























**REVIEWED**  
*By Galina Giso at 9:43 am, May 03, 2024*

5/1/2024

**Worklist: 6794**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-0714	1	BCK	Alcohol Analysis	
C2024-0724	1	BCK	Alcohol Analysis	
C2024-0746	1	BCK	Alcohol Analysis	
C2024-0755	1	BCK	Alcohol Analysis	
C2024-0758	1	BCK	Alcohol Analysis	
C2024-0760	1	BCK	Alcohol Analysis	
C2024-0767	1	BCK	Alcohol Analysis	
C2024-0784	1	BCK	Alcohol Analysis	
C2024-0788	1	BCK	Alcohol Analysis	
C2024-0789	1	BCK	Alcohol Analysis	
C2024-0791	1	BCK	Alcohol Analysis	
C2024-0793	1	BCK	Alcohol Analysis	
C2024-0797	1	BCK	Alcohol Analysis	
C2024-0798	1	BCK	Alcohol Analysis	
C2024-0802	1	BLOOD	Alcohol Analysis	
C2024-0803	1	BCK	Alcohol Analysis	
C2024-0805	1	BCK	Alcohol Analysis	
C2024-0811	1	BCK	Alcohol Analysis	
C2024-0840	1	BCK	Alcohol Analysis	
C2024-0843	1	BCK	Alcohol Analysis	

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# 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 Long.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL Long.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL Long.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL Long.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL Long.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL Long.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL Long.gcm
2	0.050 FN03172301	1:Standard:(R)	1	ALCOHOL Long.gcm
3	0.100 FN11172002	1:Standard:(R)	2	ALCOHOL Long.gcm
4	0.200 FN02052101	1:Standard:(R)	3	ALCOHOL Long.gcm
5	0.400 FN03052102	1:Standard:(R)	4	ALCOHOL Long.gcm
6	0.500 FN06262004	1:Standard:(R)	5	ALCOHOL Long.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL Long.gcm
8	I-COMP MIX LOT# FN011	1:Standard:(R)	6	ALCOHOL Long.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL Long.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL Long.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL Long.gcm
12	0.08 QA LOT# FN06232204	0:Unknown	0	ALCOHOL Long.gcm
13	0.08 QA - B LOT# FN062322	0:Unknown	0	ALCOHOL Long.gcm
14	C2024-0714-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2024-0714-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2024-0724-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2024-0724-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2024-0746-1	0:Unknown	0	ALCOHOL Long.gcm
19	C2024-0746-1-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2024-0755-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2024-0755-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2024-0758-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2024-0758-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2024-0760-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2024-0760-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2024-0767-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2024-0767-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2024-0784-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2024-0784-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2024-0788-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2024-0788-1-B	0:Unknown	0	ALCOHOL Long.gcm
32	QC-2-1	0:Unknown	0	ALCOHOL Long.gcm
33	QC-2-1-B	0:Unknown	0	ALCOHOL Long.gcm
34	C2024-0789-1	0:Unknown	0	ALCOHOL Long.gcm
35	C2024-0789-1-B	0:Unknown	0	ALCOHOL Long.gcm
36	C2024-0791-1	0:Unknown	0	ALCOHOL Long.gcm
37	C2024-0791-1-B	0:Unknown	0	ALCOHOL Long.gcm
38	C2024-0793-1	0:Unknown	0	ALCOHOL Long.gcm
39	C2024-0793-1-B	0:Unknown	0	ALCOHOL Long.gcm
40	C2024-0797-1	0:Unknown	0	ALCOHOL Long.gcm
41	C2024-0797-1-B	0:Unknown	0	ALCOHOL Long.gcm
42	C2024-0798-1	0:Unknown	0	ALCOHOL Long.gcm
43	C2024-0798-1-B	0:Unknown	0	ALCOHOL Long.gcm
44	C2024-0802-1	0:Unknown	0	ALCOHOL Long.gcm
45	C2024-0802-1-B	0:Unknown	0	ALCOHOL Long.gcm
46	C2024-0803-1	0:Unknown	0	ALCOHOL Long.gcm
47	C2024-0803-1-B	0:Unknown	0	ALCOHOL Long.gcm
48	C2024-0805-1	0:Unknown	0	ALCOHOL Long.gcm
49	C2024-0805-1-B	0:Unknown	0	ALCOHOL Long.gcm
50	C2024-0811-1	0:Unknown	0	ALCOHOL Long.gcm
51	C2024-0811-1-B	0:Unknown	0	ALCOHOL Long.gcm
52	C2024-0840-1	0:Unknown	0	ALCOHOL Long.gcm
53	C2024-0840-1-B	0:Unknown	0	ALCOHOL Long.gcm

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Vial#	Sample Name	Sample Type	Level#	Method File
54	QC-1-2	0:Unknown	0	ALCOHOL Long.gcm
55	QC-1-2-B	0:Unknown	0	ALCOHOL Long.gcm
56	C2024-0843-1	0:Unknown	0	ALCOHOL Long.gcm
57	C2024-0843-1-B	0:Unknown	0	ALCOHOL Long.gcm
58	QC-2-2	0:Unknown	0	ALCOHOL Long.gcm
59	QC-2-2-B	0:Unknown	0	ALCOHOL Long.gcm
60	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.gcm

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**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):****5-1-2024****Calibration Date:** *(if different)***Worklist #****6794**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0801 g/100cc	
					0.0804 g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1913 g/100cc	
					0.1986 g/100cc	
					g/100cc	
<b>Multi-Component mixture:</b>		<b>Exp:</b>	January 31, 2026	<b>Lot #</b>	FN01212104	OK
<b>Curve Fit:</b>			<b>Column 1</b>	0.99959	<b>Column2</b>	0.99951

**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	0.0539	0.0005	0.0536
100	0.100	0.090 - 0.110	0.0999	0.0998	0.0001	0.0998
200	0.200	0.180 - 0.220	0.1963	0.1955	0.0008	0.1959
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3959	0.3960	0.0001	0.3959
500	0.500	0.450 - 0.550	0.5043	0.5045	0.0002	0.5044

**Aqueous Controls**

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.083 g/100cc

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### Internal Standard Monitoring Worksheet

<b>Worklist #:</b>	<b>6794</b>	<b>Run Date(s):</b>	<b>5-1-2024</b>
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Internal Standard Solution: Lot# A014463901	Prep Date: 2/29/2024	Exp Date: 8/29/2024
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Sample Name	Column 1 Value	Column 2 Value
0.080	256395	261314
0.080	257676	262259
QC1	254245	259448
QC1	255743	261105
QC1	281725	287725
QC1	295653	302045
QC1		
QC1		
QC2	281143	286671
QC2	291779	298341
QC2	284264	290282
QC2	282893	289453
QC2		
QC2		

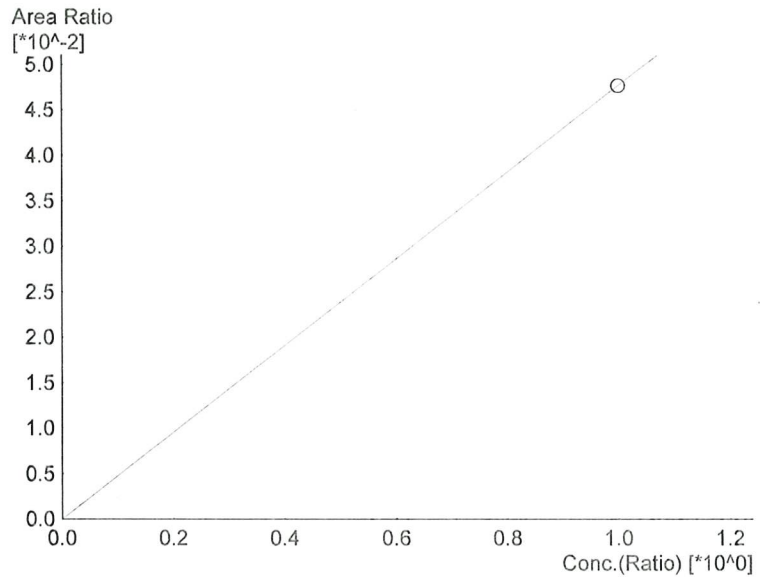
	Average	(-)20%	(+20%
Column 1	274151.6	219321.3	328981.9
Column 2	279864.3	223891.4	335837.2

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## Calibration Table

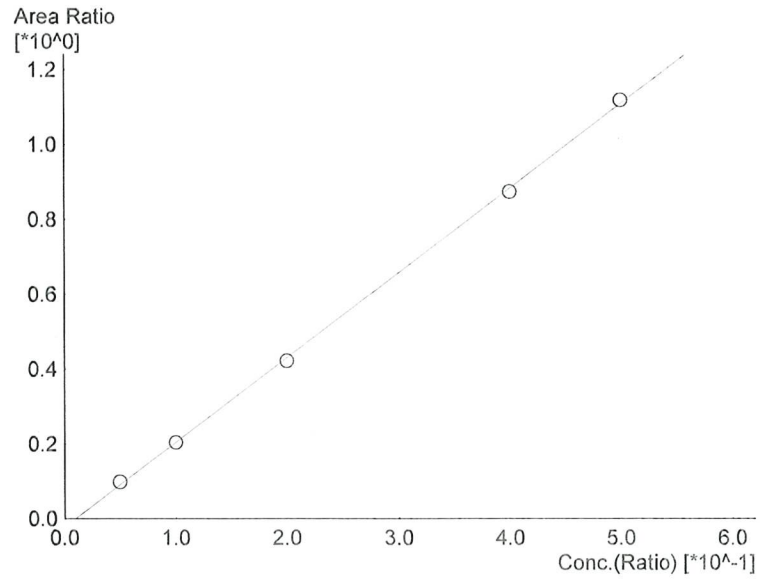
Laboratory : Coeur d' Alene  
 Instrument Name : BML8F33-Instrument1  
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>  
 Method File :Default Project - ALCOHOL Long.gcm  
 Batch File :Default Project - 5-1-24.gcb  
 Date Acquired :5/1/2024 6:32:38 PM  
 Date Created :5/1/2024 6:30:02 PM  
 Date Modified :5/1/2024 6:38:40 PM



Name : Methanol  
 Detector Name: FID1  
 Function :  $f(x)=0.0476735*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

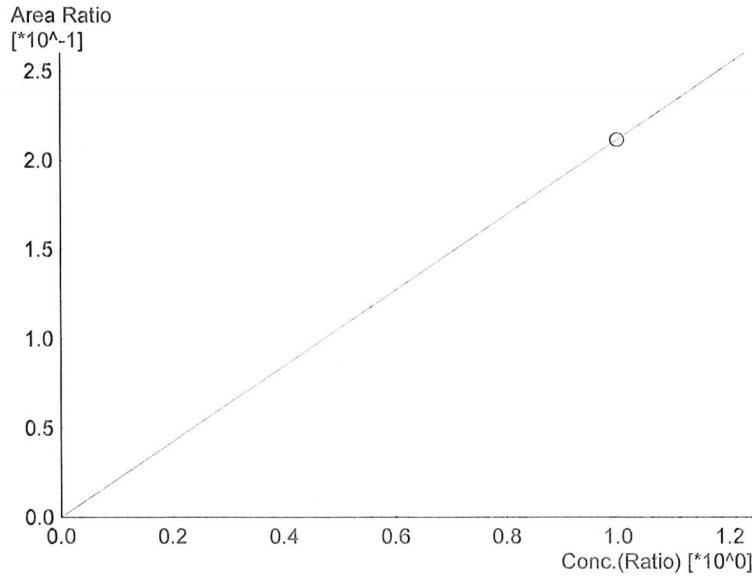
#	Conc.	Area	Std. Conc.
6	1.000	11812	1.0000



Name : Ethanol  
 Detector Name: FID1  
 Function :  $f(x)=2.26446*x-0.0223258$   
 R<sup>2</sup> value= 0.9995999  
 FitType: Linear  
 ZeroThrough: Not Through

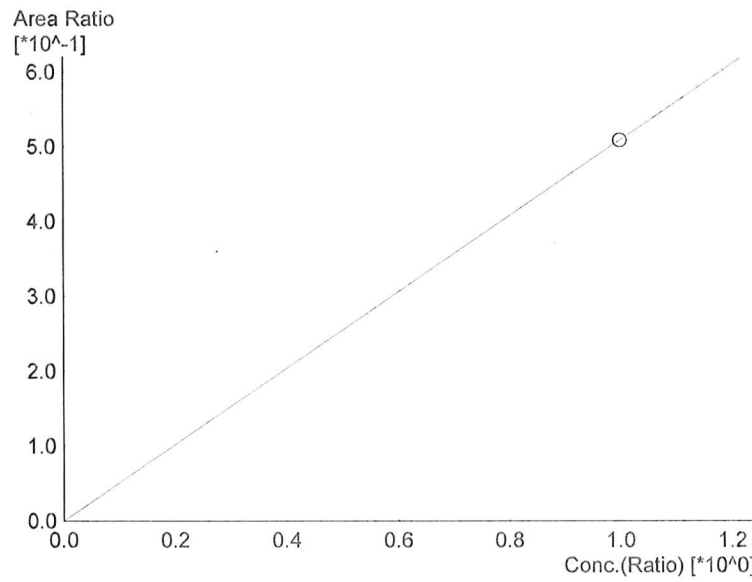
#	Conc.	Area	Std. Conc.
1	0.050	23654	0.0534
2	0.100	48832	0.0999
3	0.200	103573	0.1963
4	0.400	215942	0.3959
5	0.500	277394	0.5043

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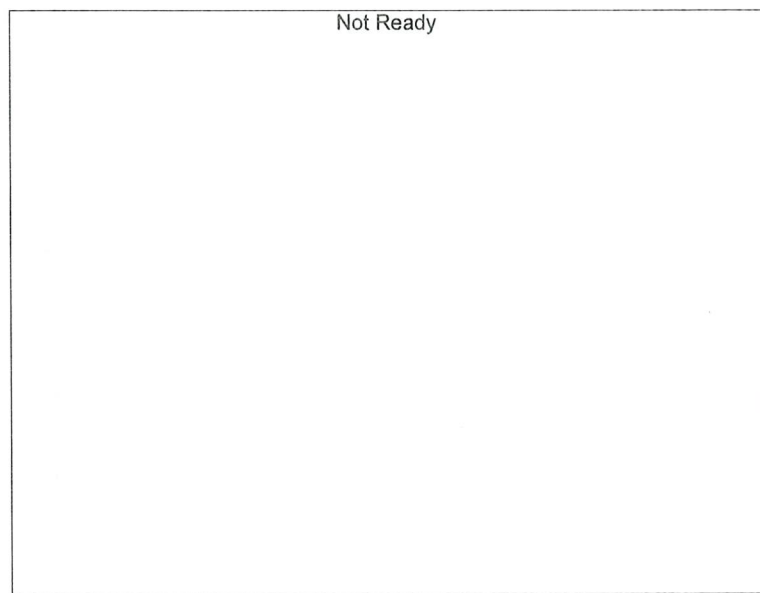
Name : Isopropyl Alcohol  
Detector Name: FID1  
Function :  $f(x)=0.211553*x+0$   
R<sup>2</sup> value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	52415	1.0000



Name : Acetone  
Detector Name: FID1  
Function :  $f(x)=0.509025*x+0$   
R<sup>2</sup> value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

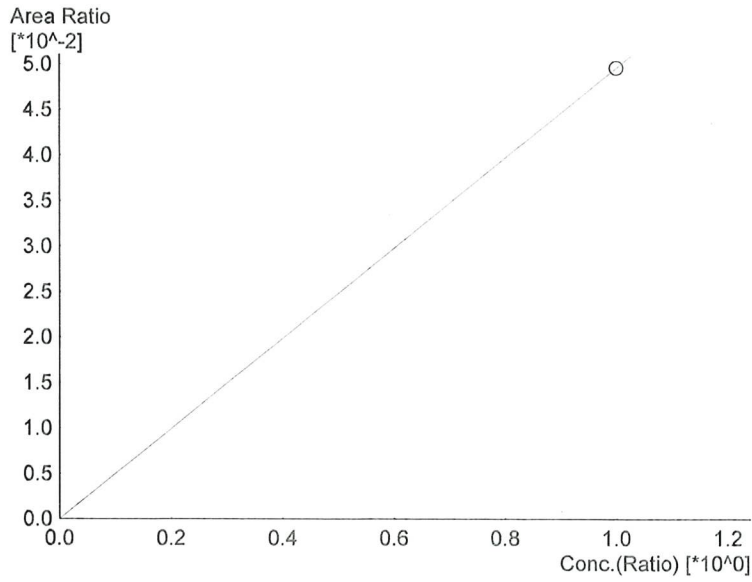
#	Conc.	Area	Std. Conc.
6	1.000	126118	1.0000



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

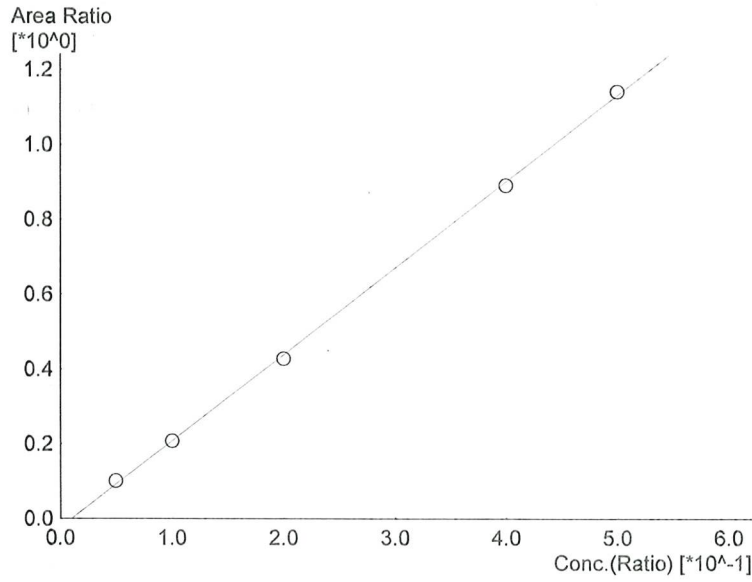
#	Conc.	Area	Std. Conc.
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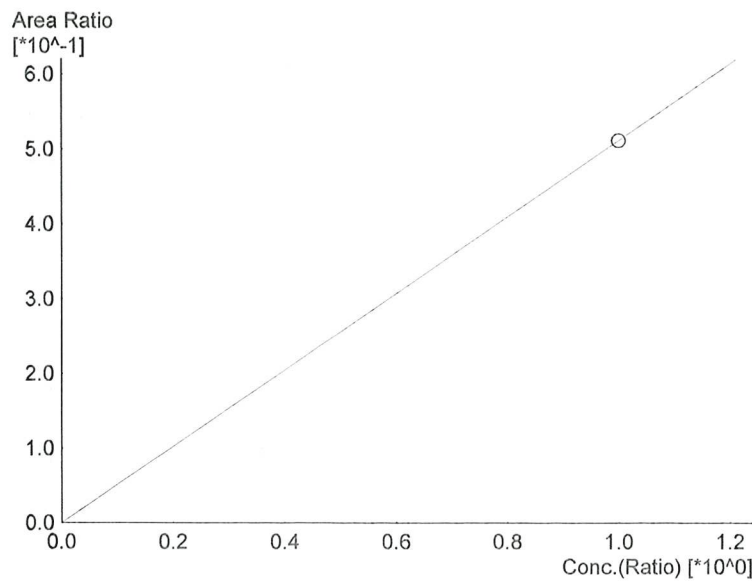
Name : Methanol  
 Detector Name: FID2  
 Function :  $f(x)=0.0496153*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	12490	1.0000



Name : Ethanol  
 Detector Name: FID2  
 Function :  $f(x)=2.31010*x-0.0235902$   
 R<sup>2</sup> value= 0.9995150  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	24732	0.0539
2	0.100	50593	0.0998
3	0.200	107386	0.1955
4	0.400	224696	0.3960
5	0.500	289208	0.5045

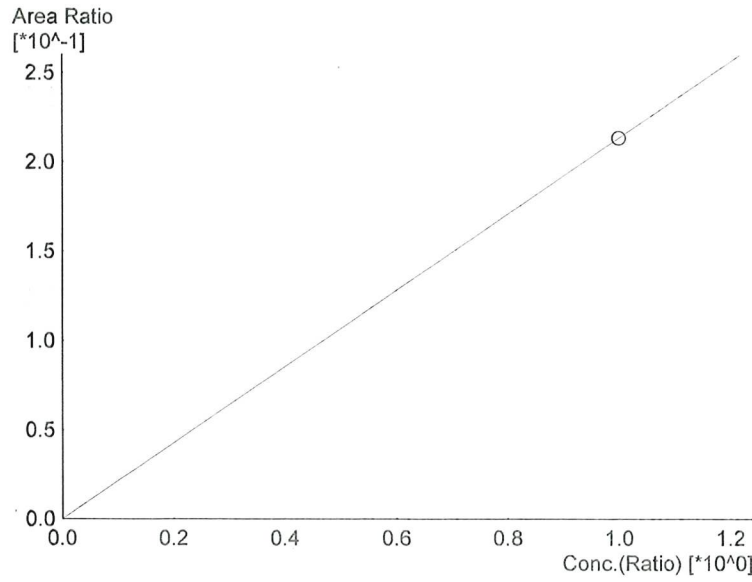


Name : Acetone  
 Detector Name: FID2  
 Function :  $f(x)=0.511943*x+0$   
 R<sup>2</sup> value= 1.000000  
 FitType: Linear  
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	128874	1.0000

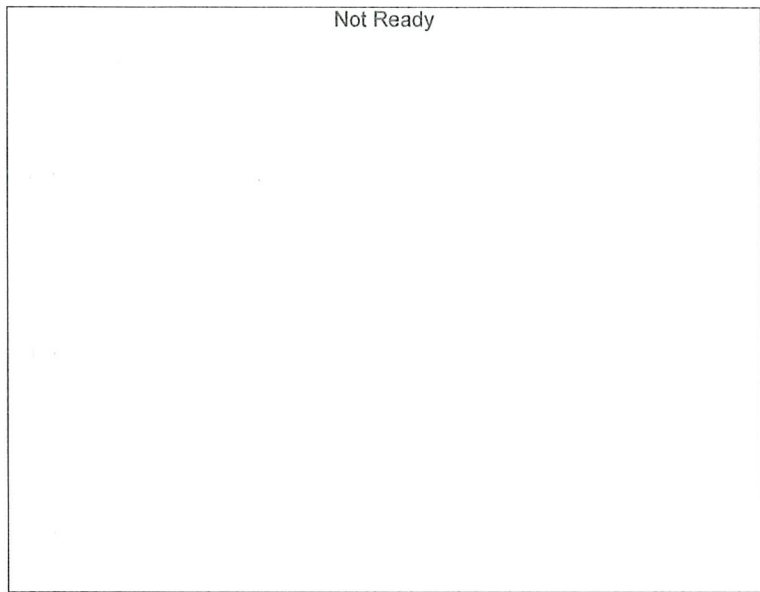


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Name : Isopropyl Alcohol  
Detector Name: FID2  
Function :  $f(x)=0.213474*x+0$   
R^2 value= 1.000000  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	53739	1.0000

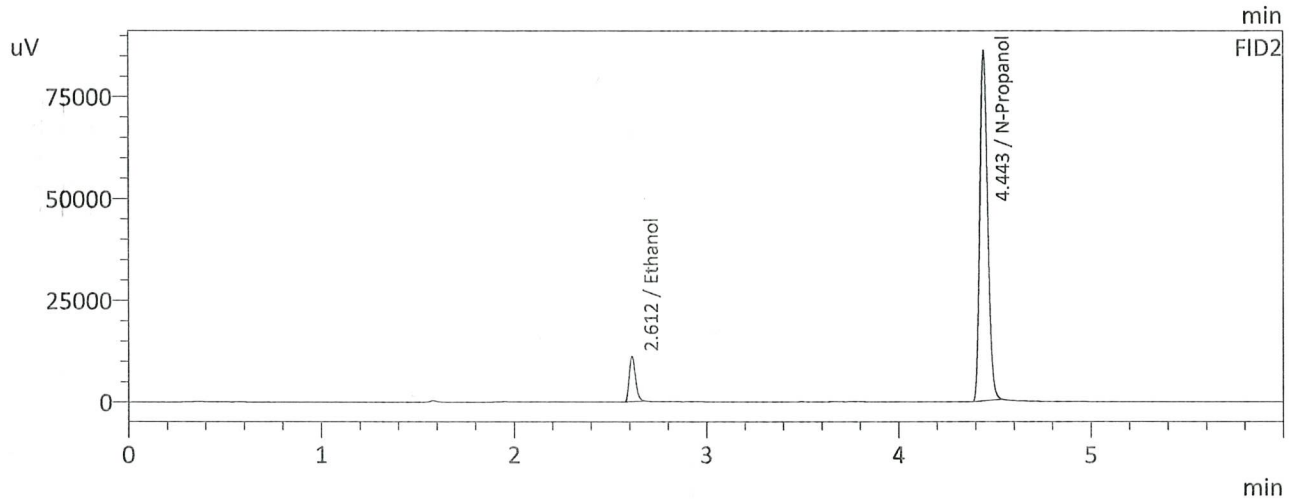
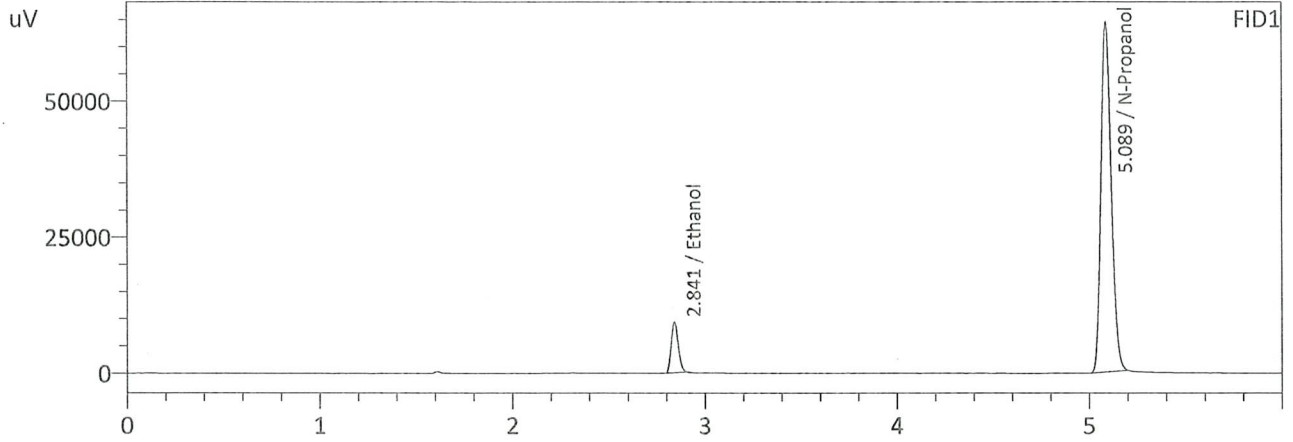


Name : Fluor. Hydrocarbon(s)  
Detector Name: FID2  
Function :  $f(x)=0*x+0$   
R^2 value= 0  
FitType: Linear  
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050 FN03172301  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 5:53:51 PM  
 Vial # : 2  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

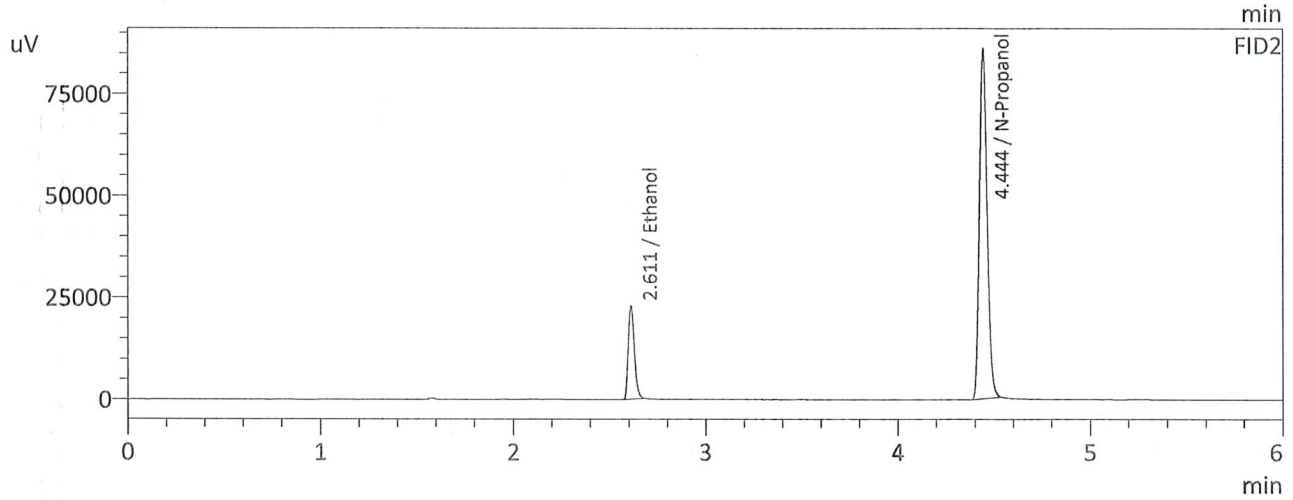
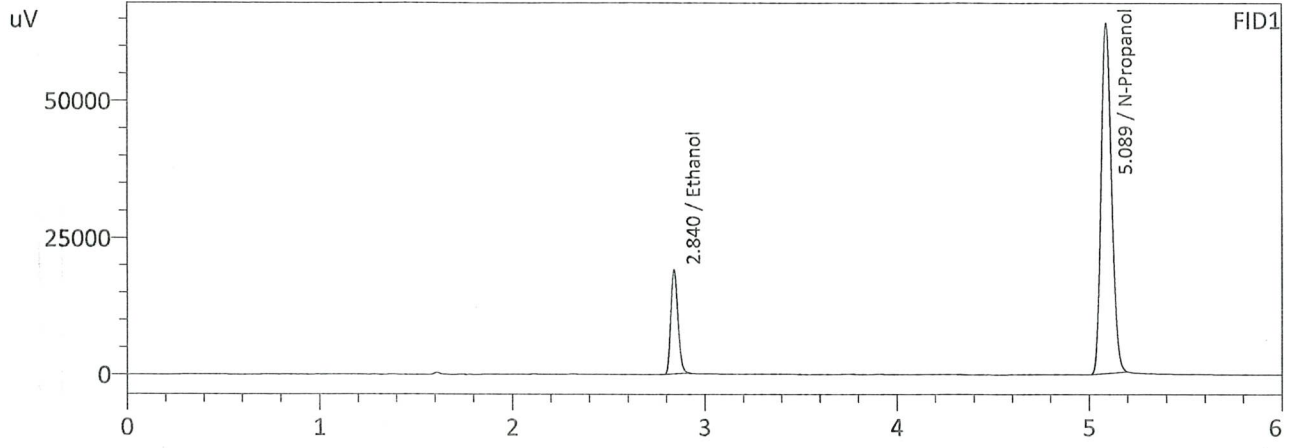
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0534	23654	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239903	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0539	24732	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244579	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100 FN11172002  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 6:04:34 PM  
 Vial # : 3  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

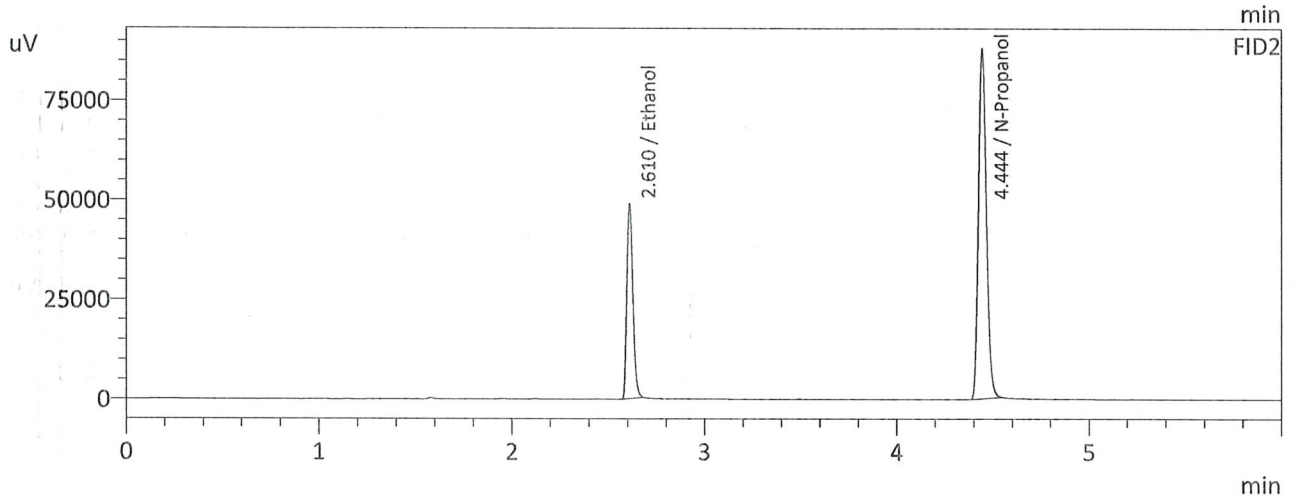
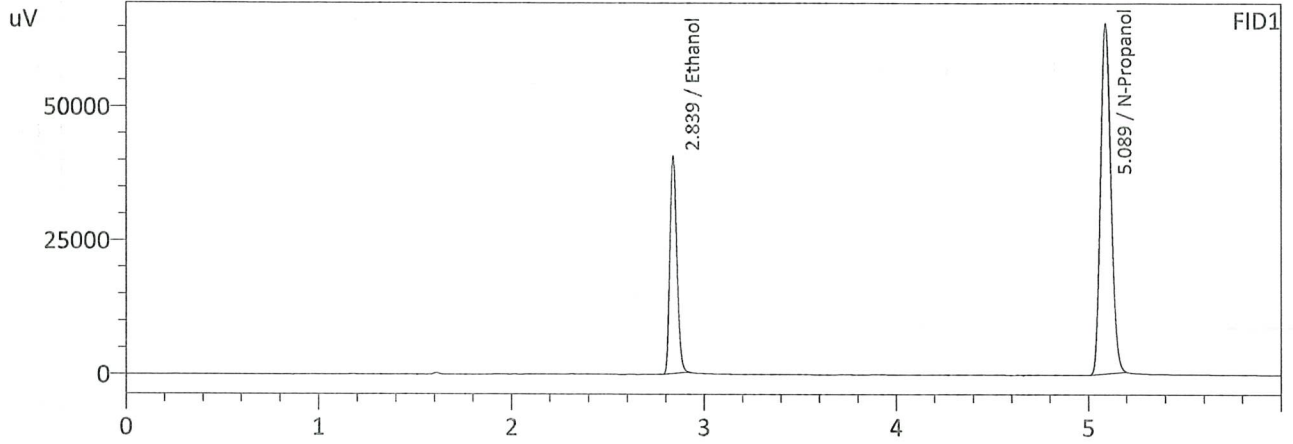
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0999	48832	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	239489	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0998	50593	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244255	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200 FN02052101  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 6:13:15 PM  
 Vial # : 4  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

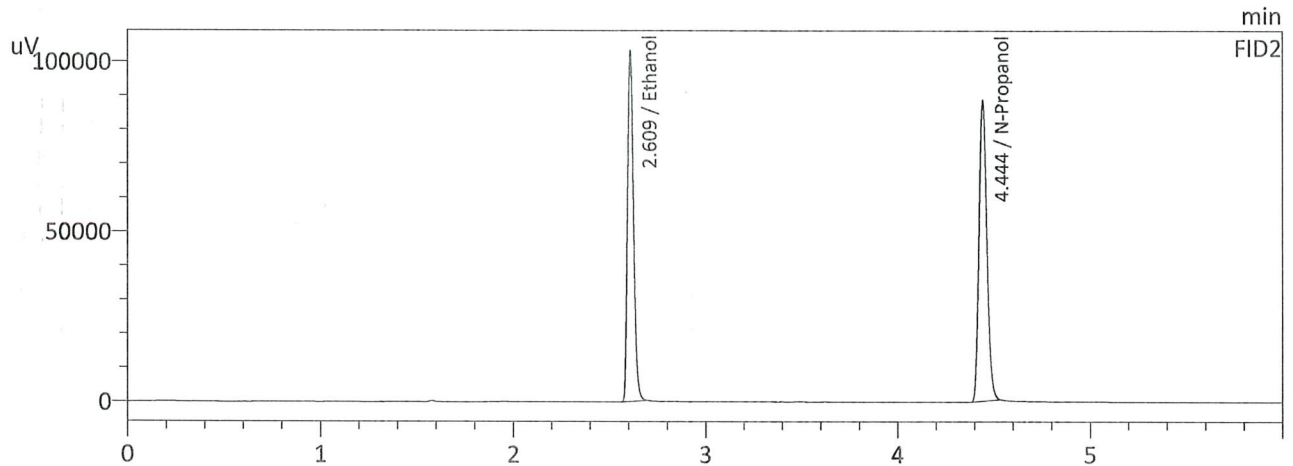
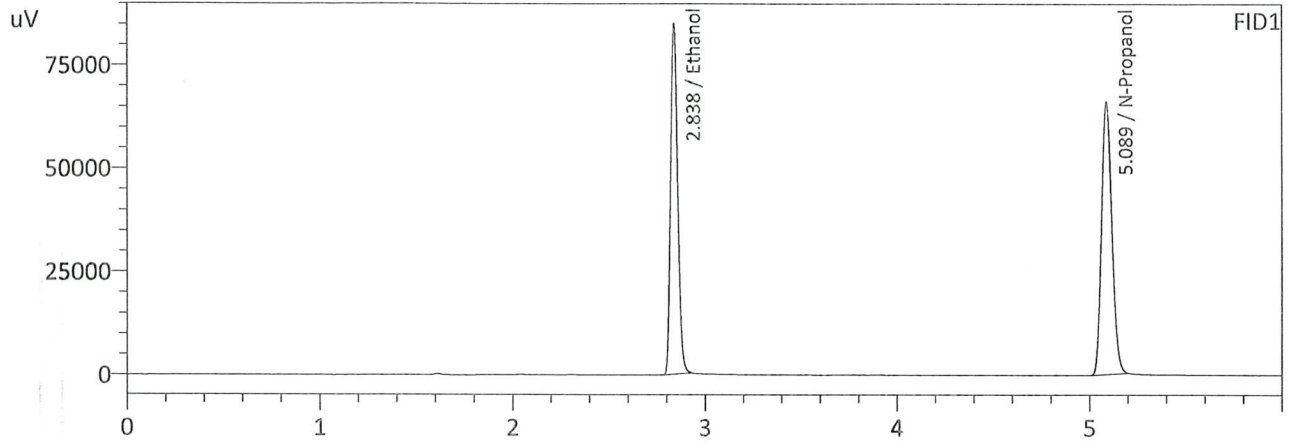
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1963	103573	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245228	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1955	107386	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250871	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.400 FN03052102  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 6:23:57 PM  
 Vial # : 5  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

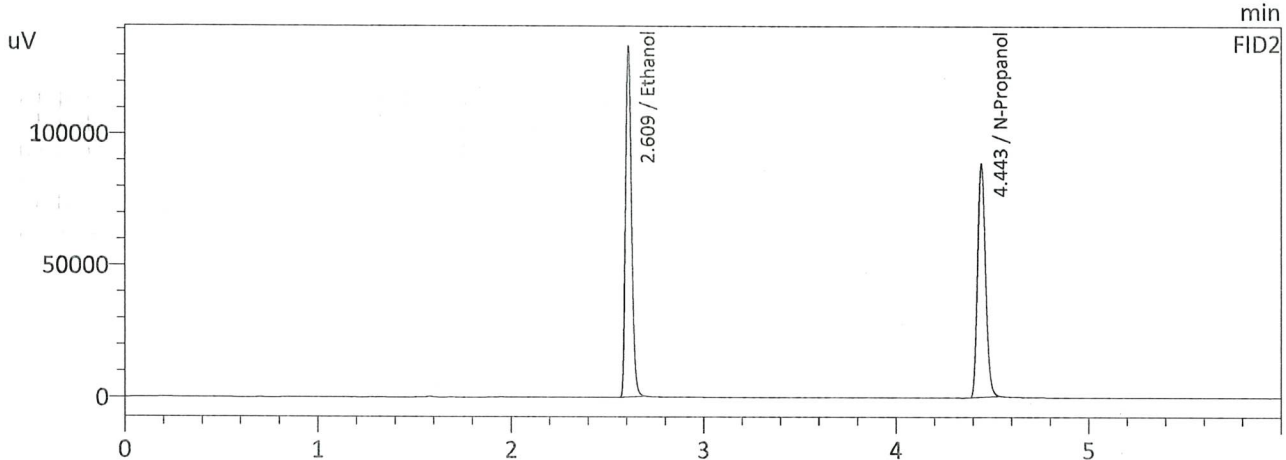
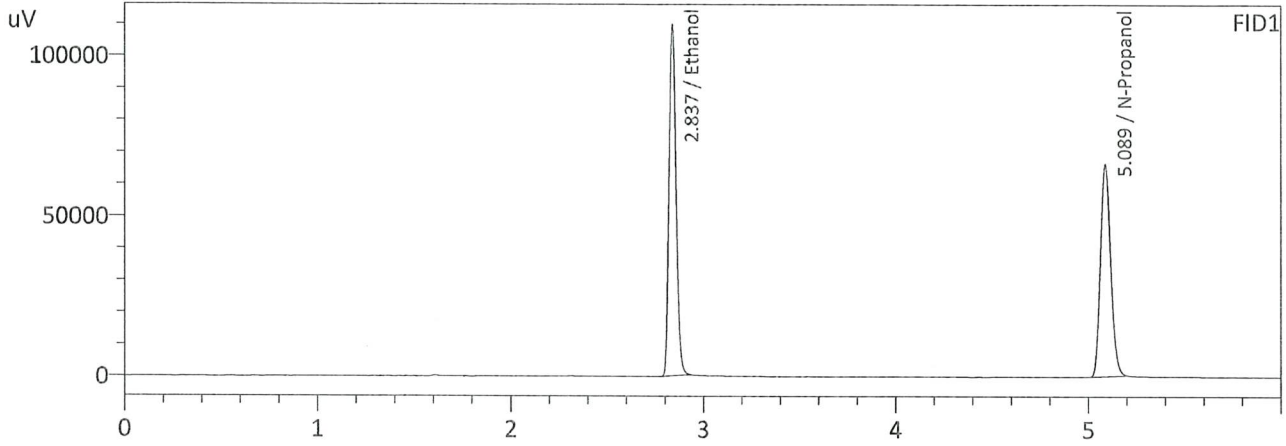
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3959	215942	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246984	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3960	224696	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	252097	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500 FN06262004  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 6:32:38 PM  
 Vial # : 6  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5043	277394	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	247723	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5045	289208	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	253233	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA LOT# FN06232204

Analysis Date(s): 5/1/2024 7:30:49 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0839	0.0838	0.0001	0.0838	0.0002	0.0837
(g/100cc)	0.0835	0.0838	0.0003	0.0836		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

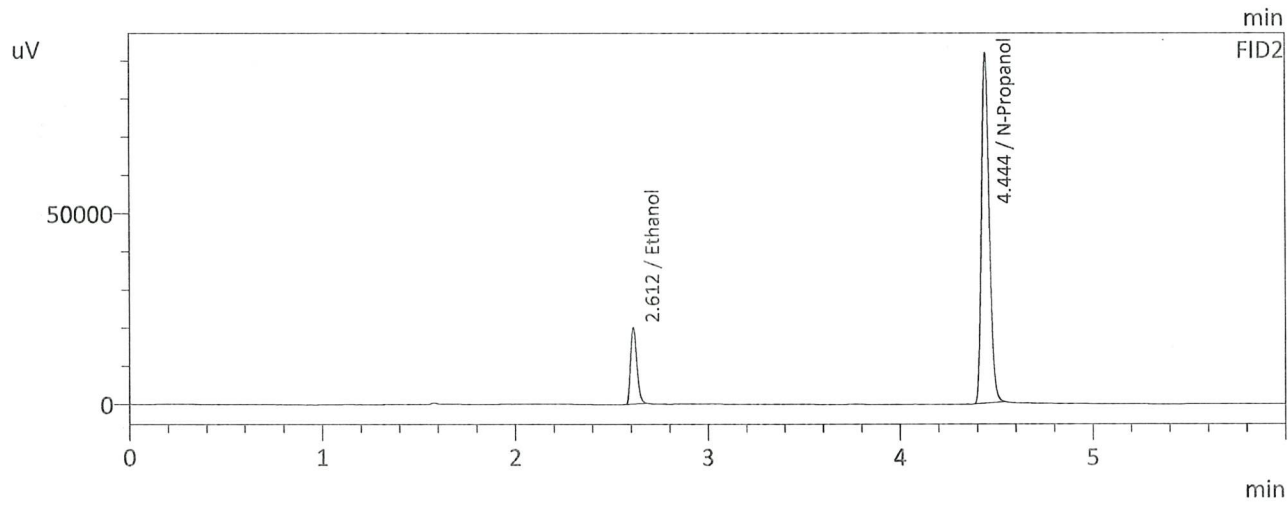
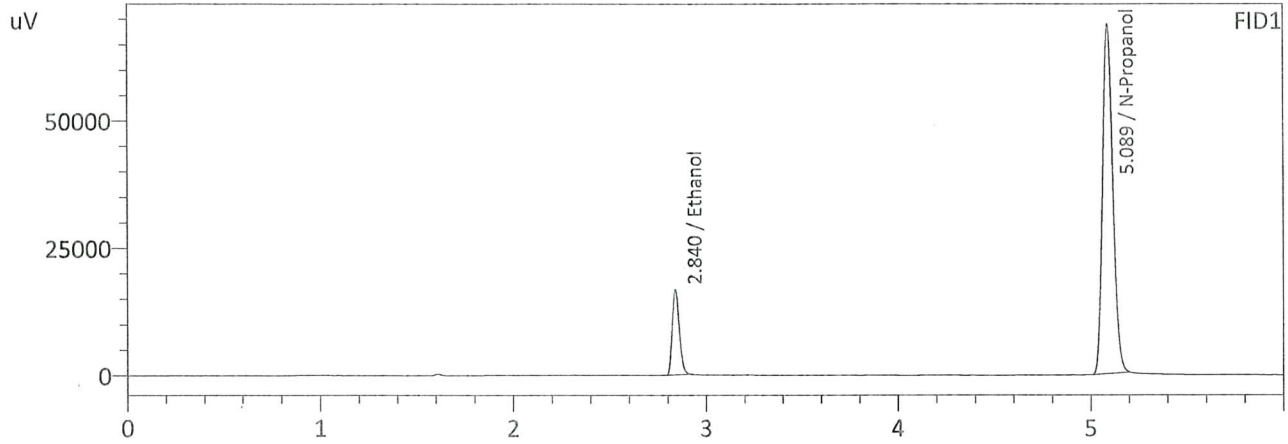
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.083	0.078	0.088	0.005

	Reported Results	
	0.083	

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA LOT# FN06232204  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 7:30:49 PM  
 Vial # : 12  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	43022	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	256395	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

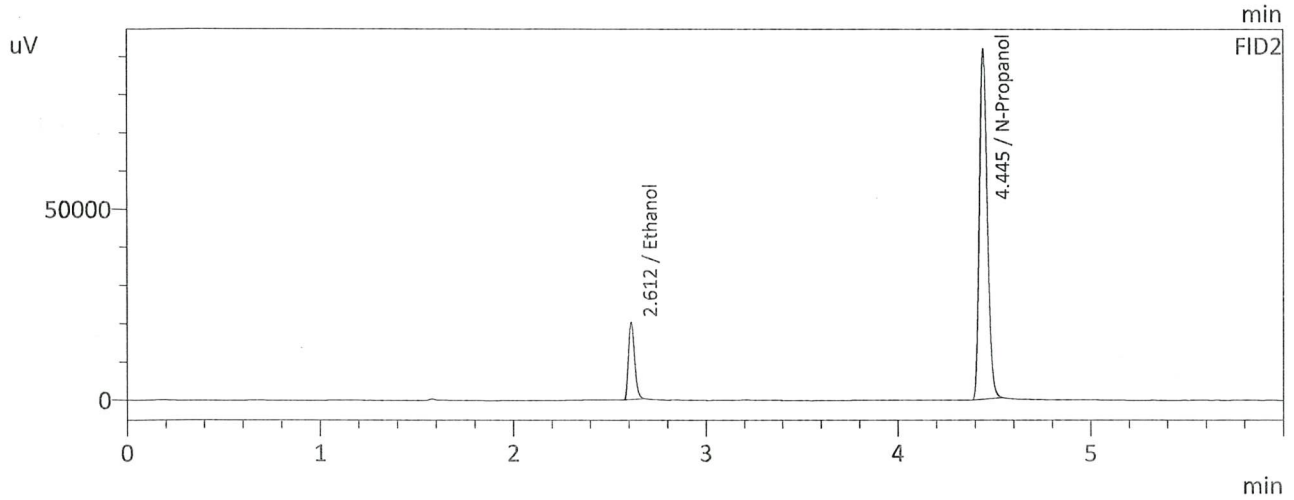
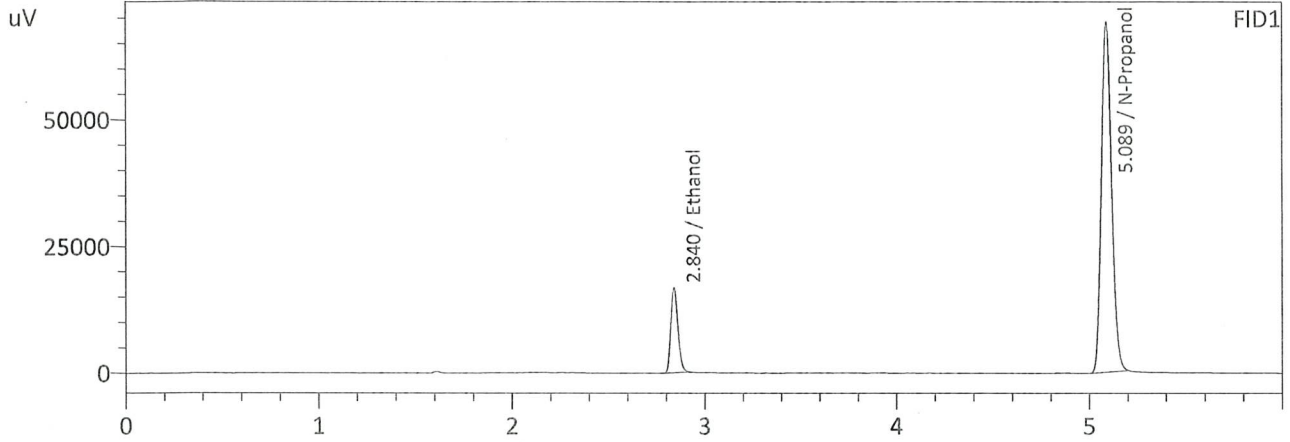
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0838	44449	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261314	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc



99

Sample Name : 0.08 QA - B LOT# FN06232204  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 7:41:34 PM  
 Vial # : 13  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0835	42985	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	257676	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0838	44614	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	262259	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 5/1/2024 7:11:26 PM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0798	0.0800	0.0002	0.0799	0.0004	0.0801
(g/100cc)	0.0804	0.0802	0.0002	0.0803		

## Analysis Method

Refer to Blood Alcohol Method #1

## Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

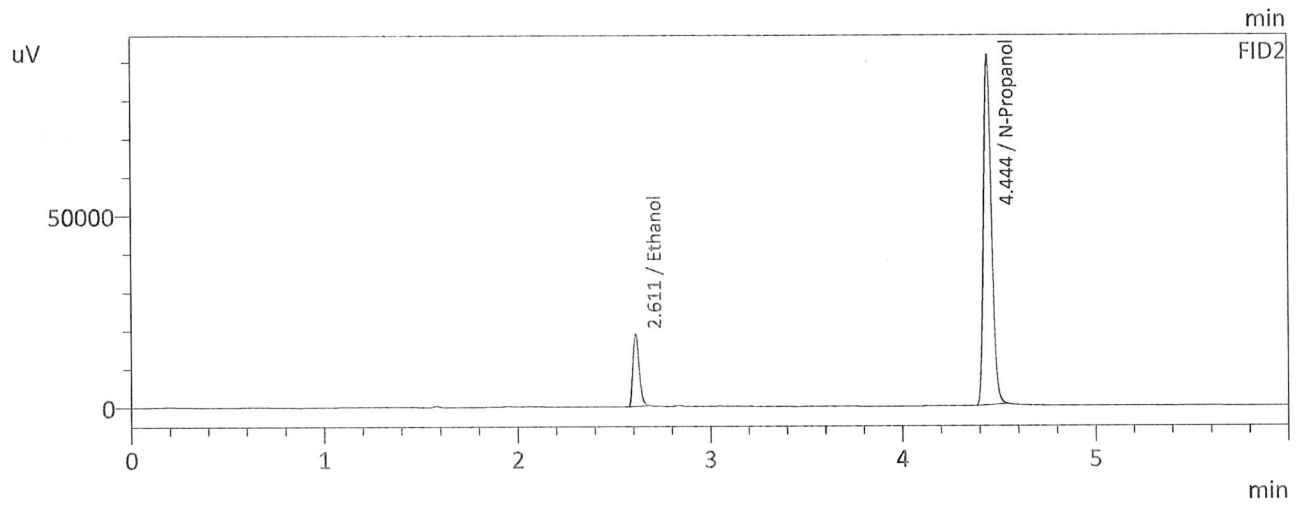
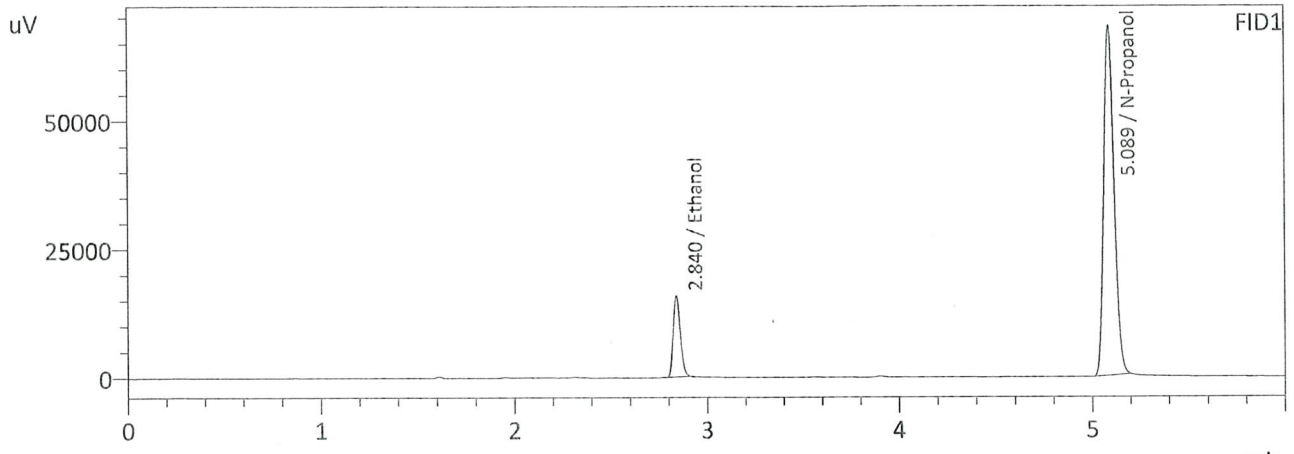
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

	Reported Results
	0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 7:11:26 PM  
 Vial # : 10  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

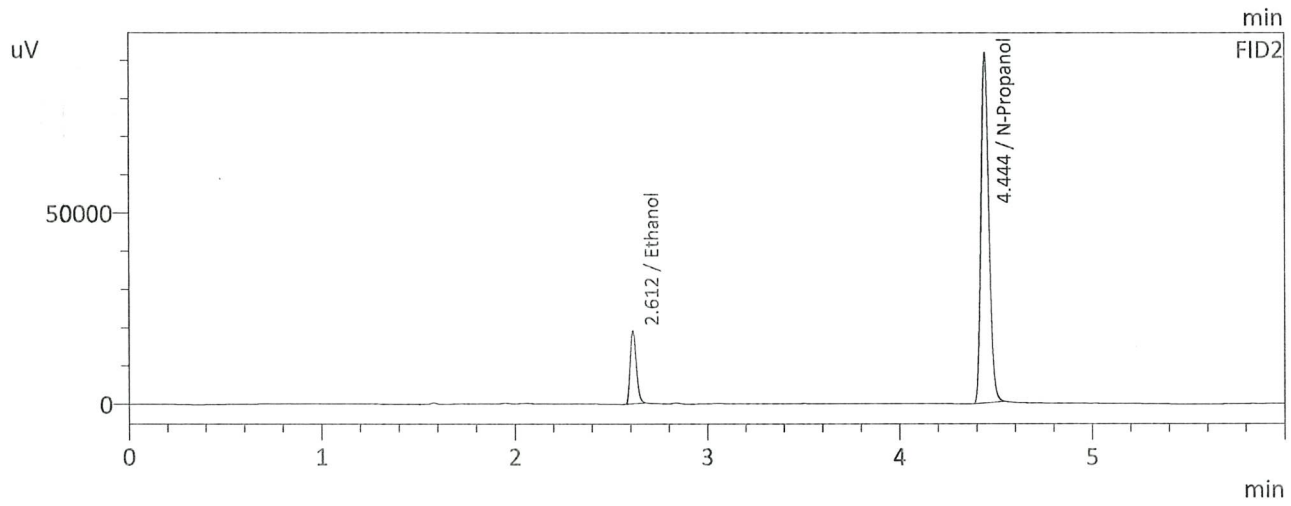
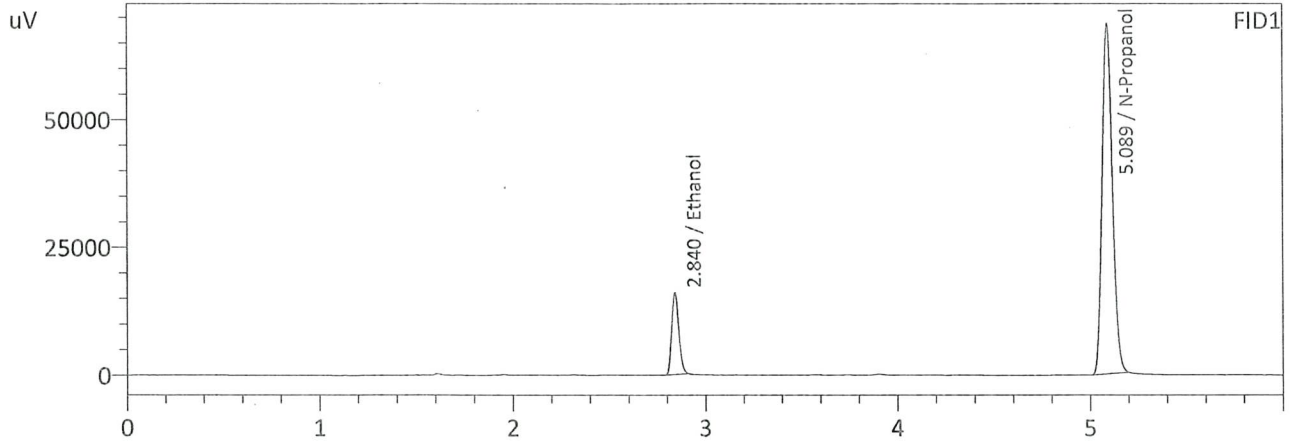
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0798	40313	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	254245	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	41881	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259448	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 7:22:09 PM  
 Vial # : 11  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0804	40873	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255743	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	42250	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261105	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1

Analysis Date(s): 5/1/2024 10:44:51 PM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1899	0.1890	0.0009	0.1894	0.0037	0.1913
(g/100cc)	0.1933	0.1930	0.0003	0.1931		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

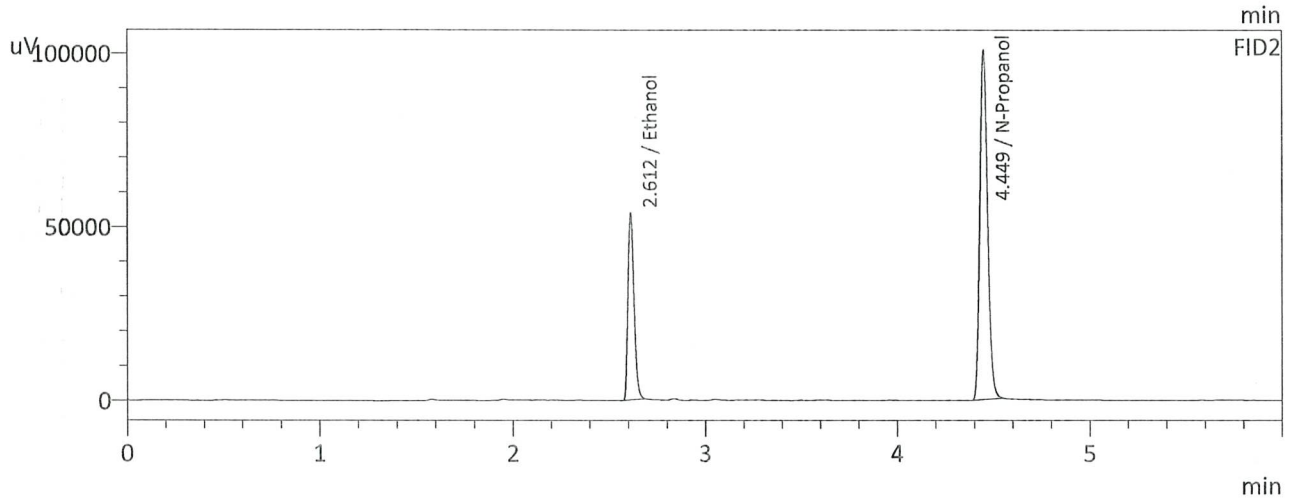
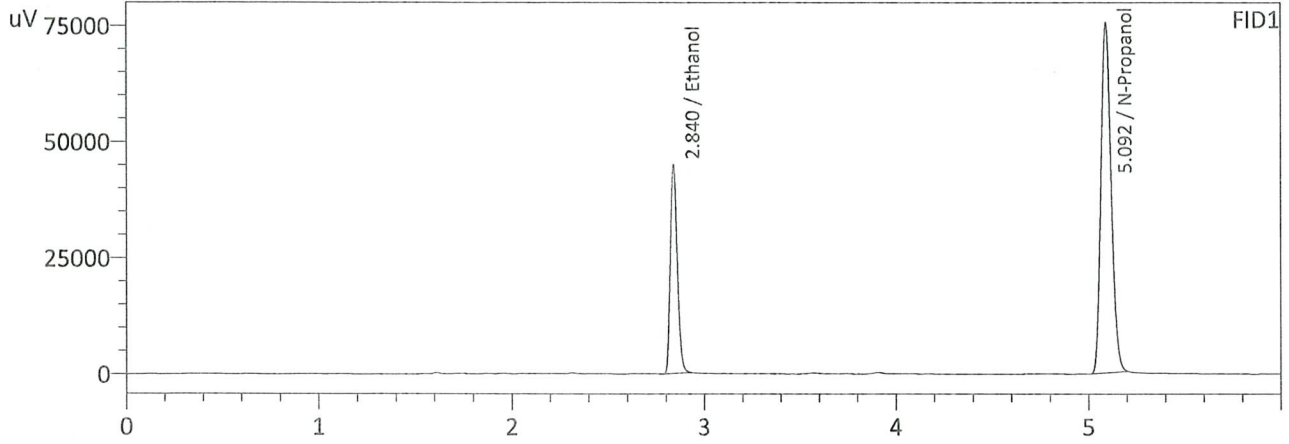
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.191	0.181	0.201	0.010

	Reported Results
	0.191

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 10:44:51 PM  
 Vial # : 32  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

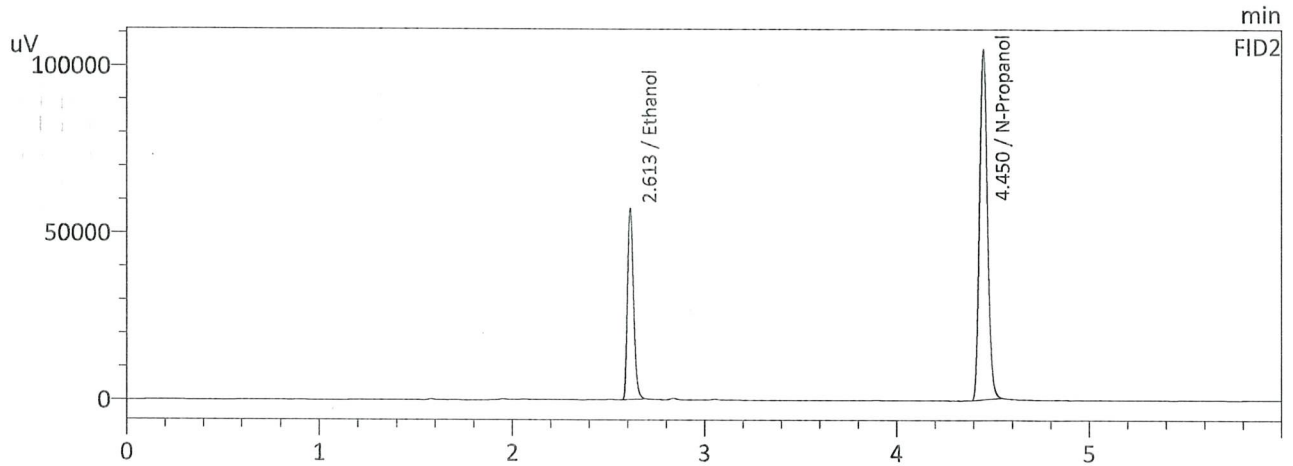
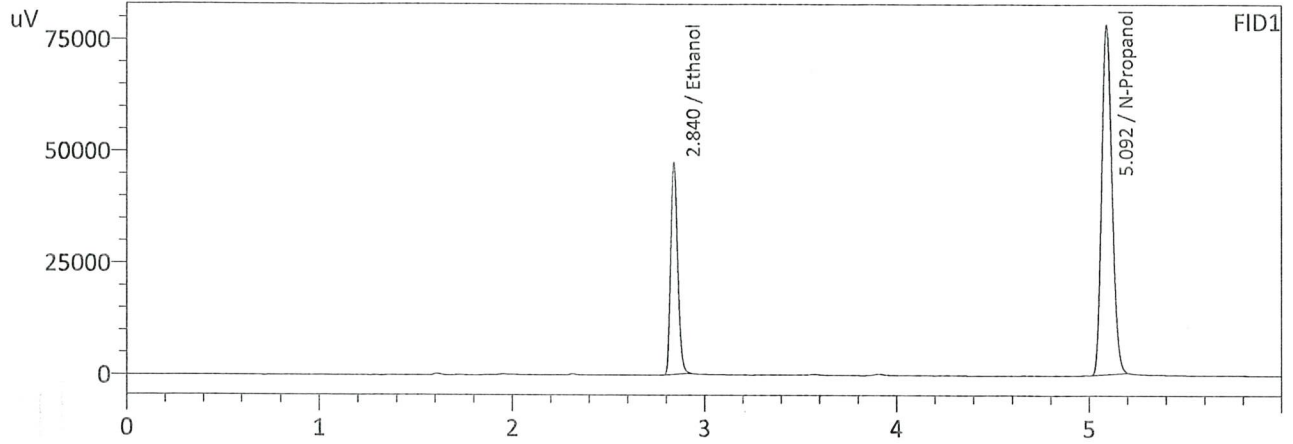
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1899	114632	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	281143	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1890	118444	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	286671	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 10:55:33 PM  
 Vial # : 33  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1933	121268	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	291779	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1930	125997	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	298341	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2		Analysis Date(s): 5/2/2024 2:18:25 AM(-07:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0802	0.0001	0.0801	0.0007	0.0804
(g/100cc)	0.0809	0.0807	0.0002	0.0808		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

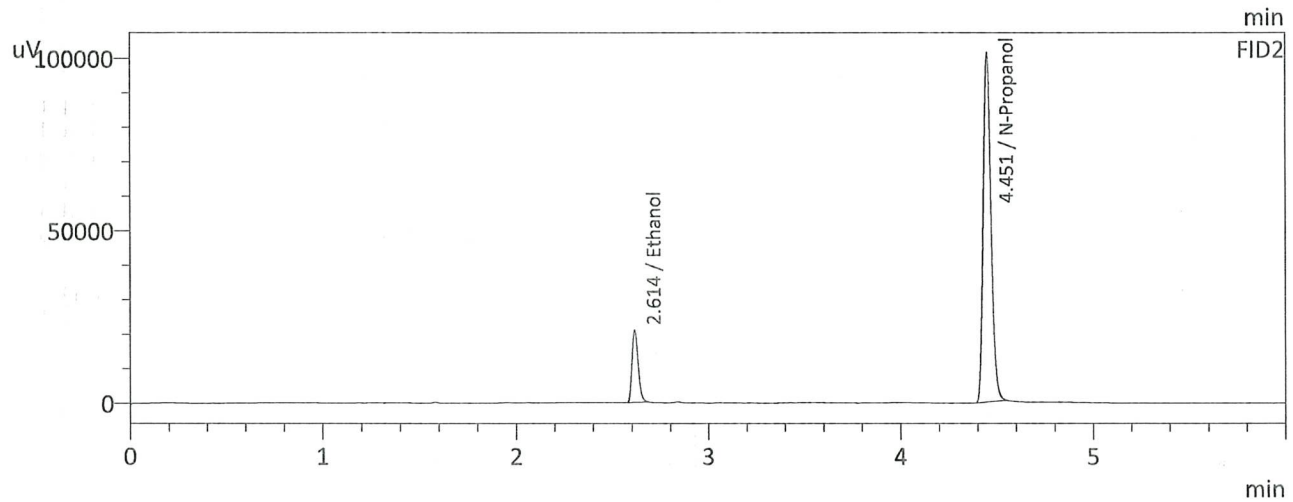
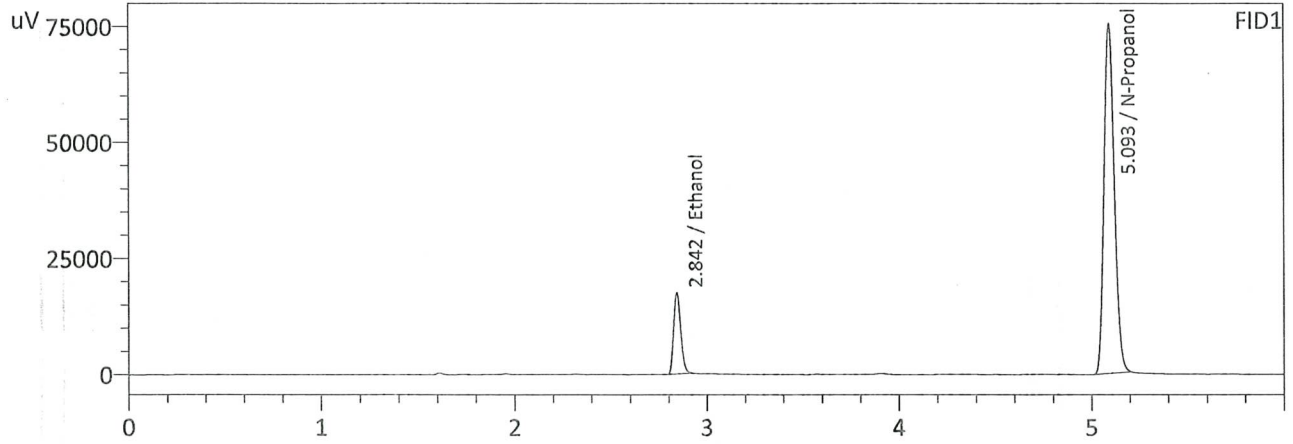
Reported Results	
0.080	

Calibration and control data are stored centrally.



99

Sample Name : QC-1-2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/2/2024 2:18:25 AM  
 Vial # : 54  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

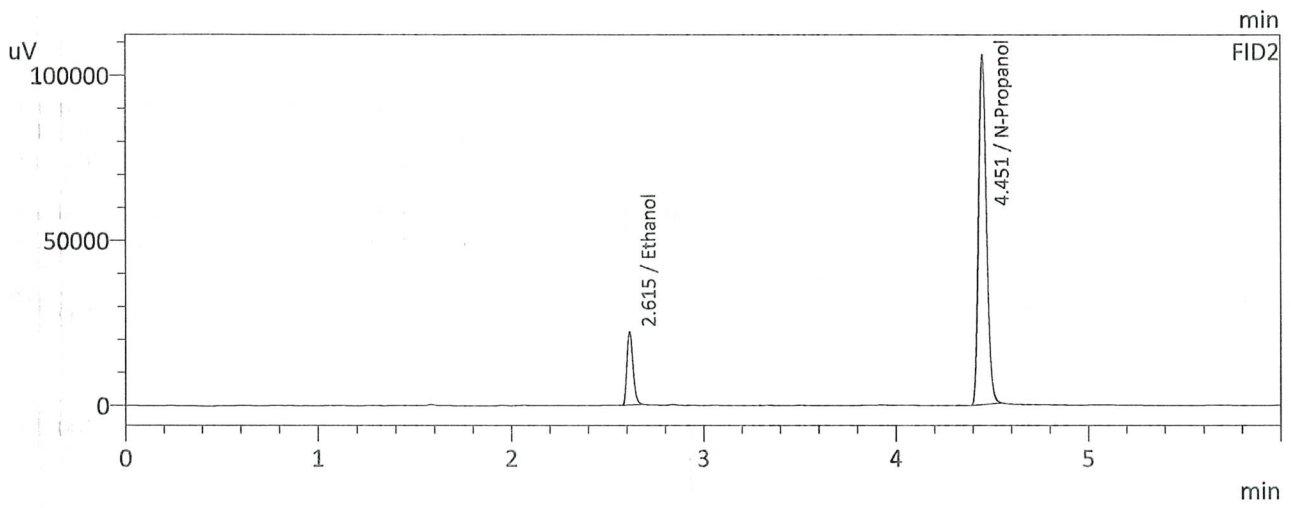
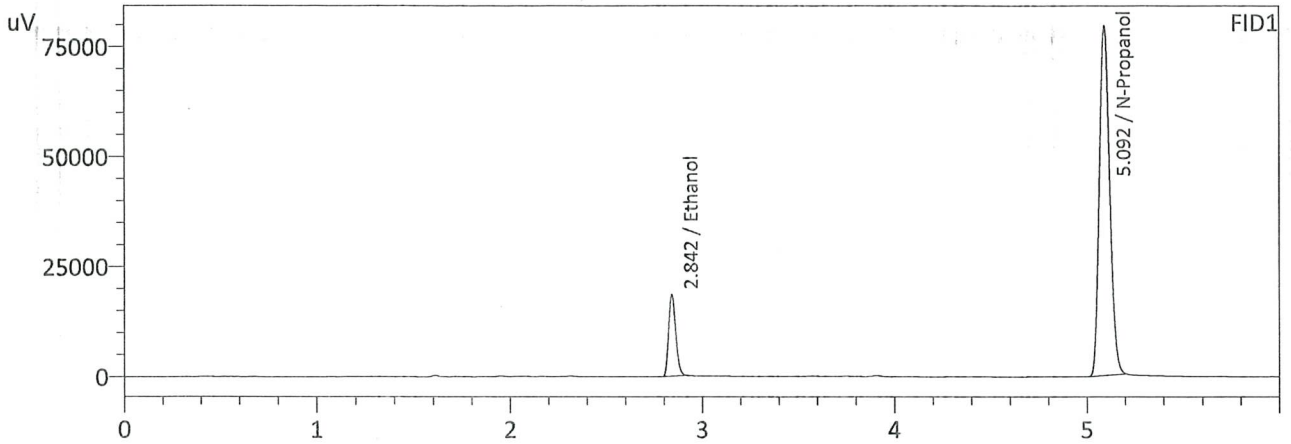
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0801	44846	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	281725	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0802	46557	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287725	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-2-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/2/2024 2:29:08 AM  
 Vial # : 55  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	47613	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	295653	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	49190	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	302045	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

## VOLATILES DETERMINATION CASEFILE WORKSHEET

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2

Analysis Date(s): 5/2/2024 2:57:14 AM(-07:00)

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1994	0.1987	0.0007	0.1990	0.0008	0.1986
(g/100cc)	0.1985	0.1979	0.0006	0.1982		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

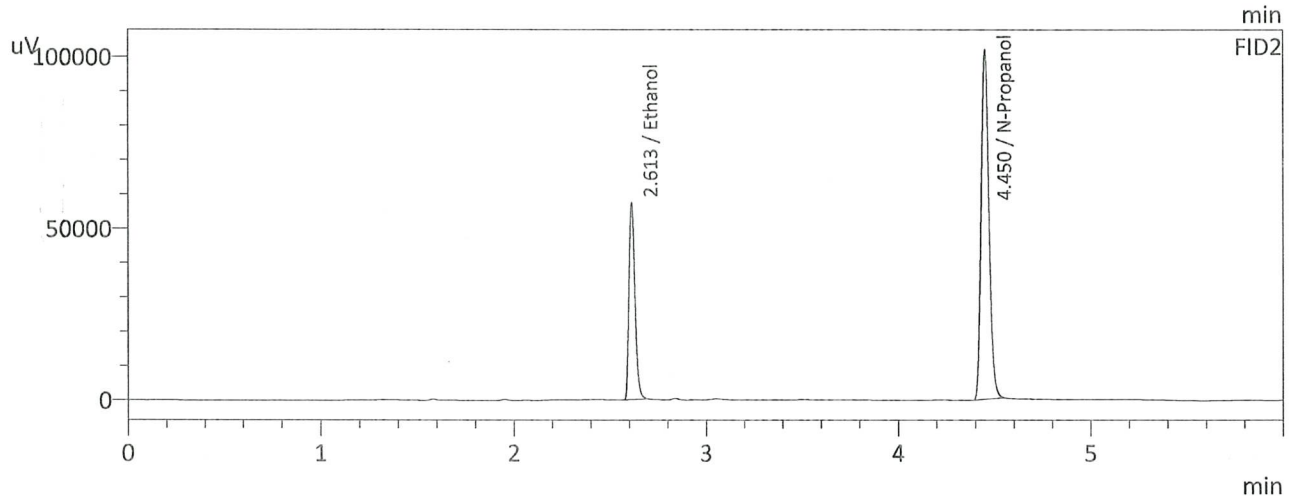
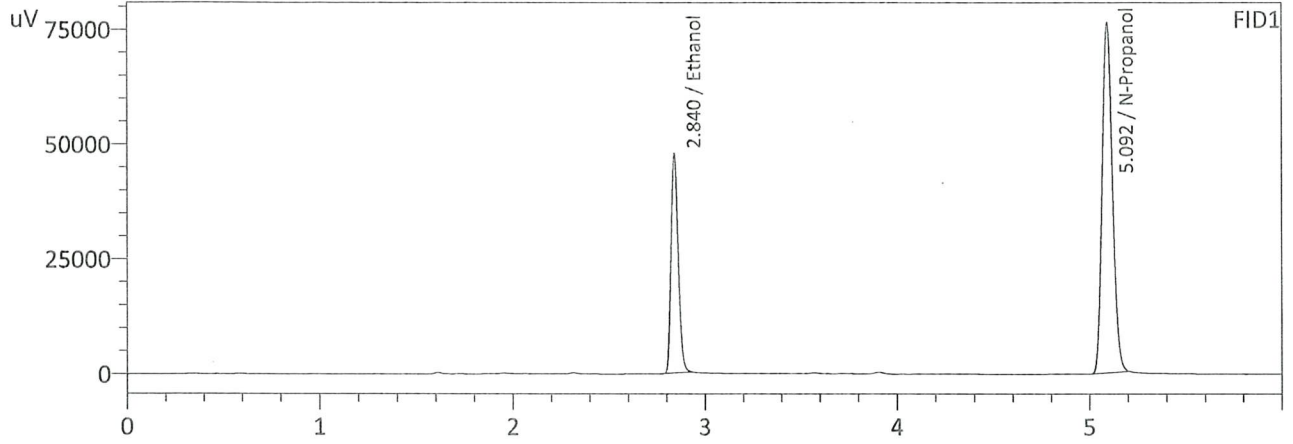
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.198	0.188	0.208	0.010

	Reported Results
	0.198

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/2/2024 2:57:14 AM  
 Vial # : 58  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

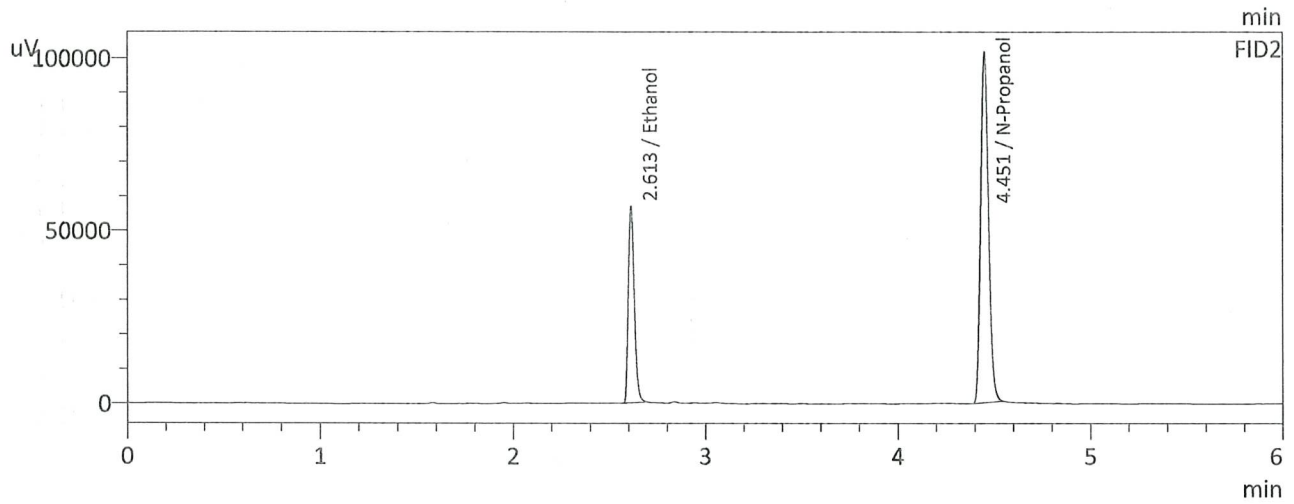
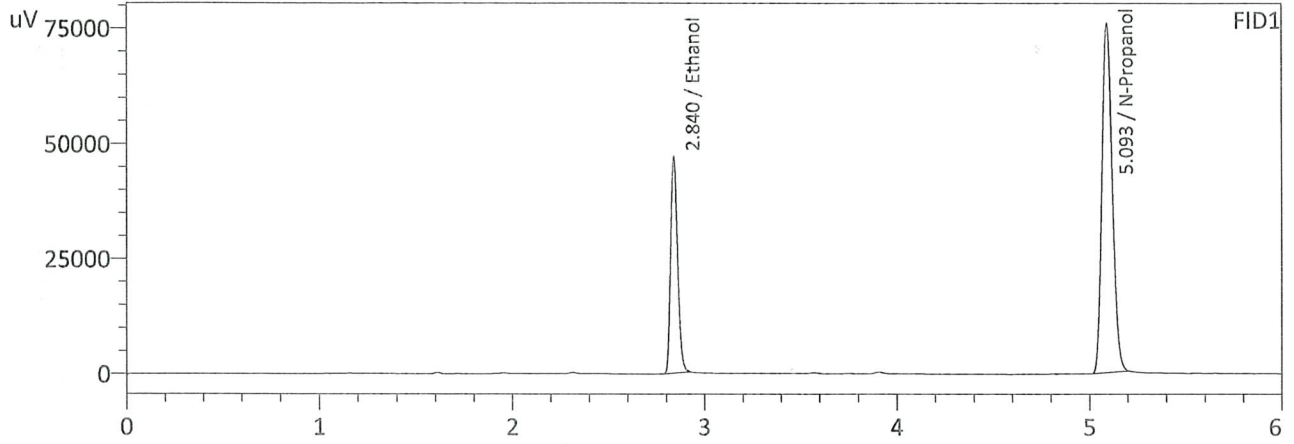
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1994	122009	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	284264	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1987	126457	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	290282	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/2/2024 3:07:58 AM  
 Vial # : 59  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

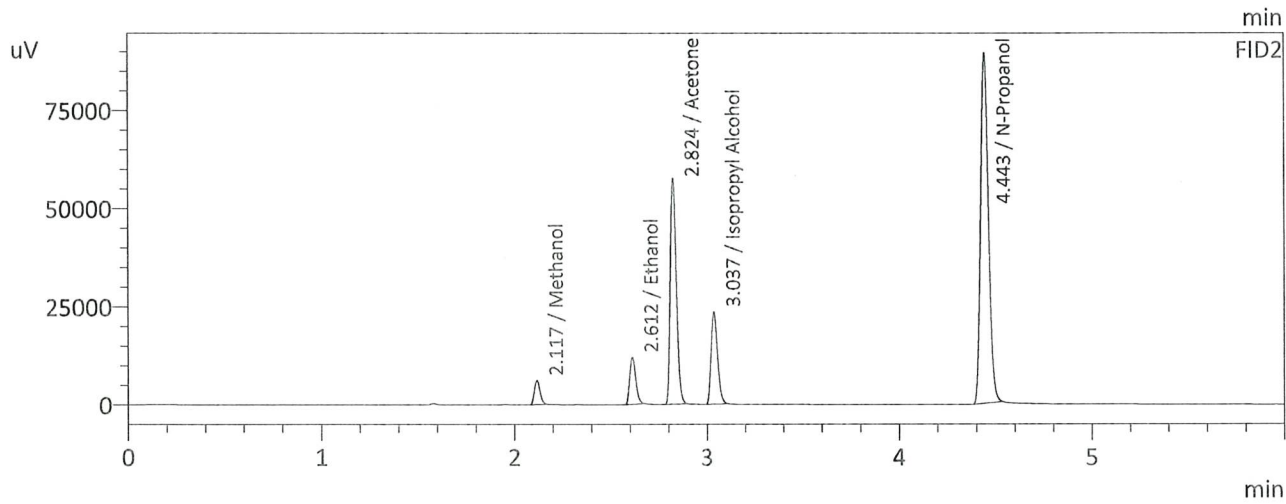
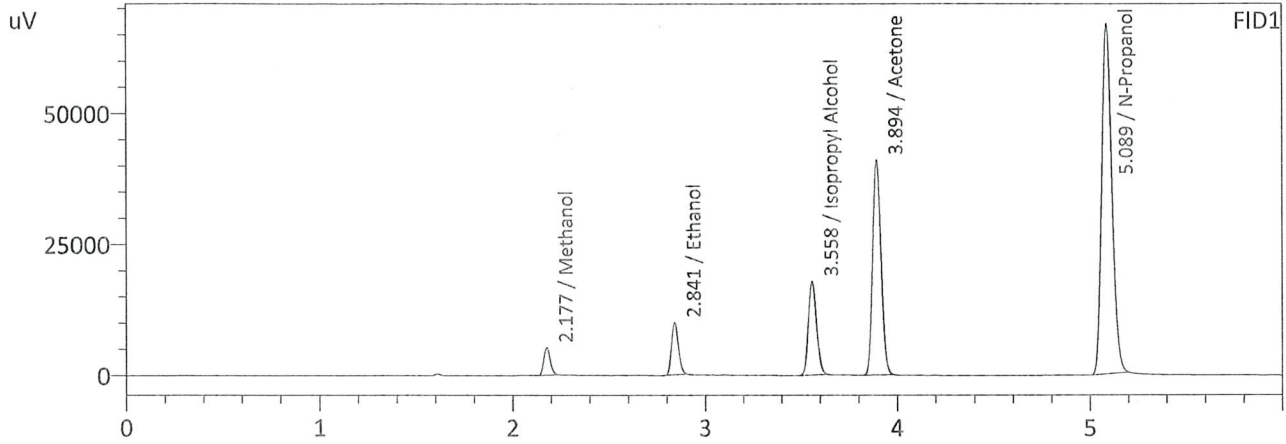
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1985	120868	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	282893	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1979	125563	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	289453	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX LOT# FN01212104  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 6:52:03 PM  
 Vial # : 8  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

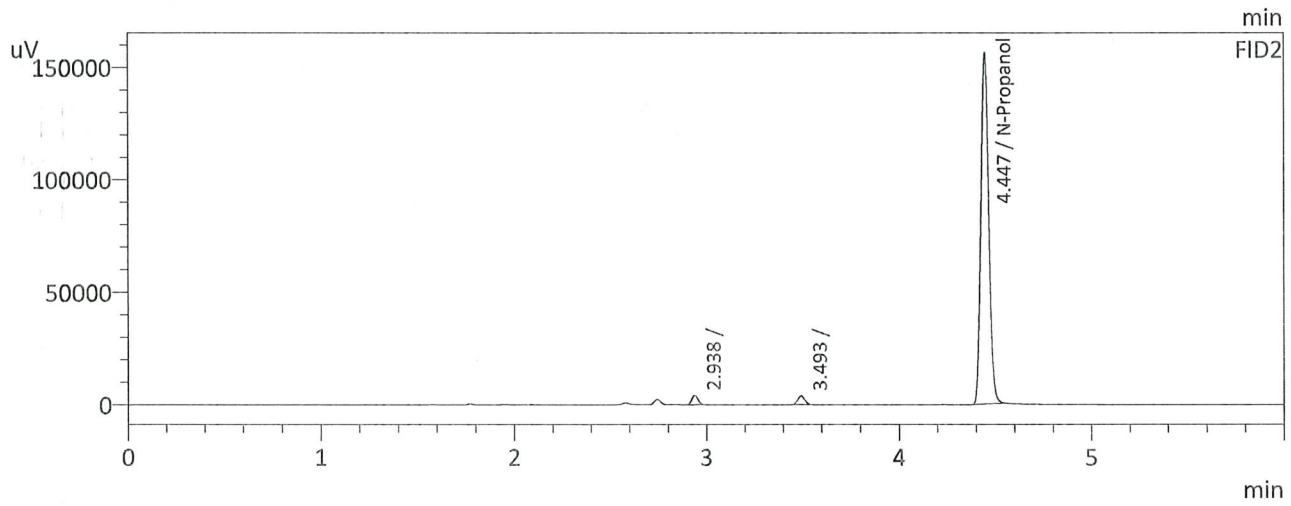
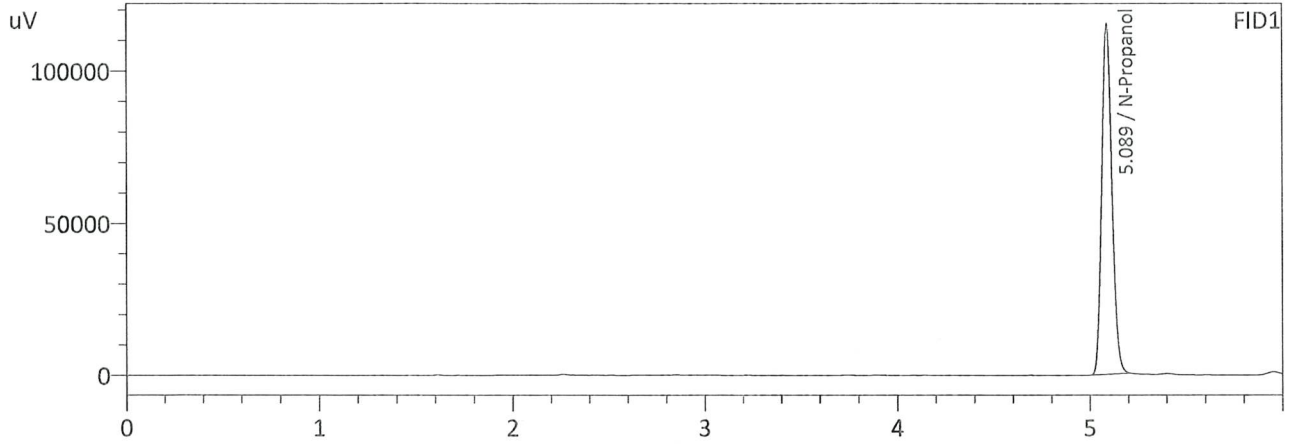
Name	Conc.	Area	Unit
Methanol	1.0000	12094	g/100cc
Ethanol	0.0548	25424	g/100cc
Isopropyl Alcohol	1.0000	53716	g/100cc
Acetone	1.0000	125982	g/100cc
N-Propanol	0.0000	249432	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	12795	g/100cc
Ethanol	0.0553	26530	g/100cc
Acetone	1.0000	128474	g/100cc
Isopropyl Alcohol	1.0000	55138	g/100cc
N-Propanol	0.0000	254298	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 5:45:09 PM  
 Vial # : 1  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

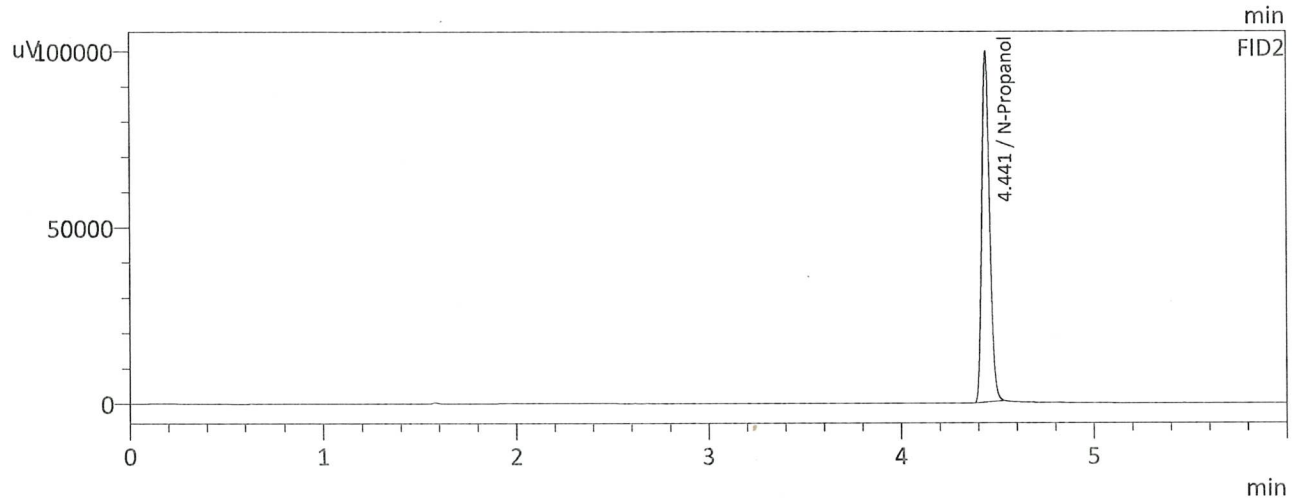
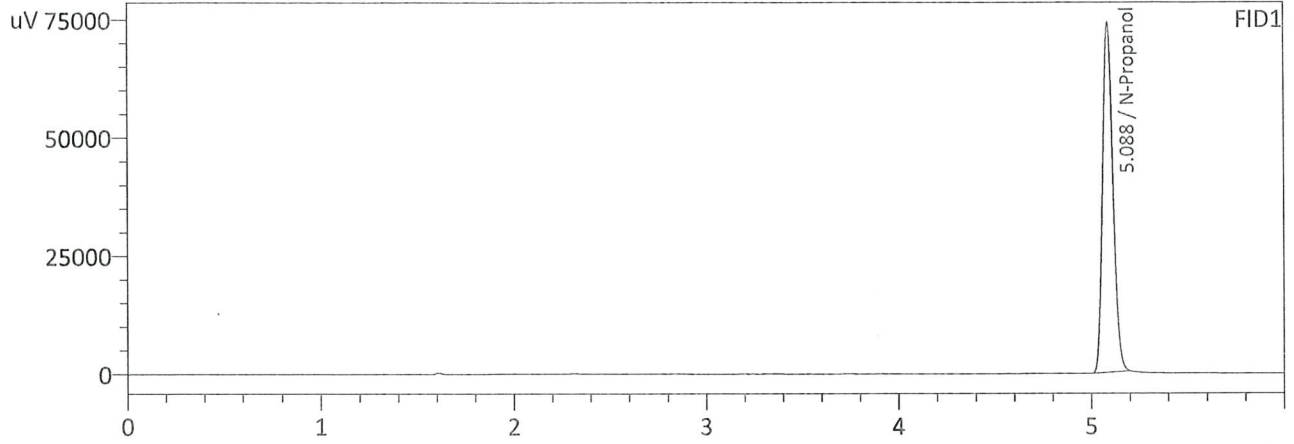
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	427853	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	441151	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 6:43:23 PM  
 Vial # : 7  
 Method Filename : Default Project - ALCOHOL Long.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	276702	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

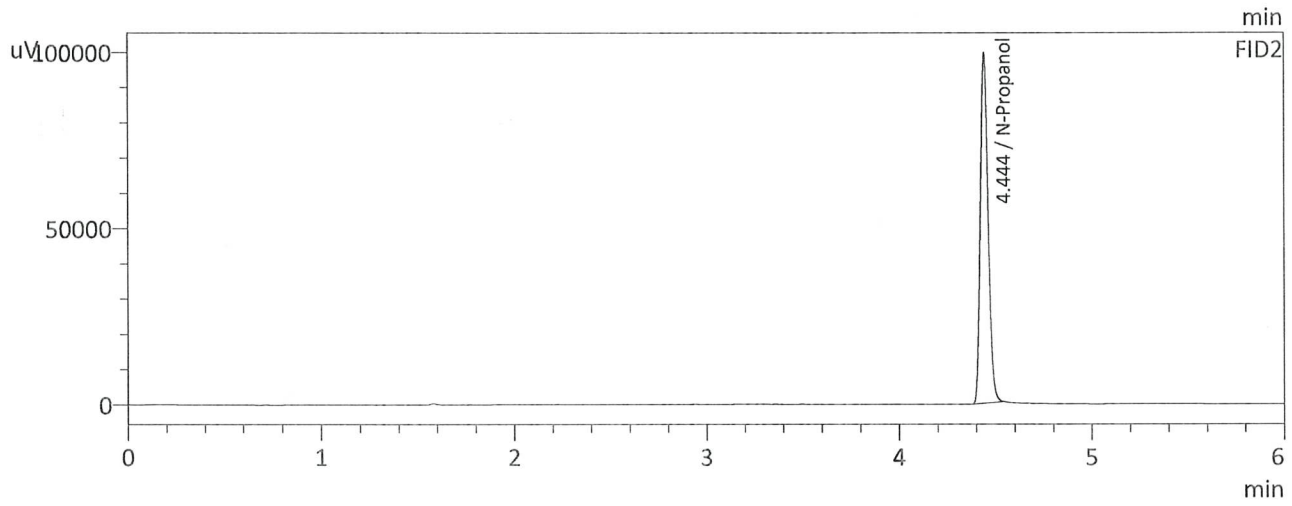
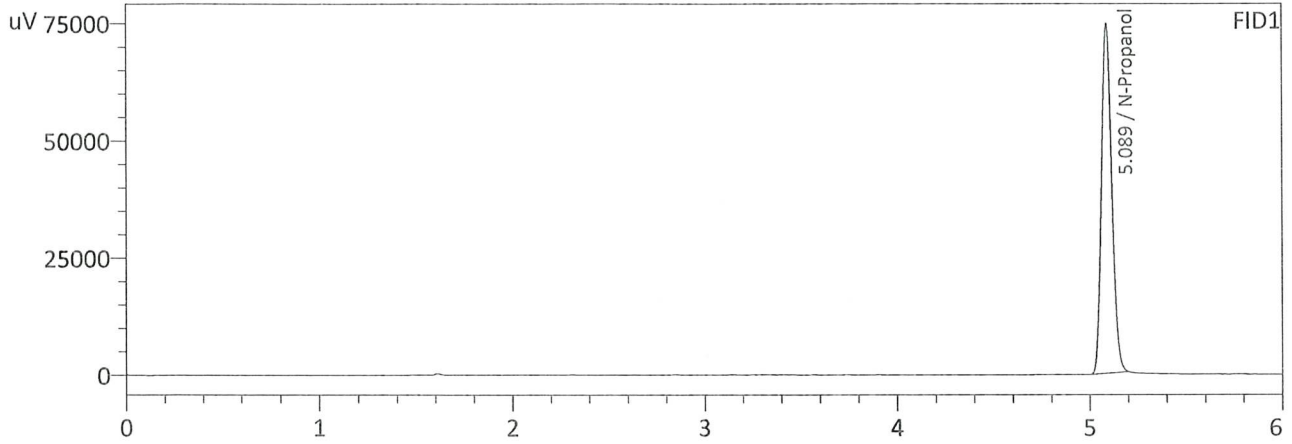
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	282705	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc



99

Sample Name : INT STD BLK 3  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/1/2024 7:02:46 PM  
 Vial # : 9  
 Method Filename : Default Project - ALCOHOL Long.gcm  
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

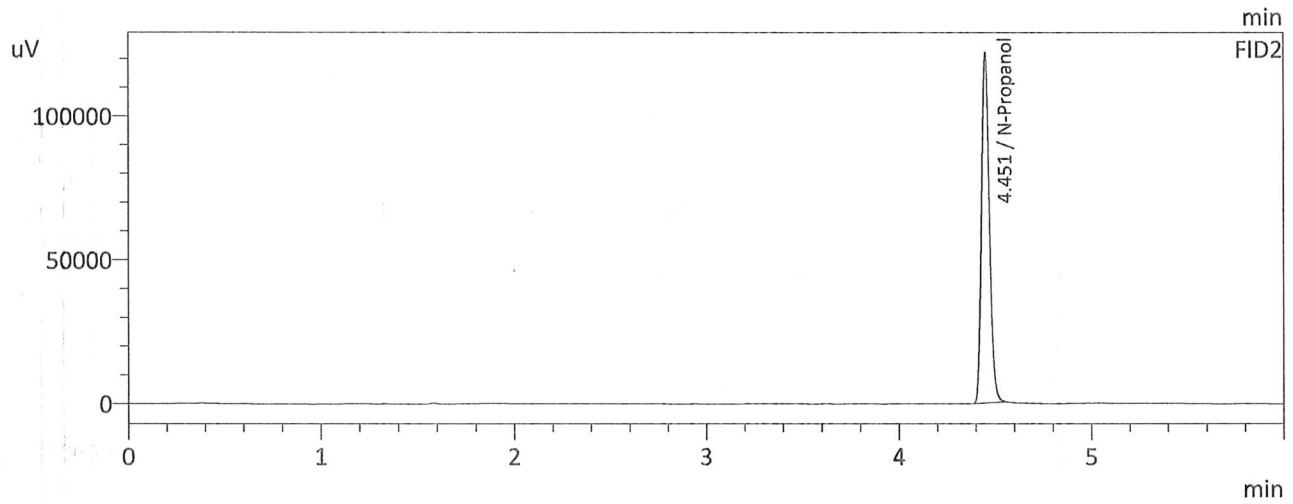
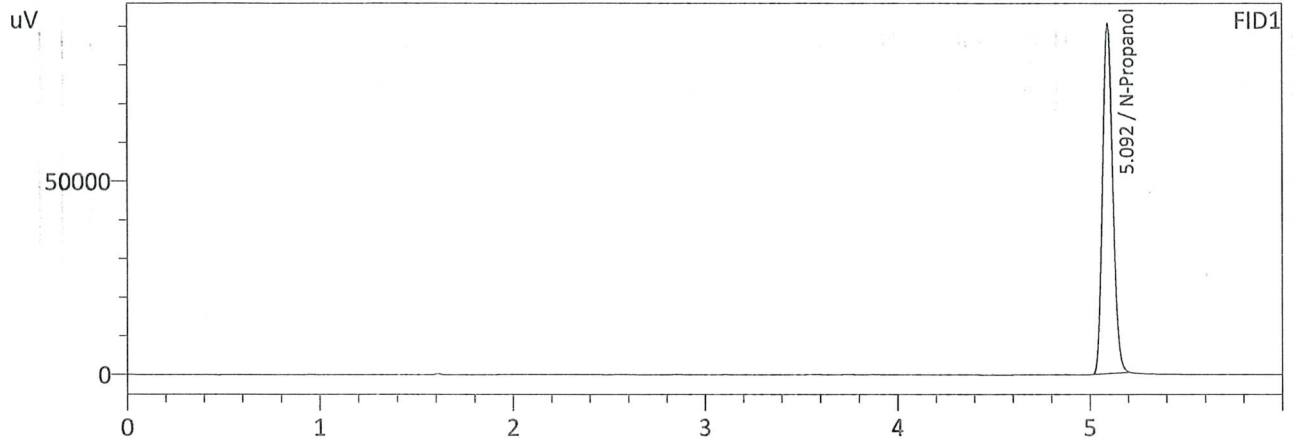
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277586	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283458	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4  
 Laboratory : Coeur d' Alene Lab  
 Injection Date : 5/2/2024 3:16:28 AM  
 Vial # : 60  
 Method Filename : Default Project - ALCOHOL Long.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	337411	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	346125	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc