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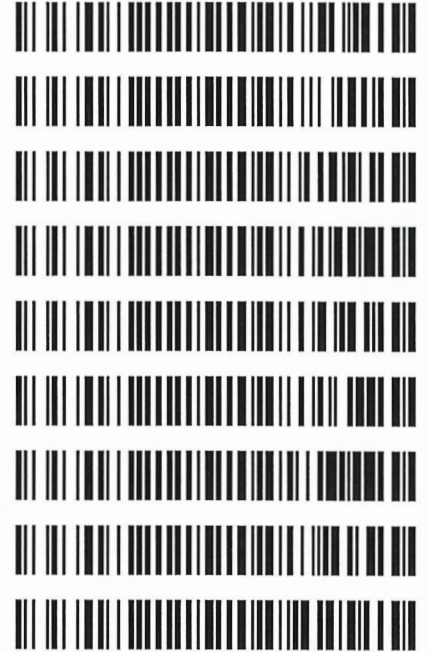
REVIEWED

By Anne Nord at 4:24 pm, Feb 14, 2025

2/13/2025

Worklist: 7043

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
C2025-0227	1	BCK	Alcohol Analysis
C2025-0229	1	BCK	Alcohol Analysis
C2025-0235	1	BCK	Alcohol Analysis
C2025-0241	1	BCK	BATS Proficiency Test
C2025-0249	1	BCK	Alcohol Analysis
C2025-0256	1	BCK	Alcohol Analysis
C2025-0262	1	BCK	Alcohol Analysis
C2025-0263	1	BCK	Alcohol Analysis
C2025-0268	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.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	DFE #11-4-10	0:Unknown	0	ALCOHOL.gcm
83	TFE #081120	0:Unknown	0	ALCOHOL.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.gcm
2	0.050 std	1:Standard:(R)	1	ALCOHOL.gcm
3	0.100 std	1:Standard:(R)	2	ALCOHOL.gcm
4	0.200 std	1:Standard:(R)	3	ALCOHOL.gcm
5	0.400 std	1:Standard:(R)	4	ALCOHOL.gcm
6	0.500 std	1:Standard:(R)	5	ALCOHOL.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.gcm
8	Mixed Volatile Std	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 std	0:Unknown	0	ALCOHOL.gcm
13	0.08 QA - B std	0:Unknown	0	ALCOHOL.gcm
14	C2025-0241-1	0:Unknown	0	ALCOHOL.gcm
15	C2025-0241-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2025-0241-2	0:Unknown	0	ALCOHOL.gcm
17	C2025-0241-2-B	0:Unknown	0	ALCOHOL.gcm
18	C2025-0241-3	0:Unknown	0	ALCOHOL.gcm
19	C2025-0241-3-B	0:Unknown	0	ALCOHOL.gcm
20	C2025-0241-4	0:Unknown	0	ALCOHOL.gcm
21	C2025-0241-4-B	0:Unknown	0	ALCOHOL.gcm
22	C2025-0227-1	0:Unknown	0	ALCOHOL.gcm
23	C2025-0227-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2025-0229-1	0:Unknown	0	ALCOHOL.gcm
25	C2025-0229-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2025-0235-1	0:Unknown	0	ALCOHOL.gcm
27	C2025-0235-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2025-0249-1	0:Unknown	0	ALCOHOL.gcm
29	C2025-0249-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2025-0256-1	0:Unknown	0	ALCOHOL.gcm
31	C2025-0256-1-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	C2025-0262-1	0:Unknown	0	ALCOHOL.gcm
35	C2025-0262-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2025-0263-1	0:Unknown	0	ALCOHOL.gcm
37	C2025-0263-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2025-0268-1	0:Unknown	0	ALCOHOL.gcm
39	C2025-0268-1-B	0:Unknown	0	ALCOHOL.gcm
40	QC-2-2	0:Unknown	0	ALCOHOL.gcm
41	QC-2-2-B	0:Unknown	0	ALCOHOL.gcm
42	INT STD BLK 4	0:Unknown	0	ALCOHOL.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):

2-13-2025

Calibration Date: (if different)

Worklist #

7043

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0816 g/100cc	
					g/100cc	
					g/100cc	
Level 2	Mar-26	2110181	0.2030	0.1827 - 0.2233	0.1960 g/100cc	
					0.1966 g/100cc	
					g/100cc	
Multi-Component mixture:		Exp:	May 31, 2028	Lot #	FN05302307	OK
Curve Fit:			Column 1	0.99980	Column2	0.99979

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0524	0.0526	0.0002	0.0525
100	0.100	0.090 - 0.110	0.1001	0.1000	0.0001	0.1
200	0.200	0.180 - 0.220	0.1970	0.1967	0.0003	0.1968
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.3974	0.3976	0.0002	0.3975
500	0.500	0.450 - 0.550	0.5029	0.5029	0.0000	0.5029

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

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Internal Standard Monitoring Worksheet

Worklist #:	7043	Run Date(s):	2-13-2025
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Internal Standard Solution: Lot# A014463901	Prep Date: 12/26/2024	Exp Date: 6/26/2025
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Sample Name	Column 1 Value	Column 2 Value
0.080	248229	252817
0.080	250750	255787
QC1	253590	258824
QC1	252589	257963
QC1		
QC1		
QC1		
QC1		
QC2	263232	268635
QC2	271900	278142
QC2	285033	290700
QC2	269843	275238
QC2		
QC2		

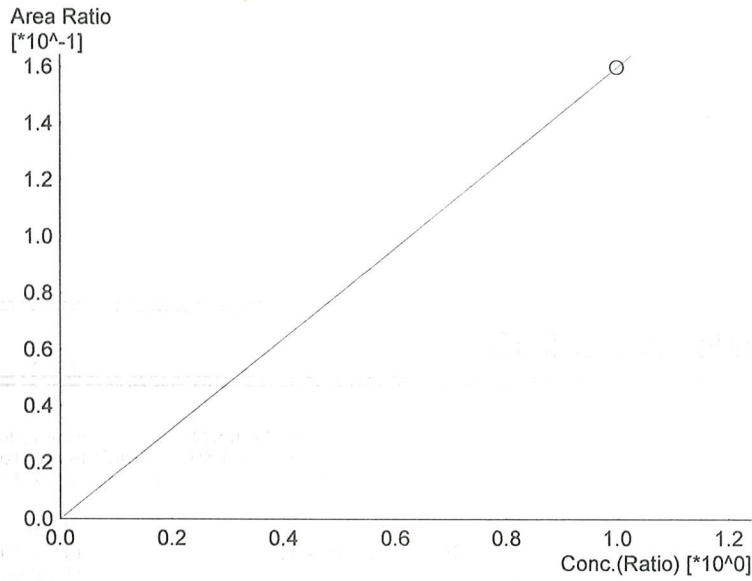
	Average	(-)20%	(+)20%
Column 1	261895.8	209516.6	314274.9
Column 2	267263.3	213810.6	320715.9

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Calibration Table

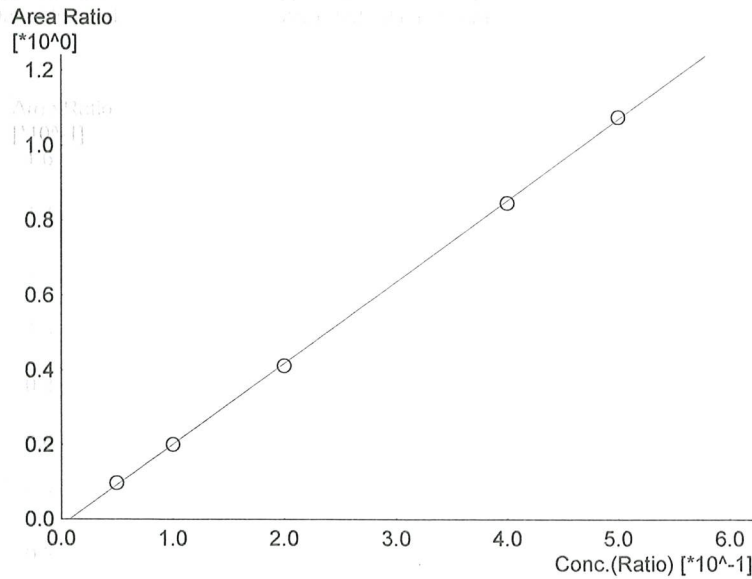
Laboratory : Coeur d'Alene
 Instrument Name : BML8F33-Instrument1
 Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
 Method File :Default Project - ALCOHOL.gcm
 Batch File :Default Project - 2-13-25.gcb
 Date Acquired :2/13/2025 2:31:48 PM
 Date Created :2/13/2025 2:29:10 PM
 Date Modified :2/14/2025 9:04:09 AM



Name : Methanol
 Detector Name: FID1
 Function : $f(x)=0.159801*x+0$
 R^2 value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

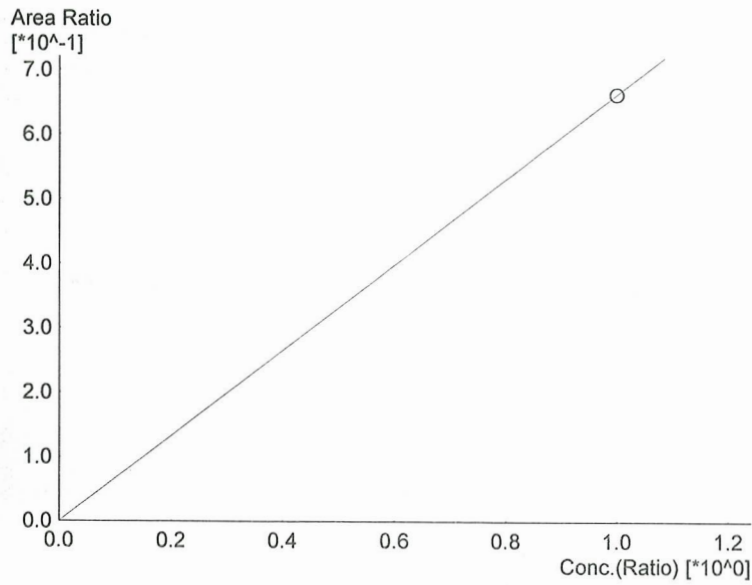
#	Conc.	Area	Std. Conc.
6	1.000	47981	1.0000



Name : Ethanol
 Detector Name: FID1
 Function : $f(x)=2.17256*x-0.0167830$
 R^2 value= 0.9998013
 FitType: Linear
 ZeroThrough: Not Through

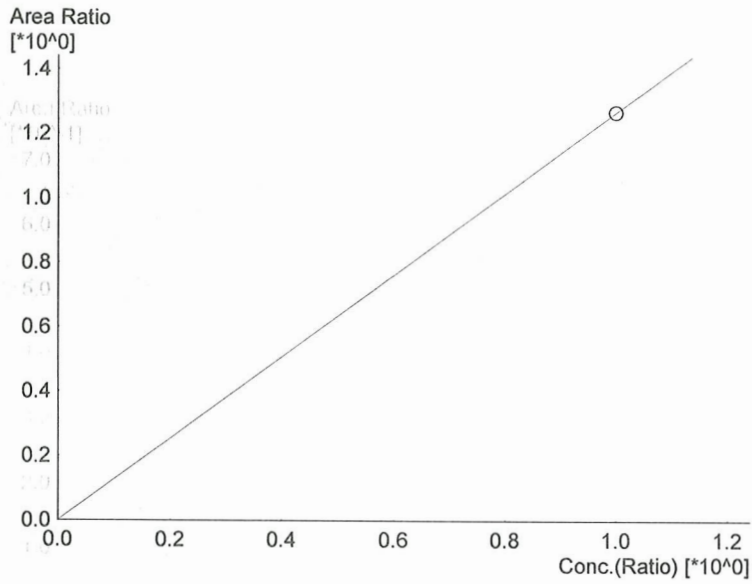
#	Conc.	Area	Std. Conc.
1	0.050	23073	0.0524
2	0.100	48504	0.1001
3	0.200	99009	0.1970
4	0.400	207690	0.3974
5	0.500	263242	0.5029

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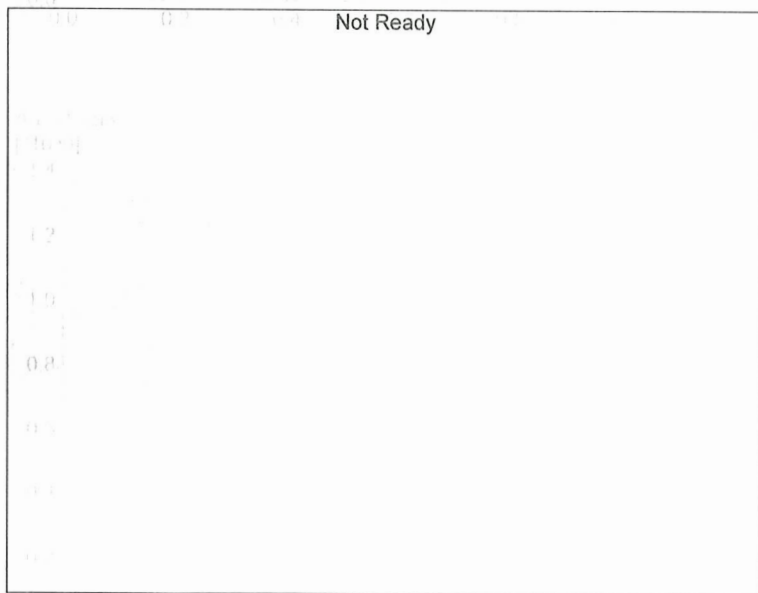
Name : Isopropyl Alcohol
 Detector Name: FID1
 Function : $f(x)=0.663148*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	199114	1.0000



Name : Acetone
 Detector Name: FID1
 Function : $f(x)=1.26756*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

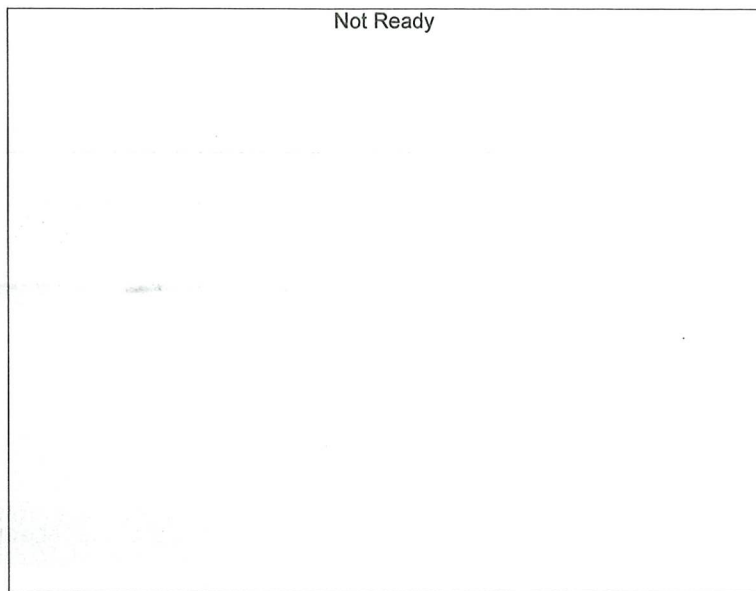
#	Conc.	Area	Std. Conc.
6	1.000	380592	1.0000



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

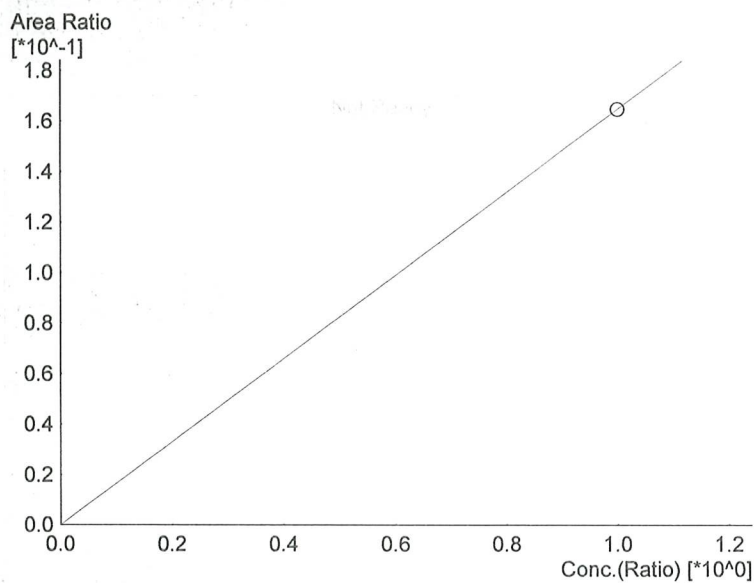
#	Conc.	Area	Std. Conc.
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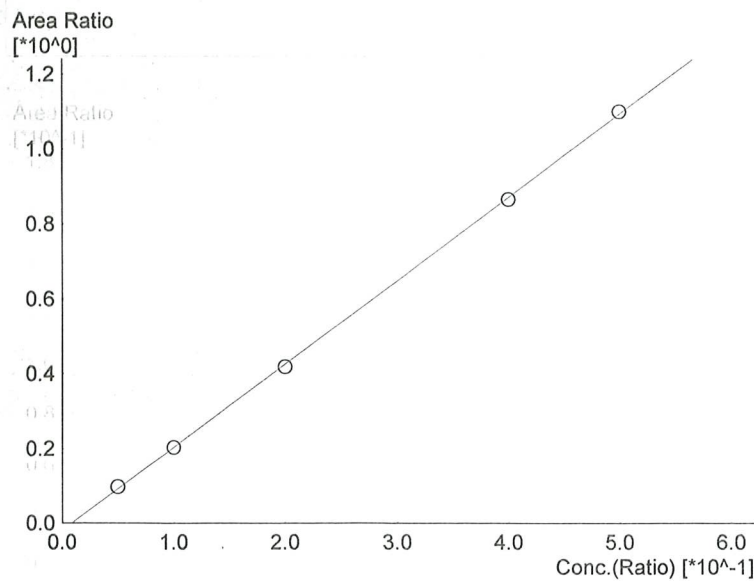
Name : TFE
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Name : Methanol
 Detector Name: FID2
 Function : $f(x)=0.164848*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

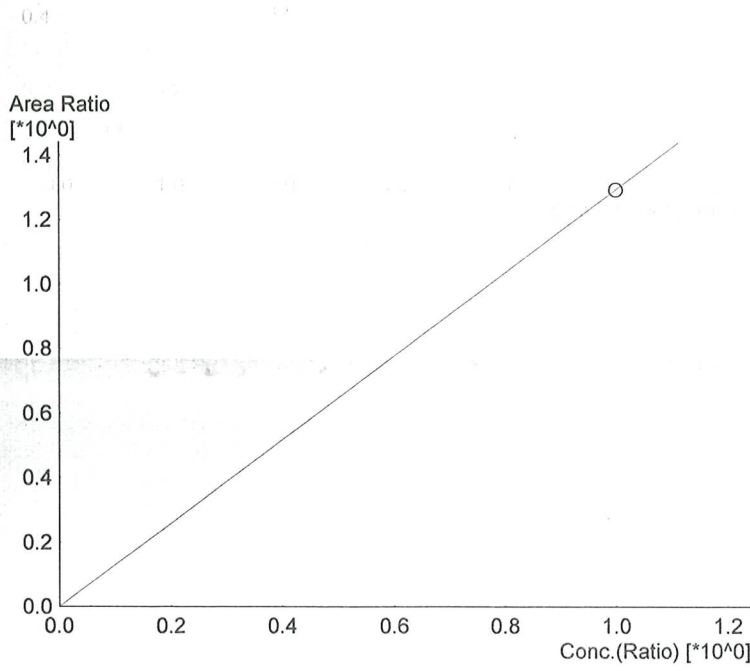
#	Conc.	Area	Std. Conc.
6	1.000	50625	1.0000



Name : Ethanol
 Detector Name: FID2
 Function : $f(x)=2.22670*x-0.0195784$
 R² value= 0.9997901
 FitType: Linear
 ZeroThrough: Not Through

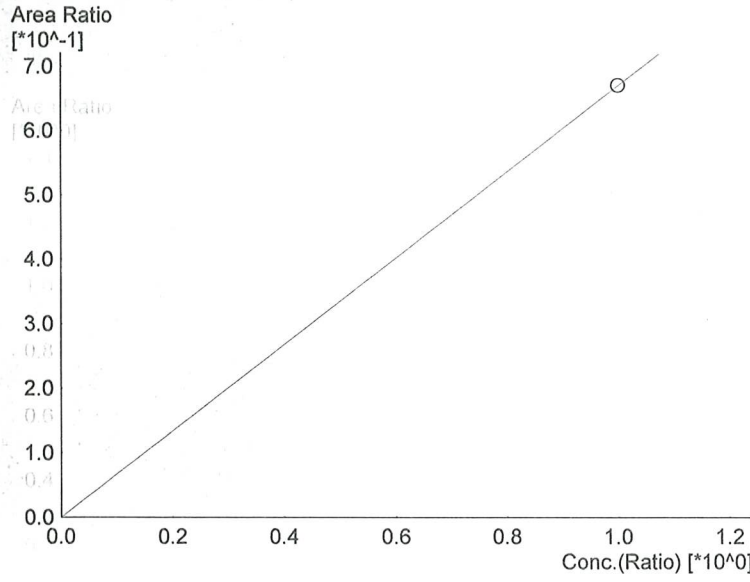
#	Conc.	Area	Std. Conc.
1	0.050	23584	0.0526
2	0.100	49921	0.1000
3	0.200	102386	0.1967
4	0.400	216046	0.3976
5	0.500	273923	0.5029

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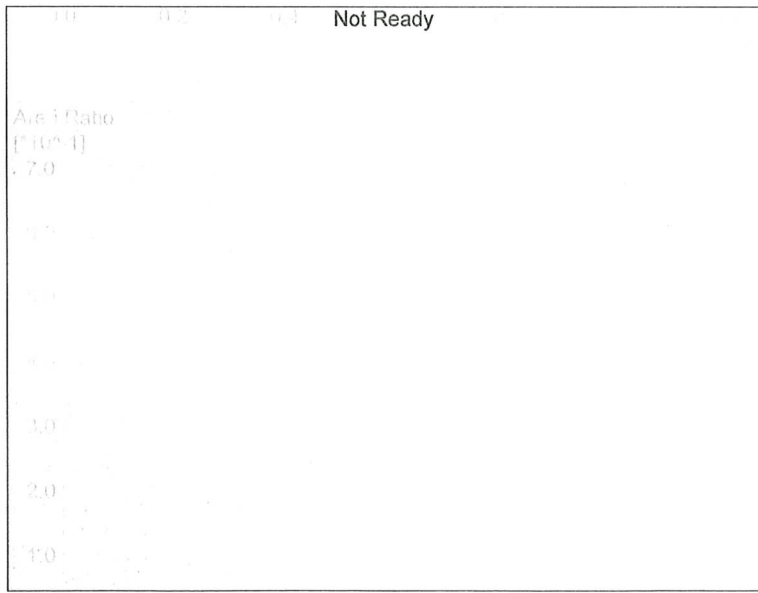
Name : Acetone
 Detector Name: FID2
 Function : $f(x)=1.29415*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	397435	1.0000



Name : Isopropyl Alcohol
 Detector Name: FID2
 Function : $f(x)=0.670726*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

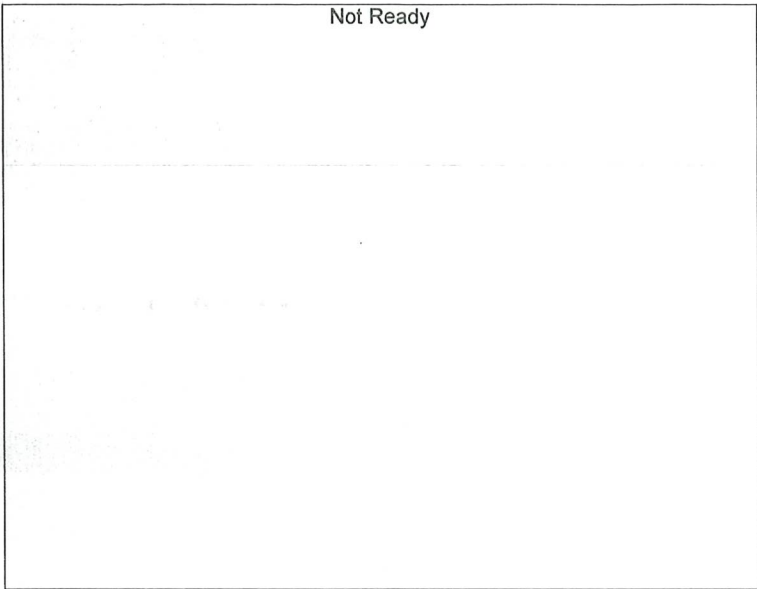
#	Conc.	Area	Std. Conc.
6	1.000	205981	1.0000



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

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

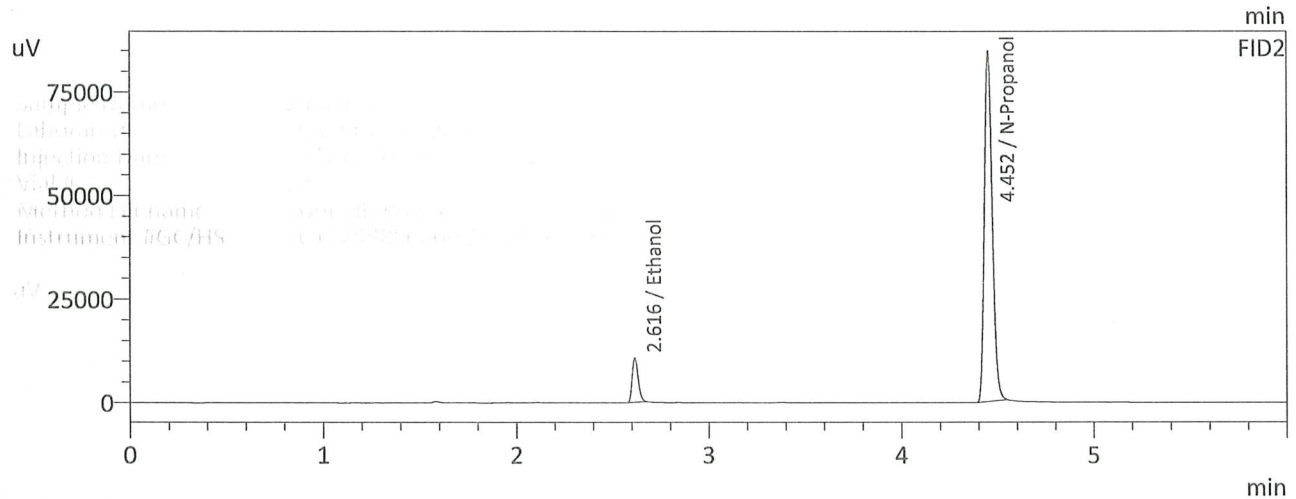
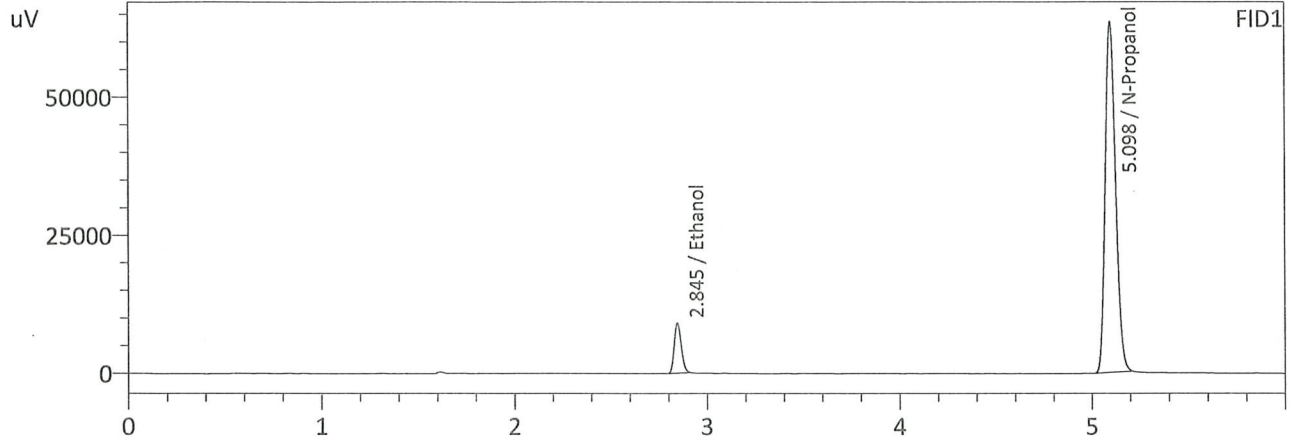
#	Conc.	Area	Std. Conc.
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Not Ready

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

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Sample Name : 0.050 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 1:53:02 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0524	23073	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	237715	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

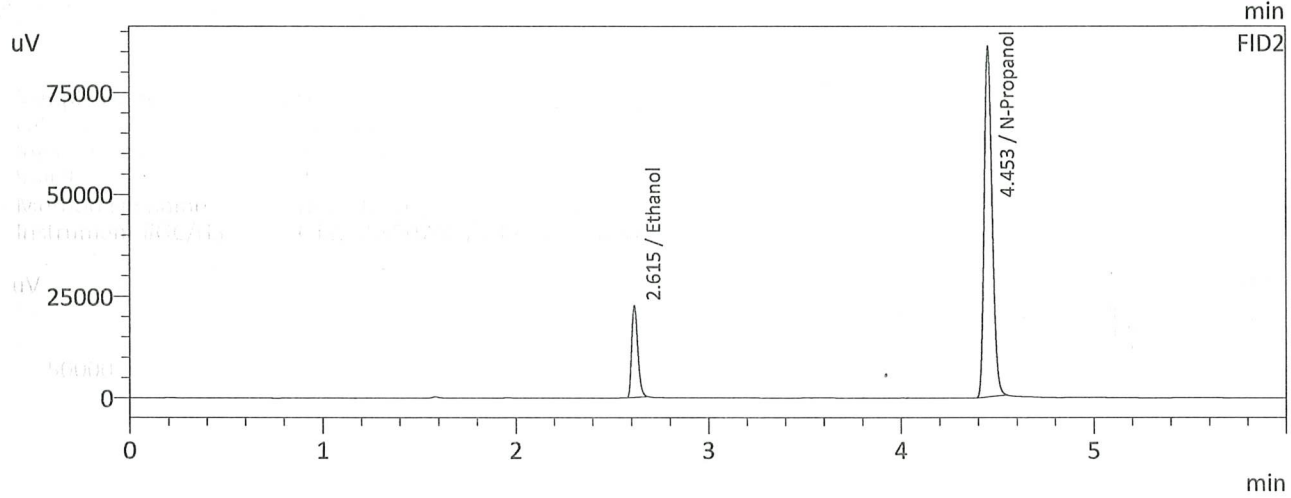
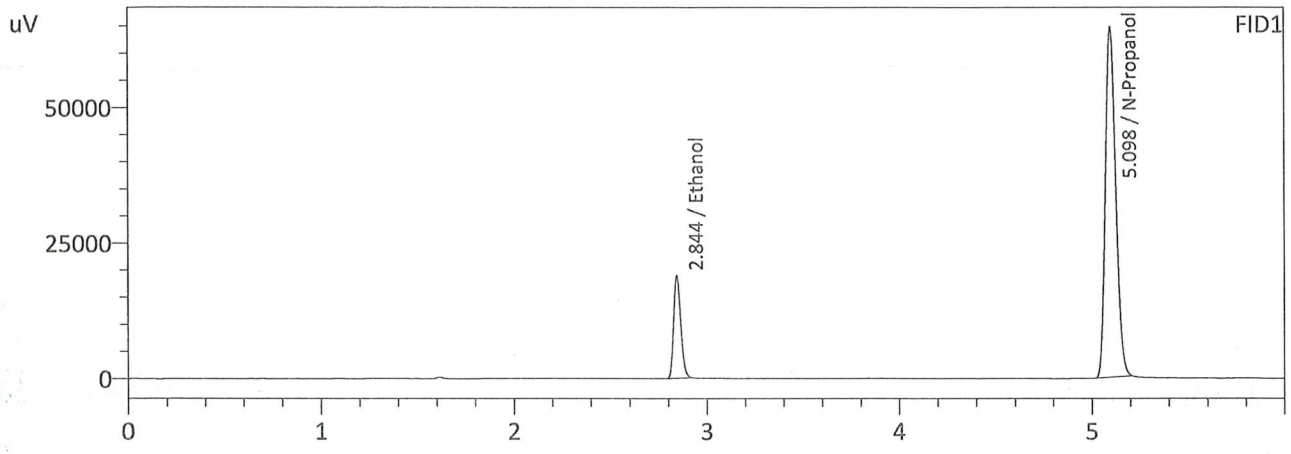
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0526	23584	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	241654	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

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HD2

Name
Methanol
Ethanol
Acetone

Sample Name : 0.100 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 2:03:45 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

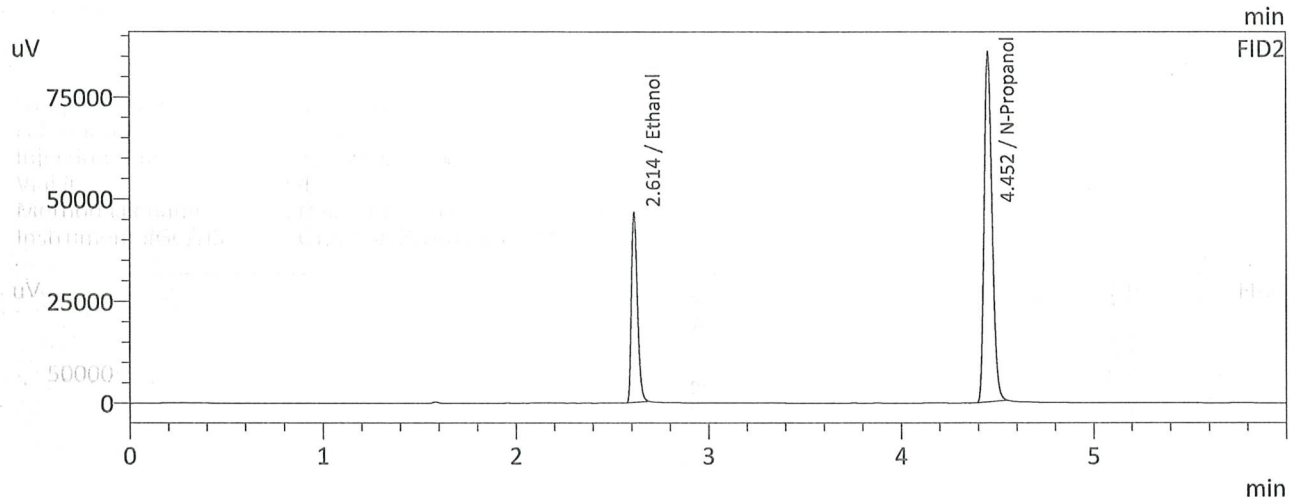
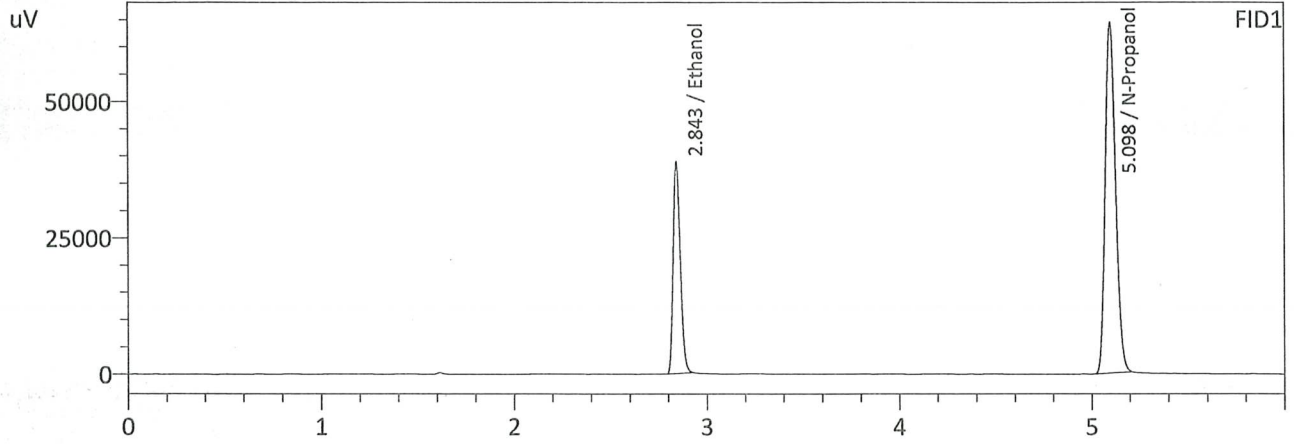
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1001	48504	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	241612	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1000	49921	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	245567	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

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Sample Name : 0.200 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 2:12:24 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

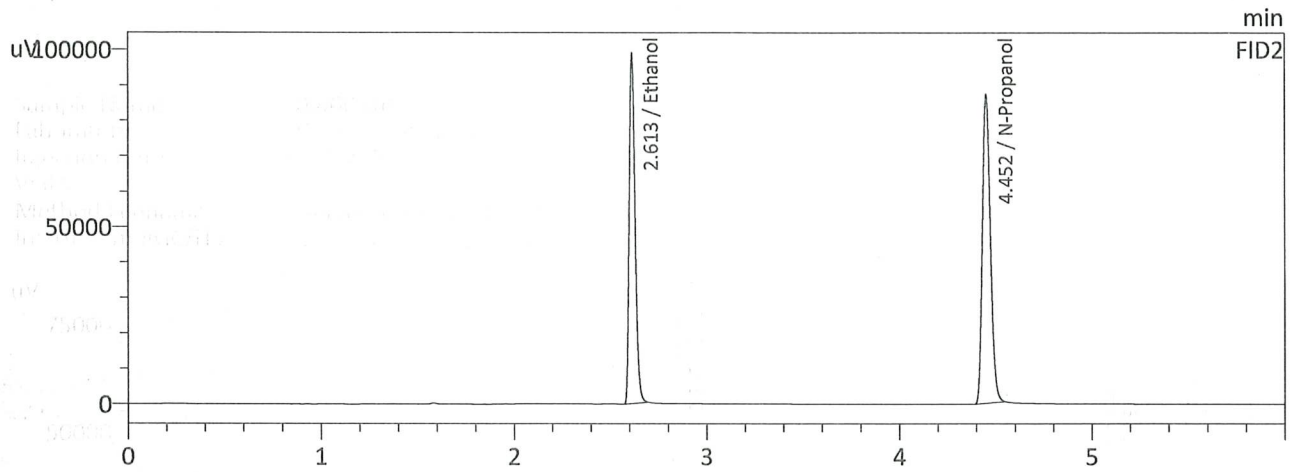
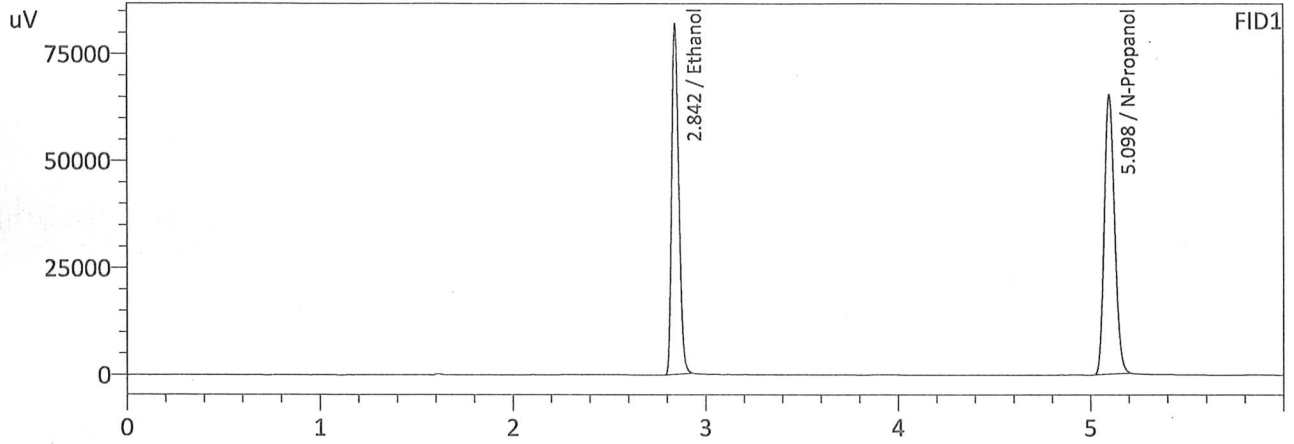
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1970	99009	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240658	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	102386	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244659	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

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Sample Name : 0.400 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 2:23:08 PM
 Vial # : 5
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

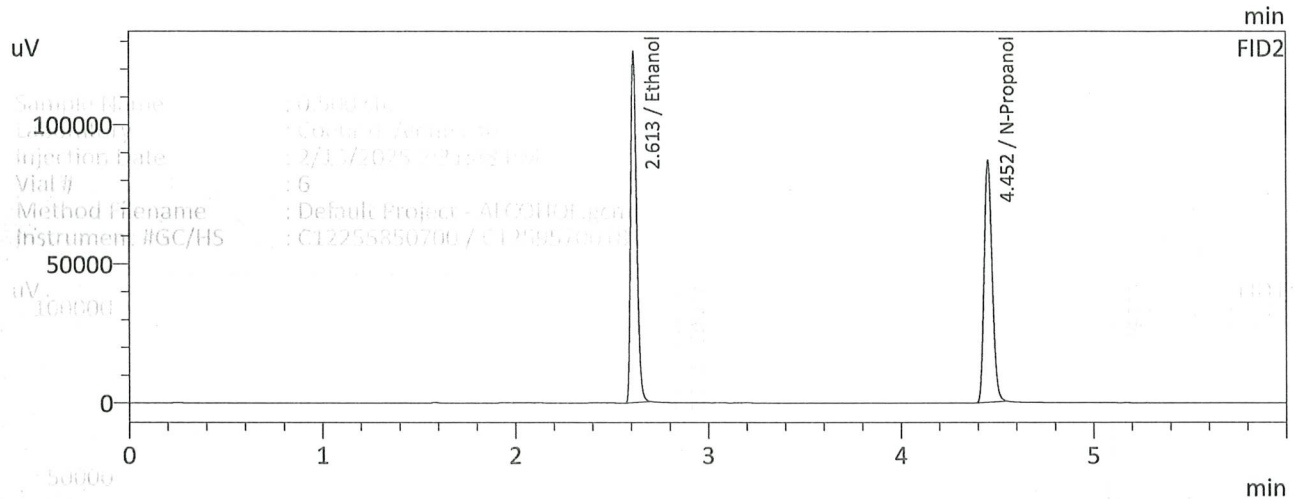
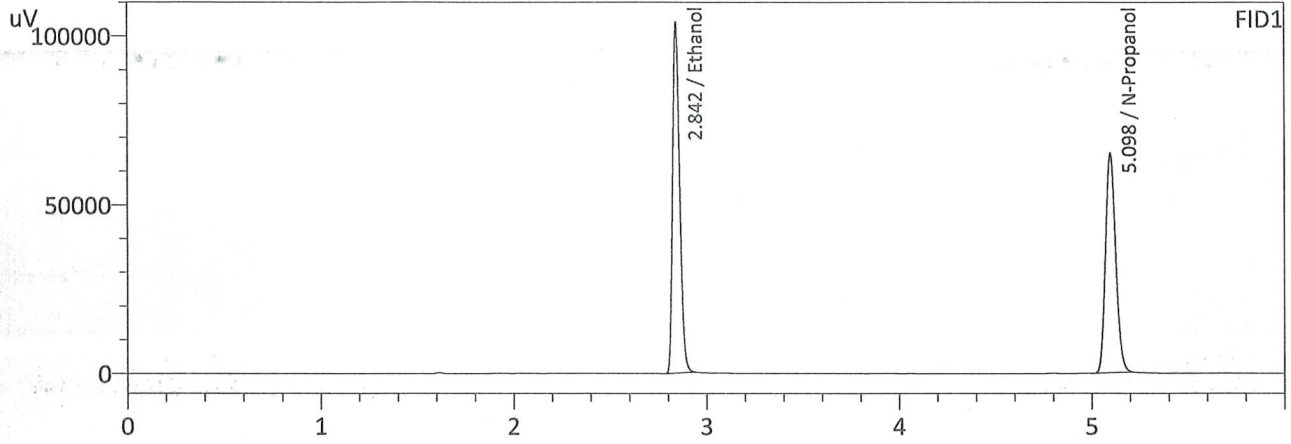
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3974	207690	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245321	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3976	216046	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249509	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

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Sample Name : 0.500 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 2:31:48 PM
 Vial # : 6
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5029	263242	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	244659	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5029	273923	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	248967	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID1

Name Conc Area

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA std			Analysis Date(s): 2/13/2025 3:30:00 PM(-08:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0820	0.0825	0.0005	0.0822	0.0005	0.0825
(g/100cc)	0.0828	0.0827	0.0001	0.0827		

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.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results:

Uncertainty of Measurements (UM%): 5.00%

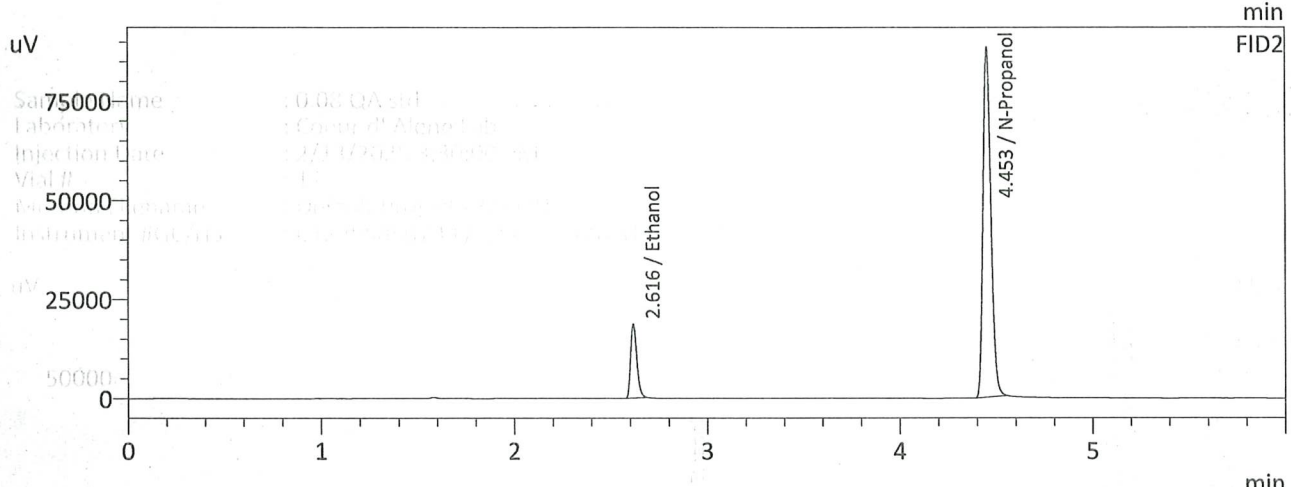
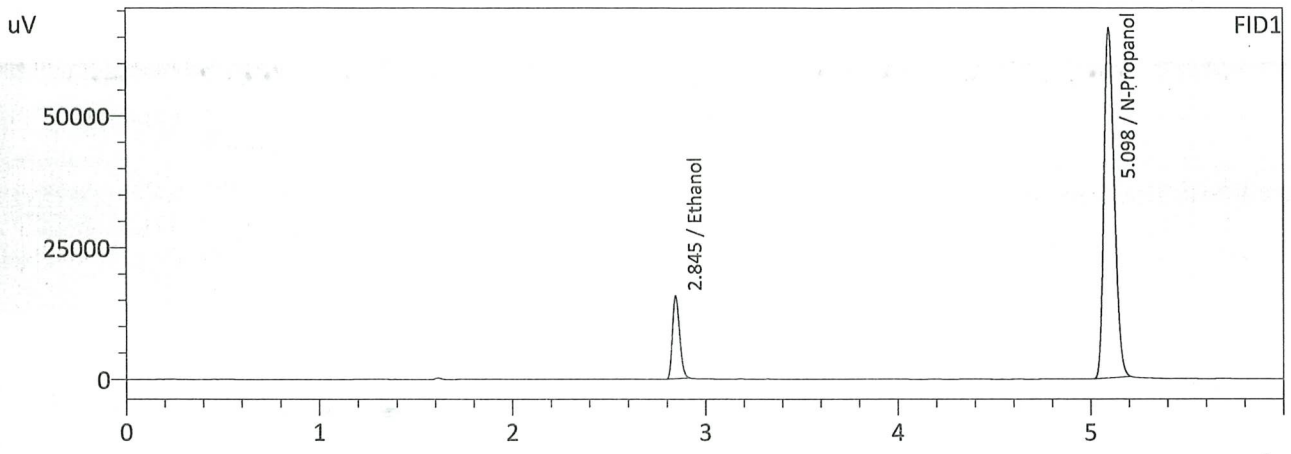
Overall Mean (g/100cc)

0.082

Calibration and control data are stored centrally.

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Sample Name : 0.08 QA std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 3:30:00 PM
 Vial # : 12
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0820	40096	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	248229	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

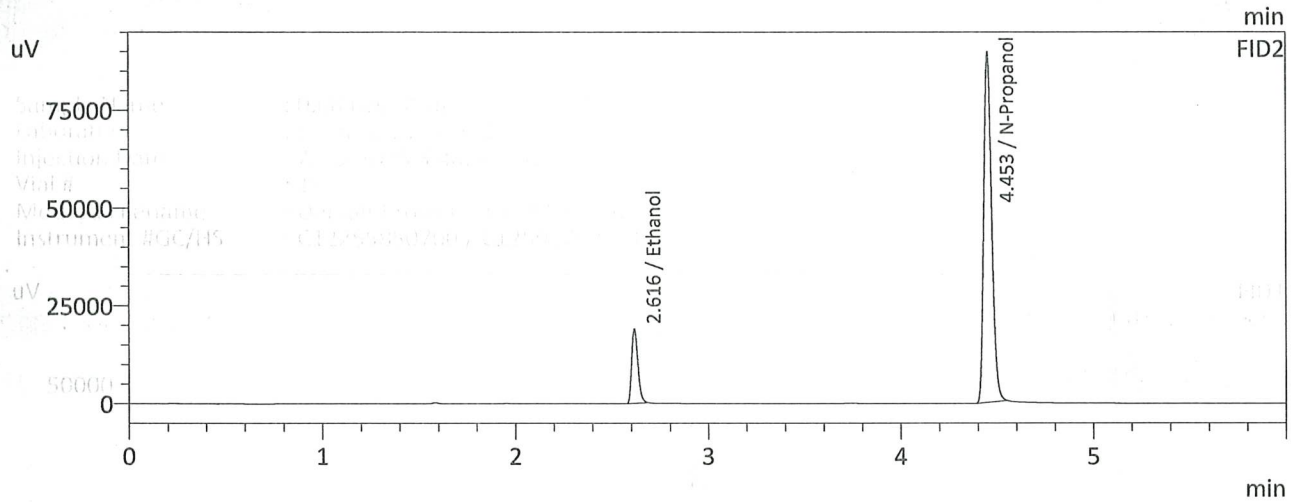
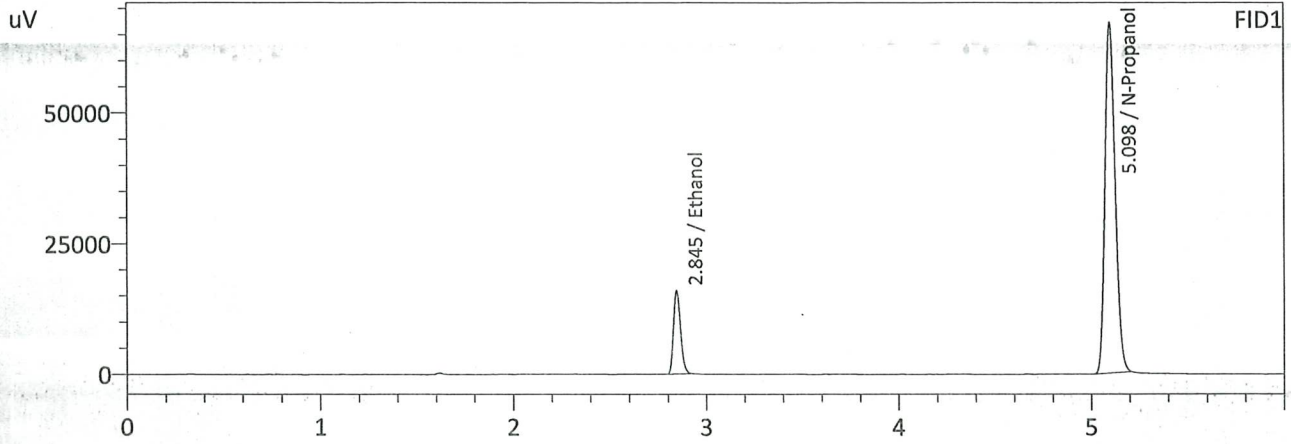
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0825	41511	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	252817	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID1

99

Sample Name : 0.08 QA - B std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 3:40:45 PM
 Vial # : 13
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	40929	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	250750	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	42102	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	255787	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

Ethanol
 Isopropanol
 Acetone
 n-Propanol
 DFE
 ME

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1		Analysis Date(s): 2/13/2025 3:10:34 PM(-08:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0807	0.0810	0.0003	0.0808	0.0016	0.0816
(g/100cc)	0.0826	0.0823	0.0003	0.0824		

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
0.081	0.076	0.086	0.005

Laboratory No: QC-1-1	Reported Results
	0.081

Calibration and control data are stored centrally.

Analysis Method

Refer to Blood Alcohol Method #1

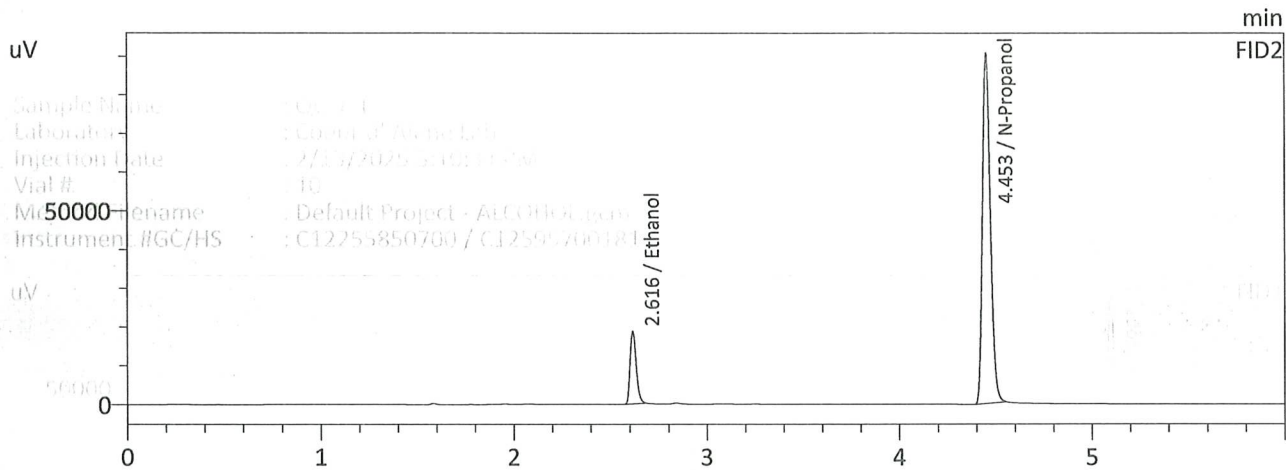
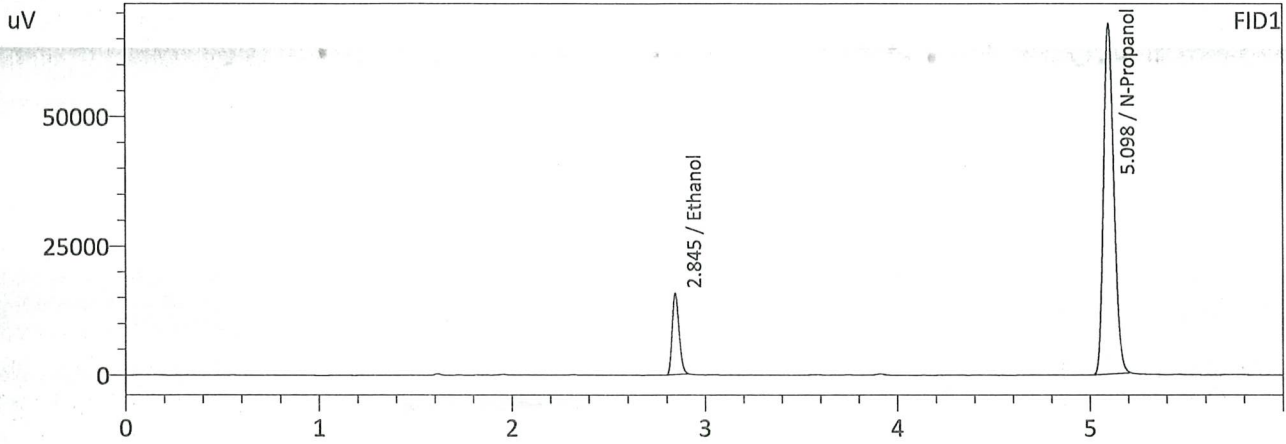
Reporting of Results

Overall Mean (g/100cc)	Low	High	5 % of Mean
0.081	0.076	0.086	0.005

Calibration and control data are stored centrally.

99

Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 3:10:34 PM
 Vial # : 10
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	40224	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	253590	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

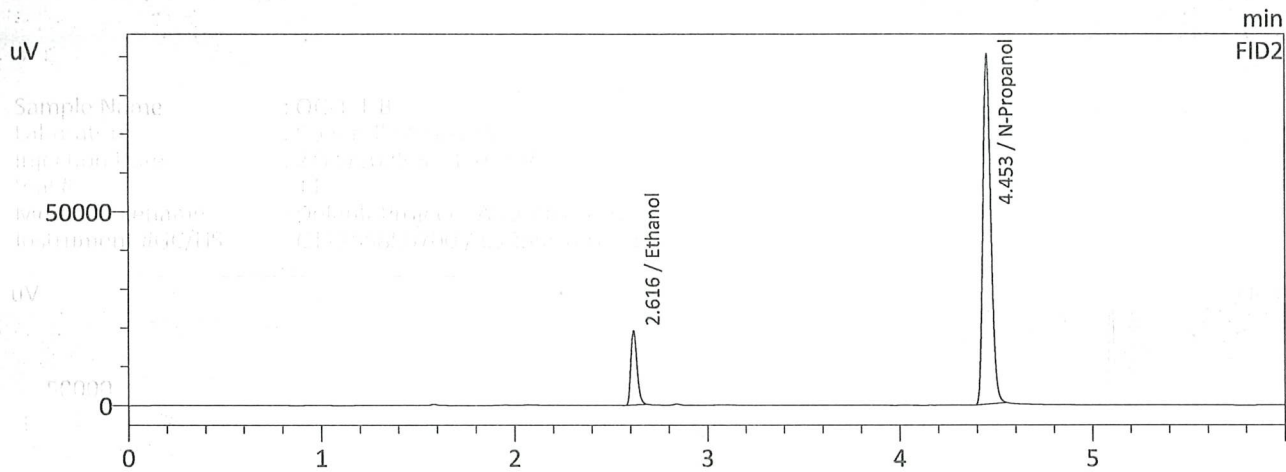
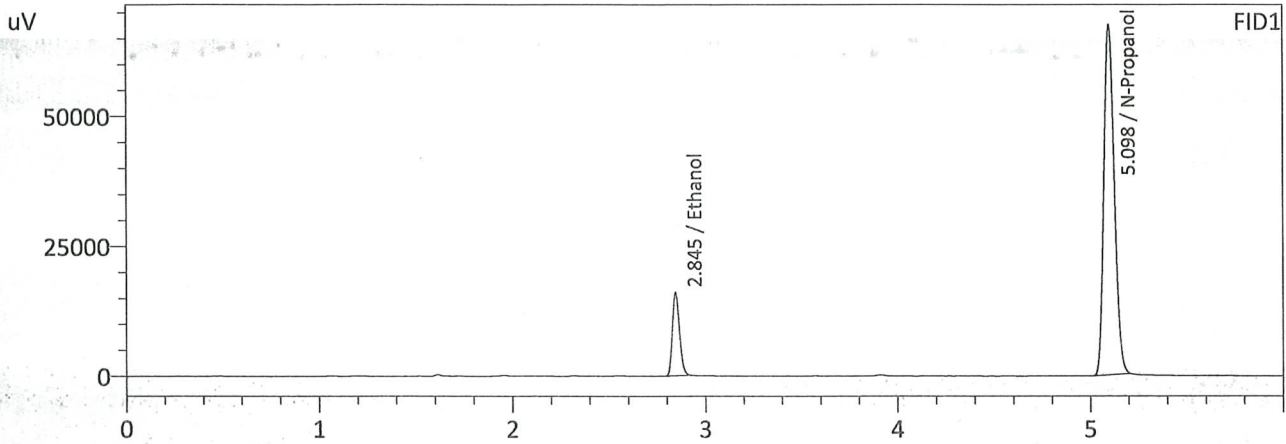
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0810	41616	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258824	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

Name
 Methanol
 Ethanol
 Acetone
 Isopropyl Alcohol
 N-Propanol

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 3:21:20 PM
 Vial # : 11
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	41143	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252589	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0823	42273	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257963	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1			Analysis Date(s): 2/13/2025 6:44:00 PM(-08:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1963	0.1955	0.0008	0.1959	0.0002	0.1960
(g/100cc)	0.1965	0.1957	0.0008	0.1961		

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
0.196	0.186	0.206	0.010

Laboratory No: QC-2-1	Reported Results	Date(s): 2/13/2025 6:44:00 PM(-08:00)
	0.196	

Calibration and control data are stored centrally.

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

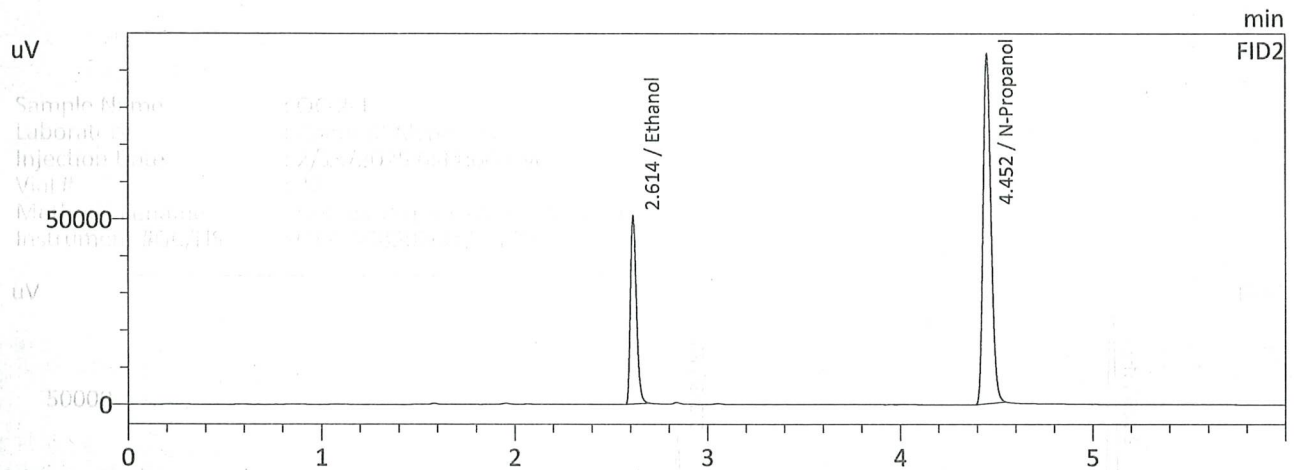
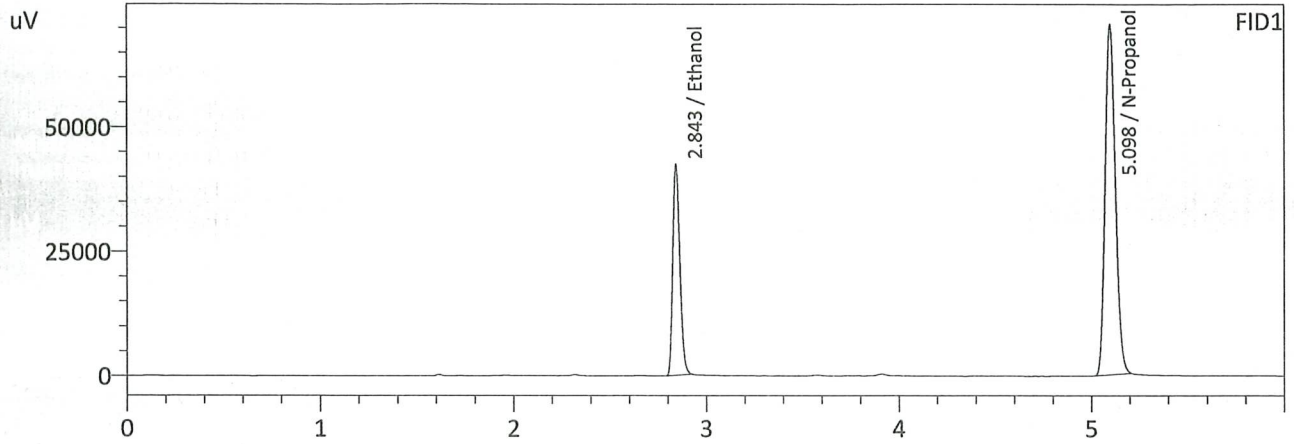
Reporting of Results

Overall Mean (g/100cc)	Low	High	5 % of Mean
0.196	0.186	0.206	0.010

Reported Results

99

Sample Name : QC-2-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 6:44:00 PM
 Vial # : 32
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

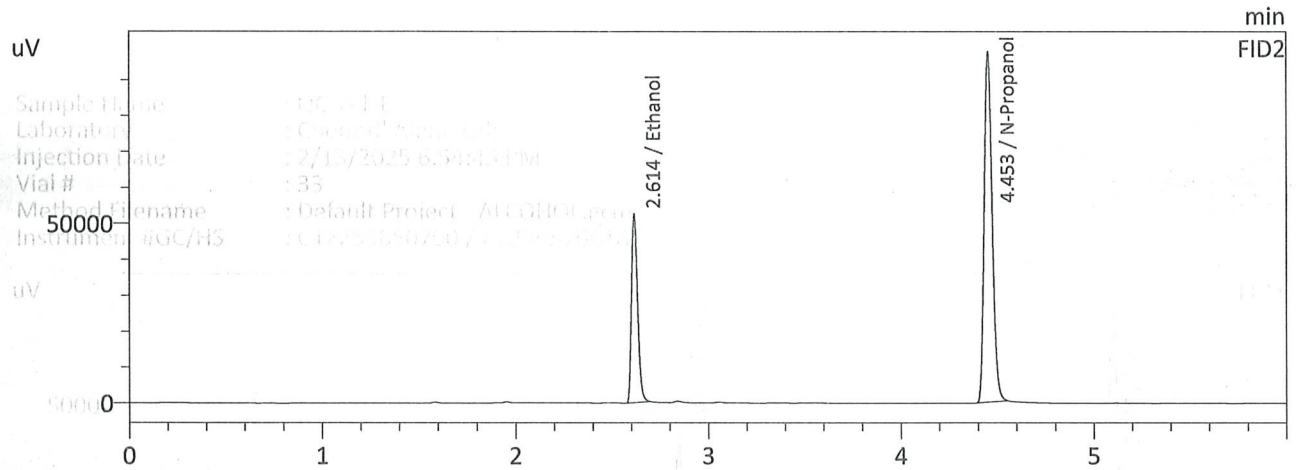
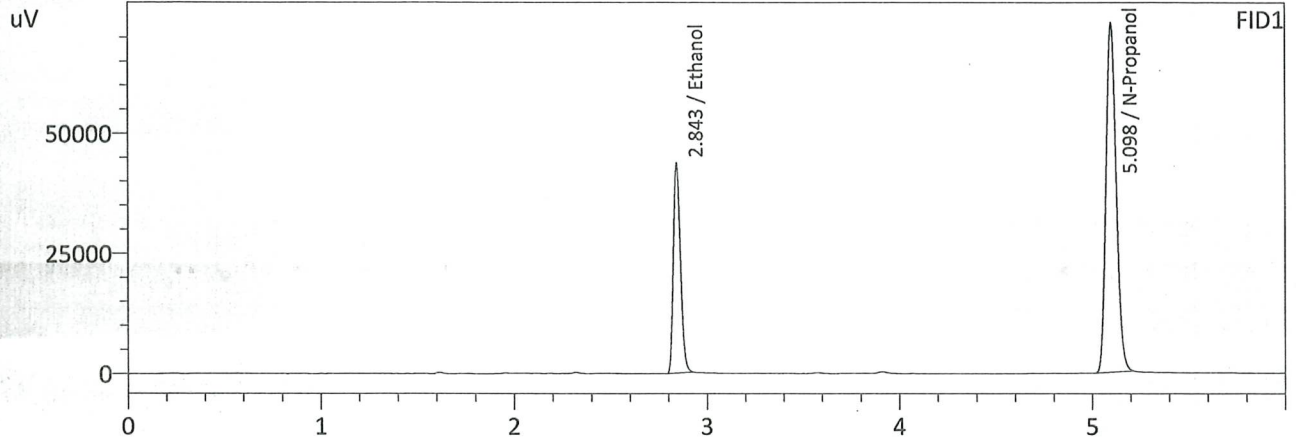
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1963	107900	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263232	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1955	111698	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	268635	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

Sample Name : QC-2-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 6:54:45 PM
 Vial # : 33
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	111542	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	271900	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1957	115774	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	278142	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID1

Name

Conc.

Area

Unit

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2		Analysis Date(s): 2/13/2025 8:01:41 PM(-08:00)				
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1976	0.1963	0.0013	0.1969	0.0006	0.1966
(g/100cc)	0.1970	0.1957	0.0013	0.1963		

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
0.196	0.186	0.206	0.010

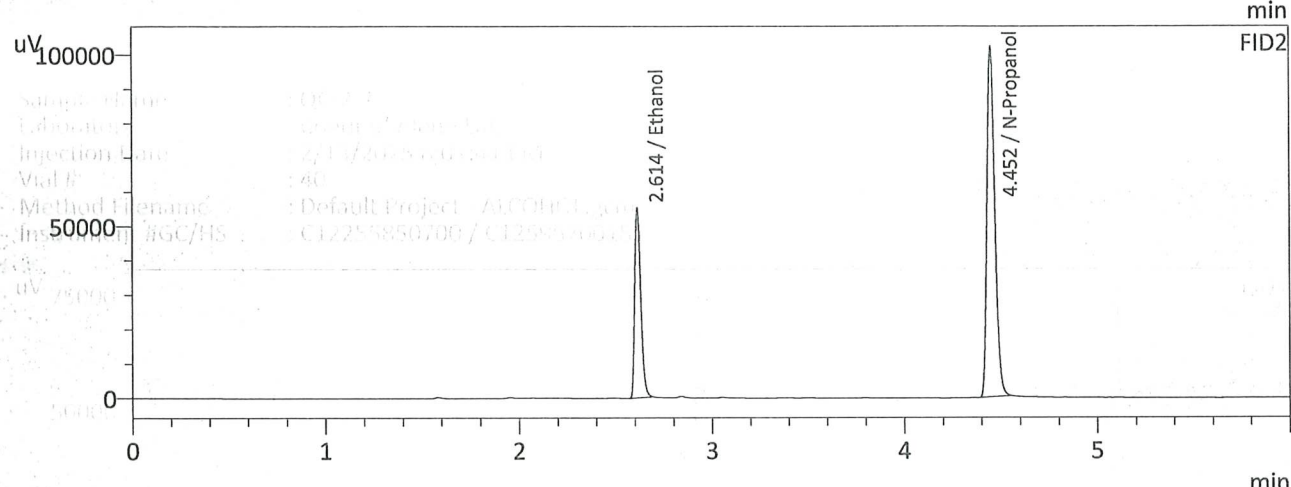
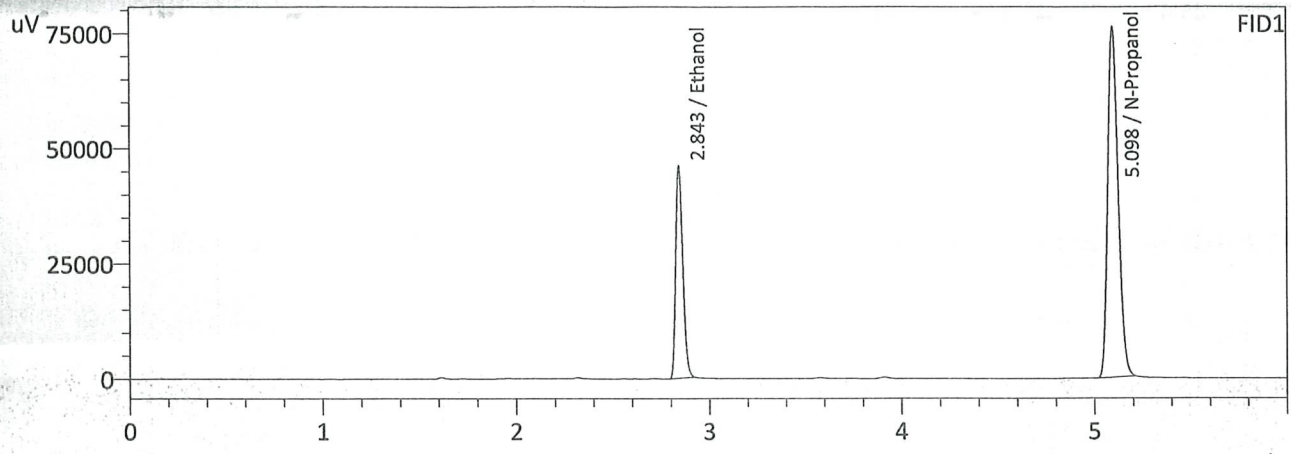
Laboratory	Reported Results	
	0.196	

Calibration and control data are stored centrally.

Refer to Blood Alcohol Method #1

99

Sample Name : QC-2-2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 8:01:41 PM
 Vial # : 40
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

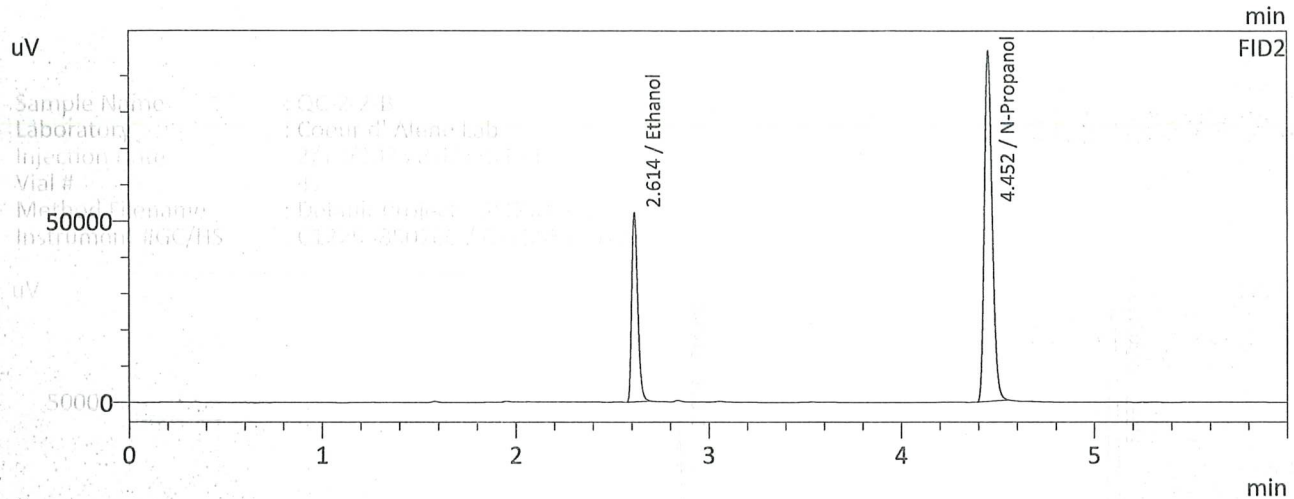
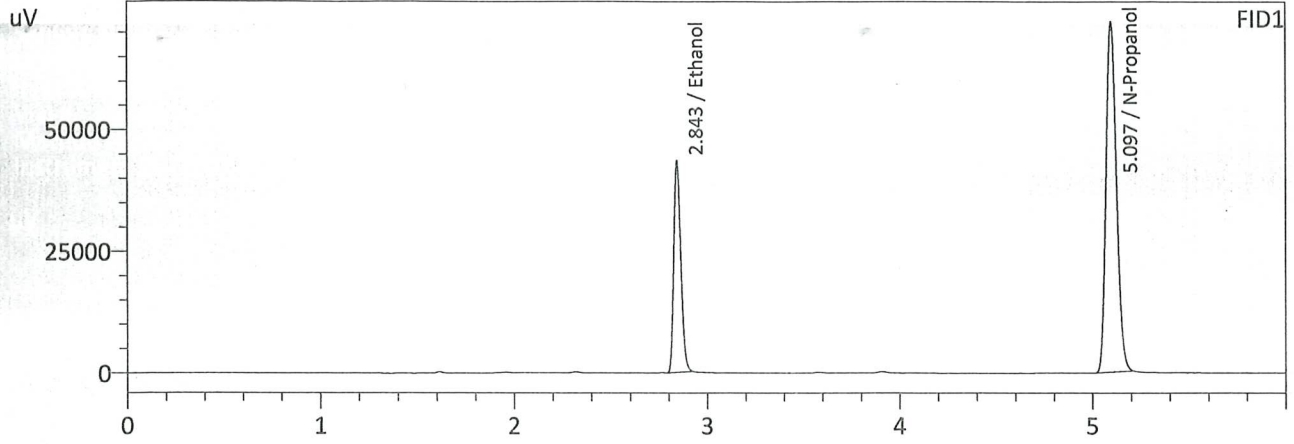
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1976	117609	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	285033	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1963	121395	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	290700	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

Sample Name : QC-2-2-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 8:12:26 PM
 Vial # : 41
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1970	110988	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	269843	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

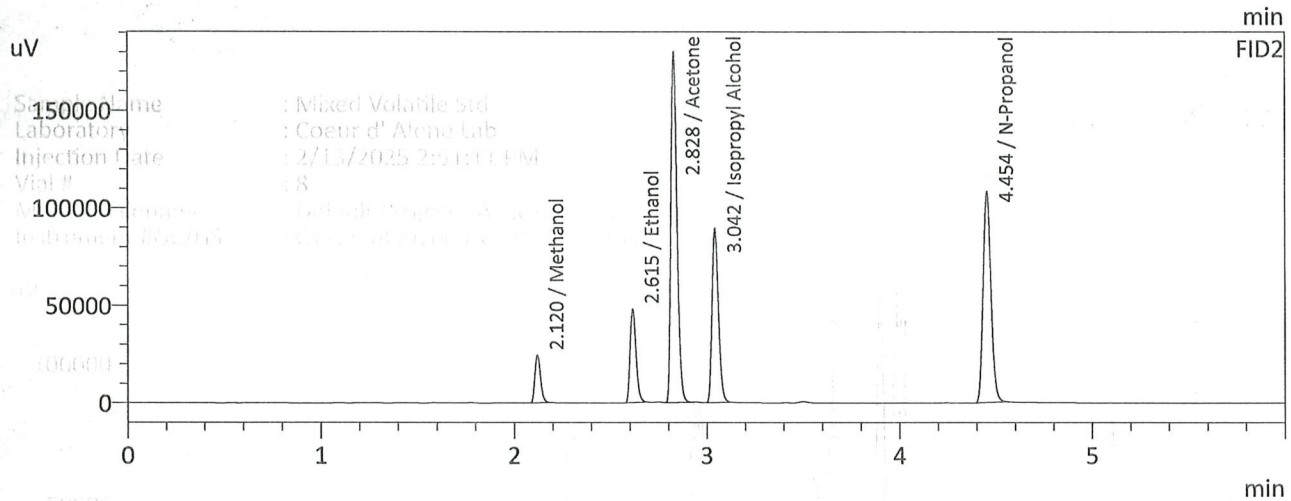
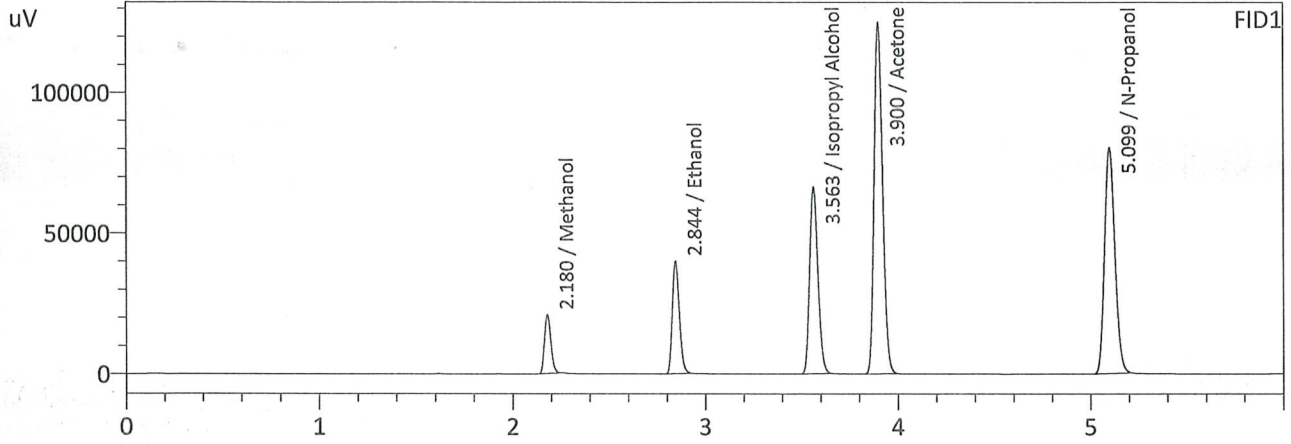
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1957	114556	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275238	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID1

Name

99

Sample Name Propanol : Mixed Volatile Std 0.0000 2.0343
 Laboratory : Coeur d' Alene Lab
 Injection Date DFE : 2/13/2025 2:51:11 PM
 Vial # TFE : 8
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

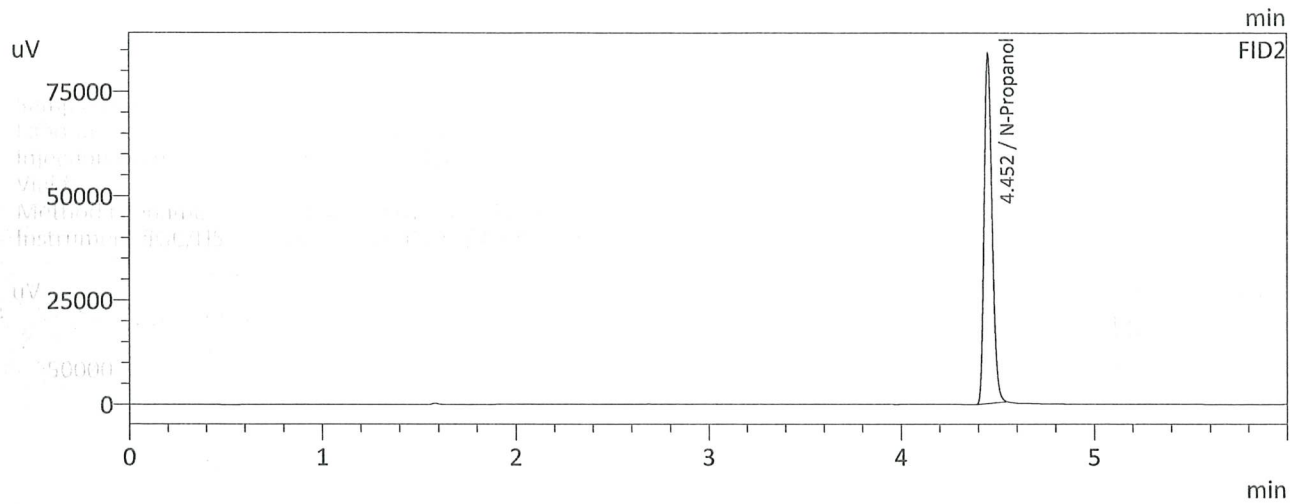
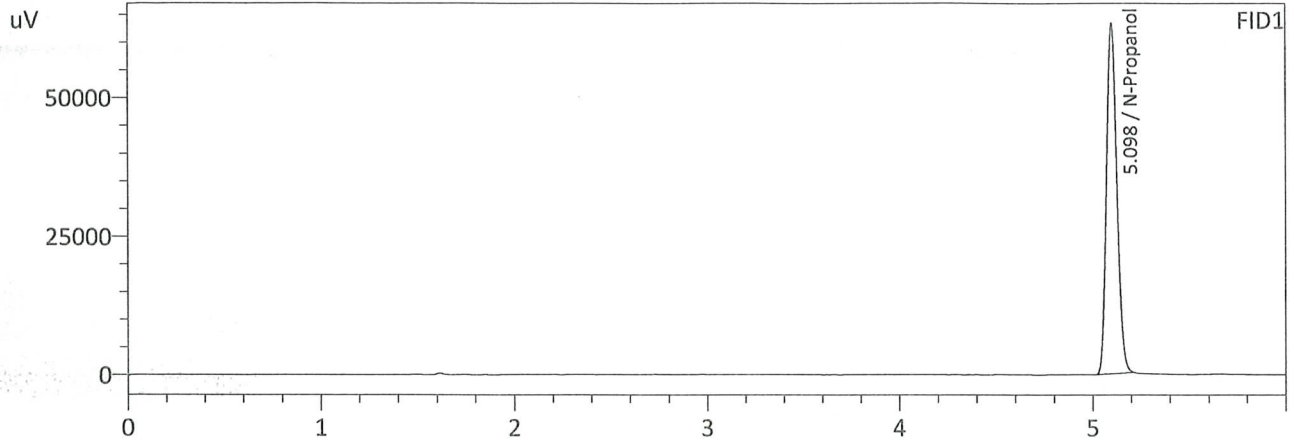
Name	Conc.	Area	Unit
Methanol	1.0000	47981	g/100cc
Ethanol	0.1640	101999	g/100cc
Isopropyl Alcohol	1.0000	199114	g/100cc
Acetone	1.0000	380592	g/100cc
N-Propanol	0.0000	300256	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	50625	g/100cc
Ethanol	0.1629	105438	g/100cc
Acetone	1.0000	397435	g/100cc
Isopropyl Alcohol	1.0000	205981	g/100cc
N-Propanol	0.0000	307102	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

Sample Name : INT STD BLK 1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 1:44:19 PM
 Vial # : 1
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

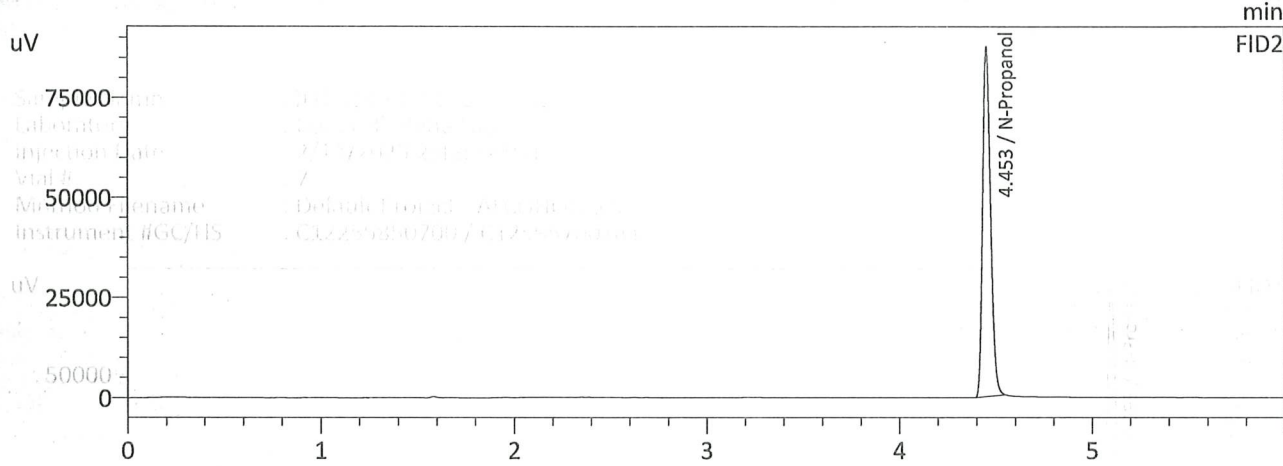
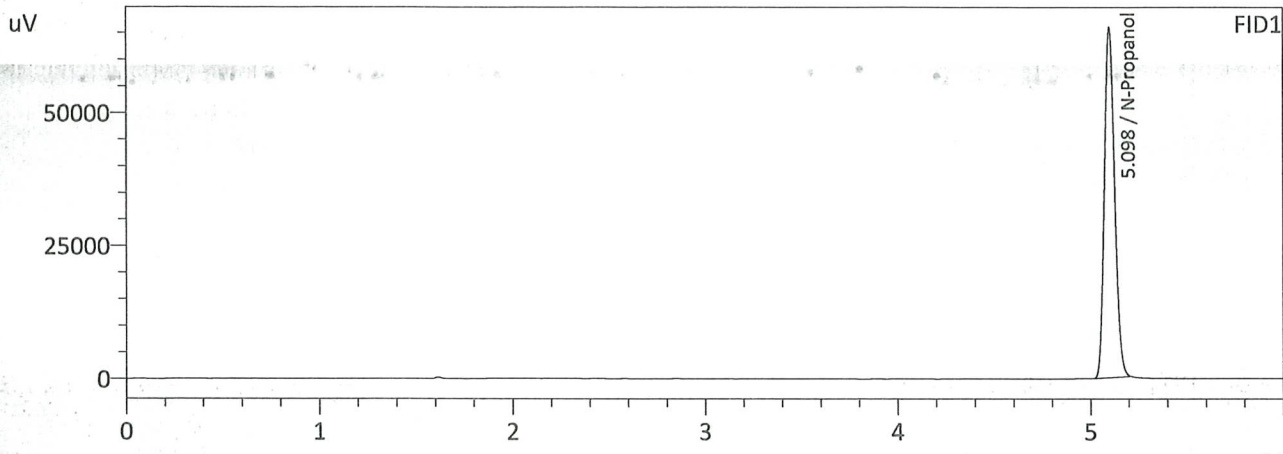
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	236749	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	240595	g/100cc
DFE	--	--	g/100cc

99

Name : INT STD BLK 2
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 2:42:32 PM
 Vial # : 7
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

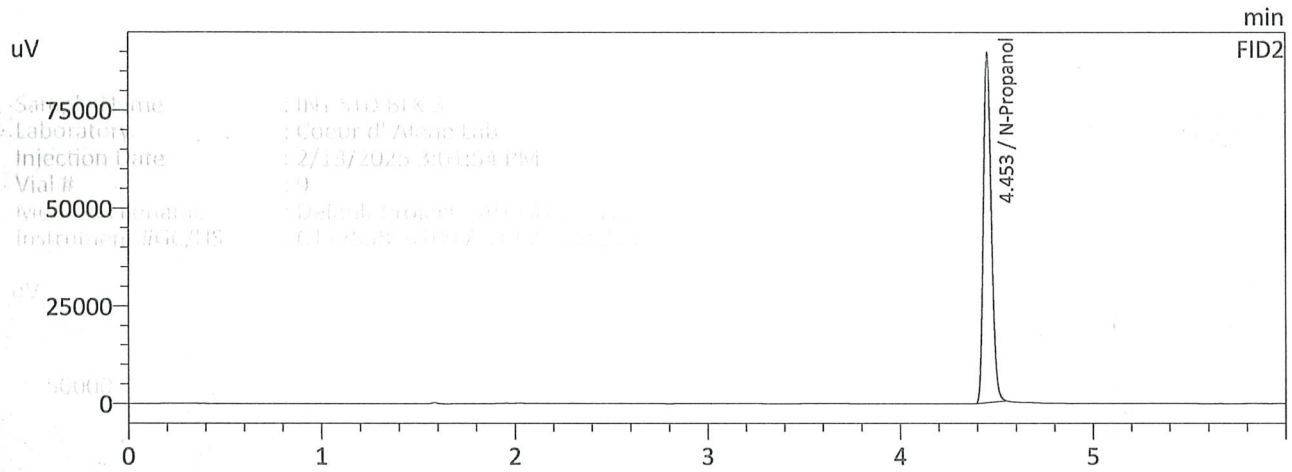
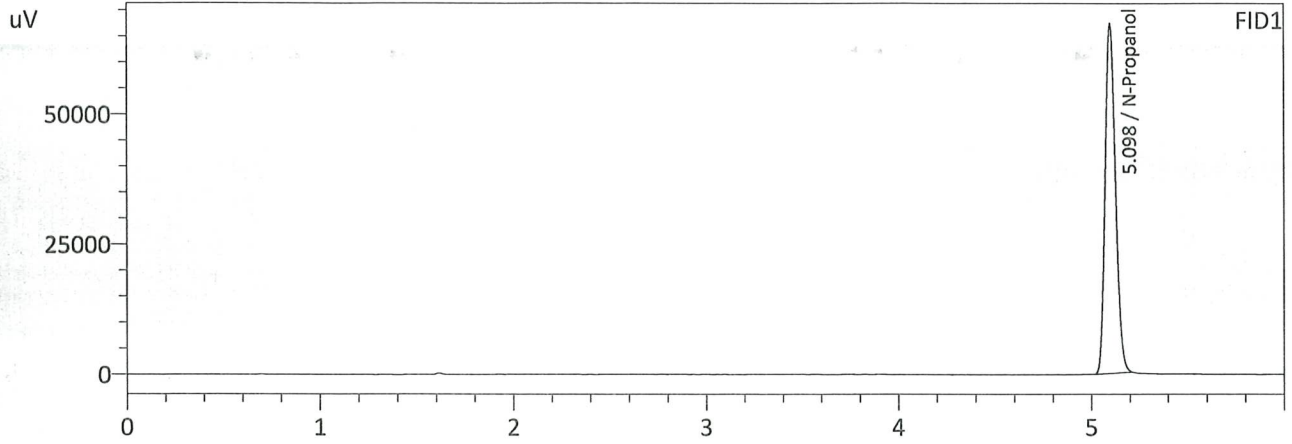
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246251	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250343	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

99

Sample Name : INT STD BLK 3
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 3:01:54 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	251727	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	255998	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID1

Name

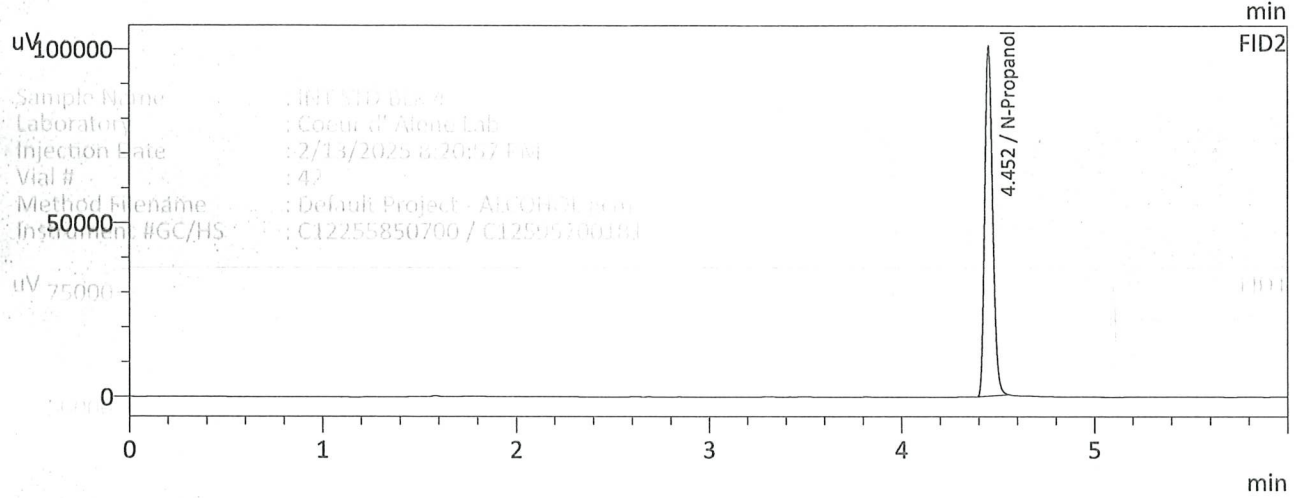
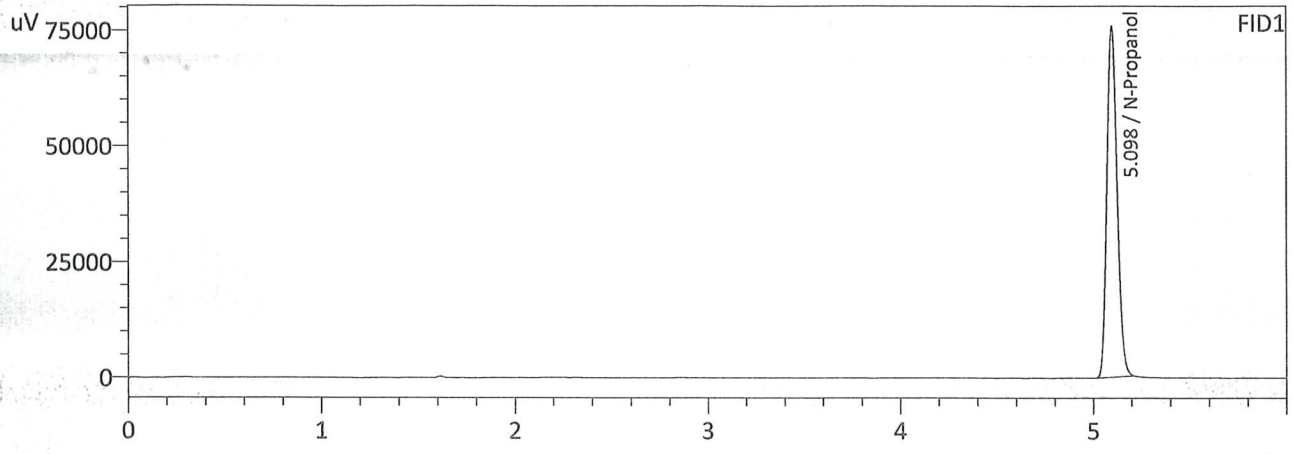
Conc.

Area

Unit

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 2/13/2025 8:20:57 PM
 Vial # : 42
 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	283046	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287799	g/100cc
DFE	--	--	g/100cc
TFE	--	--	g/100cc

FID1

Name Conc Area