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1/16/2025

Worklist: 7021

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2024-2357	1	BCK	Alcohol Analysis	
C2024-2407	1	BCK	Alcohol Analysis	
C2024-2499	1	BCK	Alcohol Analysis	
C2024-2500	1	BCK	Alcohol Analysis	
C2024-2502	1	BCK	Alcohol Analysis	
C2024-2509	1	BCK	Alcohol Analysis	
C2024-2511	1	BCK	Alcohol Analysis	
C2024-2520	1	BCK	Alcohol Analysis	
C2025-0002	1	BCK	Alcohol Analysis	
C2025-0009	1	BCK	Alcohol Analysis	
C2025-0016	1	BCK	Alcohol Analysis	
C2025-0027	1	BCK	Alcohol Analysis	
C2025-0104	1	BCK	Alcohol Analysis	
C2025-0110	1	BCK	Alcohol Analysis	

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-2-1	0:Unknown	0	ALCOHOL.gcm
11	QC-2-1-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	C2024-2357-1	0:Unknown	0	ALCOHOL.gcm
15	C2024-2357-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2024-2407-1	0:Unknown	0	ALCOHOL.gcm
17	C2024-2407-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2024-2499-1	0:Unknown	0	ALCOHOL.gcm
19	C2024-2499-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2024-2500-1	0:Unknown	0	ALCOHOL.gcm
21	C2024-2500-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2024-2502-1	0:Unknown	0	ALCOHOL.gcm
23	C2024-2502-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2024-2509-1	0:Unknown	0	ALCOHOL.gcm
25	C2024-2509-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2024-2511-1	0:Unknown	0	ALCOHOL.gcm
27	C2024-2511-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2024-2520-1	0:Unknown	0	ALCOHOL.gcm
29	C2024-2520-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2025-0002-1	0:Unknown	0	ALCOHOL.gcm
31	C2025-0002-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-2-2	0:Unknown	0	ALCOHOL.gcm
33	QC-2-2-B	0:Unknown	0	ALCOHOL.gcm
34	C2024-0009-1	0:Unknown	0	ALCOHOL.gcm
35	C2024-0009-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2024-0016-1	0:Unknown	0	ALCOHOL.gcm
37	C2024-0016-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2024-0027-1	0:Unknown	0	ALCOHOL.gcm
39	C2024-0027-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2024-0104-1	0:Unknown	0	ALCOHOL.gcm
41	C2024-0104-1-B	0:Unknown	0	ALCOHOL.gcm
42	C2024-0110-1	0:Unknown	0	ALCOHOL.gcm
43	C2024-0110-1-B	0:Unknown	0	ALCOHOL.gcm
44	QC-1-1	0:Unknown	0	ALCOHOL.gcm
45	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
46	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm
47	INT STD tube check	0:Unknown	0	ALCOHOL.gcm

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls

Run Date(s):

1-21-2025

Calibration Date: (if different)

Worklist #

7021

Control level	Expiration	Lot #		Target Value	Acceptable Range	Overall Results	
Level 1	Feb-25	2101199		0.0808	0.0727 - 0.0889	0.0828 g/100cc	
						g/100cc	
						g/100cc	
Level 2	Mar-26	2110181		0.2030	0.1827 – 0.2233	0.2040 g/100cc	
						0.2053 g/100cc	
						g/100cc	
Multi-Component mixture:		Exp:	May 31, 2028	Lot #	FN05302307	OK	
Curve Fit:				Column 1	0.99986	Column2	0.99987

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0518	0.0519	0.0001	0.0518
100	0.100	0.090 - 0.110	0.0993	0.0993	0.0000	0.0993
200	0.200	0.180 - 0.220	0.1971	0.1971	0.0000	0.1971
300	0.300	0.270 - 0.330			0.0000	#DIV/0!
400	0.400	0.360 - 0.440	0.4029	0.4024	0.0005	0.4026
500	0.500	0.450 - 0.550	0.4987	0.4991	0.0004	0.4989

Aqueous Controls

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

REVIEWED

By Rachel Cutler at 11:21 am, Jan 23, 2025

Revision: 5

Issue Date: 07/05/2022

Issuing Authority: Quality Manager

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Internal Standard Monitoring Worksheet

Worklist #:	7021	Run Date(s):	1-21-2025

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	252197	257012
0.080	255304	260129
QC1	296312	300796
QC1	304535	309153
QC1		
QC1		
QC1		
QC1		
QC2	253378	258186
QC2	252650	257598
QC2	279877	283457
QC2	272721	276212
QC2		
QC2		

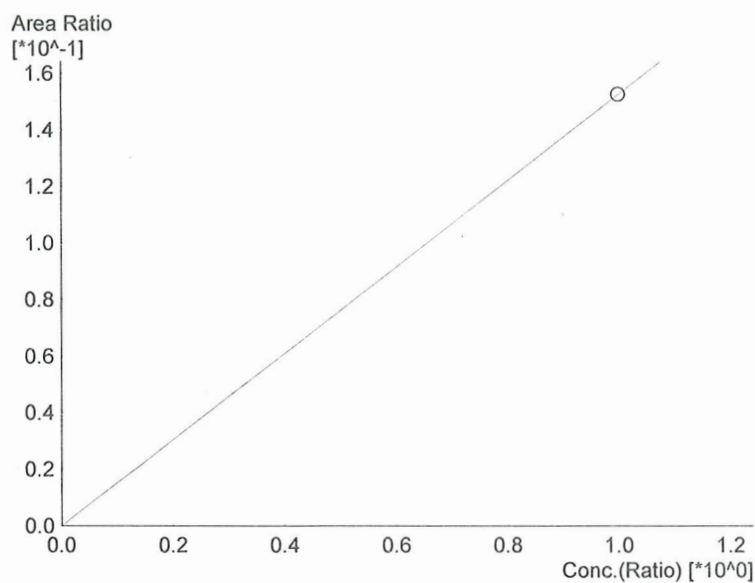
	Average	(-)20%	(+)20%
Column 1	270871.8	216697.4	325046.1
Column 2	275317.9	220254.3	330381.5

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Calibration Table

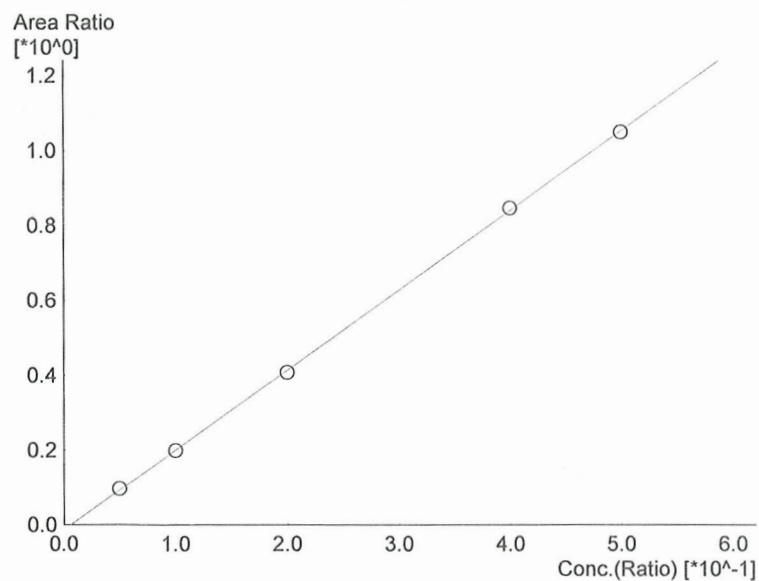
Laboratory : Coeur d'Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL.gcm
Batch File :Default Project - 1-21-25.gcb
Date Acquired :1/21/2025 3:36:17 PM
Date Created :1/21/2025 3:33:39 PM
Date Modified :1/21/2025 3:42:19 PM



Name : Methanol
Detector Name: FID1
Function : $f(x)=0.152535*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

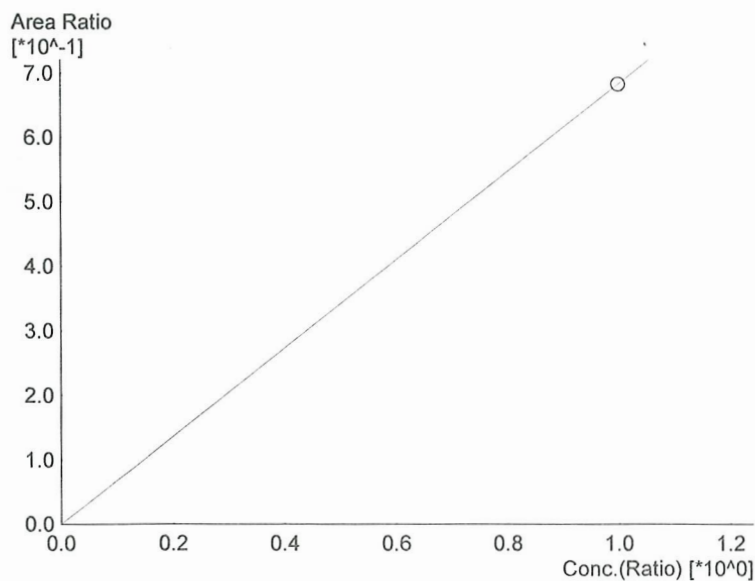
#	Conc.	Area	Std. Conc.
6	1.000	34053	1.0000



Name : Ethanol
Detector Name: FID1
Function : $f(x)=2.13283*x-0.0135086$
R² value= 0.9998551
FitType: Linear
ZeroThrough: Not Through

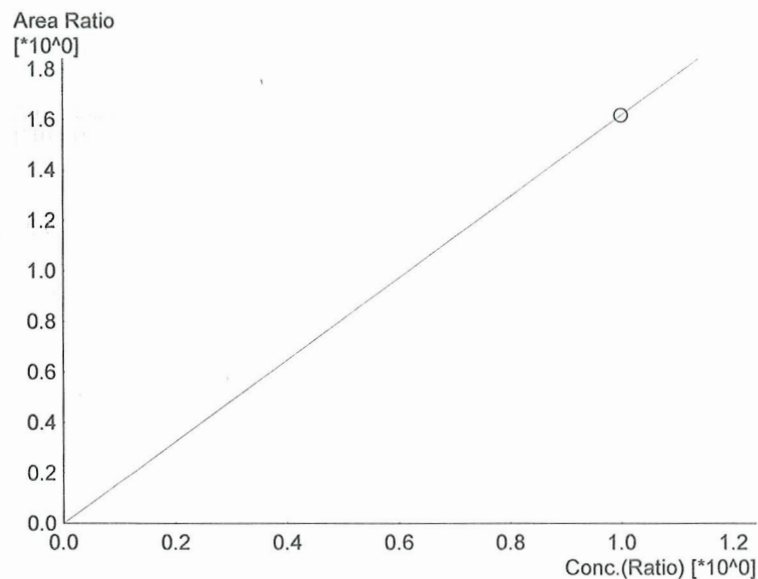
#	Conc.	Area	Std. Conc.
1	0.050	23394	0.0518
2	0.100	48260	0.0993
3	0.200	99247	0.1971
4	0.400	206759	0.4029
5	0.500	261340	0.4987

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Name : Isopropyl Alcohol
 Detector Name: FID1
 Function : $f(x)=0.682188*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	152299	1.0000



Name : Acetone
 Detector Name: FID1
 Function : $f(x)=1.61630*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	360838	1.0000

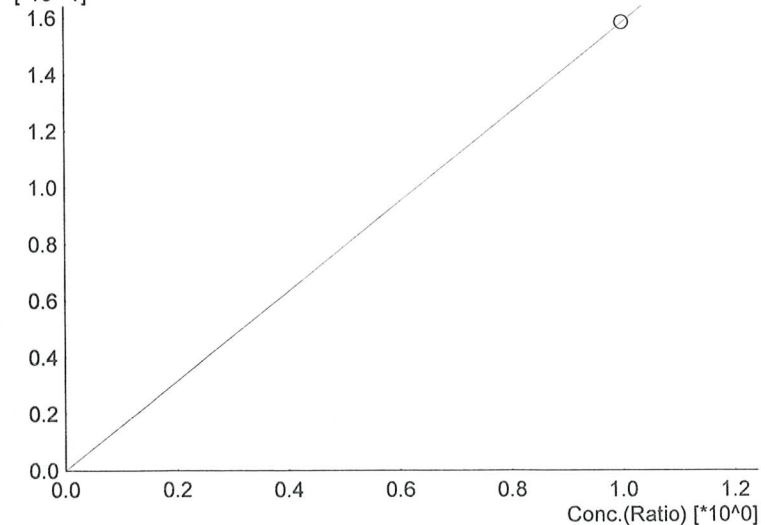


Name : Fluor. Hydrocarbon(s)
 Detector Name: FID1
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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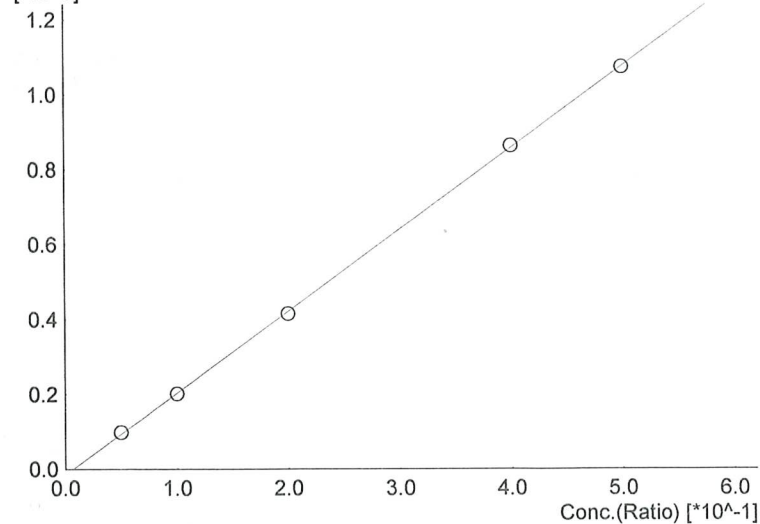
Area Ratio
[*10⁻¹]



Name : Methanol
Detector Name: FID2
Function : $f(x)=0.158254*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	35817	1.0000

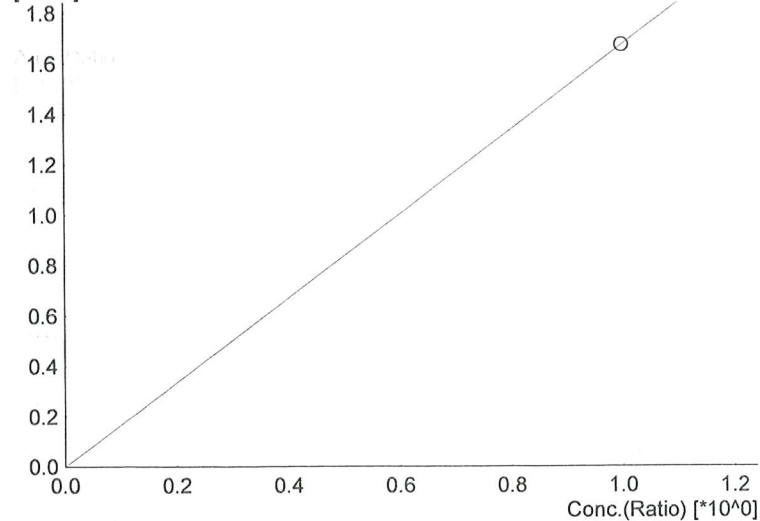
Area Ratio
[*10⁰]



Name : Ethanol
Detector Name: FID2
Function : $f(x)=2.18288*x-0.0154614$
R² value= 0.9998705
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	23993	0.0519
2	0.100	49809	0.0993
3	0.200	102800	0.1971
4	0.400	215071	0.4024
5	0.500	272605	0.4991

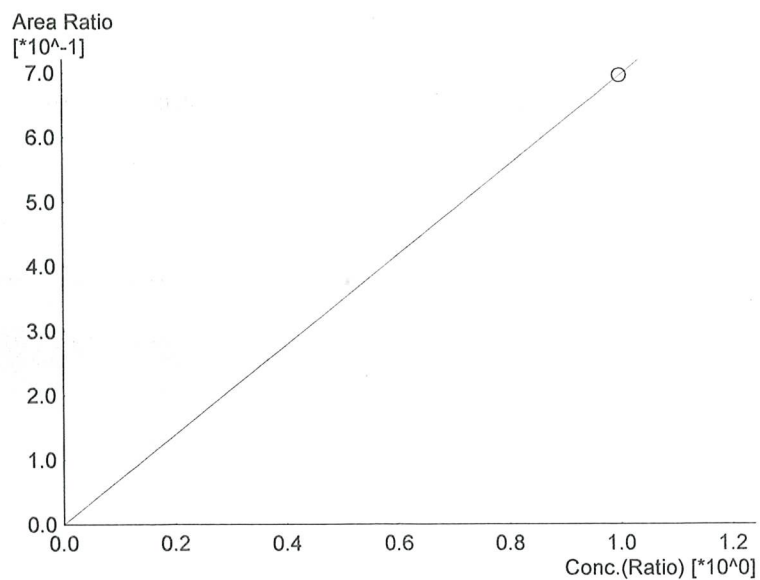
Area Ratio
[*10⁰]



Name : Acetone
Detector Name: FID2
Function : $f(x)=1.67197*x+0$
R² value= 1.000000
FitType: Linear
ZeroThrough: Not Through

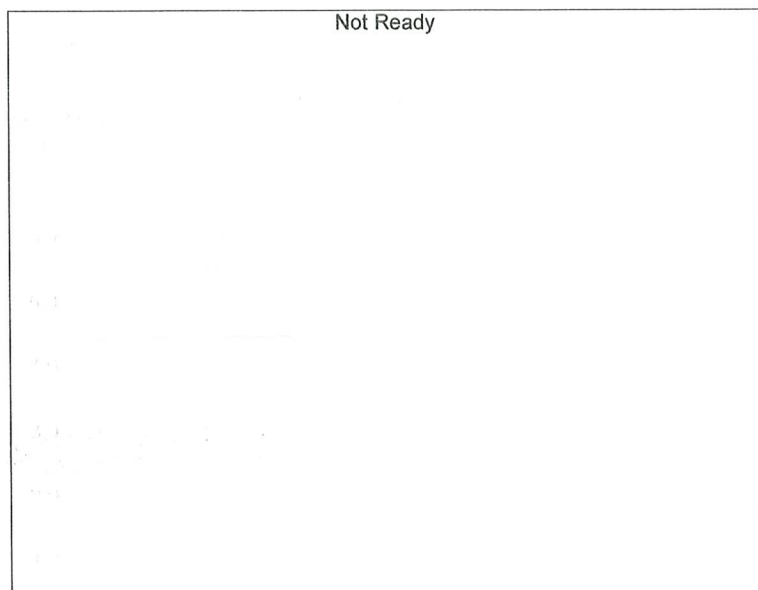
#	Conc.	Area	Std. Conc.
6	1.000	378409	1.0000

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Name : Isopropyl Alcohol
 Detector Name: FID2
 Function : $f(x)=0.695421*x+0$
 R² value= 1.000000
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	157391	1.0000

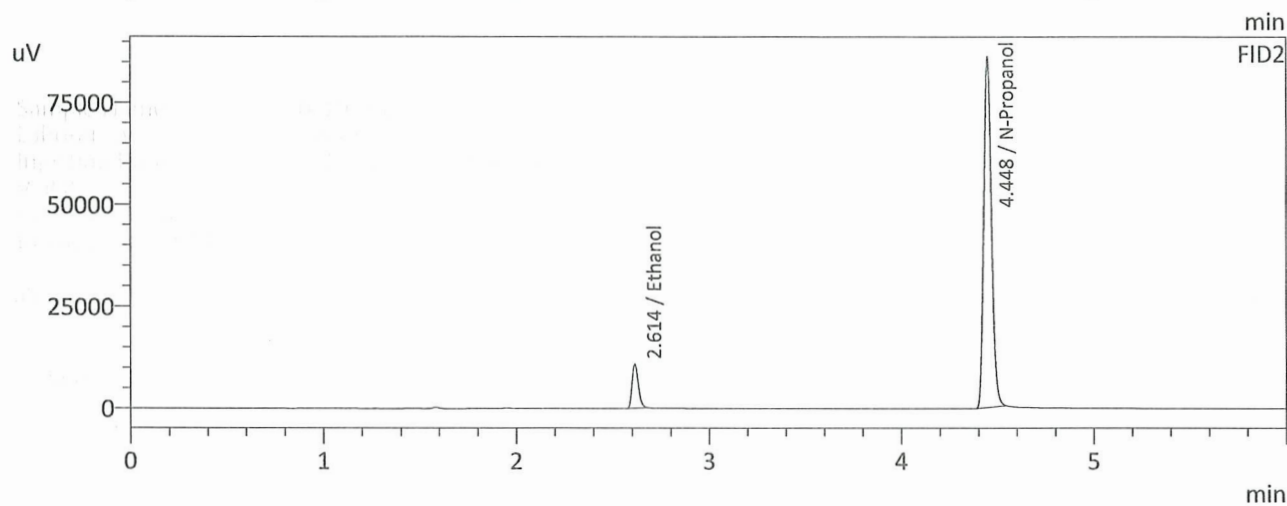
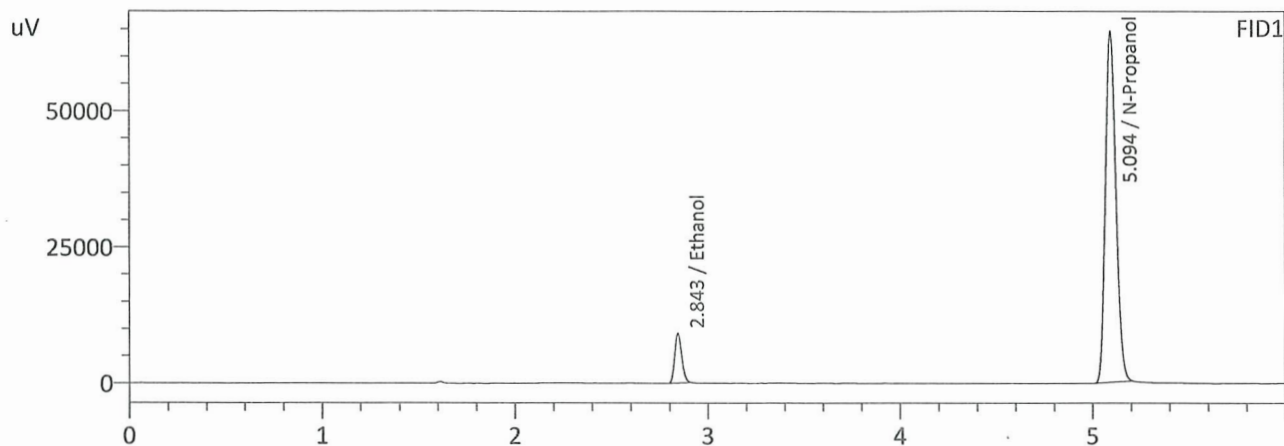


Name : Fluor. Hydrocarbon(s)
 Detector Name: FID2
 Function : $f(x)=0*x+0$
 R² value= 0
 FitType: Linear
 ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
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Sample Name : 0.050 std
 Laboratory : Coeur d'Alene Lab
 Injection Date : 1/21/2025 2:57:31 PM
 Vial # : 2
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

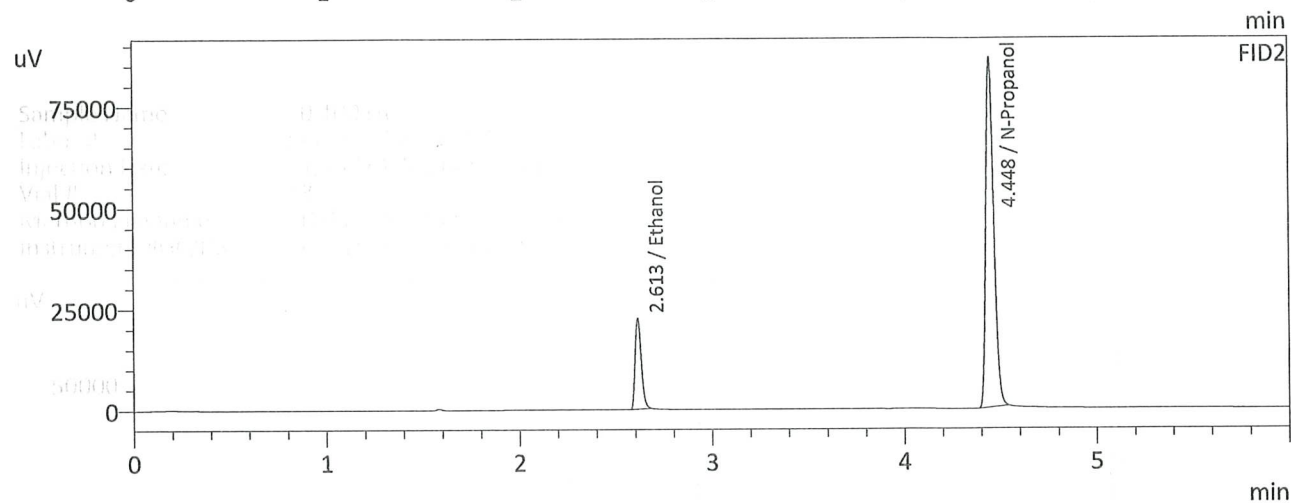
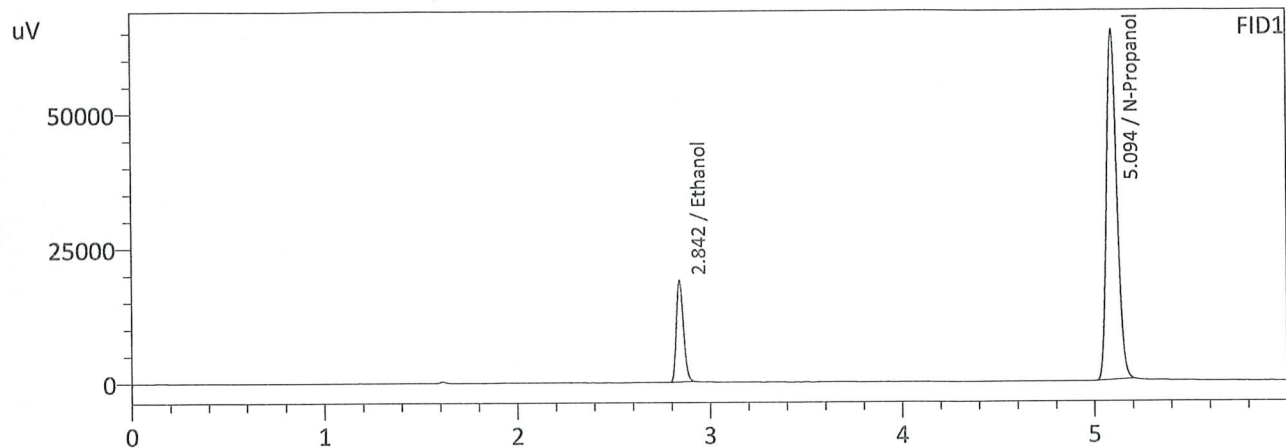
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0518	23394	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	241179	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0519	23993	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244909	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.100 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 1/21/2025 3:08:12 PM
 Vial # : 3
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

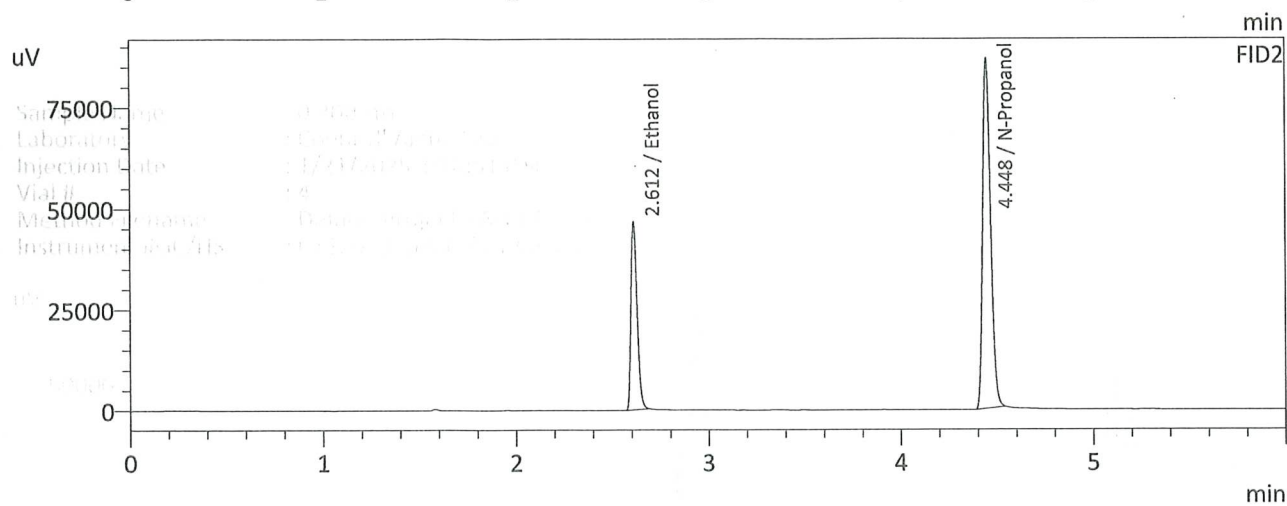
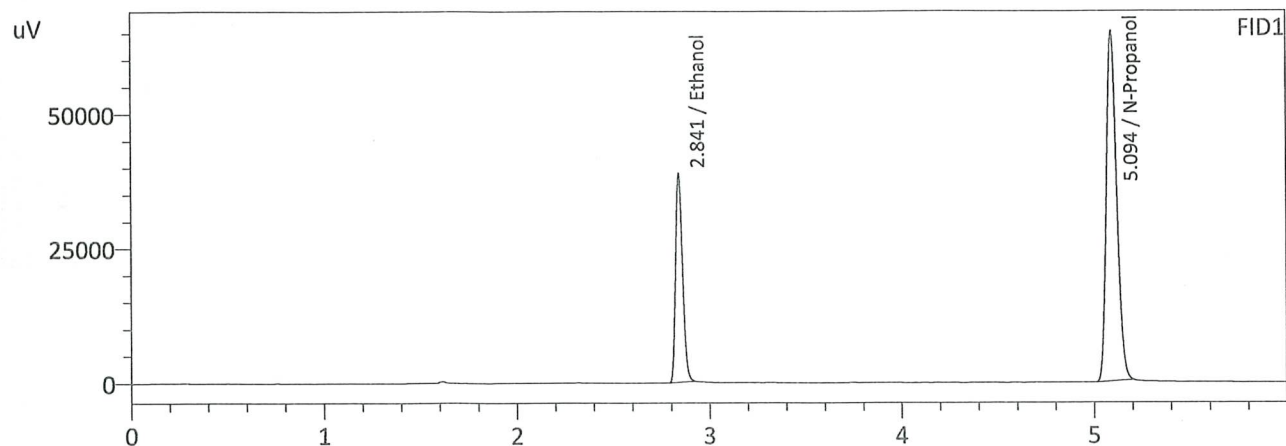
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	48260	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	243282	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0993	49809	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247394	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.200 std
 Laboratory : Coeur d' Alene Lab
 Injection Date : 1/21/2025 3:16:51 PM
 Vial # : 4
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	99247	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	243814	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

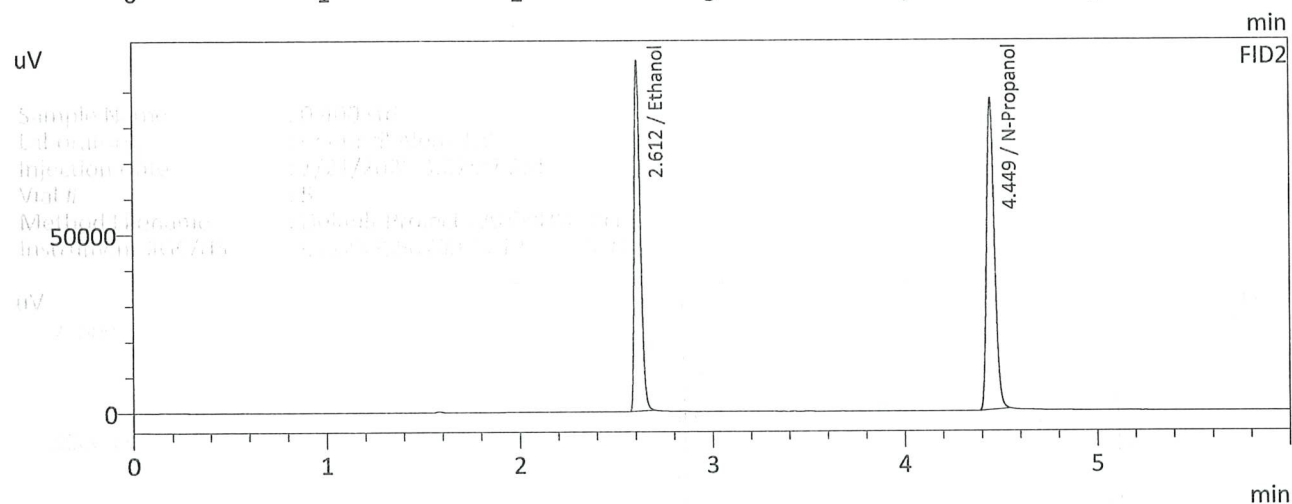
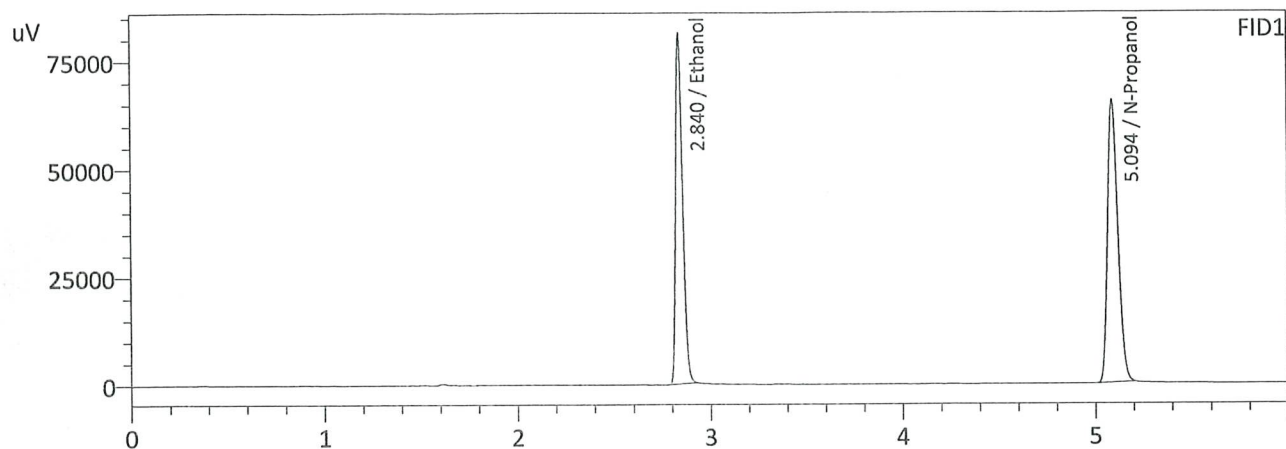
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1971	102800	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	247782	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID1

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Sample Name : 0.400 std
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 3:27:37 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

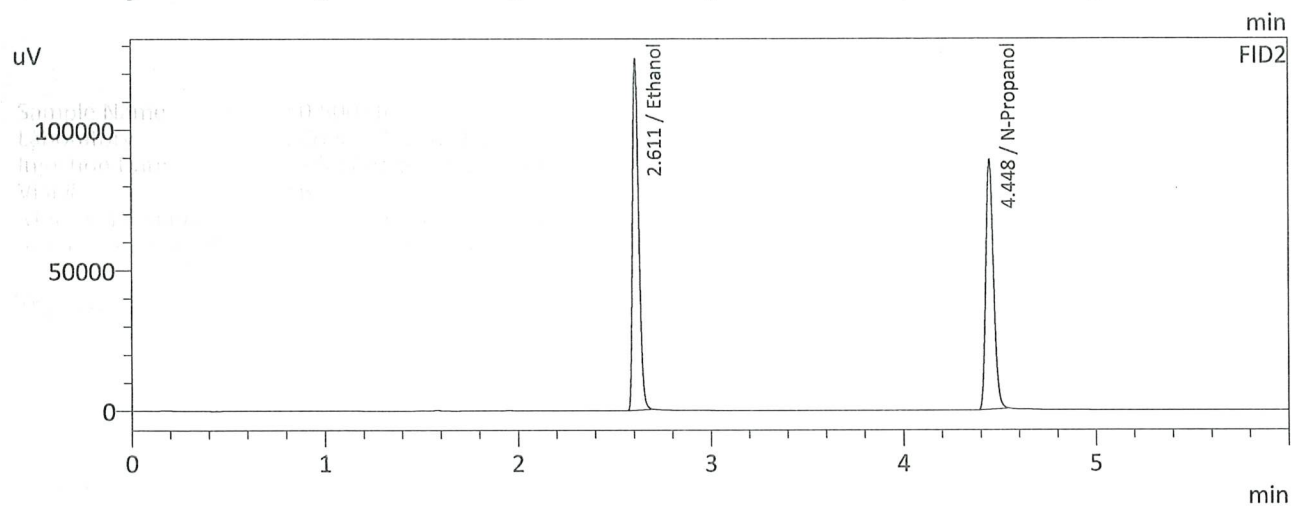
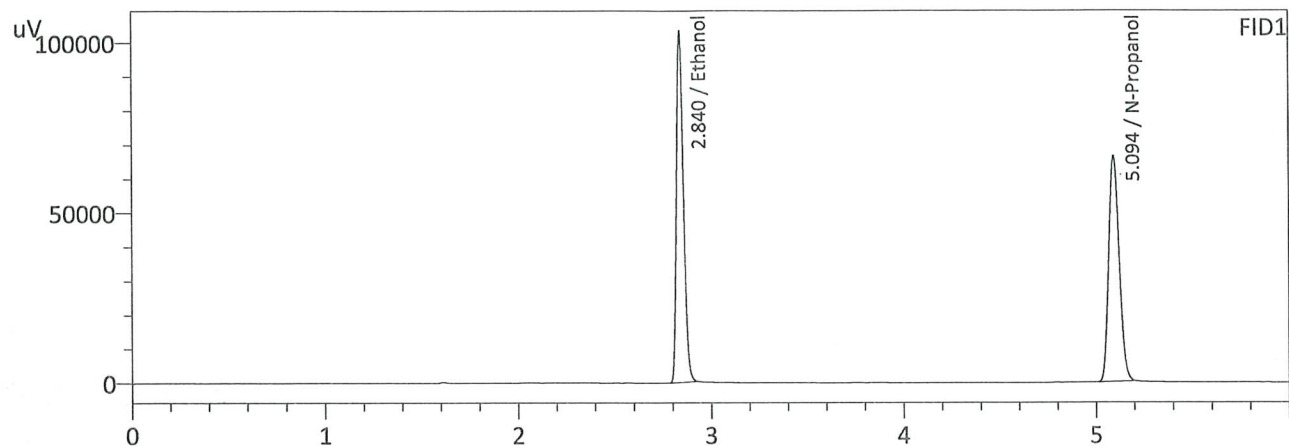
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4029	206759	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	244439	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4024	215071	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249184	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.500 std
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 3:36:17 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4987	261340	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	248843	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.4991	272605	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	253818	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA std			Analysis Date(s): 1/21/2025 4:34:28 PM(-08:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0827	0.0827	0.0000	0.0827	0.0027	0.0813
(g/100cc)	0.0800	0.0800	0.0000	0.0800		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

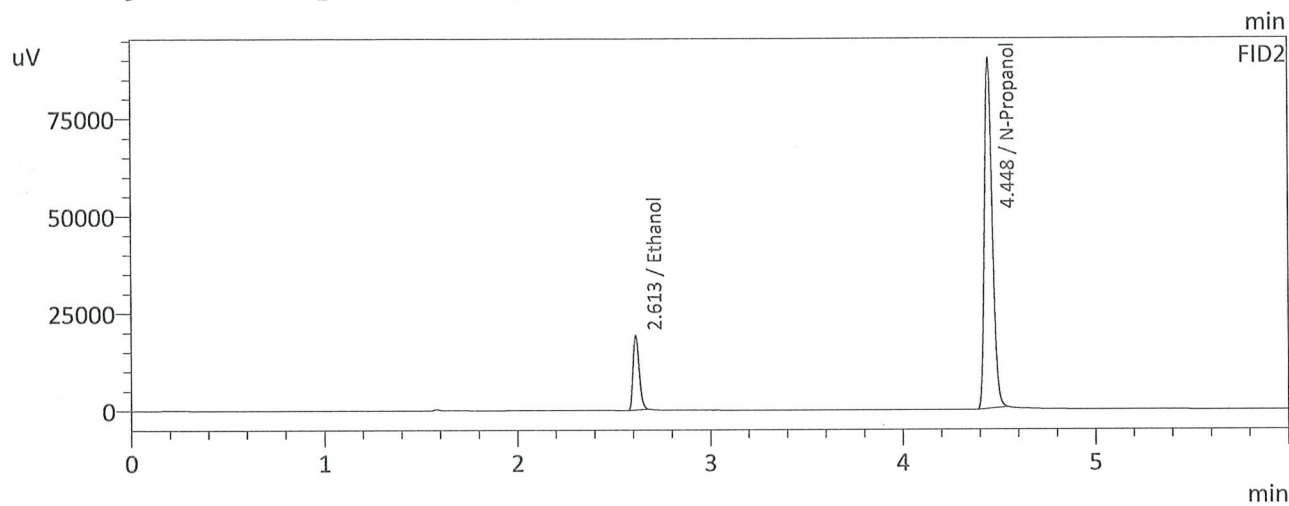
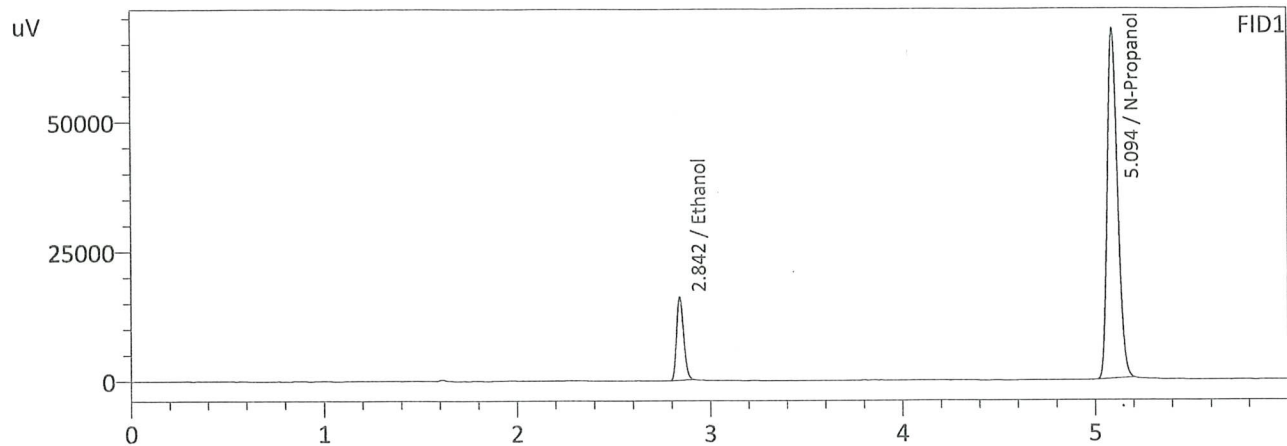
Refer To Instrument Method: ALCOHOL.gcm

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
Concentration (g/100cc)	Reported Results			Uncertainty (g/100cc)
	0.081			

Calibration and control data are stored centrally.

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Sample Name : 0.08 QA std
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 4:34:28 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

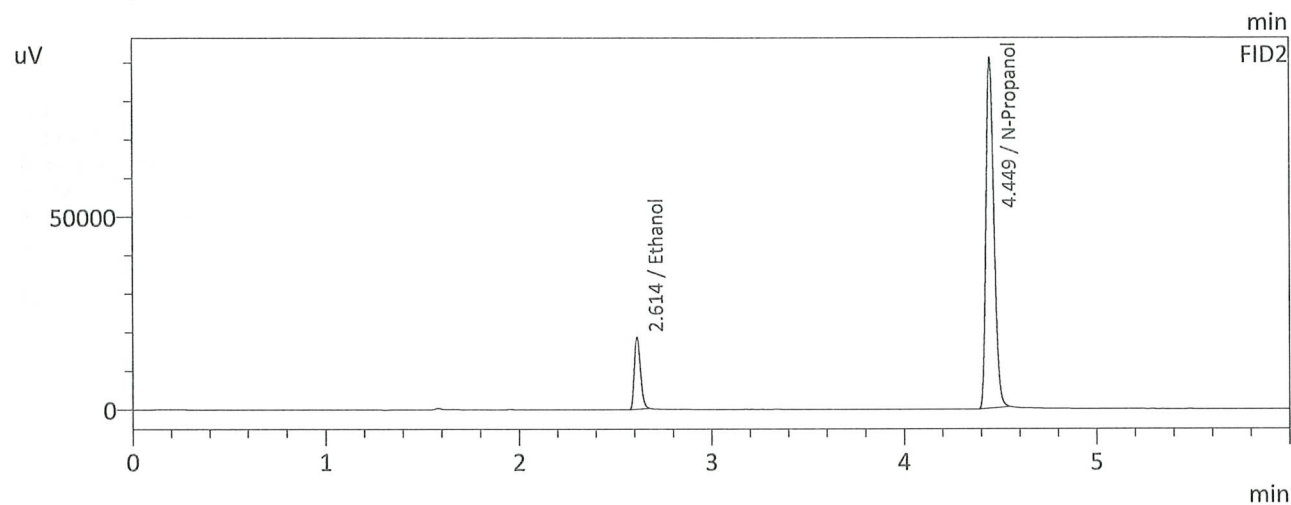
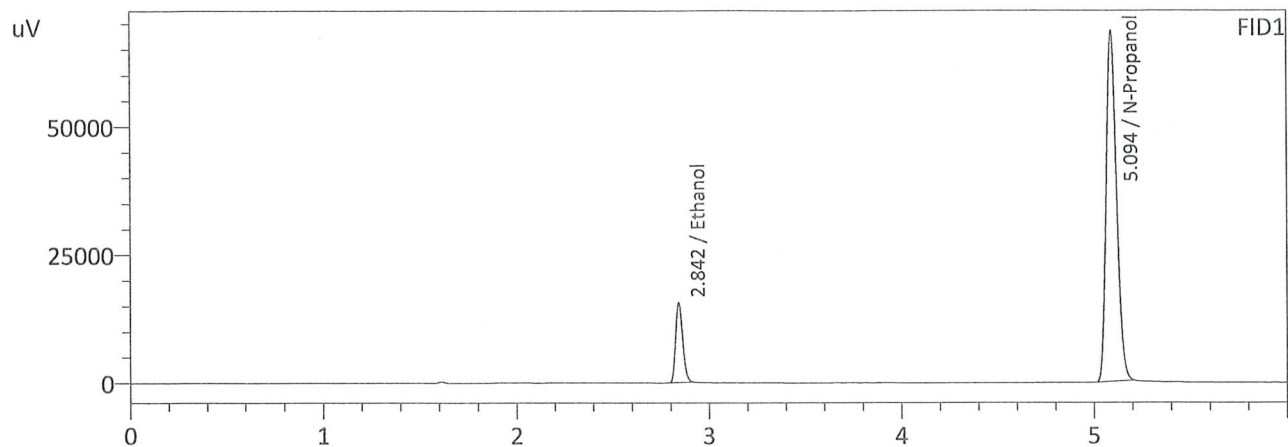
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	41130	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252197	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	42443	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257012	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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Sample Name : 0.08 QA - B std
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 4:45:13 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	40139	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255304	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	41428	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	260129	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1			Analysis Date(s): 1/21/2025 4:15:06 PM(-08:00)			
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2028	0.2021	0.0007	0.2024	0.0032	0.2040
(g/100cc)	0.2063	0.2050	0.0013	0.2056		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

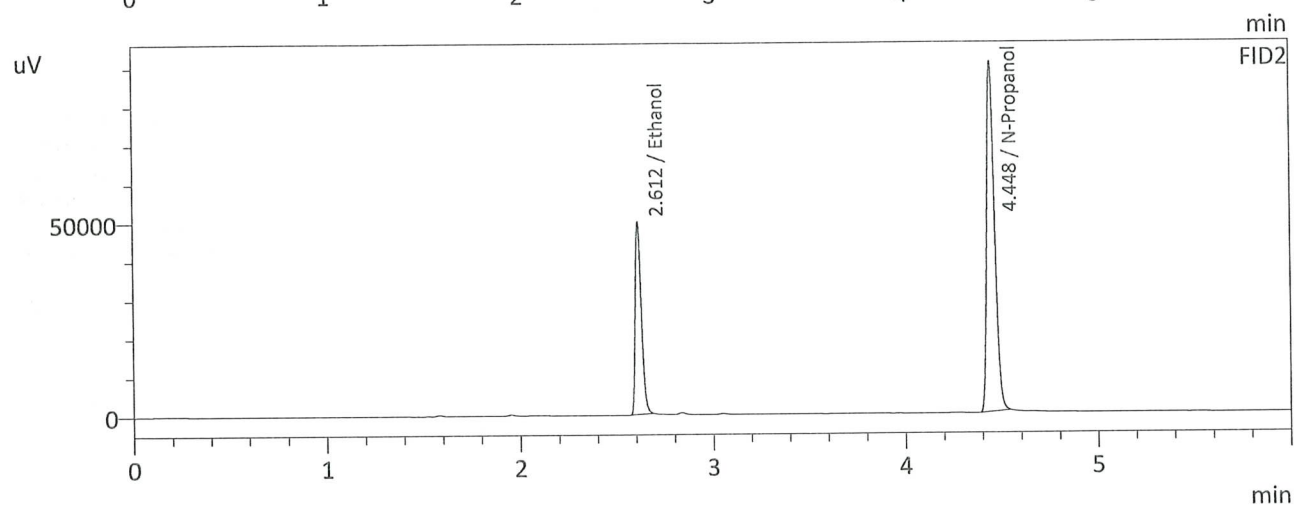
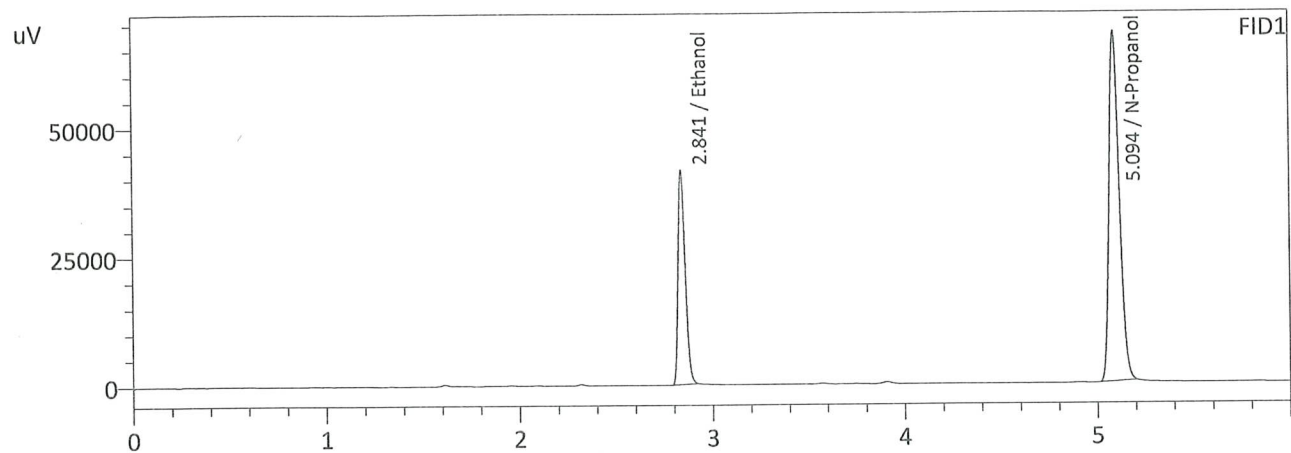
Reporting of Results	Uncertainty of Measurements (UM%):		5.00%
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.204	0.193	0.215	0.011

	Reported Results	
	0.204	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 4:15:06 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

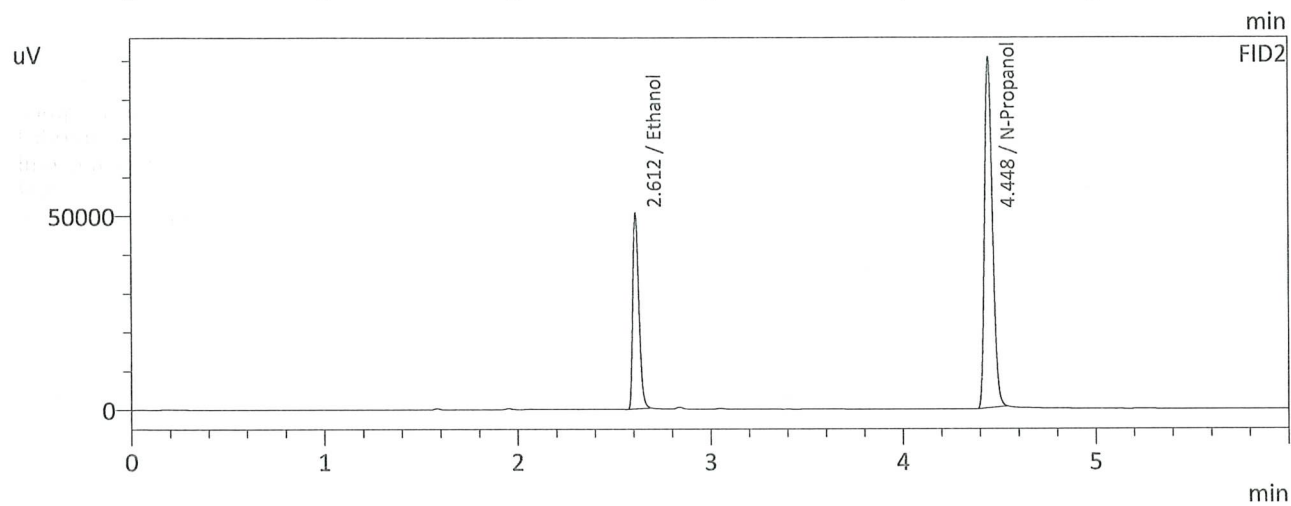
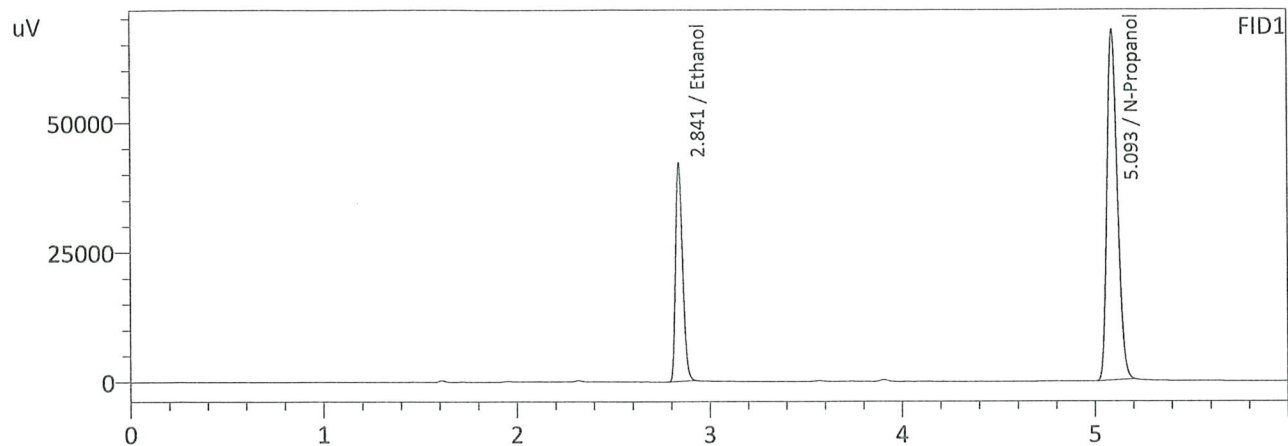
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2028	106206	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	253378	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2021	109914	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	258186	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 4:25:49 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2063	107761	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	252650	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2050	111342	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	257598	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-2			Analysis Date(s): 1/21/2025 7:48:29 PM(-08:00)			
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.2073	0.2061	0.0012	0.2067	0.0027	0.2053
(g/100cc)	0.2046	0.2034	0.0012	0.2040		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

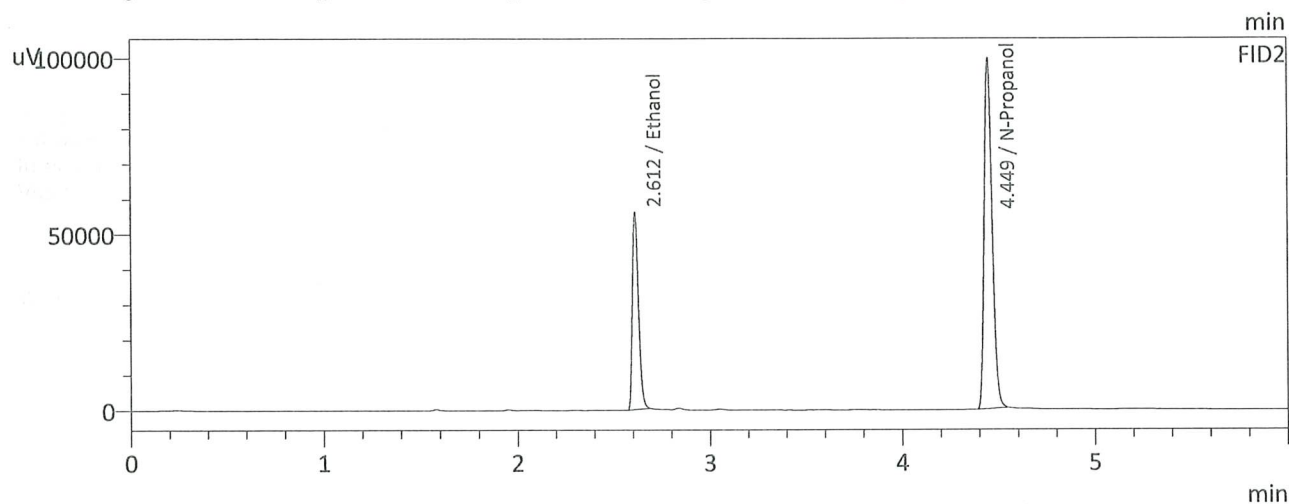
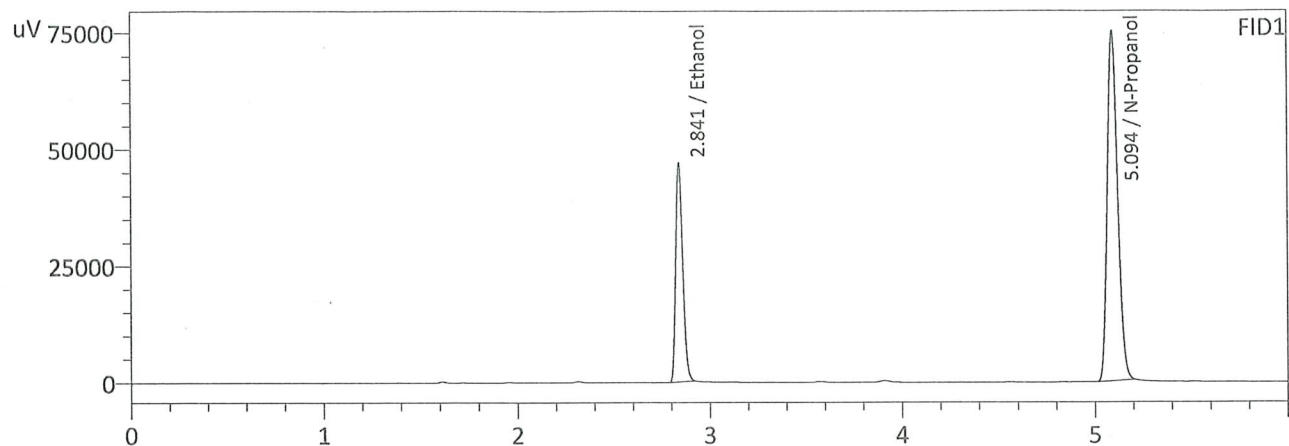
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.205	0.194	0.216	0.011

	Reported Results	
	0.205	

Calibration and control data are stored centrally.

99

Sample Name : QC-2-2
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 7:48:29 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

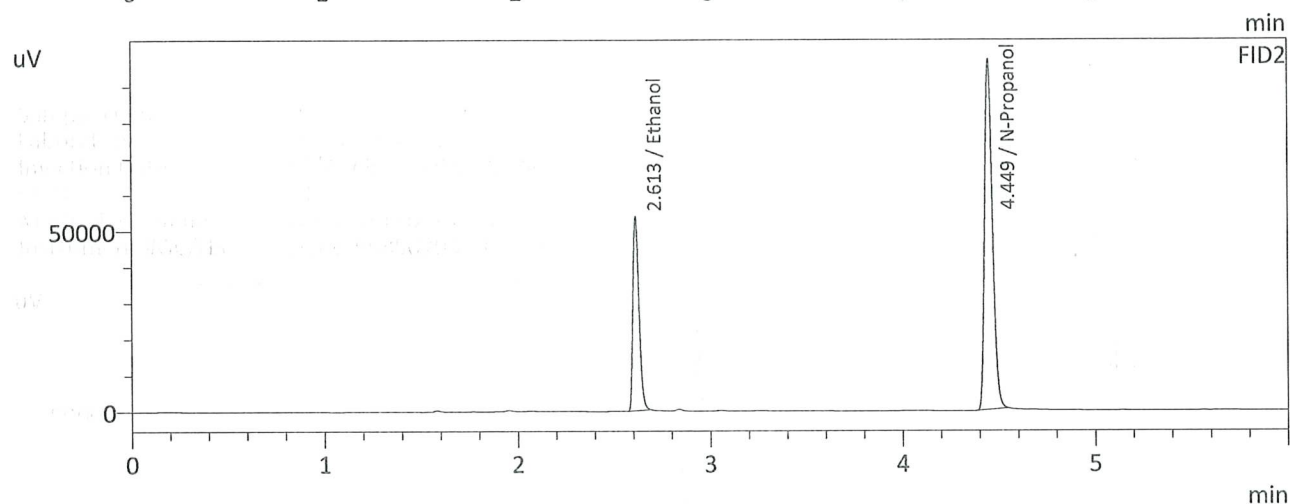
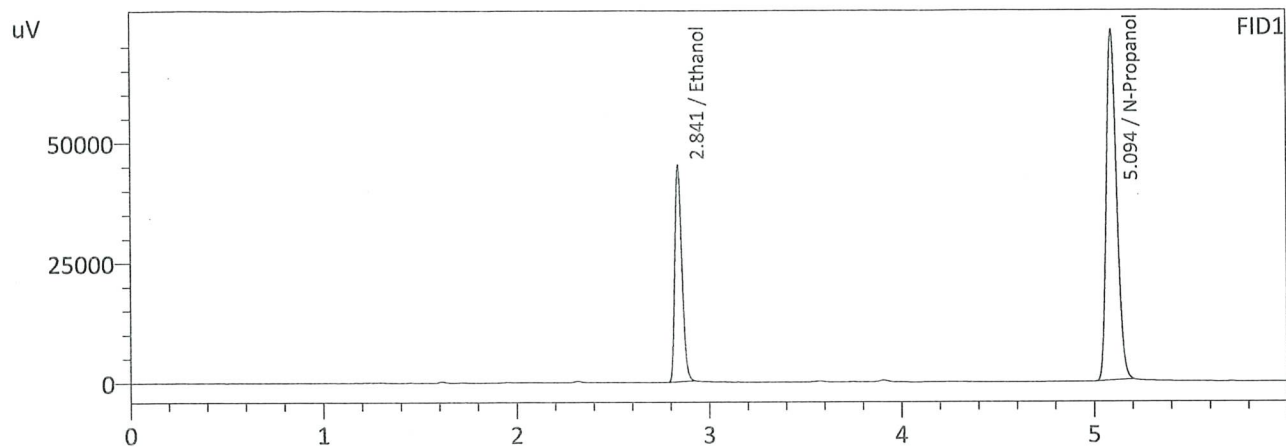
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2073	119975	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	279877	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2061	123170	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283457	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 7:59:11 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2046	115346	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	272721	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2034	118375	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	276212	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1			Analysis Date(s): 1/21/2025 9:44:59 PM(-08:00)			
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	
Sample Results	0.0813	0.0812	0.0001	0.0812	0.0033	0.0828
(g/100cc)	0.0846	0.0844	0.0002	0.0845		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

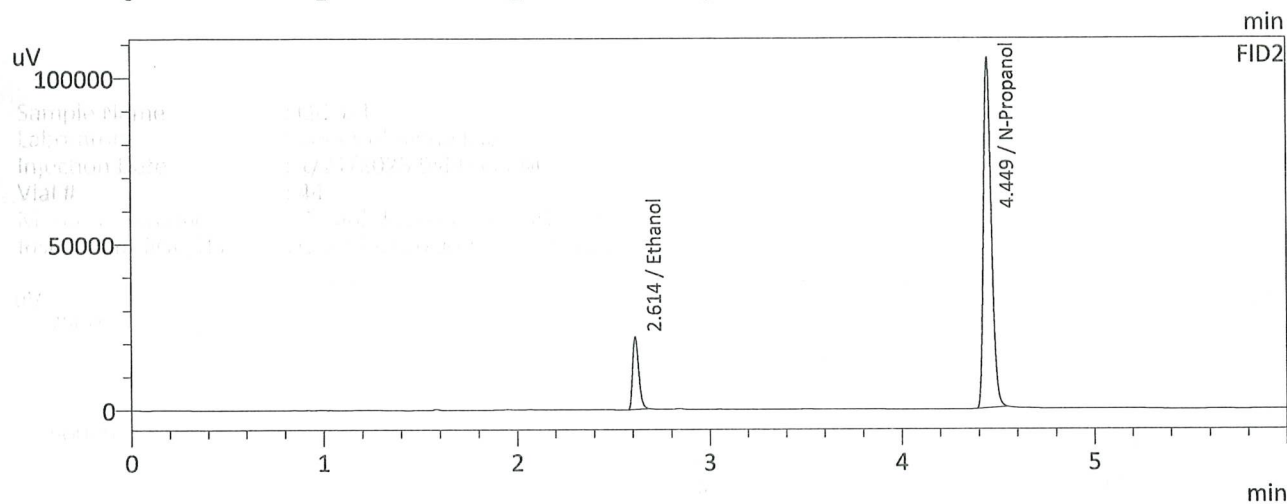
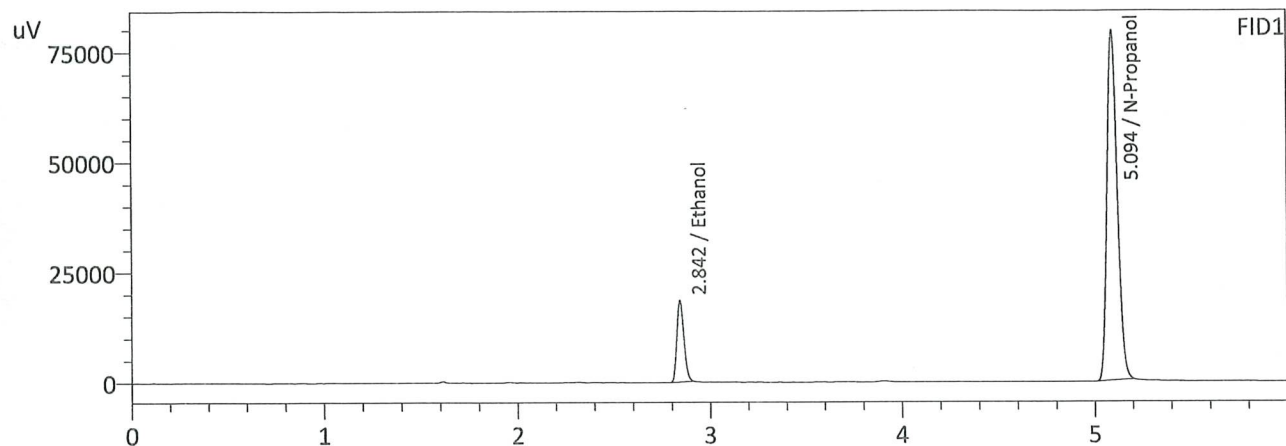
Reporting of Results	Uncertainty of Measurements (UM%): 5.00%		
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

	Reported Results	
	0.082	

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
 Laboratory : Coeur d' Alene Lab
 Injection Date : 1/21/2025 9:44:59 PM
 Vial # : 44
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

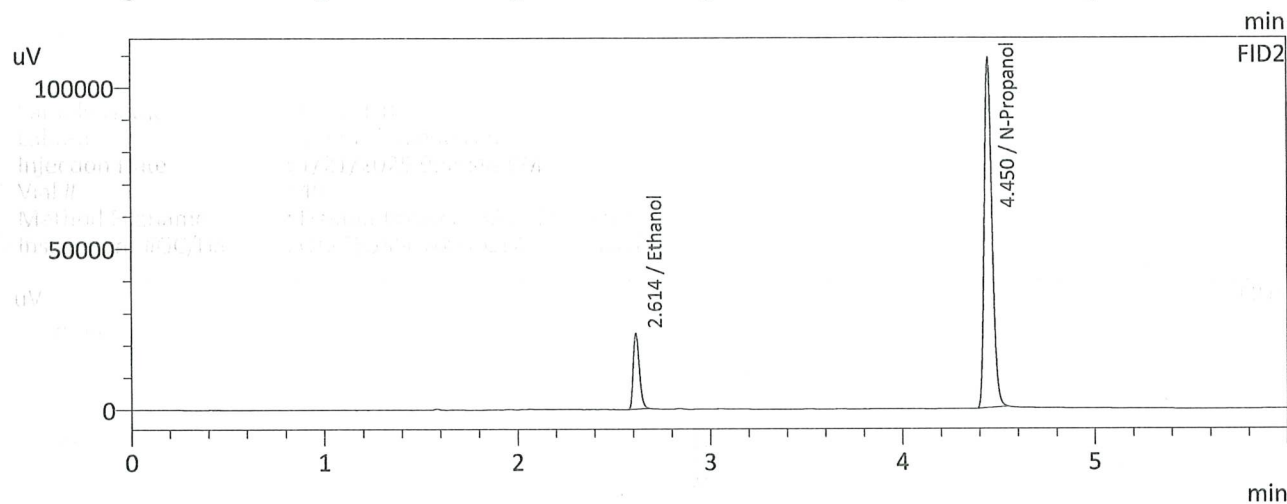
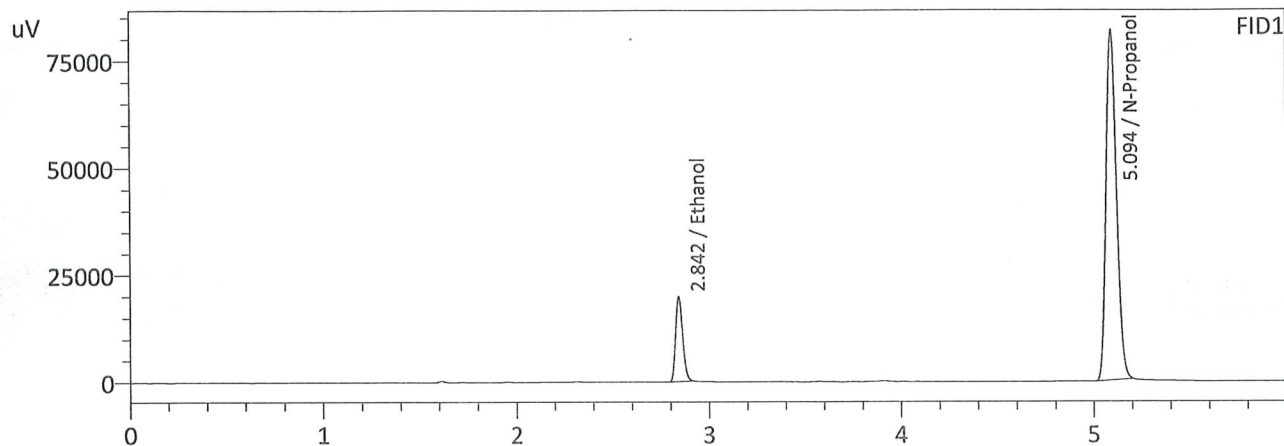
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0813	47428	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	296312	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0812	48680	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	300796	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
 Laboratory : Coeur d' Alene Lab
 Injection Date : 1/21/2025 9:55:44 PM
 Vial # : 45
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

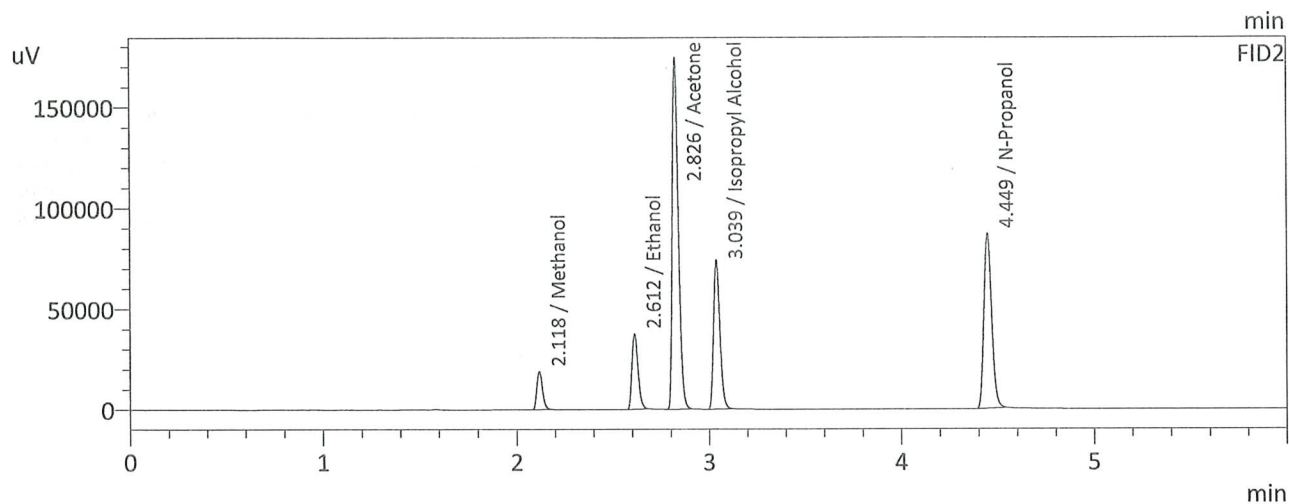
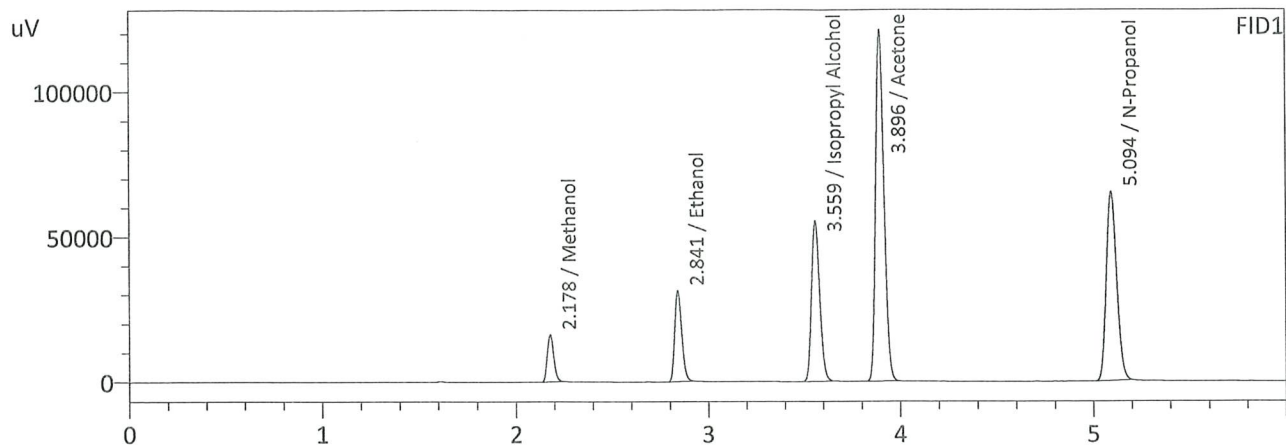
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0846	50852	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	304535	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0844	52188	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	309153	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : Mixed Volatile Std
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 3:55:40 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

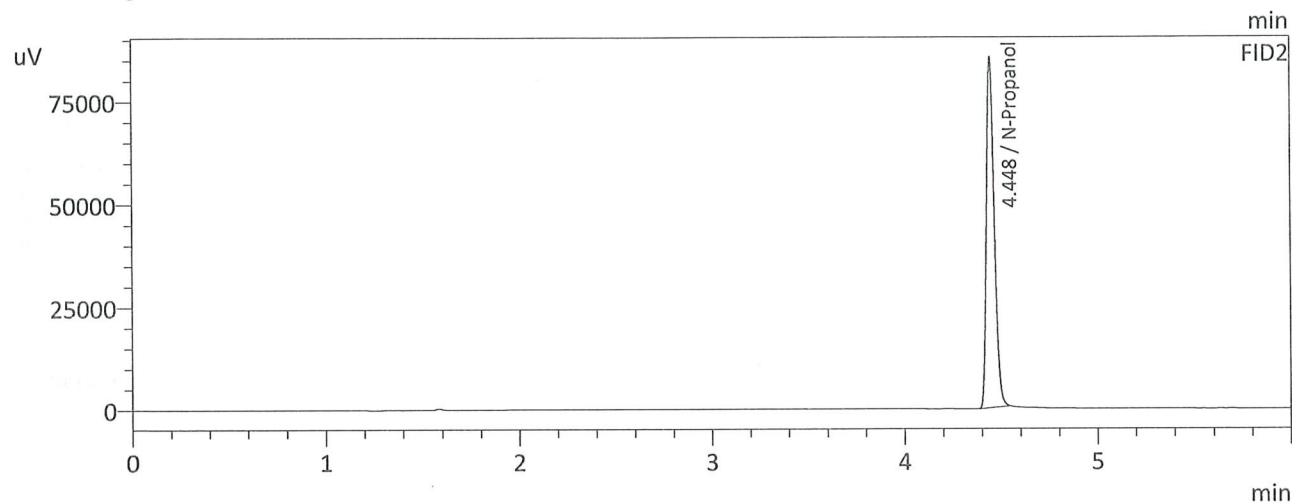
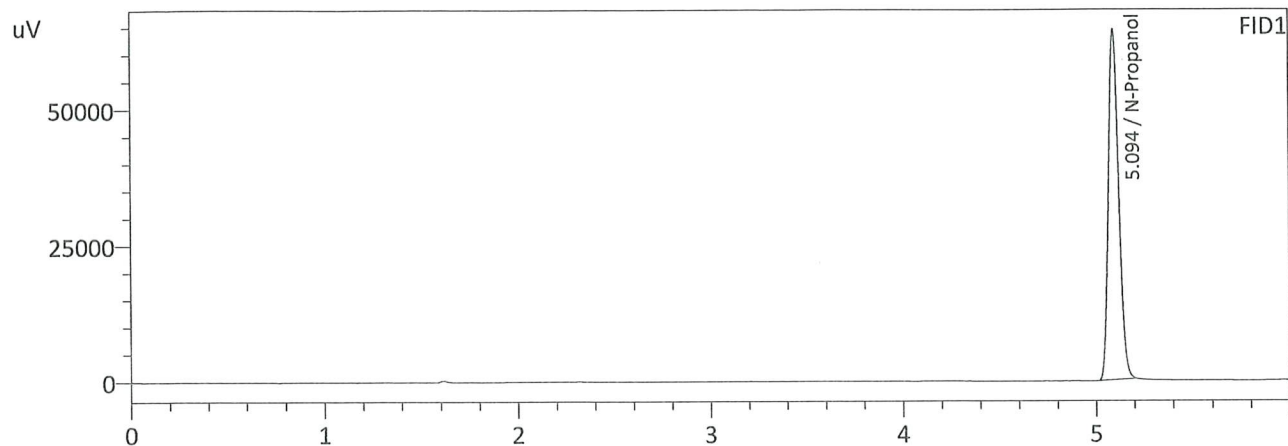
Name	Conc.	Area	Unit
Methanol	1.0000	37230	g/100cc
Ethanol	0.1602	79905	g/100cc
Isopropyl Alcohol	1.0000	165892	g/100cc
Acetone	1.0000	369153	g/100cc
N-Propanol	0.0000	243467	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	39195	g/100cc
Ethanol	0.1601	82752	g/100cc
Acetone	1.0000	386972	g/100cc
Isopropyl Alcohol	1.0000	171954	g/100cc
N-Propanol	0.0000	247608	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 2:48:47 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

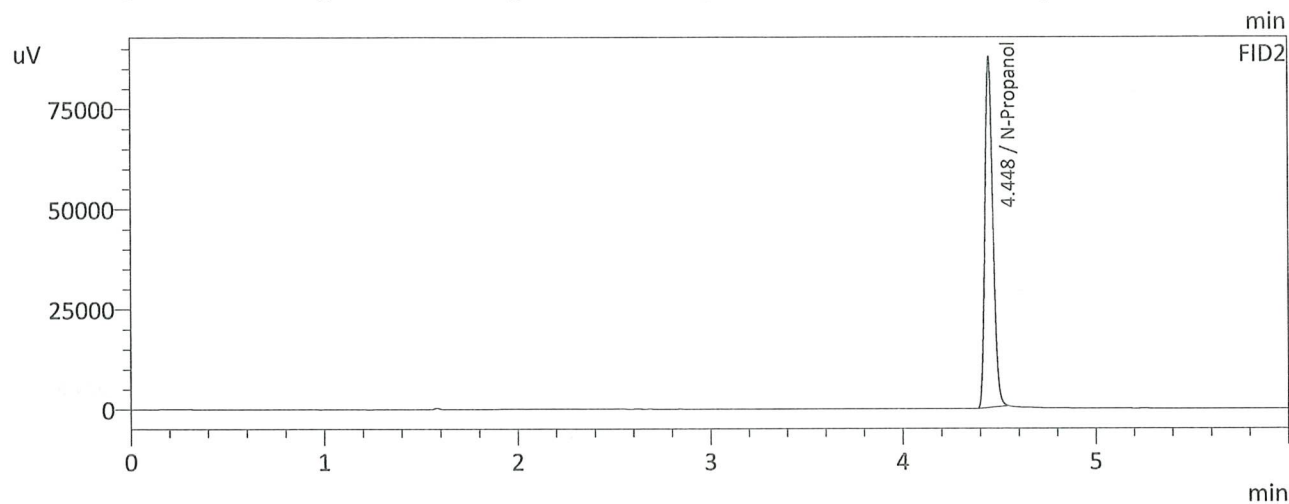
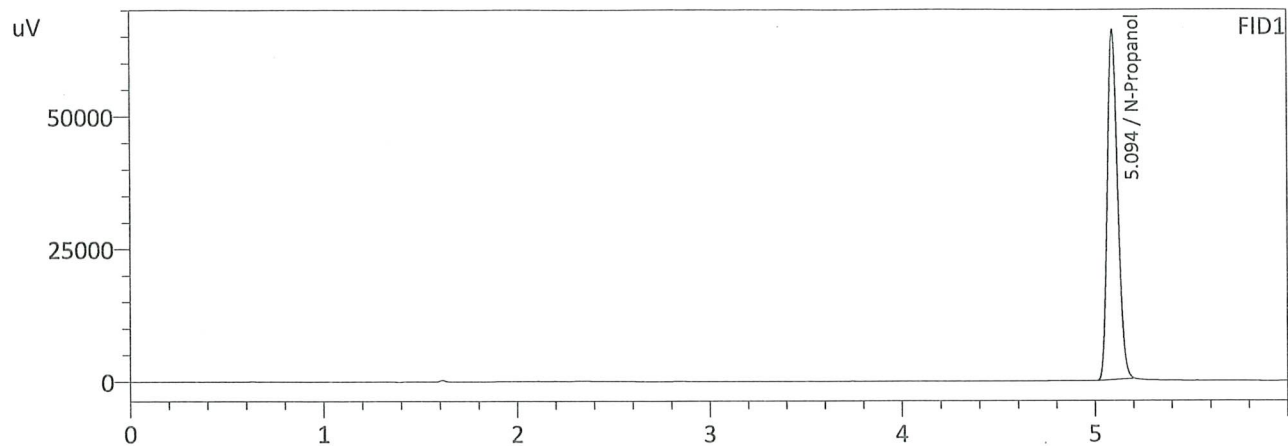
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	240400	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	244198	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 3:47:01 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

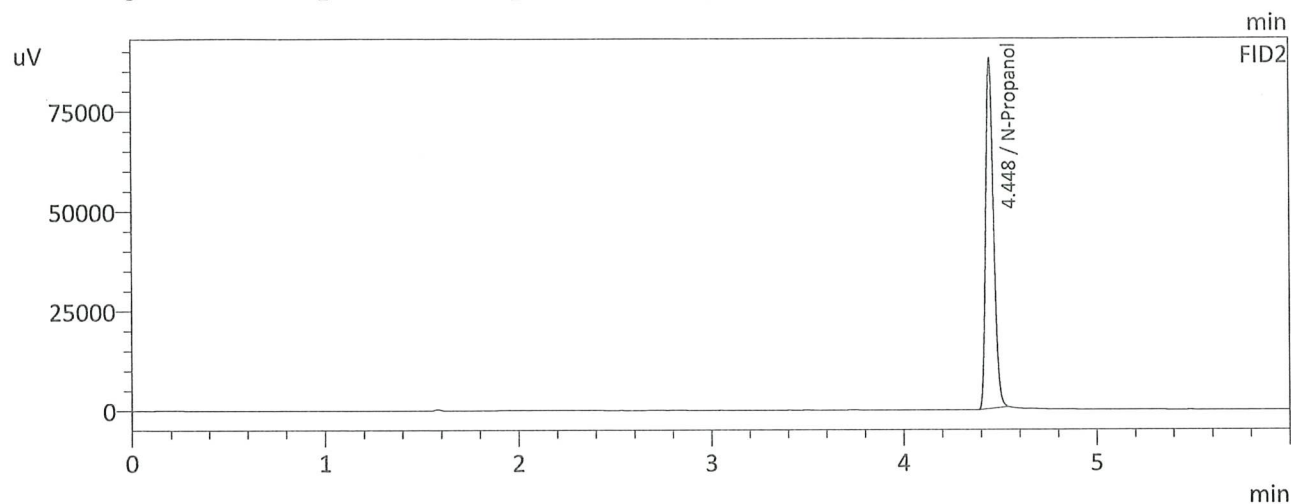
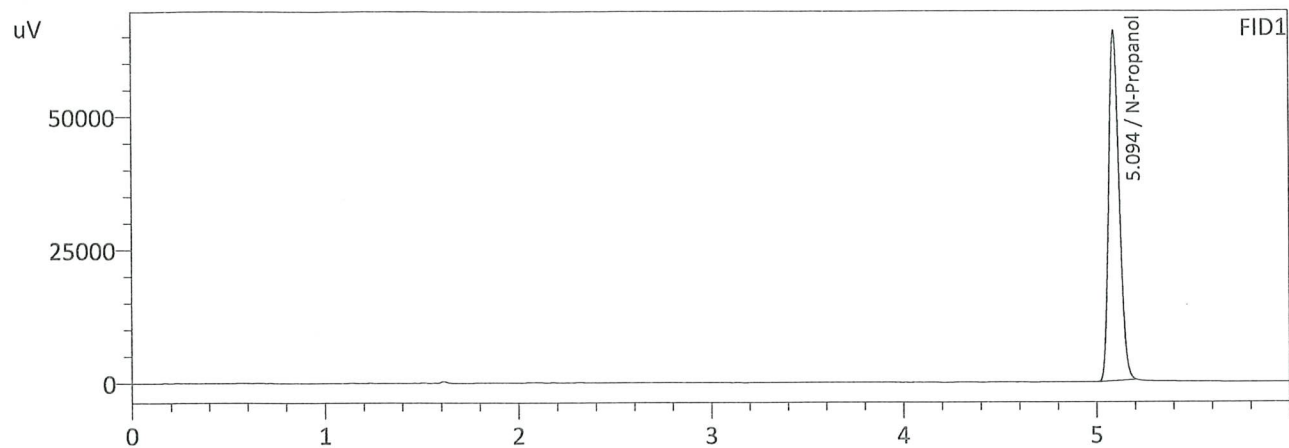
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	246352	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	250271	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 4:06:25 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

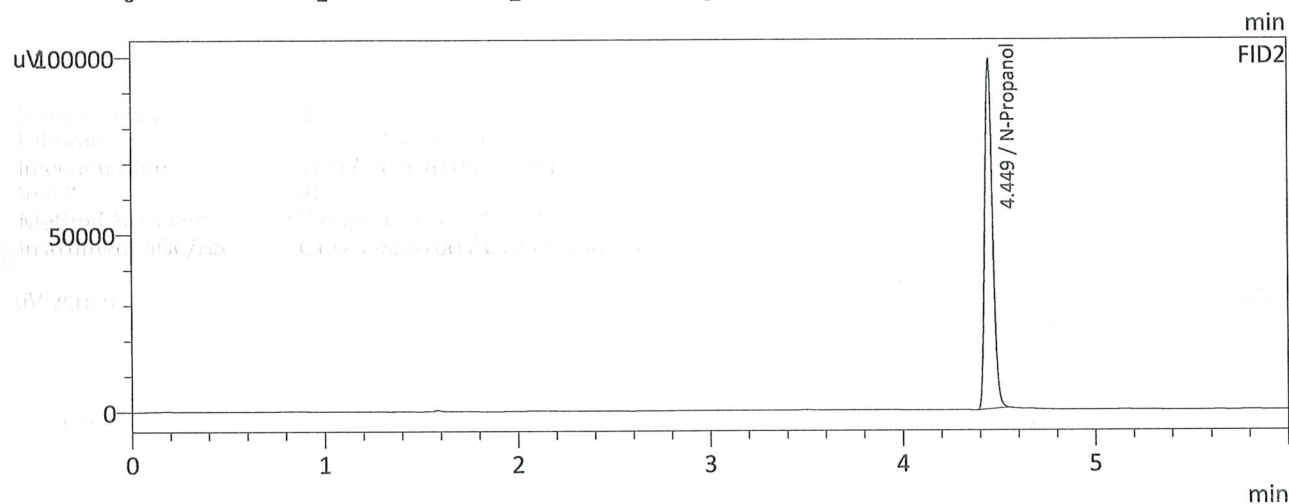
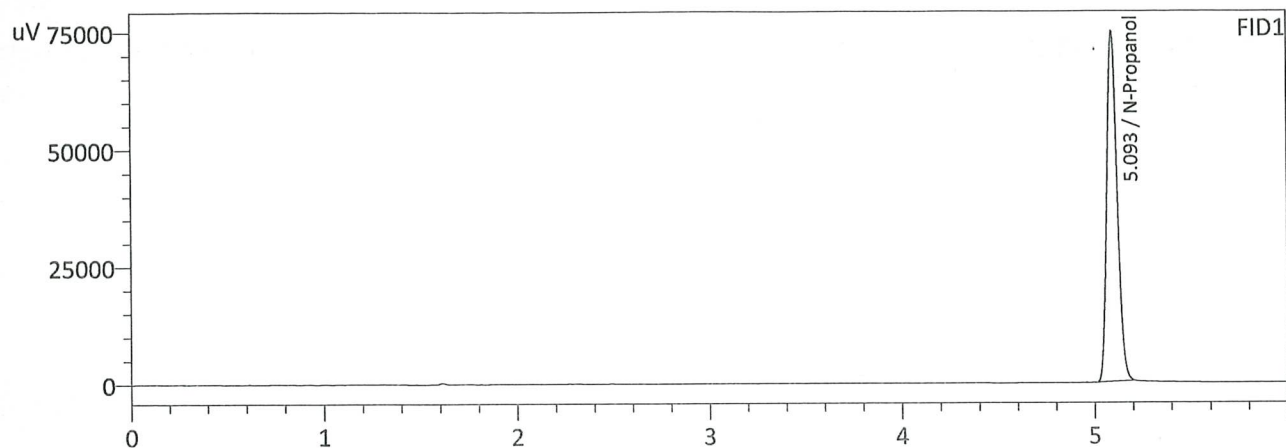
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	245179	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	249013	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
 Laboratory : Coeur d' Alene Lab
 Injection Date : 1/21/2025 10:04:24 PM
 Vial # : 46
 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	278471	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	282065	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

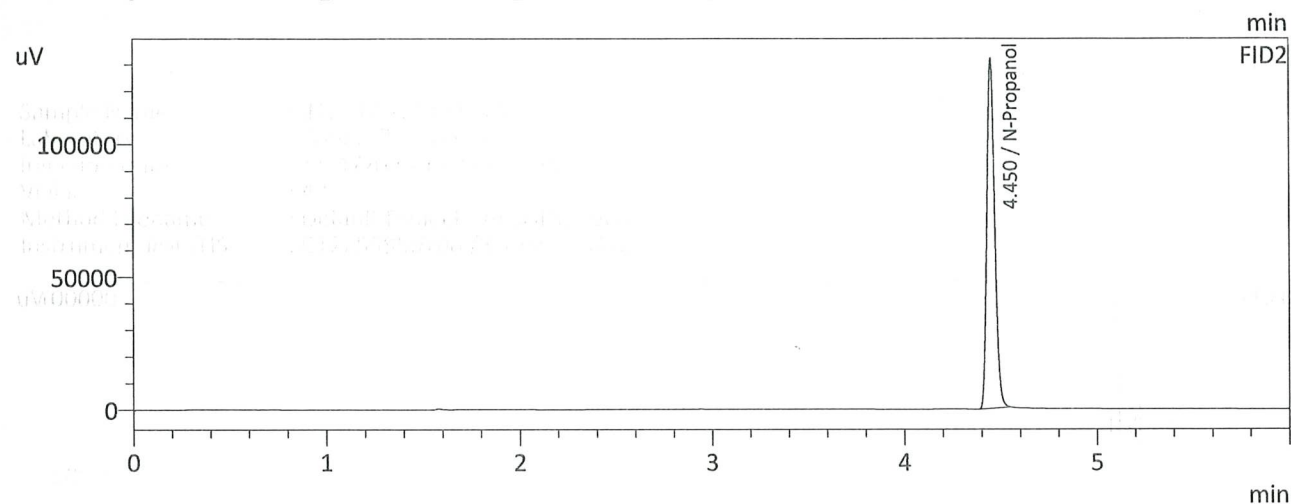
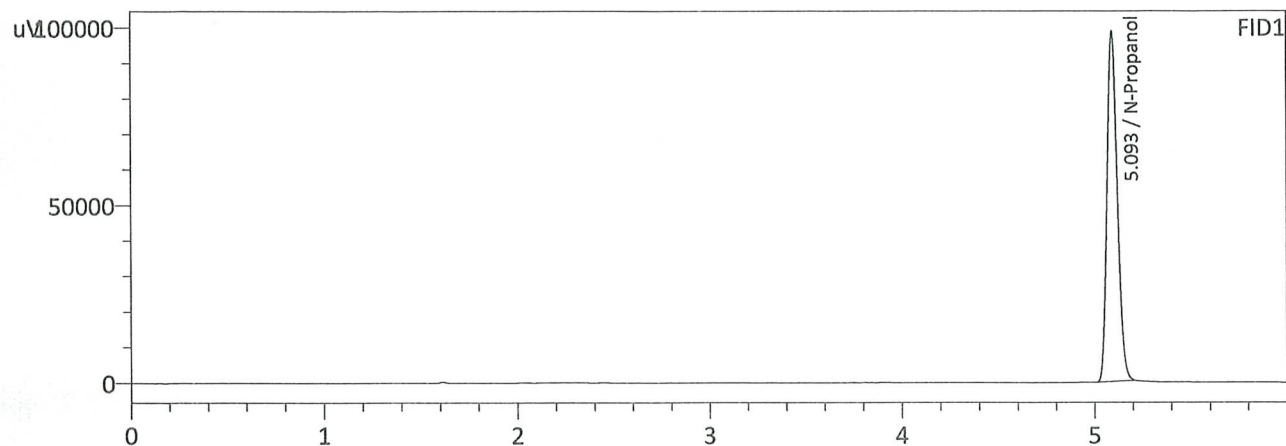
99

Methanol

Ethanol

Acetone

Sample Name : INT STD tube check
 Laboratory : Coeur d' Alene Lab
 Injection Date : 1/21/2025 10:15:01 PM
 Vial # : 47
 Method Filename : Default Project - ALCOHOL.gcm
 Instrument #GC/HS : C12255850700 / C12595700181



FID1

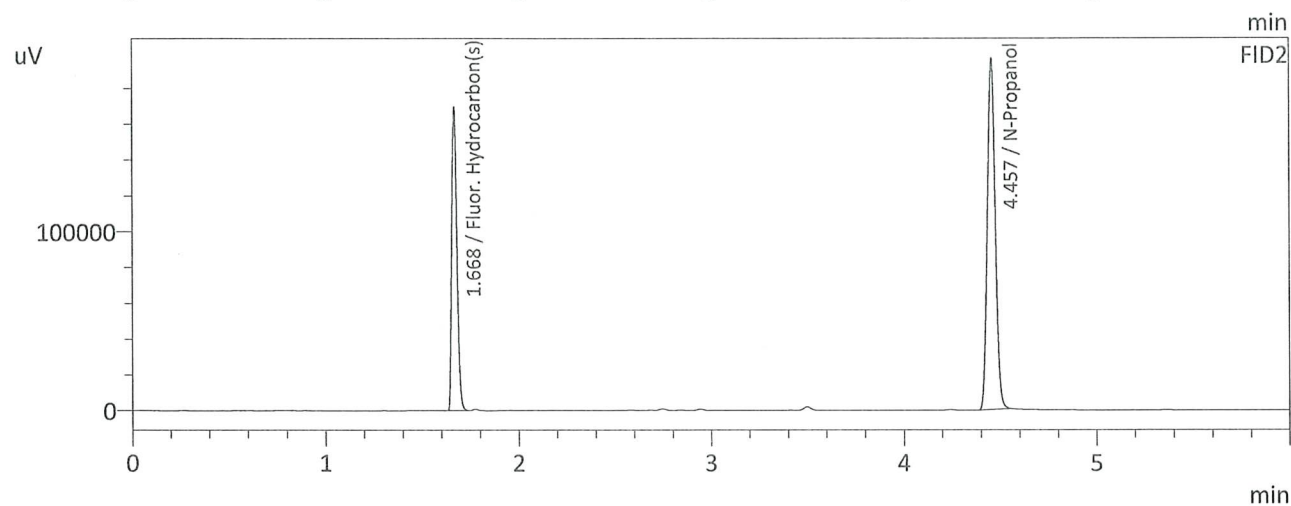
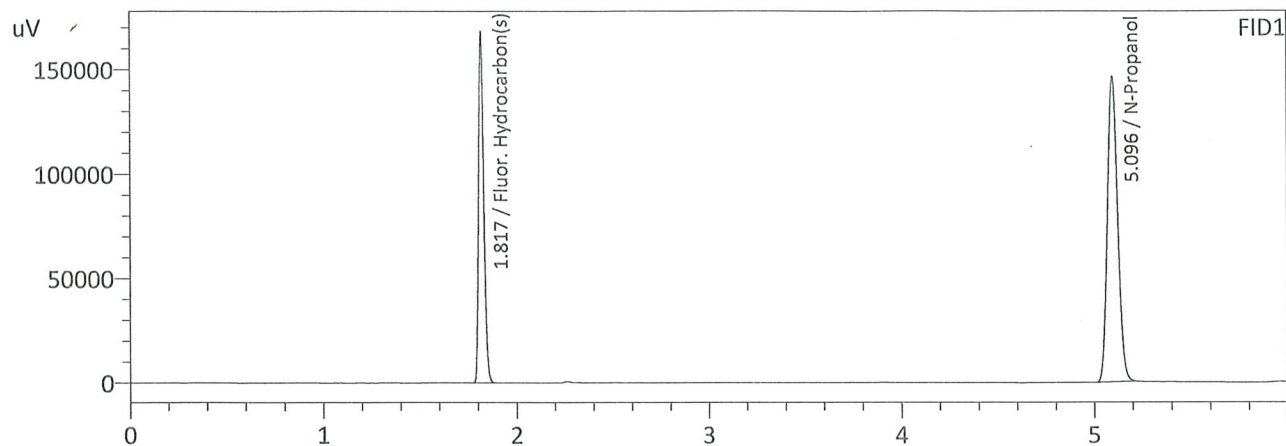
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	366393	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	372724	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : DFE #11-4-10
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 2:29:20 PM
Vial # : 82
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

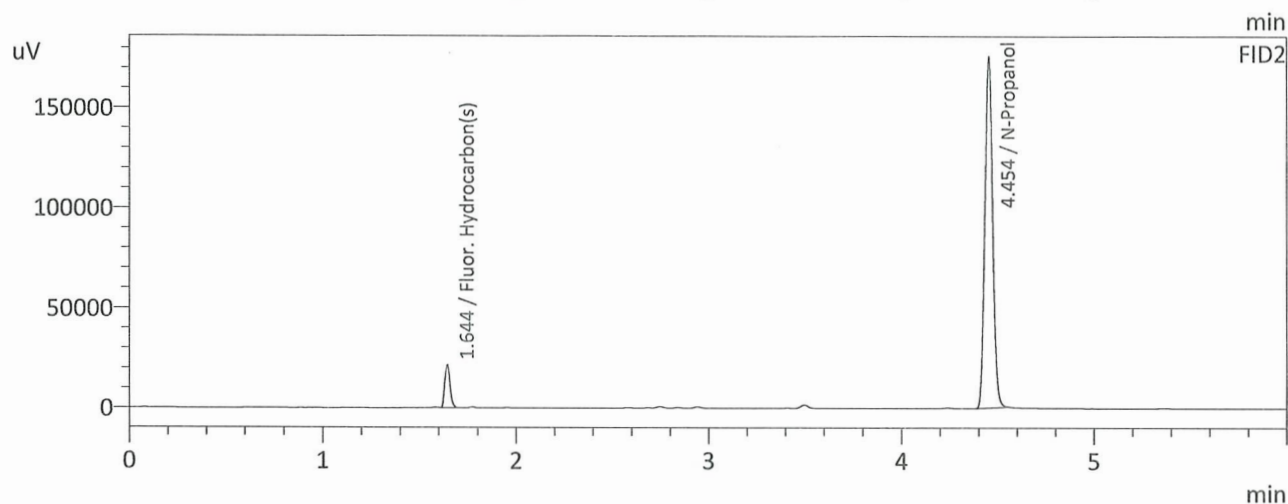
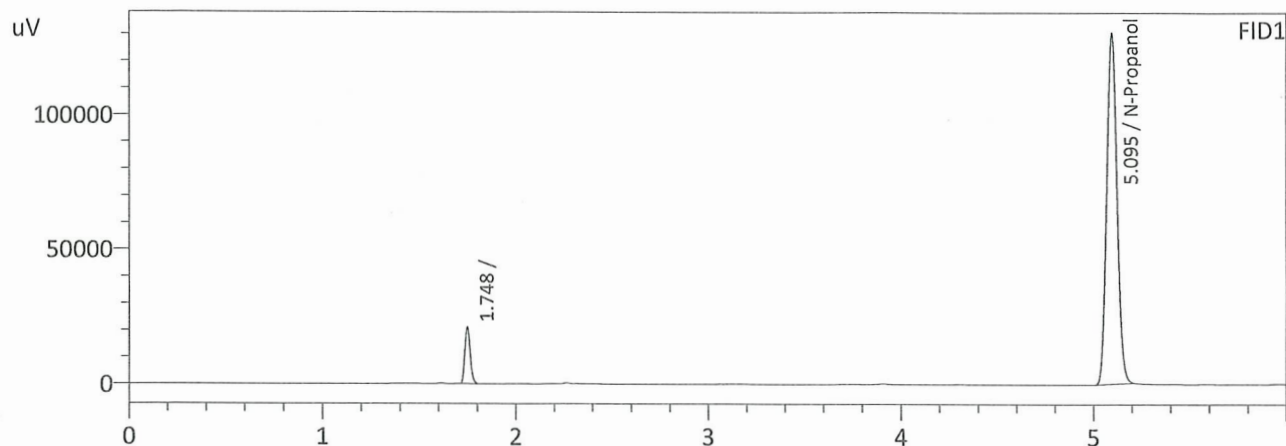
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	542954	g/100cc
Fluor. Hydrocarbon(s)	0.0000	305807	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	558319	g/100cc
Fluor. Hydrocarbon(s)	0.0000	313219	g/100cc

99

Sample Name : TFE #081120
Laboratory : Coeur d' Alene Lab
Injection Date : 1/21/2025 2:38:21 PM
Vial # : 83
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	484065	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	498854	g/100cc
Fluor. Hydrocarbon(s)	0.0000	40166	g/100cc