

















99

**REVIEWED**  
By Melissa (Nikka) Bradley at 2:30 pm, Jul 09, 2024

7/7/2024

AB

**Worklist: 6860**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-1098	1	BCK	Alcohol Analysis	
C2024-1113	1	BCK	Alcohol Analysis	
C2024-1115	1	BCK	Alcohol Analysis	
C2024-1121	1	BCK	Alcohol Analysis	
C2024-1128	1	BCK	Alcohol Analysis	
C2024-1129	1	BCK	Alcohol Analysis	
C2024-1134	1	BCK	Alcohol Analysis	
C2024-1145	1	BCK	Alcohol Analysis	
C2024-1153	1	BCK	Alcohol Analysis	
C2024-1154	1	BCK	Alcohol Analysis	
C2024-1157	1	BCK	Alcohol Analysis	
C2024-1182	1	BCK	Alcohol Analysis	
C2024-1200	1	BCK	Alcohol Analysis	
C2024-1215	1	BCK	Alcohol Analysis	
C2024-1224	1	BCK	Alcohol Analysis	
C2024-1226	1	BCK	Alcohol Analysis	

99

# Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700  
 Shimadzu HS-20 Serial #C12595700181  
 Lab Solutions DB Software Ver. 6.111  
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Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.gcm
2	0.050 FN06171903	1:Standard:(R)	1	ALCOHOL.gcm
3	0.100 FN11172002	1:Standard:(R)	2	ALCOHOL.gcm
4	0.200 FN03132302	1:Standard:(R)	3	ALCOHOL.gcm
5	0.400 FN03052102	1:Standard:(R)	4	ALCOHOL.gcm
6	0.500 FN06262004	1:Standard:(R)	5	ALCOHOL.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.gcm
8	I-COMP MIX LOT# FN051	1:Standard:(R)	6	ALCOHOL.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
12	0.08 QA LOT# FN06232204	0:Unknown	0	ALCOHOL.gcm
13	0.08 QA - B LOT# FN062322	0:Unknown	0	ALCOHOL.gcm
14	C2024-1098-1	0:Unknown	0	ALCOHOL.gcm
15	C2024-1098-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2024-1113-1	0:Unknown	0	ALCOHOL.gcm
17	C2024-1113-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2024-1115-1	0:Unknown	0	ALCOHOL.gcm
19	C2024-1115-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2024-1121-1	0:Unknown	0	ALCOHOL.gcm
21	C2024-1121-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2024-1128-1	0:Unknown	0	ALCOHOL.gcm
23	C2024-1128-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2024-1129-1	0:Unknown	0	ALCOHOL.gcm
25	C2024-1129-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2024-1134-1	0:Unknown	0	ALCOHOL.gcm
27	C2024-1134-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2024-1145-1	0:Unknown	0	ALCOHOL.gcm
29	C2024-1145-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2024-1153-1	0:Unknown	0	ALCOHOL.gcm
31	C2024-1153-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
34	C2024-1154-1	0:Unknown	0	ALCOHOL.gcm
35	C2024-1154-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2024-1157-1	0:Unknown	0	ALCOHOL.gcm
37	C2024-1157-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2024-1182-1	0:Unknown	0	ALCOHOL.gcm
39	C2024-1182-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2024-1200-1	0:Unknown	0	ALCOHOL.gcm
41	C2024-1200-1-B	0:Unknown	0	ALCOHOL.gcm
42	C2024-1215-1	0:Unknown	0	ALCOHOL.gcm
43	C2024-1215-1-B	0:Unknown	0	ALCOHOL.gcm
44	C2024-1224-1	0:Unknown	0	ALCOHOL.gcm
45	C2024-1224-1-B	0:Unknown	0	ALCOHOL.gcm
46	C2024-1226-1	0:Unknown	0	ALCOHOL.gcm
47	C2024-1226-1-B	0:Unknown	0	ALCOHOL.gcm
48	QC-2-2	0:Unknown	0	ALCOHOL.gcm
49	QC-2-2-B	0:Unknown	0	ALCOHOL.gcm
50	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm

99

**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):**

**7-8-2024**

**Calibration Date: (if different)**

**Worklist #**

**6860**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0832 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1942 g/100cc	
					0.1938 g/100cc	
					g/100cc	
<b>Multi-Component mixture:</b>		<b>Exp:</b>	May 31, 2028	<b>Lot #</b>	FN05302307	OK
<b>Curve Fit:</b>			<b>Column 1</b>	0.99957	<b>Column2</b>	0.99955

**Ethanol Calibration Reference Material**

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0534	0.0537	0.0003	0.0535
100	0.100	0.090 - 0.110	0.1005	0.1005	0.0000	0.1005
200	0.200	0.180 - 0.220	0.1950	0.1947	0.0003	0.1948
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3968	0.3970	0.0002	0.3969
500	0.500	0.450 - 0.550	0.5040	0.5039	0.0001	0.5039

**Aqueous Controls**

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

99

### Internal Standard Monitoring Worksheet

<b>Worklist #:</b>	6860	<b>Run Date(s):</b>	7-8-2024
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Internal Standard Solution: Lot# A014463901	Prep Date: 6/5/2024	Exp Date: 12/5/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	246788	248144
0.080	251209	253016
QC1	246983	248958
QC1	248470	250401
QC1		
QC1		
QC1		
QC1		
QC2	284939	286323
QC2	282123	283689
QC2	291732	293364
QC2	302901	304714
QC2		
QC2		

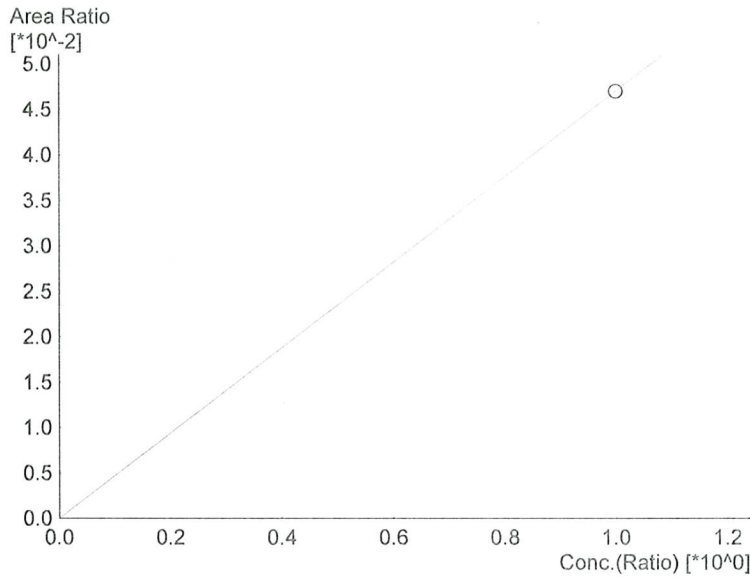
	Average	(-)20%	(+ )20%
Column 1	269393.1	215514.5	323271.8
Column 2	271076.1	216860.9	325291.4

99

## Calibration Table

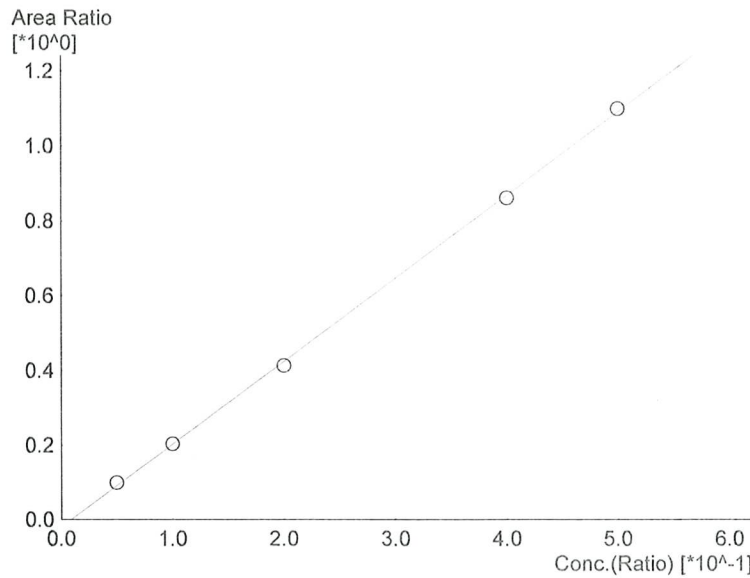
Laboratory : Coeur d' Alene  
 Instrument Name : BML8F33-Instrument1  
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>  
 Method File :Default Project - ALCOHOL.gcm  
 Batch File :Default Project - 7-8-24.gcb  
 Date Acquired :7/8/2024 4:29:01 PM  
 Date Created :7/8/2024 4:26:25 PM  
 Date Modified :7/8/2024 4:35:03 PM



Name : Methanol  
 Detector Name: FID1  
 Function :  $f(x)=0.0469898*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

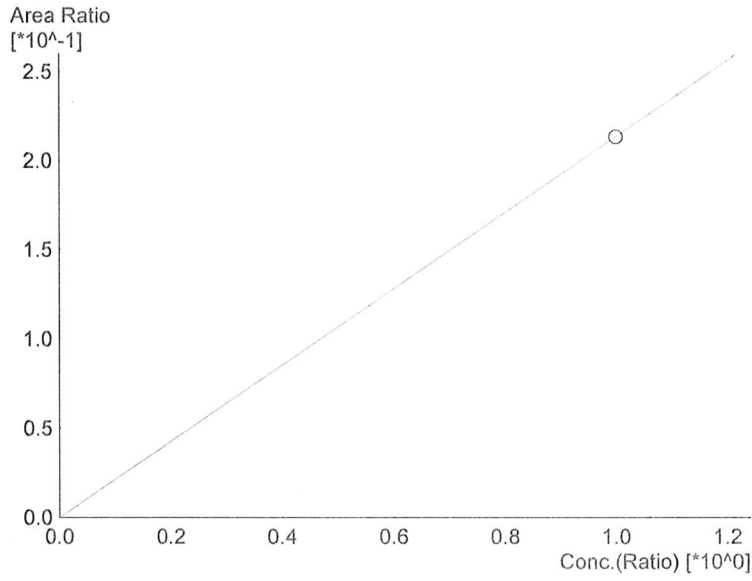
#	Conc.	Area	Std. Conc.
6	1.000	11458	1.0000



Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.22160*x-0.0200338$   
 R<sup>2</sup> value= 0.9995785  
 FitType: Linear  
 ZeroThrough: Not Through

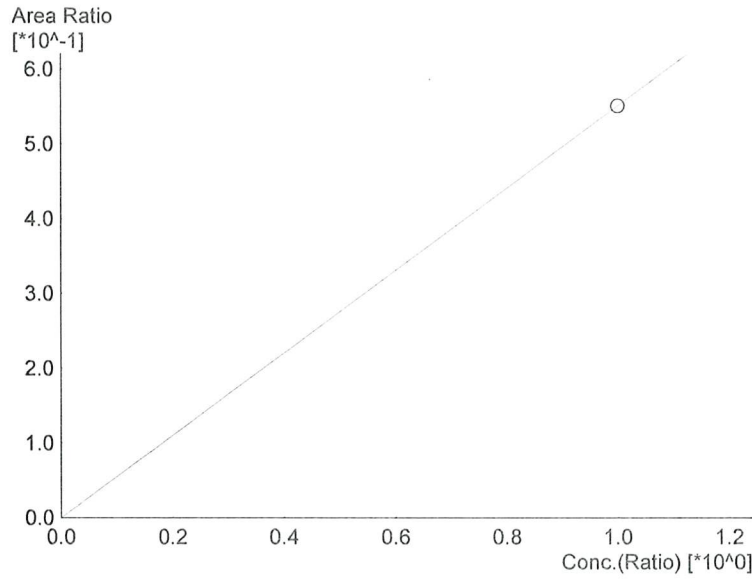
#	Conc.	Area	Std. Conc.
1	0.050	23122	0.0534
2	0.100	48272	0.1005
3	0.200	98081	0.1950
4	0.400	205619	0.3968
5	0.500	262490	0.5040

99



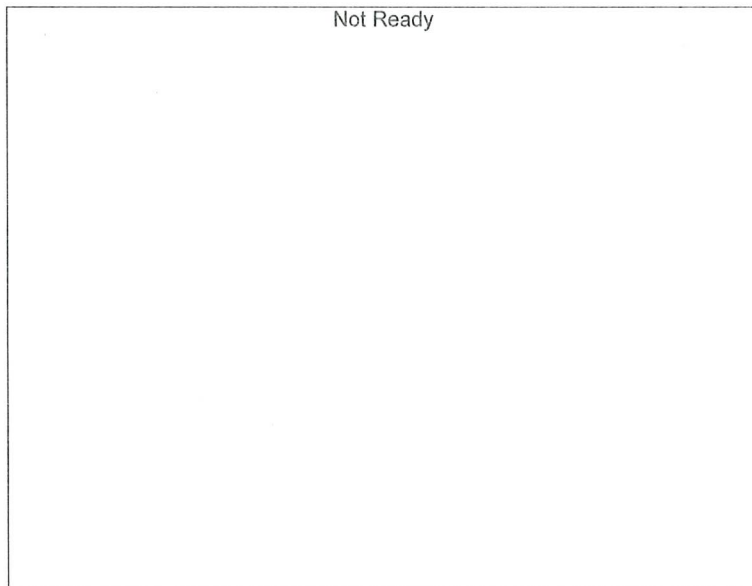
Name : Isopropyl Alcohol  
Detector Name: FID1  
Function :  $f(x)=0.213541*x+0$   
R<sup>2</sup> value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	52071	1.0000



Name : Acetone  
Detector Name: FID1  
Function :  $f(x)=0.551011*x+0$   
R<sup>2</sup> value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

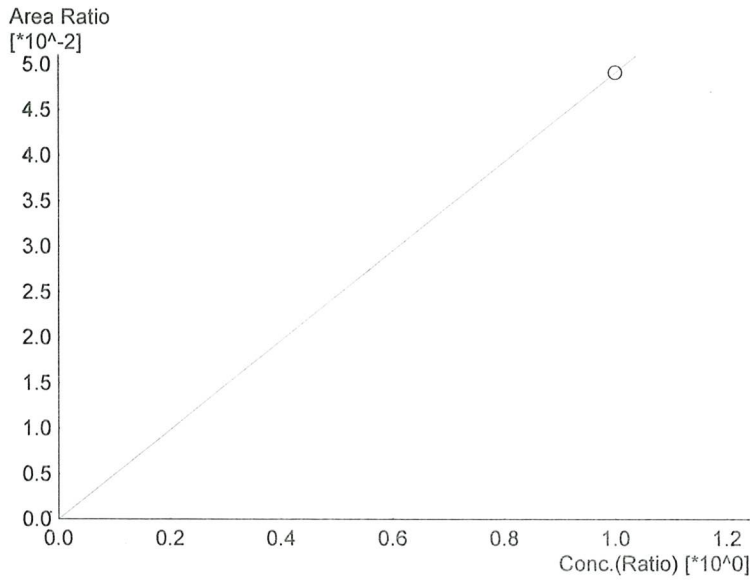
#	Conc.	Area	Std. Conc.
6	1.000	134362	1.0000



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

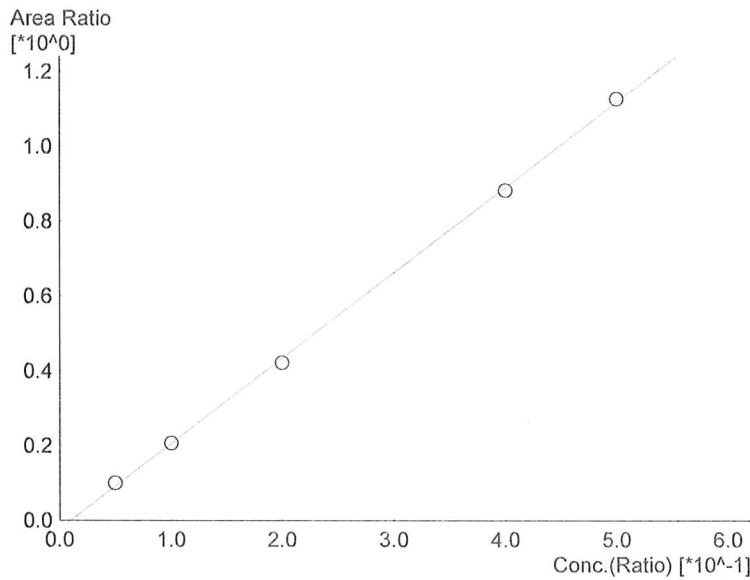
#	Conc.	Area	Std. Conc.
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99



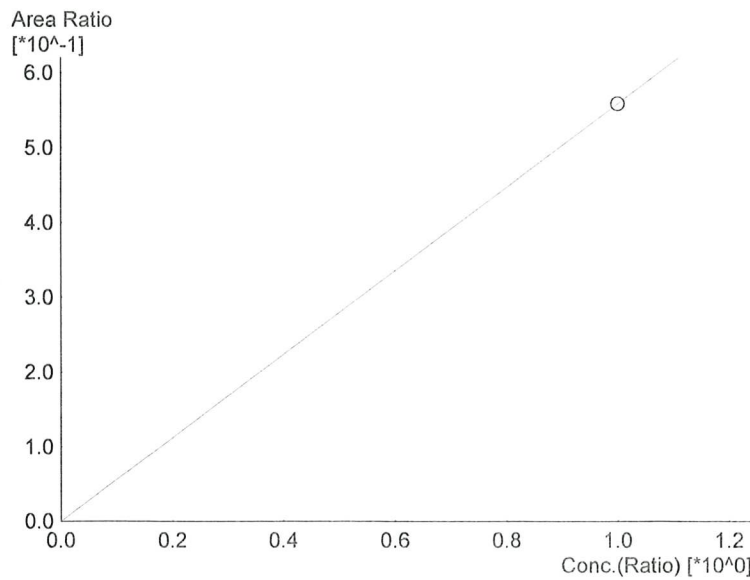
Name : Methanol  
 Detector Name: FID2  
 Function :  $f(x)=0.0491431*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	12055	1.0000



Name : Ethanol  
 Detector Name: FID2  
 Function :  $f(x)=2.28198*x-0.0225075$   
 R<sup>2</sup> value= 0.9995560  
 FitType: Linear  
 ZeroThrough: Not Through

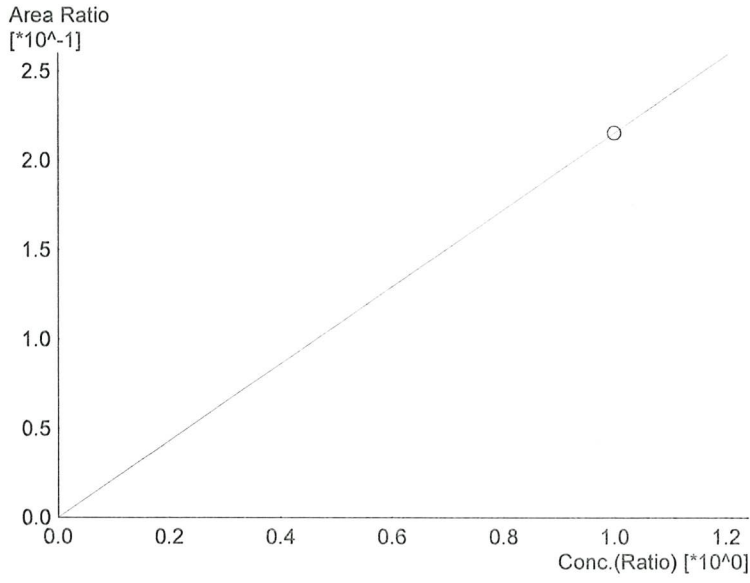
#	Conc.	Area	Std. Conc.
1	0.050	23507	0.0537
2	0.100	49329	0.1005
3	0.200	100572	0.1947
4	0.400	212274	0.3970
5	0.500	271377	0.5039



Name : Acetone  
 Detector Name: FID2  
 Function :  $f(x)=0.559644*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

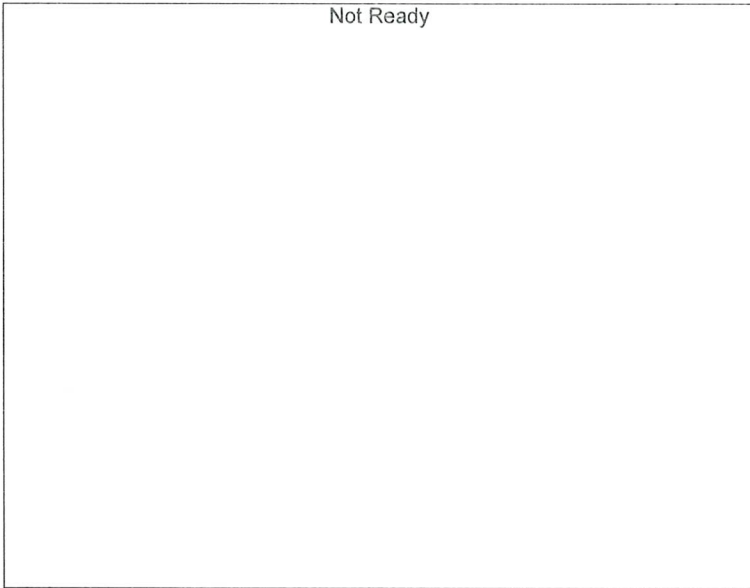
#	Conc.	Area	Std. Conc.
6	1.000	137287	1.0000

99



Name : Isopropyl Alcohol  
Detector Name: FID2  
Function :  $f(x)=0.215541*x+0$   
R^2 value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	52875	1.0000



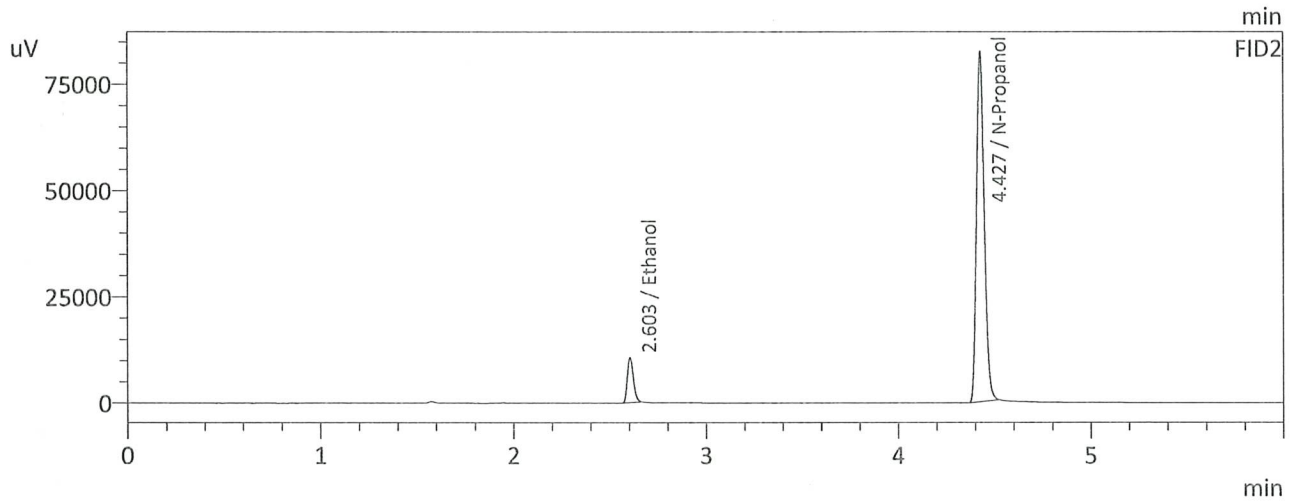
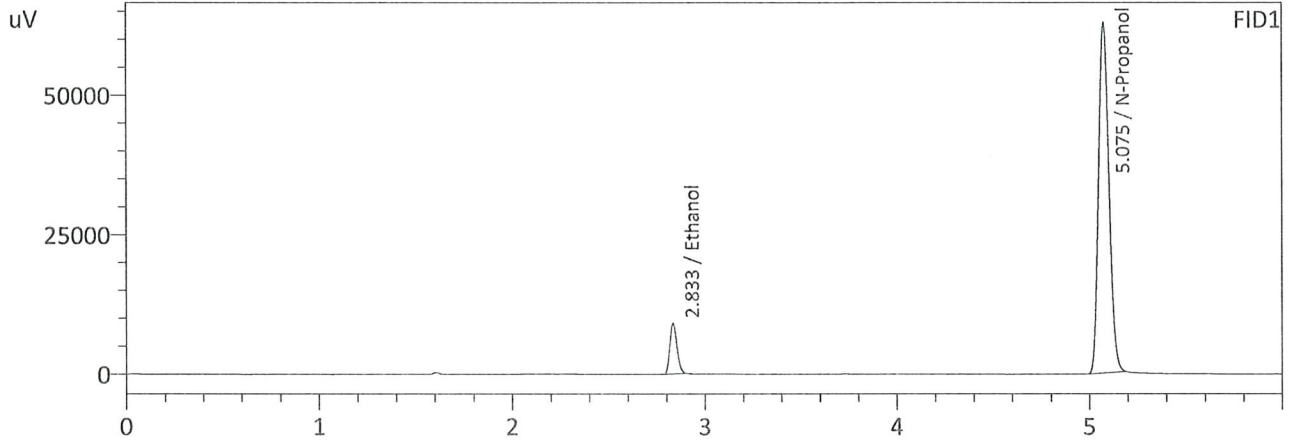
Name : Fluor. Hydrocarbon(s)  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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99

