

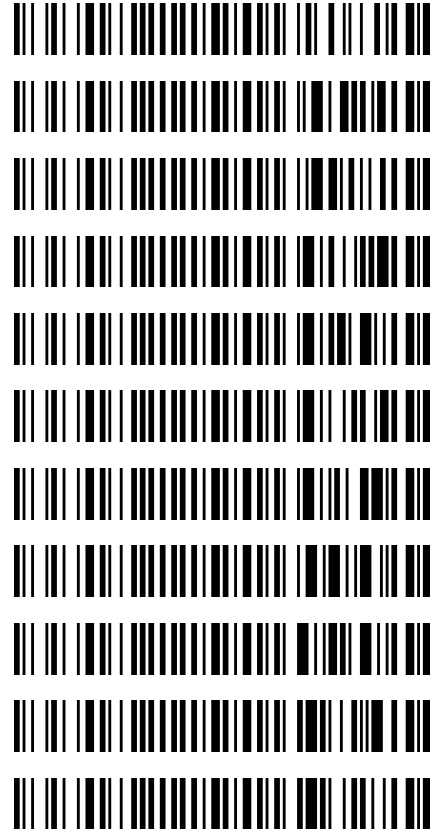
**REVIEWED**

*By Galina Giso at 12:22 pm, Dec 28, 2021*

12/22/2021

**Worklist: 5469**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2021-2601	1	BCK	Alcohol Analysis
C2021-2635	1	BCK	Alcohol Analysis
C2021-2641	1	BCK	Alcohol Analysis
C2021-2660	1	BCK	Alcohol Analysis
C2021-2662	1	BCK	Alcohol Analysis
C2021-2664	1	BCK	Alcohol Analysis
C2021-2664	2	BCK	Alcohol Analysis
C2021-2676	1	BCK	Alcohol Analysis
C2021-2690	1	BCK	Alcohol Analysis
C2021-2704	1	BCK	Alcohol Analysis
C2021-2710	1	BCK	Alcohol Analysis



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# Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C1225850700  
 Shimadzu HS-20 Serial #C12595700181  
 Lab Solutions Software Ver. 5.99  
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Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL (short).GCM
2	0.050	1:Standard:(R)	1	ALCOHOL (short).GCM
3	0.100	1:Standard:(R)	2	ALCOHOL (short).GCM
4	0.200	1:Standard:(R)	3	ALCOHOL (short).GCM
5	0.300	1:Standard:(R)	4	ALCOHOL (short).GCM
6	0.500	1:Standard:(R)	5	ALCOHOL (short).GCM
7	INT STD BLK 2	0:Unknown	0	ALCOHOL (short).GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL (short).GCM
9	INT STD BLK 3	0:Unknown	0	ALCOHOL (short).GCM
10	QC2-1-A	0:Unknown	0	ALCOHOL (short).GCM
11	QC2-1-B	0:Unknown	0	ALCOHOL (short).GCM
12	0.08 QA - A	0:Unknown	0	ALCOHOL (short).GCM
13	0.08 QA - B	0:Unknown	0	ALCOHOL (short).GCM
14	C2021-2489-1-A	0:Unknown	0	ALCOHOL (short).GCM
15	C2021-2489-1-B	0:Unknown	0	ALCOHOL (short).GCM
16	C2021-2601-1-A	0:Unknown	0	ALCOHOL (short).GCM
17	C2021-2601-1-B	0:Unknown	0	ALCOHOL (short).GCM
18	C2021-2635-1-A	0:Unknown	0	ALCOHOL (short).GCM
19	C2021-2635-1-B	0:Unknown	0	ALCOHOL (short).GCM
20	C2021-2641-1-A	0:Unknown	0	ALCOHOL (short).GCM
21	C2021-2641-1-B	0:Unknown	0	ALCOHOL (short).GCM
22	C2021-2660-1-A	0:Unknown	0	ALCOHOL (short).GCM
23	C2021-2660-1-B	0:Unknown	0	ALCOHOL (short).GCM
24	C2021-2662-1-A	0:Unknown	0	ALCOHOL (short).GCM
25	C2021-2662-1-B	0:Unknown	0	ALCOHOL (short).GCM
26	C2021-2664-1-A	0:Unknown	0	ALCOHOL (short).GCM
27	C2021-2664-1-B	0:Unknown	0	ALCOHOL (short).GCM
28	C2021-2664-2-A	0:Unknown	0	ALCOHOL (short).GCM
29	C2021-2664-2-B	0:Unknown	0	ALCOHOL (short).GCM
30	C2021-2676-1-A	0:Unknown	0	ALCOHOL (short).GCM
31	C2021-2676-1-B	0:Unknown	0	ALCOHOL (short).GCM
32	QC2-2-A	0:Unknown	0	ALCOHOL (short).GCM
33	QC2-2-B	0:Unknown	0	ALCOHOL (short).GCM
34	C2021-2690-1-A	0:Unknown	0	ALCOHOL (short).GCM
35	C2021-2690-1-B	0:Unknown	0	ALCOHOL (short).GCM
36	C2021-2704-1-A	0:Unknown	0	ALCOHOL (short).GCM
37	C2021-2704-1-B	0:Unknown	0	ALCOHOL (short).GCM
38	C2021-2710-1-A	0:Unknown	0	ALCOHOL (short).GCM
39	C2021-2710-1-B	0:Unknown	0	ALCOHOL (short).GCM
40	QC1-1-A	0:Unknown	0	ALCOHOL (short).GCM
41	QC1-1-B	0:Unknown	0	ALCOHOL (short).GCM
42	INT STD BLK 4	0:Unknown	0	ALCOHOL (short).GCM

### Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

*Analytical Method(s): 1.0*

*Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600HC11379*

**Volatiles Quality Assurance Controls**

**Run Date(s):12-22-2021**

*worklist #5469*

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	<del>0.0762</del> g/100cc	
					0.0762 g/100cc	
					g/100cc	
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2020 g/100cc	
					0.2061 g/100cc	
					g/100cc	
<b>Multi-Component mixture:</b>		<b>Jul-22</b>	<b>Lot #</b>	FN07101701	OK	
<b>Curve Fit:</b>			<b>Column 1</b>	0.99976	<b>Column2</b>	0.99966

JP 12/28/21

#### Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0489	0.0473	0.0016	0.0481
100	0.100	0.090 - 0.110	0.0981	0.0963	0.0018	0.0972
200	0.200	0.180 - 0.220	0.1948	0.1939	0.0009	0.1943
300	0.300	0.270 - 0.330	0.2969	0.2955	0.0014	0.2962
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5043	0.5061	0.0018	0.5052

#### Aqueous Controls

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

Revision: 2

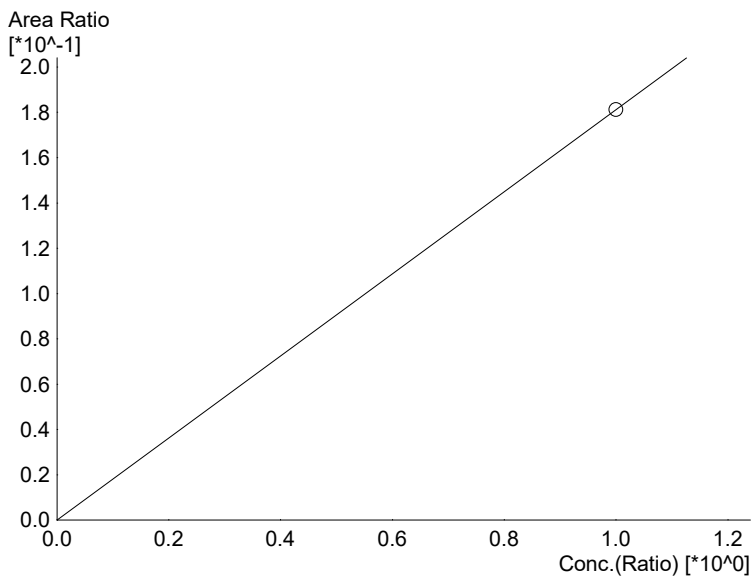
Issue Date: 12/23/2019

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# Calibration Table

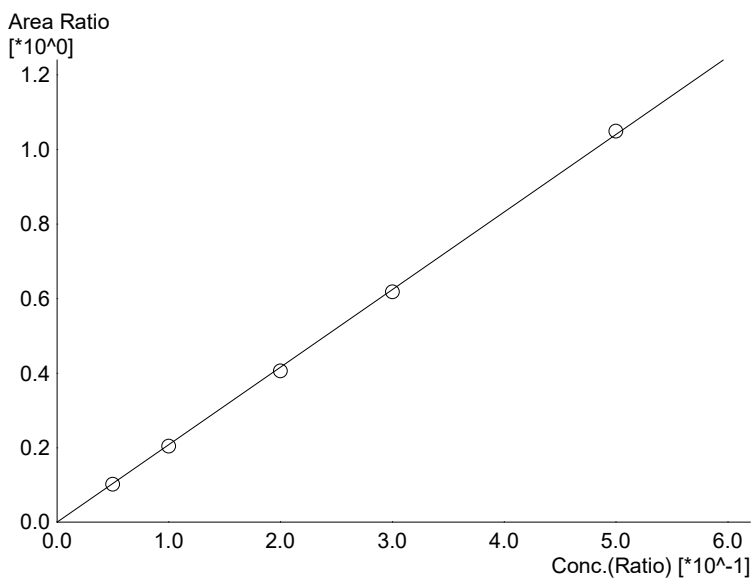
Laboratory : Coeur d' Alene  
 Instrument Name : Nexis GC2030  
 Instrument Serial # : C12255850700 / C12595700181

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 Method File :C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Batch File :C:\LabSolutions\Data\12-22-21\12-22-21.gcb  
 Date Acquired :12/22/2021 12:29:15 PM  
 Date Created :12/22/2021 12:26:20 PM  
 Date Modified :12/23/2021 9:30:59 AM



Name : Methanol  
 Detector Name: FID1  
 Function :  $f(x)=0.181142*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Through

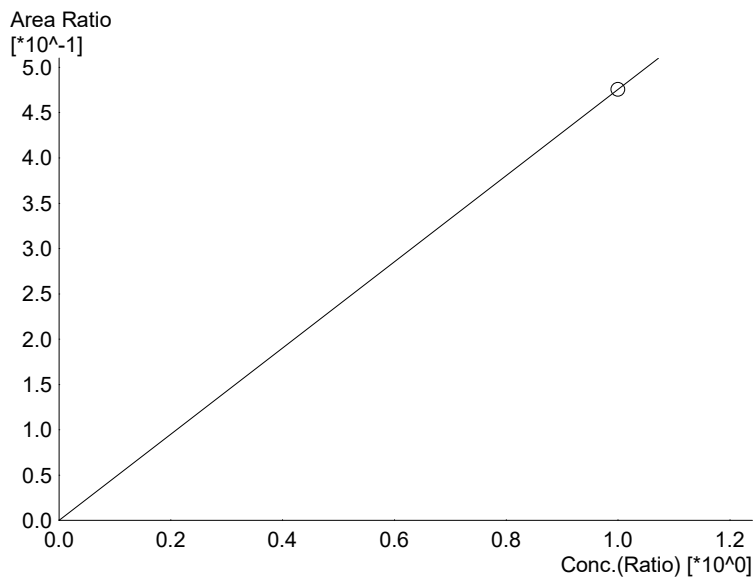
#	Conc.	Area	Std. Conc.
6	1.000	28728	1.0000



Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.08019*x+0$   
 R<sup>2</sup> value= 0.9997629  
 FitType: Linear  
 ZeroThrough: Through

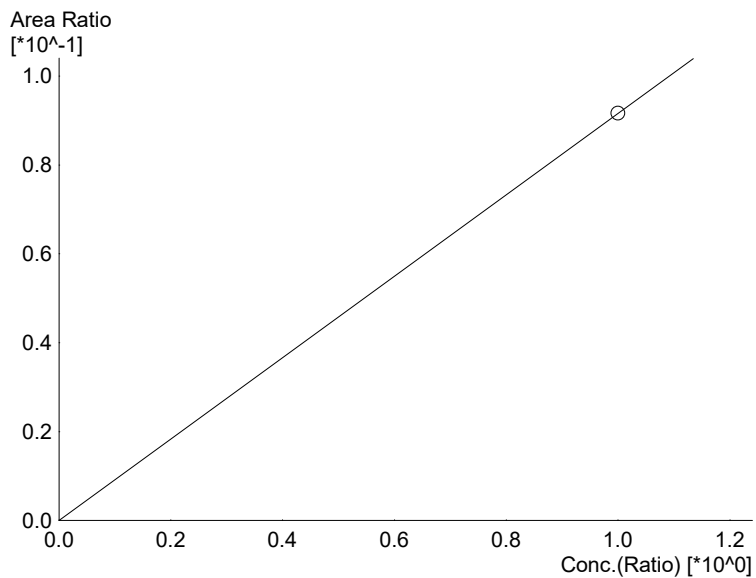
#	Conc.	Area	Std. Conc.
1	0.050	20240	0.0489
2	0.100	39723	0.0981
3	0.200	79334	0.1948
4	0.300	121166	0.2969
5	0.500	206504	0.5043

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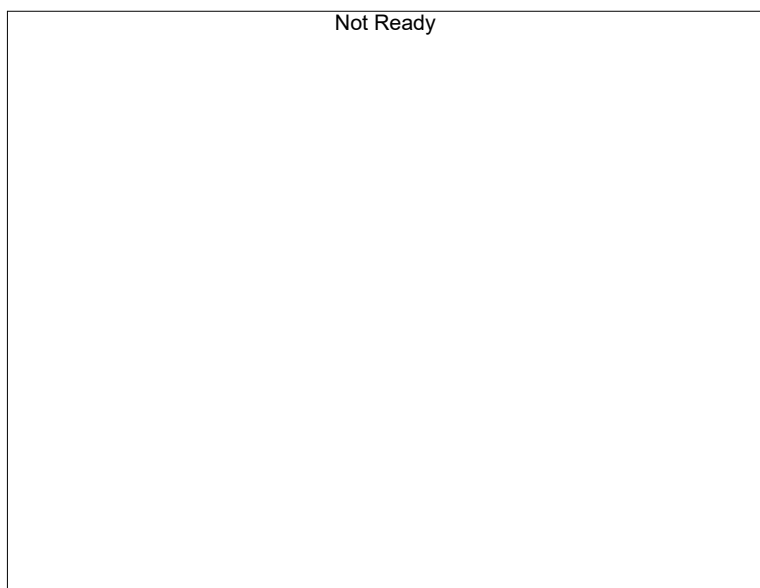
Name : Isopropyl Alcohol  
 Detector Name: FID1  
 Function :  $f(x)=0.475431*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	75400	1.0000



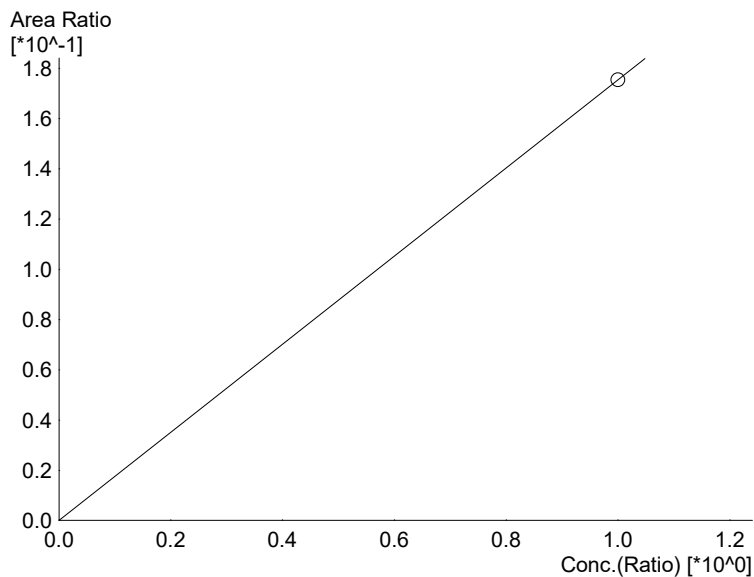
Name : Acetone  
 Detector Name: FID1  
 Function :  $f(x)=0.0916552*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	14536	1.0000



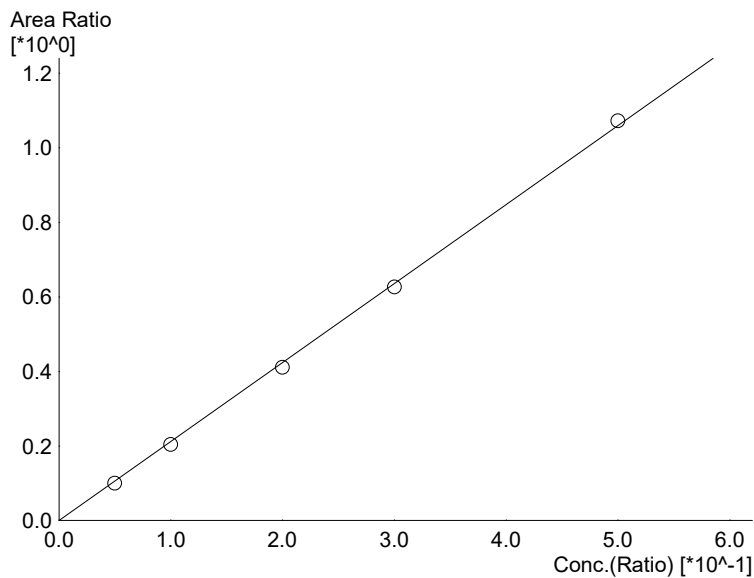
Name : Fluor. Hydrocarbon(s)  
 Detector Name: FID1  
 Function :  $f(x)=0*x+0$   
 R<sup>2</sup> value= 0  
 FitType: Linear  
 ZeroThrough: Through

#	Conc.	Area	Std. Conc.
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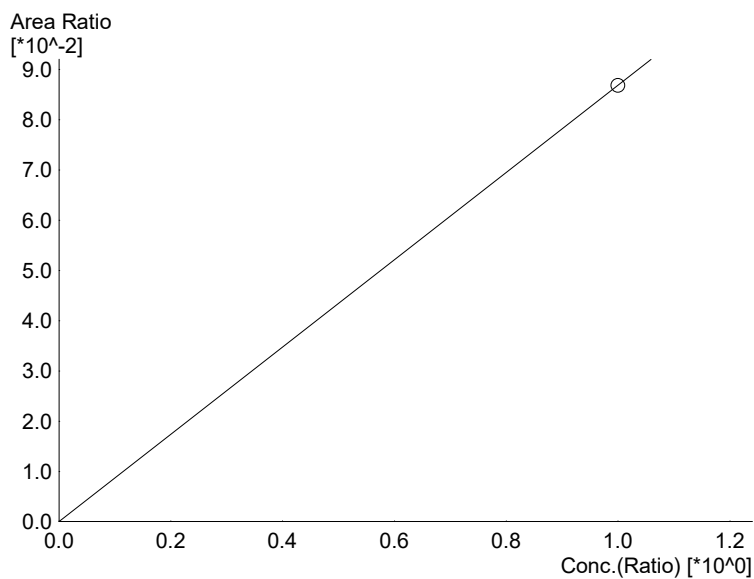
Name : Methanol  
 Detector Name: FID2  
 Function :  $f(x)=0.175453*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	29253	1.0000



Name : Ethanol  
 Detector Name: FID2  
 Function :  $f(x)=2.11845*x+0$   
 R<sup>2</sup> value= 0.9996683  
 FitType: Linear  
 ZeroThrough: Through

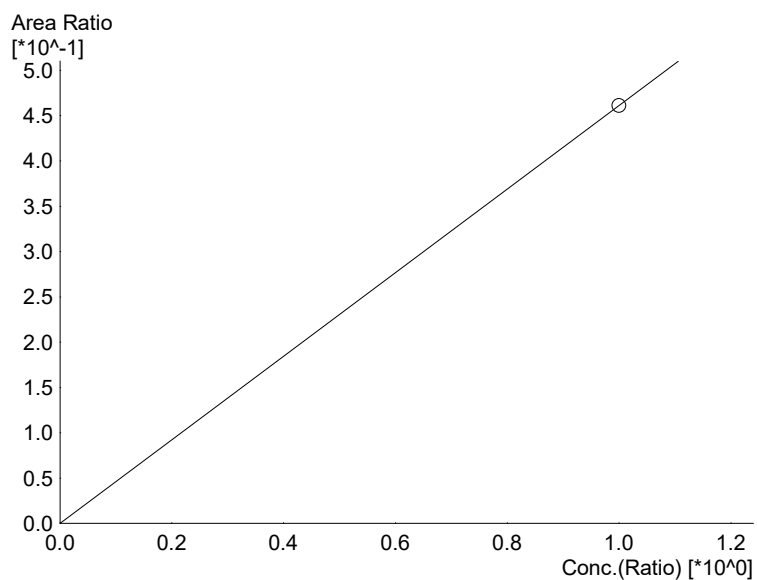
#	Conc.	Area	Std. Conc.
1	0.050	20645	0.0473
2	0.100	40965	0.0963
3	0.200	82419	0.1939
4	0.300	126019	0.2955
5	0.500	216812	0.5061



Name : Acetone  
 Detector Name: FID2  
 Function :  $f(x)=0.0868303*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	14477	1.0000

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Name : Isopropyl Alcohol  
Detector Name: FID2  
Function :  $f(x)=0.461024*x+0$   
R<sup>2</sup> value= 1.000000  
FitType: Linear  
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	76867	1.0000

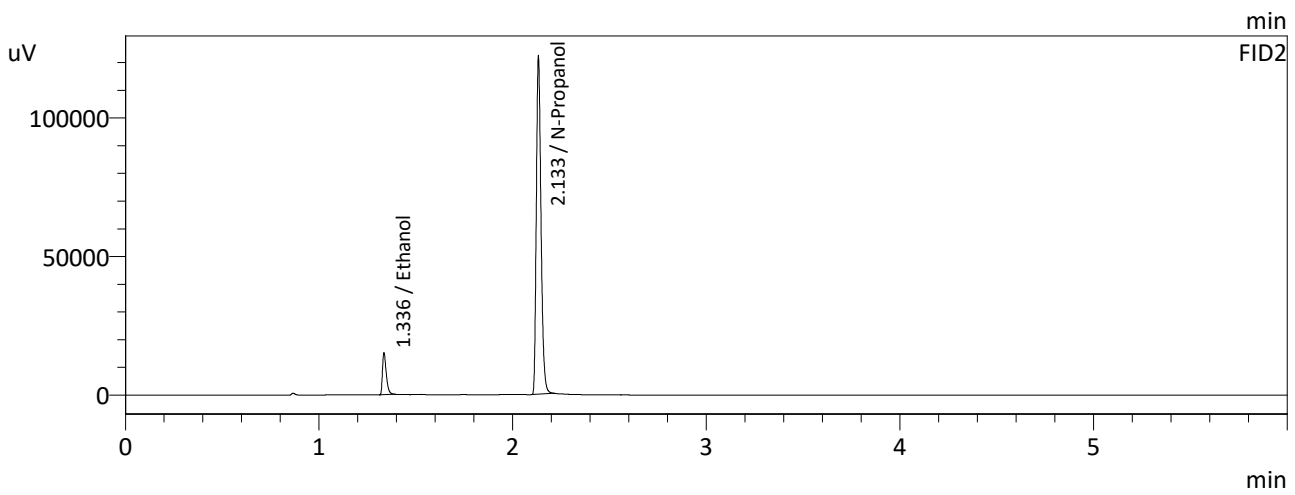
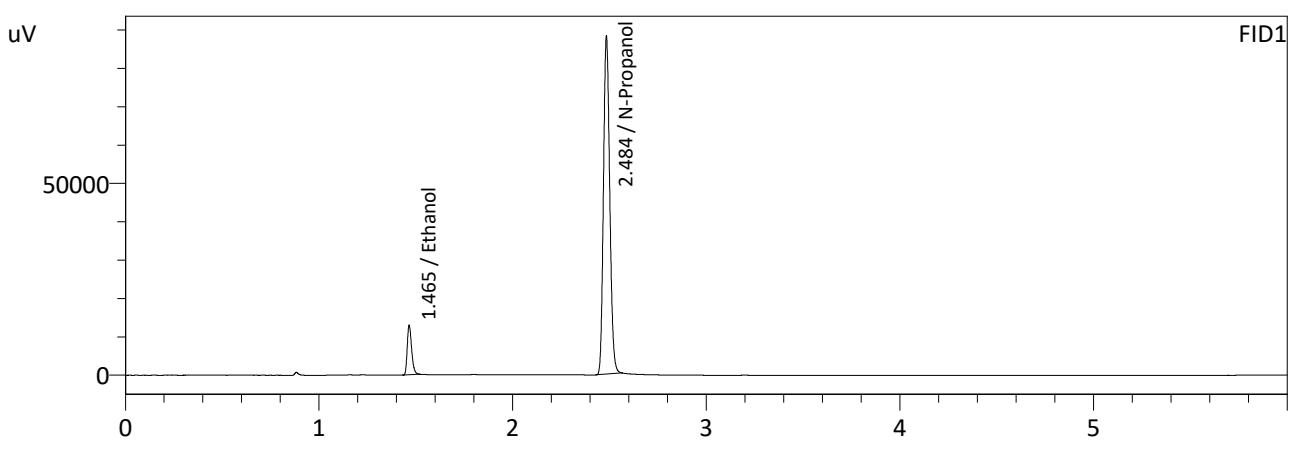


Name : Fluor. Hydrocarbon(s)  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R<sup>2</sup> value= 0  
FitType: Linear  
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 11:53:04 AM  
 Vial # : 2  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

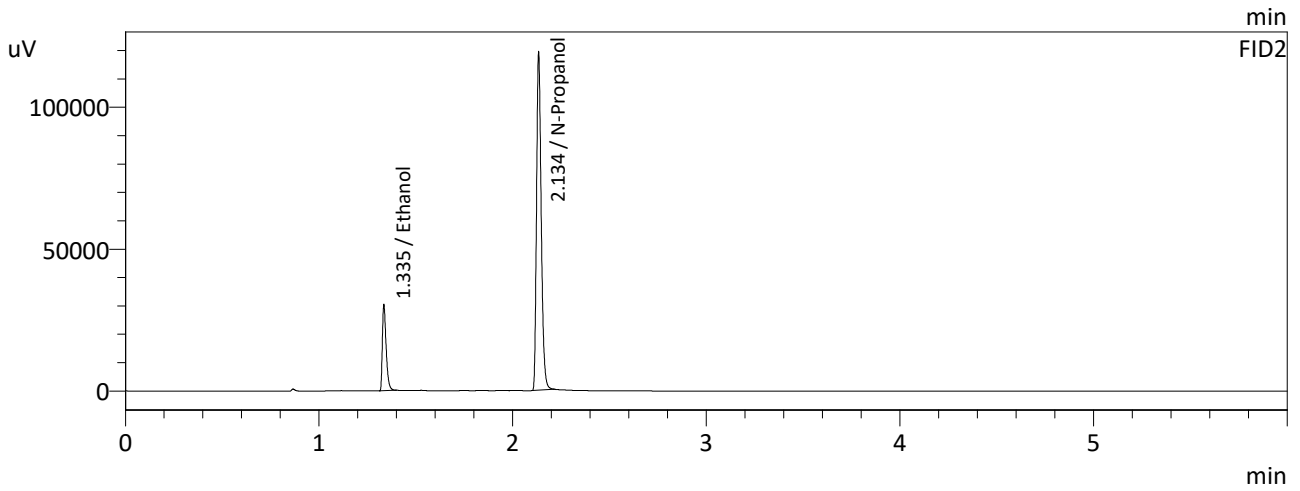
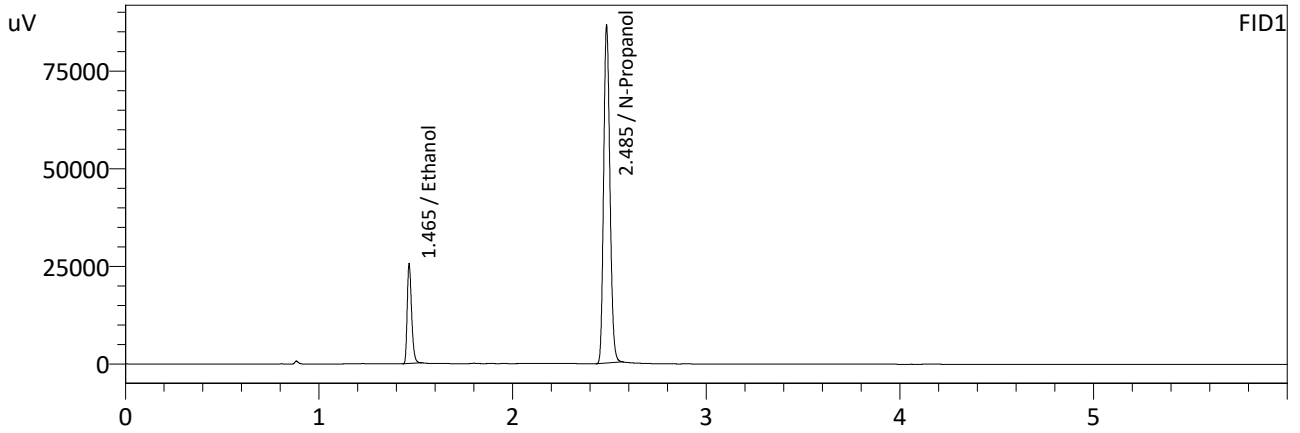
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0489	20240	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	198674	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0473	20645	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	205671	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc



Sample Name : 0.100  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:02:06 PM  
 Vial # : 3  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



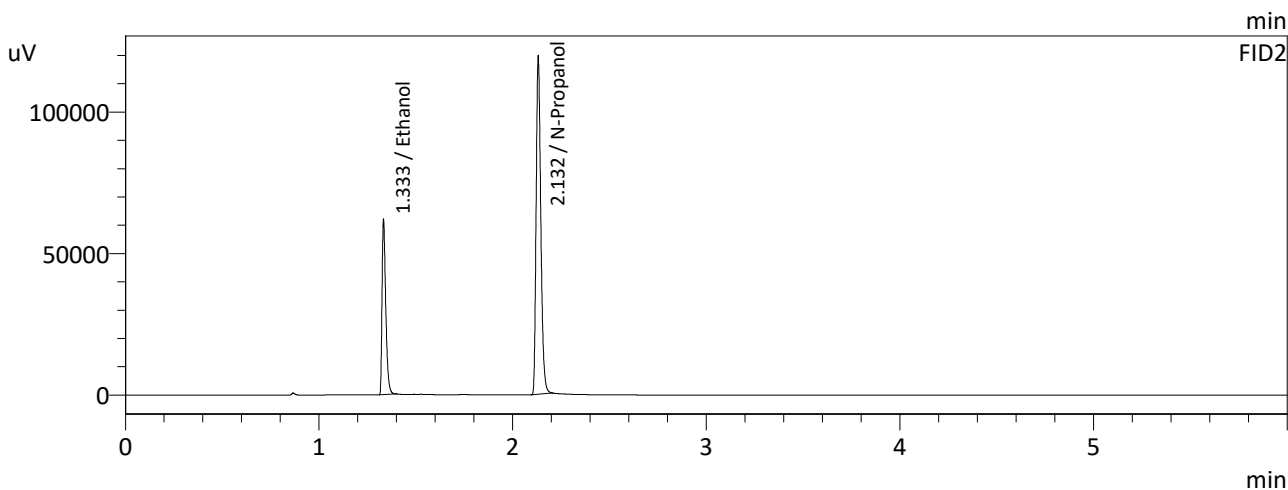
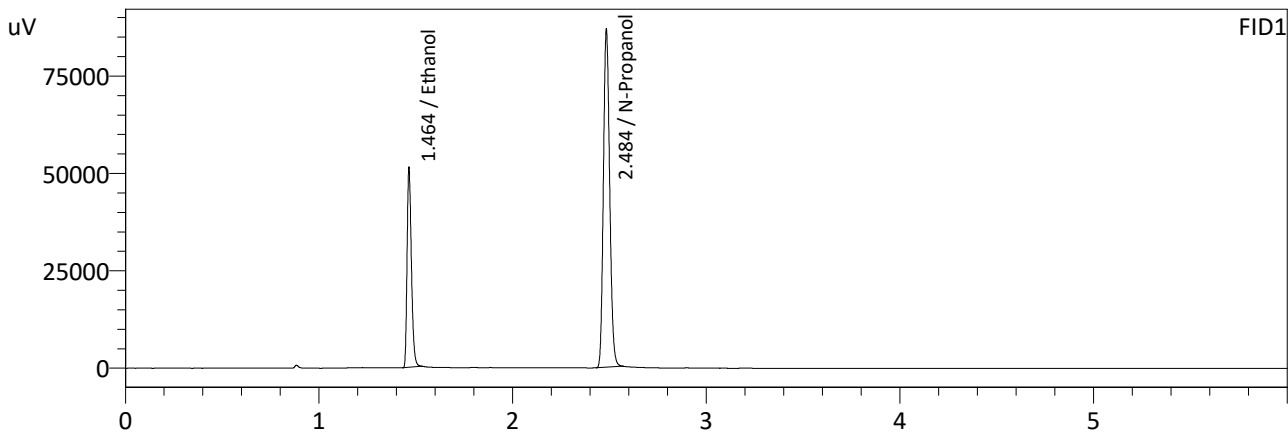
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0981	39723	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	194568	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0963	40965	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200631	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.200  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:11:10 PM  
 Vial # : 4  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

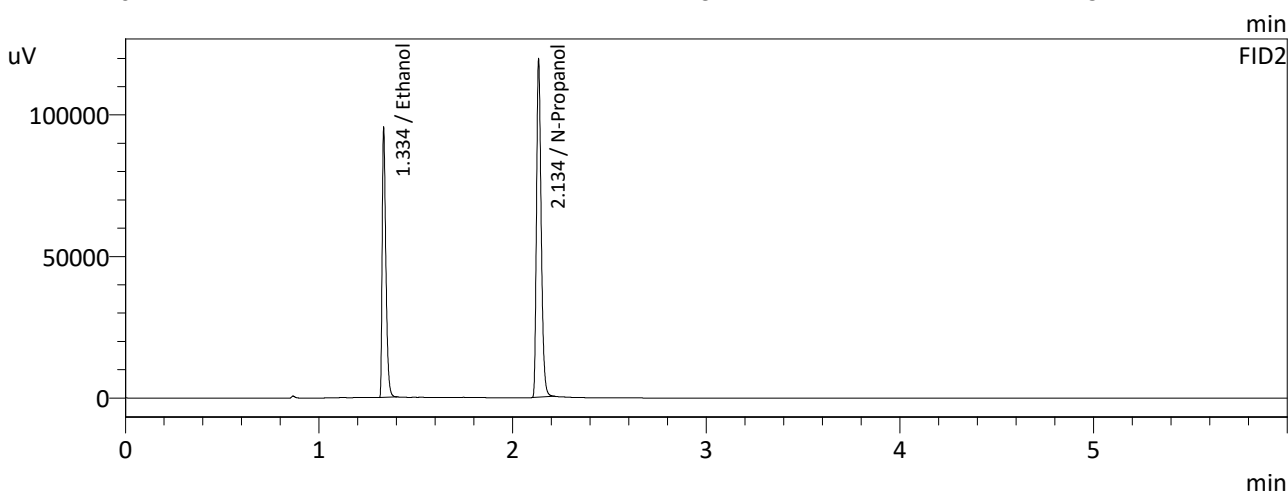
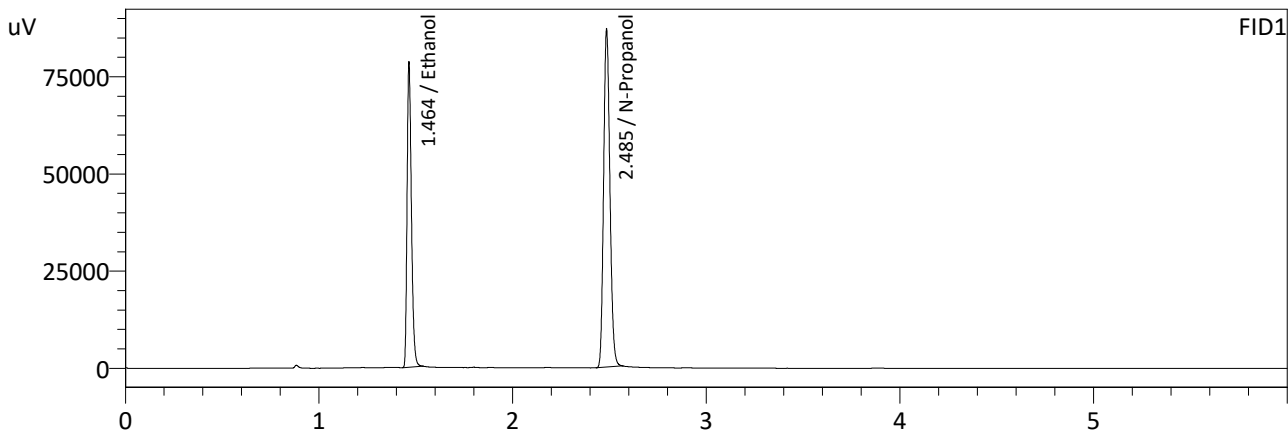
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1948	79334	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195697	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1939	82419	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	200603	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.300  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:20:12 PM  
 Vial # : 5  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



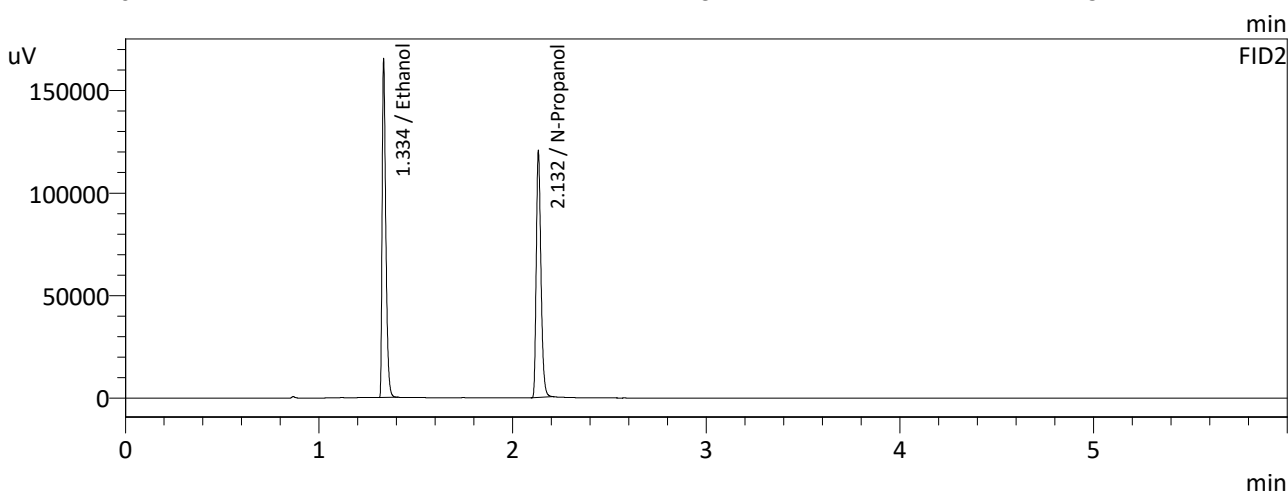
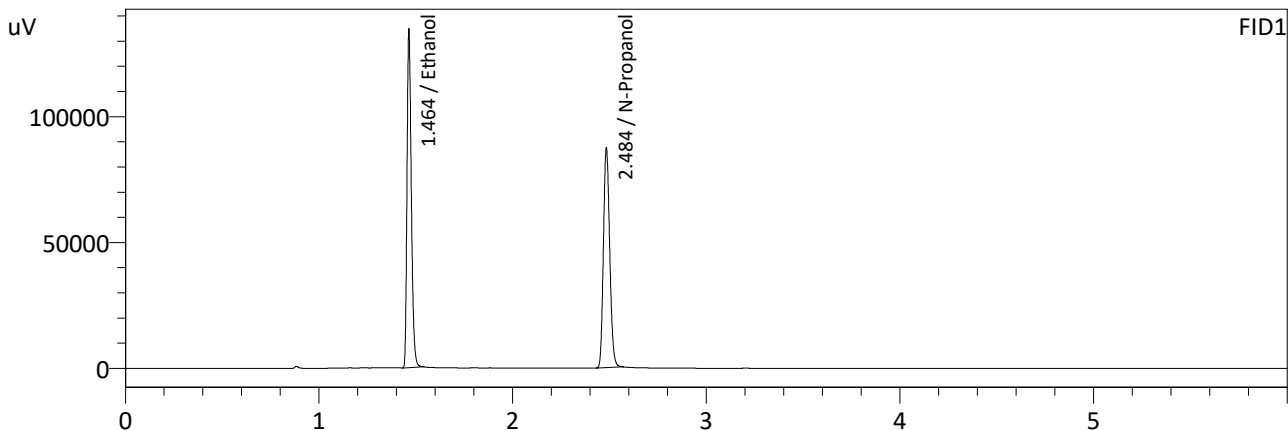
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2969	121166	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196126	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2955	126019	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201303	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.500  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:29:15 PM  
 Vial # : 6  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



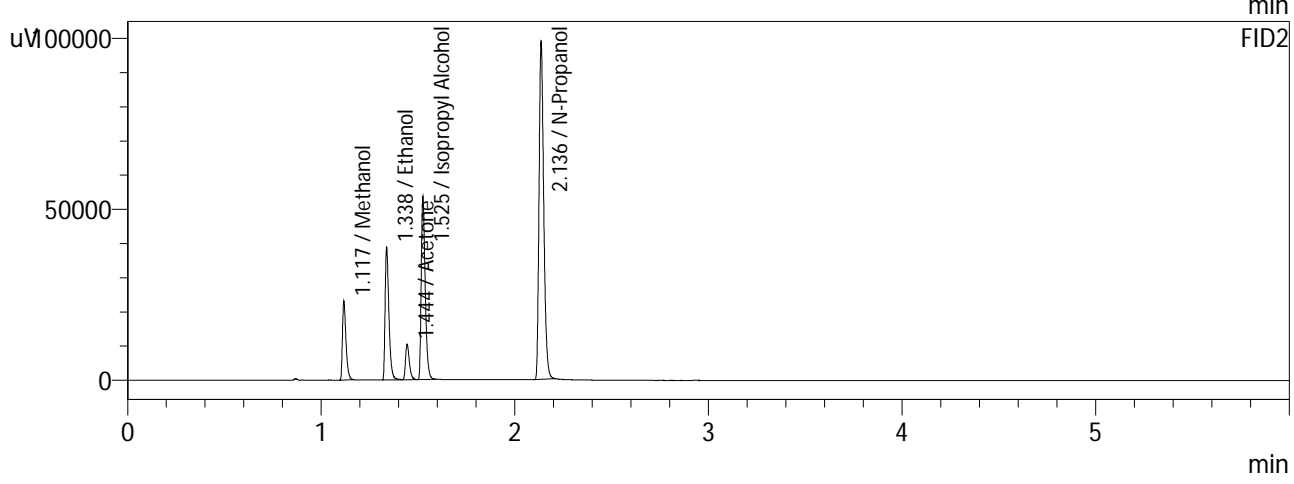
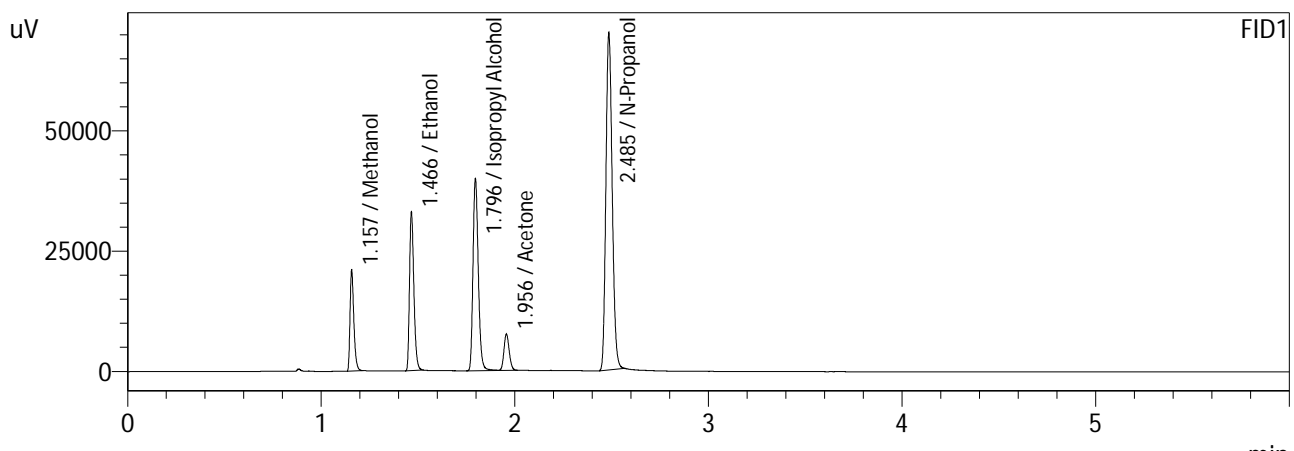
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5043	206504	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196839	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5061	216812	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202220	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MULTI-COMP MIX  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:47:21 PM  
 Vial # : 8  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



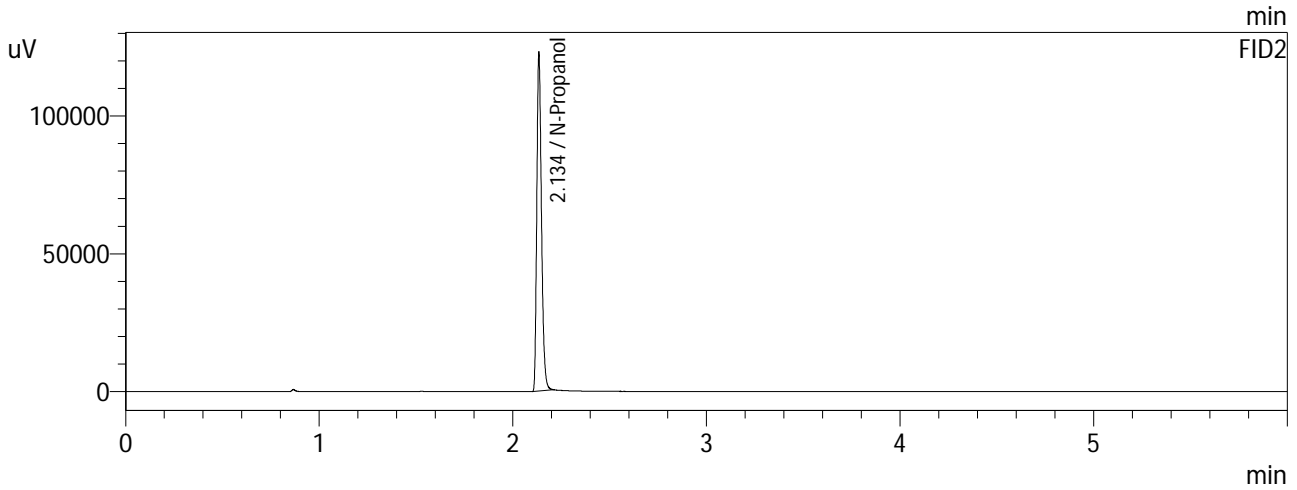
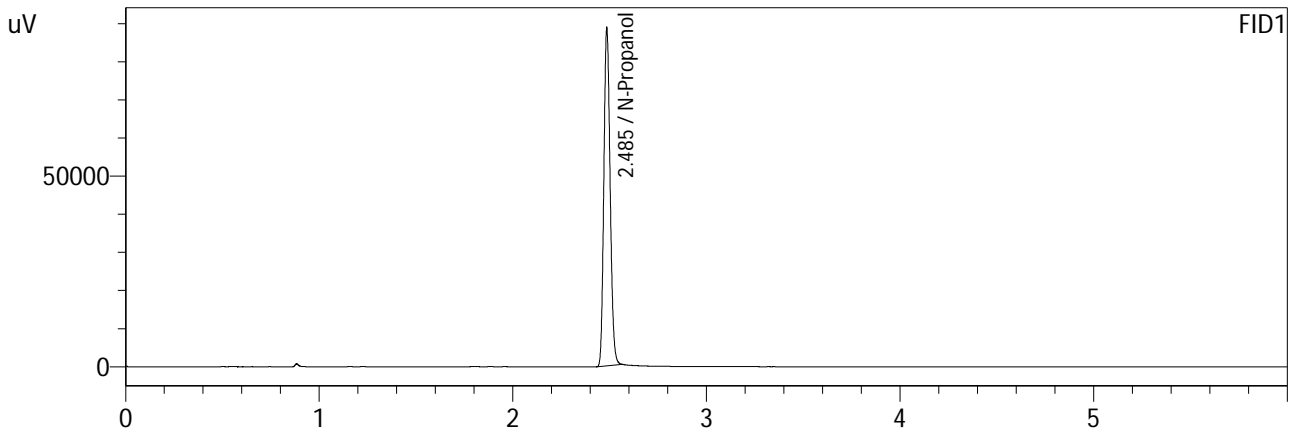
FID1

Name	Conc.	Area	Unit
Methanol	1.0000	28728	g/100cc
Ethanol	0.1559	51462	g/100cc
Isopropyl Alcohol	1.0000	75400	g/100cc
Acetone	1.0000	14536	g/100cc
N-Propanol	0.0000	158593	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	29253	g/100cc
Ethanol	0.1494	52774	g/100cc
Acetone	1.0000	14477	g/100cc
Isopropyl Alcohol	1.0000	76867	g/100cc
N-Propanol	0.0000	166730	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 11:44:01 AM  
 Vial # : 1  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



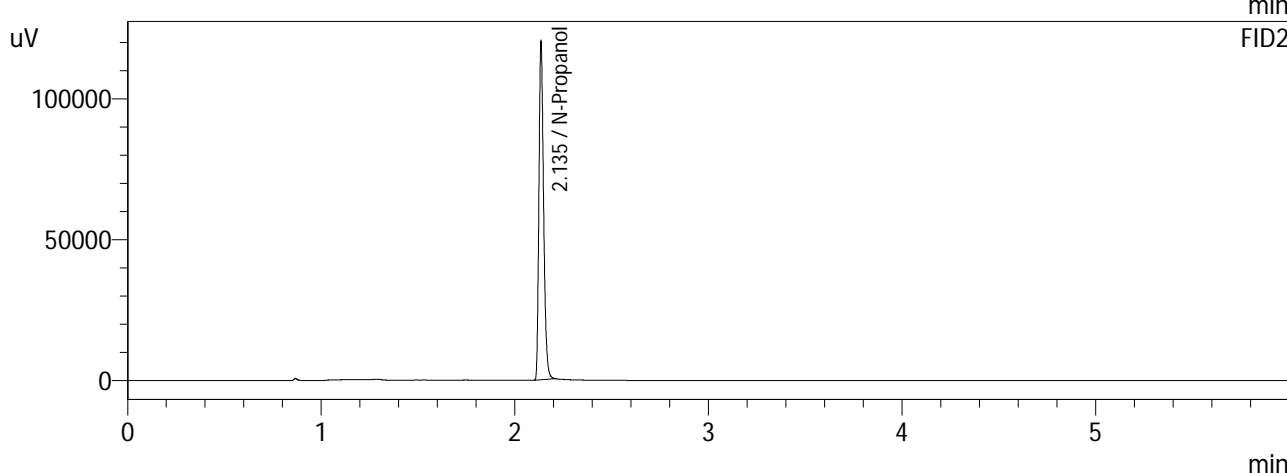
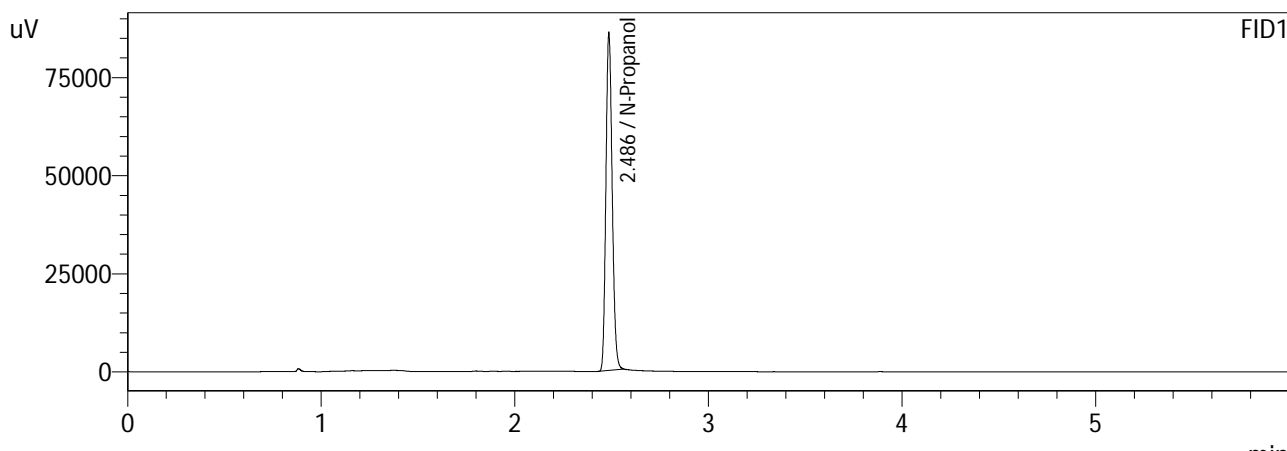
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	199661	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	206961	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:38:18 PM  
 Vial # : 7  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



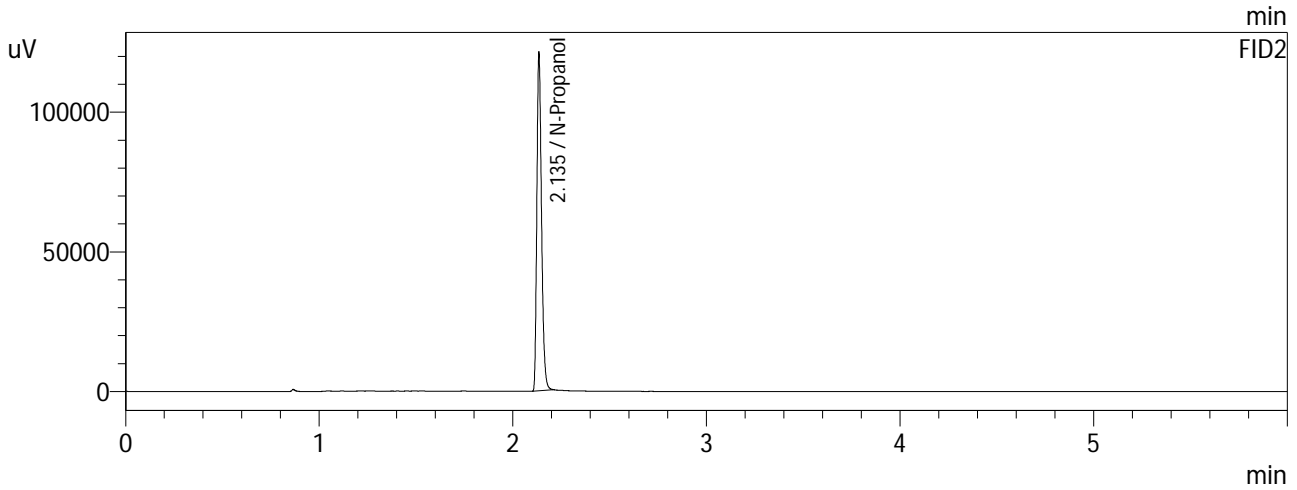
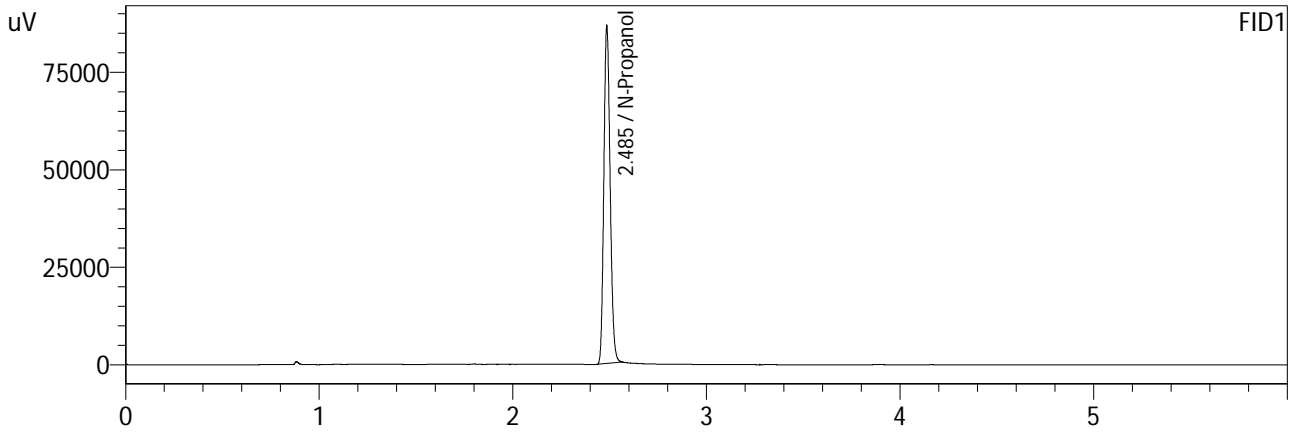
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	193910	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202224	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 3  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 12:56:24 PM  
 Vial # : 9  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

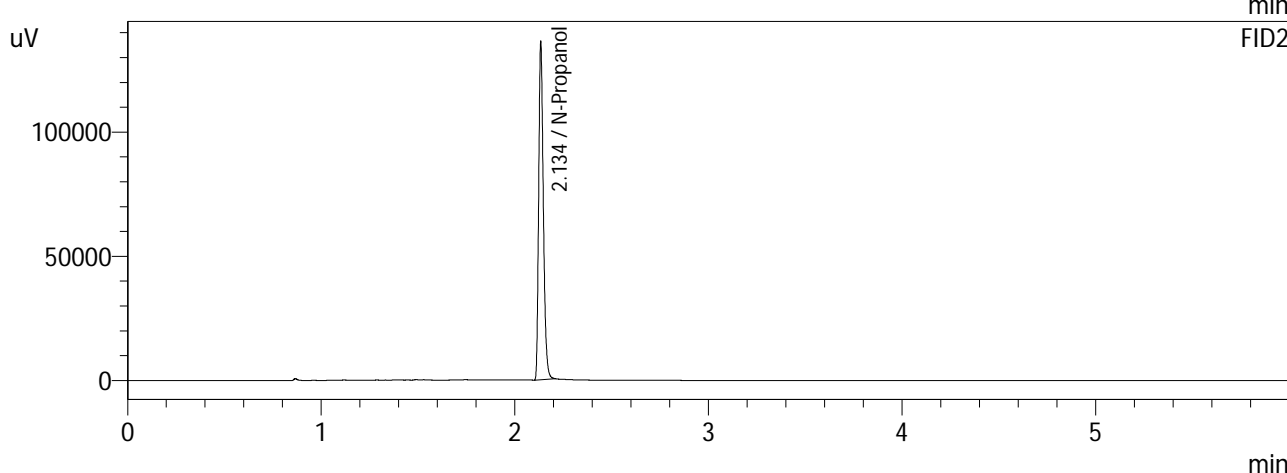
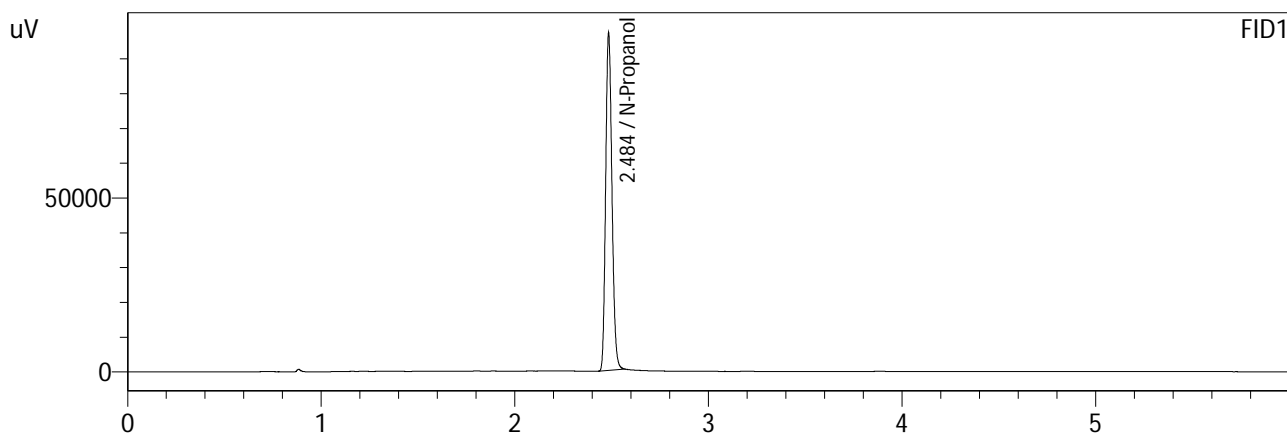
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	195177	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203971	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc



Sample Name : INT STD BLK 4  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 5:55:23 PM  
 Vial # : 42  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	219106	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	228560	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 12-22-2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0778	0.0744	0.0034	0.0761	0.0002	0.0762
(g/100cc)	0.0782	0.0745	0.0037	0.0763		

### 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

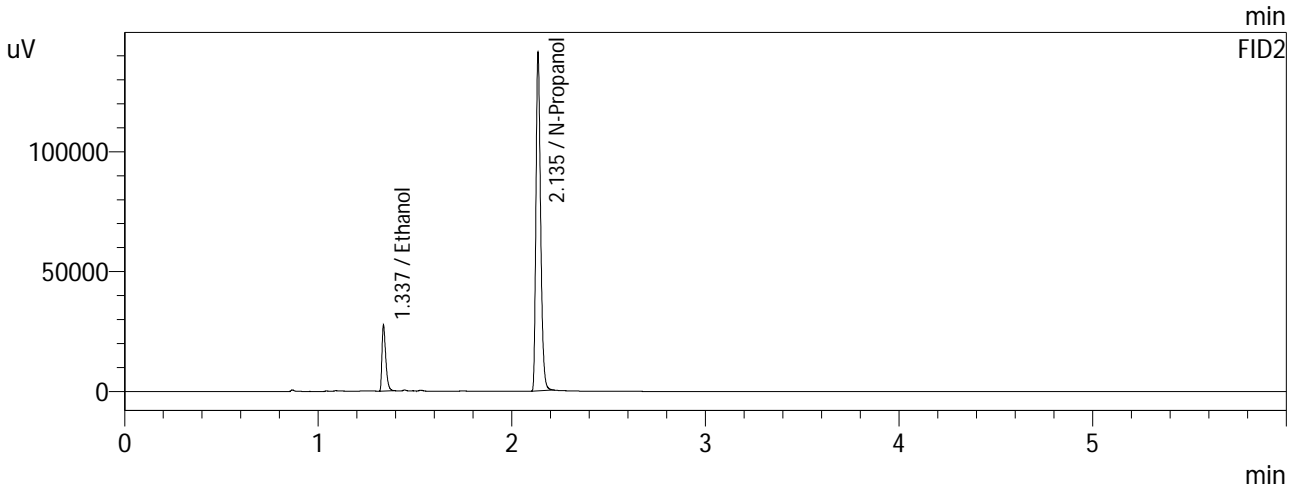
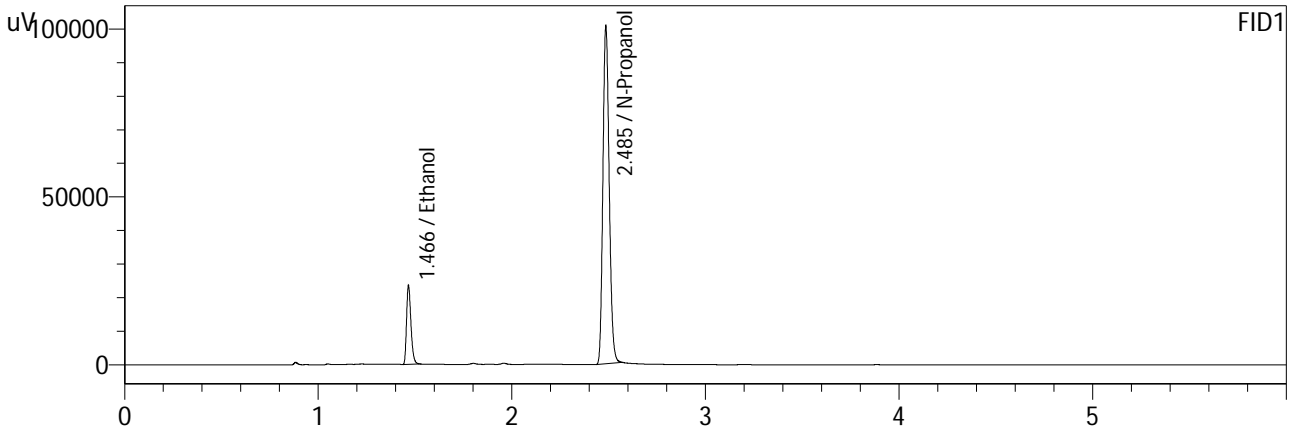
Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	0.072	0.080	0.004

	Reported Result	
	0.076	

*Calibration and control data are stored centrally.*

Sample Name : QC1-1-A  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 5:37:11 PM  
 Vial # : 40  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



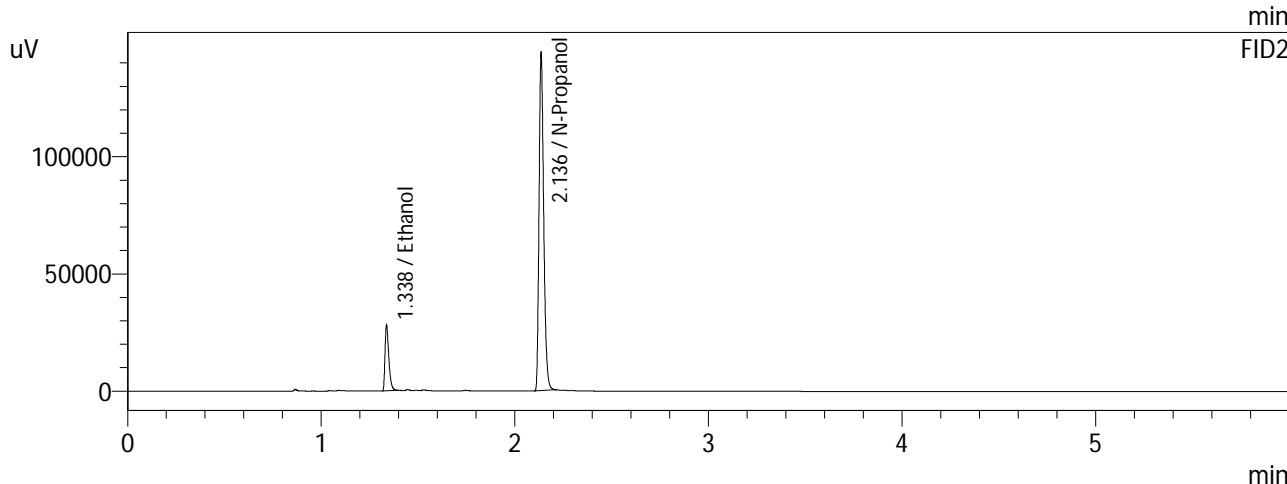
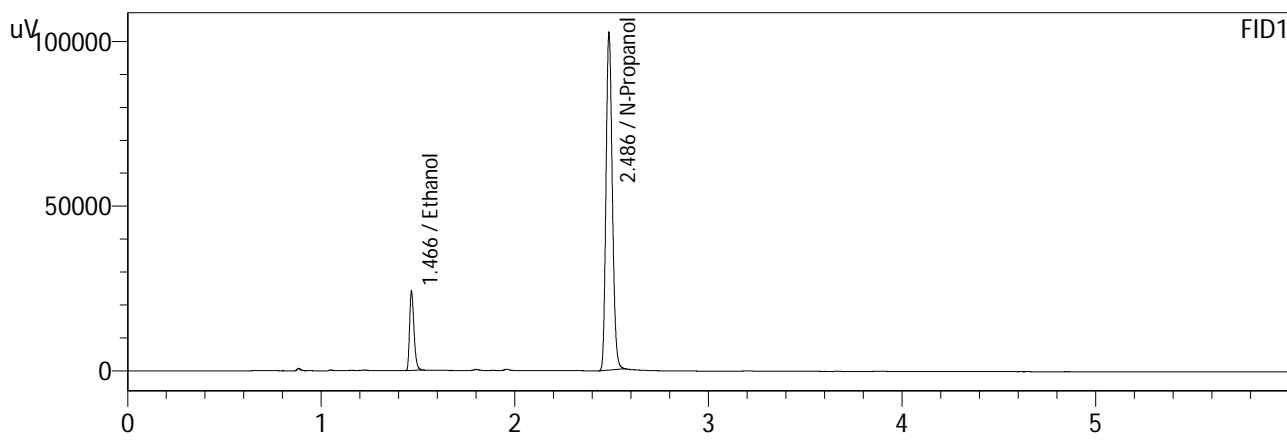
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0778	36817	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	227204	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0744	37354	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	236932	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC1-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 5:46:17 PM  
 Vial # : 41  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0782	37650	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	231312	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0745	38186	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241846	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

**Laboratory No.: QC2-1**

**Analysis Date(s): 12-22-2021**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2038	0.1974	0.0064	0.2006	0.0028	0.2020
(g/100cc)	0.2064	0.2005	0.0059	0.2034		

**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**

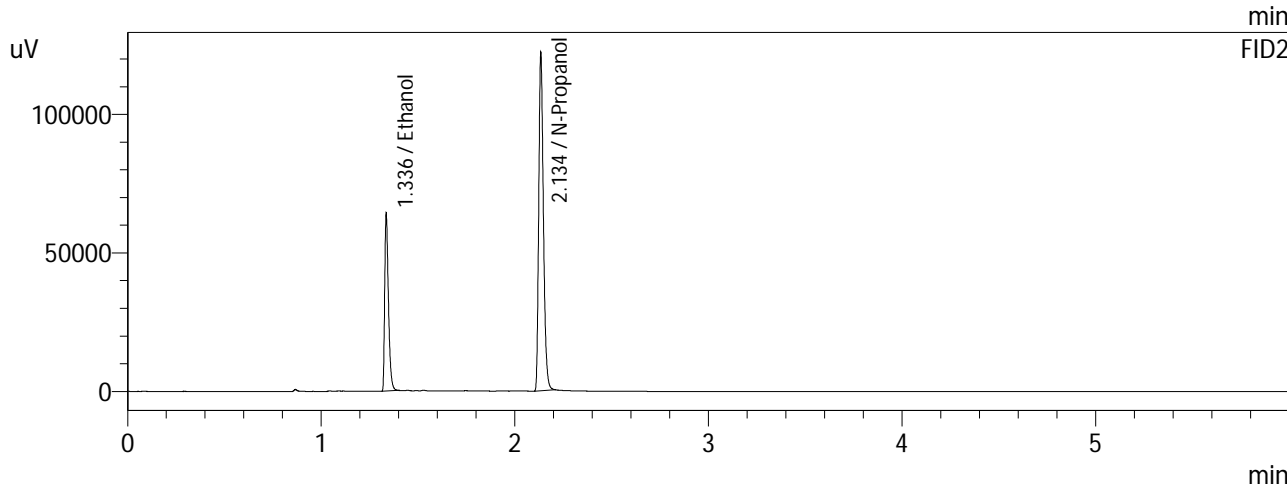
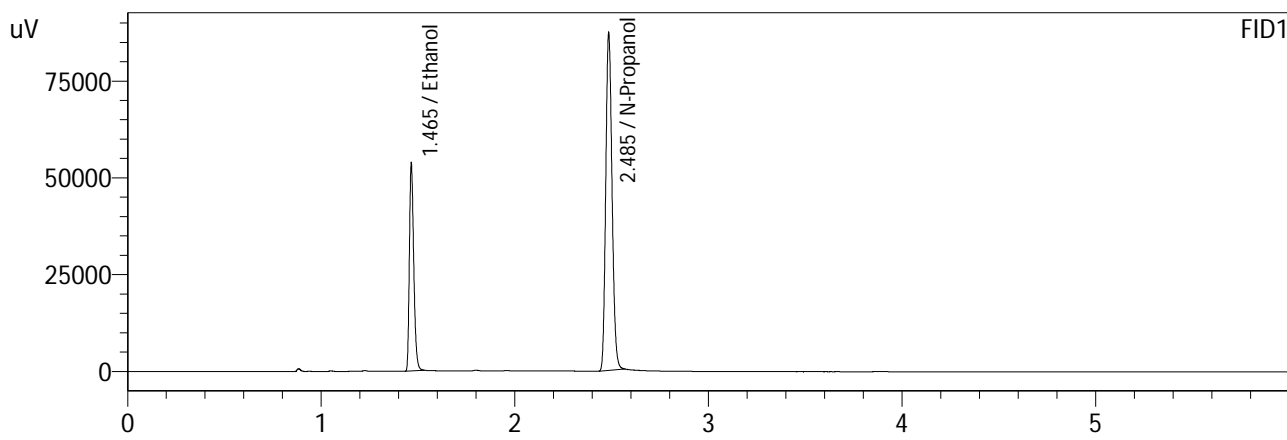
**Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.202	0.191	0.213	0.011

<b>Reported Result</b>	
0.202	

*Calibration and control data are stored centrally.*

Sample Name : QC2-1-A  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 1:05:27 PM  
 Vial # : 10  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

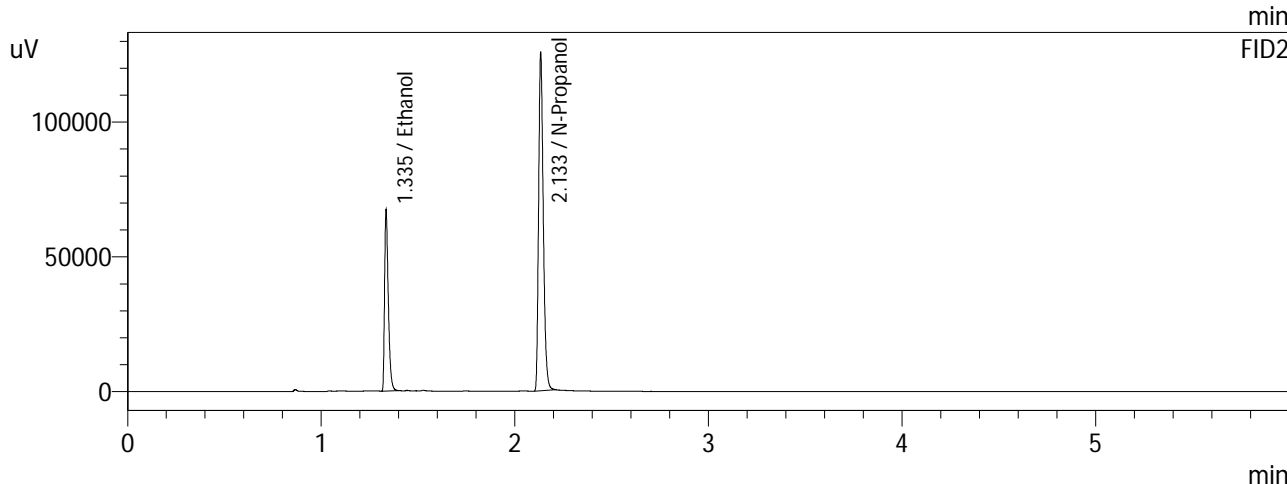
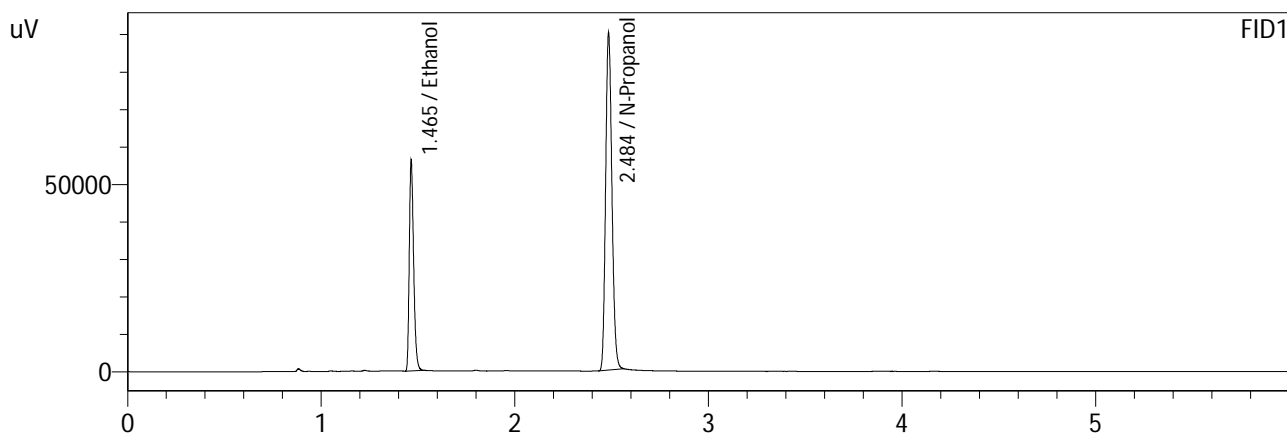
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2038	83404	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196732	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1974	85941	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	205425	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

89

Sample Name : QC2-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 1:14:29 PM  
 Vial # : 11  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2064	87206	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	203049	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2005	89757	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	211229	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 12-22-2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2098	0.2038	0.0060	0.2068	0.0013	0.2061
(g/100cc)	0.2084	0.2027	0.0057	0.2055		

### 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%

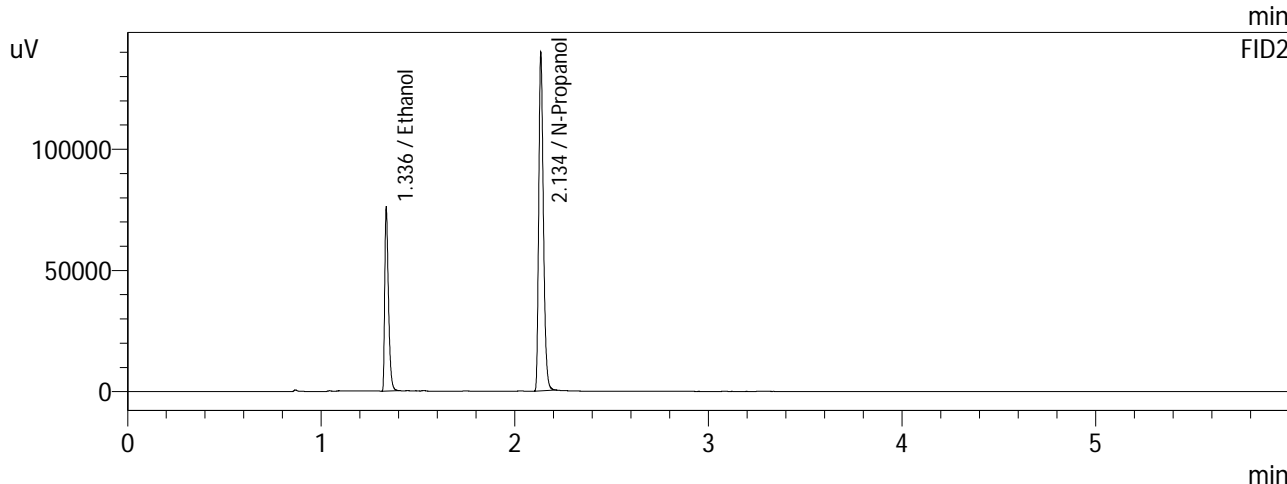
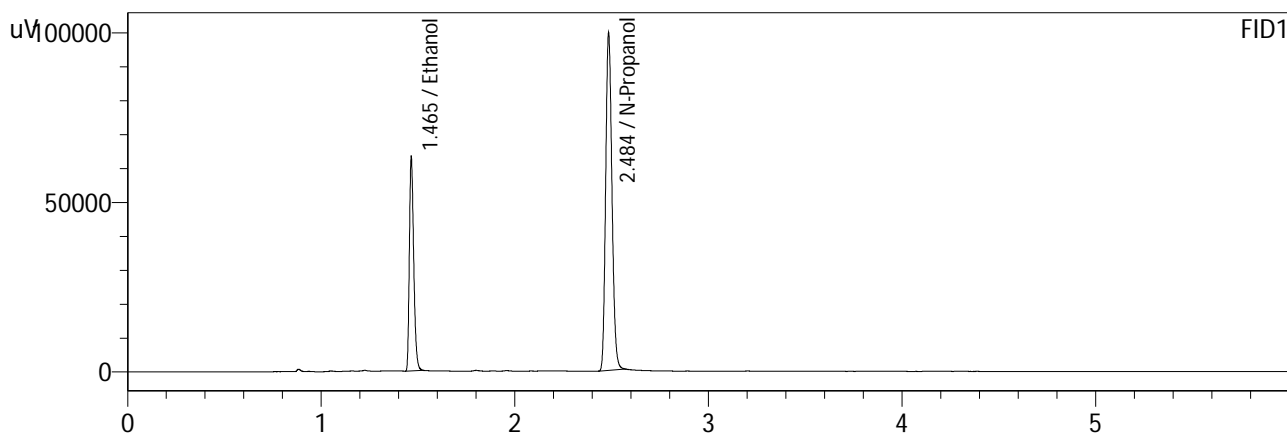
Overall Mean (g/100cc)	Low	High	5% of Mean
0.206	0.195	0.217	0.011

	Reported Result	
	0.206	

*Calibration and control data are stored centrally.*



Sample Name : QC2-2-A  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 4:24:30 PM  
 Vial # : 32  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



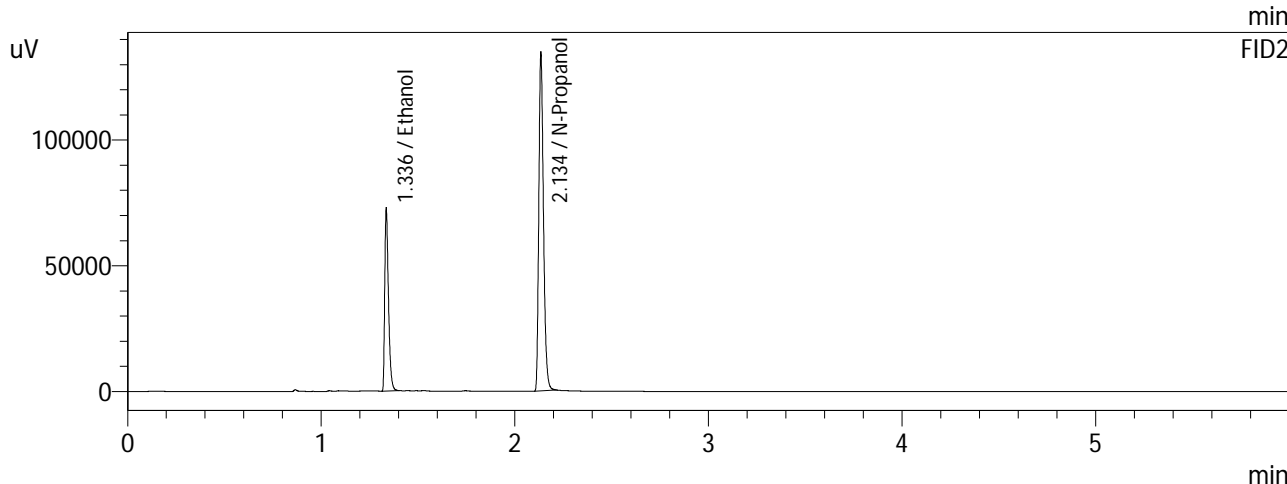
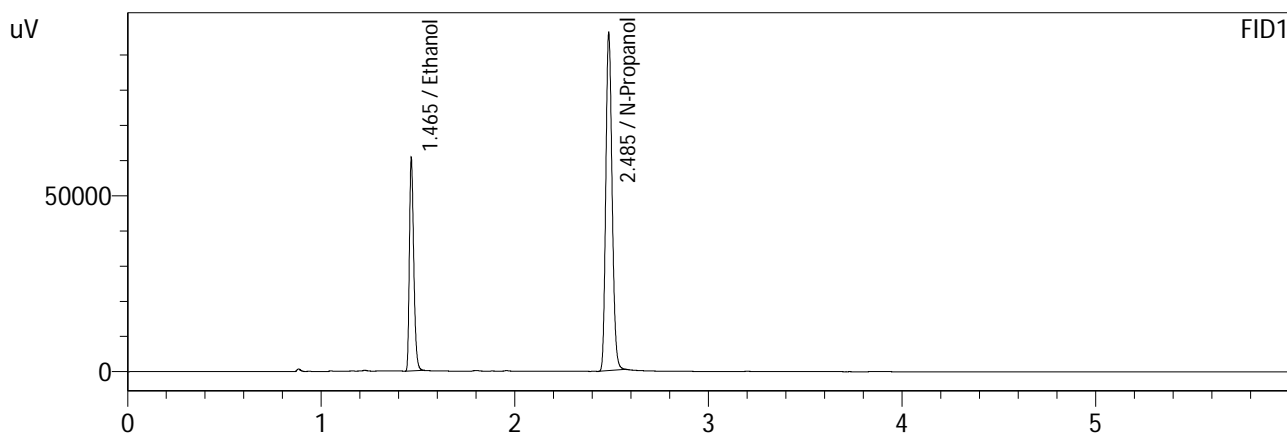
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2098	98092	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	224699	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2038	101224	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234433	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC2-2-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 4:33:34 PM  
 Vial # : 33  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2084	94162	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	217151	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2027	97038	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	225918	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.080 QA

Analysis Date(s): 12-22-2021

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0825	0.0788	0.0037	0.0806	0.0002	0.0807
(g/100cc)	0.0826	0.0790	0.0036	0.0808		

### 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

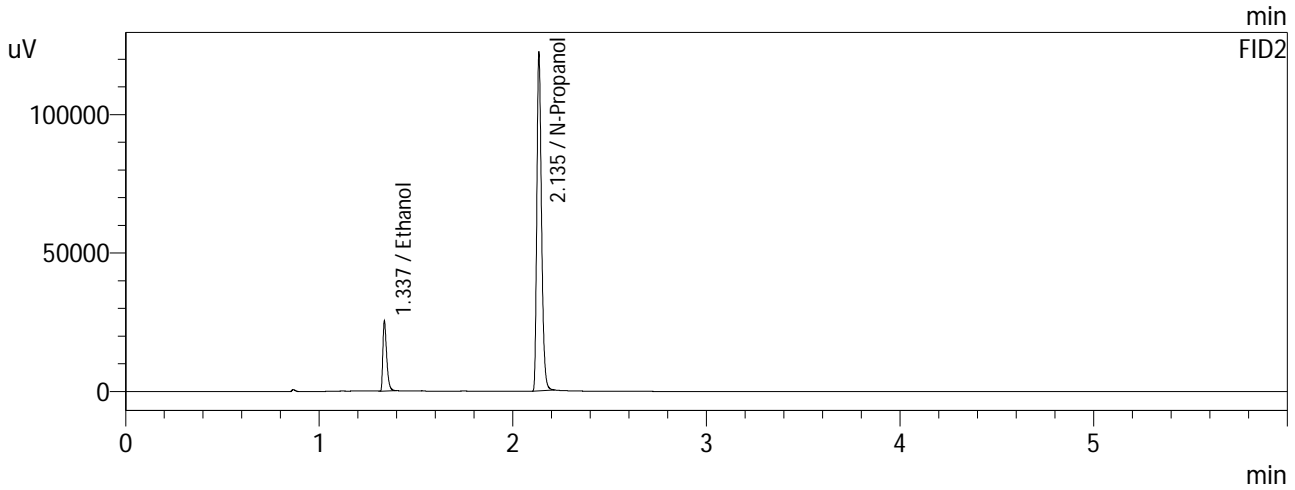
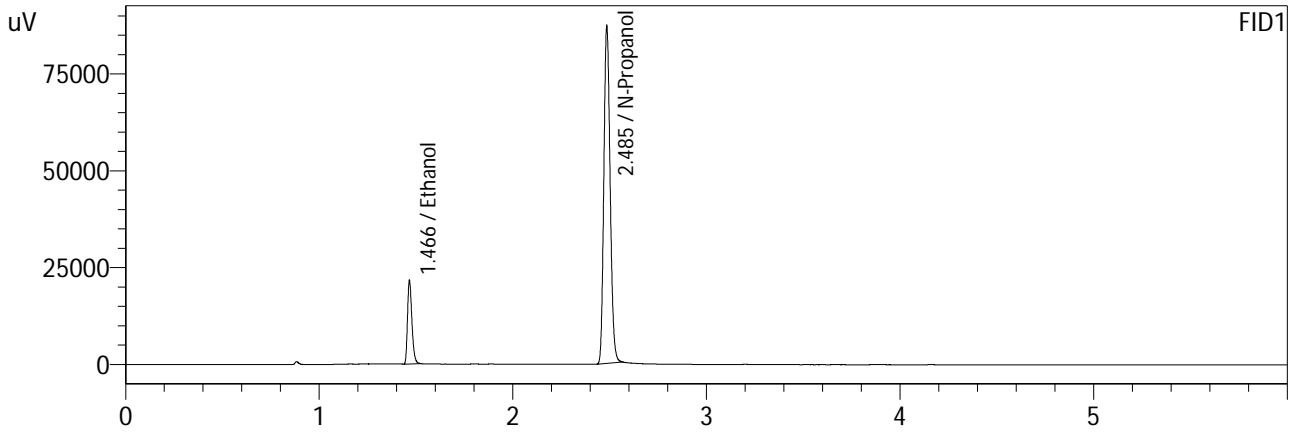
Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

*Calibration and control data are stored centrally.*

Sample Name : 0.08 QA - A  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 1:23:33 PM  
 Vial # : 12  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



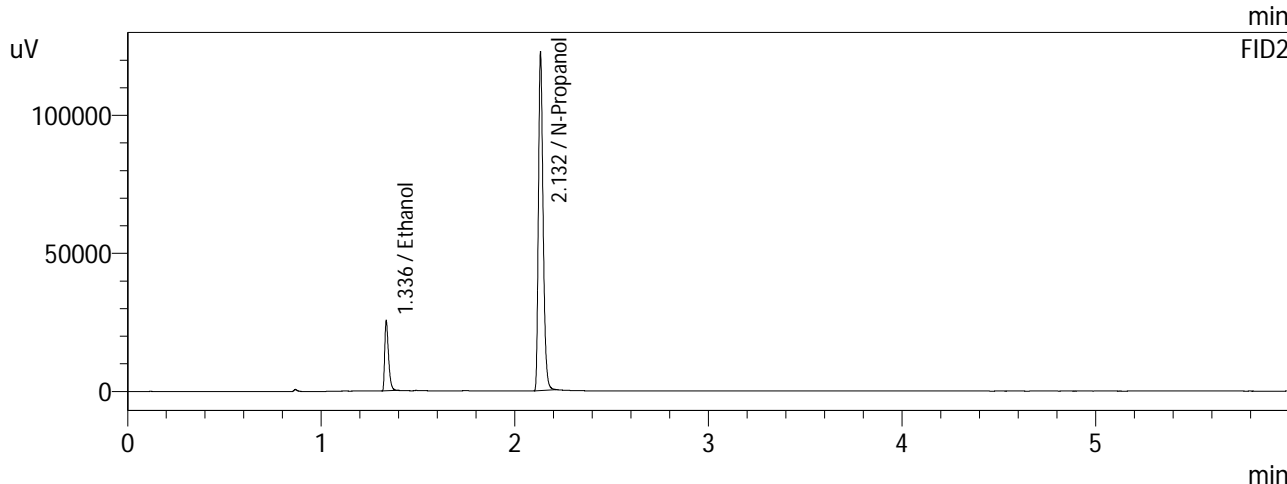
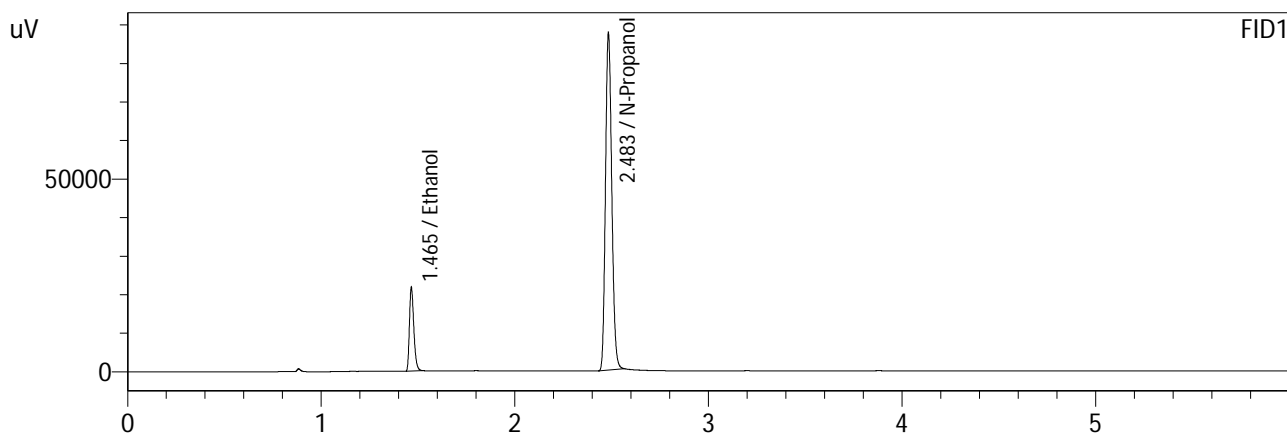
FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	33792	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	196709	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0788	34354	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	205655	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : 0.08 QA - B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 12/22/2021 1:32:36 PM  
 Vial # : 13  
 Method Filename : C:\LabSolutions\Data\12-22-21\ALCOHOL (short).GCM  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	33965	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	197530	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0790	34516	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	205993	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc