SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 01/22/26 SEQUENCE NAME 22Jan26

EQUIPMENT

Pipettor	☐ Hamilton ML600GJ10749	☒ Hamilton ML600EA20851
Gas Chromatograph	☐ Agilent US14173023	☒ Agilent US2320A024

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03062417

Vial 2 0.10 calibrator Lot FN04042408

Vial 3 0.20 calibrator Lot FN03132302

Vial 4 0.40 calibrator Lot FN04092401

Coefficient of determination (r^2) 0.99999

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CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 112224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 061225MIX
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.038 g/dL	Lipomed 529862
9	Blood control	0.203 g/dL	0.202 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.103 g/dL	Lipomed C1455120
31	Blood control	0.203 g/dL	0.203 g/dL	ACQ 413622206/10
42	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
53	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 12052023-B
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 529862
55	Blood control	0.203 g/dL	0.203 g/dL	ACQ 4130622206/10
56	Blank	Not detected	Not detected	SPD lab 010226AQ

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒ Run invalid ☐ Erika Canonico Analyst

Run valid ☑ Run invalid ☐ Lori Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

Sequence: 22Jan26 **Analyst: Canonico** EC

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.403	0.400	0.75	0.003
0.040 529862	8	0.038	0.040	5.00	0.002
0.203 4130622206/10	9	0.202	0.203	0.49	0.001
0.100 C1455120	20	0.103	0.100	3.00	0.003
0.203 4130622206/10	31	0.203	0.203	0.00	0.000
0.100 C1455120	42	0.101	0.100	1.00	0.001
0.400 12052023-B	53	0.406	0.400	1.50	0.006
0.040 529862	54	0.040	0.040	0.00	0.000
0.203 4130622206/10	55	0.203	0.203	0.00	0.000
blank 010226AQ	56	negative	negative	-	-

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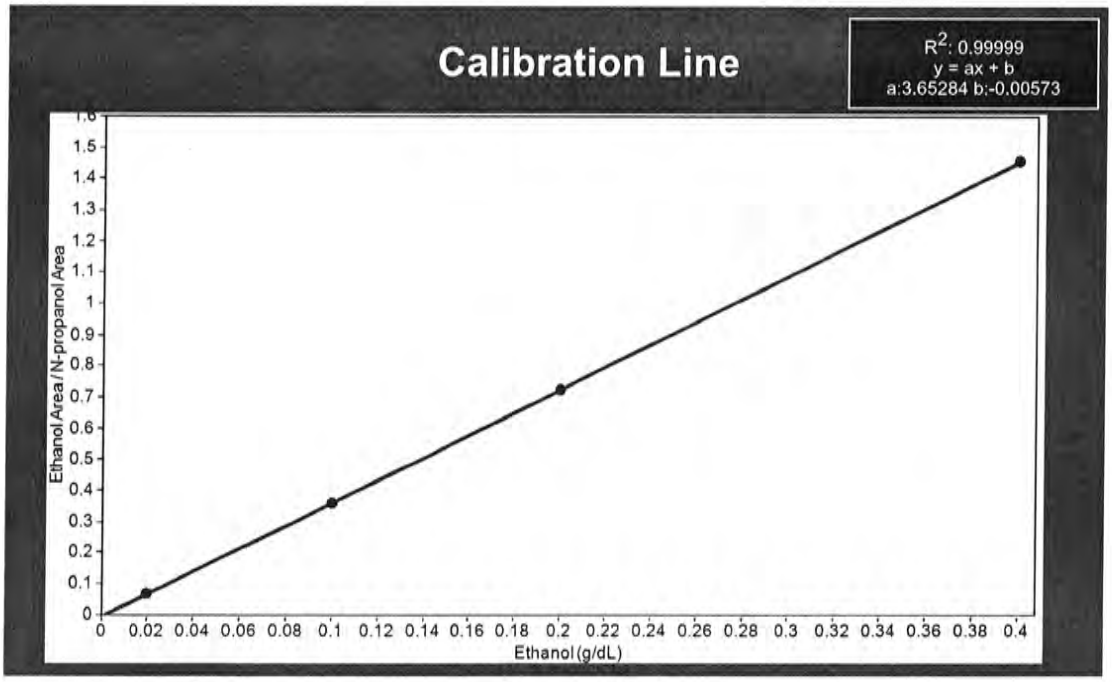
Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	13.172	192.555	0.068
0.100	68.790	191.518	0.359
0.200	137.039	189.457	0.723
0.400	277.653	190.670	1.456



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03062417	**Vial:**	1
Description:	0.020 Calibrator	**Sequence:**	22Jan26
Method:	ethanol quant.M	**Injection date:**	1/22/2026 1:46:02 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\22Jan26\1.D		

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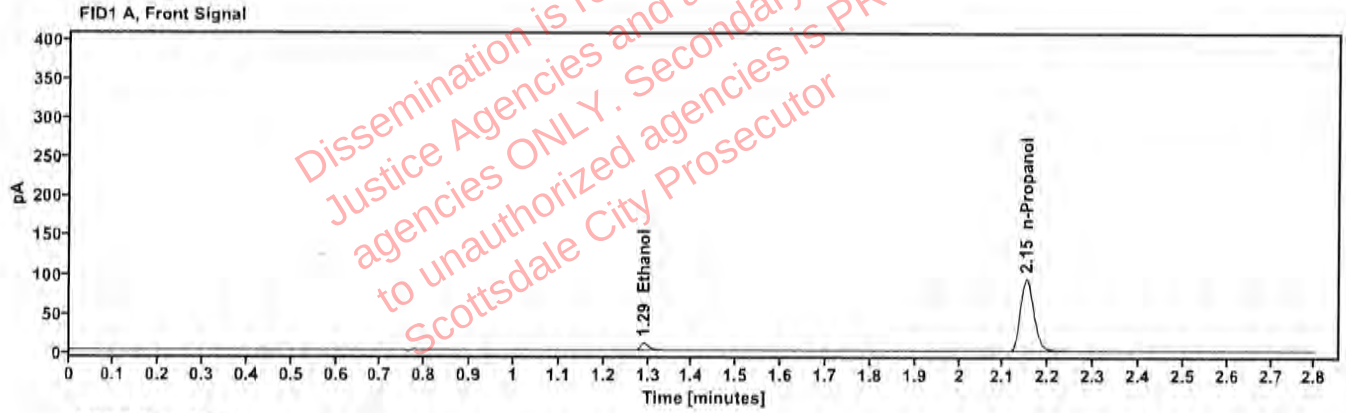

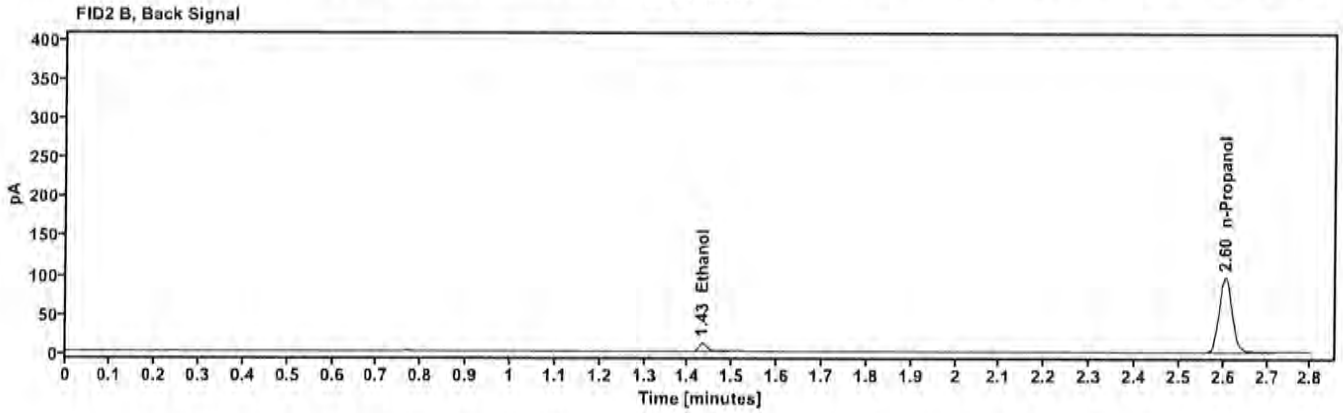

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.290	13.172
n-Propanol	2.151	192.555

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	13.808
n-Propanol	2.604	199.004

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04042408	**Vial:**	2
Description:	0.100 Calibrator	**Sequence:**	22Jan26
Method:	ethanol quant.M	**Injection date:**	1/22/2026 1:49:50 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EQ
Data file:	C:\Chem32\1\Data\22Jan26\2.D		

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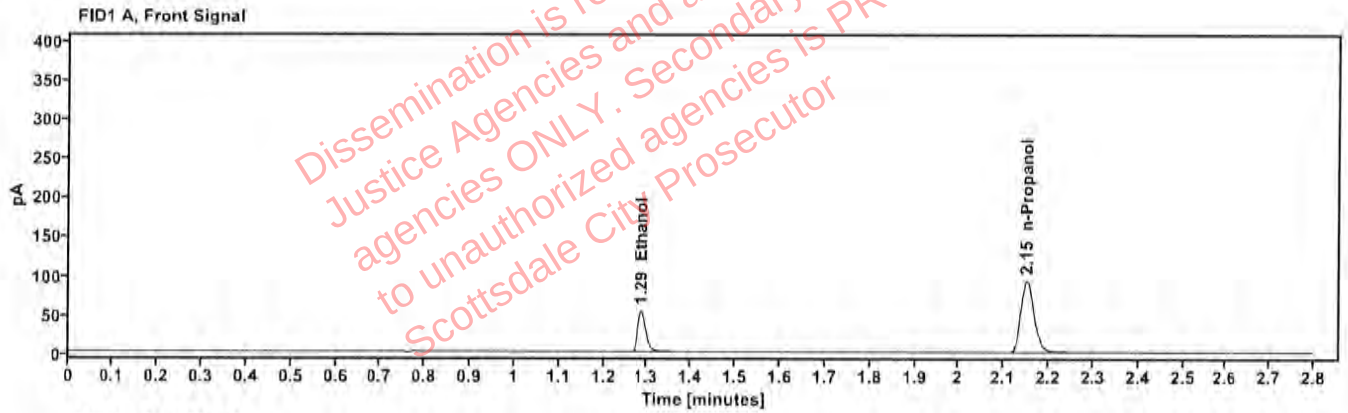

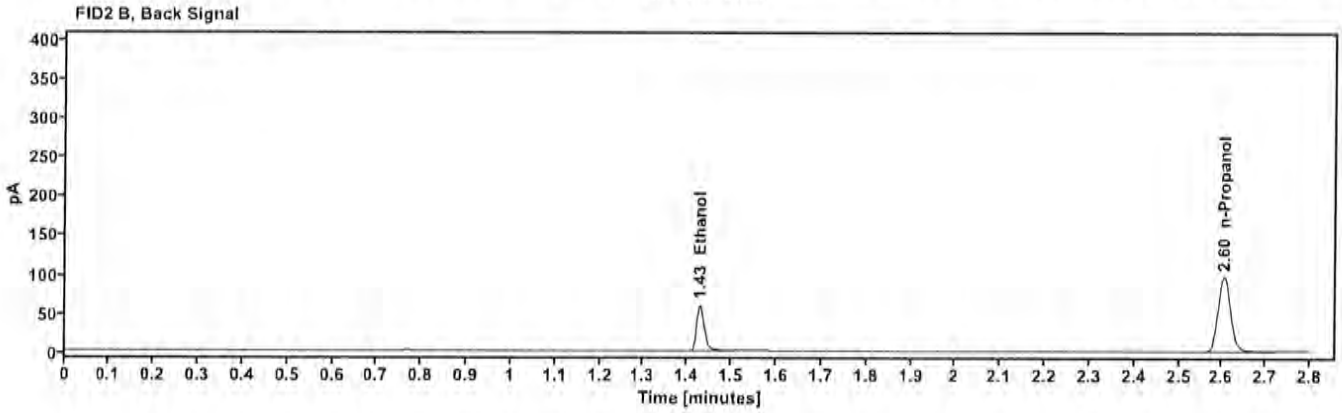

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.286	68.790
n-Propanol	2.151	191.518

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	70.939
n-Propanol	2.604	197.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	**Vial:**	3
Description:	0.200 Calibrator	**Sequence:**	22Jan26
Method:	ethanol quant.M	**Injection date:**	1/22/2026 1:53:38 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EQ
Data file:	C:\Chem32\1\Data\22Jan26\3.D		

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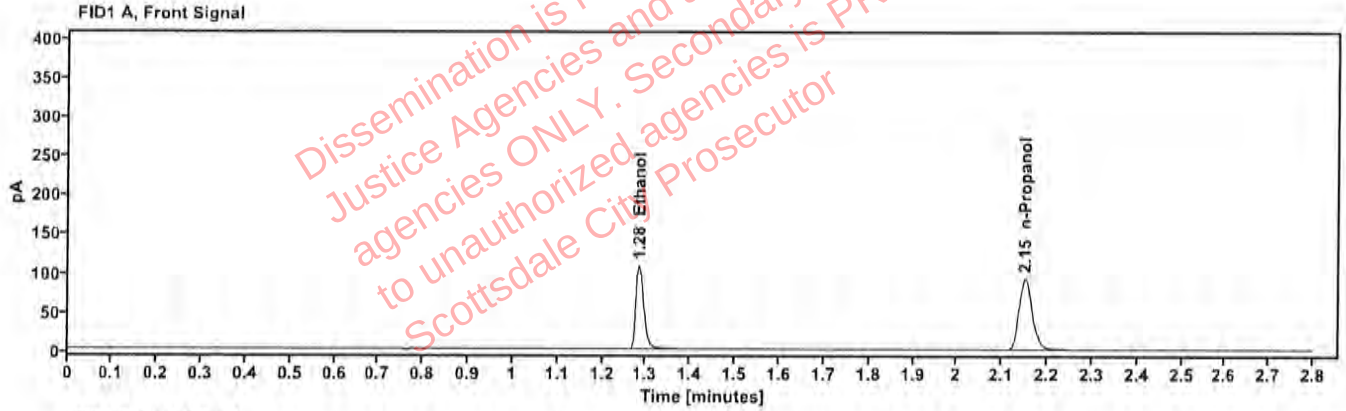

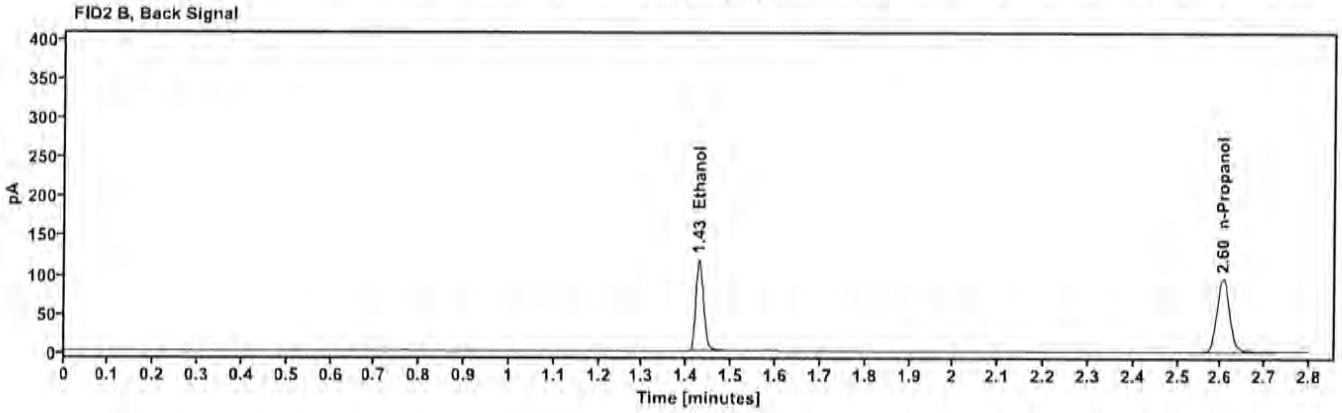

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.284	137.039
n-Propanol	2.151	189.457

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.427	141.170
n-Propanol	2.604	195.423

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04092401	**Vial:**	4
Description:	0.400 Calibrator	**Sequence:**	22Jan26
Method:	ethanol quant.M	**Injection date:**	1/22/2026 1:57:25 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\22Jan26\4.D		

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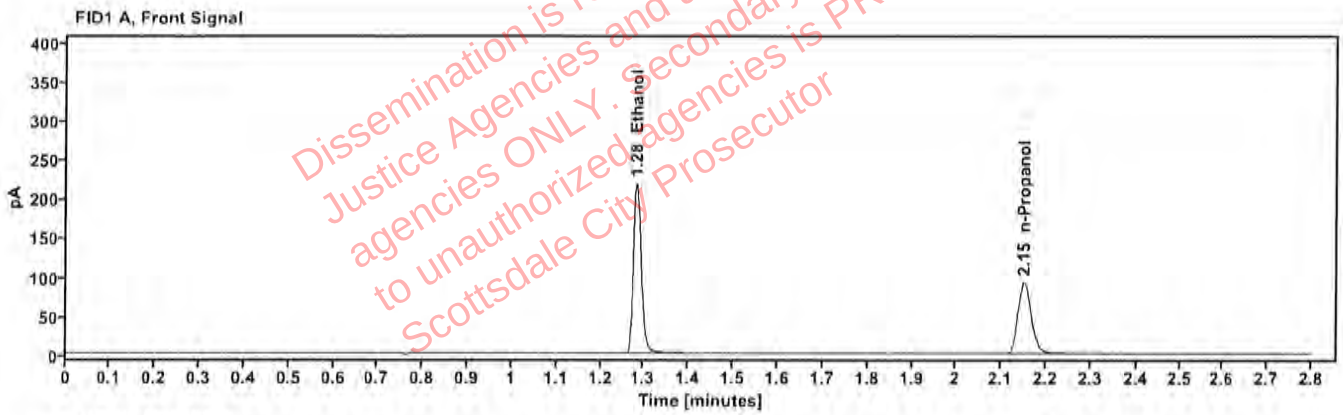

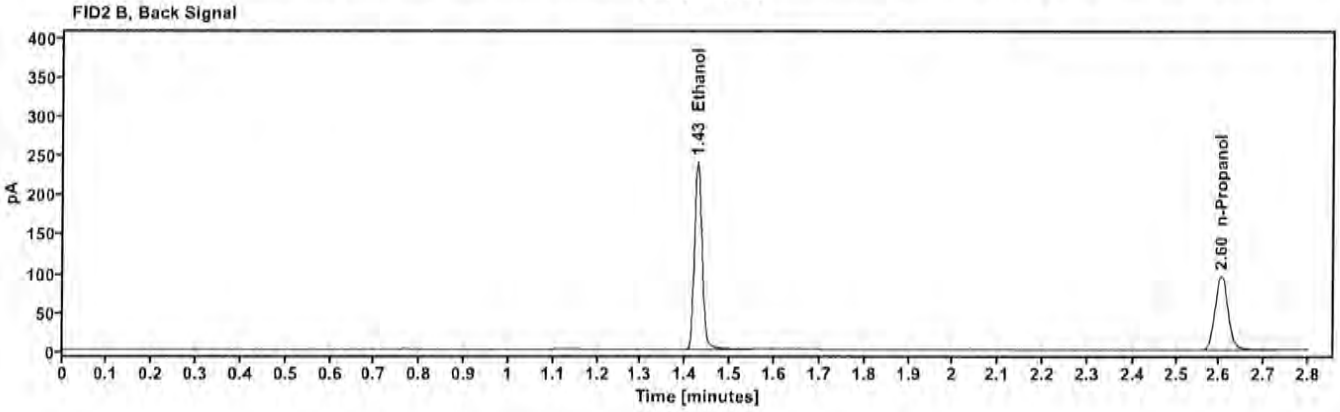

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.283	277.653
n-Propanol	2.150	190.670

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.427	287.942
n-Propanol	2.603	196.633

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	**Vial:**	5
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:01:13 PM
Data file:	C:\Chem32\1\Data\22Jan26\5.D	**Analyst:**	Canonico EQ

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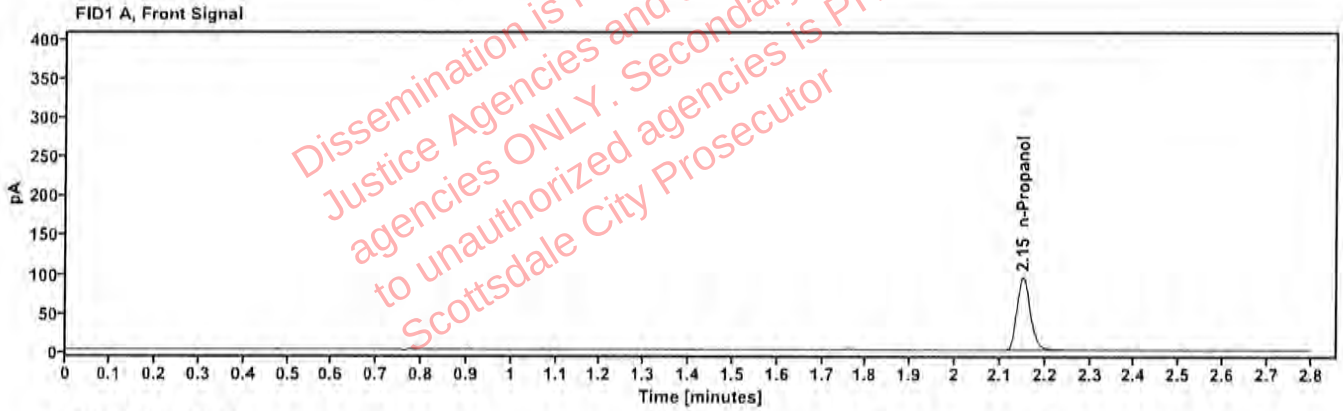

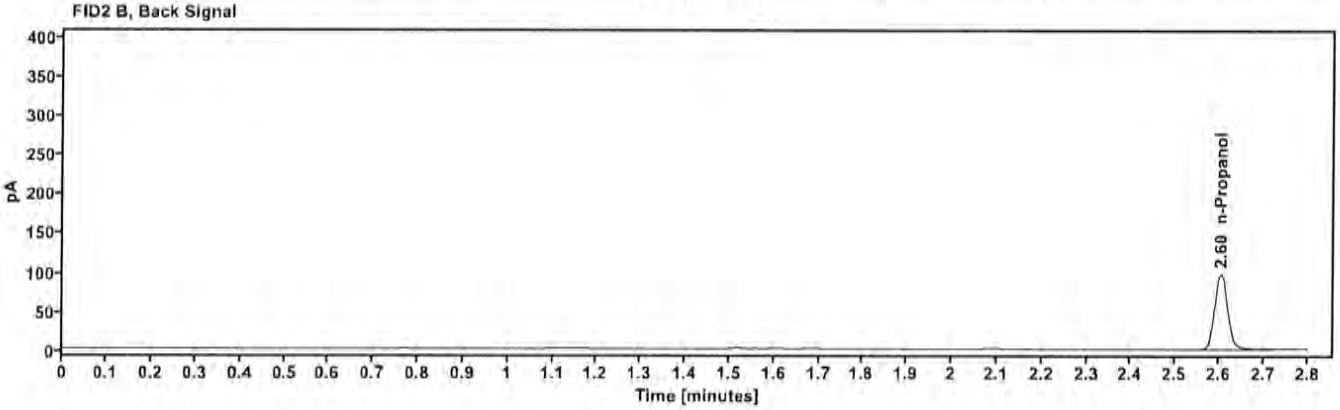

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	——	2.150	193.642

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.604	200.251

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	061225MIX	**Vial:**	6
Description:	Volatile Mix	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:05:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\6.D	**Analyst:**	Canonico EC

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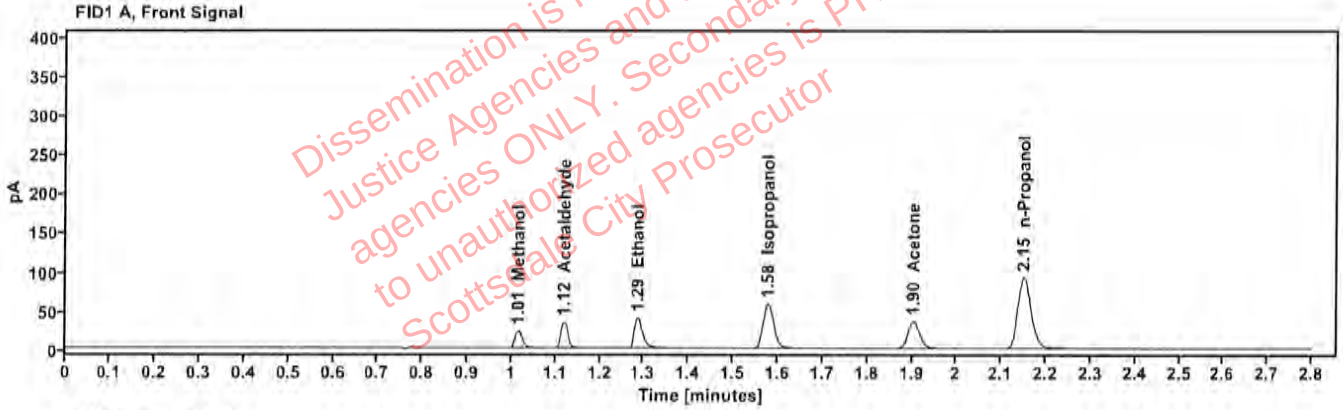

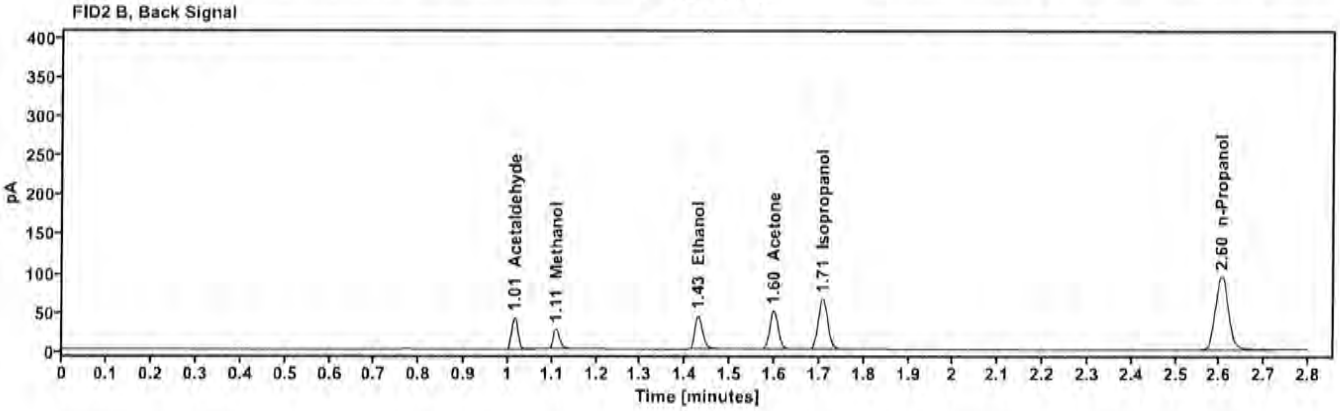

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	1.015	26.309
Acetaldehyde	-----	1.119	37.006
quantified Ethanol	0.0758	1.286	51.589
Isopropanol	-----	1.578	94.631
Acetone	-----	1.904	63.280
n-Propanol	-----	2.150	190.230

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.014	38.284
Methanol	1.109	27.165
Ethanol	1.428	52.986
Acetone	1.598	65.388
Isopropanol	1.708	98.048
n-Propanol	2.604	196.184

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	7
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:10:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\7.D	**Analyst:**	Canonico EC

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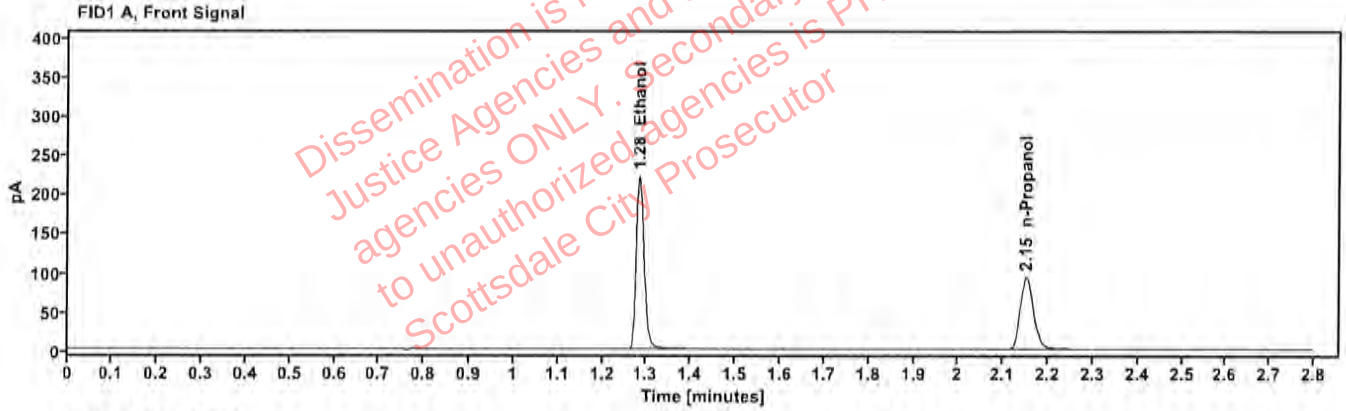

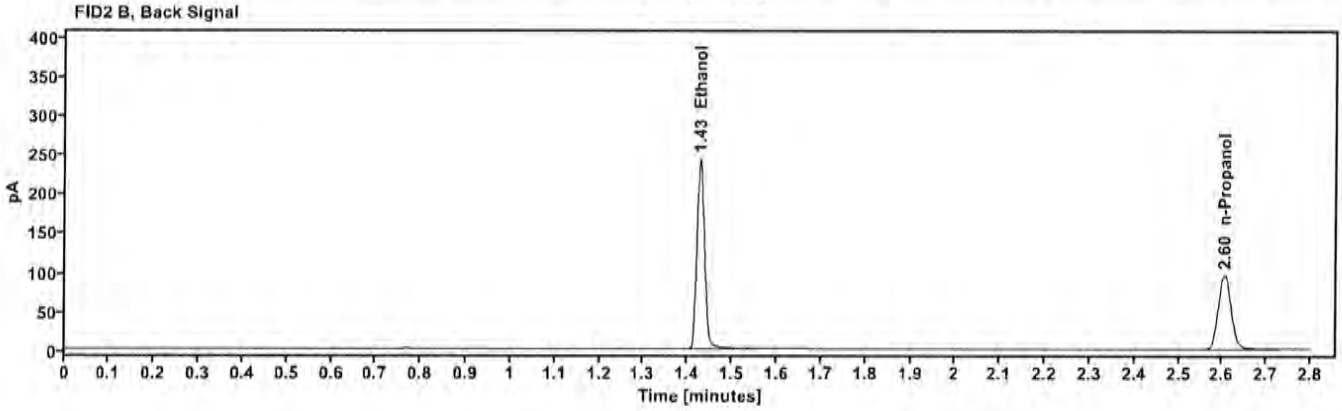

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4034	1.283	281.584
n-Propanol	——	2.151	191.835

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.427	291.928
n-Propanol	2.604	197.836

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	**Vial:**	8
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:13:50 PM
Data file:	C:\Chem32\1\Data\22Jan26\8.D	**Analyst:**	Canonico

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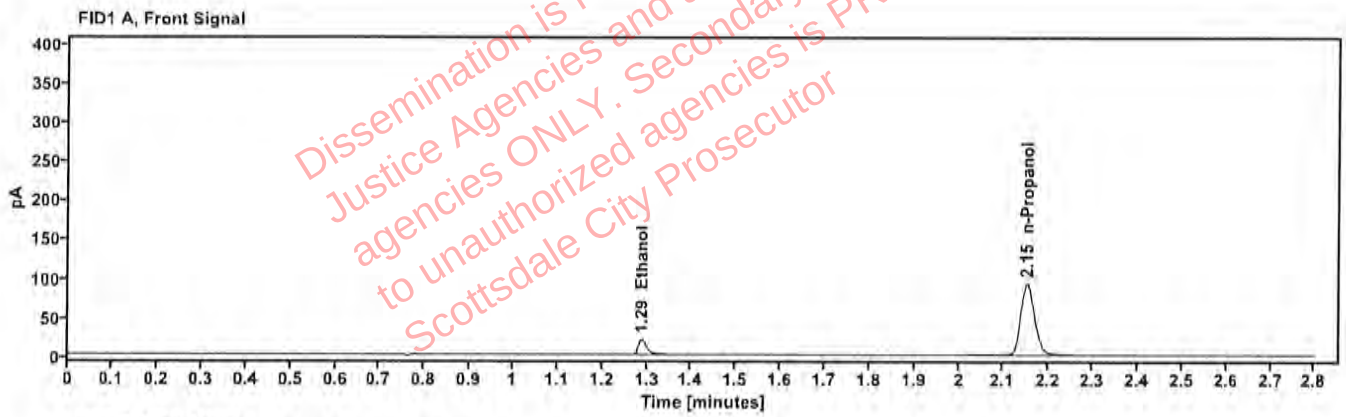

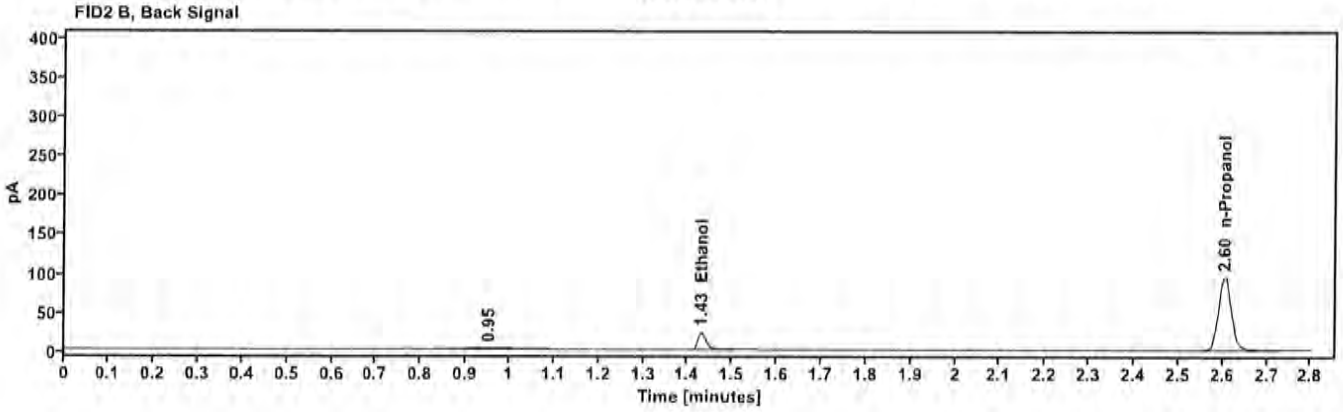

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0380	1.288	26.502
n-Propanol	——	2.151	199.055

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	27.394
n-Propanol	2.604	195.641

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	9
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:17:37 PM
Data file:	C:\Chem32\1\Data\22Jan26\9.D	**Analyst:**	Canonico EQ

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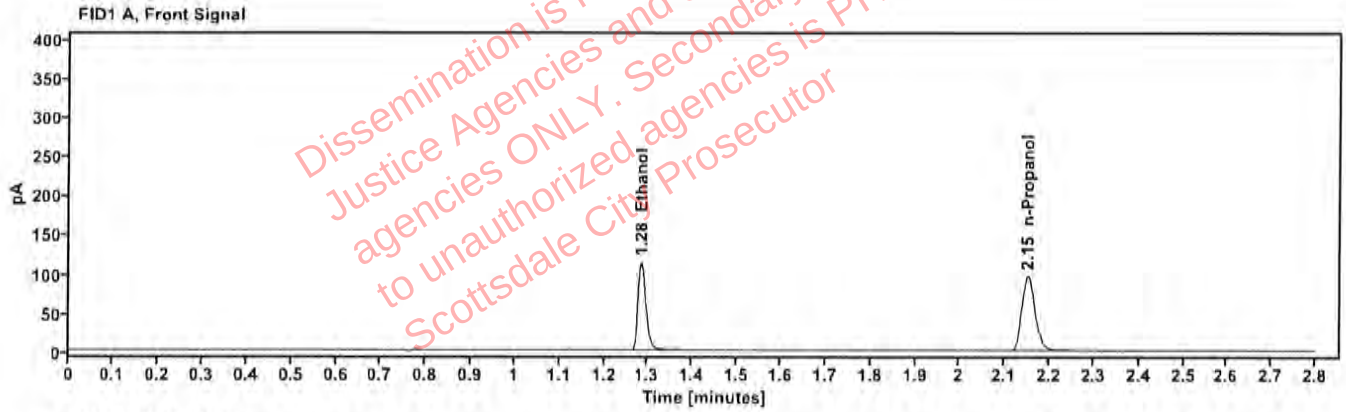

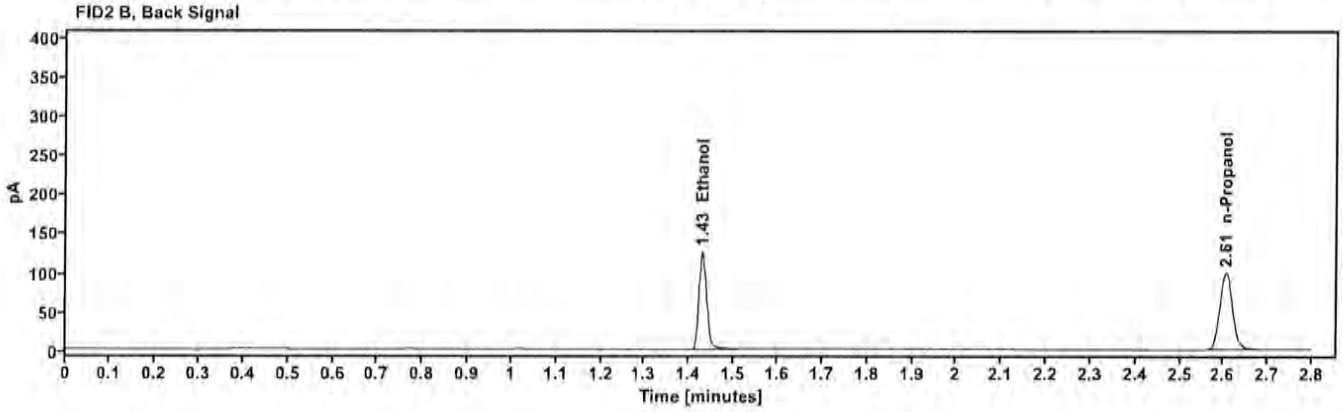

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2020	1.285	145.307
n-Propanol	——	2.151	198.486

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	149.348
n-Propanol	2.605	204.303

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	20
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:01:49 PM
Data file:	C:\Chem32\1\Data\22Jan26\20.D	**Analyst:**	Canonico EC

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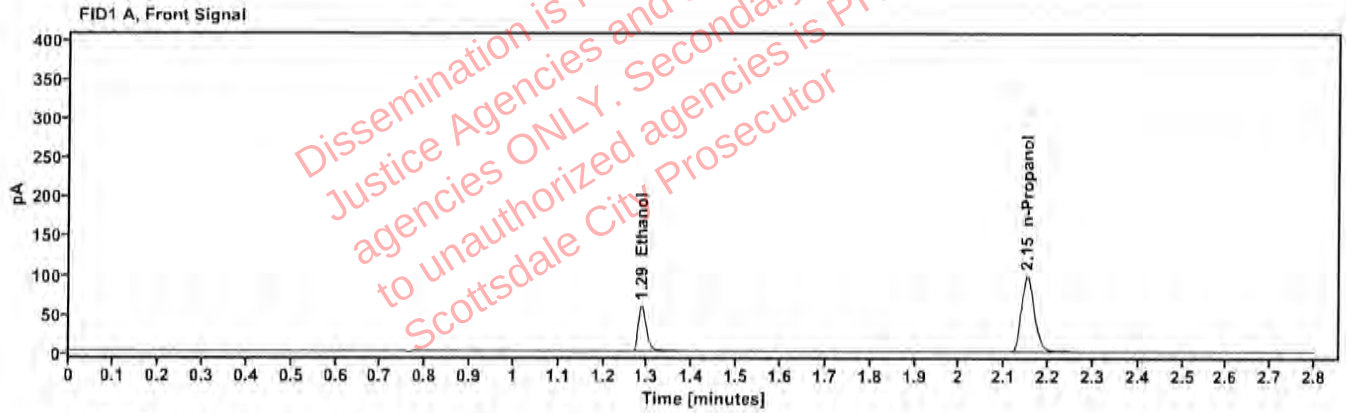

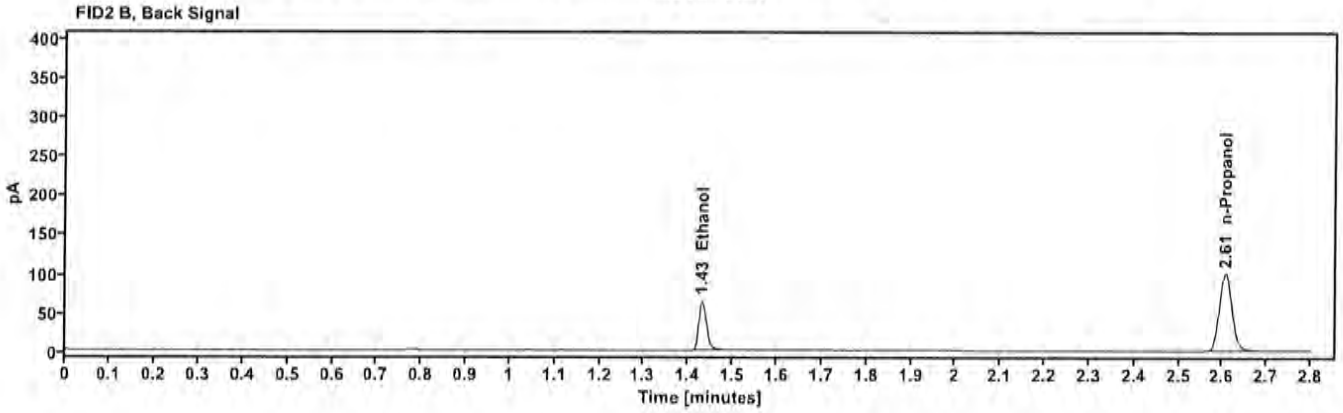

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1039	1.287	74.817
n-Propanol	-----	2.152	200.113

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	76.733
n-Propanol	2.606	205.670

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	31
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:46:01 PM
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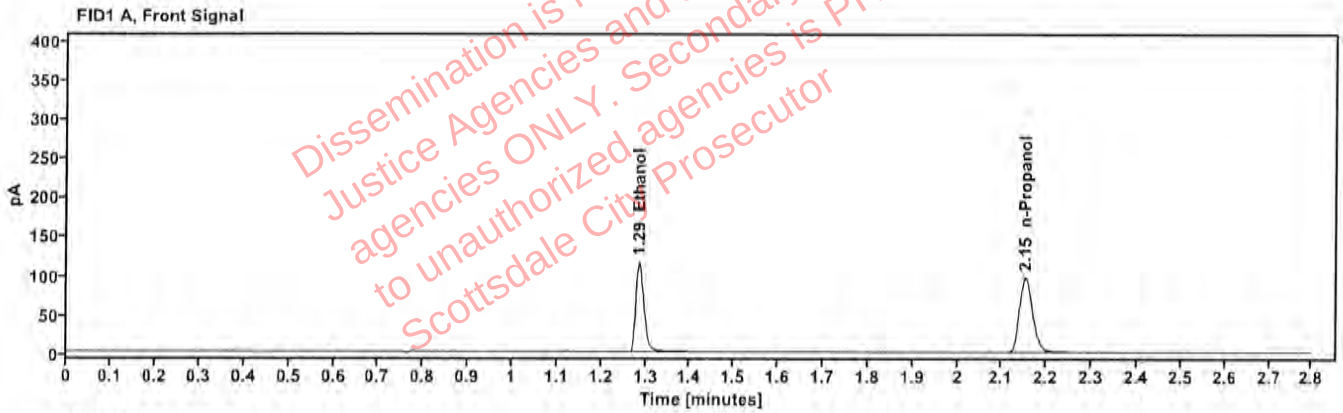

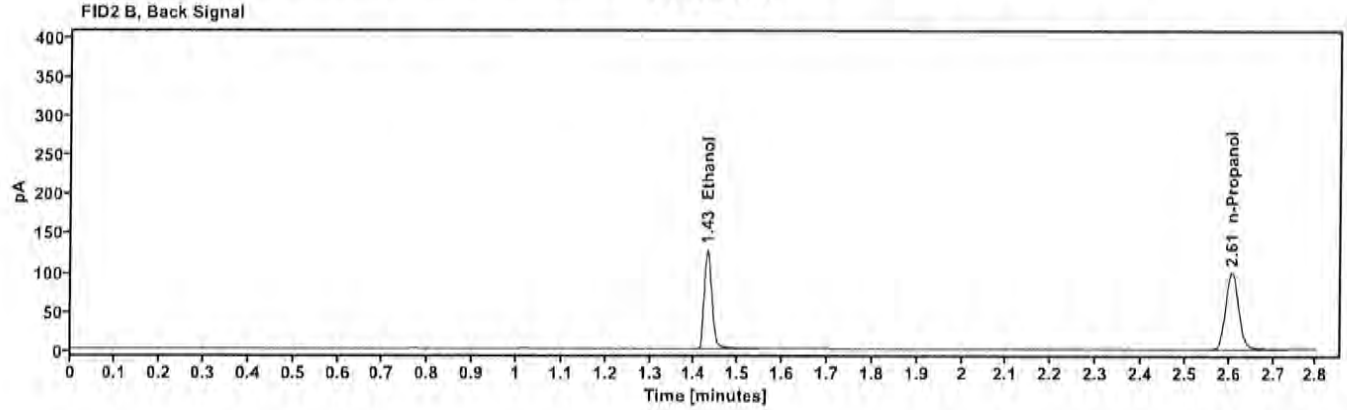

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2038	1.285	147.261
n-Propanol	——	2.152	199.394

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	152.929
n-Propanol	2.606	205.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	42
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:29:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\42.D	**Analyst:**	Canonico EC

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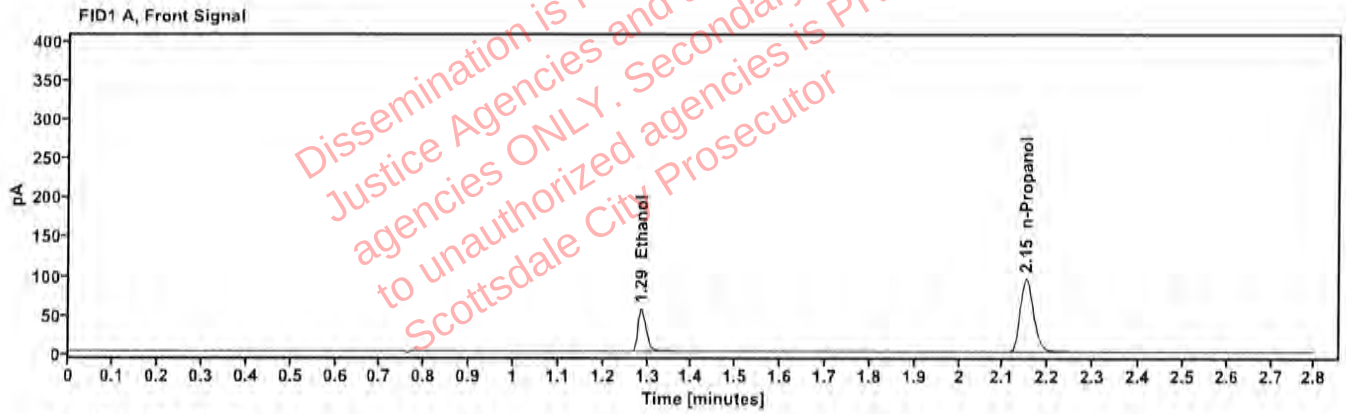

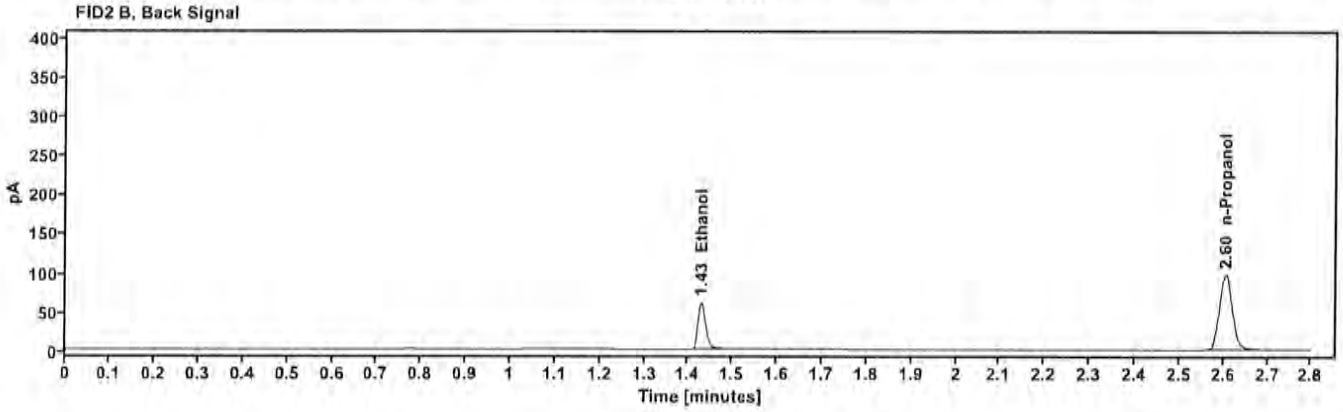

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1013	1.286	71.389
n-Propanol	——	2.151	196.021

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	73.252
n-Propanol	2.605	201.295

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	53
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:13:14 PM
Data file:	C:\Chem32\1\Data\22Jan26\53.D	**Analyst:**	Canonico EO

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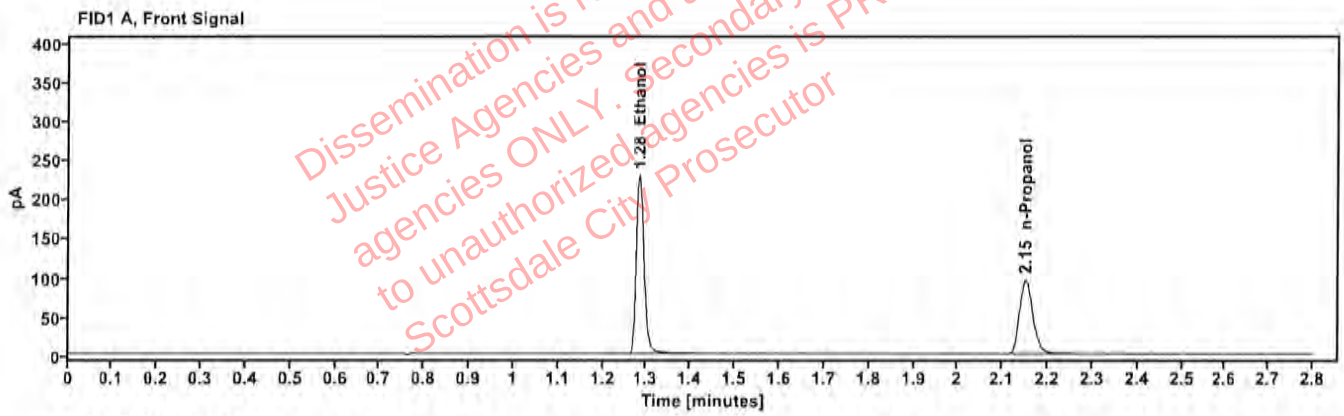

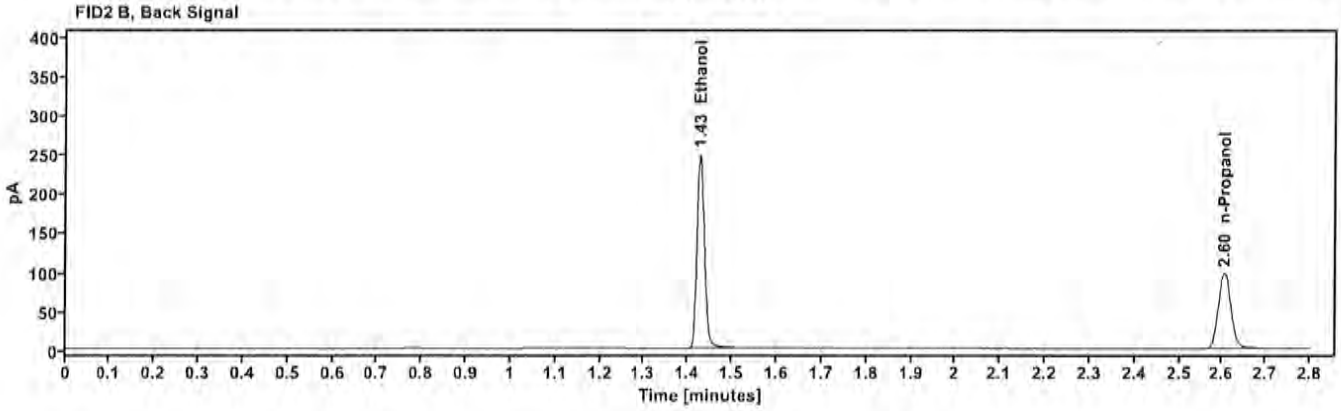

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4061	1.283	290.204
n-Propanol	——	2.151	196.400

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.427	299.893
n-Propanol	2.604	201.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	**Vial:**	54
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:17:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\54.D	**Analyst:**	Canonico EC

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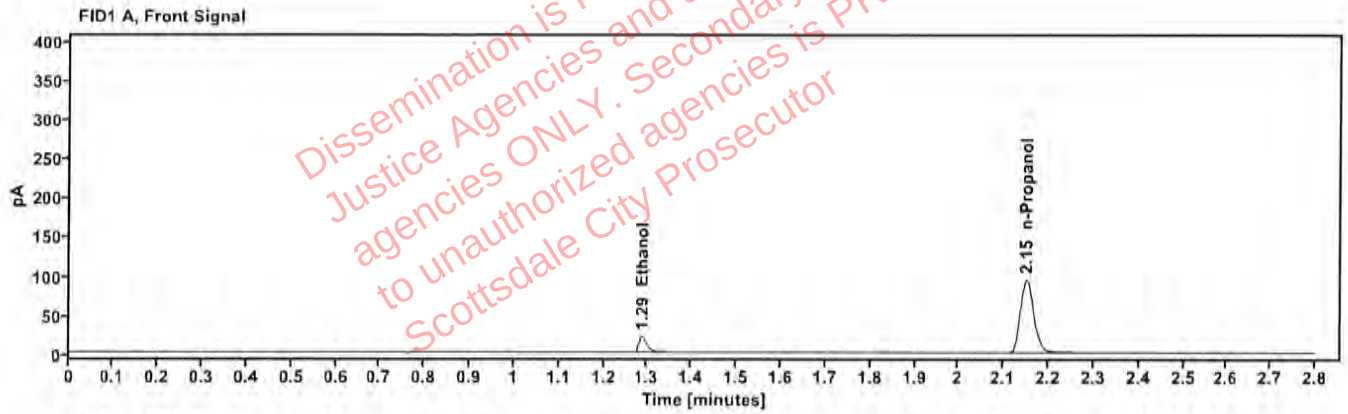

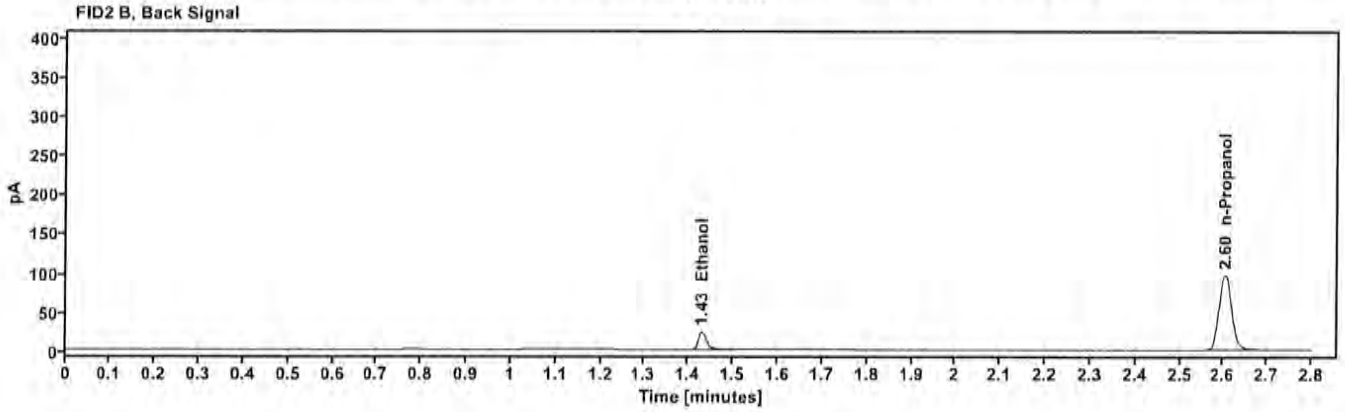

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0402	1.288	27.473
n-Propanol	----	2.150	194.907

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	28.314
n-Propanol	2.604	200.235

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	55
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:22:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\55.D	**Analyst:**	Canonico EQ

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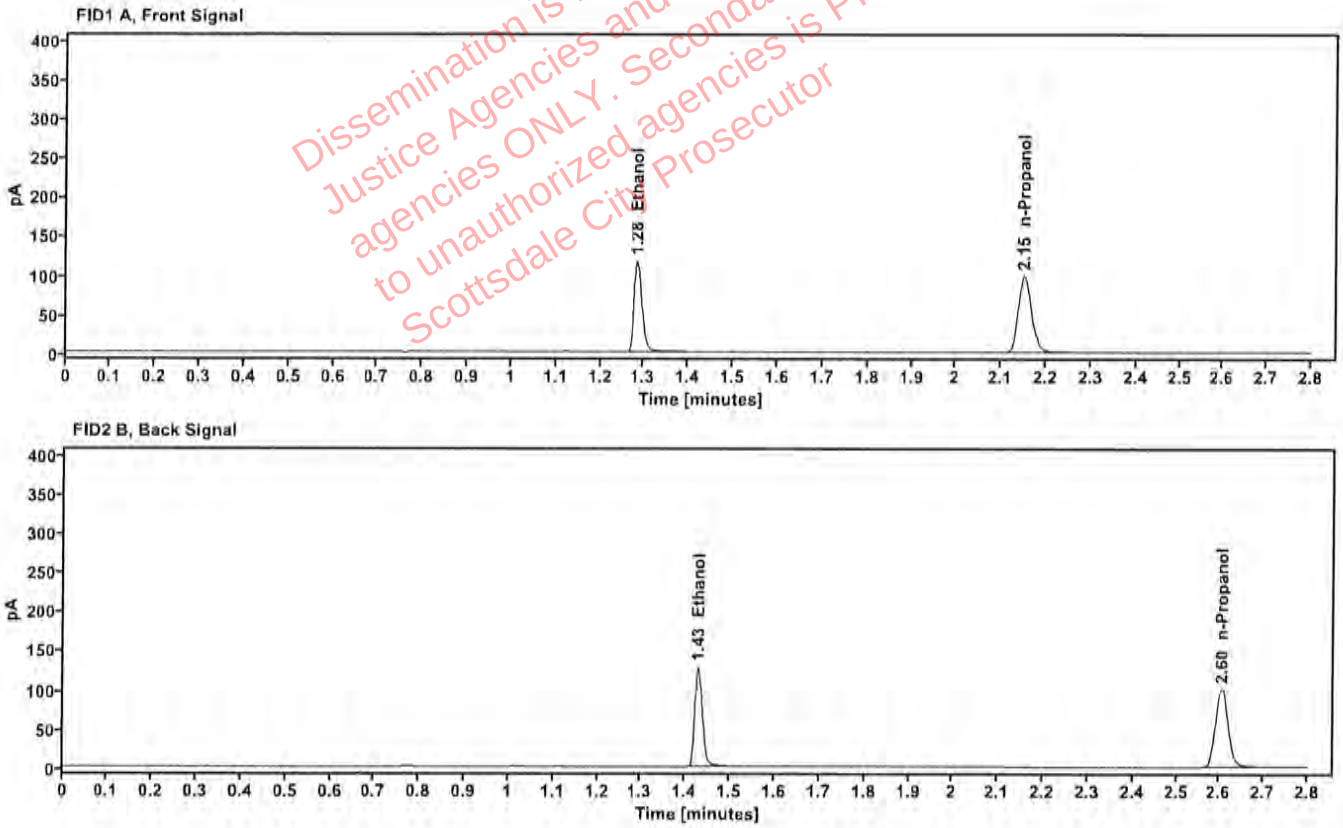

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2034	1.284	148.762
n-Propanol	——	2.151	201.774

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	154.114
n-Propanol	2.605	207.368

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	010226AQ	**Vial:**	56
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:25:50 PM
Data file:	C:\Chem32\1\Data\22Jan26\56.D	**Analyst:**	Canonico SC

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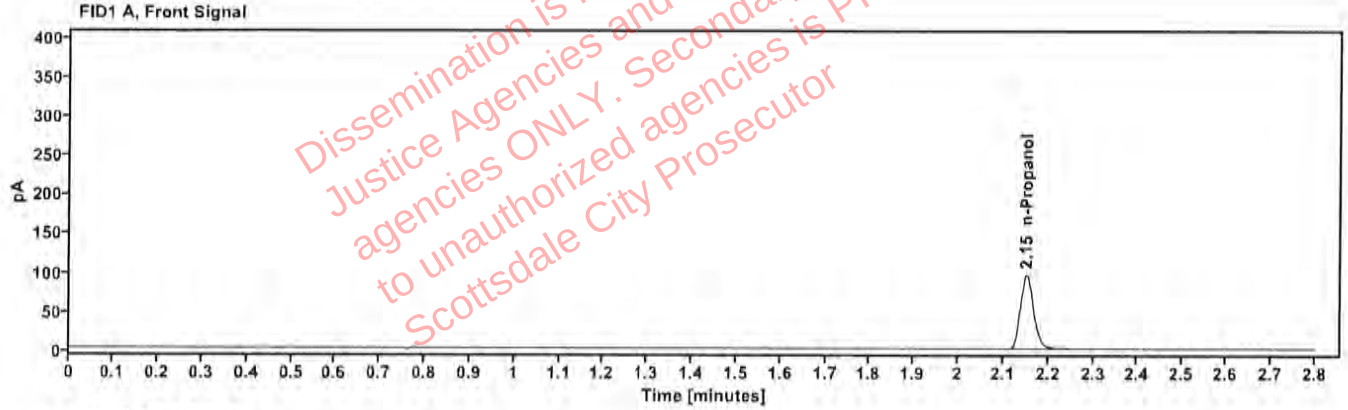

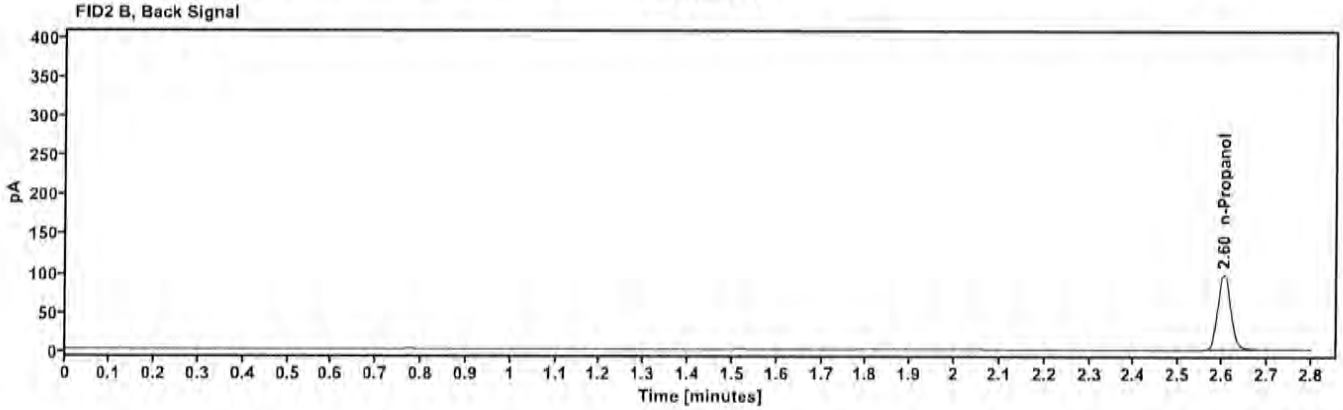

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.150	196.624

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.604	202.221

Sequence Summary

Sequence name: 22Jan26 **Instrument:** US2320A024 US23180007 **Analyst:** Canonico EQ

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03062417	0.020 Calibrator	Calibration		ethanol quant.M
2	FN04042408	0.100 Calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 Calibrator	Calibration		ethanol quant.M
4	FN04092401	0.400 Calibrator	Calibration		ethanol quant.M
5	111224WB	negative	Control		ethanol quant.M
6	061225MIX	Volatile Mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	529862	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	2525379-1	[redacted]	Sample	[redacted]	ethanol quant.M
11	2525379-1		Sample		ethanol quant.M
12	2525597-1		Sample		ethanol quant.M
13	2525597-1		Sample		ethanol quant.M
14	2525589-1		Sample		ethanol quant.M
15	2525589-1		Sample		ethanol quant.M
16	2525664-1		Sample		ethanol quant.M
17	2525664-1		Sample		ethanol quant.M
18	2525588-3		Sample		ethanol quant.M
19	2525588-3		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	2525588-1	[redacted]	Sample	[redacted]	ethanol quant.M
22	2525588-1		Sample		ethanol quant.M
23	419-01C.G.		Sample		ethanol quant.M
24	419-01C.G.		Sample		ethanol quant.M
25	430-01J.C.		Sample		ethanol quant.M
26	430-01J.C.		Sample		ethanol quant.M
27	409-01D.R.		Sample		ethanol quant.M
28	409-01D.R.		Sample		ethanol quant.M
29	347-01C.R.		Sample		ethanol quant.M
30	347-01C.R.		Sample		ethanol quant.M
31	4130622206/10	0.203	Control		ethanol quant.M
32	2525733-1	[redacted]	Sample	[redacted]	ethanol quant.M
33	2525733-1		Sample		ethanol quant.M
34	2525721-2		Sample		ethanol quant.M
35	2525721-2		Sample		ethanol quant.M
36	2525784-1		Sample		ethanol quant.M
37	2525784-1		Sample		ethanol quant.M
38	2525831-1		Sample		ethanol quant.M
39	2525831-1		Sample		ethanol quant.M
40	2525855-2		Sample		ethanol quant.M
41	2525855-2		Sample		ethanol quant.M
42	C1455120	0.100	Control		ethanol quant.M
43	2525917-2	[redacted]	Sample	[redacted]	ethanol quant.M
44	2525917-2		Sample		ethanol quant.M
45	2525929-2		Sample		ethanol quant.M
46	2525929-2		Sample		ethanol quant.M
47	2525731-2		Sample		ethanol quant.M

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Sequence Summary

EQ

48	2525731-2	[redacted]	Sample	[redacted]	ethanol quant.M
49	2513573-2		Sample		ethanol quant.M
50	2513573-2		Sample		ethanol quant.M
51	2514625-2		Sample		ethanol quant.M
52	2514625-2		Sample		ethanol quant.M
53	12052023-B	0.400	Control		ethanol quant.M
54	529862	0.040	Control		ethanol quant.M
55	4130622206/10	0.203	Control		ethanol quant.M
56	010226AQ	negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory
Summary of Cases

SEQUENCE NAME: 22Jan26 **ANALYST: Canonico** EC

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference(g/dL)*
10 11	0.0892	0.0881	0.08865	0.62	0.00055
12 13	0.1751	0.1743	0.17470	0.23	0.00040
14 15	0.0767	0.0778	0.07725	0.71	0.00055
16 17	0.1655	0.1651	0.16530	0.12	0.00020
18 19	0.2297	0.2297	0.22970	0.00	0.00000
21 22	0.1957	0.1954	0.19555	0.08	0.00015
23 24	0.2204	0.2222	0.22130	0.41	0.00090
25 26	0.2172	0.2174	0.21730	0.05	0.00010
27 28	0.1431	0.1442	0.14365	0.38	0.00055
29 30	0.1688	0.1688	0.16880	0.00	0.00000
32 33	0.0995	0.0992	0.09935	0.15	0.00015
34 35	0.2648	0.2655	0.26515	0.13	0.00035
36 37	0.3129	0.3113	0.31210	0.26	0.00080
38 39	0.2036	0.2057	0.20465	0.51	0.00105
40 41	0.3241	0.3236	0.32385	0.08	0.00025
43 44	0.2522	0.2531	0.25265	0.18	0.00045
45 46	0.1814	0.1819	0.18165	0.14	0.00025
47 48	0.1204	0.1204	0.12040	0.00	0.00000
49 50	0.1360	0.1356	0.13580	0.15	0.00020
51 52	0.1143	0.1139	0.11410	0.18	0.00020

*Calculated differences are differences from the mean of the two results.

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Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

ANALYST: Canonico EC **SEQUENCE:** 22Jan26

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2525379-1	2525379-1	2525379-1	Yes
Vials 12 and 13	2525597-1	2525597-1	2525597-1	Yes
Vials 14 and 15	2525589-1	2525589-1	2525589-1	Yes
Vials 16 and 17	2525664-1	2525664-1	2525664-1	Yes
Vials 18 and 19	2525588-3	2525588-3	2525588-3	Yes
Vials 21 and 22	2525588-1	2525588-1	2525588-1	Yes
Vials 23 and 24	419-01C.G.	419-01C.G.	419-01C.G.	Yes
Vials 25 and 26	430-01J.C.	430-01J.C.	430-01J.C.	Yes
Vials 27 and 28	409-01D.R.	409-01D.R.	409-01D.R.	Yes
Vials 29 and 30	347-01C.R.	347-01C.R.	347-01C.R.	Yes
Vials 32 and 33	2525733-1	2525733-1	2525733-1	Yes
Vials 34 and 35	2525721-2	2525721-2	2525721-2	Yes
Vials 36 and 37	2525784-1	2525784-1	2525784-1	Yes
Vials 38 and 39	2525831-1	2525831-1	2525831-1	Yes
Vials 40 and 41	2525855-2	2525855-2	2525855-2	Yes
Vials 43 and 44	2525917-2	2525917-2	2525917-2	Yes
Vials 45 and 46	2525929-2	2525929-2	2525929-2	Yes
Vials 47 and 48	2525731-2	2525731-2	2525731-2	Yes
Vials 49 and 50	2513573-2	2513573-2	2513573-2	Yes
Vials 51 and 52	2514625-2	2514625-2	2514625-2	Yes

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[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525379-1	**Vial:**	10
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:21:26 PM
Data file:	C:\Chem32\1\Data\22Jan26\10.D	**Analyst:**	Canonico

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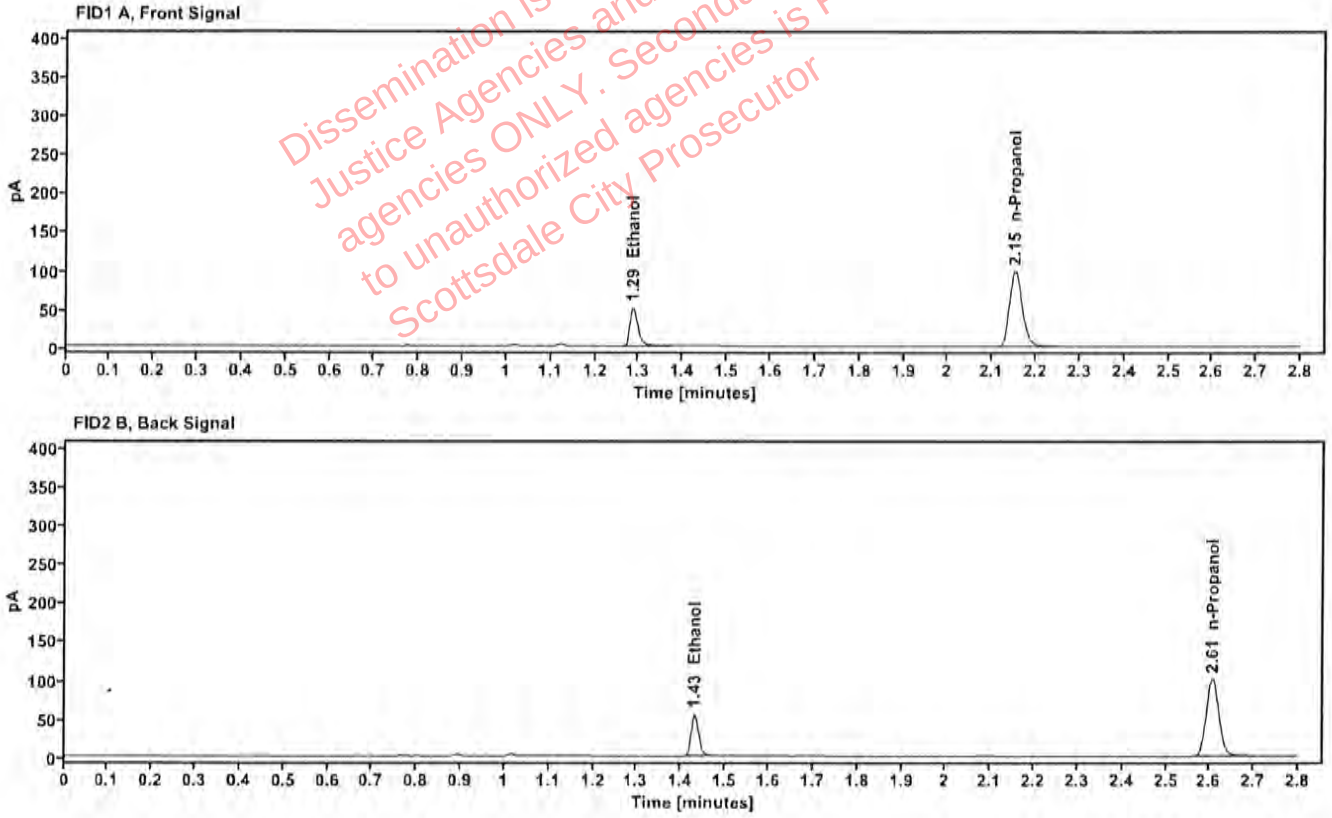

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0892	1.287	64.541
n-Propanol	-----	2.152	201.636

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	66.369
n-Propanol	2.606	208.116

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525379-1	**Vial:**	11
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:25:14 PM
Data file:	C:\Chem32\1\Data\22Jan26\11.D	**Analyst:**	Canonico

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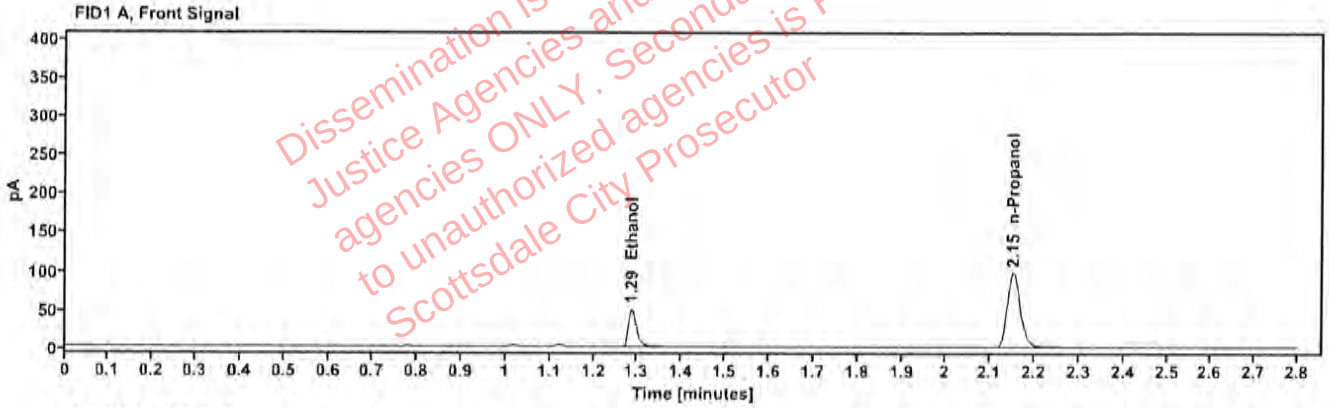

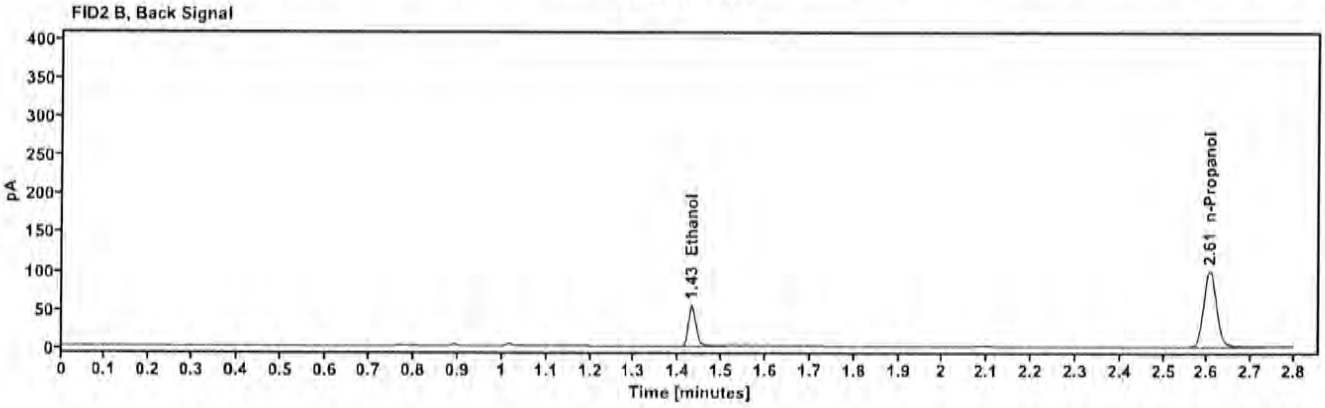

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0881	1.287	62.963
n-Propanol	-----	2.152	199.310

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	64.726
n-Propanol	2.605	205.593

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525597-1	**Vial:**	12
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:29:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\12.D	**Analyst:**	Canonico

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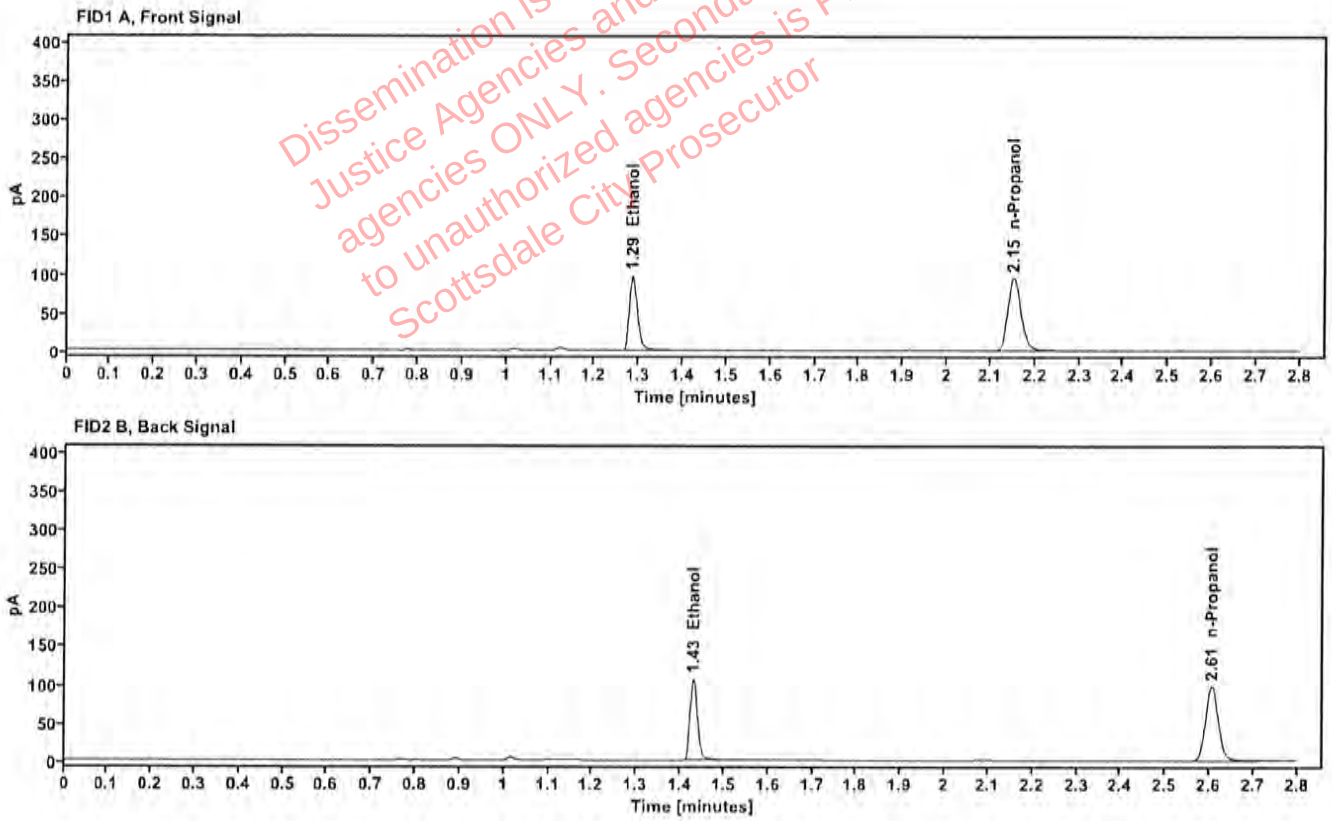

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1751	1.285	123.688
n-Propanol	----	2.152	195.075

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	127.917
n-Propanol	2.606	200.401

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525597-1	**Vial:**	13
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:34:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\13.D	**Analyst:**	Canonico

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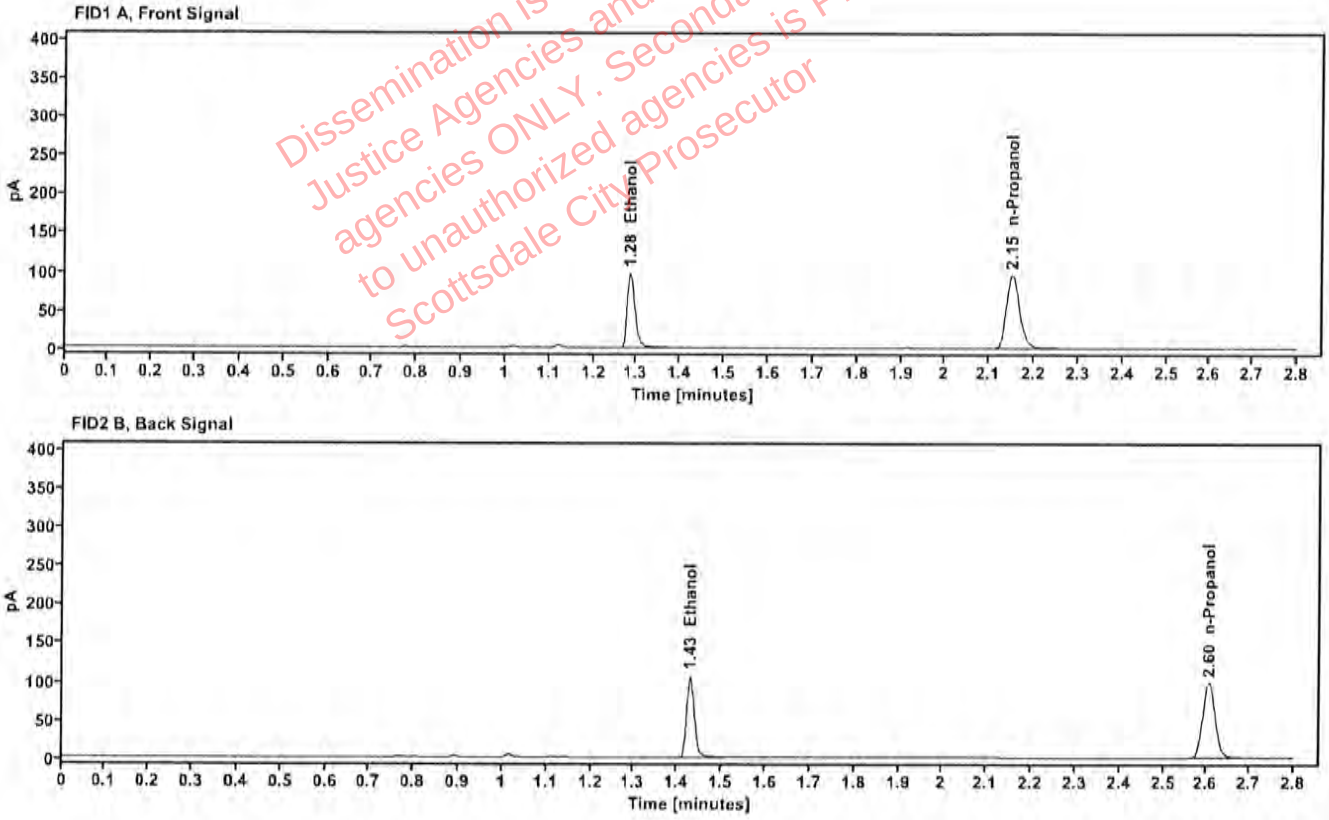

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1743	1.285	124.034
n-Propanol	----	2.151	196.560

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.428	127.399
n-Propanol	2.605	202.113

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525589-1	**Vial:**	15
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:41:37 PM
Data file:	C:\Chem32\1\Data\22Jan26\15.D	**Analyst:**	Canonico

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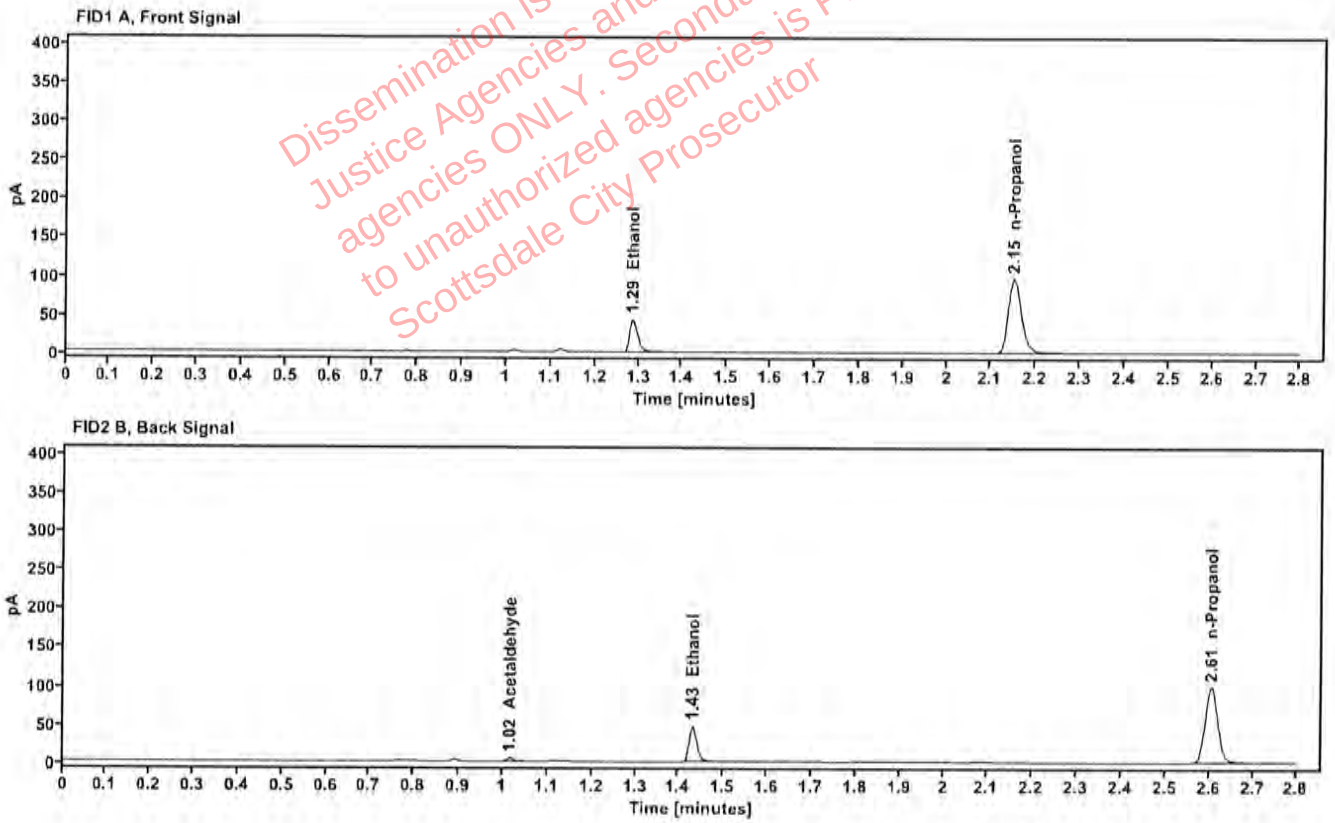

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0778	1.287	55.133
n-Propanol	——	2.151	197.979

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.878
Ethanol	1.430	56.398
n-Propanol	2.605	204.087

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525589-1	**Vial:**	14
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:37:50 PM
Data file:	C:\Chem32\1\Data\22Jan26\14.D	**Analyst:**	Canonico

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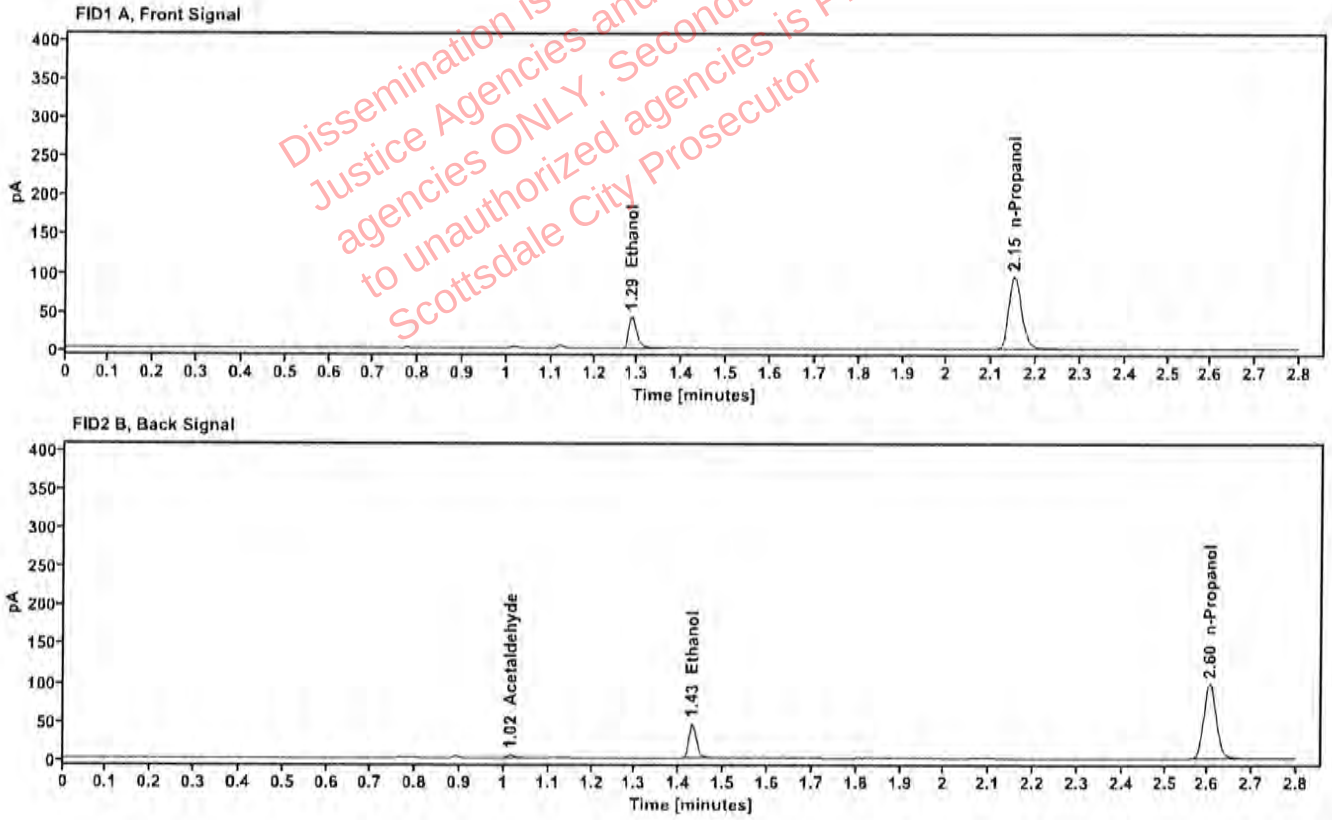

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0767	1.286	53.345
n-Propanol	——	2.151	194.502

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.883
Ethanol	1.429	54.848
n-Propanol	2.604	200.344

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525664-1	**Vial:**	16
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:45:25 PM
Data file:	C:\Chem32\1\Data\22Jan26\16.D	**Analyst:**	Canonico

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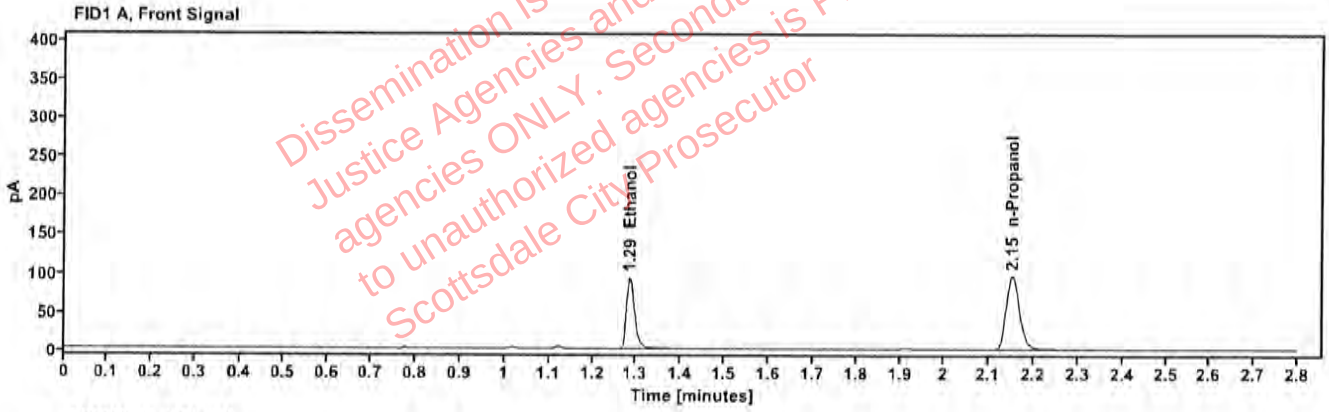

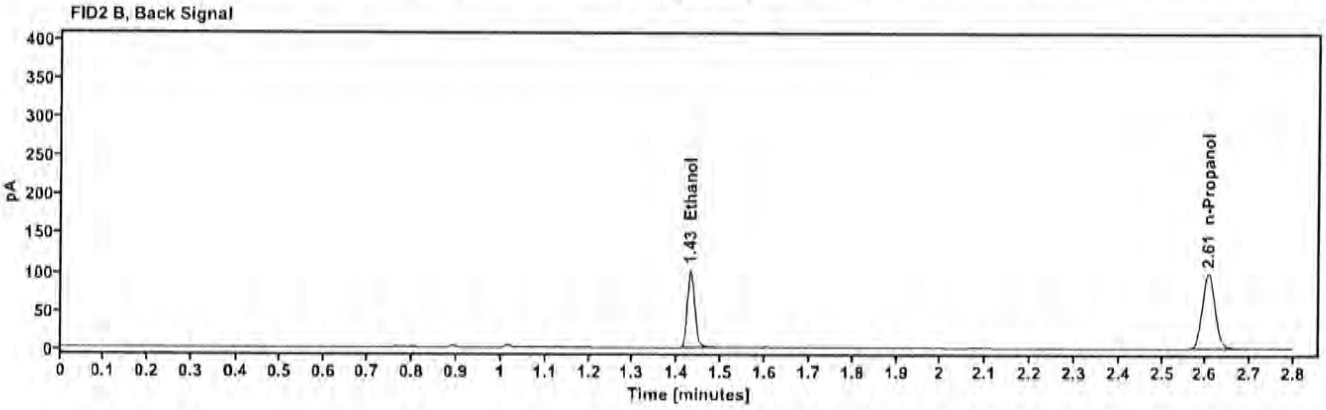

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1655	1.285	118.157
n-Propanol	——	2.151	197.332

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	121.494
n-Propanol	2.605	202.032

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525664-1	**Vial:**	17
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:49:13 PM
Data file:	C:\Chem32\1\Data\22Jan26\17.D	**Analyst:**	Canonico

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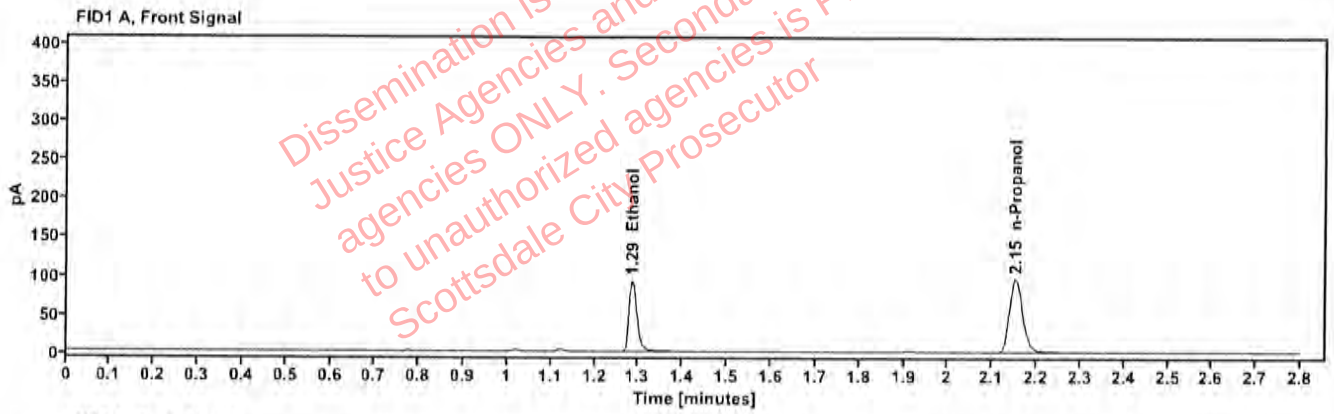

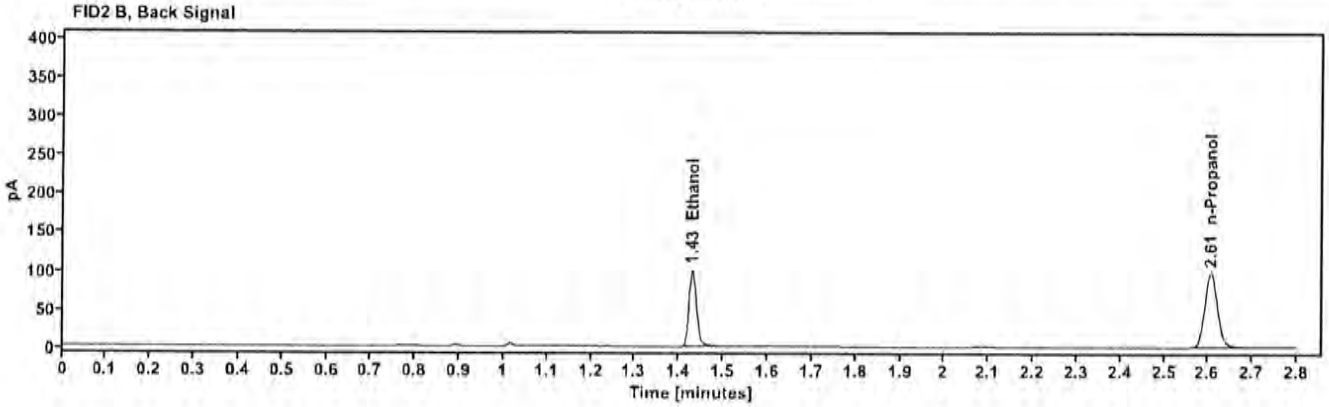

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1651	1.285	116.848
n-Propanol	——	2.152	195.563

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	120.413
n-Propanol	2.605	200.123

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525588-3	**Vial:**	18
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:53:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\18.D	**Analyst:**	Canonico

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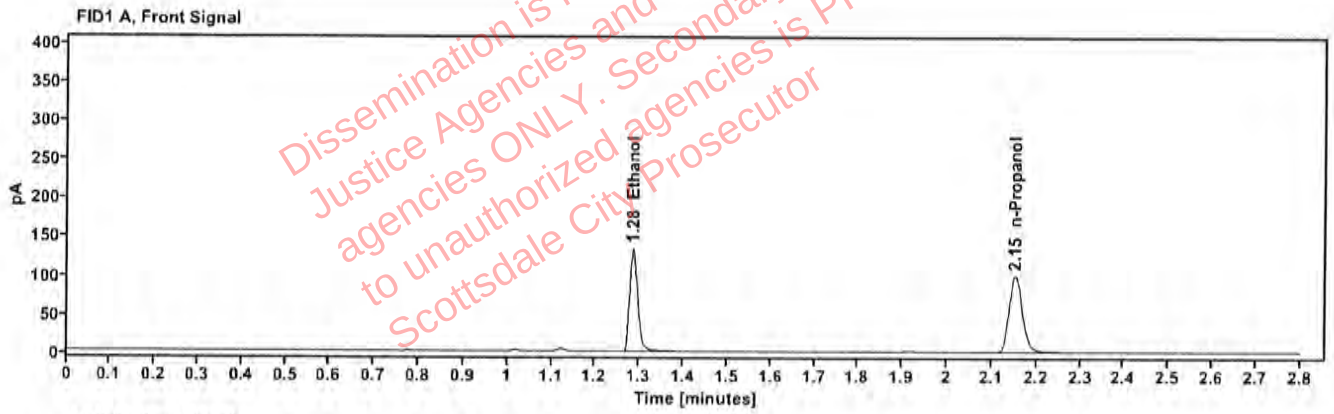

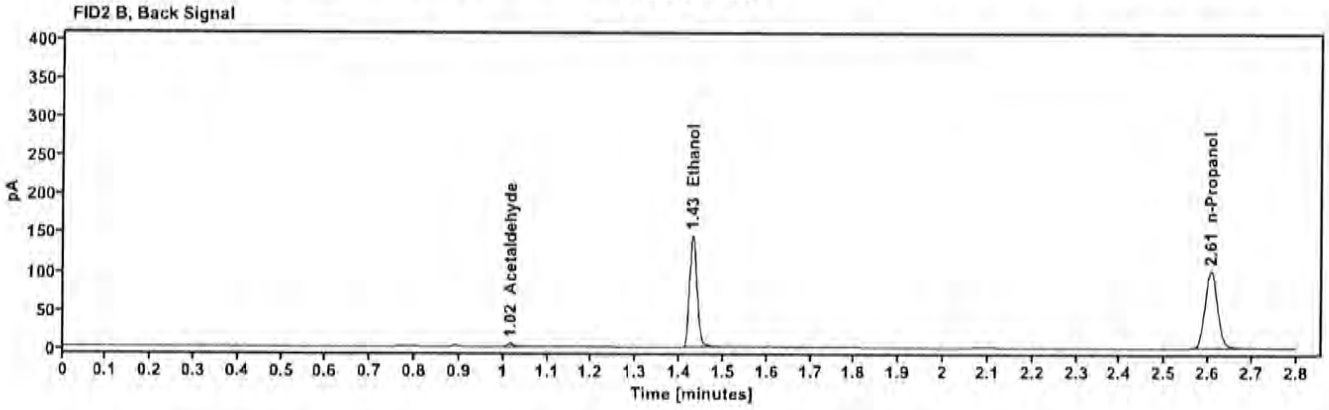

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2297	1.285	168.913
n-Propanol	----	2.152	202.717

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.821
Ethanol	1.429	174.610
n-Propanol	2.606	209.237

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525588-3	**Vial:**	19
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 2:58:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\19.D	**Analyst:**	Canonico

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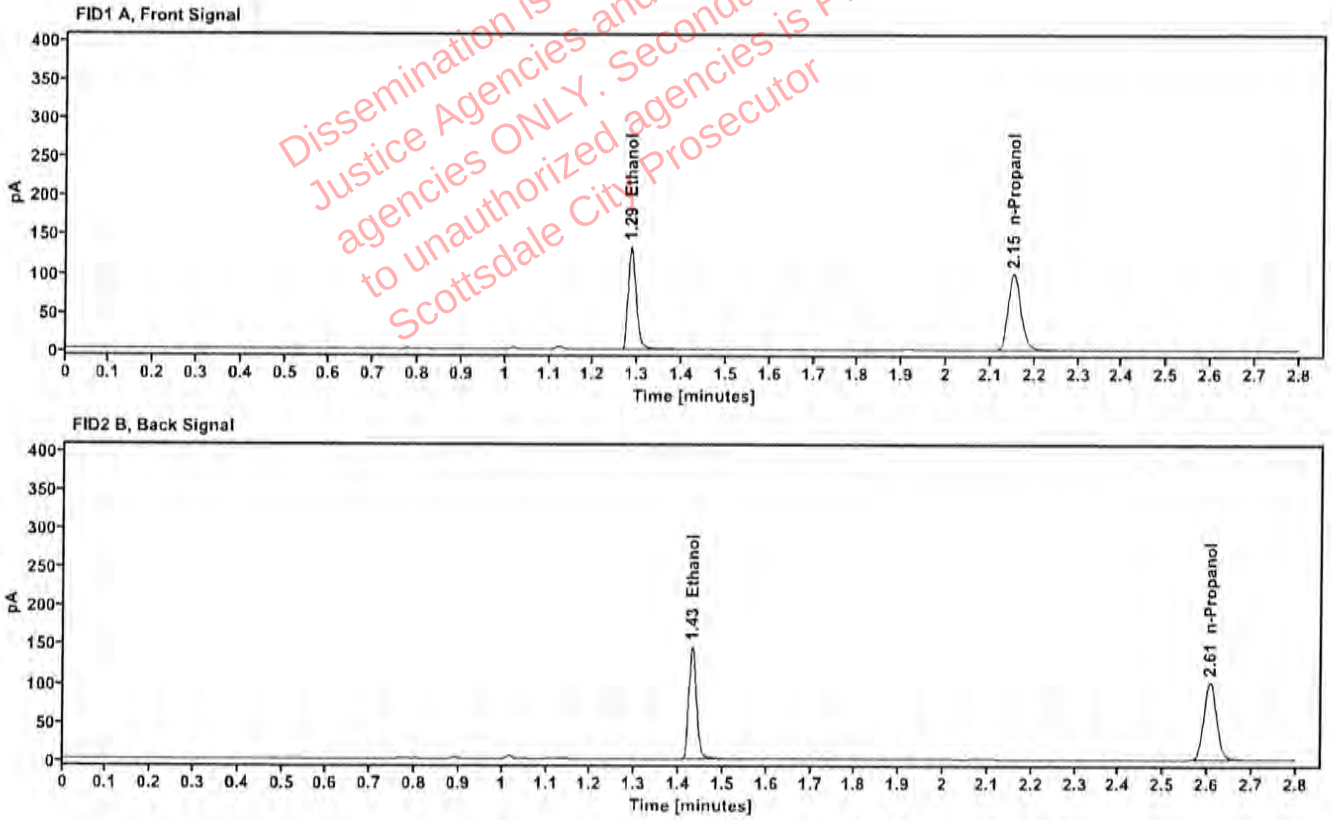

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2297	1.285	169.733
n-Propanol	——	2.152	203.642

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	175.640
n-Propanol	2.606	210.235

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525588-1	**Vial:**	21
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:05:38 PM
Data file:	C:\Chem32\1\Data\22Jan26\21.D	**Analyst:**	Canonico

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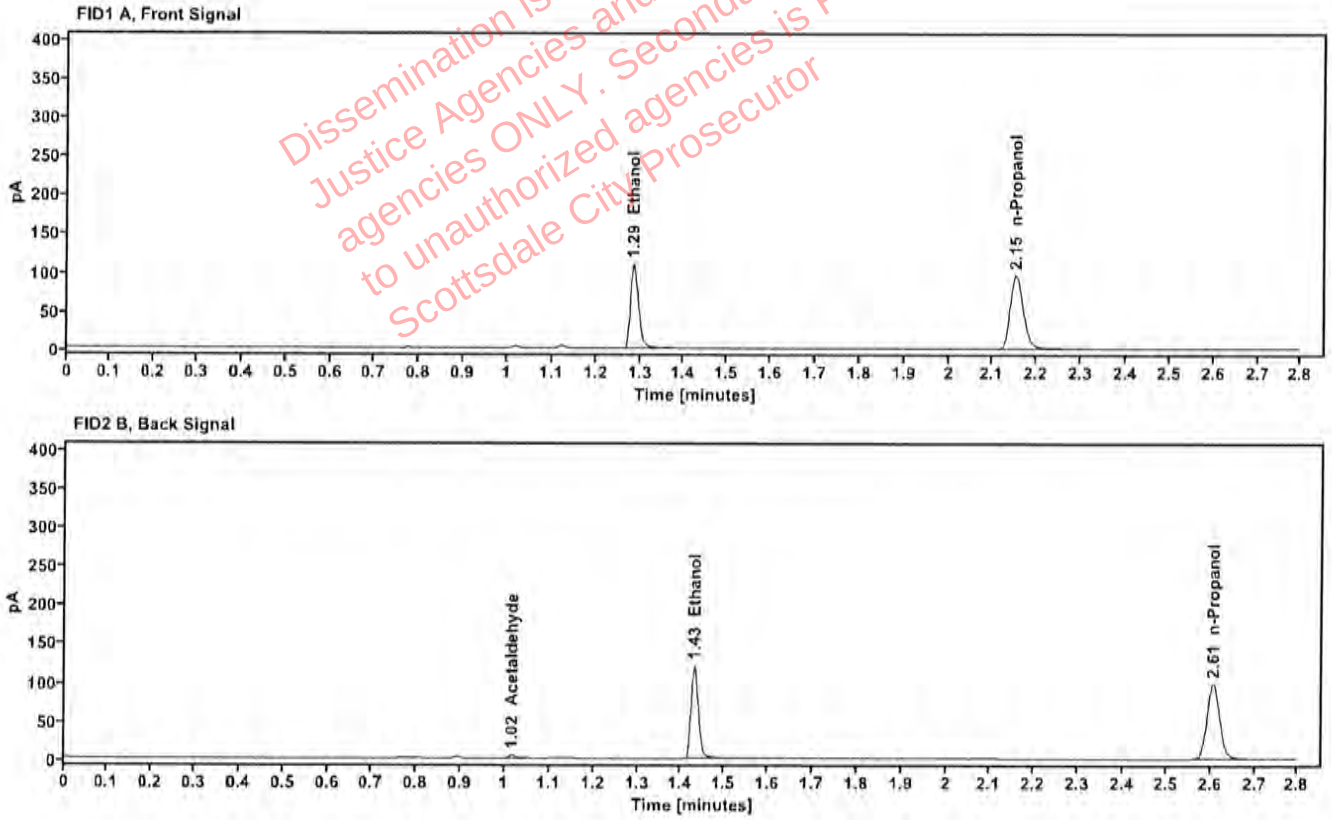

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1957	1.286	139.879
n-Propanol	——	2.152	197.224

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.788
Ethanol	1.430	143.949
n-Propanol	2.606	202.536

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525588-1	**Vial:**	22
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:09:25 PM
Data file:	C:\Chem32\1\Data\22Jan26\22.D	**Analyst:**	Canonico

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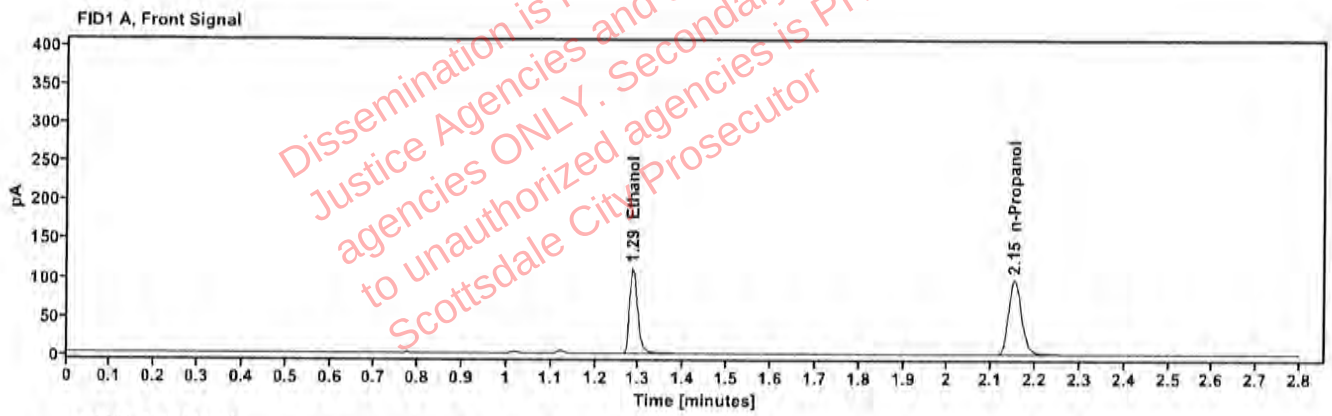

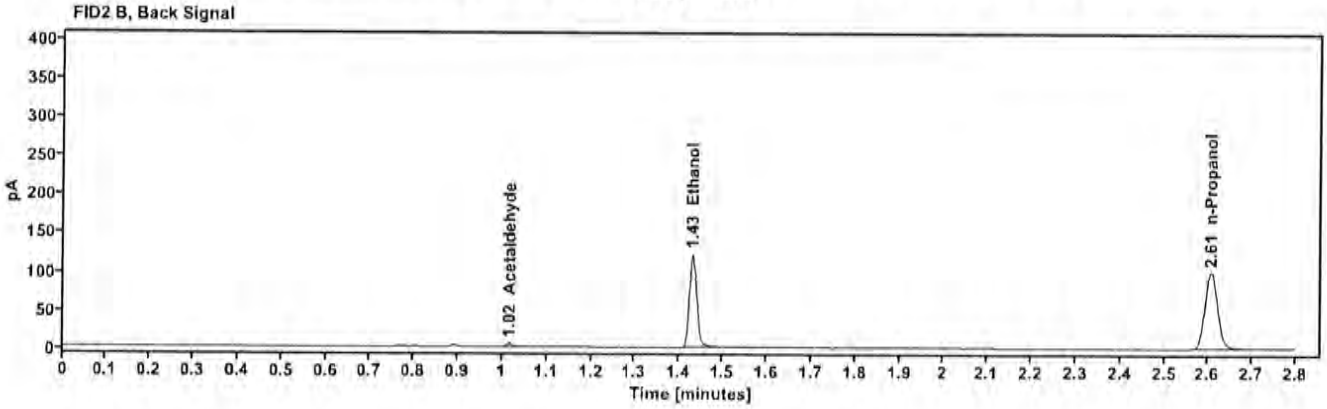

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1954	1.285	141.264
n-Propanol	----	2.152	199.504

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.823
Ethanol	1.430	146.136
n-Propanol	2.606	204.768

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01C.G.	**Vial:**	23
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:13:14 PM
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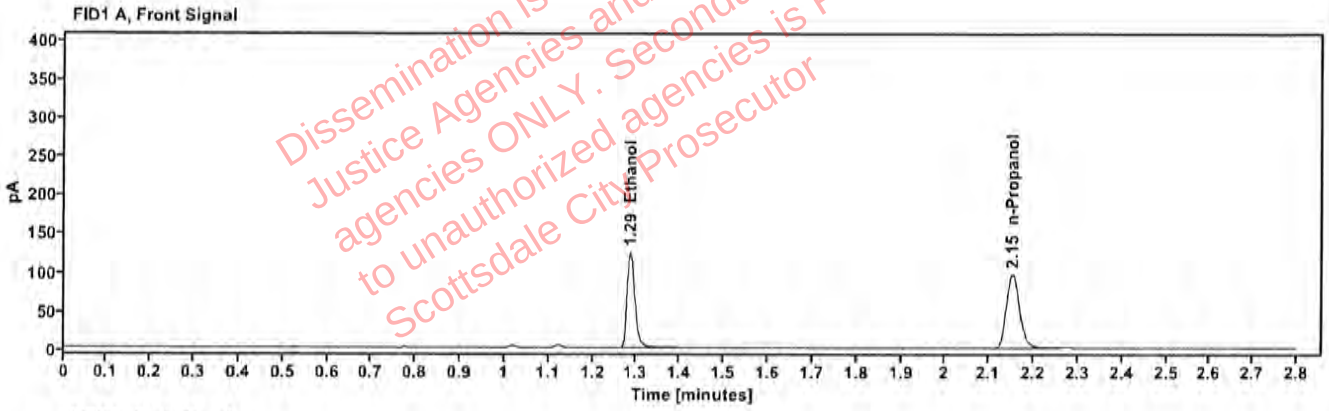

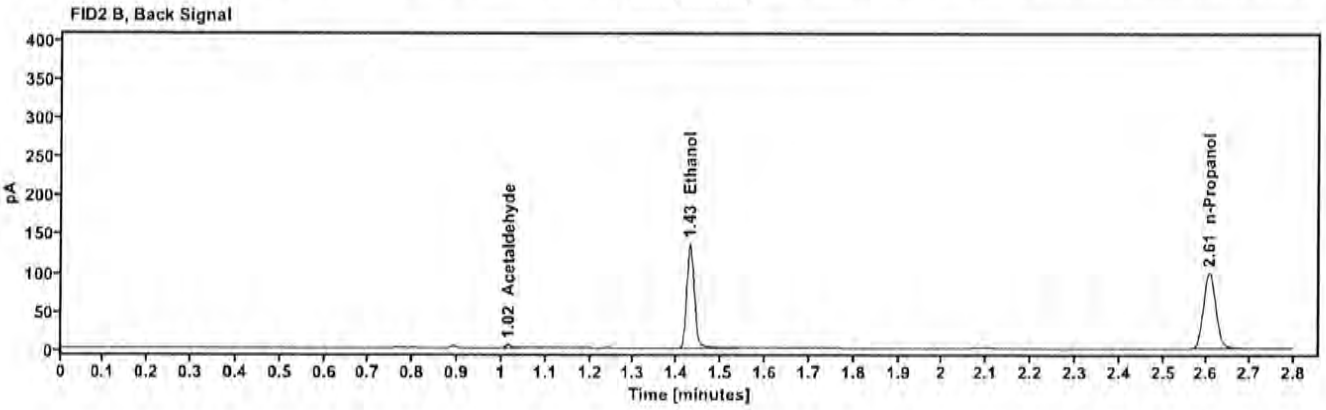

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2204	1.285	158.244
n-Propanol	——	2.152	197.942

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.832
Ethanol	1.429	164.975
n-Propanol	2.606	203.554

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01C.G.	**Vial:**	24
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:17:02 PM
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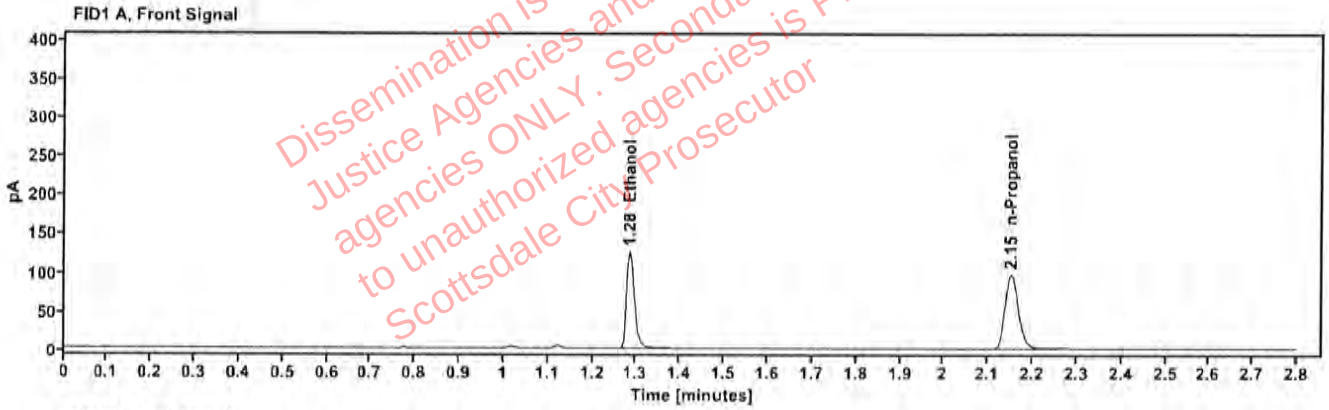

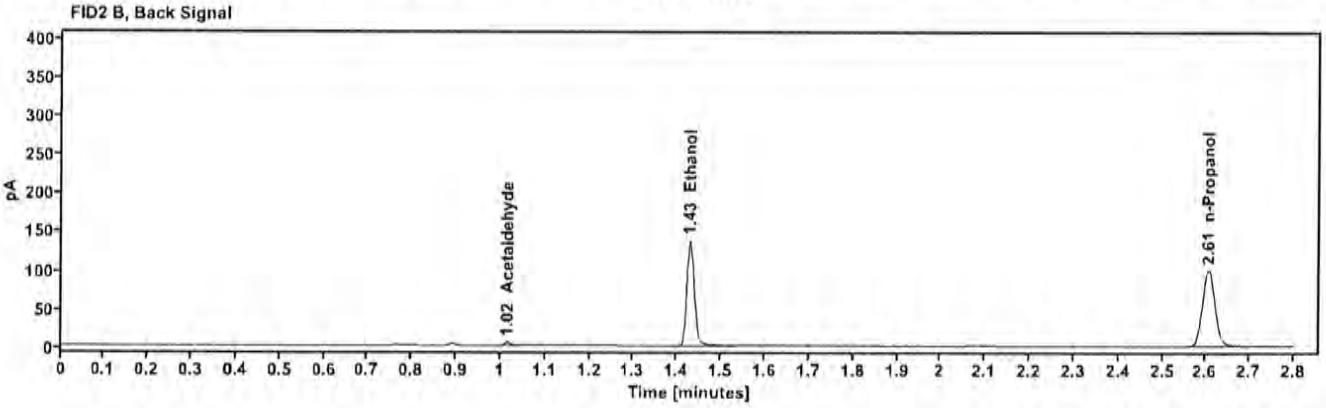

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2222	1.285	159.171
n-Propanol	----	2.152	197.538

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.783
Ethanol	1.429	165.807
n-Propanol	2.605	203.071

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01J.C.	**Vial:**	25
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:22:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\25.D	**Analyst:**	Canonico

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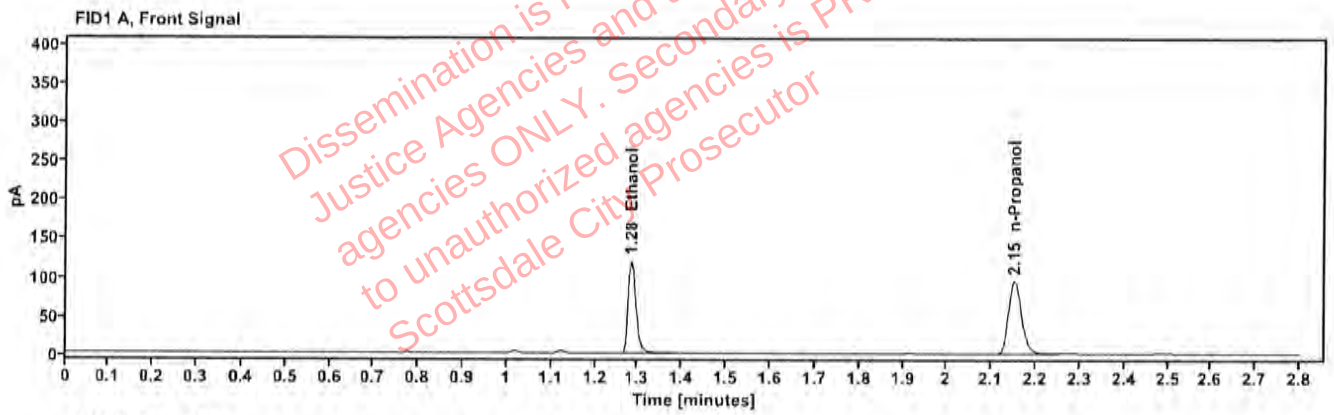

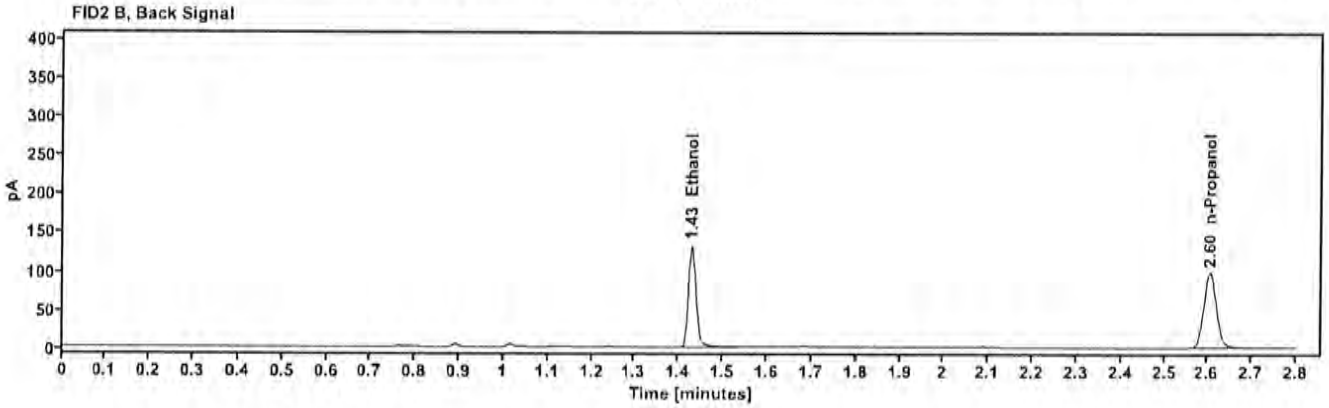

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2172	1.285	152.821
n-Propanol	----	2.151	193.988

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	159.559
n-Propanol	2.605	201.572

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	430-01J.C.	**Vial:**	26
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:25:49 PM
Data file:	C:\Chem32\1\Data\22Jan26\26.D	**Analyst:**	Canonico

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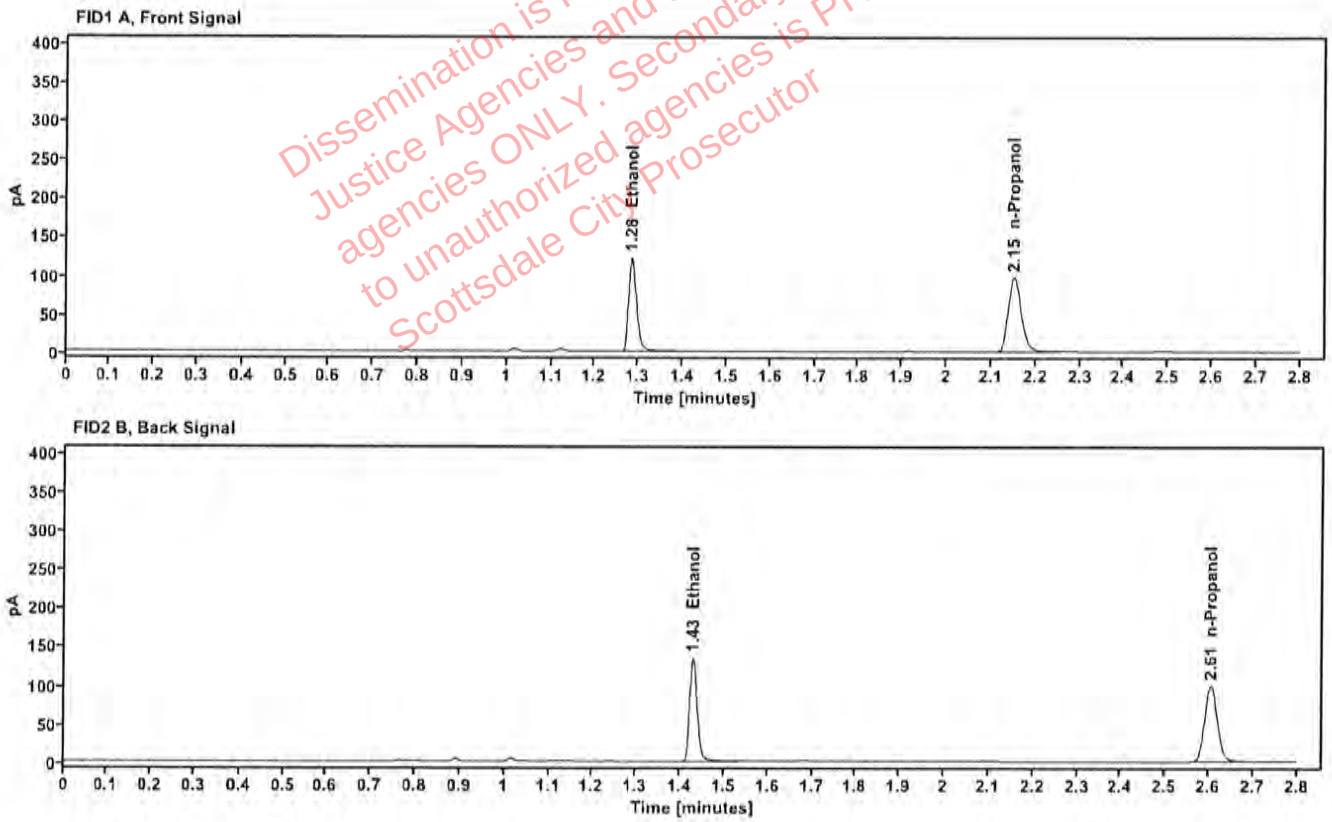

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2174	1.285	155.716
n-Propanol	----	2.151	197.489

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	162.404
n-Propanol	2.605	205.226

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01D.R.	**Vial:**	27
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:29:38 PM
Data file:	C:\Chem32\1\Data\22Jan26\27.D	**Analyst:**	Canonico

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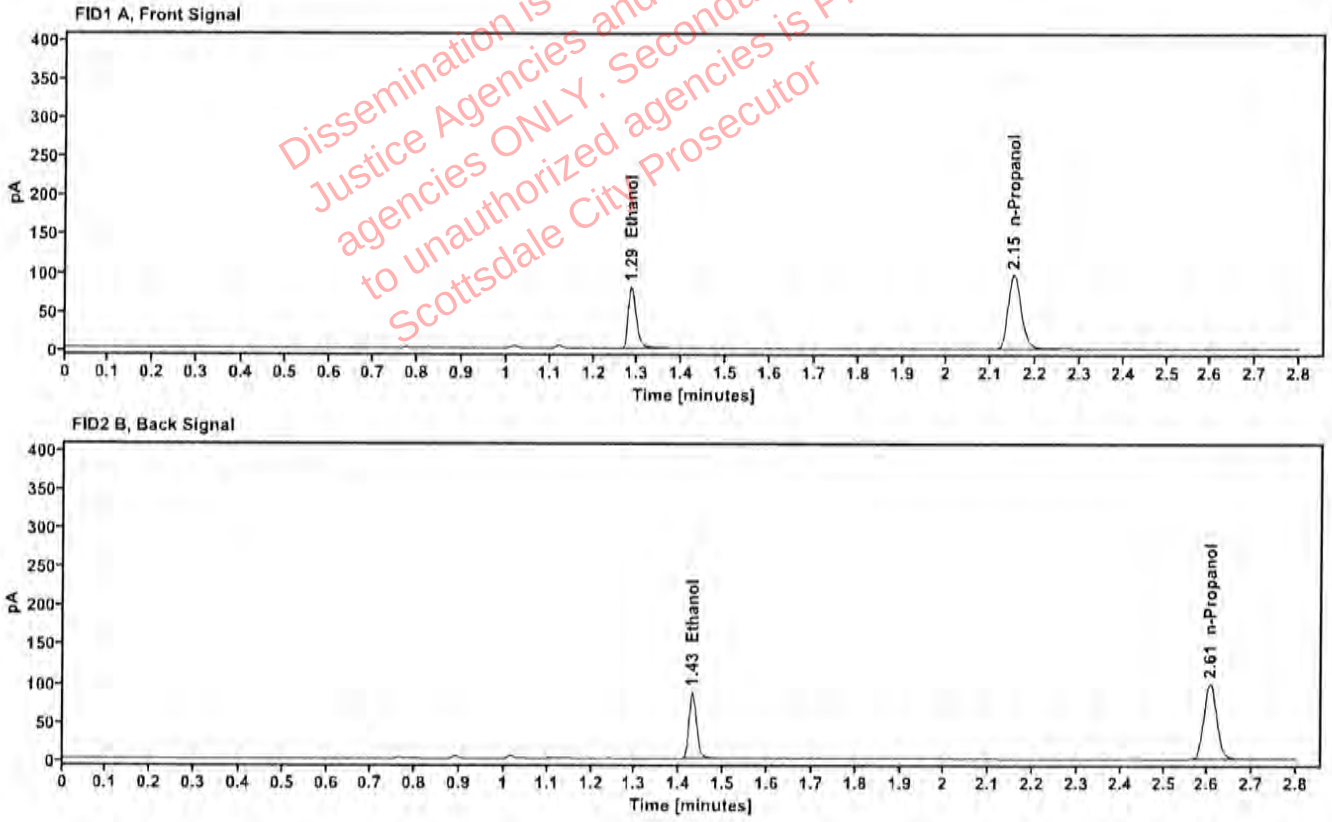

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1431	1.285	102.019
n-Propanol	——	2.151	197.390

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	104.941
n-Propanol	2.605	204.384

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01D.R.	**Vial:**	28
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:33:26 PM
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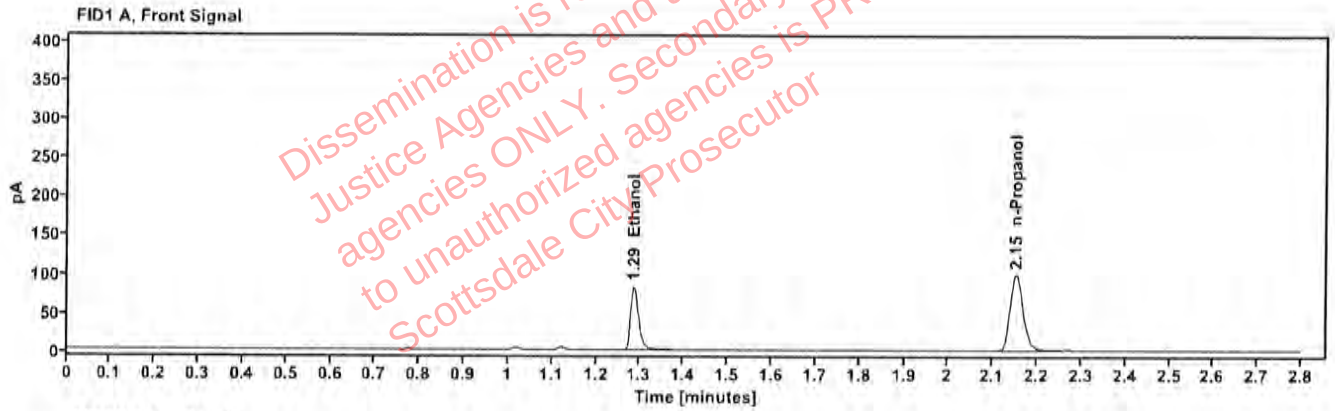

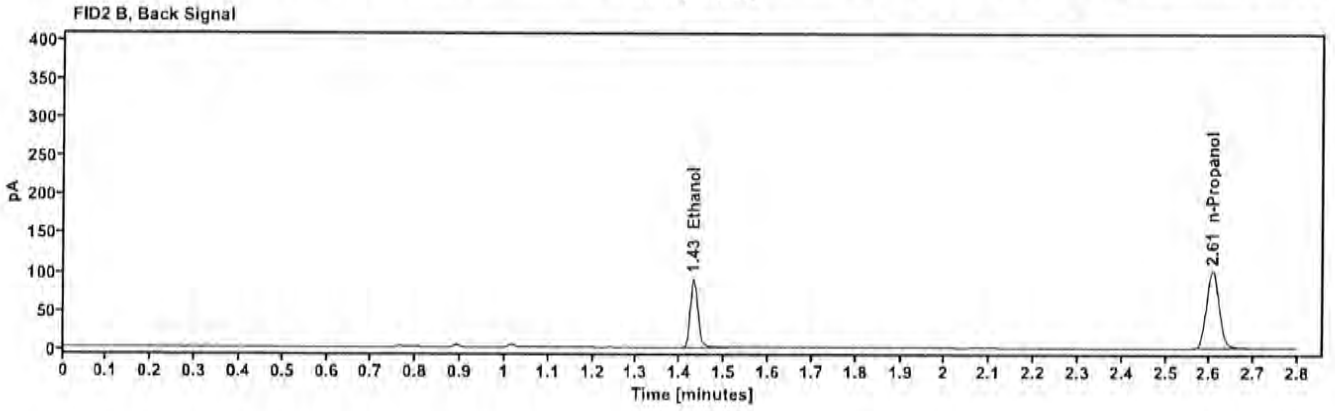

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1442	1.286	105.160
n-Propanol	——	2.152	201.785

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	108.415
n-Propanol	2.606	209.103

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01C.R.	**Vial:**	29
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:37:14 PM
Data file:	C:\Chem32\1\Data\22Jan26\29.D	**Analyst:**	Canonico

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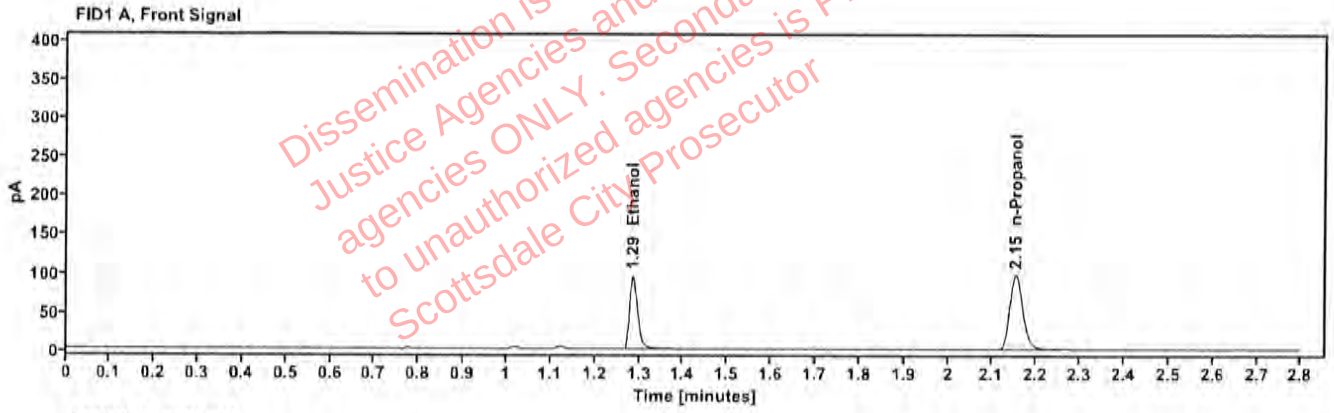

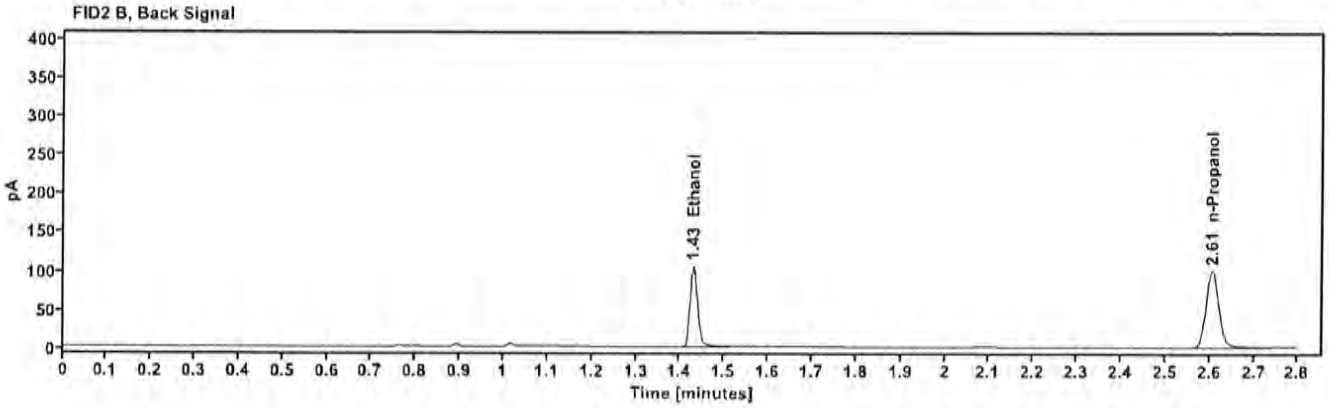

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1688	1.286	121.588
n-Propanol	——	2.152	199.044

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	125.419
n-Propanol	2.606	205.956

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01C.R.	**Vial:**	30
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:41:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\30.D	**Analyst:**	Canonico

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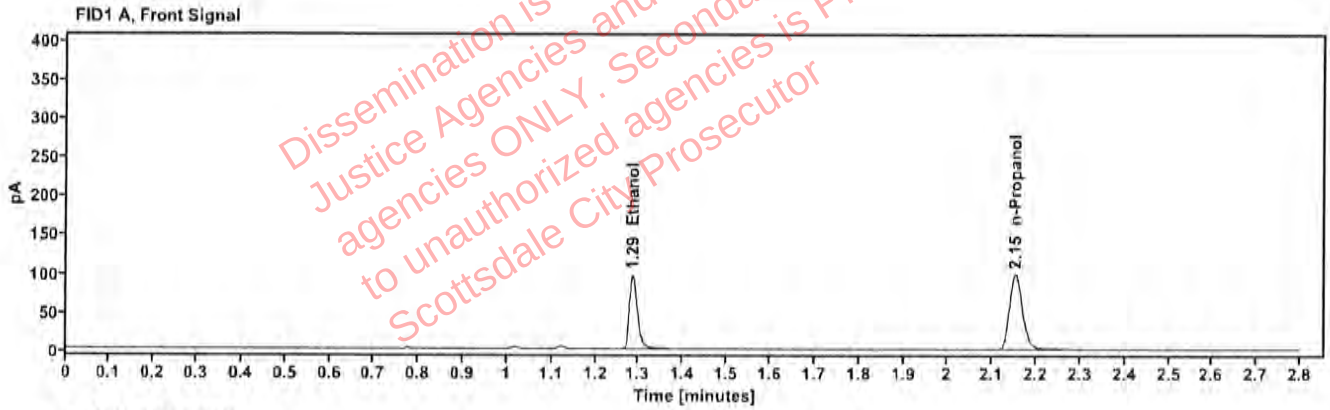

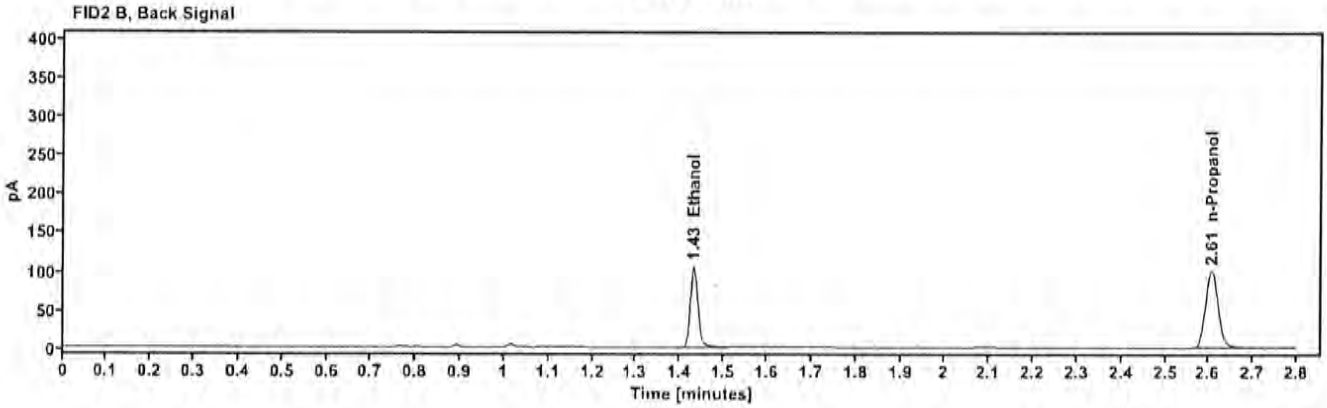

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1688	1.286	122.594
n-Propanol	----	2.152	200.744

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	126.395
n-Propanol	2.606	206.786

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525733-1	**Vial:**	32
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:49:49 PM
Data file:	C:\Chem32\1\Data\22Jan26\32.D	**Analyst:**	Canonico

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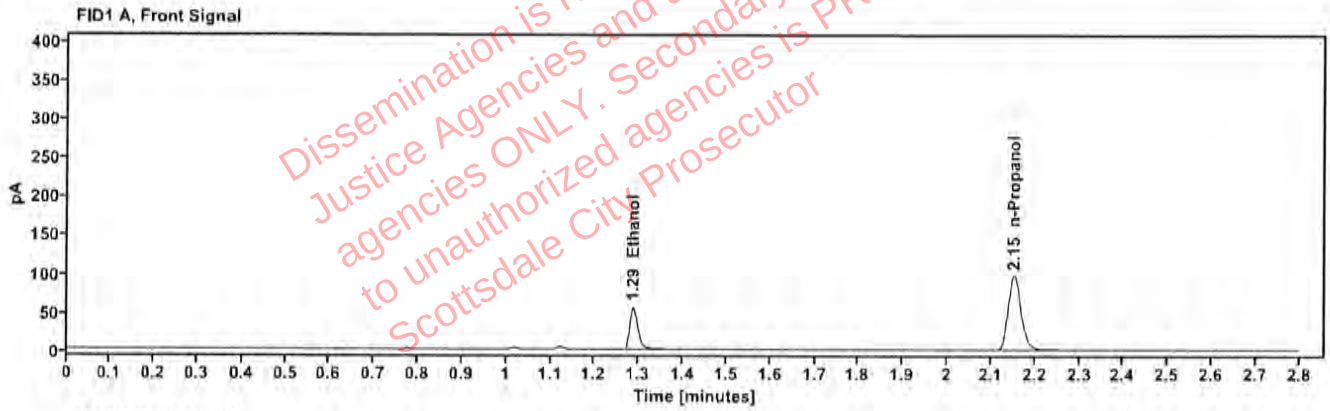

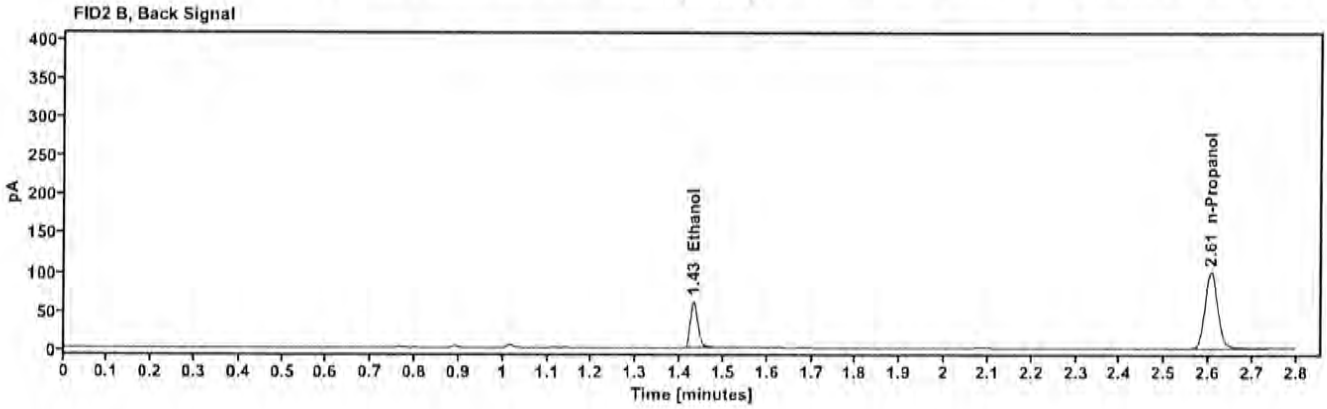

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0995	1.287	71.226
n-Propanol	——	2.152	199.140

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	73.003
n-Propanol	2.606	205.089

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525733-1	**Vial:**	33
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:53:38 PM
Data file:	C:\Chem32\1\Data\22Jan26\33.D	**Analyst:**	Canonico

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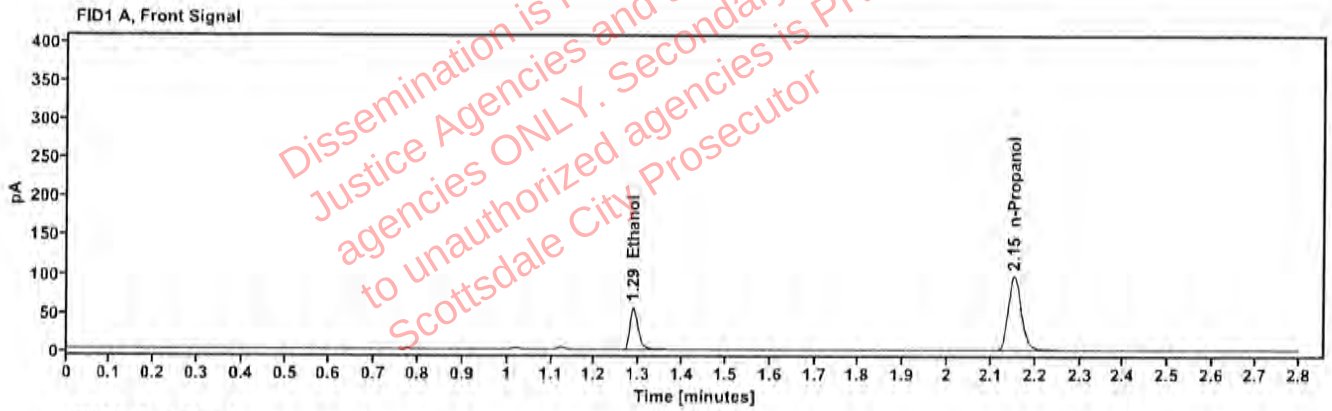

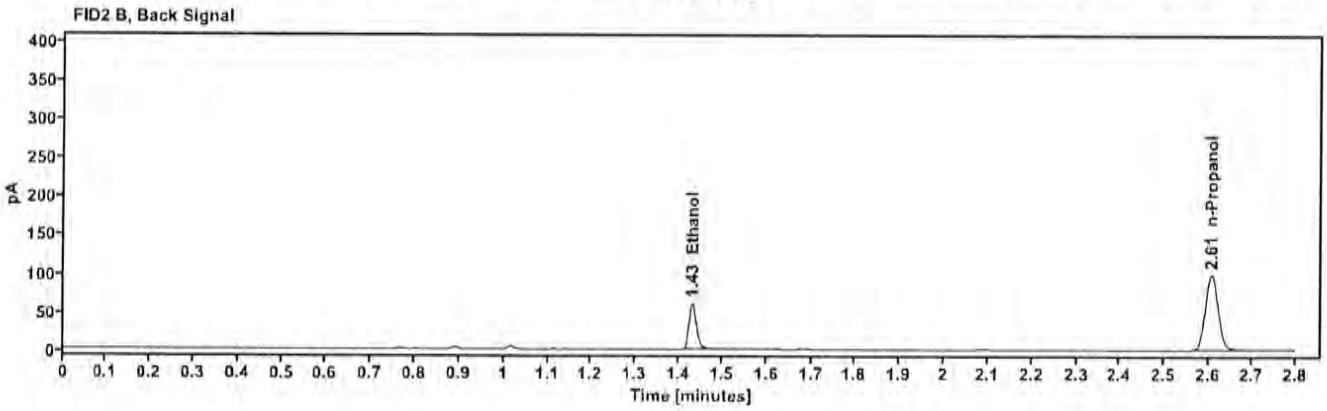

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0992	1.287	70.703
n-Propanol	——	2.152	198.329

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	72.463
n-Propanol	2.606	203.811

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525721-2	**Vial:**	34
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 3:57:25 PM
Data file:	C:\Chem32\1\Data\22Jan26\34.D	**Analyst:**	Canonico

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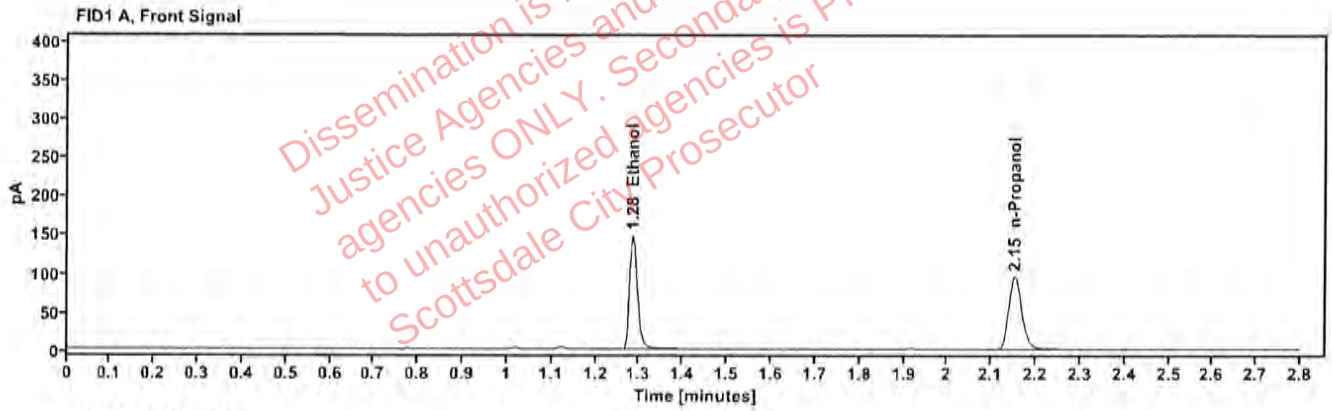

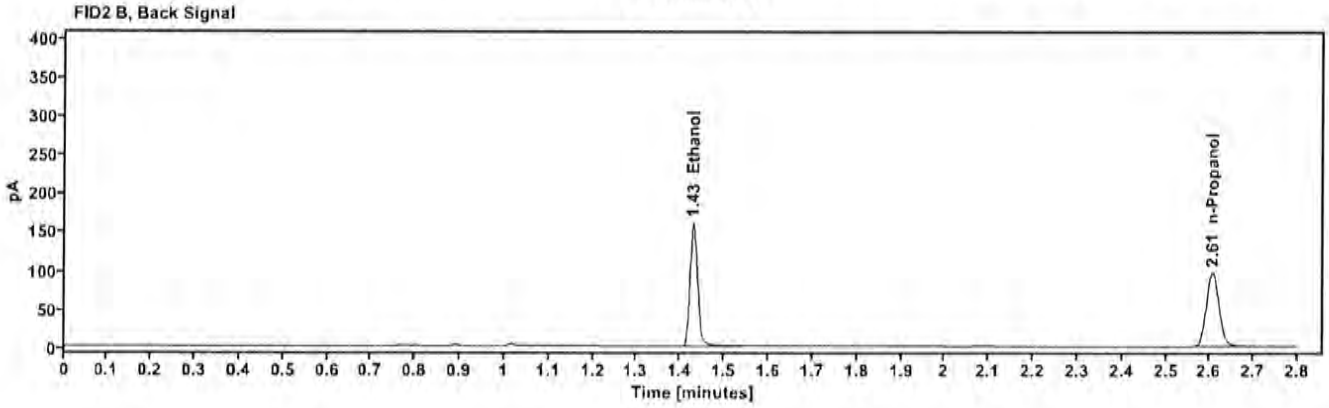

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2648	1.285	186.719
n-Propanol	-----	2.152	194.192

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	193.174
n-Propanol	2.606	200.266

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525721-2	**Vial:**	35
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:01:13 PM
Data file:	C:\Chem32\1\Data\22Jan26\35.D	**Analyst:**	Canonico

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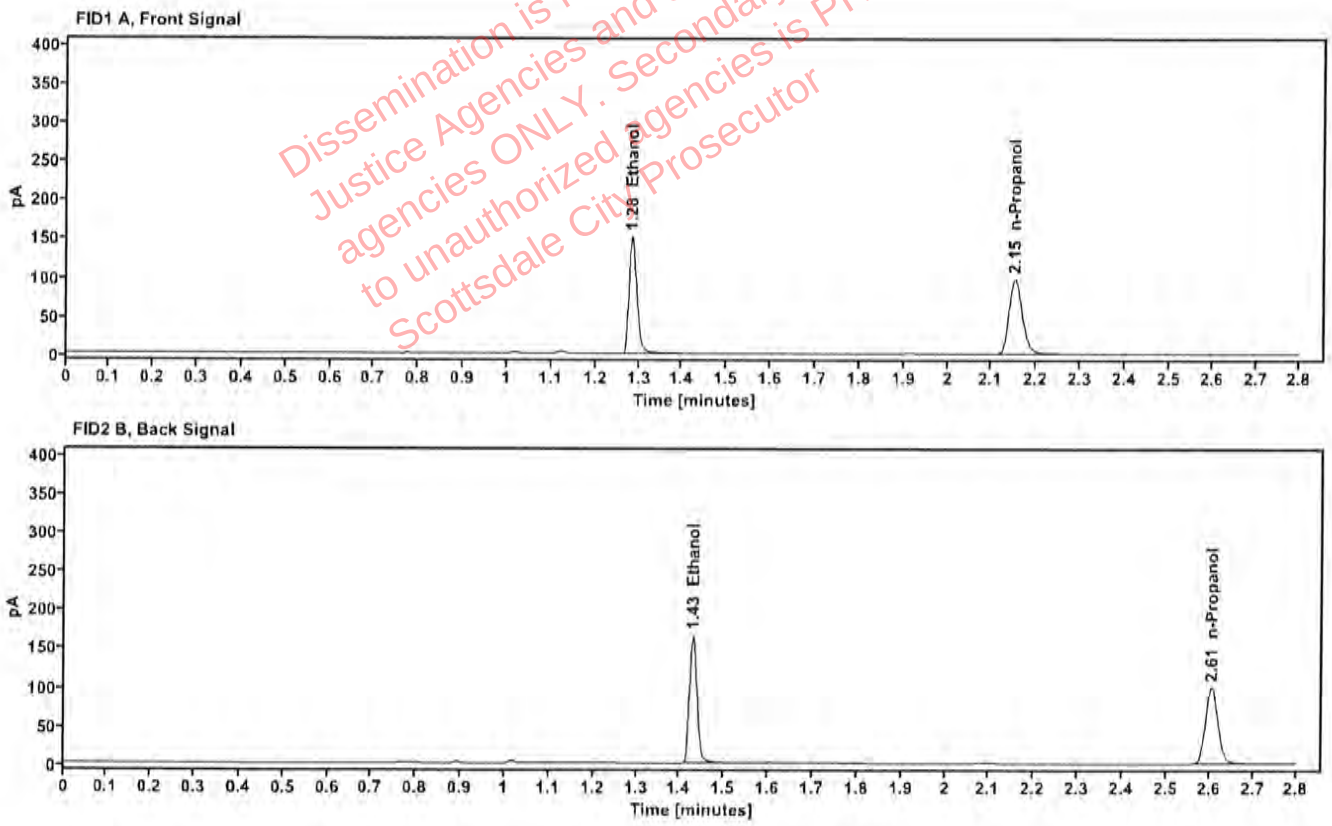

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2655	1.285	192.403
n-Propanol	——	2.151	199.587

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	198.853
n-Propanol	2.605	205.736

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525784-1	**Vial:**	36
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:05:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\36.D	**Analyst:**	Canonico

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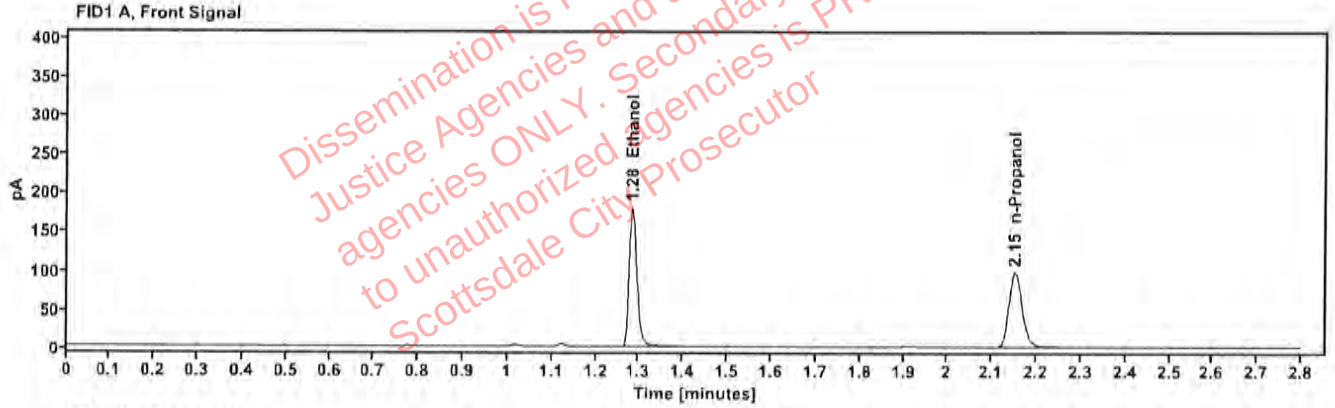

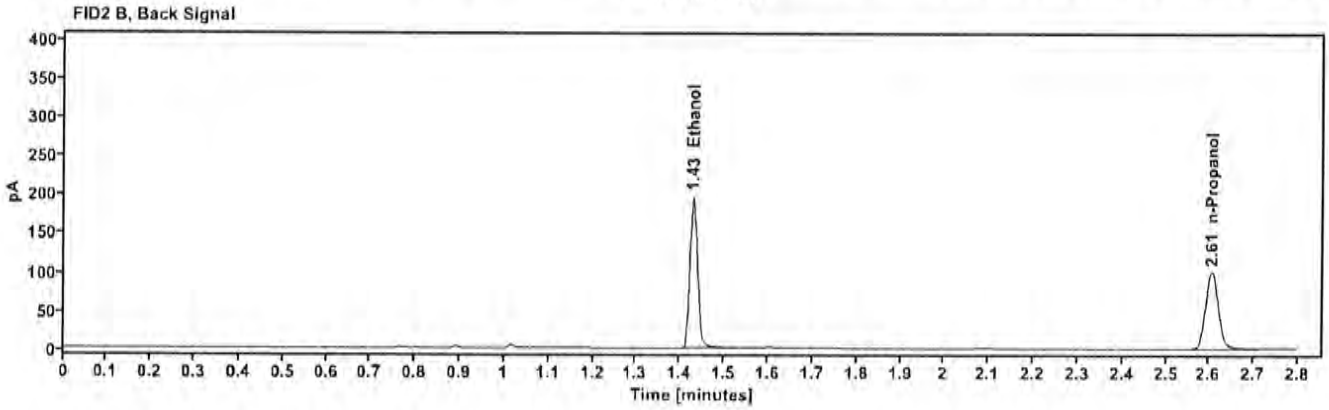

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3129	1.284	227.485
n-Propanol	——	2.151	200.010

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	235.142
n-Propanol	2.605	204.370

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525784-1	**Vial:**	37
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:10:02 PM
Data file:	C:\Chem32\1\Data\22Jan26\37.D	**Analyst:**	Canonico

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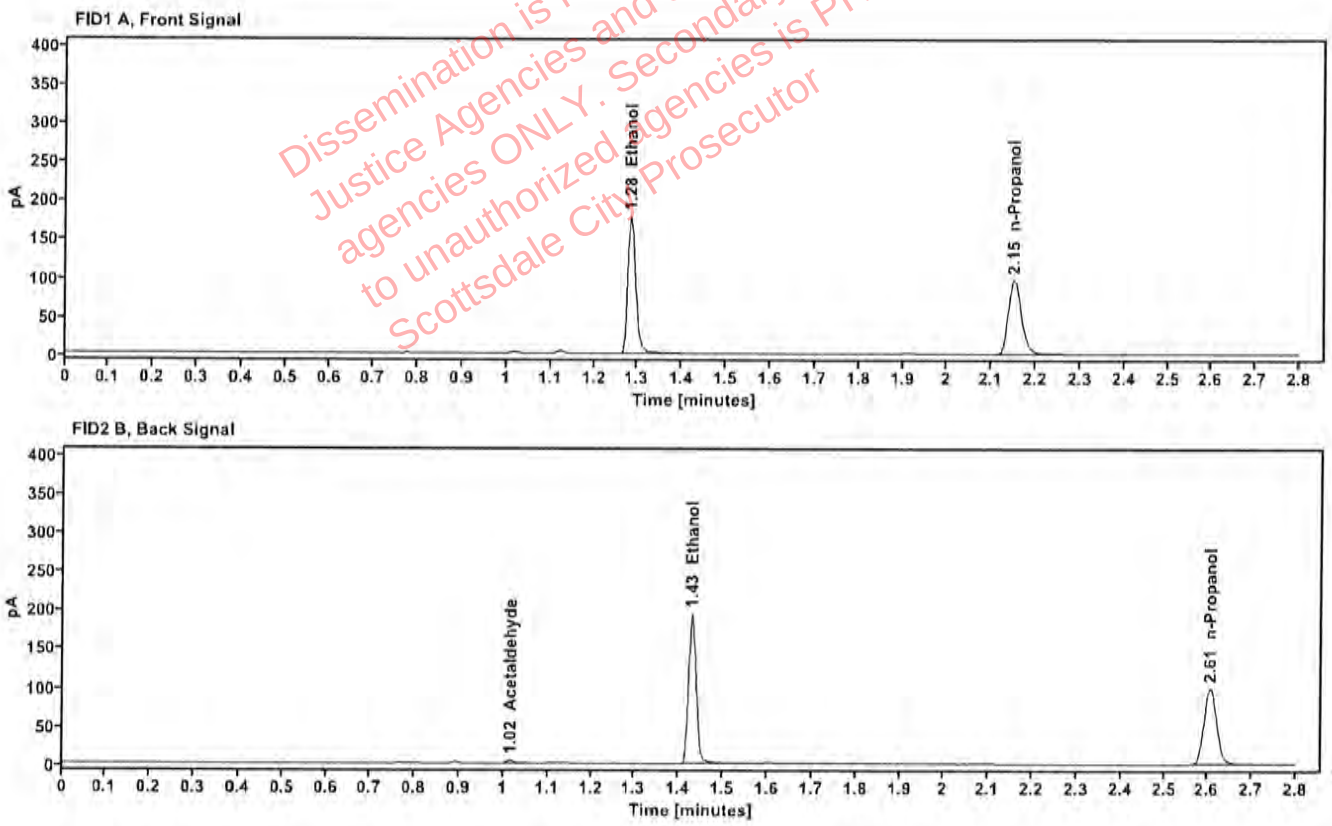

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3113	1.284	225.865
n-Propanol	----	2.151	199.652

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.770
Ethanol	1.429	233.334
n-Propanol	2.605	204.004

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525831-1	**Vial:**	38
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:13:50 PM
Data file:	C:\Chem32\1\Data\22Jan26\38.D	**Analyst:**	Canonico

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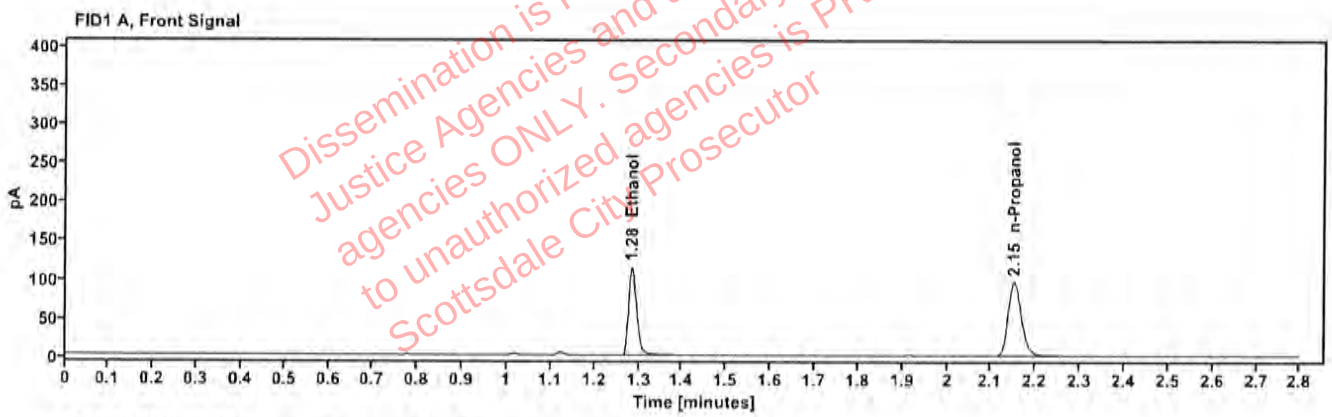

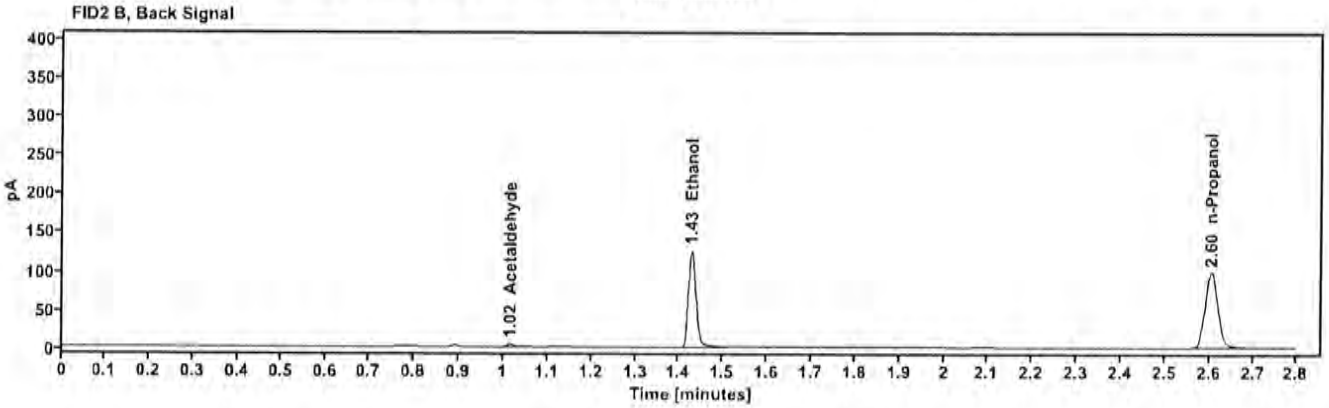

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2036	1.284	146.133
n-Propanol	----	2.151	197.976

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.806
Ethanol	1.428	150.900
n-Propanol	2.604	202.424

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525831-1	**Vial:**	39
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:17:38 PM
Data file:	C:\Chem32\1\Data\22Jan26\39.D	**Analyst:**	Canonico

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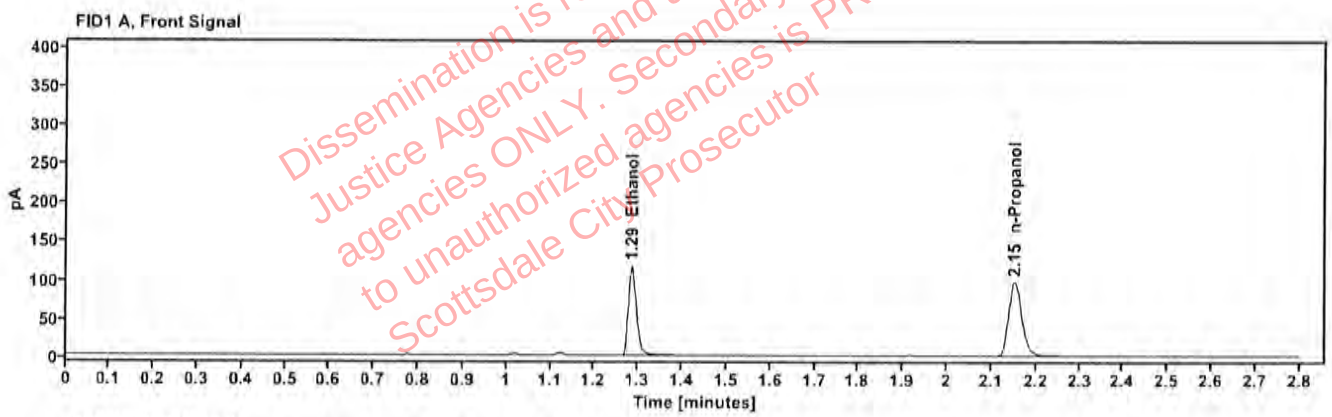

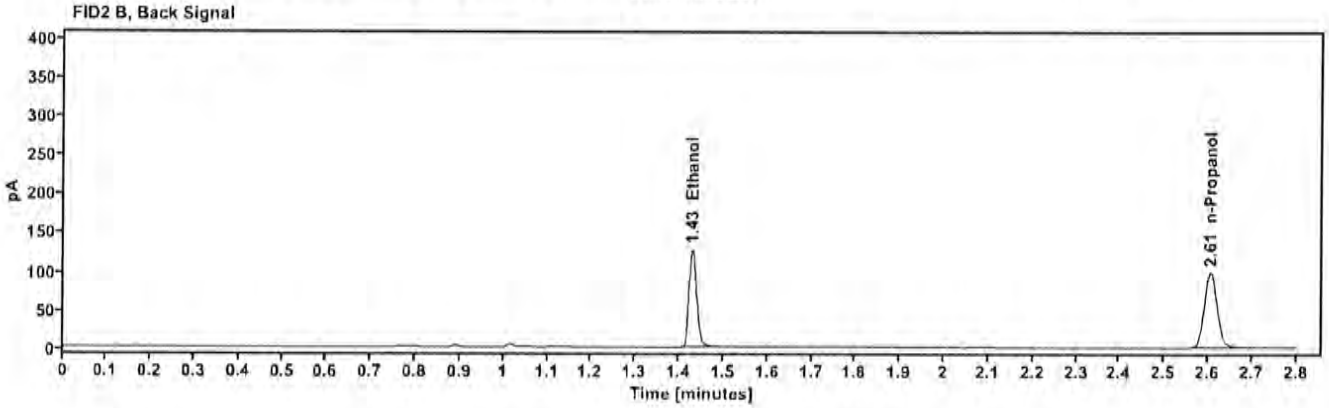

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2057	1.285	148.187
n-Propanol	----	2.152	198.764

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	153.178
n-Propanol	2.606	203.100

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525855-2	**Vial:**	40
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:21:26 PM
Data file:	C:\Chem32\1\Data\22Jan26\40.D	**Analyst:**	Canonico

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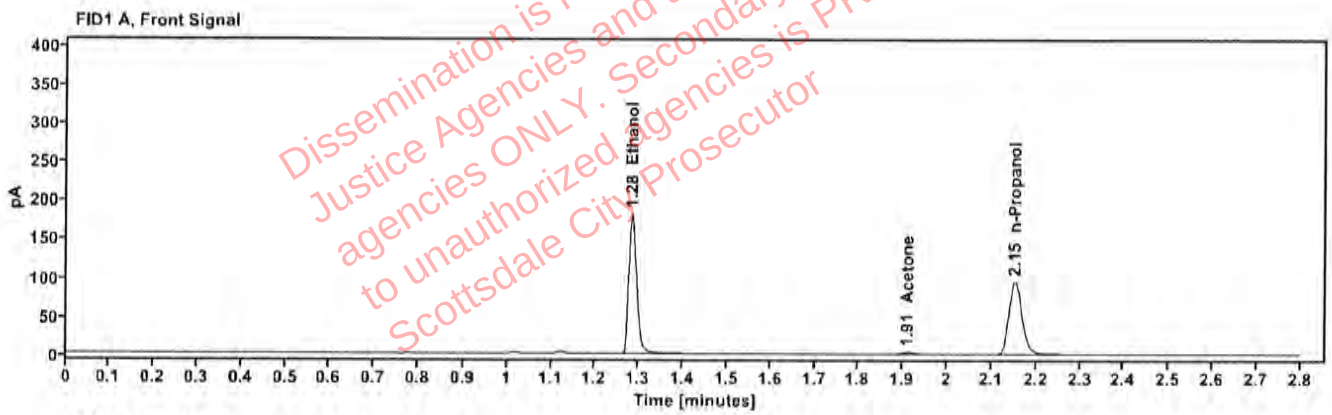

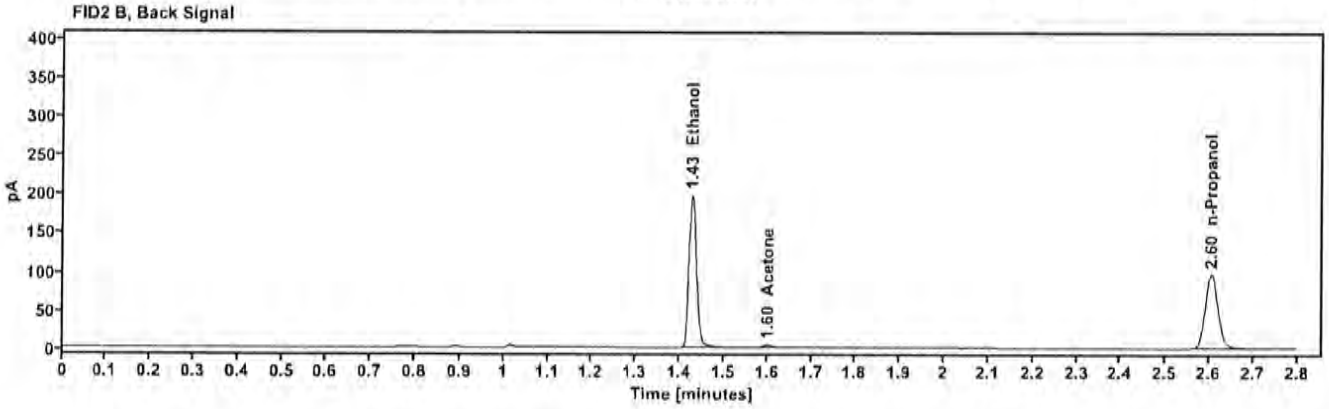

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3241	1.284	229.560
Acetone	----	1.910	4.468
n-Propanol	----	2.151	194.818

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.428	237.594
Acetone	1.601	4.528
n-Propanol	2.605	198.810

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525855-2	**Vial:**	41
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:25:13 PM
Data file:	C:\Chem32\1\Data\22Jan26\41.D	**Analyst:**	Canonico

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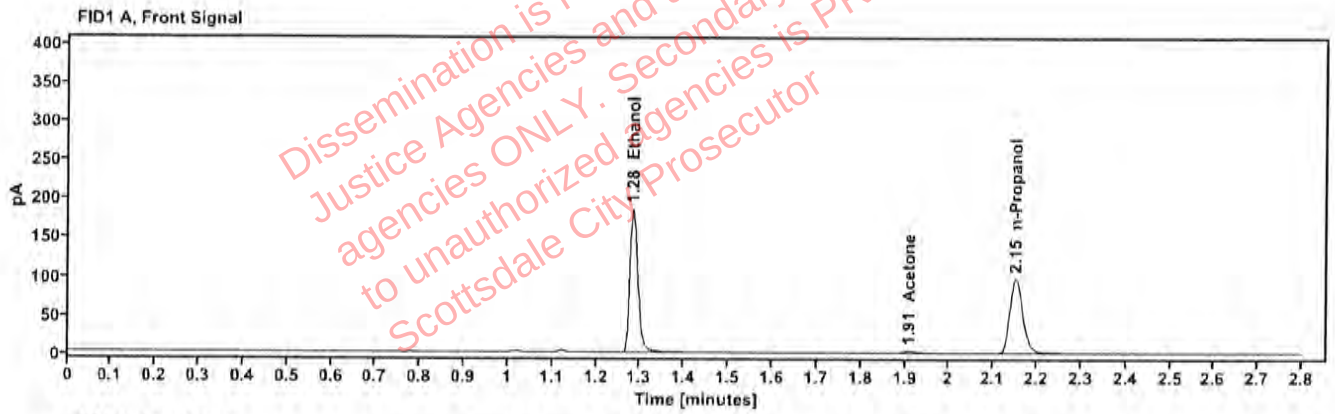

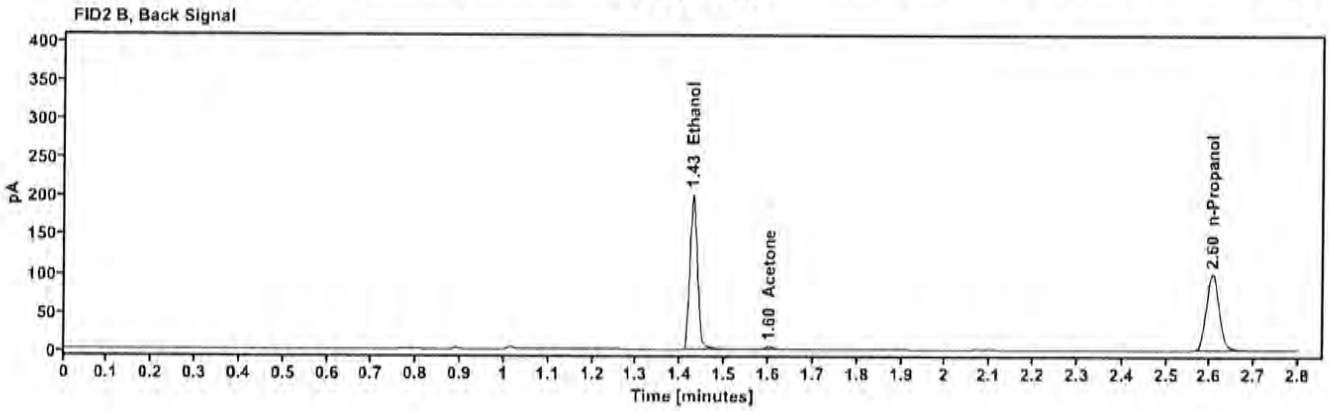

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3236	1.284	235.166
Acetone	----	1.910	4.620
n-Propanol	----	2.151	199.938

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.428	243.314
Acetone	1.601	4.657
n-Propanol	2.605	204.090

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525917-2	**Vial:**	43
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:34:02 PM
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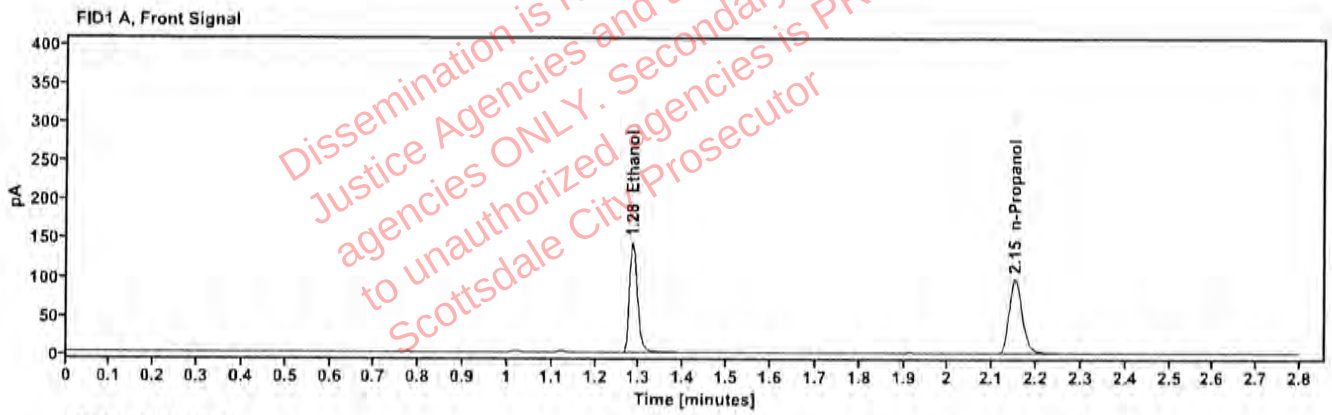

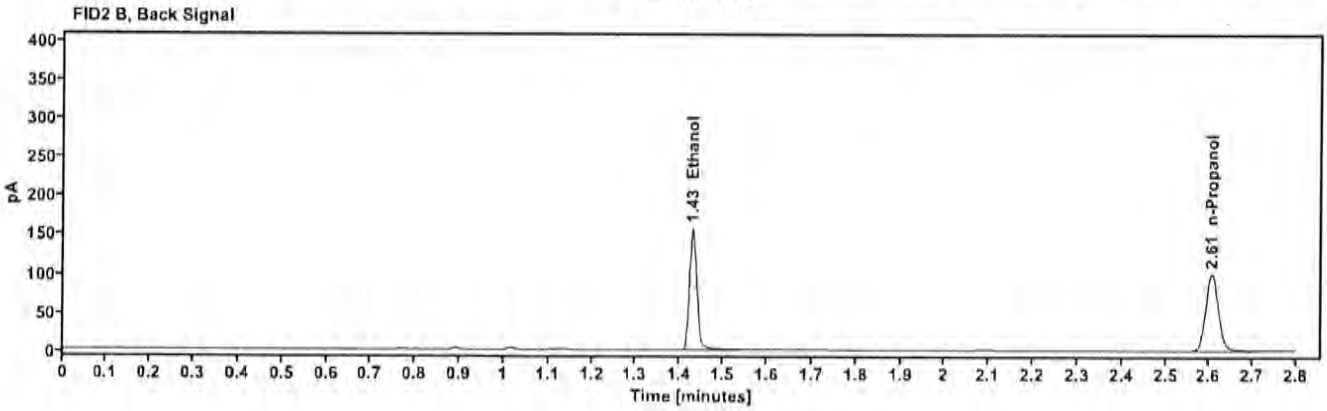

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2522	1.285	182.446
n-Propanol	----	2.152	199.285

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	188.664
n-Propanol	2.605	203.754

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525917-2	**Vial:**	44
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:37:50 PM
Data file:	C:\Chem32\1\Data\22Jan26\44.D	**Analyst:**	Canonico

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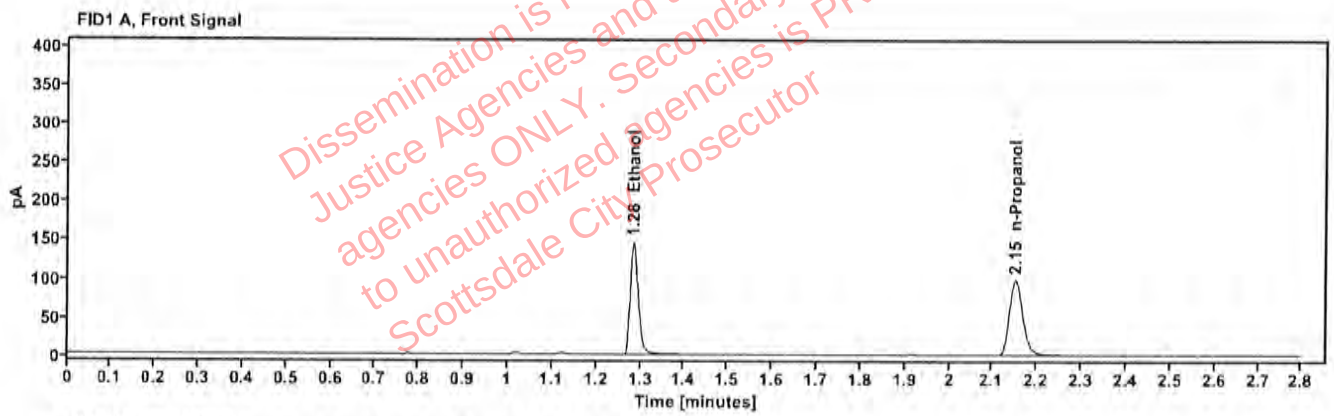

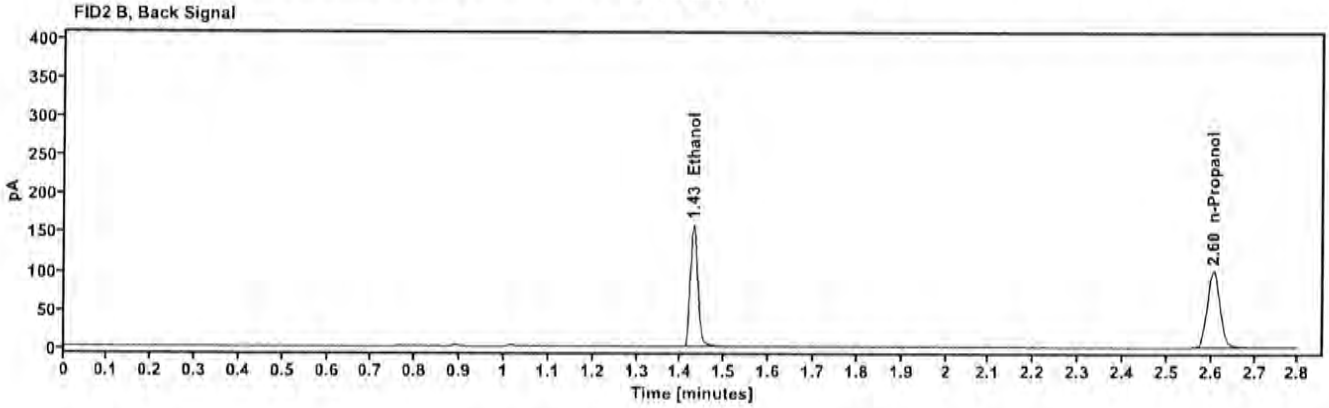

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2531	1.284	185.097
n-Propanol	----	2.151	201.433

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.428	191.162
n-Propanol	2.605	206.809

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525929-2	**Vial:**	45
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:41:36 PM
Data file:	C:\Chem32\1\Data\22Jan26\45.D	**Analyst:**	Canonico

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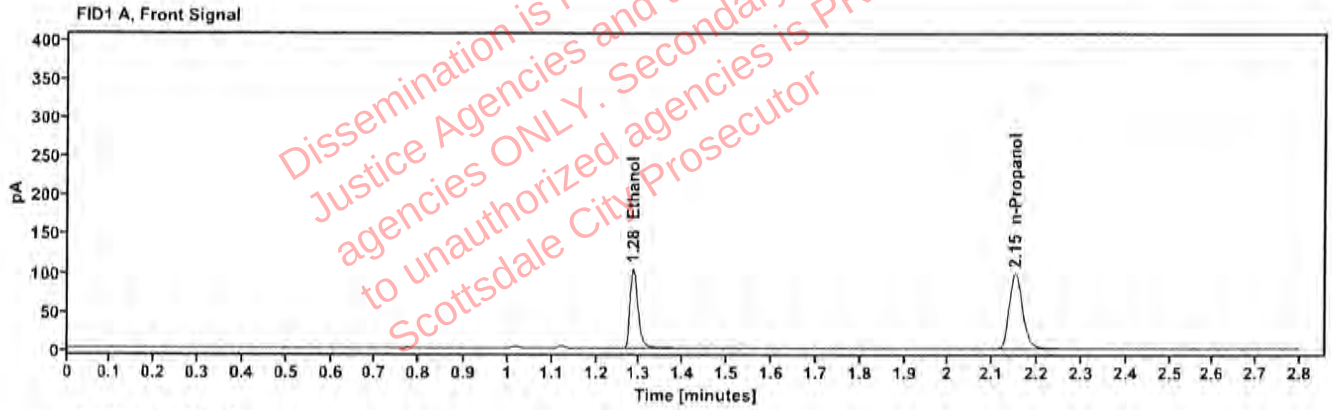

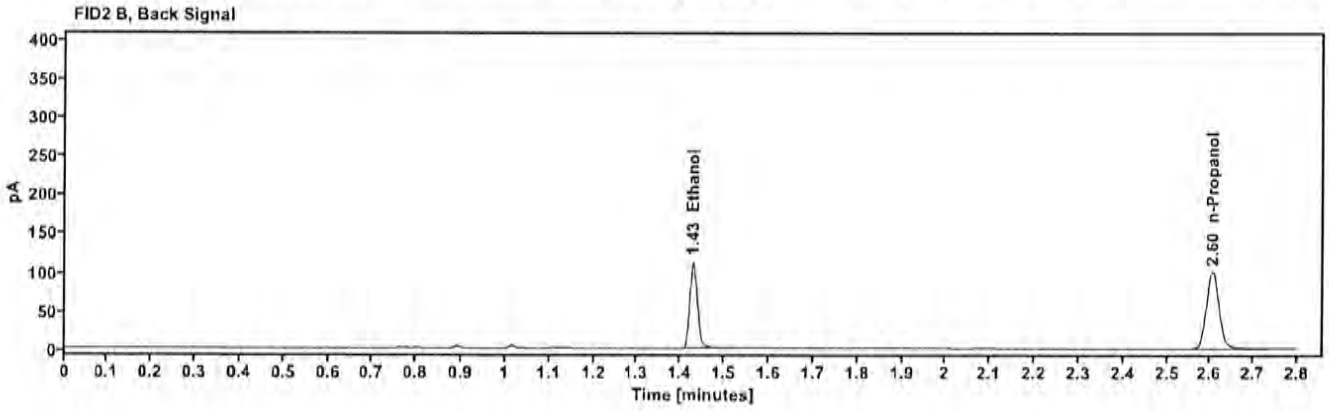

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1814	1.285	131.868
n-Propanol	----	2.151	200.718

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	135.476
n-Propanol	2.605	206.637

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525929-2	**Vial:**	46
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:45:25 PM
Data file:	C:\Chem32\1\Data\22Jan26\46.D	**Analyst:**	Canonico

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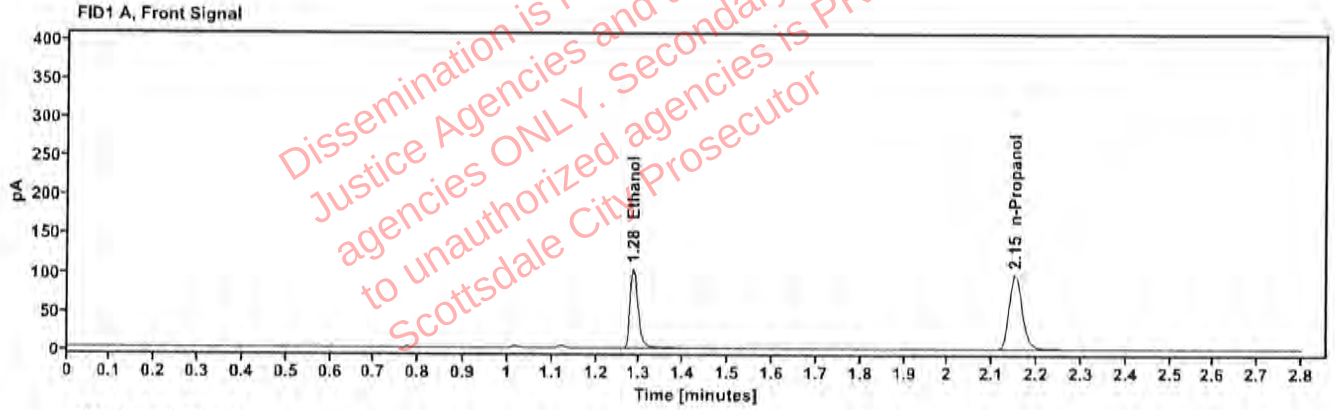

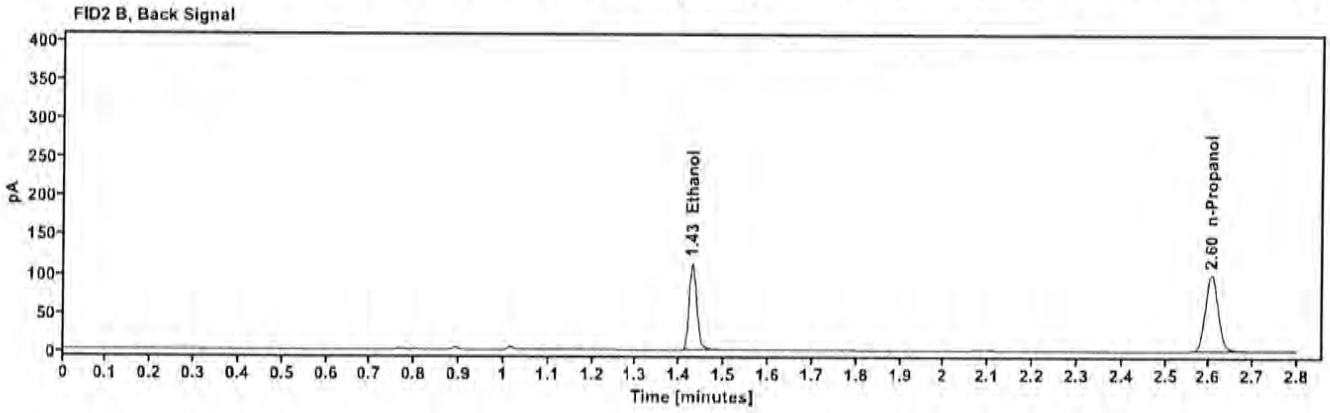

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1819	1.285	132.032
n-Propanol	——	2.151	200.386

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	136.613
n-Propanol	2.605	206.536

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525731-2	**Vial:**	47
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:49:14 PM
Data file:	C:\Chem32\1\Data\22Jan26\47.D	**Analyst:**	Canonico

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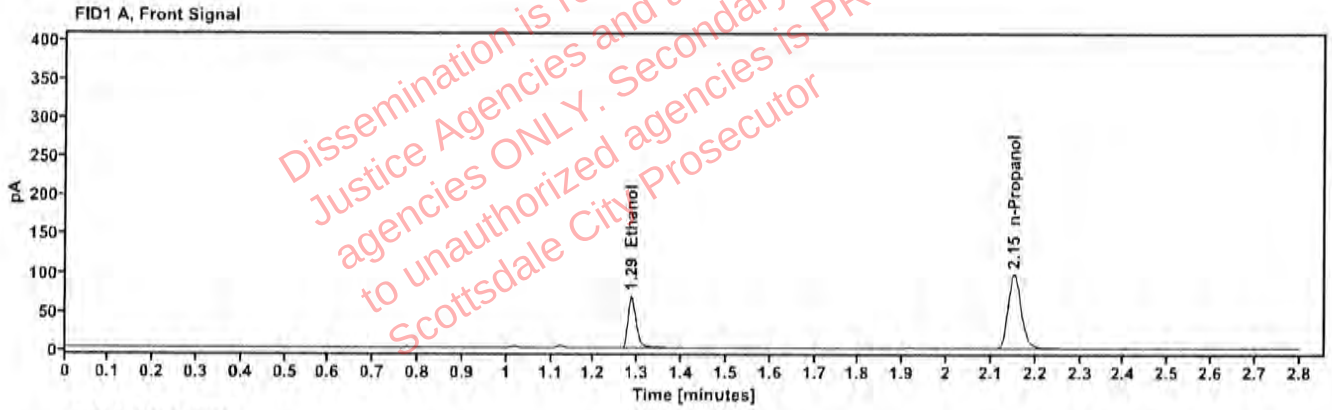

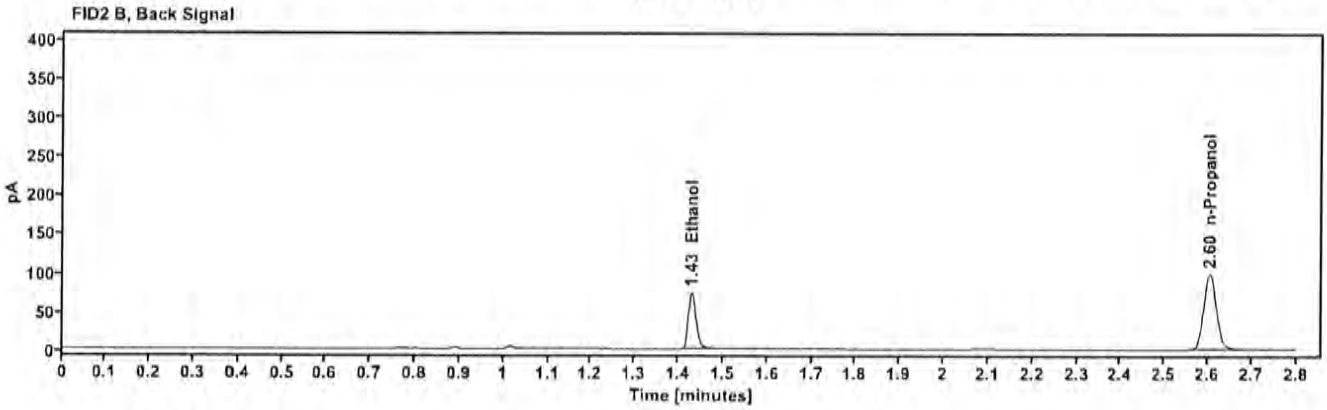

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1204	1.286	85.933
n-Propanol	----	2.151	198.002

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	88.211
n-Propanol	2.605	204.200

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525731-2	**Vial:**	48
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:53:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\48.D	**Analyst:**	Canonico

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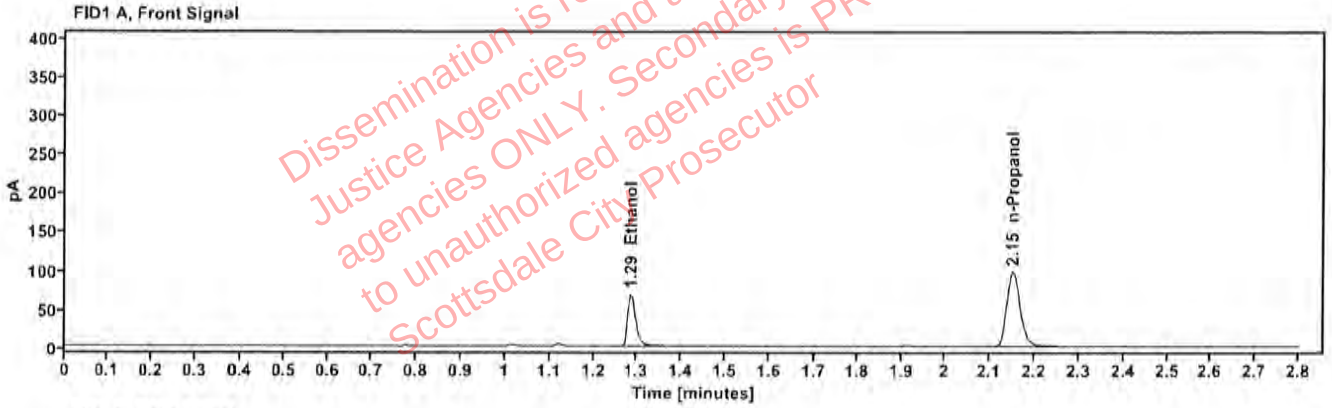

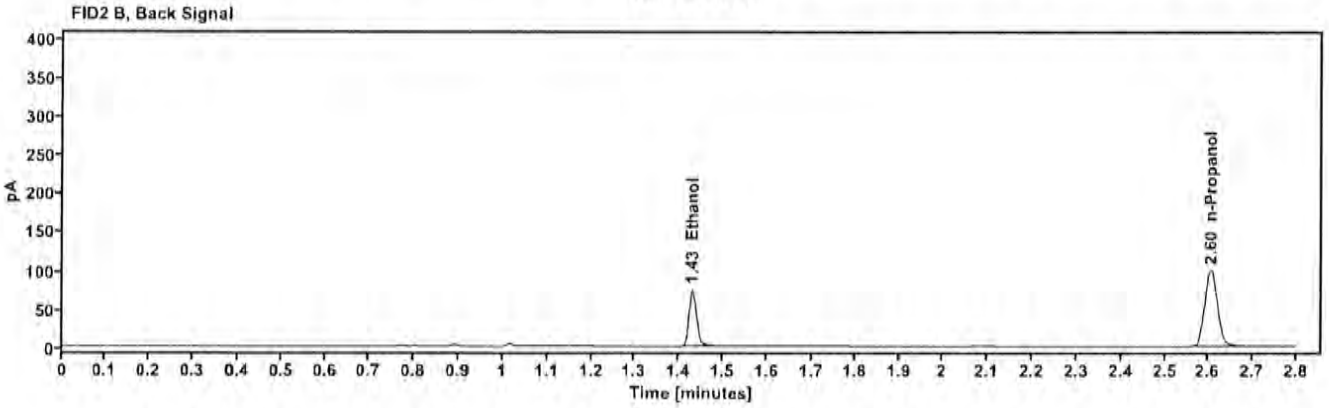

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1204	1.286	86.601
n-Propanol	——	2.151	199.466

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	88.846
n-Propanol	2.605	205.625

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513573-2	**Vial:**	49
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 4:58:01 PM
Data file:	C:\Chem32\1\Data\22Jan26\49.D	**Analyst:**	Canonico

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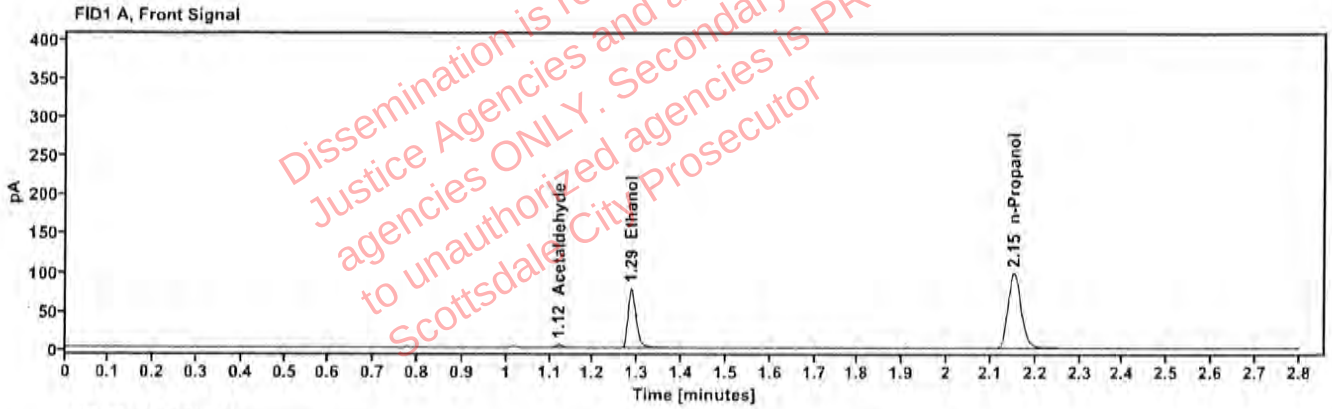

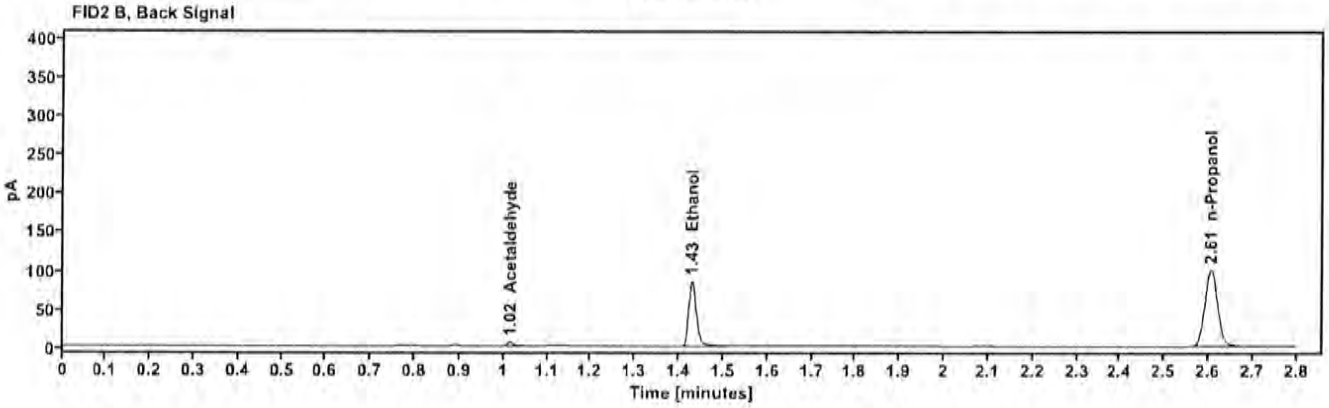

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.121	4,179
quantified Ethanol	0.1360	1.286	98,711
n-Propanol	----	2.152	201,076

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	4,416
Ethanol	1.430	101,305
n-Propanol	2.605	206,663

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2513573-2	**Vial:**	50
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:01:50 PM
Data file:	C:\Chem32\1\Data\22Jan26\50.D	**Analyst:**	Canonico

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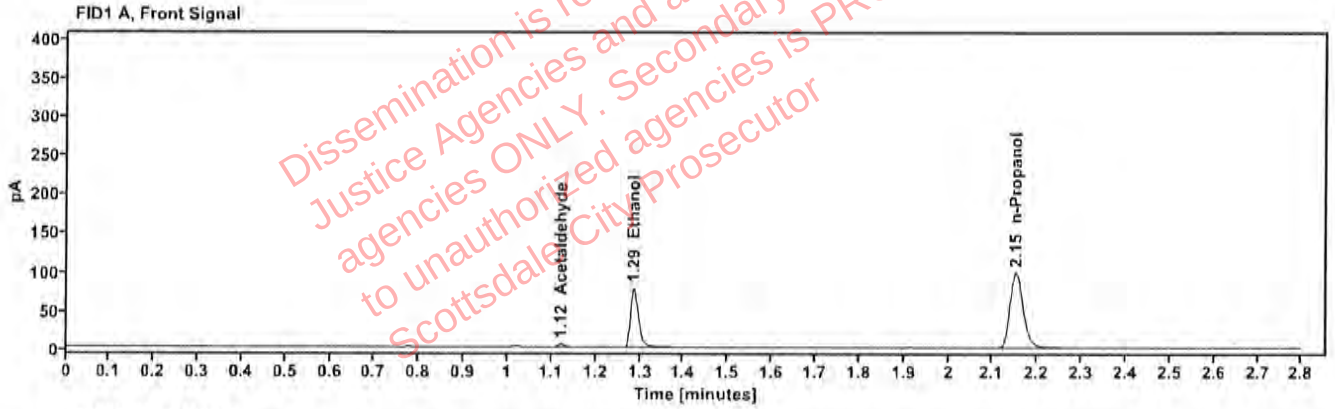

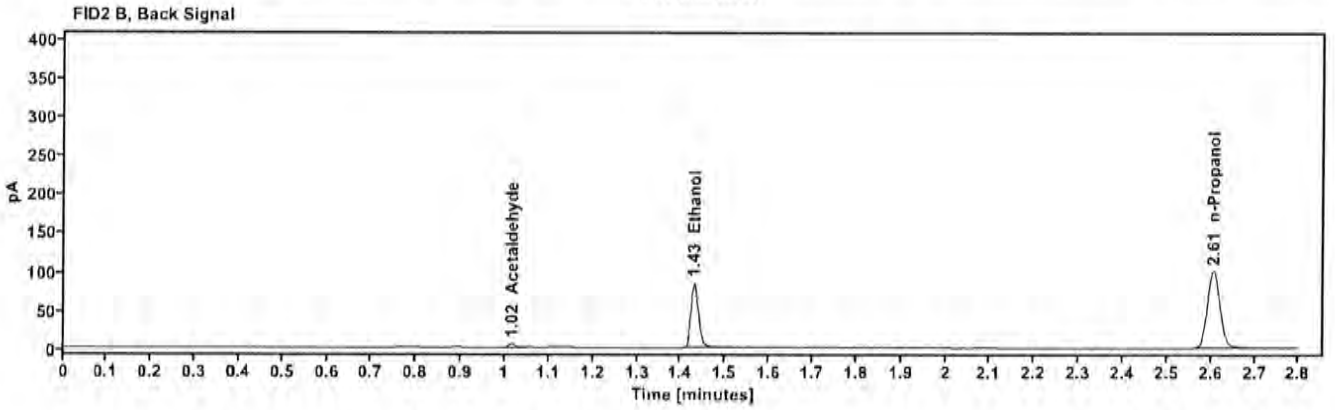

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.121	4.236
quantified Ethanol	0.1356	1.286	98.343
n-Propanol	----	2.152	200.882

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	4.478
Ethanol	1.430	100.844
n-Propanol	2.606	206.492

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514625-2	**Vial:**	51
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:05:38 PM
Data file:	C:\Chem32\1\Data\22Jan26\51.D	**Analyst:**	Canonico

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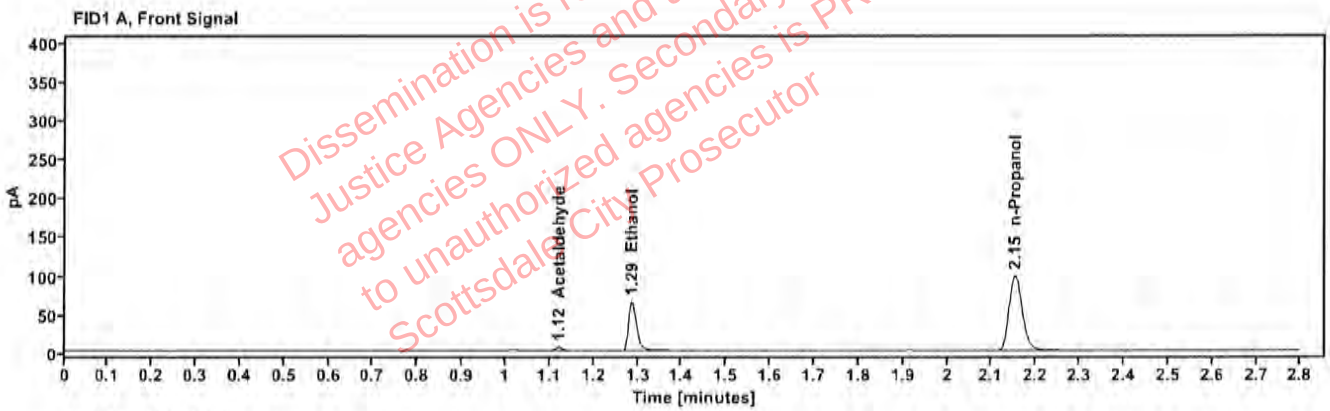

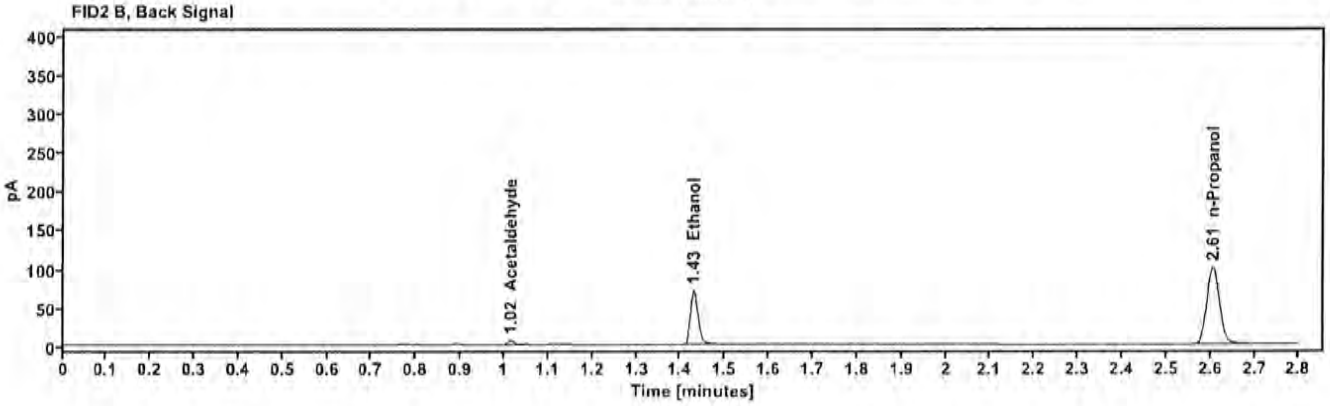

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.121	4.956
quantified Ethanol	0.1143	1.286	82.942
n-Propanol	----	2.152	201.499

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	5.213
Ethanol	1.430	84.887
n-Propanol	2.605	207.209

[redacted] Canonico, Erika - (01-26-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514625-2	**Vial:**	52
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	22Jan26
Instrument:	US2320A024 US23180007	**Injection date:**	1/22/2026 5:09:26 PM
Data file:	C:\Chem32\1\Data\22Jan26\52.D	**Analyst:**	Canonico

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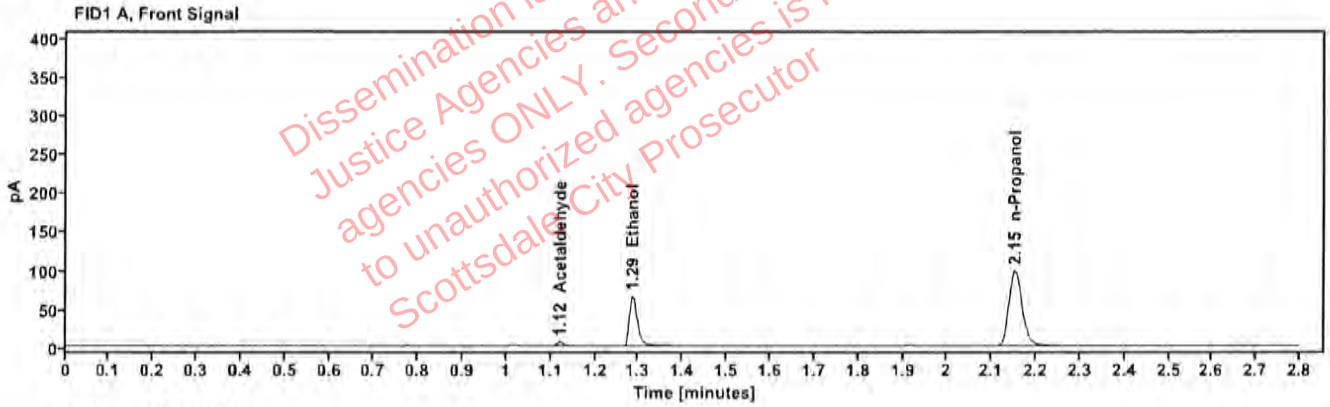

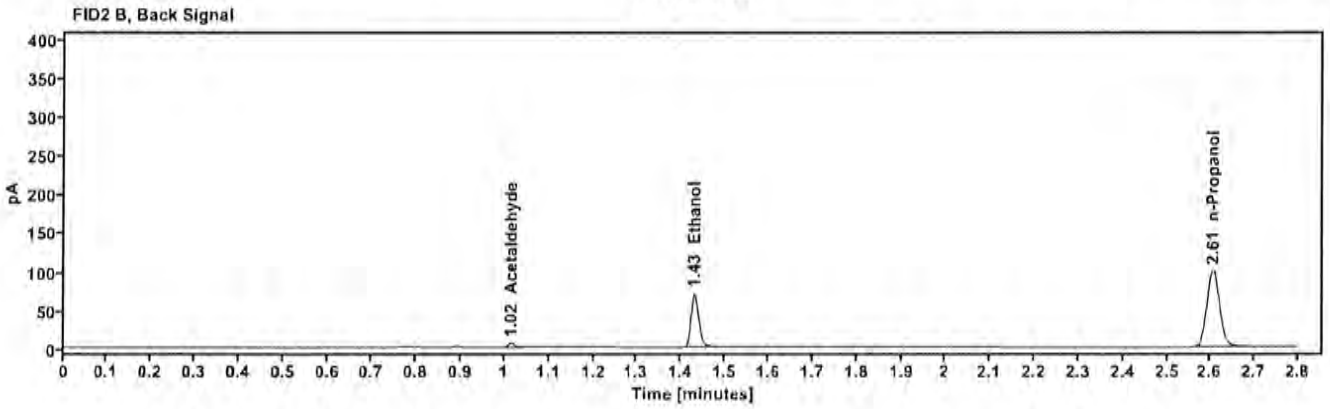

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.121	4.902
quantified Ethanol	0.1139	1.286	82.447
n-Propanol	----	2.152	200.976

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	5.142
Ethanol	1.430	84.478
n-Propanol	2.605	206.610