Sample Name : 0.050 FN06171903  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 3:50:17 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

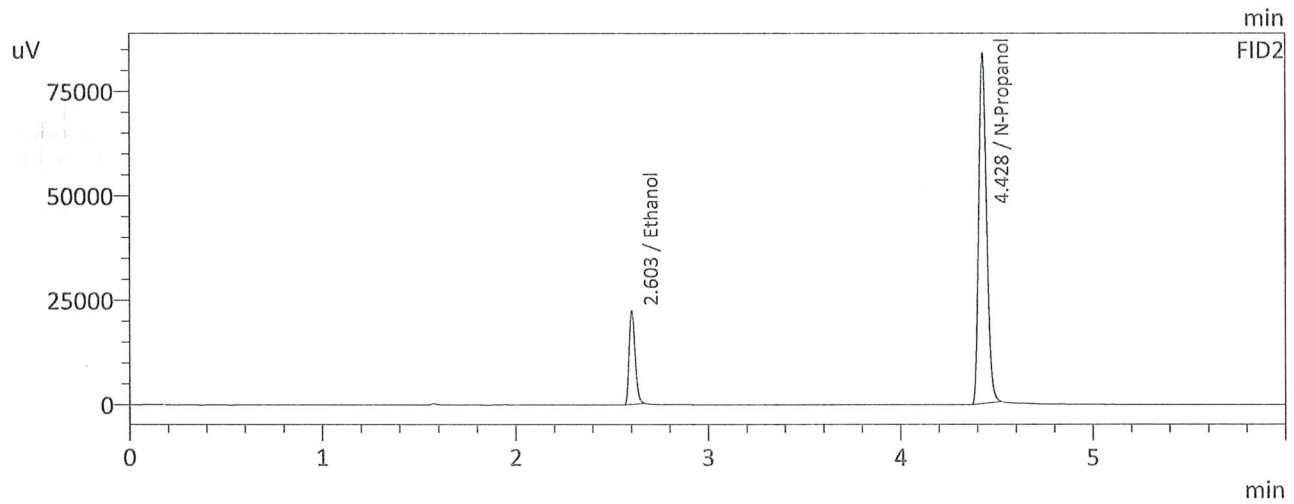
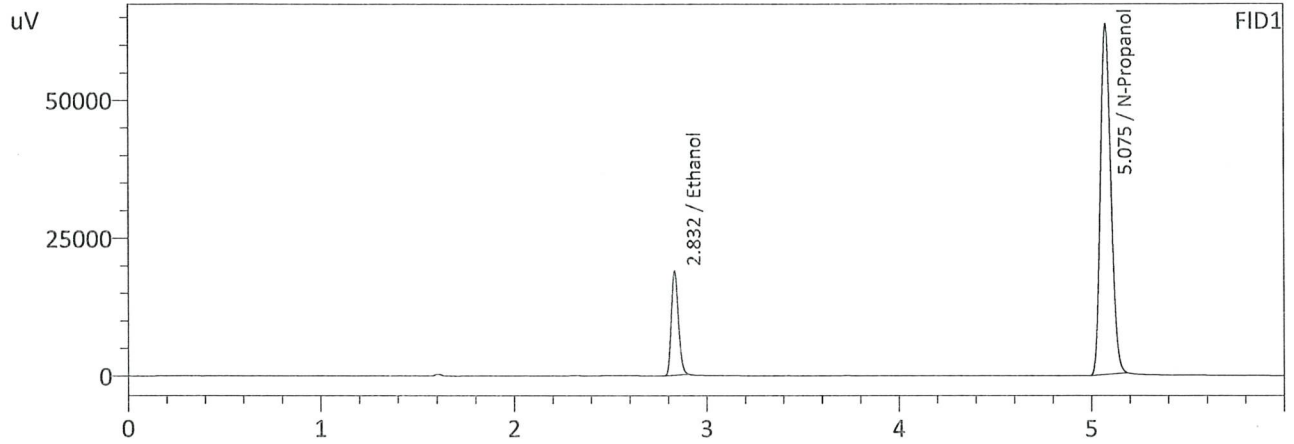
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0534	23122	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234069	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0537	23507	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234948	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100 FN11172002  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:00:58 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

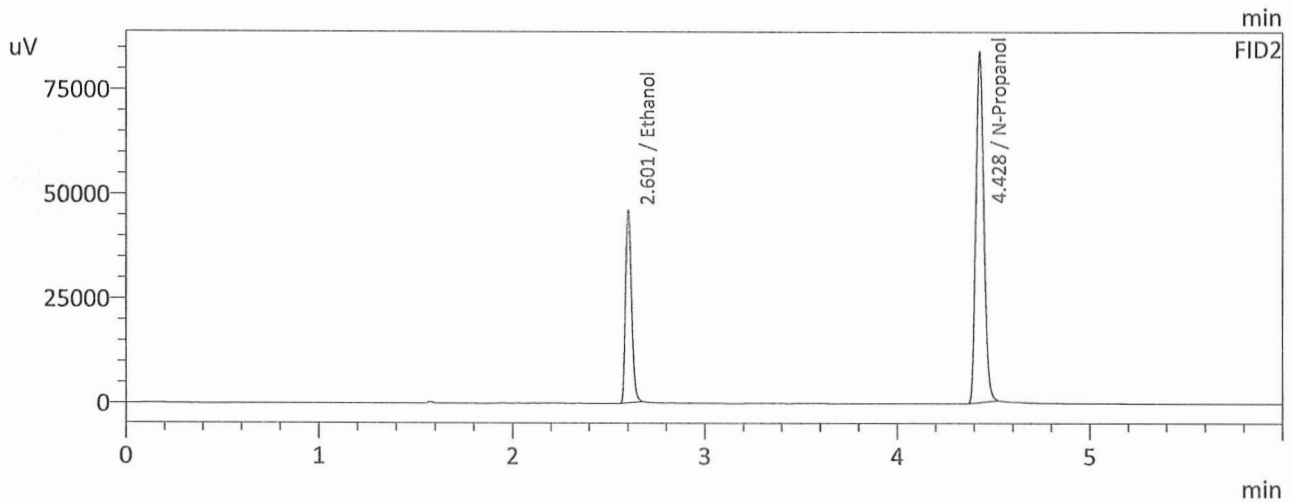
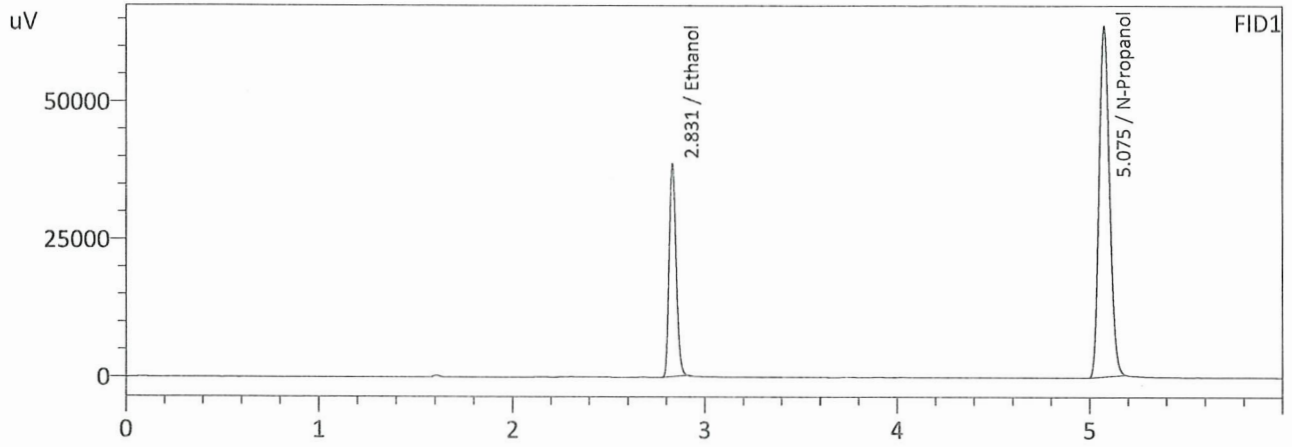
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1005	48272	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237315	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1005	49329	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238402	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.200 FN03132302  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:09:38 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

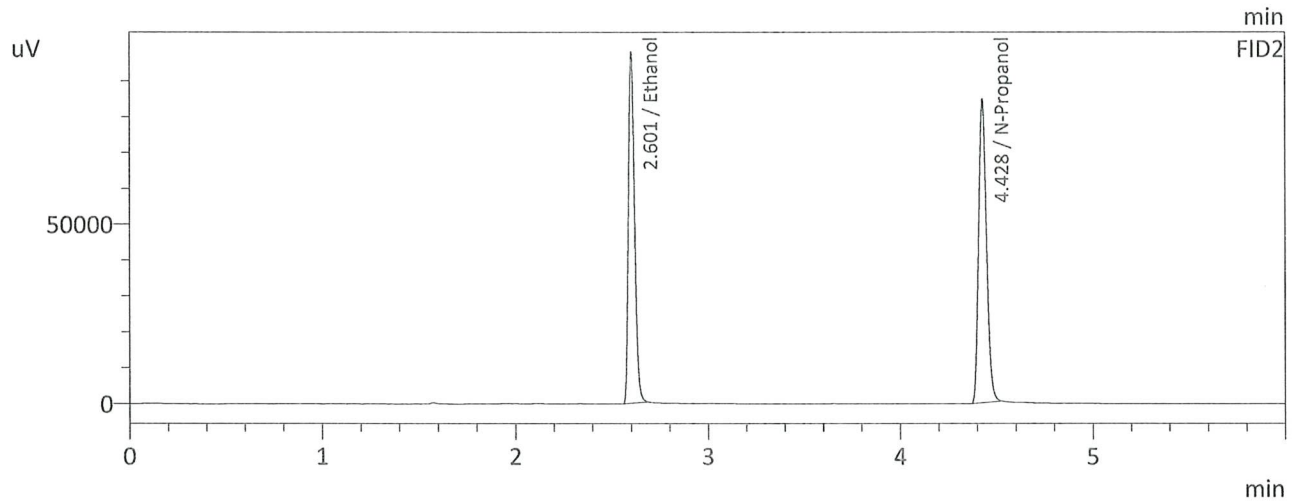
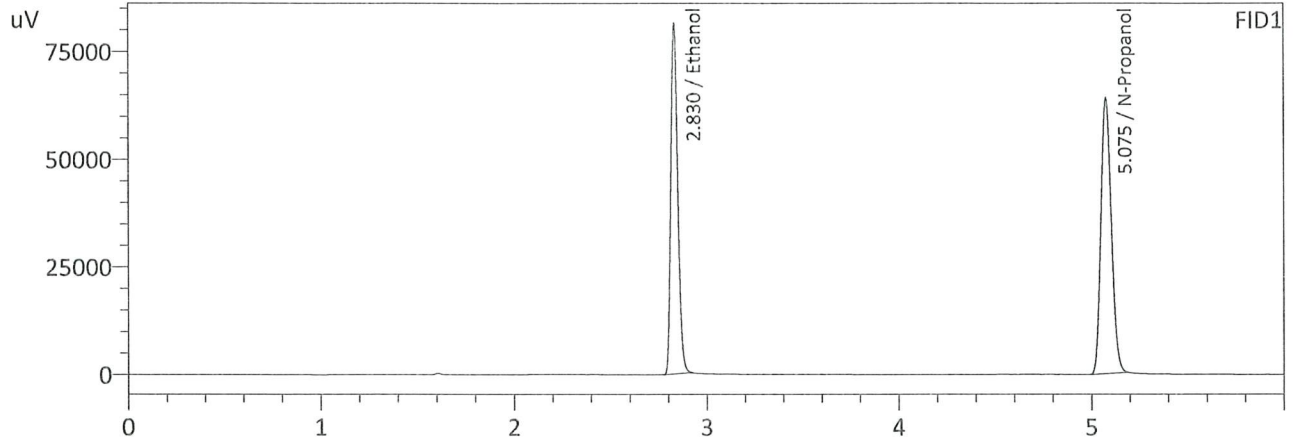
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1950	98081	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237303	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1947	100572	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	238436	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.400 FN03052102  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:20:21 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

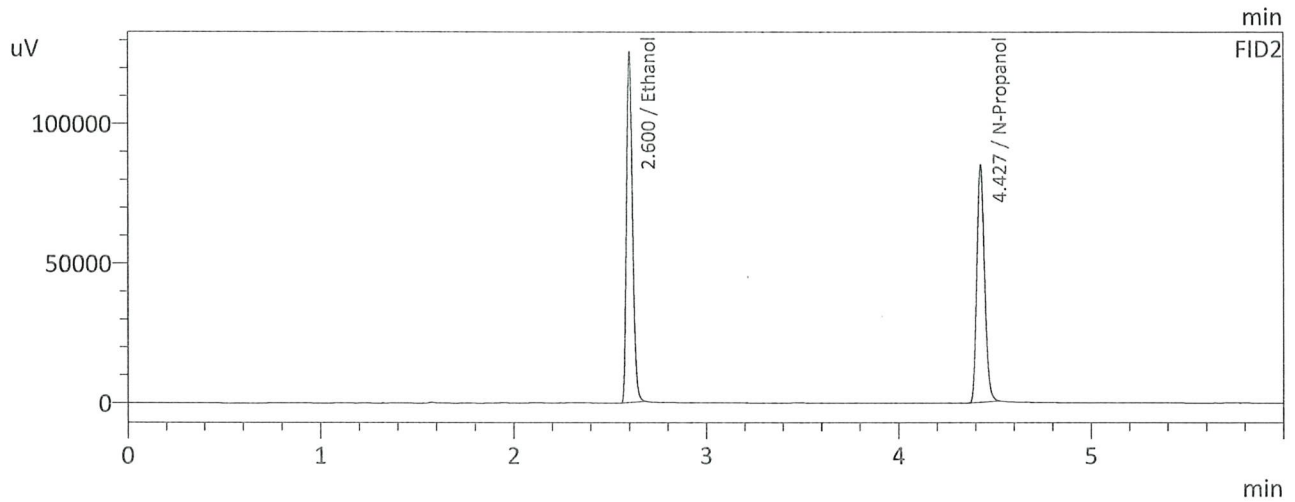
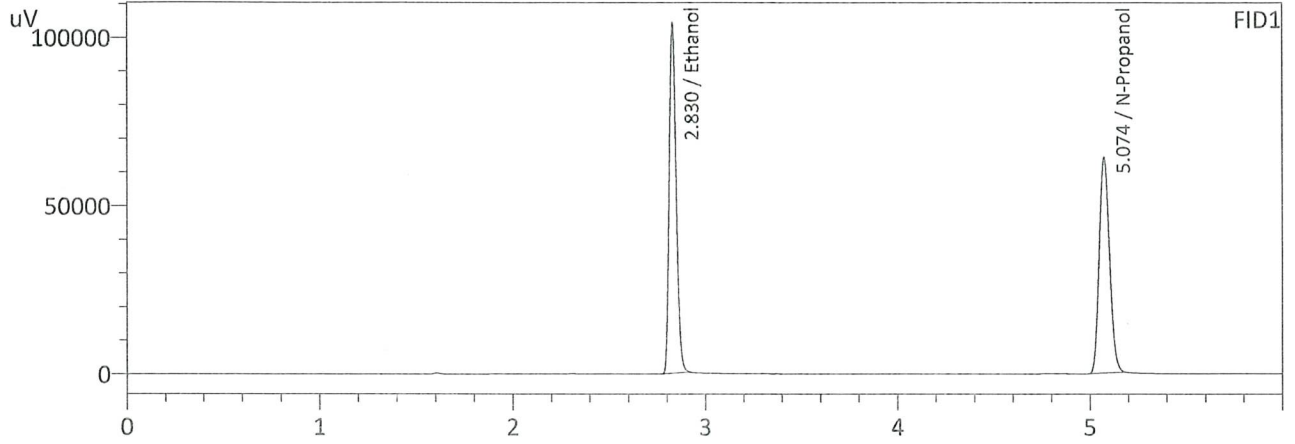
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3968	205619	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238658	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3970	212274	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240241	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.500 FN06262004  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:29:01 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5040	262490	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238681	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5039	271377	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240671	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA LOT# FN06232204

Analysis Date(s): 7/8/2024 5:27:13 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0824	0.0824	0.0000	0.0824	0.0003	0.0822
(g/100cc)	0.0820	0.0822	0.0002	0.0821		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

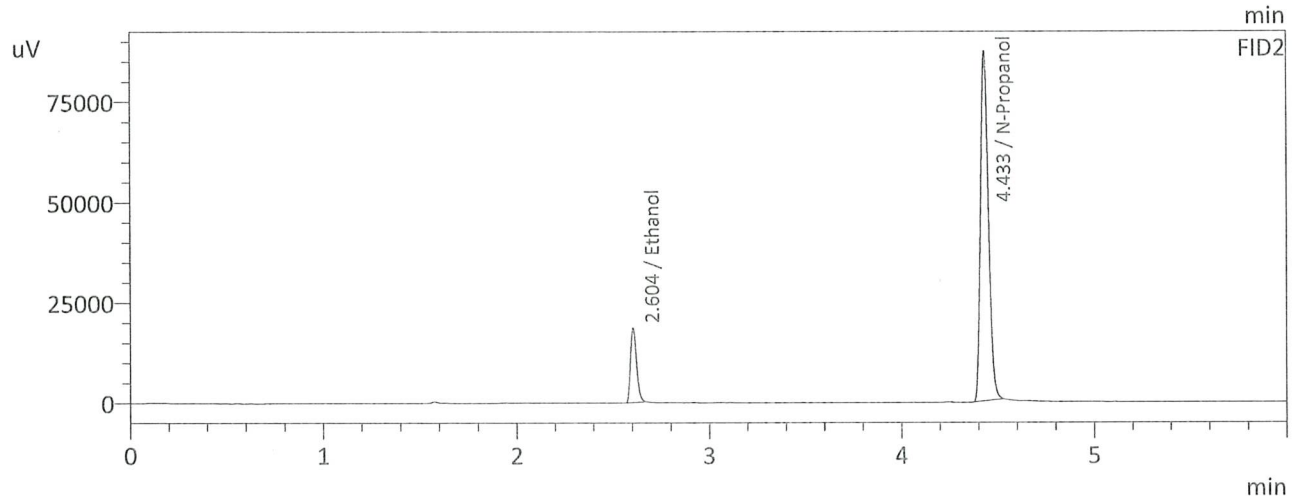
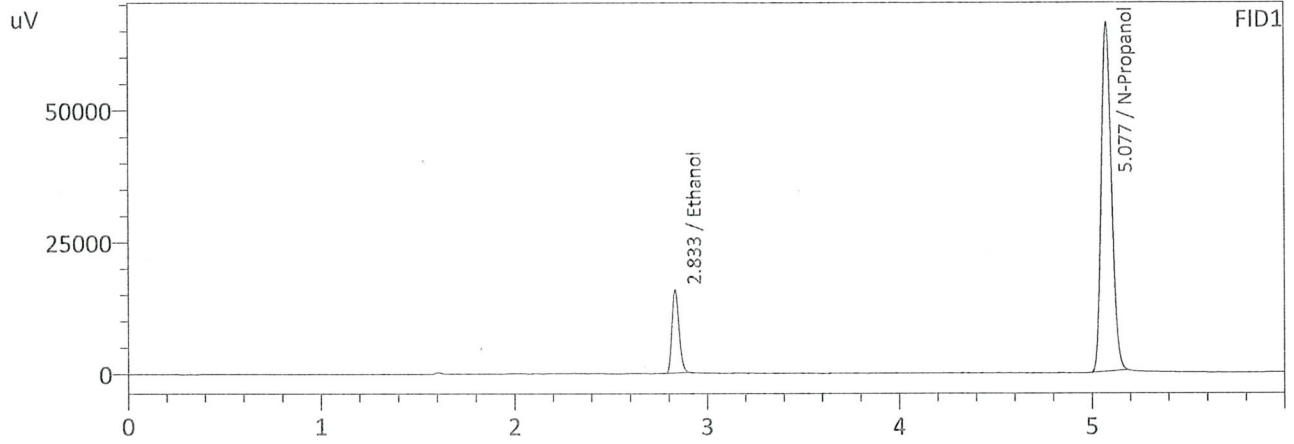
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results	
0.082	

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA LOT# FN06232204  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 5:27:13 PM  
 Vial # : 12  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

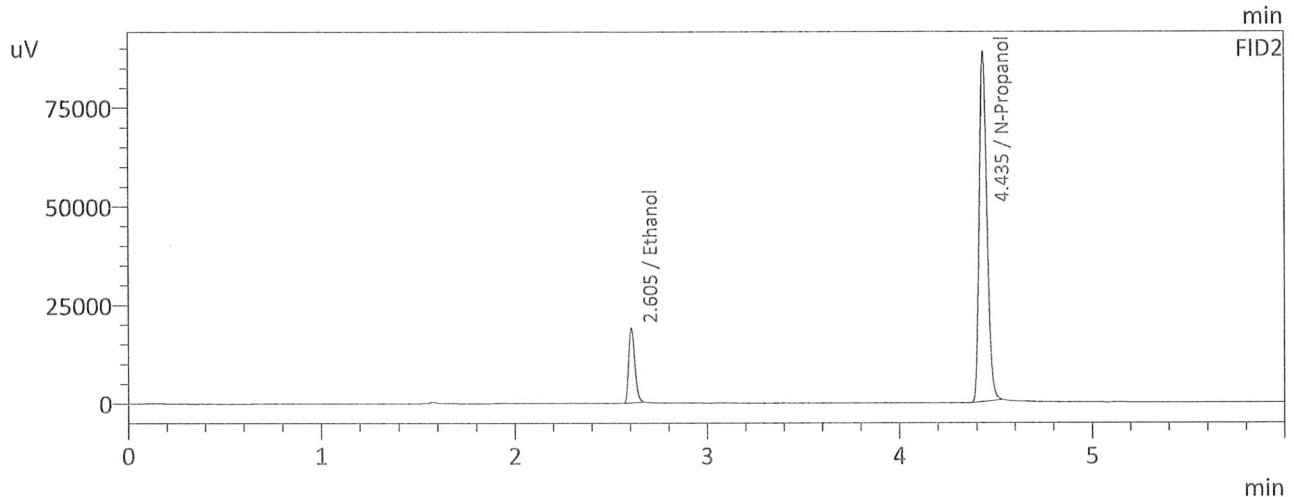
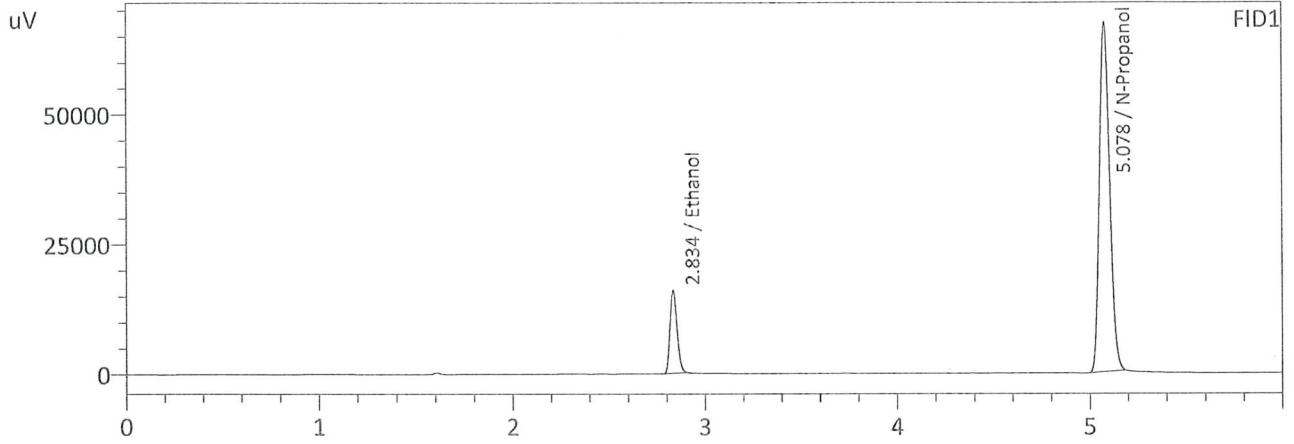
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	40247	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246788	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	41120	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	248144	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B LOT# FN06232204  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 5:37:56 PM  
 Vial # : 13  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	40773	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251209	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	41784	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	253016	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc



99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 7/8/2024 5:07:51 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0831	0.0827	0.0004	0.0829	0.0006	0.0832
(g/100cc)	0.0837	0.0833	0.0004	0.0835		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

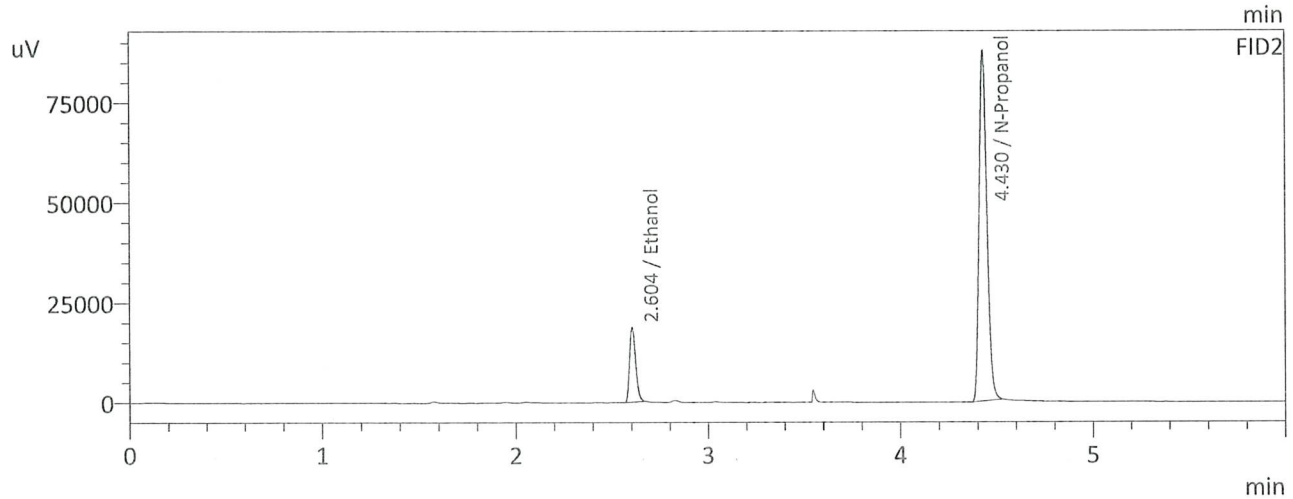
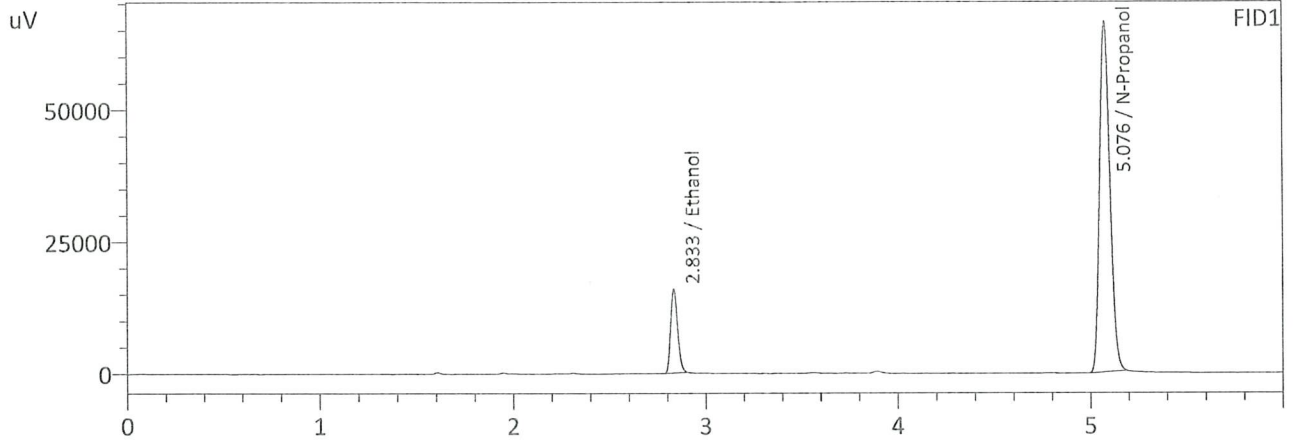
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

	Reported Results
	0.083

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 5:07:51 PM  
 Vial # : 10  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

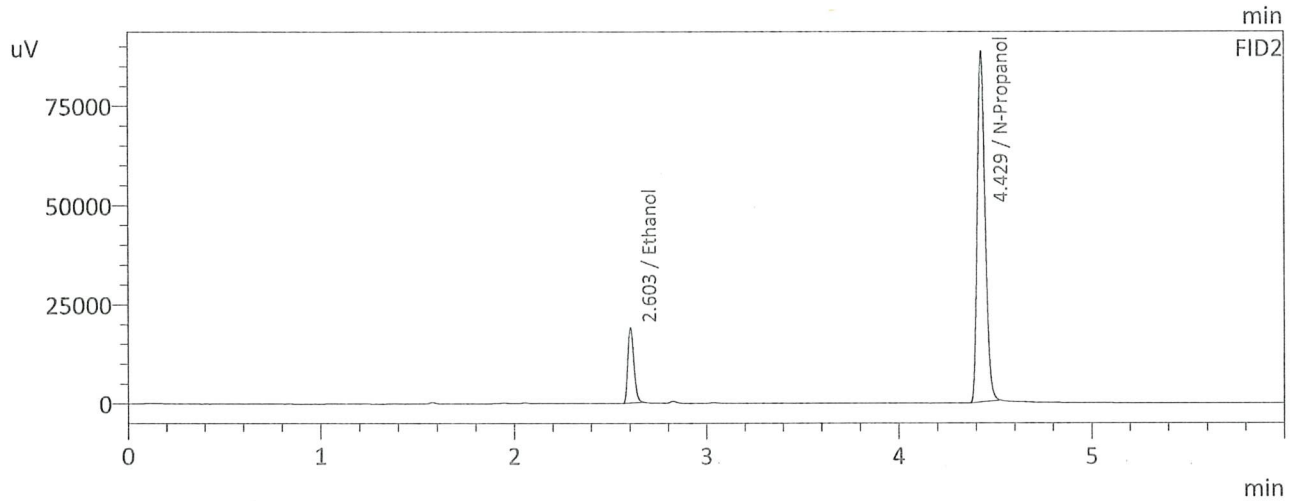
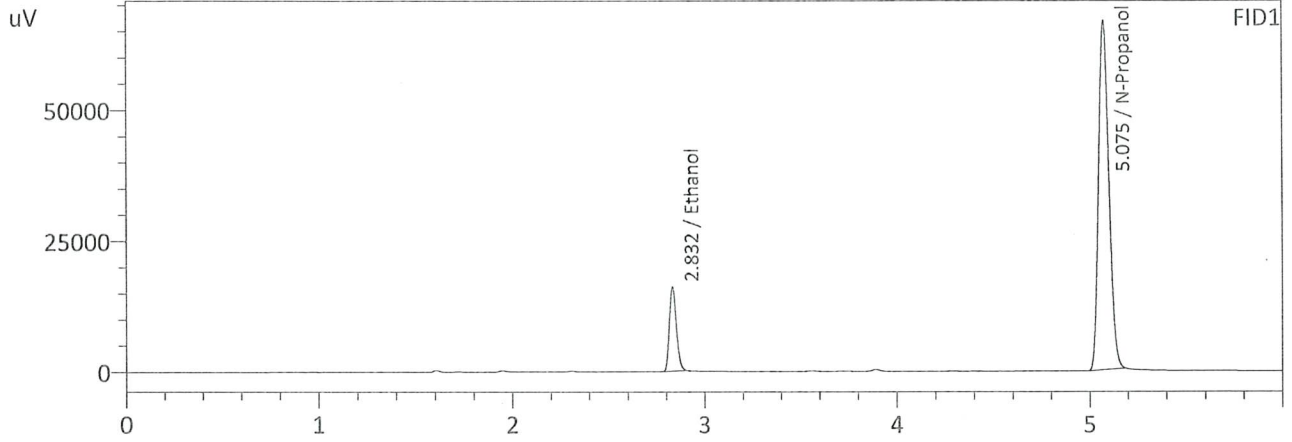
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	40653	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246983	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	41396	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	248958	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 5:18:33 PM  
 Vial # : 11  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0837	41231	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	248470	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0833	41970	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250401	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1		Analysis Date(s): 7/8/2024 8:41:16 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1945	0.1941	0.0004	0.1943	0.0001	0.1942
(g/100cc)	0.1948	0.1936	0.0012	0.1942		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

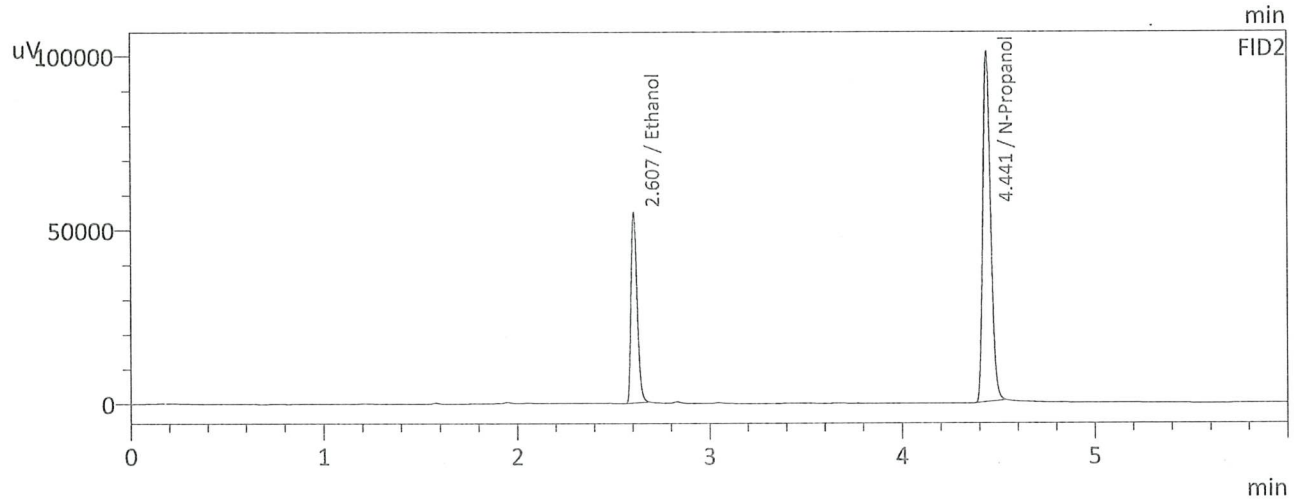
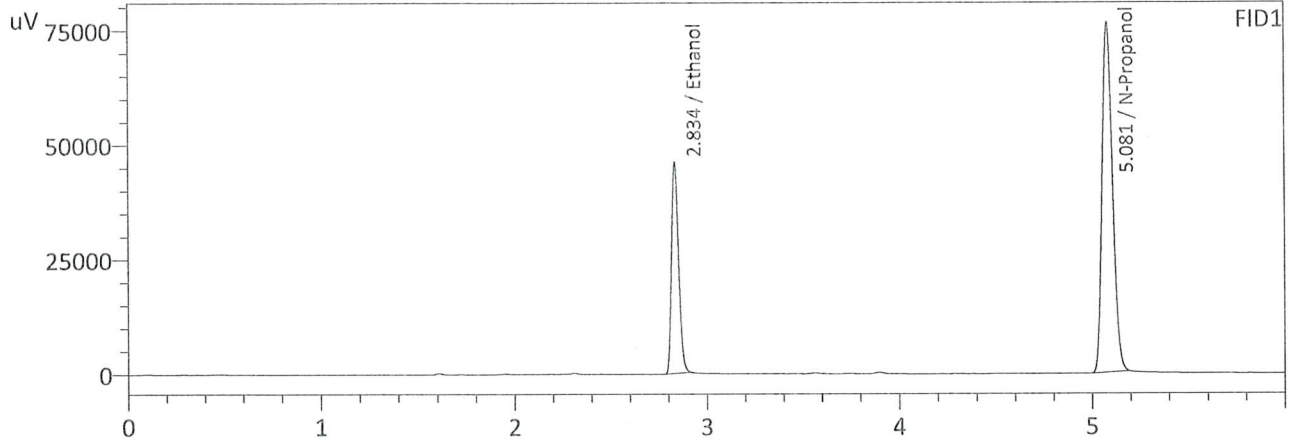
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.194	0.184	0.204	0.010

Reported Results	
0.194	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 8:41:16 PM  
 Vial # : 32  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

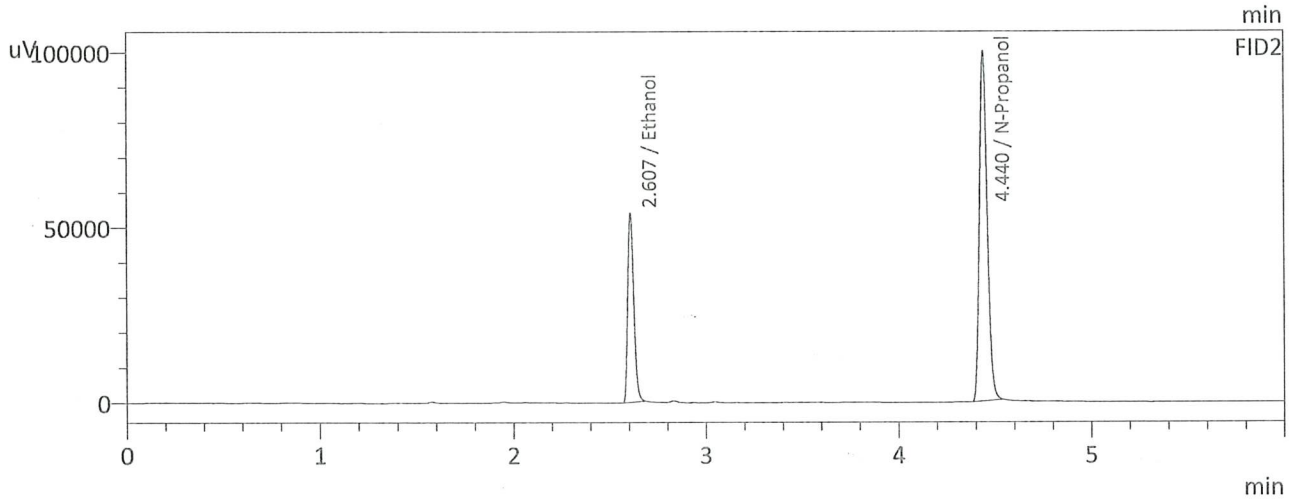
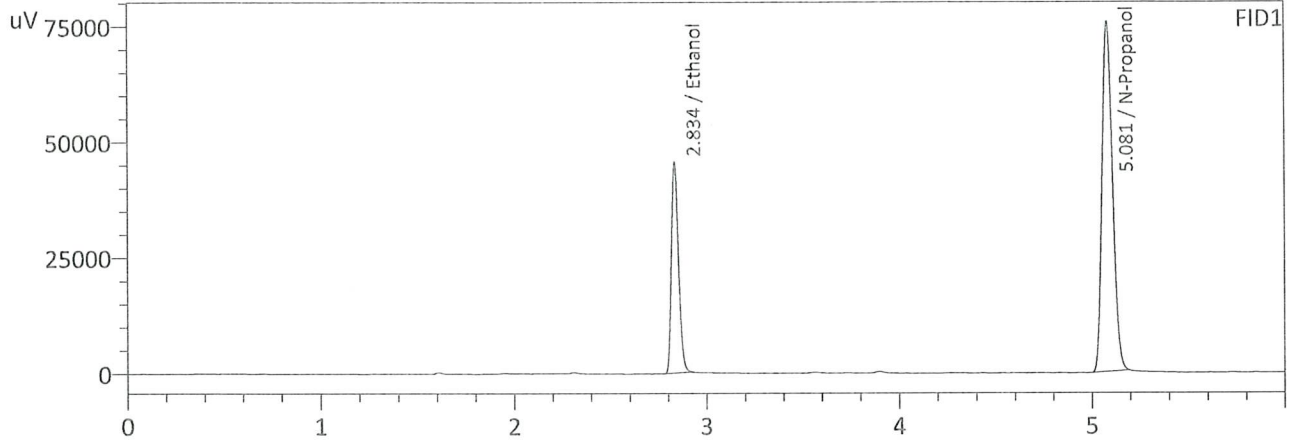
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1945	117435	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	284939	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1941	120383	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	286323	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 8:51:59 PM  
 Vial # : 33  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1948	116455	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	282123	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1936	118963	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283689	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 7/8/2024 11:16:36 PM(-07:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.1936	0.1928	0.0008	0.1932	0.0012	0.1938
(g/100cc)	0.1948	0.1940	0.0008	0.1944		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

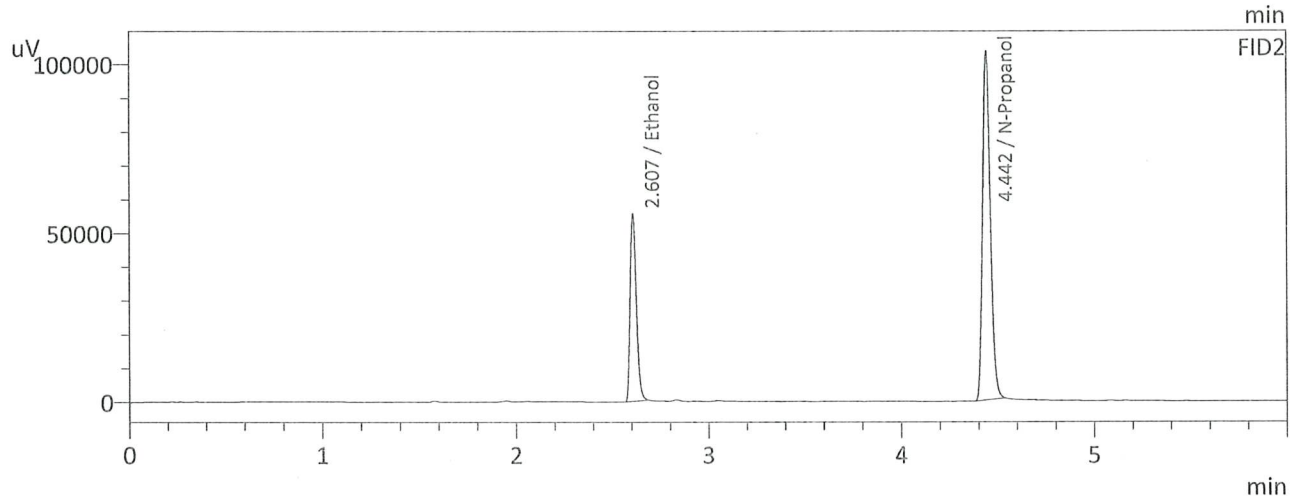
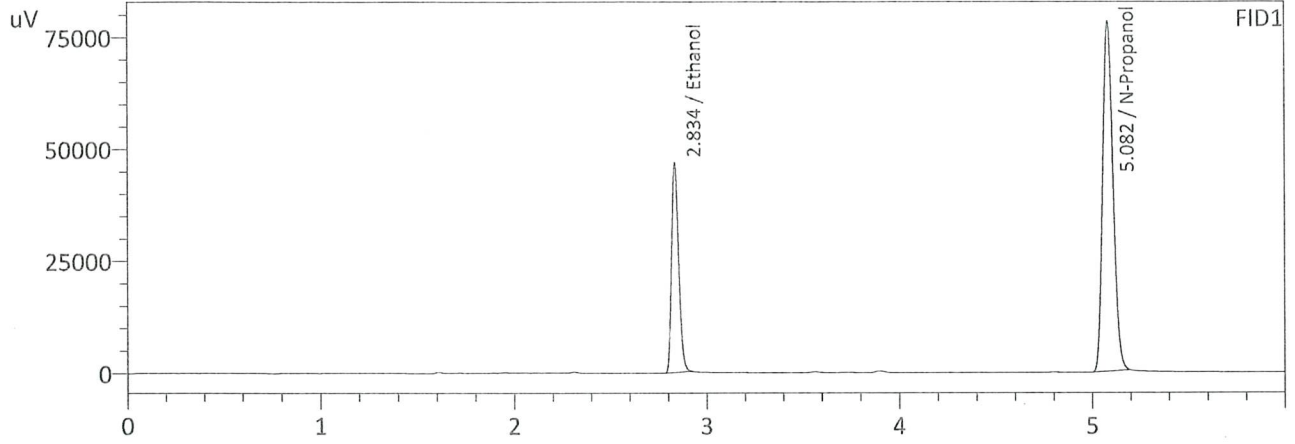
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.193	0.183	0.203	0.010

Reported Results	
0.193	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 11:16:36 PM  
 Vial # : 48  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1936	119673	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	291732	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

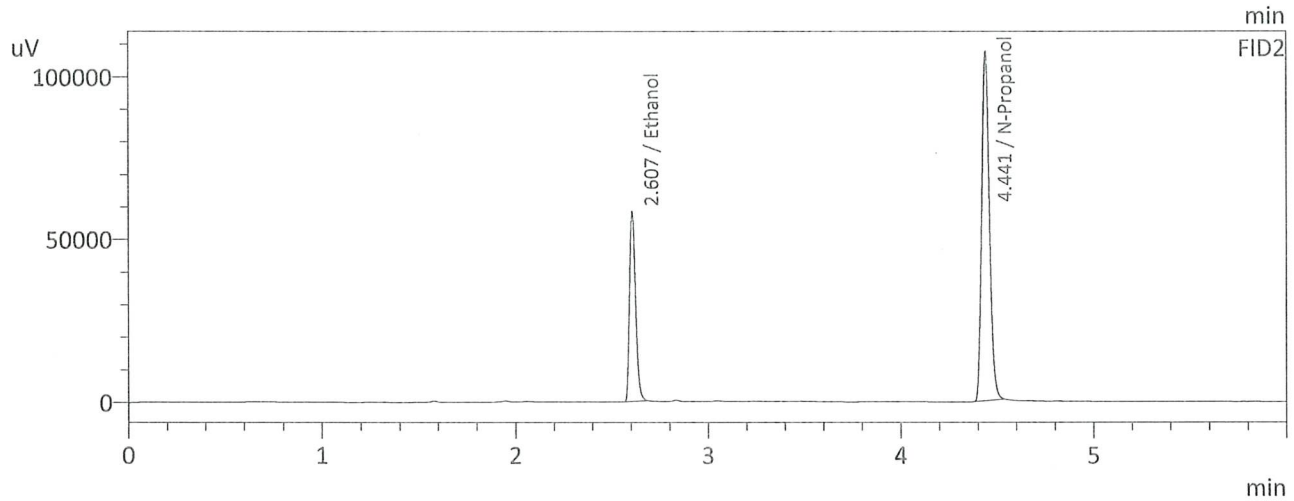
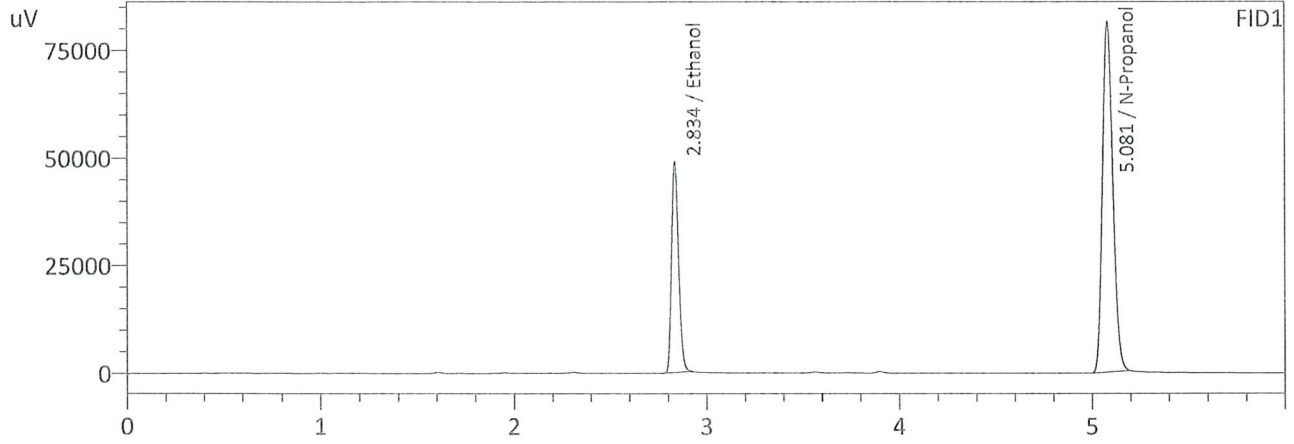
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1928	122482	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	293364	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc



99

Sample Name : QC-2-2-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 11:27:21 PM  
 Vial # : 49  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

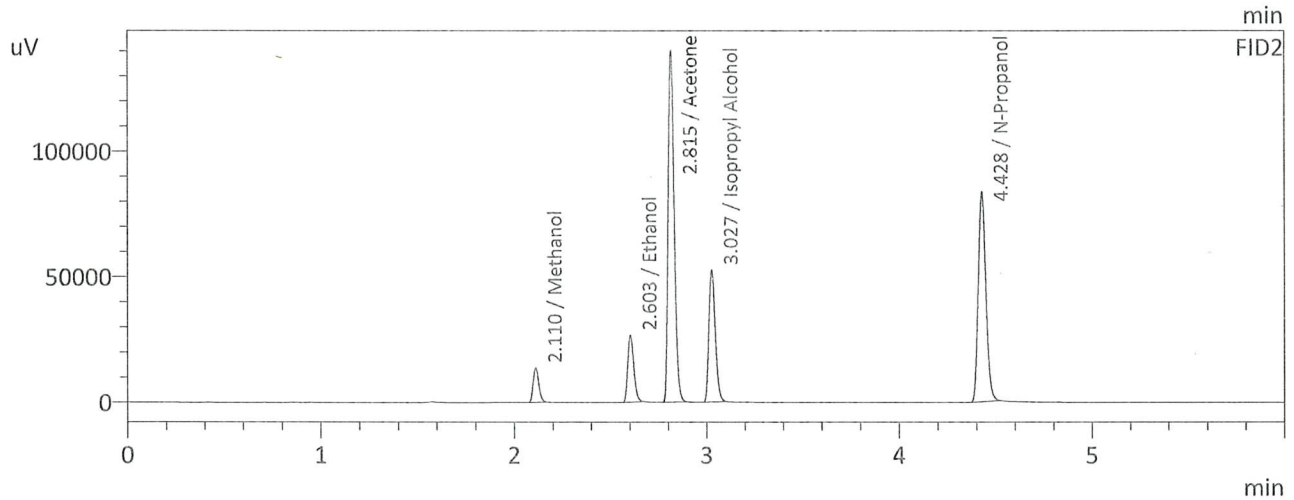
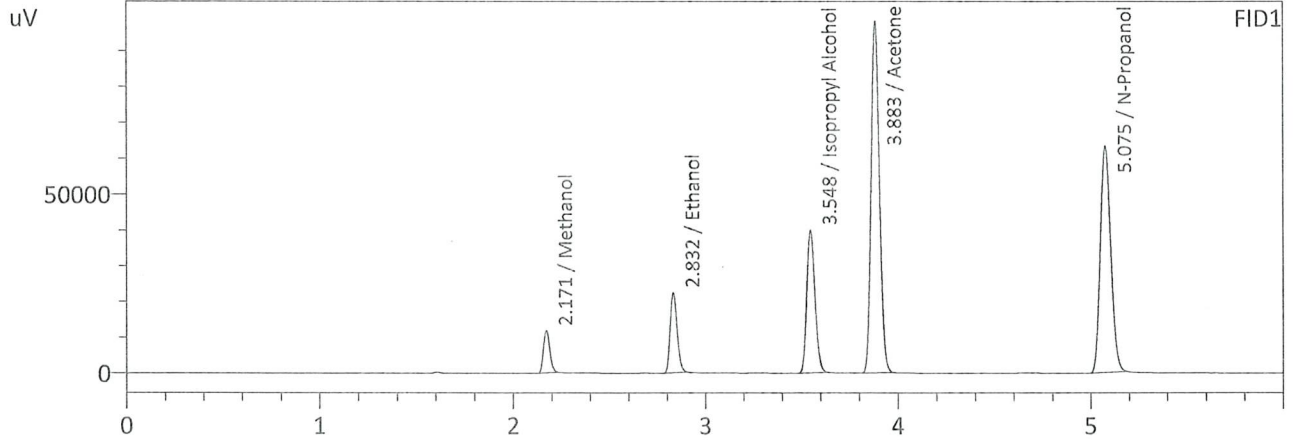
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1948	125072	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	302901	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1940	128075	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	304714	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX LOT# FN05302307  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:48:26 PM  
 Vial # : 8  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

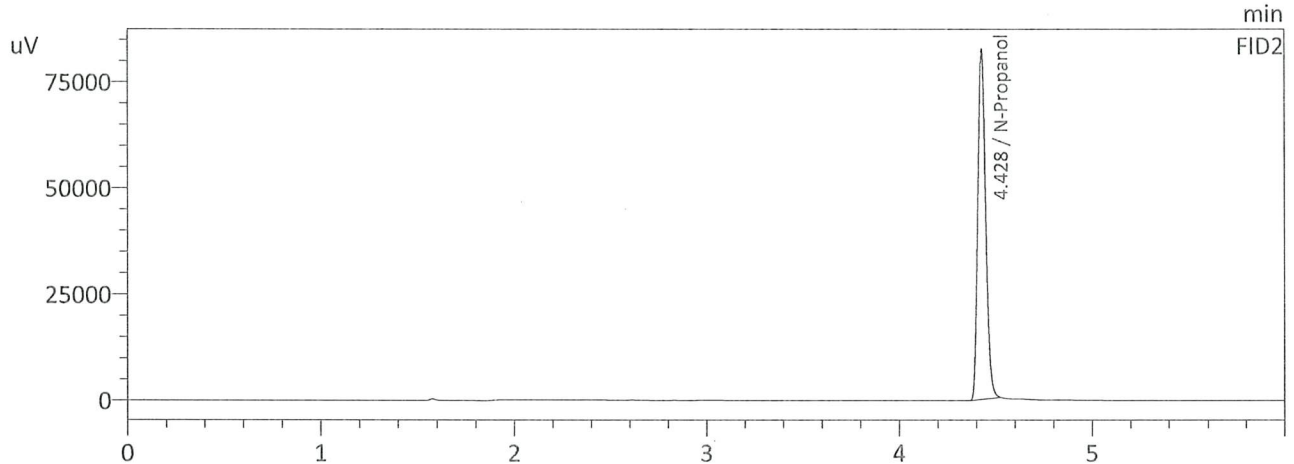
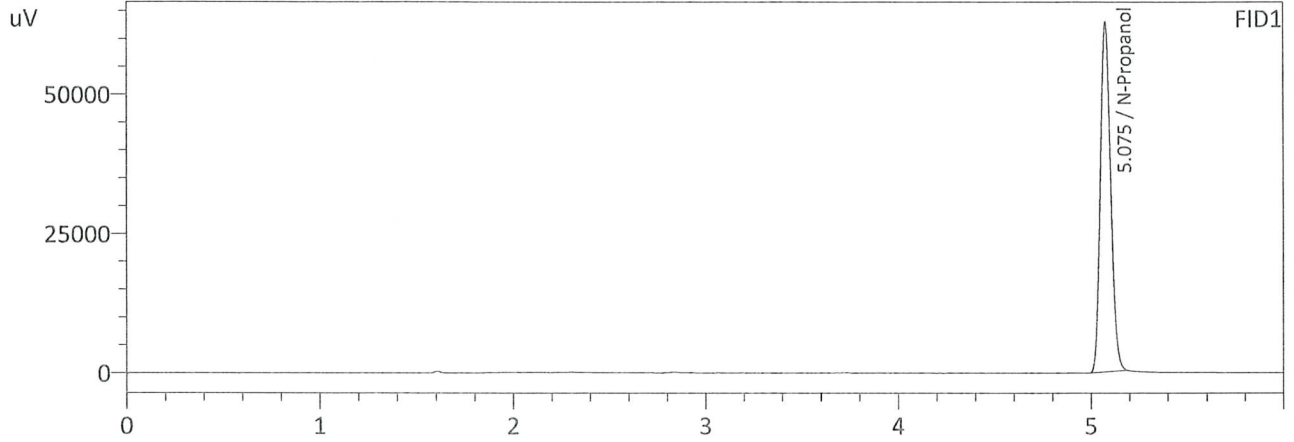
Name	Conc.	Area	Unit
Methanol	1.0000	27091	g/100cc
Ethanol	0.1179	57142	g/100cc
Isopropyl Alcohol	1.0000	119830	g/100cc
Acetone	1.0000	298566	g/100cc
N-Propanol	0.0000	236123	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	28321	g/100cc
Ethanol	0.1180	58476	g/100cc
Acetone	1.0000	309292	g/100cc
Isopropyl Alcohol	1.0000	121944	g/100cc
N-Propanol	0.0000	236955	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1  
 Laboratory : Coeur d'Alene Lab  
 Injection Date : 7/8/2024 3:41:35 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

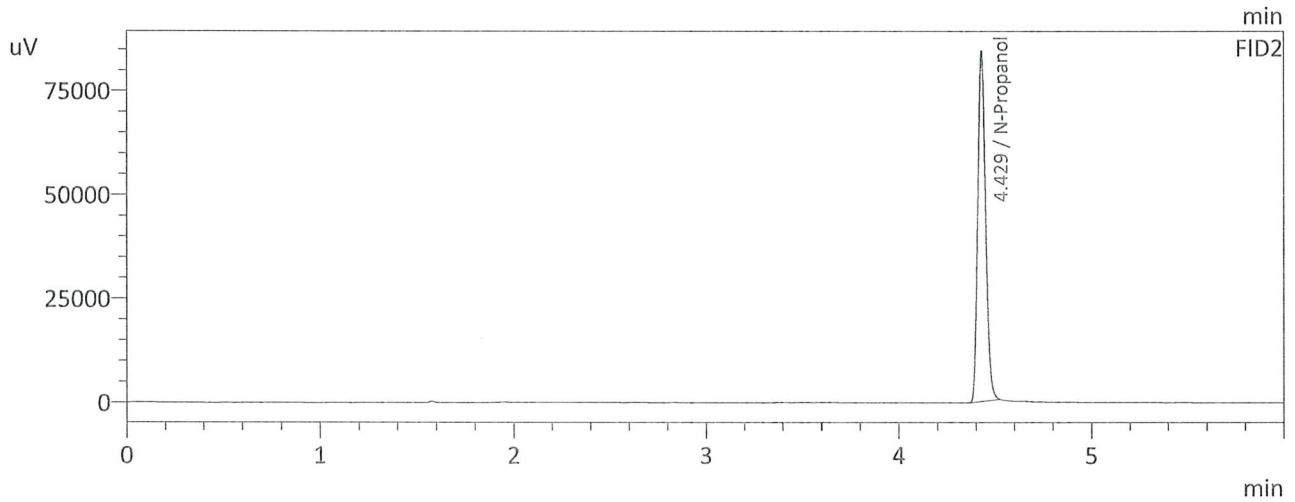
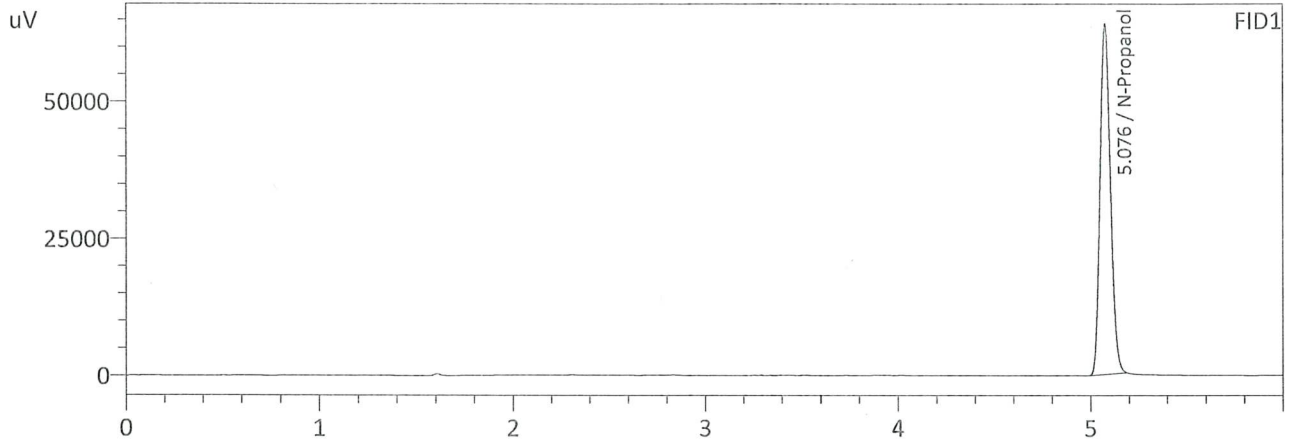
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	234196	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	235227	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:39:46 PM  
 Vial # : 7  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

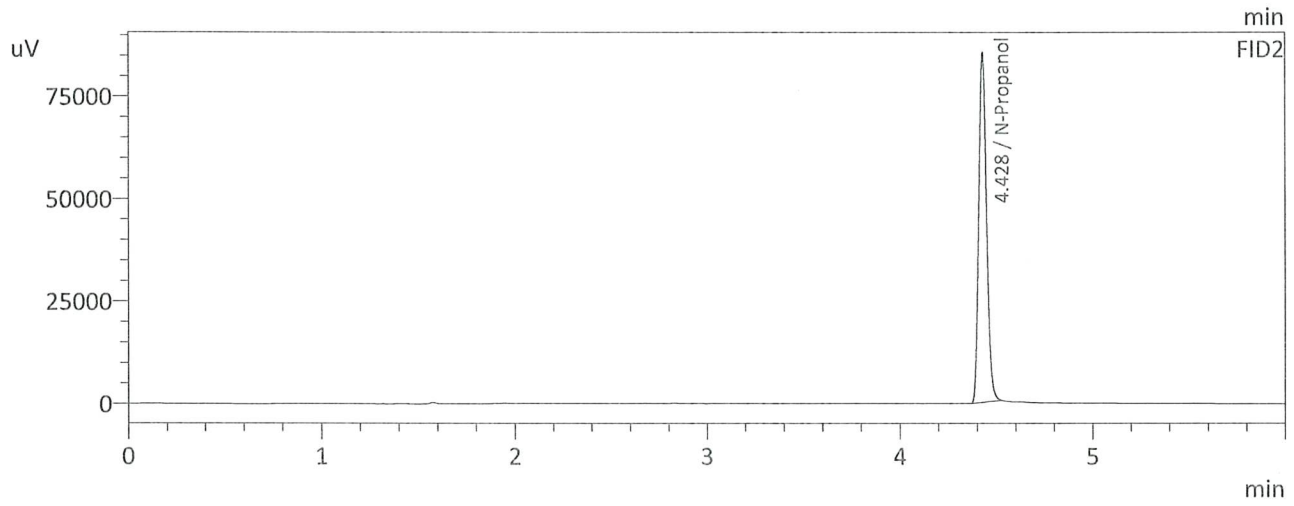
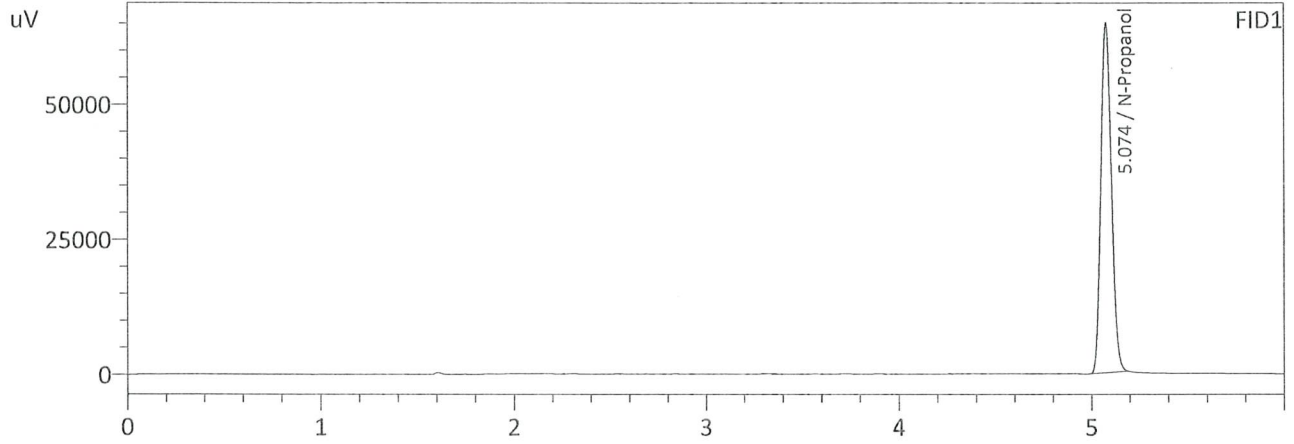
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	238301	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	239441	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 7/8/2024 4:59:09 PM  
 Vial # : 9  
 Method Filename : Default Project - ALCOHOL.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

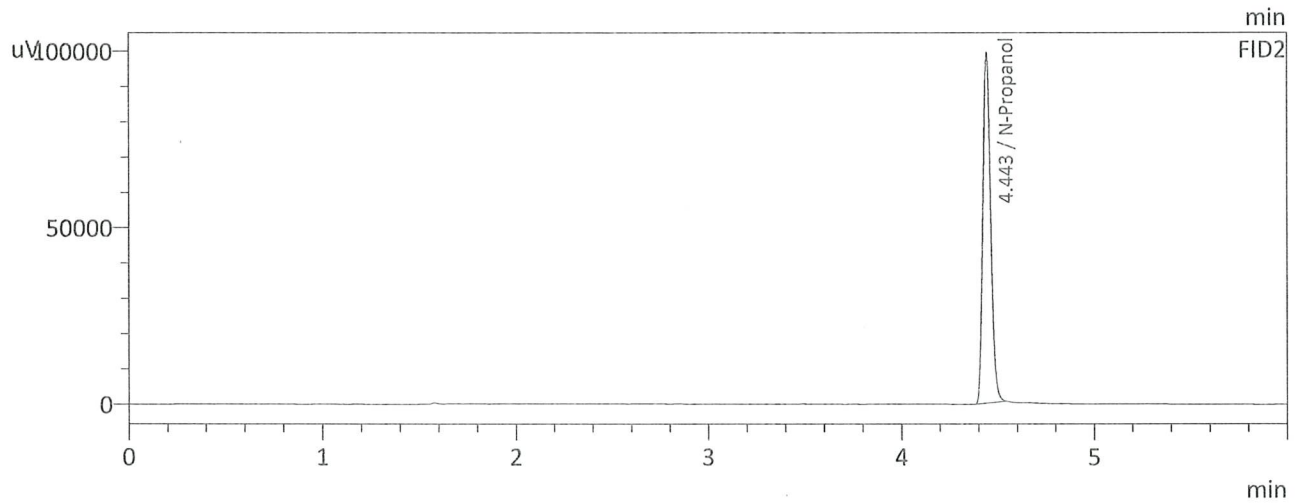
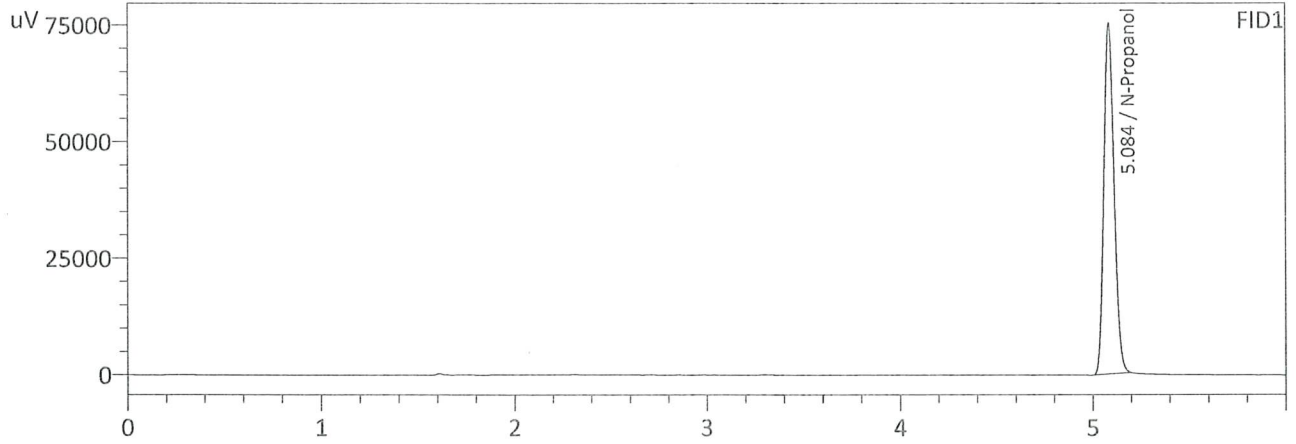
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	241739	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	242586	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4  
 Laboratory : Coeur d'Alene Lab  
 Injection Date : 7/8/2024 11:35:51 PM  
 Vial # : 50  
 Method Filename : Default Project - ALCOHOL.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	280285	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	281727	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc