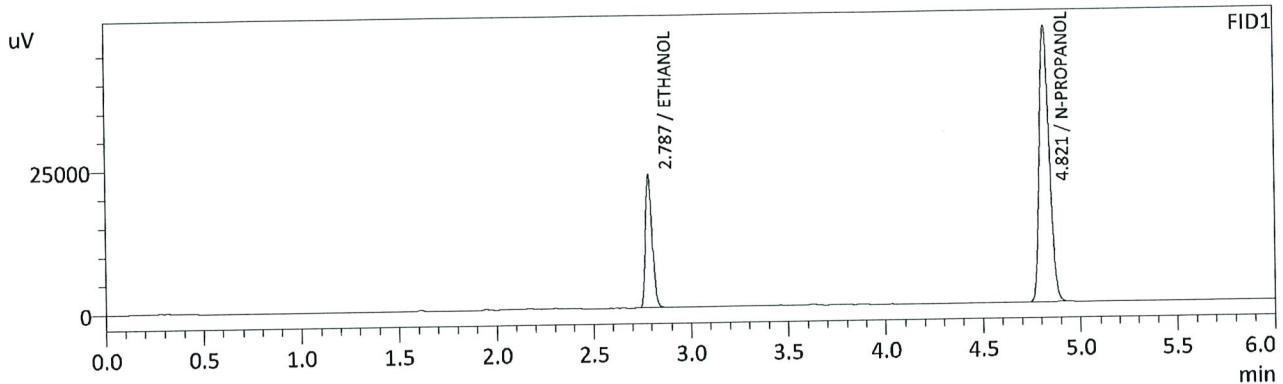
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0748	g/100cc	22085	11026
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174164	66020
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--



Sample Name : QC-2-1-A
 Vial # : 31
 Data Filename : QC-2-1-A_1272021_031.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 4:01:01 PM
 Date Processed : 12/7/2021 4:07:03 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm

Original run data.
 Calculated concentration lower
 than acceptable parameters.
 Samples before and after QC
 were re-run on 12.20.21.
 12.21.21 TS



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1724	g/100cc	54515	23040
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	170208	47960
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

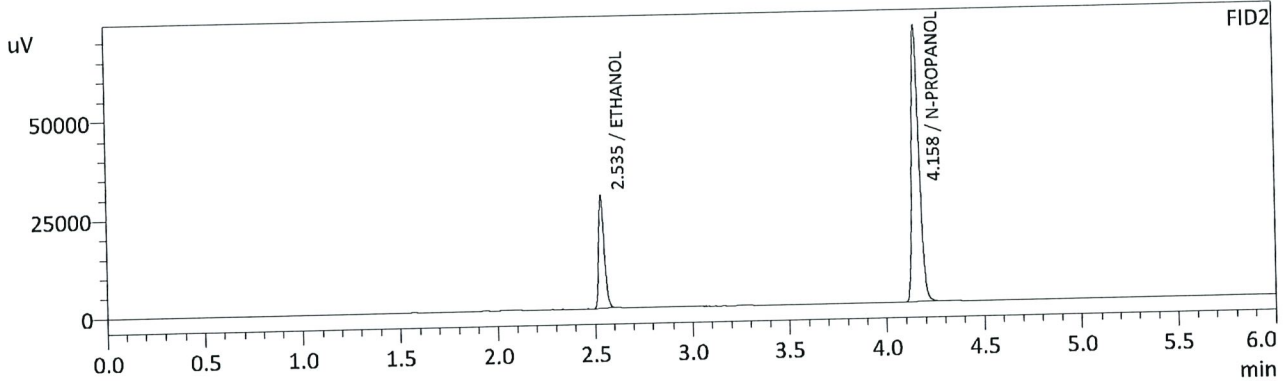
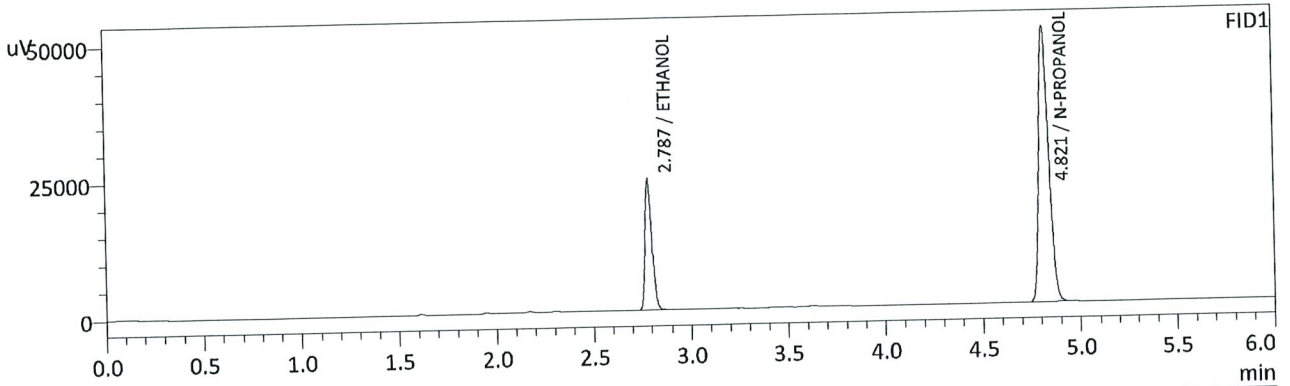
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1711	g/100cc	55069	27694
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177440	66838
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC-2-1-B
 Vial # : 32
 Data Filename : QC-2-1-B_1272021_032.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 4:09:54 PM
 Date Processed : 12/7/2021 4:15:56 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm

Original run data.
 Calculated concentration lower
 than acceptable parameters.
 Samples before and after QC
 were re-run on 12-20-21.
 12-21-21 TS



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1709	g/100cc	56582	23853
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178324	50387
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

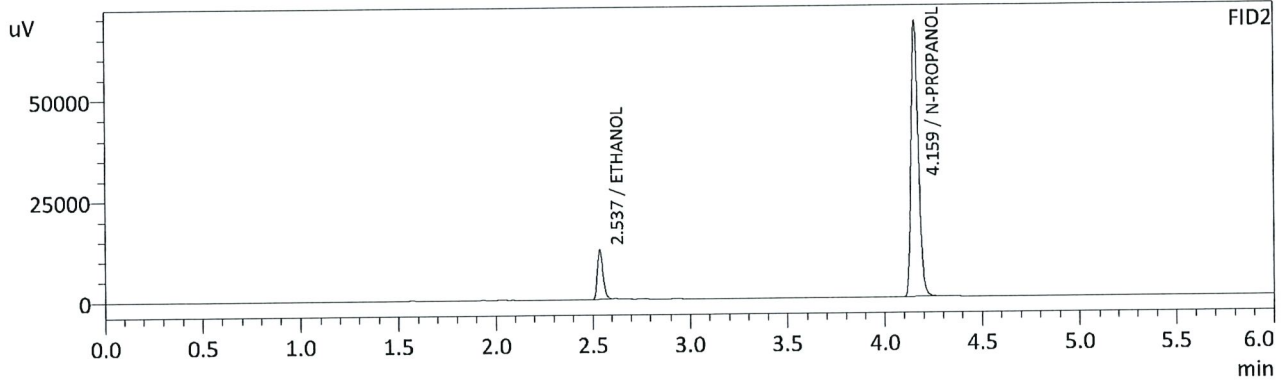
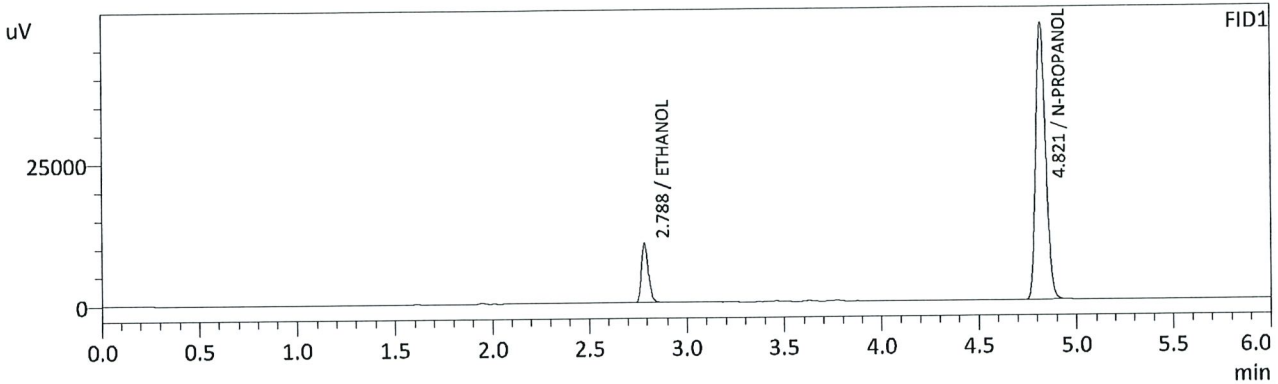
FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1697	g/100cc	57308	28498
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	186254	69706
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Sample Name : QC1-2-A
 Vial # : 53
 Data Filename : QC1-2-A_1272021_053.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 7:15:58 PM
 Date Processed : 12/7/2021 7:21:59 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm

Original run data.
 Not used for evaluation due to
 GC21 not meeting required
 Parameters.
 12.21.21 TS



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0789	g/100cc	24704	10440
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171428	48673
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

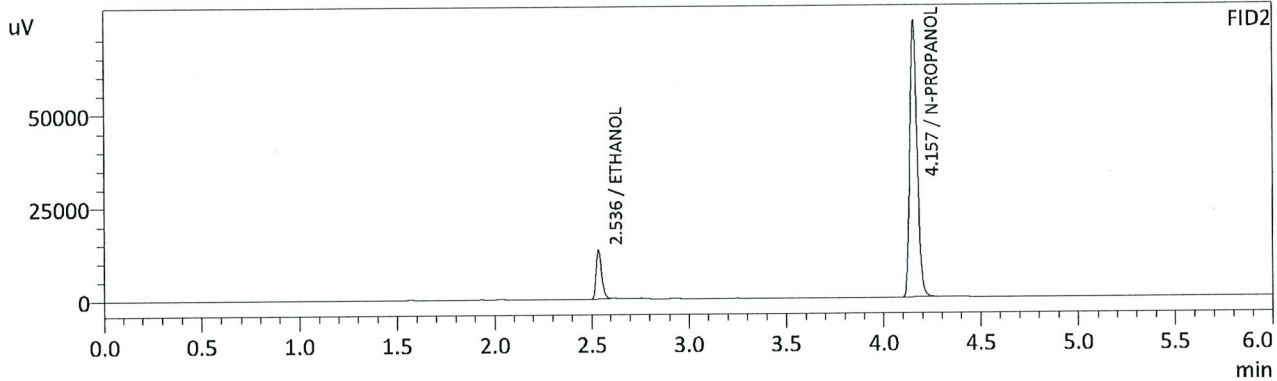
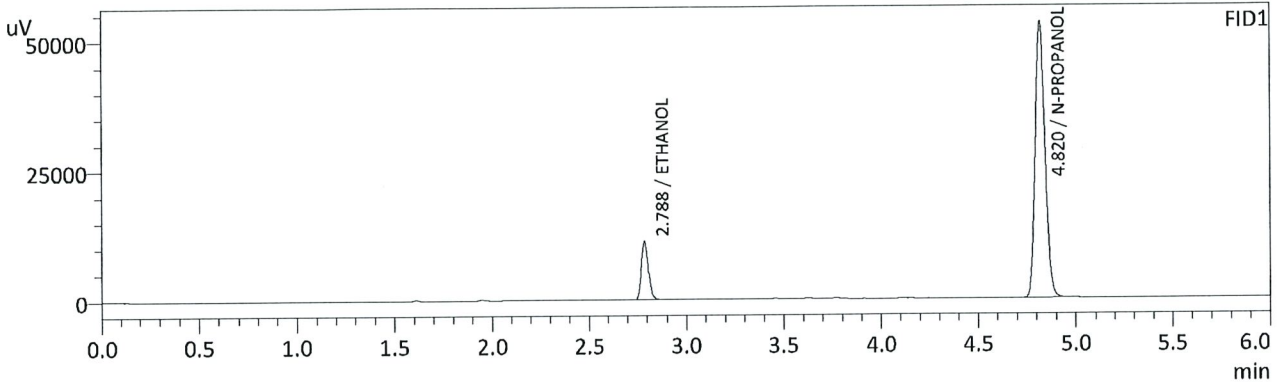
Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0792	g/100cc	24299	12189
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179642	67724
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Original run data.
 Not used for evaluation due
 to GC 2-1 not meeting required
 parameters.

12-21-21 TO

Sample Name : QC1-2-B
 Vial # : 54
 Data Filename : QC1-2-B_1272021_054.gcd
 Method Filename : ALCOHOL.gcm
 Batch Filename : 12-07-21_ts.gcb
 Date Acquired : 12/7/2021 7:24:58 PM
 Date Processed : 12/7/2021 7:30:59 PM
 C:\LabSolutions\Data\2021\12-07-21_TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0782	g/100cc	26664	11227
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	186718	53102
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0787	g/100cc	26220	13085
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	195316	73990
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C1225850662

Shimadzu HS-20 Serial Number: C12595700014

LabSolutions Version 5.98

Copyright (C) 2008-2019 Shimadzu Corporation. All rights reserved.

Original Batch table from 12.7.21.

12.21-21 TS

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	0.050	1:Standard:(I)	ALCOHOL.gcm	0.050_1272021_001.gcd	1
2	0.100	1:Standard:(R)	ALCOHOL.gcm	0.100_1272021_002.gcd	2
3	0.200	1:Standard:(R)	ALCOHOL.gcm	0.200_1272021_003.gcd	3
4	0.300	1:Standard:(R)	ALCOHOL.gcm	0.300_1272021_004.gcd	4
5	0.500	1:Standard:(R)	ALCOHOL.gcm	0.500_1272021_005.gcd	5
6	INT STD BLK 1	0:Unknown	ALCOHOL.gcm	INT STD BLK 1_1272021_006.gcd	0
7	MULTI-COMP MIX	0:Unknown	ALCOHOL.gcm	MULTI-COMP MIX_1272021_007.gcd	1
8	INT STD BLK 2	0:Unknown	ALCOHOL.gcm	INT STD BLK 2_1272021_008.gcd	0
9	QC-1-1-A	0:Unknown	ALCOHOL.gcm	QC-1-1-A_1272021_009.gcd	0
10	QC-1-1-B	0:Unknown	ALCOHOL.gcm	QC-1-1-B_1272021_010.gcd	0
11	0.08 QA - A	0:Unknown	ALCOHOL.gcm	0.08 QA - A_1272021_011.gcd	0
12	0.08 QA - B	0:Unknown	ALCOHOL.gcm	0.08 QA - B_1272021_012.gcd	0
13	P2021-1145-1-A	0:Unknown	ALCOHOL.gcm	P2021-1145-1-A_1272021_013.gcd	0
14	P2021-1145-1-B	0:Unknown	ALCOHOL.gcm	P2021-1145-1-B_1272021_014.gcd	0
15	P2021-3774-2-A	0:Unknown	ALCOHOL.gcm	P2021-3774-2-A_1272021_015.gcd	0
16	P2021-3774-2-B	0:Unknown	ALCOHOL.gcm	P2021-3774-2-B_1272021_016.gcd	0
17	P2021-3865-1-A	0:Unknown	ALCOHOL.gcm	P2021-3865-1-A_1272021_017.gcd	0
18	P2021-3865-1-B	0:Unknown	ALCOHOL.gcm	P2021-3865-1-B_1272021_018.gcd	0
19	P2021-3866-1-A	0:Unknown	ALCOHOL.gcm	P2021-3866-1-A_1272021_019.gcd	0
20	P2021-3866-1-B	0:Unknown	ALCOHOL.gcm	P2021-3866-1-B_1272021_020.gcd	0
21	P2021-3870-1-A	0:Unknown	ALCOHOL.gcm	P2021-3870-1-A_1272021_021.gcd	0
22	P2021-3870-1-B	0:Unknown	ALCOHOL.gcm	P2021-3870-1-B_1272021_022.gcd	0
23	P2021-3871-1-A	0:Unknown	ALCOHOL.gcm	P2021-3871-1-A_1272021_023.gcd	0
24	P2021-3871-1-B	0:Unknown	ALCOHOL.gcm	P2021-3871-1-B_1272021_024.gcd	0
25	P2021-3893-1-A	0:Unknown	ALCOHOL.gcm	P2021-3893-1-A_1272021_025.gcd	0
26	P2021-3893-1-B	0:Unknown	ALCOHOL.gcm	P2021-3893-1-B_1272021_026.gcd	0
27	P2021-3899-1-A	0:Unknown	ALCOHOL.gcm	P2021-3899-1-A_1272021_027.gcd	0
28	P2021-3899-1-B	0:Unknown	ALCOHOL.gcm	P2021-3899-1-B_1272021_028.gcd	0
29	P2021-3901-1-A	0:Unknown	ALCOHOL.gcm	P2021-3901-1-A_1272021_029.gcd	0
30	P2021-3901-1-B	0:Unknown	ALCOHOL.gcm	P2021-3901-1-B_1272021_030.gcd	0
31	QC-2-1-A	0:Unknown	ALCOHOL.gcm	QC-2-1-A_1272021_031.gcd	0
32	QC-2-1-B	0:Unknown	ALCOHOL.gcm	QC-2-1-B_1272021_032.gcd	0
33	P2021-3902-1-A	0:Unknown	ALCOHOL.gcm	P2021-3902-1-A_1272021_033.gcd	0
34	P2021-3902-1-B	0:Unknown	ALCOHOL.gcm	P2021-3902-1-B_1272021_034.gcd	0
35	P2021-3909-1-A	0:Unknown	ALCOHOL.gcm	P2021-3909-1-A_1272021_035.gcd	0
36	P2021-3909-1-B	0:Unknown	ALCOHOL.gcm	P2021-3909-1-B_1272021_036.gcd	0
37	P2021-3917-1-A	0:Unknown	ALCOHOL.gcm	P2021-3917-1-A_1272021_037.gcd	0
38	P2021-3917-1-B	0:Unknown	ALCOHOL.gcm	P2021-3917-1-B_1272021_038.gcd	0
39	P2021-3935-1-A	0:Unknown	ALCOHOL.gcm	P2021-3935-1-A_1272021_039.gcd	0
40	P2021-3935-1-B	0:Unknown	ALCOHOL.gcm	P2021-3935-1-B_1272021_040.gcd	0
41	P2021-3945-1-A	0:Unknown	ALCOHOL.gcm	P2021-3945-1-A_1272021_041.gcd	0
42	P2021-3945-1-B	0:Unknown	ALCOHOL.gcm	P2021-3945-1-B_1272021_042.gcd	0
43	P2021-3951-1-A	0:Unknown	ALCOHOL.gcm	P2021-3951-1-A_1272021_043.gcd	0
44	P2021-3951-1-B	0:Unknown	ALCOHOL.gcm	P2021-3951-1-B_1272021_044.gcd	0
45	P2021-3967-1-A	0:Unknown	ALCOHOL.gcm	P2021-3967-1-A_1272021_045.gcd	0
46	P2021-3967-1-B	0:Unknown	ALCOHOL.gcm	P2021-3967-1-B_1272021_046.gcd	0
47	P2021-3977-1-A	0:Unknown	ALCOHOL.gcm	P2021-3977-1-A_1272021_047.gcd	0
48	P2021-3977-1-B	0:Unknown	ALCOHOL.gcm	P2021-3977-1-B_1272021_048.gcd	0
49	P2021-3979-1-A	0:Unknown	ALCOHOL.gcm	P2021-3979-1-A_1272021_049.gcd	0
50	P2021-3979-1-B	0:Unknown	ALCOHOL.gcm	P2021-3979-1-B_1272021_050.gcd	0
51	P2021-3980-1-A	0:Unknown	ALCOHOL.gcm	P2021-3980-1-A_1272021_051.gcd	0
52	P2021-3980-1-B	0:Unknown	ALCOHOL.gcm	P2021-3980-1-B_1272021_052.gcd	0

QC too low. <
Batch re-run on 12.20.21.
12.21.21 TS

TS

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
53	QC1-2-A	0:Unknown	ALCOHOL.gcm	QC1-2-A_1272021_053.gcd	0
54	QC1-2-B	0:Unknown	ALCOHOL.gcm	QC1-2-B_1272021_054.gcd	0
55	INT STD BLK 3	0:Unknown	ALCOHOL.gcm	INT STD BLK 3_1272021_055.gcd	0
56	DFE	0:Unknown	ALCOHOL.gcm	DFE_1272021_056.gcd	0
57	INT STD BLK 4	0:Unknown	ALCOHOL.gcm	INT STD BLK 4_1272021_057.gcd	0