SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/27/26 SEQUENCE NAME 27Oct26

EQUIPMENT

Pipettor	☒	Hamilton ML600GA23163	☐	Hamilton ML600EA20851
Gas Chromatograph	☐	Agilent US14173023	☒	Agilent US2320A024

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03062417

Vial 2 0.10 calibrator Lot FN04042408 Coefficient of determination (r^2) 0.99967

Vial 3 0.20 calibrator Lot FN07012401

Vial 4 0.40 calibrator Lot FN04092401

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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 061026WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 031726MIX
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed C1475825
8	Aqueous control	0.040 g/dL	0.038 g/dL	Lipomed 529862
9	Blood control	0.201 g/dL	0.201 g/dL	ACQ 4190425129/6
20	Blood control	0.201 g/dL	0.201 g/dL	ACQ 4190425129/6
31	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed C1475825
32	Aqueous control	0.040 g/dL	0.038 g/dL	Lipomed 529862
33	Blood control	0.201 g/dL	0.203 g/dL	ACQ 4190425129/6
34	Blank	Not detected	Not detected	SPD lab 092926AQ

SUBJECT SAMPLES

Subjects in the sequence 10 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒
Run invalid ☐
Erika Canonico
Analyst

Run valid ☑
Run invalid ☐
Alexandra J Arroyo
Technical Reviewer

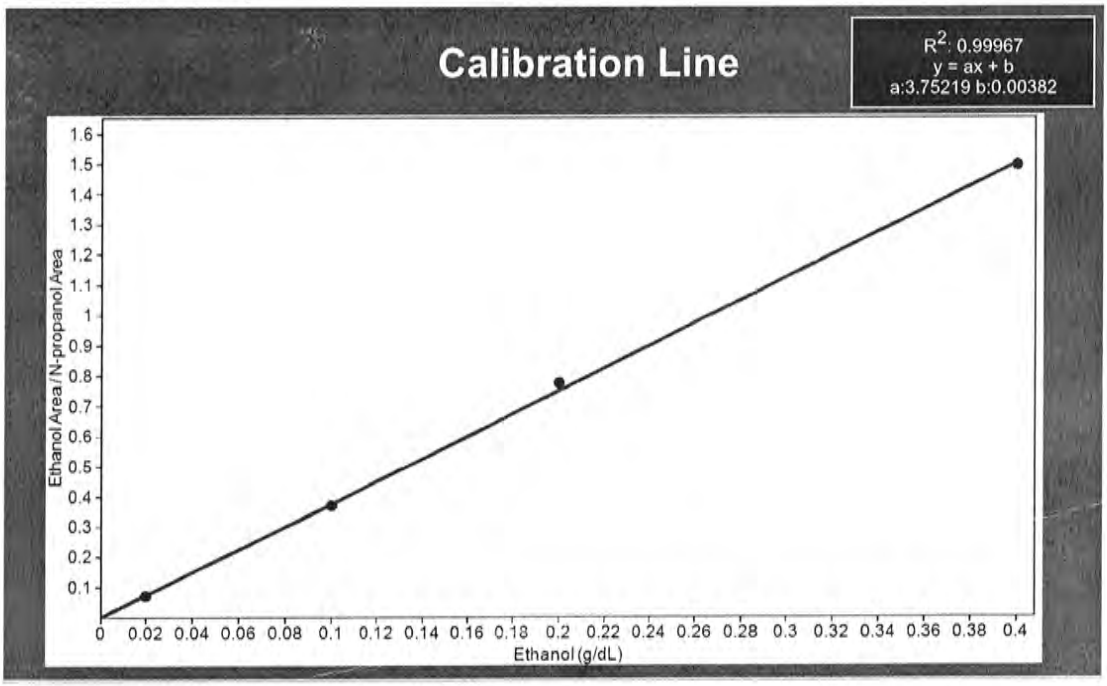
Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

Sequence: 27Oct26 **Analyst: Canonico** EQ

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 061026WB	5	negative	negative	-	-
0.400 C1475825	7	0.398	0.400	0.50	0.002
0.040 529862	8	0.038	0.040	5.00	0.002
0.201 4190425129/6	9	0.201	0.201	0.00	0.000
0.201 4190425129/6	20	0.201	0.201	0.00	0.000
0.400 C1475825	31	0.404	0.400	1.00	0.004
0.040 529862	32	0.038	0.040	5.00	0.002
0.201 4190425129/6	33	0.203	0.201	1.00	0.002
blank 092926AQ	34	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	13.097	179.968	0.073
0.100	68.192	183.748	0.371
0.200	155.408	199.822	0.778
0.400	271.769	181.754	1.495



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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03062417	**Vial:**	1
Description:	0.020 Calibrator	**Sequence:**	27Oct26
Method:	ethanol quant.M	**Injection date:**	10/27/2026 12:28:31 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\27Oct26\1.D		

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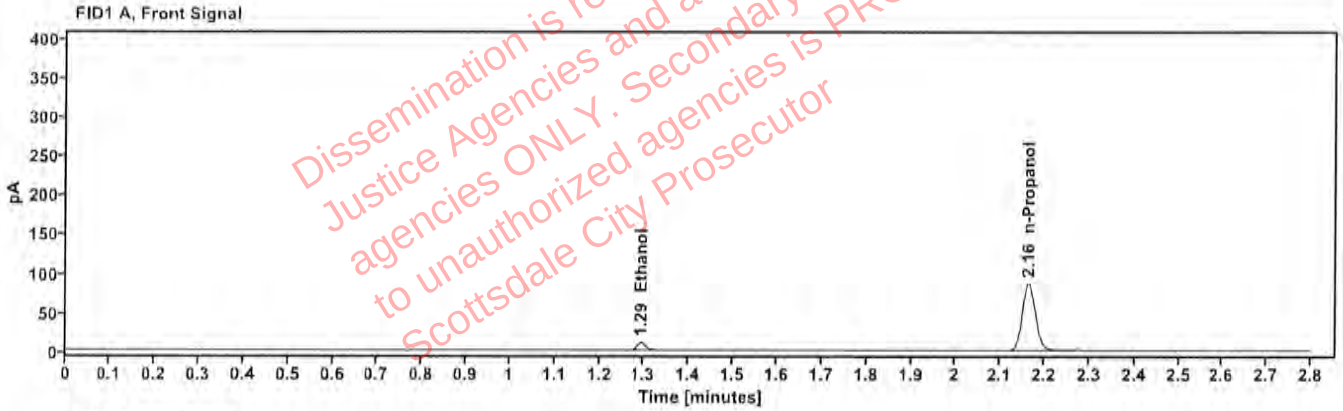

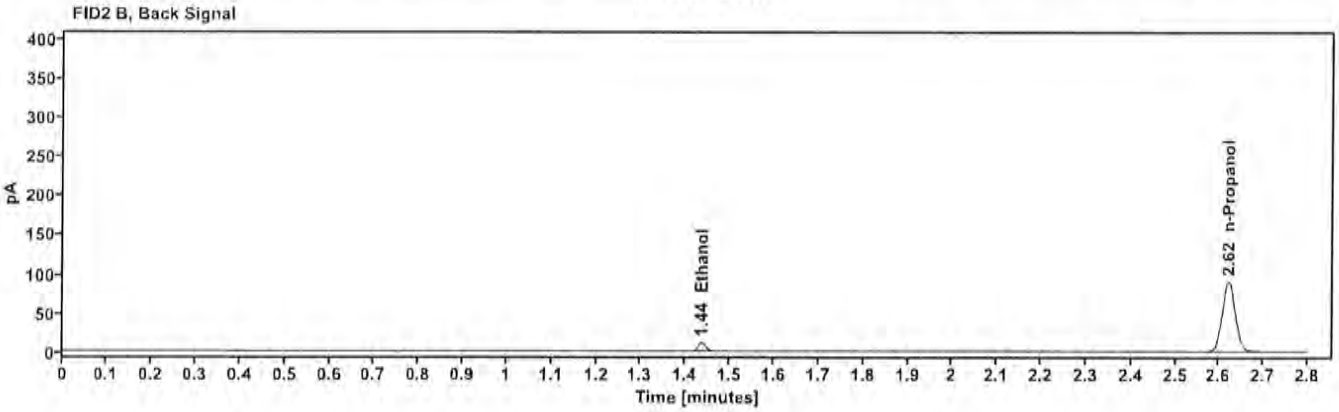

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.293	13.097
n-Propanol	2.163	179.968

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

Compound	Time (min)	Peak Area
Ethanol	1.436	13.629
n-Propanol	2.621	186.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04042408	**Vial:**	2
Description:	0.100 Calibrator	**Sequence:**	27Oct26
Method:	ethanol quant.M	**Injection date:**	10/27/2026 12:32:19 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\27Oct26\2.D		

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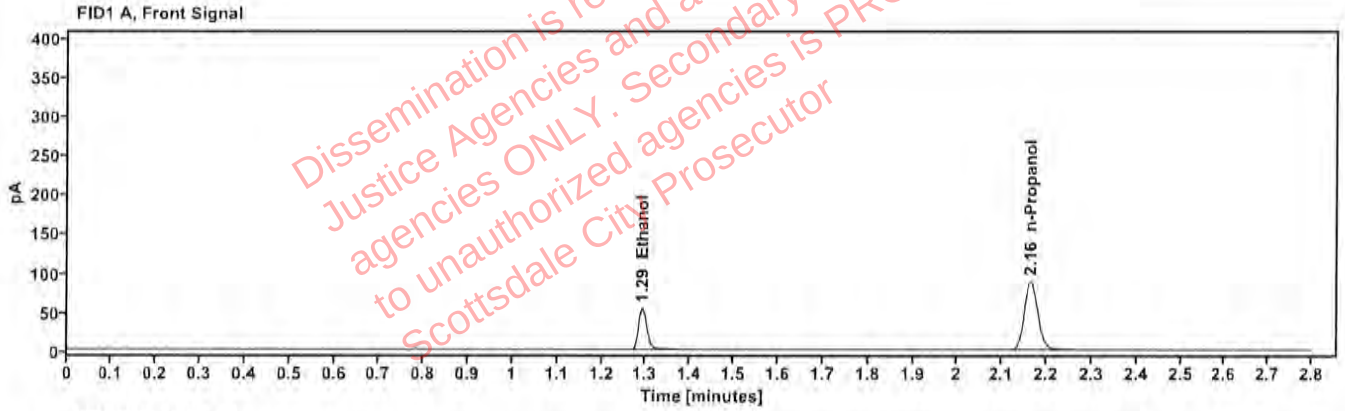

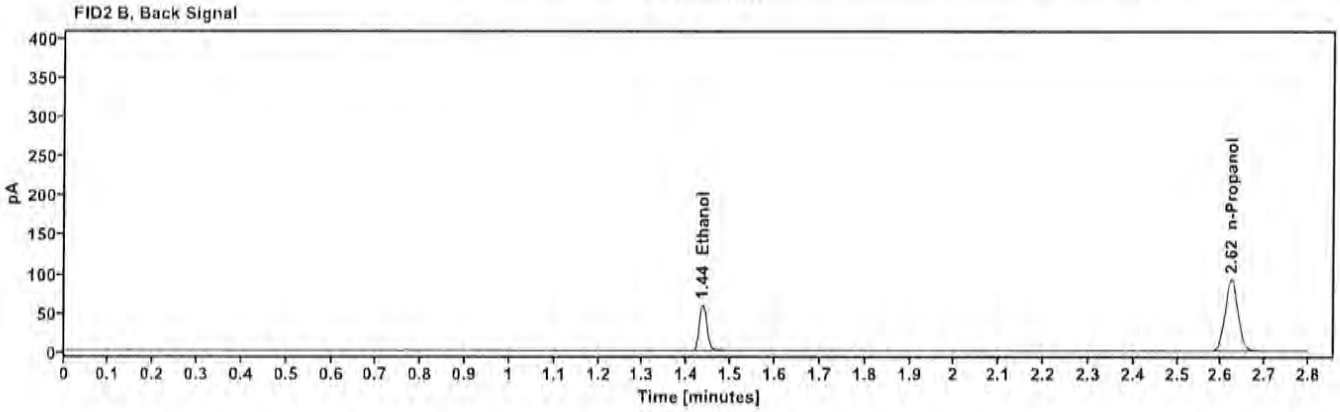

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.292	68.192
n-Propanol	2.164	183.748

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

Compound	Time (min)	Peak Area
Ethanol	1.436	70.904
n-Propanol	2.622	190.462

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN07012401	**Vial:**	3
Description:	0.200 Calibrator	**Sequence:**	27Oct26
Method:	ethanol quant.M	**Injection date:**	10/27/2026 12:36:07 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico
Data file:	C:\Chem32\1\Data\27Oct26\3.D		

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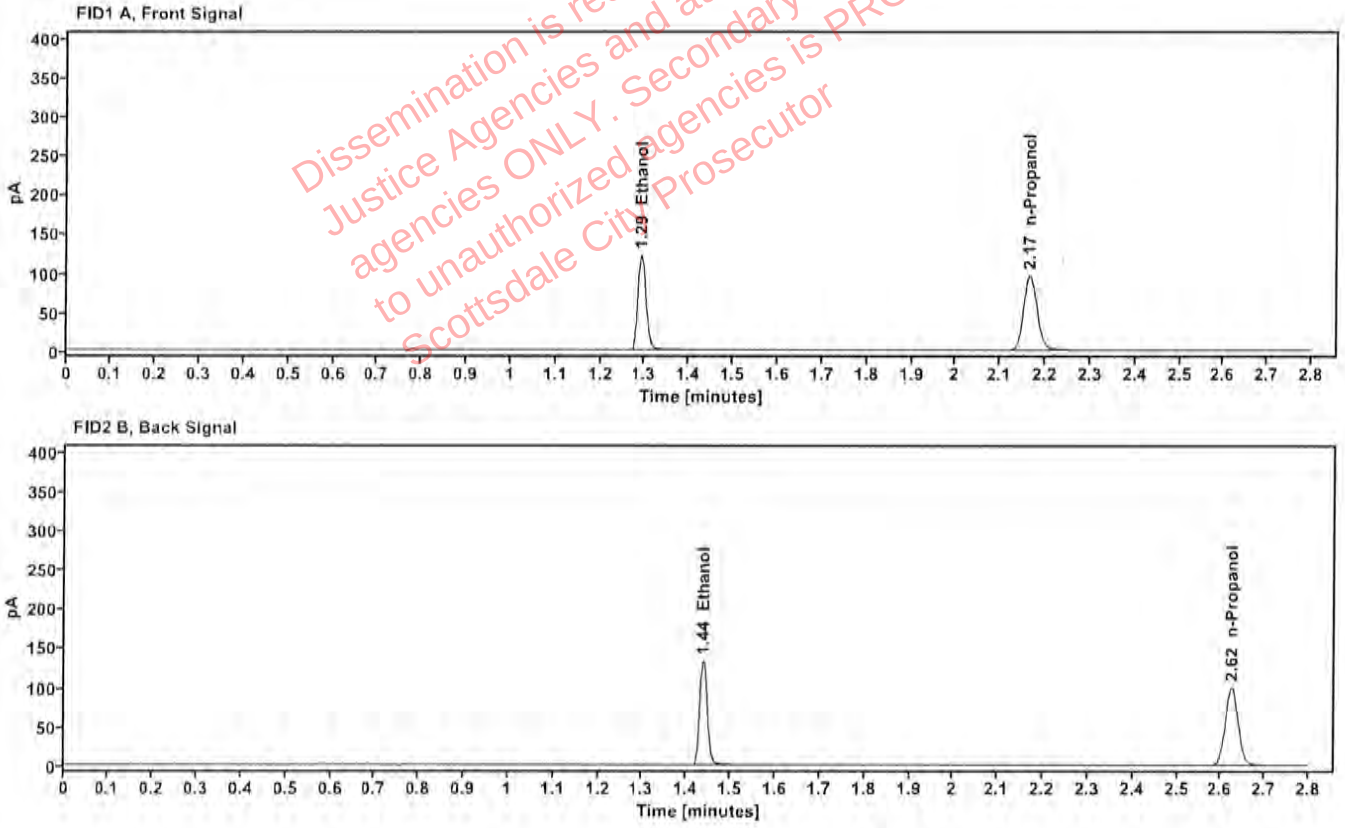

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.292	155.408
n-Propanol	2.165	199.822

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

Compound	Time (min)	Peak Area
Ethanol	1.438	161.120
n-Propanol	2.625	207.204

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04092401	**Vial:**	4
Description:	0.400 Calibrator	**Sequence:**	27Oct26
Method:	ethanol quant.M	**Injection date:**	10/27/2026 12:39:55 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\27Oct26\4.D		

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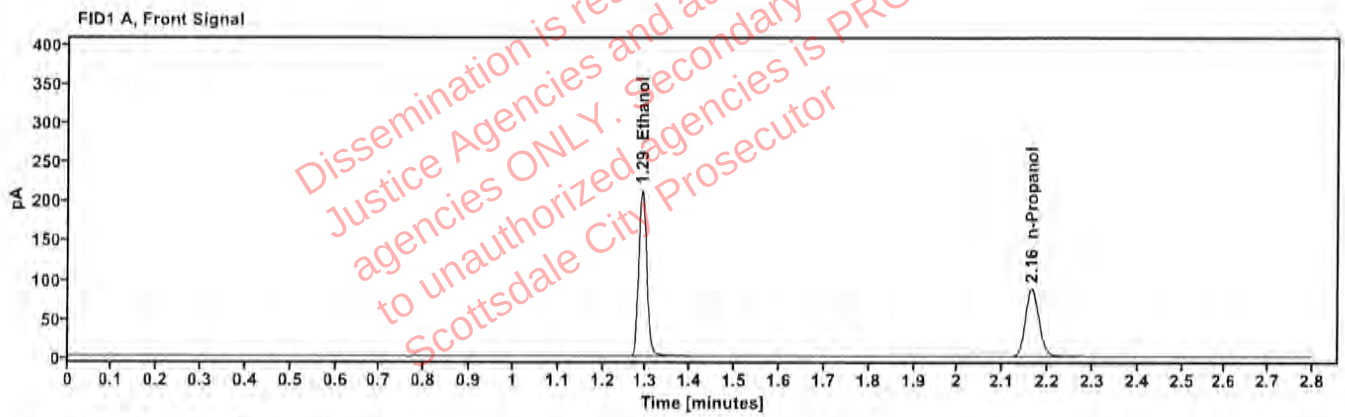

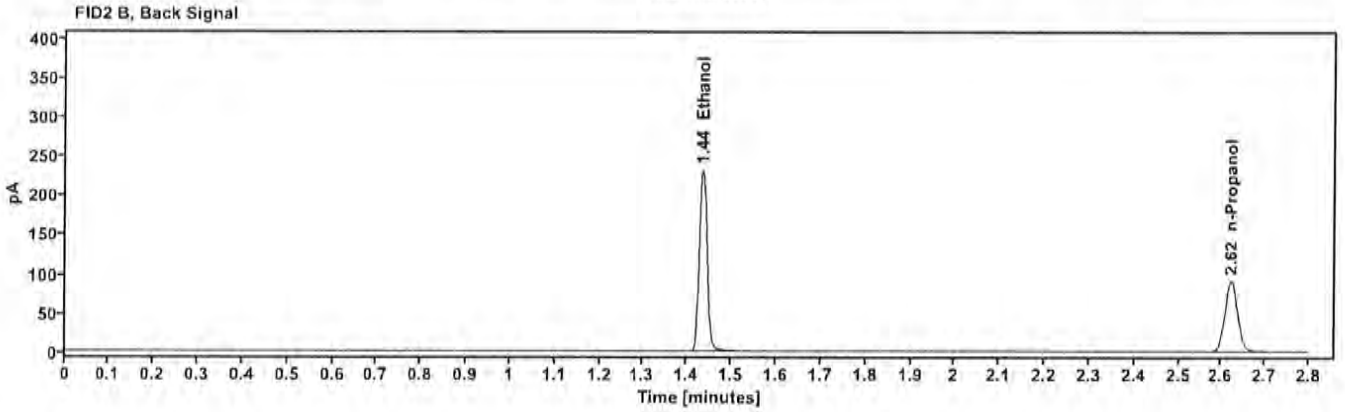

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.290	271.769
n-Propanol	2.164	181.754

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

Compound	Time (min)	Peak Area
Ethanol	1.435	281.701
n-Propanol	2.622	188.426

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	061026WB	**Vial:**	5
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 12:43:43 PM
Data file:	C:\Chem32\1\Data\27Oct26\5.D	**Analyst:**	Canonico

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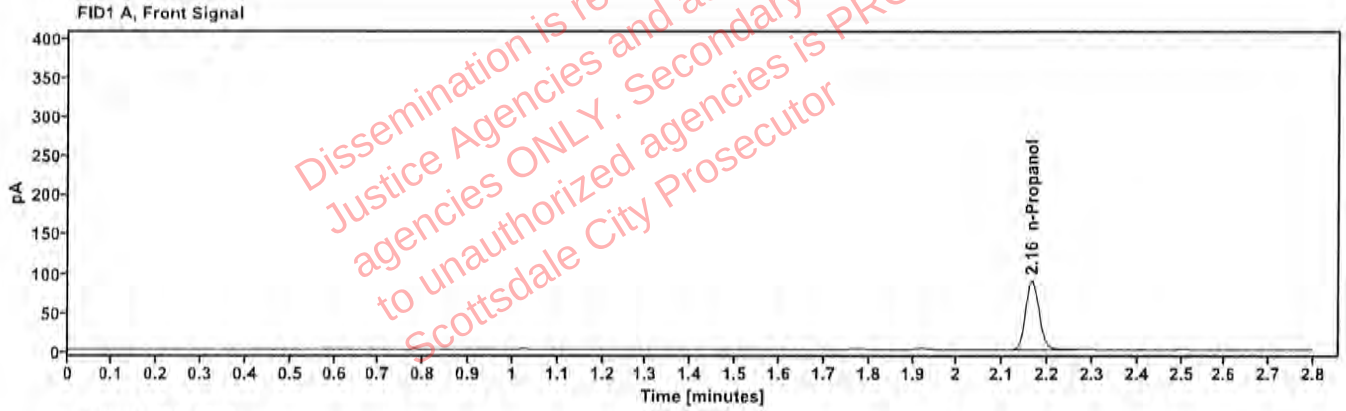

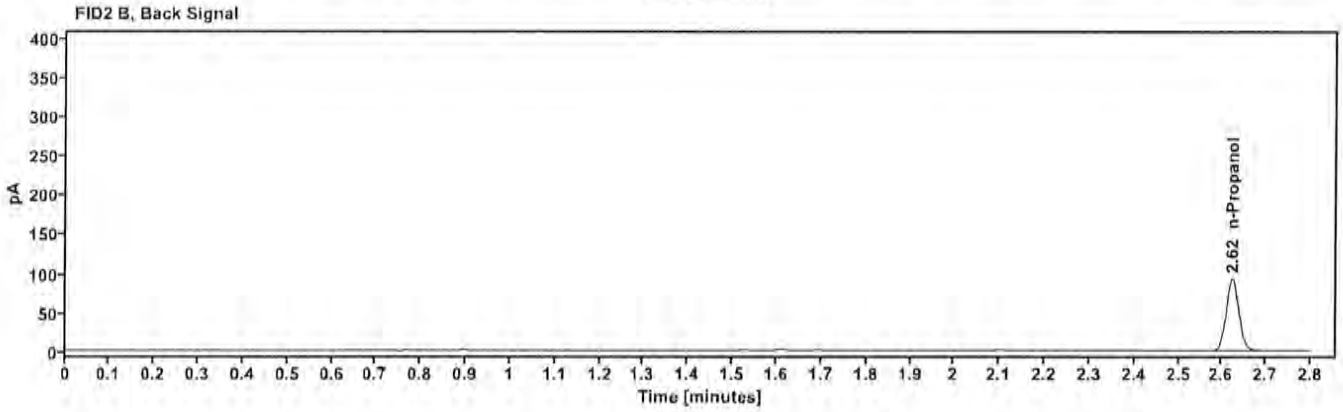

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.165	183.428

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

Compound	Time (min)	Peak Area
n-Propanol	2.624	191.158

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	031726MIX	**Vial:**	6
Description:	Volatile Mix	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 12:47:31 PM
Data file:	C:\Chem32\1\Data\27Oct26\6.D	**Analyst:**	Canonico EQ

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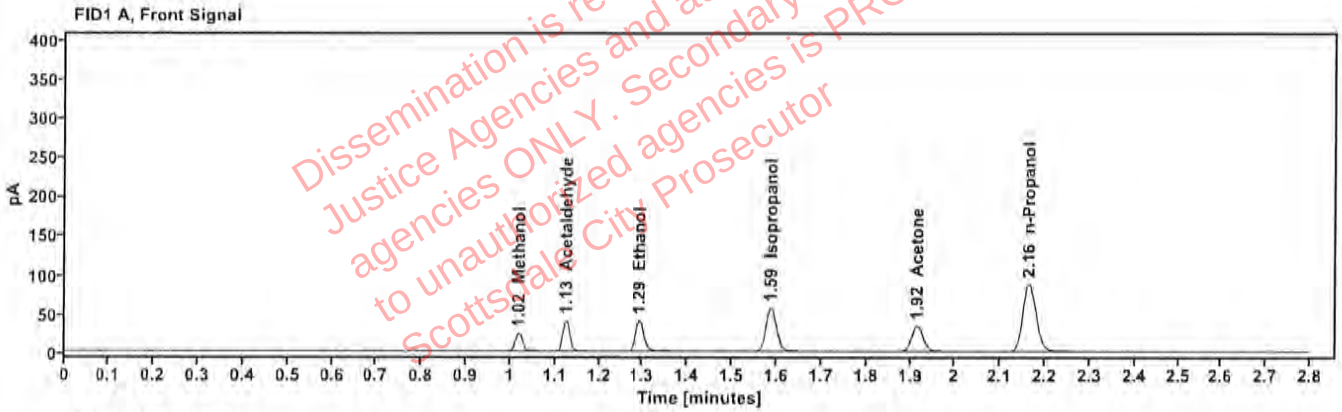

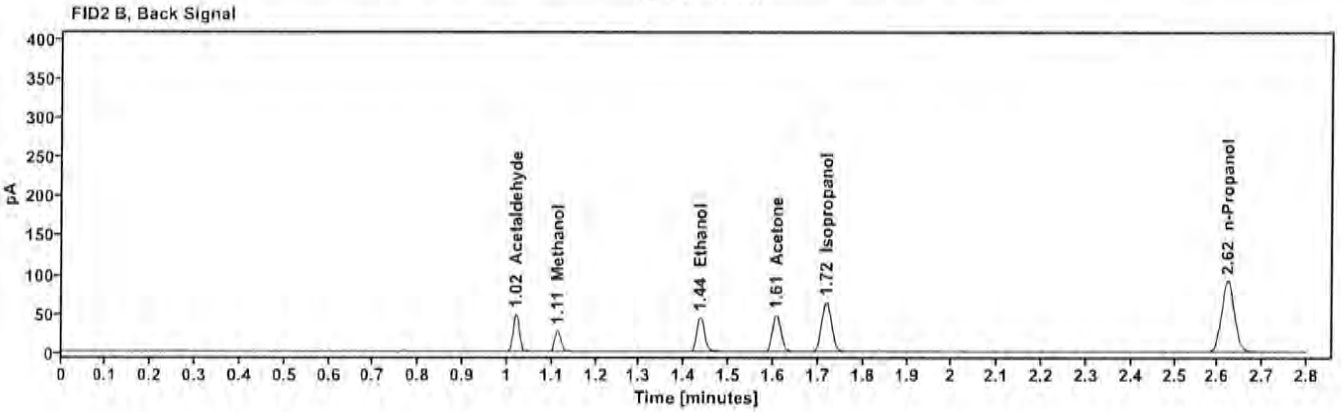

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	----	1.019	25.932
Acetaldehyde	----	1.125	43.919
quantified Ethanol	0.0739	1.292	51.697
Isopropanol	----	1.587	93.704
Acetone	----	1.916	60.245
n-Propanol	----	2.164	183.795

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.020	45.775
Methanol	1.112	26.921
Ethanol	1.436	53.655
Acetone	1.607	62.522
Isopropanol	1.718	97.383
n-Propanol	2.622	190.157

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1475825	**Vial:**	7
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 12:52:30 PM
Data file:	C:\Chem32\1\Data\27Oct26\7.D	**Analyst:**	Canonico EQ

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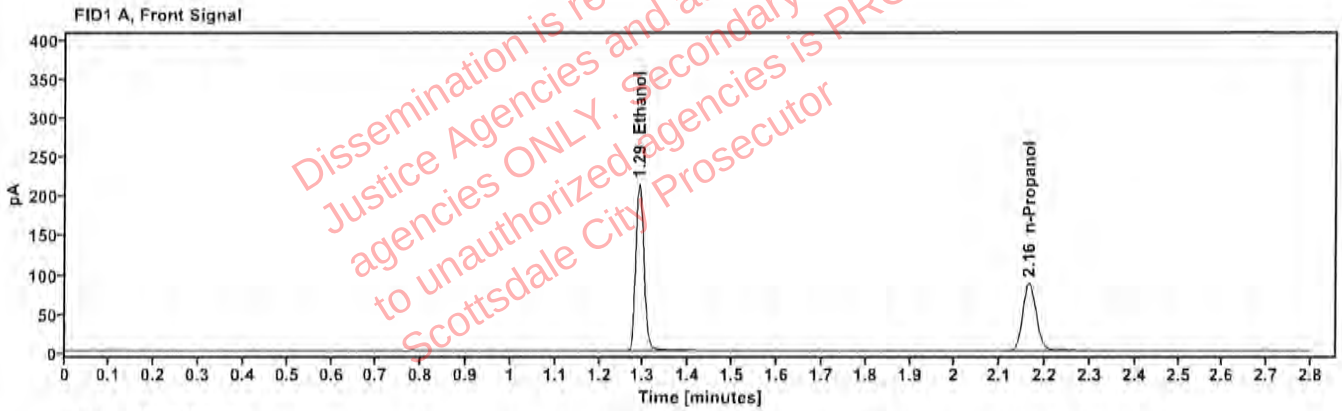

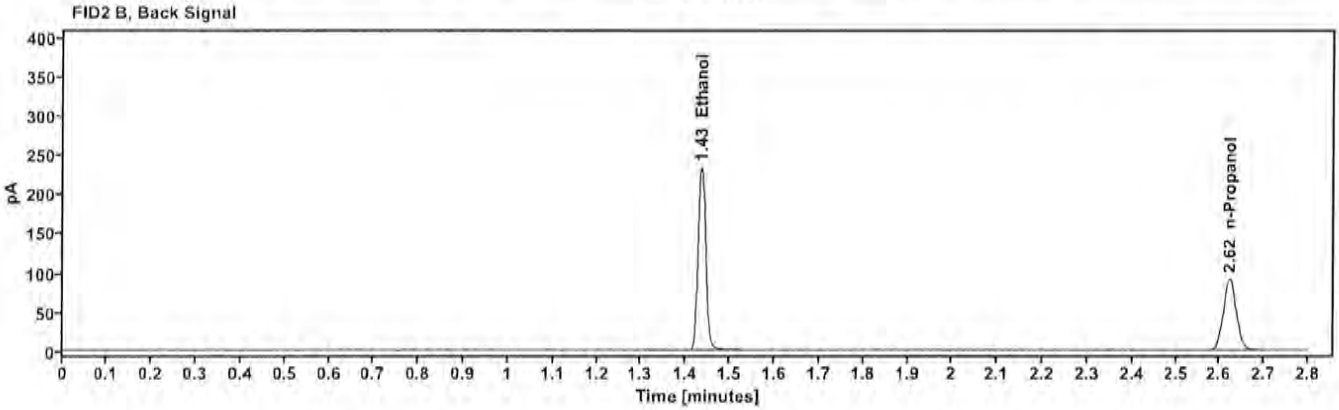

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3988	1.290	273.272
n-Propanol	-----	2.164	182.172

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

Compound	Time (min)	Peak Area
Ethanol	1.435	283.471
n-Propanol	2.622	188.811

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	**Vial:**	8
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 12:56:18 PM
Data file:	C:\Chem32\1\Data\27Oct26\8.D	**Analyst:**	Canonico EC

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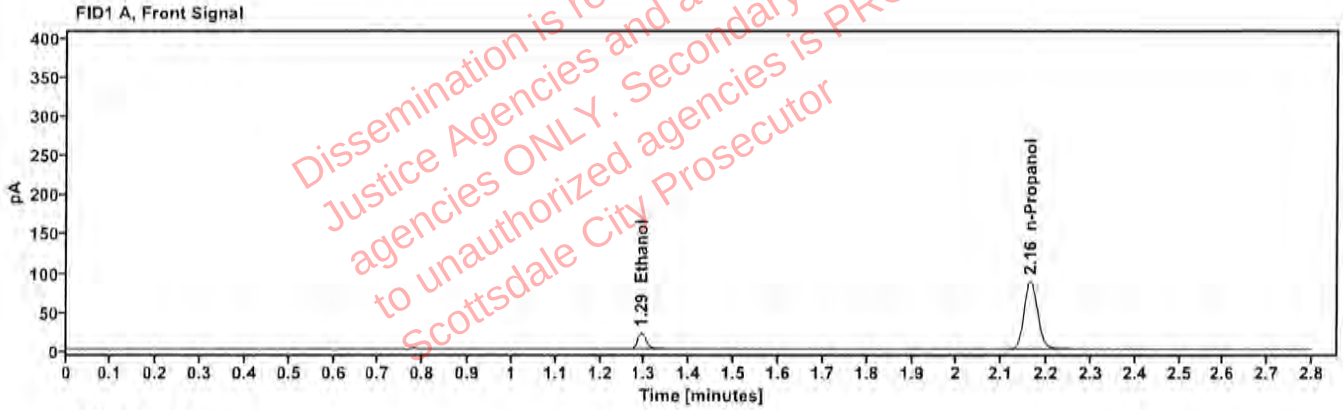

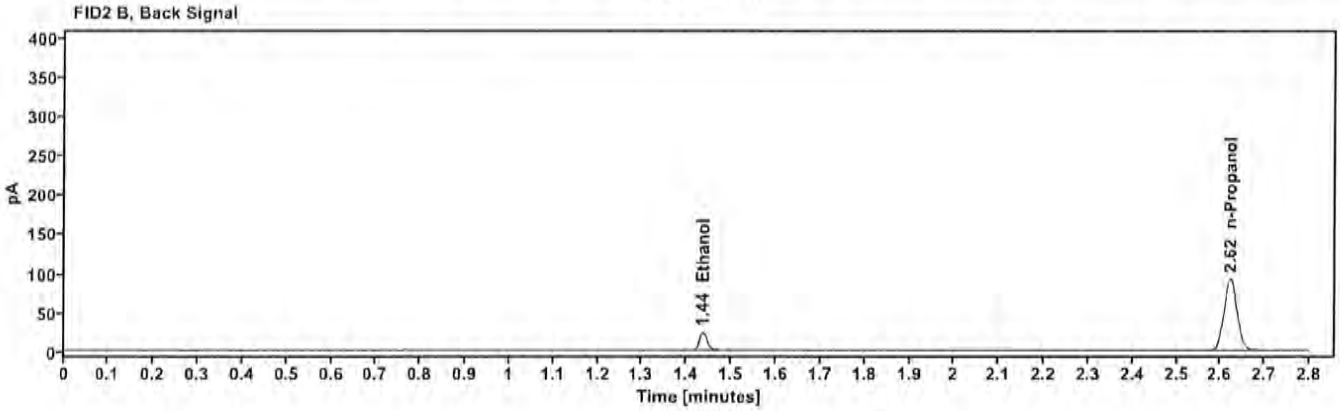

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0380	1.293	26.904
n-Propanol	——	2.164	183.973

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

Compound	Time (min)	Peak Area
Ethanol	1.436	28.004
n-Propanol	2.622	190.740

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4190425129/6	**Vial:**	9
Description:	0.201	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:00:07 PM
Data file:	C:\Chem32\1\Data\27Oct26\9.D	**Analyst:**	Canonico EC

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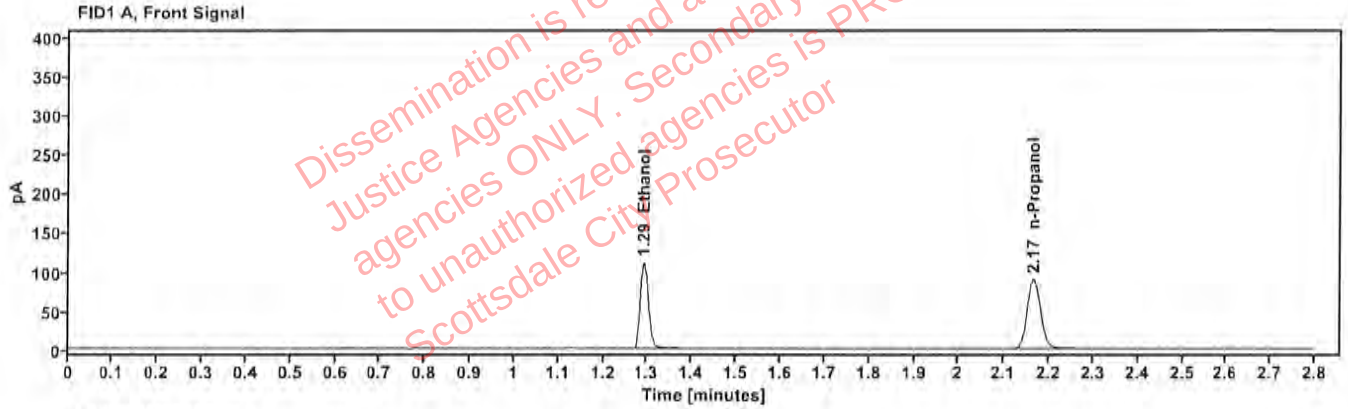

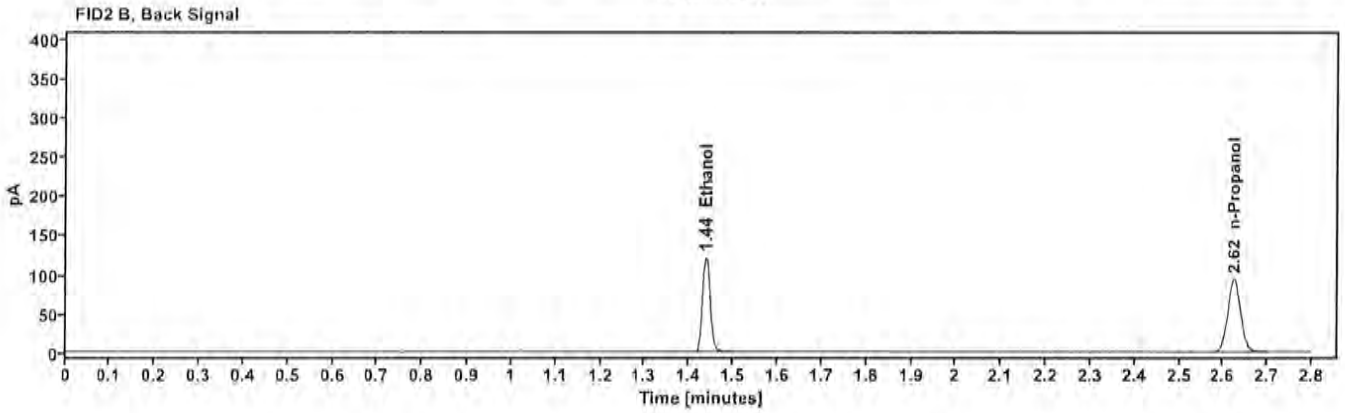

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2015	1.292	141.338
n-Propanol	——	2.165	185.976

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

Compound	Time (min)	Peak Area
Ethanol	1.438	146.392
n-Propanol	2.624	192.775

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4190425129/6	**Vial:**	20
Description:	0.201	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:44:19 PM
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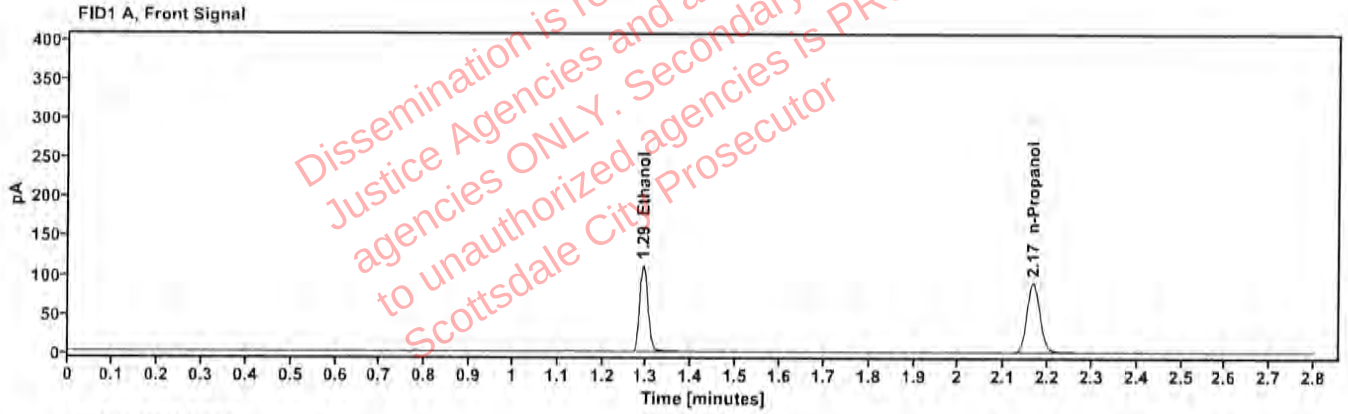

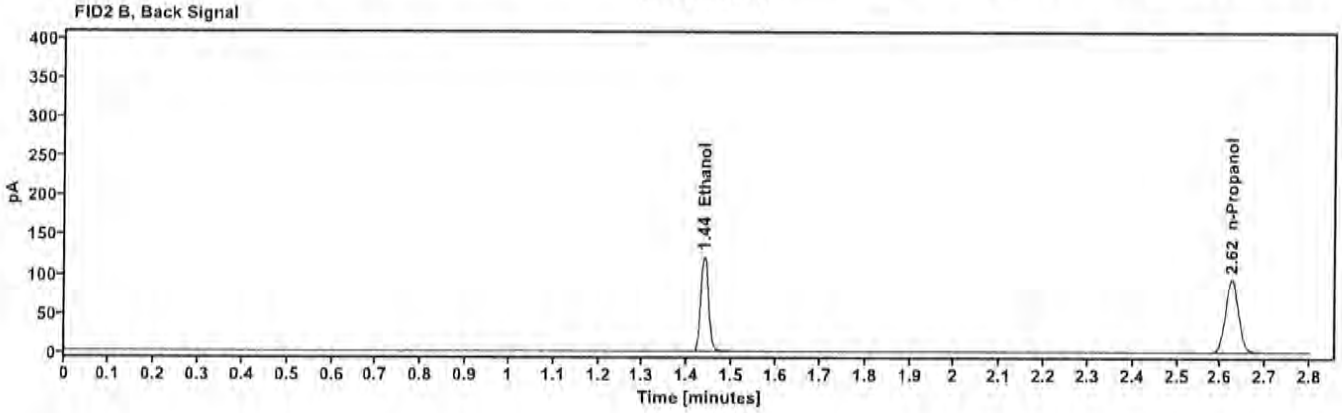

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2014	1.292	142.241
n-Propanol	——	2.165	187.269

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

Compound	Time (min)	Peak Area
Ethanol	1.438	147.627
n-Propanol	2.624	194.045

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1475825	**Vial:**	31
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:28:30 PM
Data file:	C:\Chem32\1\Data\27Oct26\31.D	**Analyst:**	Canonico

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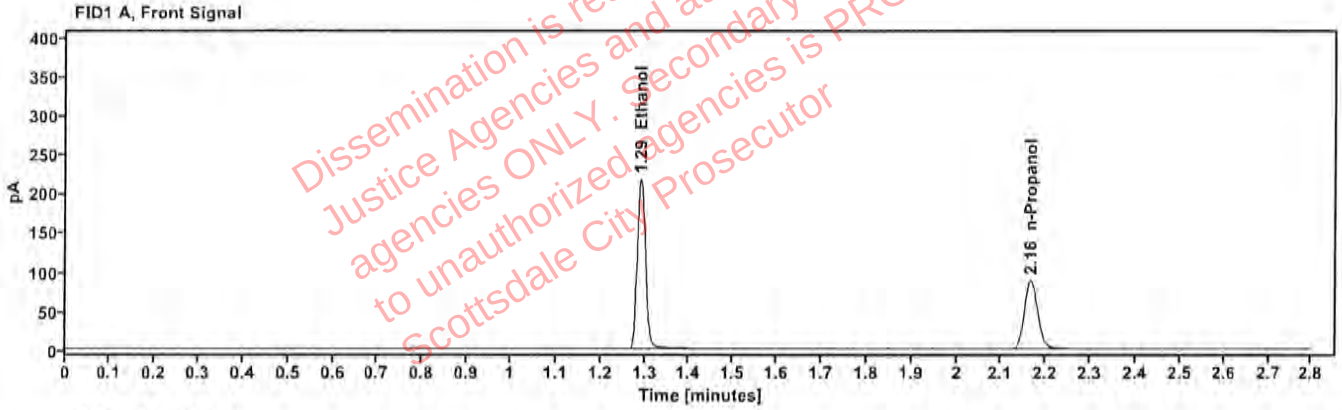

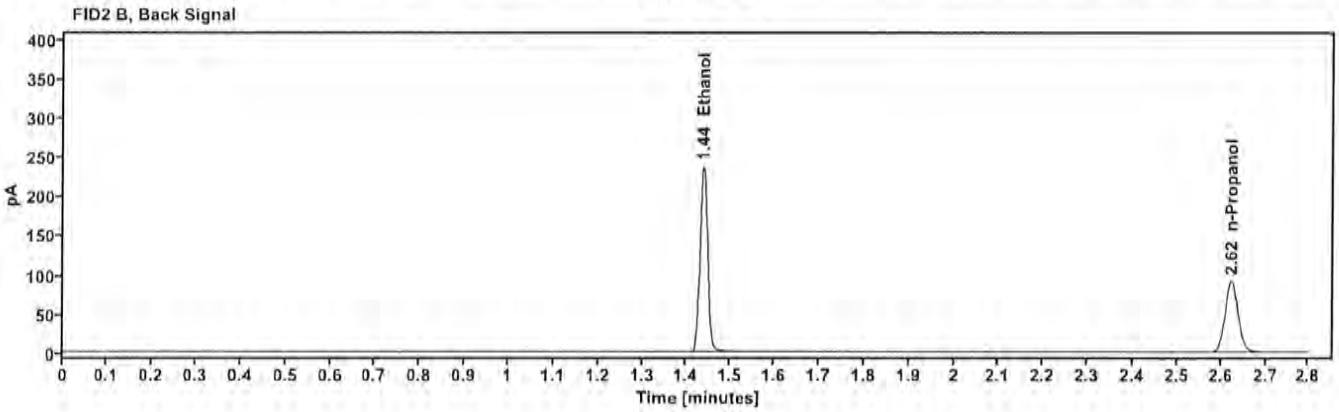

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4040	1.291	277.474
n-Propanol	-----	2.165	182.581

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

Compound	Time (min)	Peak Area
Ethanol	1.437	287.640
n-Propanol	2.624	189.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	**Vial:**	32
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:32:19 PM
Data file:	C:\Chem32\1\Data\27Oct26\32.D	**Analyst:**	Canonico EC

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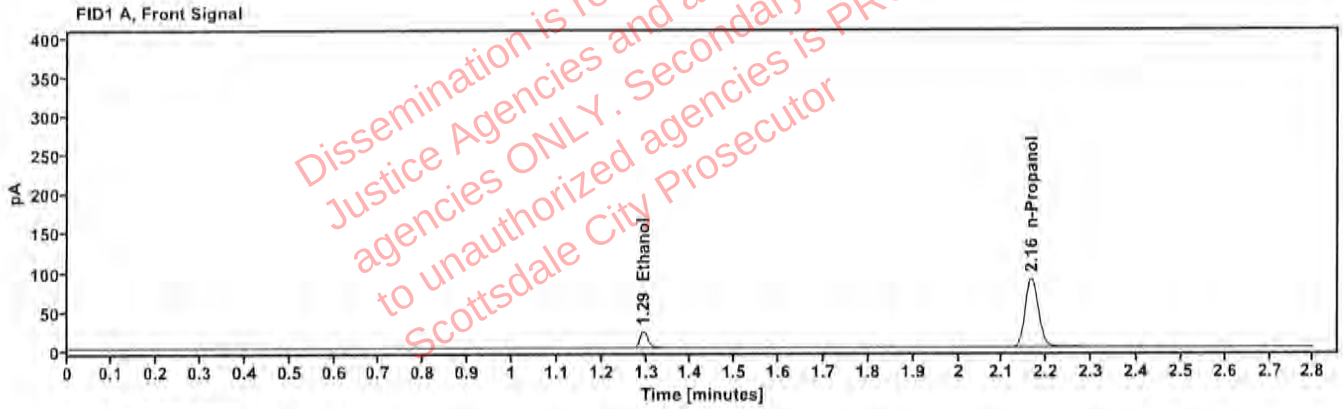

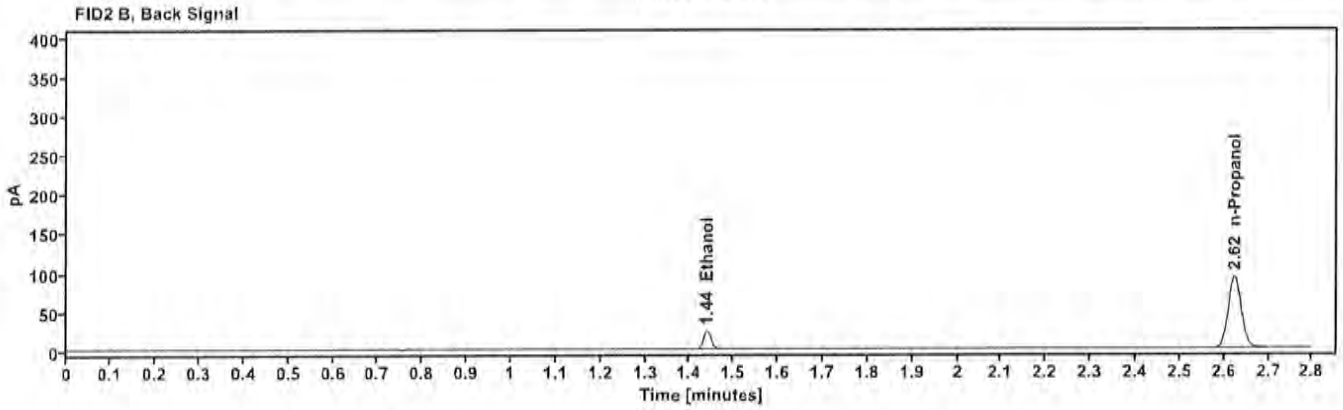

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0387	1.294	27.423
n-Propanol	----	2.165	184.084

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

Compound	Time (min)	Peak Area
Ethanol	1.438	28.471
n-Propanol	2.624	190.717

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4190425129/6	**Vial:**	33
Description:	0.201	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:36:07 PM
Data file:	C:\Chem32\1\Data\27Oct26\33.D	**Analyst:**	Canonico EO

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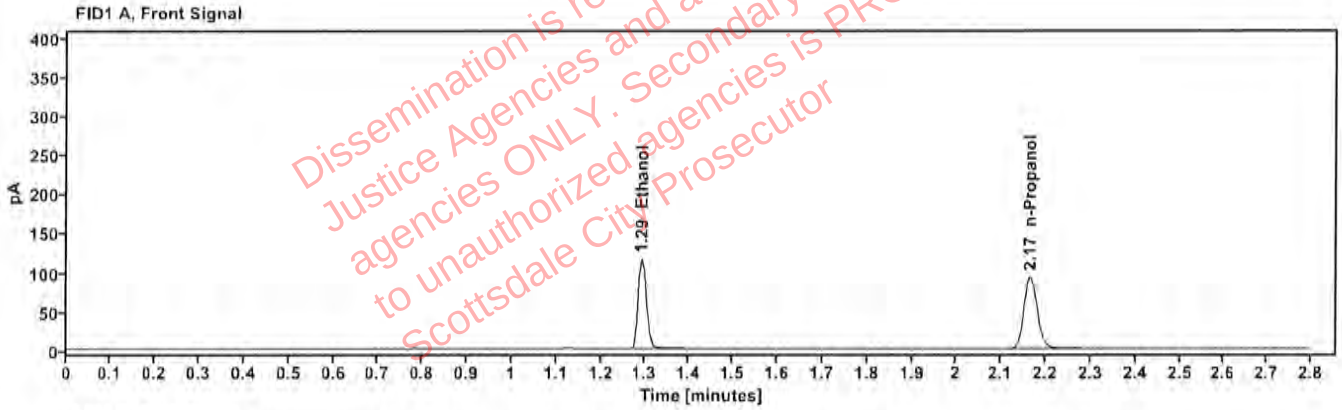

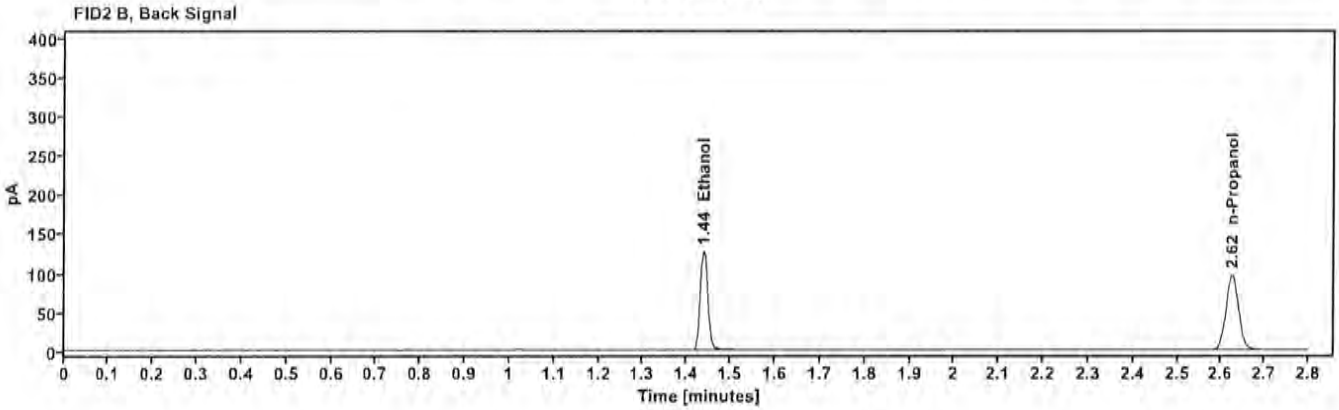

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2038	1.292	147.868
n-Propanol	----	2.165	192.372

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

Compound	Time (min)	Peak Area
Ethanol	1.438	153.379
n-Propanol	2.624	199.279

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	092926AQ	**Vial:**	34
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:39:55 PM
Data file:	C:\Chem32\1\Data\27Oct26\34.D	**Analyst:**	Canonico EC

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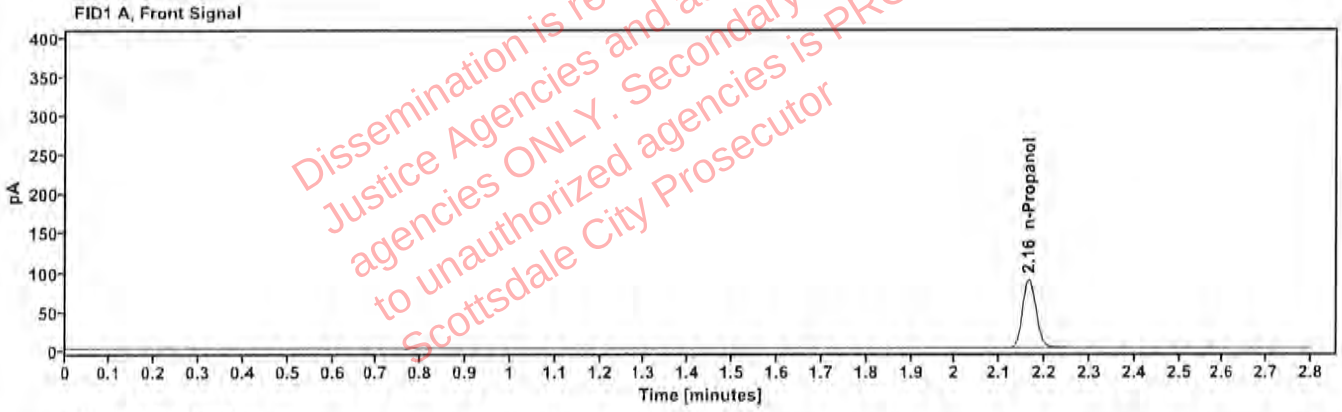

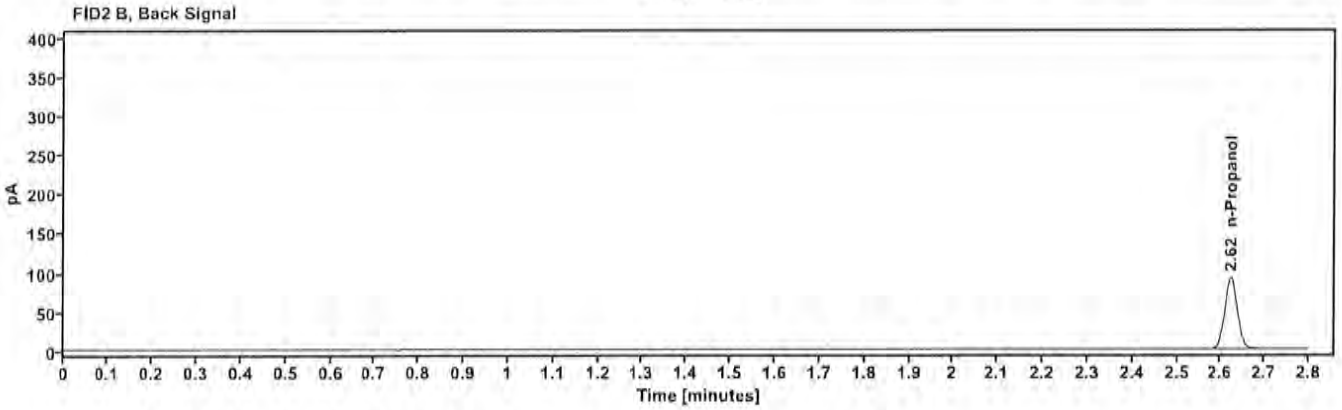

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.165	183.107

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

Compound	Time (min)	Peak Area
n-Propanol	2.623	189.811

Sequence Summary

Sequence name: 27Oct26 **Instrument:** US2320A024 US23180007 **Analyst:** Canonico

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	FN07012401	0.200 Calibrator	Calibration		ethanol quant.M
4	FN04092401	0.400 Calibrator	Calibration		ethanol quant.M
5	061026WB	negative	Control		ethanol quant.M
6	031726MIX	Volatile Mix	Control		ethanol quant.M
7	C1475825	0.400	Control		ethanol quant.M
8	529862	0.040	Control		ethanol quant.M
9	4190425129/6	0.201	Control		ethanol quant.M
10	2619145-2	[redacted]	Sample	[redacted]	ethanol quant.M
11	2619145-2		Sample		ethanol quant.M
12	453-01D.S.		Sample		ethanol quant.M
13	453-01D.S.		Sample		ethanol quant.M
14	2607013-2		Sample		ethanol quant.M
15	2607013-2		Sample		ethanol quant.M
16	2621116-2		Sample		ethanol quant.M
17	2621116-2		Sample		ethanol quant.M
18	2621332-1		Sample		ethanol quant.M
19	2621332-1		Sample		ethanol quant.M
20	4190425129/6	0.201	Control		ethanol quant.M
21	2618140-2	[redacted]	Sample	[redacted]	ethanol quant.M
22	2618140-2		Sample		ethanol quant.M
23	2621579-1		Sample		ethanol quant.M
24	2621579-1		Sample		ethanol quant.M
25	2621650-8		Sample		ethanol quant.M
26	2621650-8		Sample		ethanol quant.M
27	2621653-1		Sample		ethanol quant.M
28	2621653-1		Sample		ethanol quant.M
29	2621690-2		Sample		ethanol quant.M
30	2621690-2		Sample		ethanol quant.M
31	C1475825	0.400	Control		ethanol quant.M
32	529862	0.040	Control		ethanol quant.M
33	4190425129/6	0.201	Control		ethanol quant.M
34	092926AQ	negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory
Summary of Cases

SEQUENCE NAME: 27Oct26 **ANALYST: Canonico** EC

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference(g/dL)*
10 11	0.1322	0.1334	0.13280	0.45	0.00060
12 13	0.1341	0.1358	0.13495	0.63	0.00085
14 15	0.2565	0.2558	0.25615	0.14	0.00035
16 17	0.2059	0.2049	0.20540	0.24	0.00050
18 19	0.0241	0.0241	0.02410	0.00	0.00000
21 22	0.2599	0.2576	0.25875	0.44	0.00115
23 24	0.1428	0.1430	0.14290	0.07	0.00010
25 26	0.2042	0.2043	0.20425	0.02	0.00005
27 28	0.1730	0.1703	0.17165	0.79	0.00135
29 30	0.1886	0.1886	0.18860	0.00	0.00000

*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: 27Oct26

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2619145-2	2619145-2	2619145-2	Yes
Vials 12 and 13	453-01D.S.	453-01D.S.	453-01D.S.	Yes
Vials 14 and 15	2607013-2	2607013-2	2607013-2	Yes
Vials 16 and 17	2621116-2	2621116-2	2621116-2	Yes
Vials 18 and 19	2621332-1	2621332-1	2621332-1	Yes
Vials 21 and 22	2618140-2	2618140-2	2618140-2	Yes
Vials 23 and 24	2621579-1	2621579-1	2621579-1	Yes
Vials 25 and 26	2621650-8	2621650-8	2621650-8	Yes
Vials 27 and 28	2621653-1	2621653-1	2621653-1	Yes
Vials 29 and 30	2621690-2	2621690-2	2621690-2	Yes

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[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2619145-2	**Vial:**	10
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:03:55 PM
Data file:	C:\Chem32\1\Data\27Oct26\10.D	**Analyst:**	Canonico

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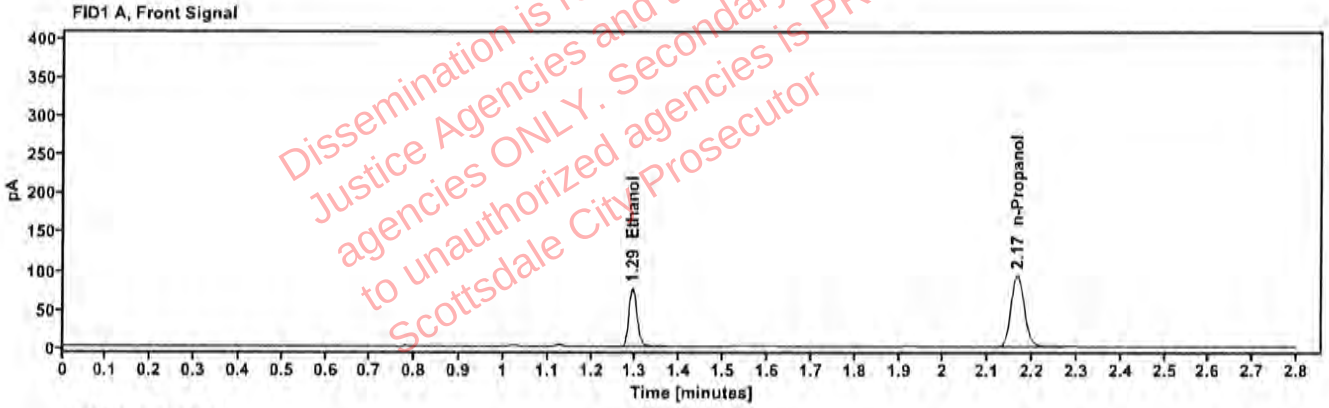

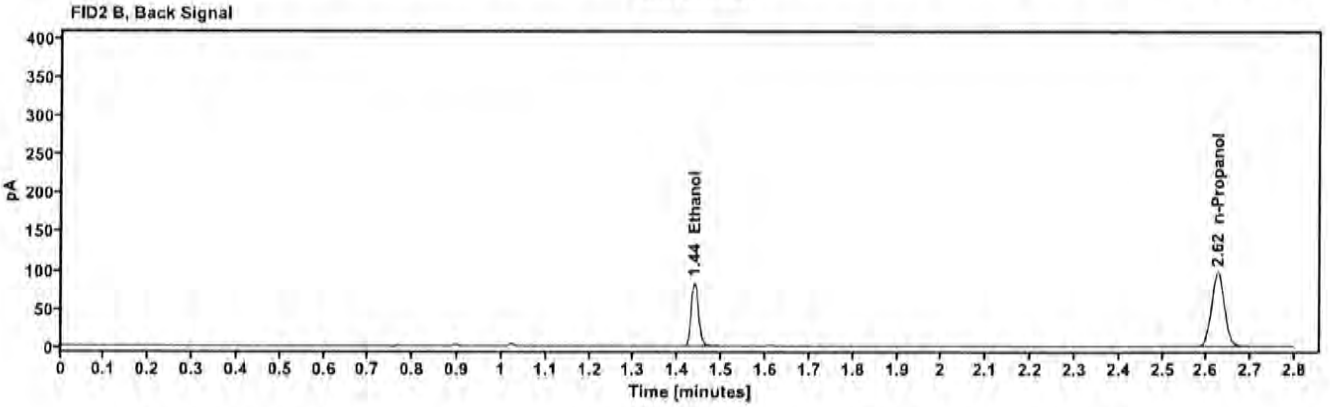

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1322	1.293	96.514
n-Propanol	----	2.165	193.026

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

Compound	Time (min)	Peak Area
Ethanol	1.438	100.064
n-Propanol	2.625	200.023

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2619145-2	**Vial:**	11
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:07:43 PM
Data file:	C:\Chem32\1\Data\27Oct26\11.D	**Analyst:**	Canonico

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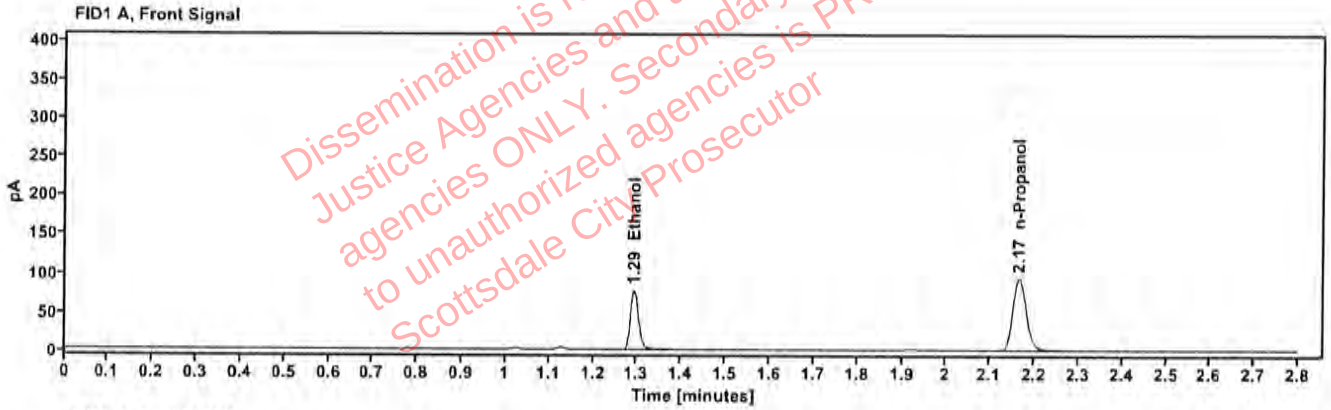

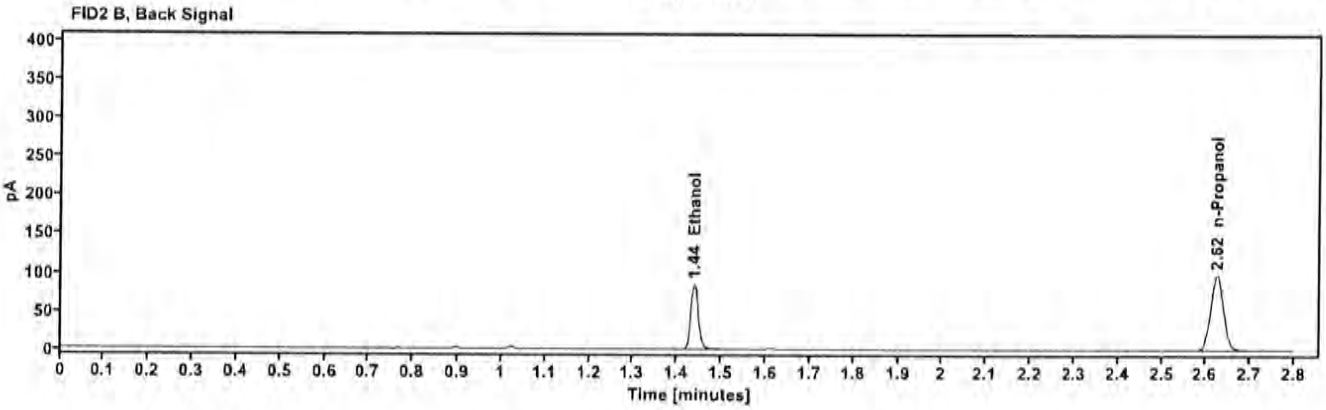

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1334	1.293	98.032
n-Propanol	------	2.165	194.365

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

Compound	Time (min)	Peak Area
Ethanol	1.438	101.402
n-Propanol	2.625	201.585

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	453-01D.S.	**Vial:**	12
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:11:31 PM
Data file:	C:\Chem32\1\Data\27Oct26\12.D	**Analyst:**	Canonico

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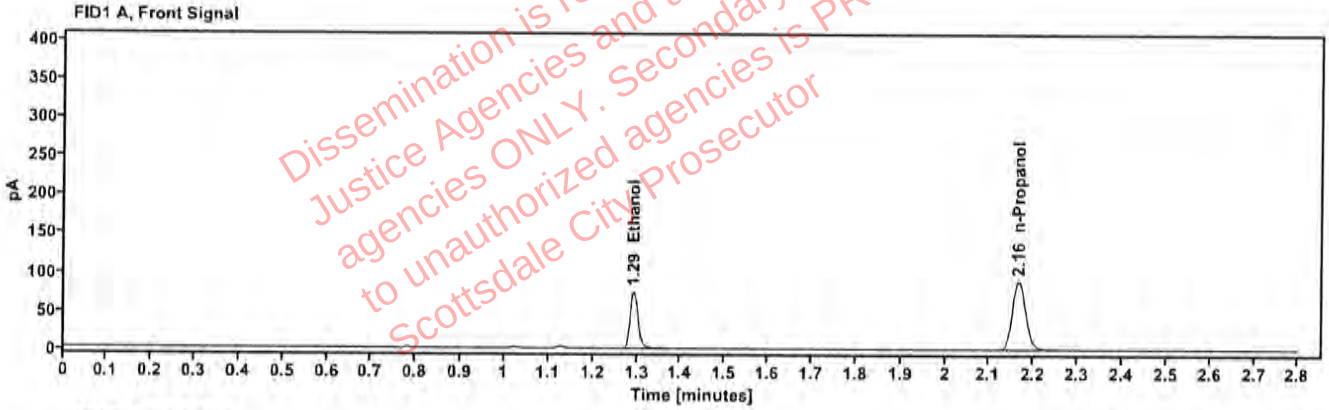

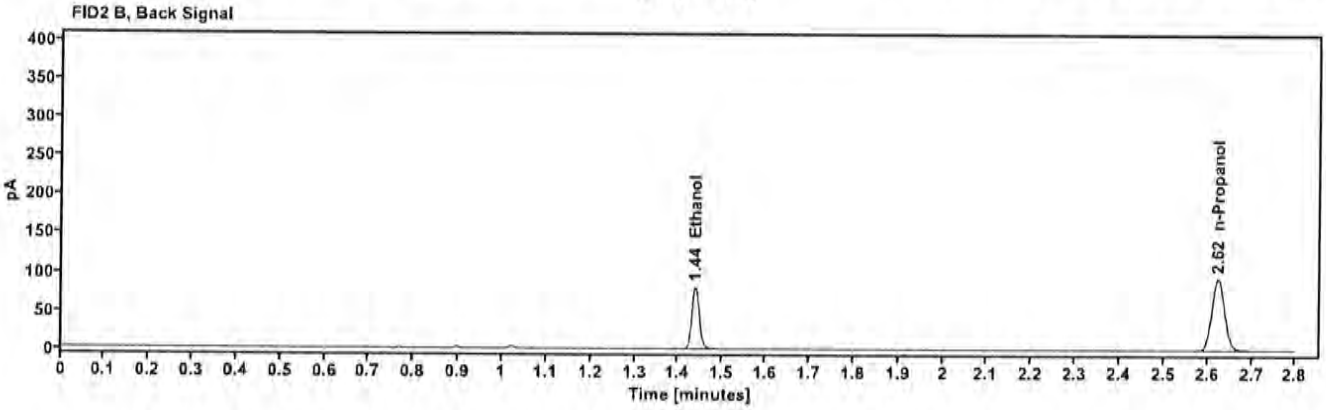

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1341	1.292	93.988
n-Propanol	——	2.165	185.378

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

Compound	Time (min)	Peak Area
Ethanol	1.437	97.196
n-Propanol	2.624	191.685

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	453-01D.S.	**Vial:**	13
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:16:31 PM
Data file:	C:\Chem32\1\Data\27Oct26\13.D	**Analyst:**	Canonico

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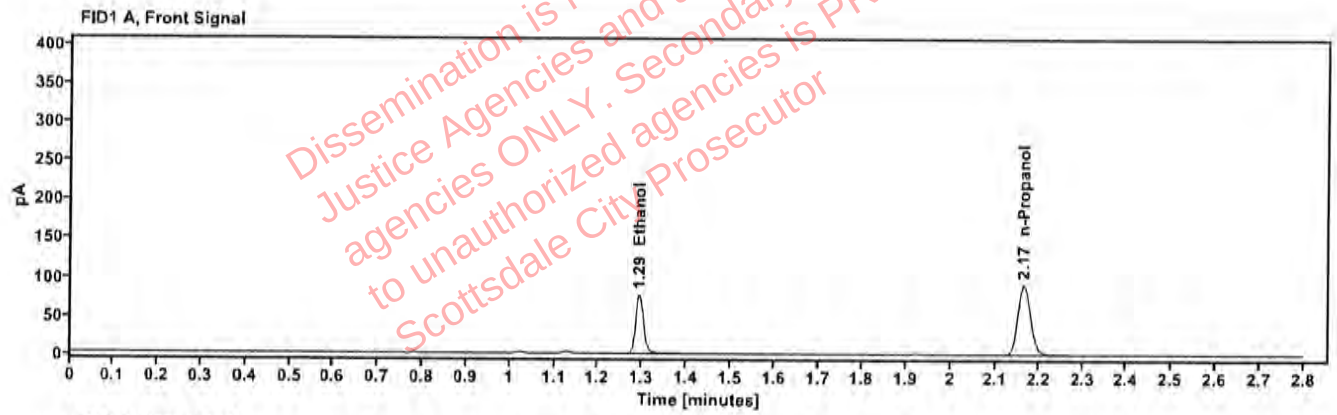

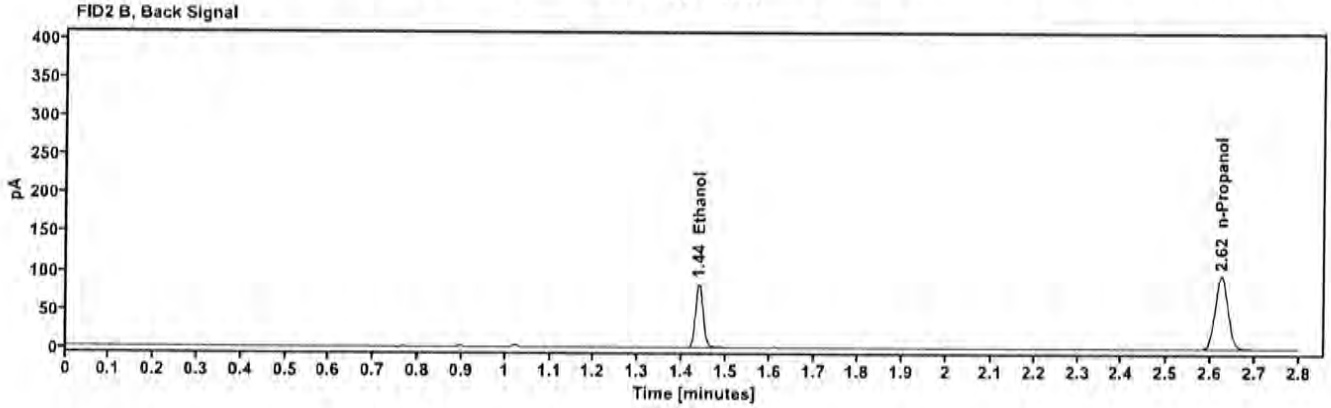

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1358	1.293	97.187
n-Propanol	——	2.165	189.265

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

Compound	Time (min)	Peak Area
Ethanol	1.438	100.411
n-Propanol	2.624	195.753

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2607013-2	**Vial:**	14
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:20:19 PM
Data file:	C:\Chem32\1\Data\27Oct26\14.D	**Analyst:**	Canonico

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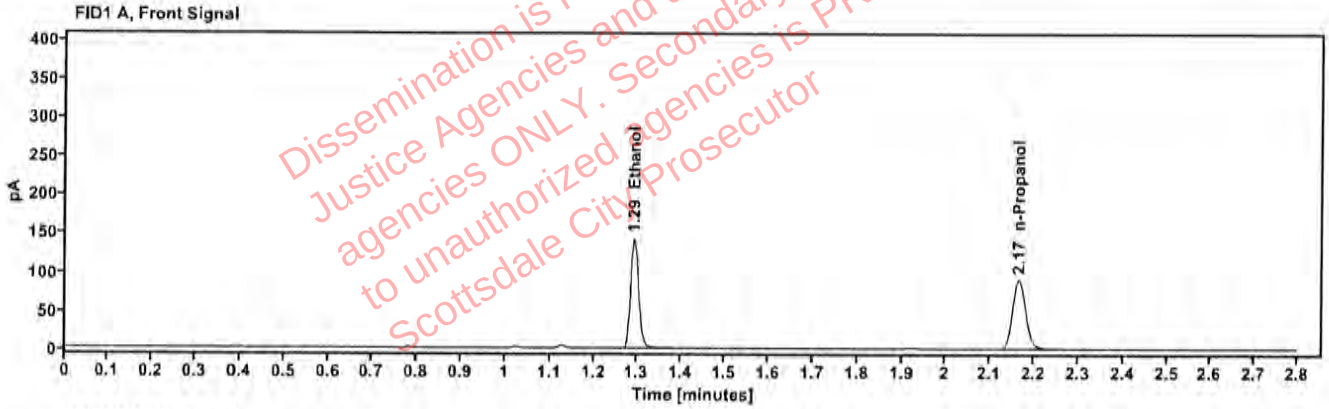

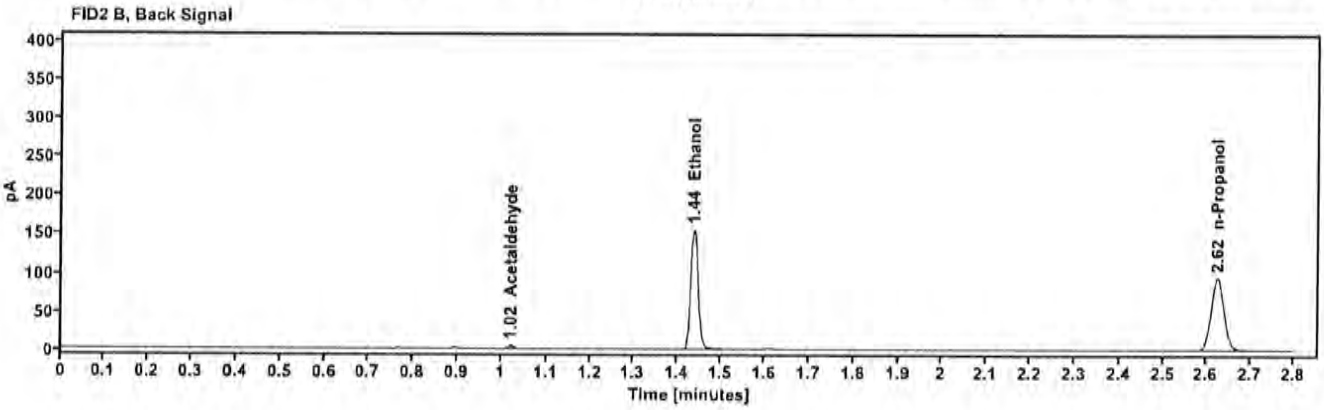

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2565	1.292	181.310
n-Propanol	----	2.165	187.637

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.021	3.848
Ethanol	1.438	187.789
n-Propanol	2.624	194.243

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2607013-2	**Vial:**	15
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:24:07 PM
Data file:	C:\Chem32\1\Data\27Oct26\15.D	**Analyst:**	Canonico

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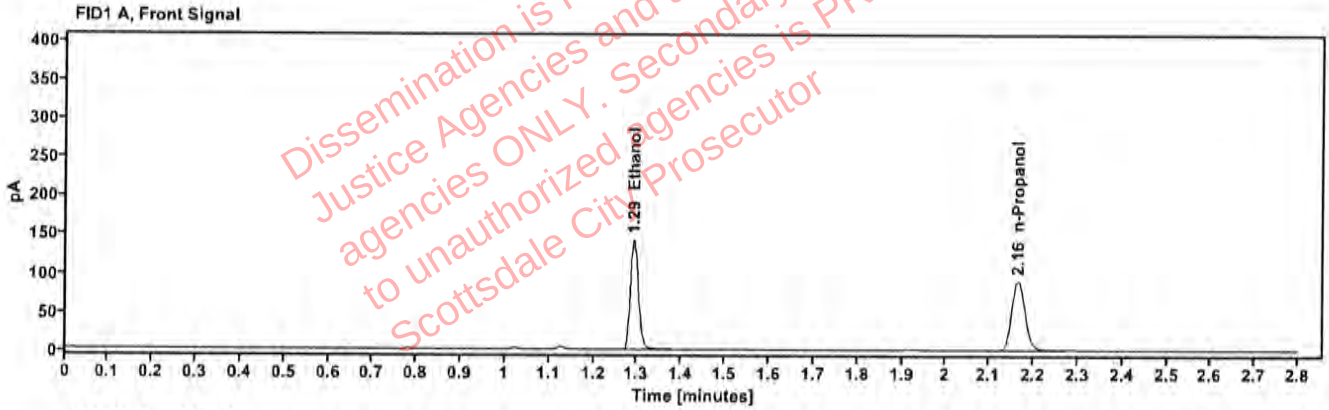

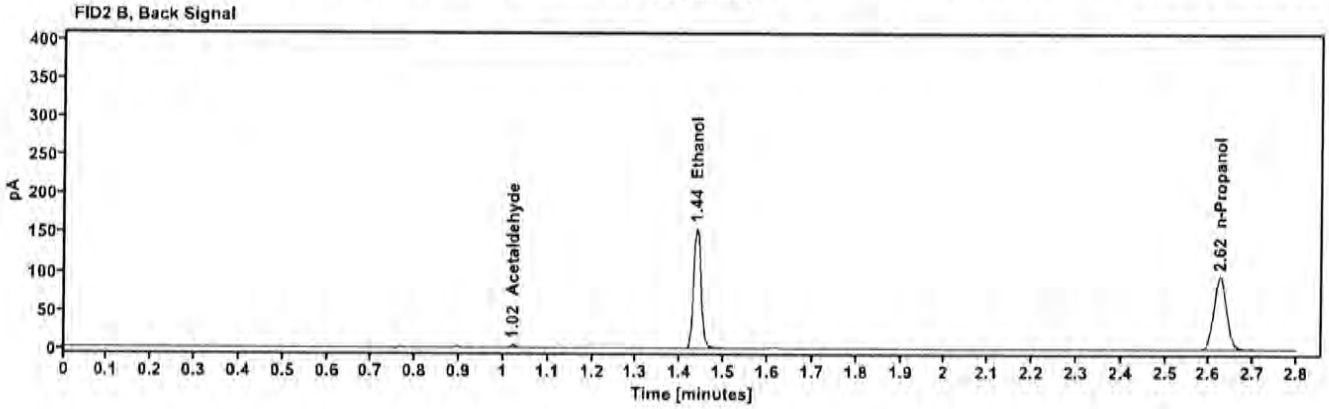

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2558	1.292	181.644
n-Propanol	——	2.165	188.483

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.021	3.839
Ethanol	1.437	188.113
n-Propanol	2.624	195.065

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621116-2	**Vial:**	16
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:27:55 PM
Data file:	C:\Chem32\1\Data\27Oct26\16.D	**Analyst:**	Canonico

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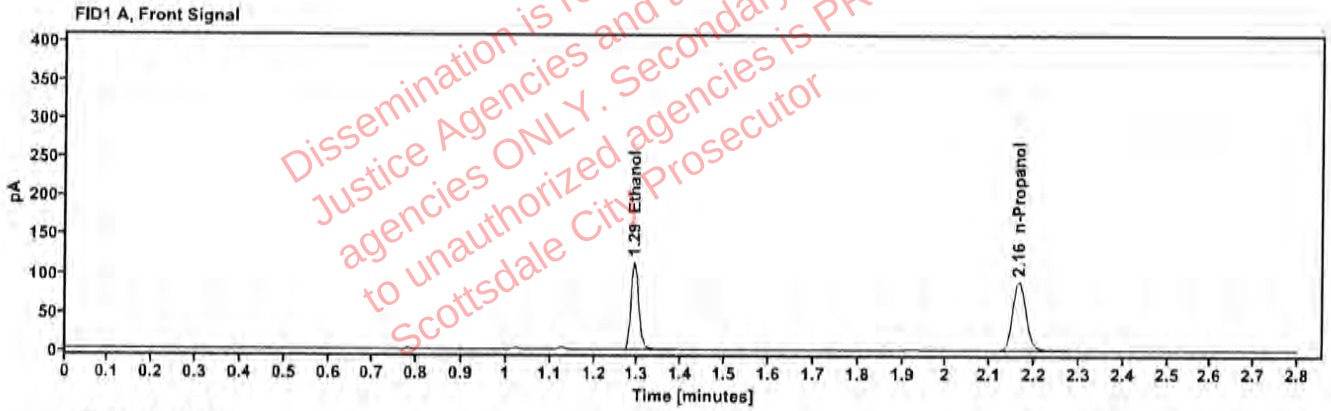

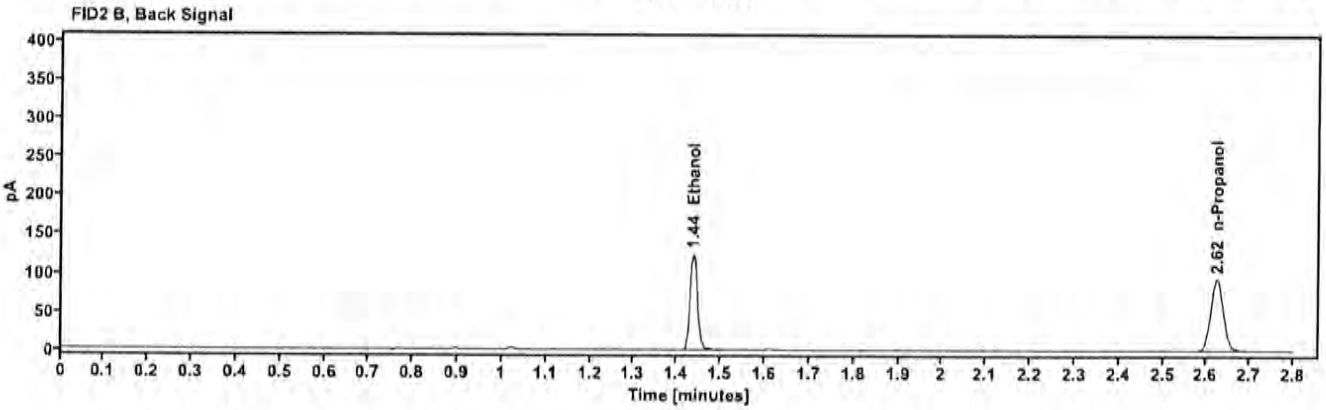

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2059	1.292	144,493
n-Propanol	-----	2.165	186,089

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

Compound	Time (min)	Peak Area
Ethanol	1.437	149,670
n-Propanol	2.624	192,369

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621116-2	**Vial:**	17
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:31:43 PM
Data file:	C:\Chem32\1\Data\27Oct26\17.D	**Analyst:**	Canonico

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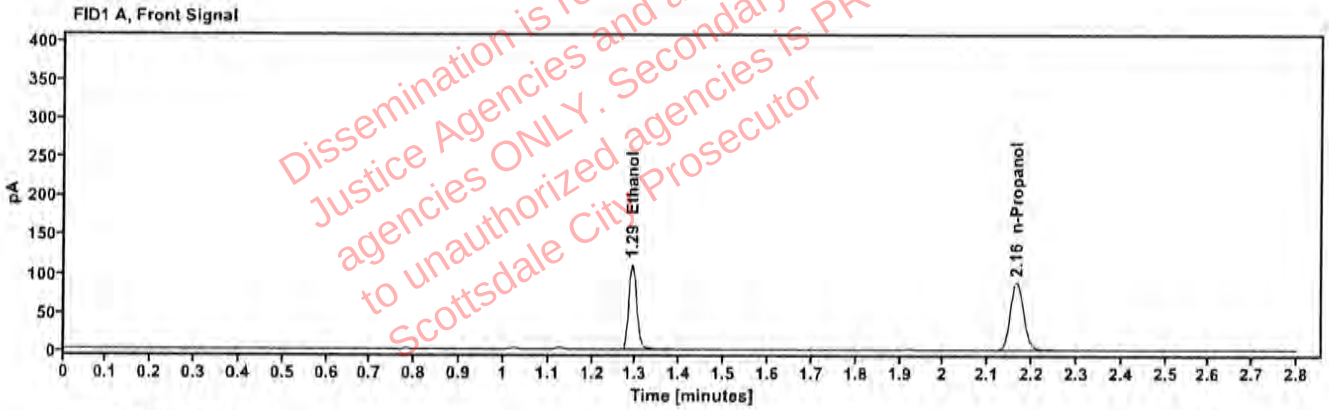

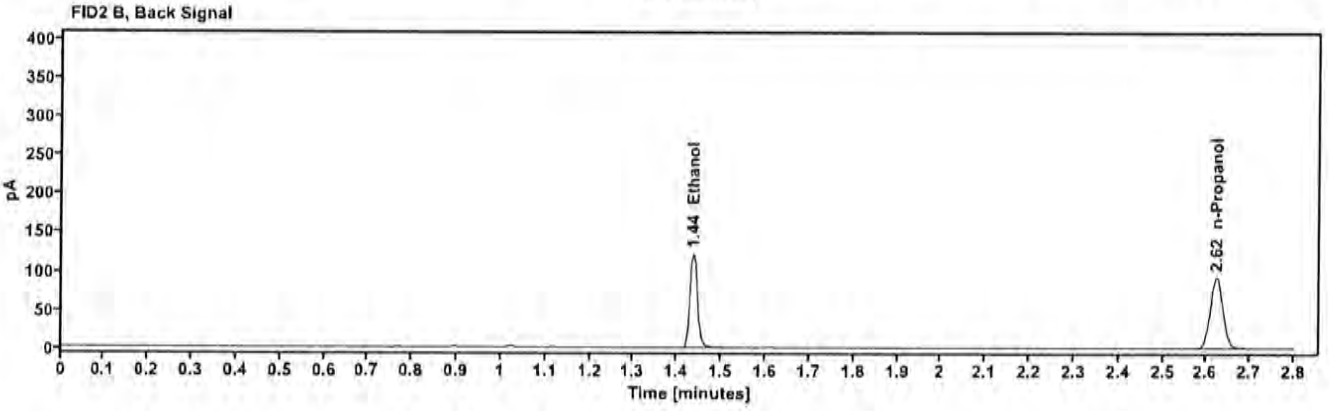

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2049	1.291	142.280
n-Propanol	——	2.165	184.159

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

Compound	Time (min)	Peak Area
Ethanol	1.437	147.220
n-Propanol	2.623	190.523

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621332-1	**Vial:**	18
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:35:31 PM
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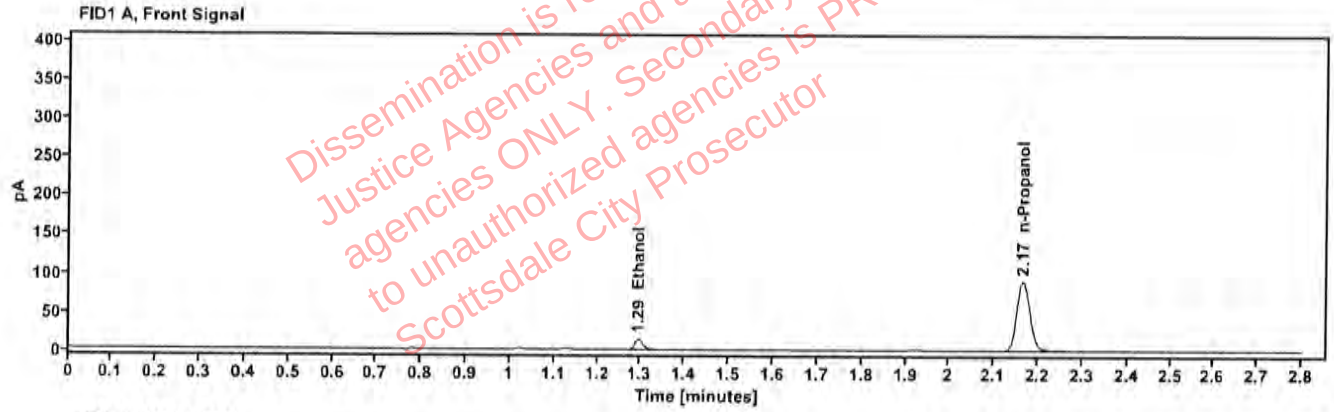

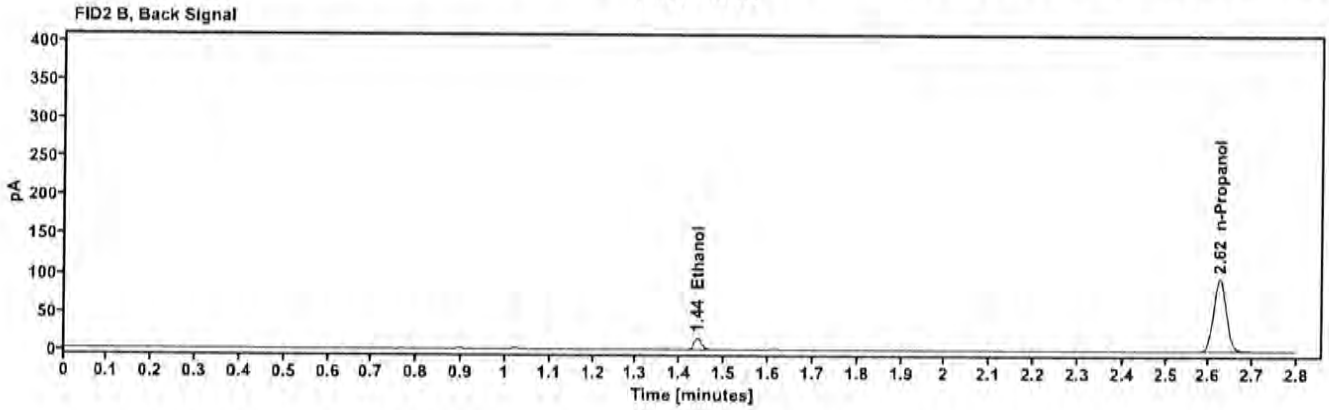

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0241	1.295	17.758
n-Propanol	----	2.165	188.361

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

Compound	Time (min)	Peak Area
Ethanol	1.439	18.708
n-Propanol	2.624	195.227

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621332-1	**Vial:**	19
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:40:31 PM
Data file:	C:\Chem32\1\Data\27Oct26\19.D	**Analyst:**	Canonico

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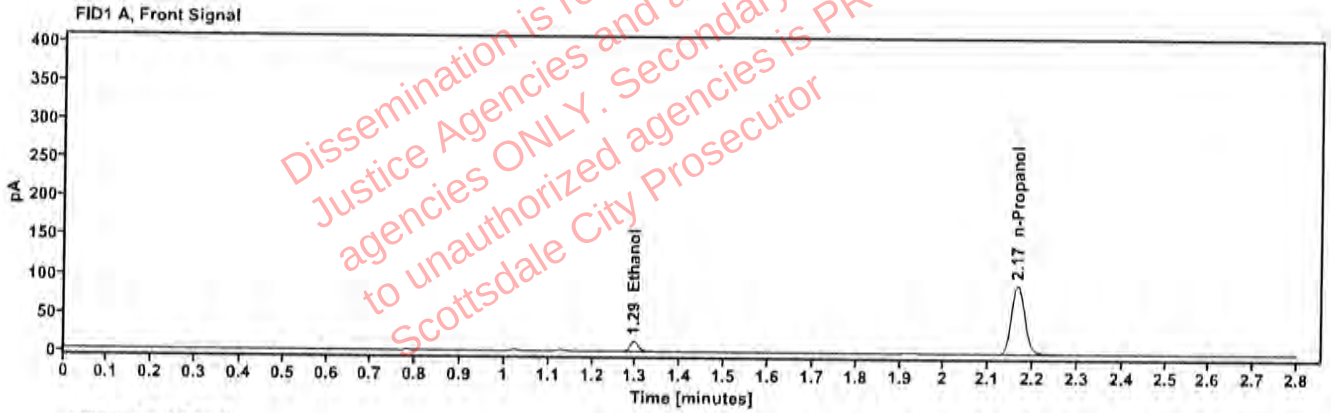

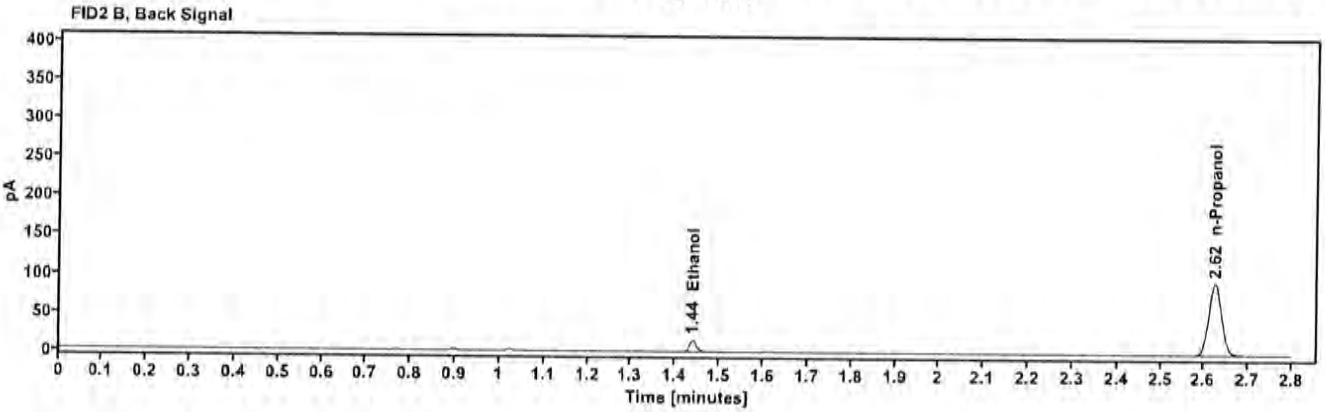

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0241	1.295	17.502
n-Propanol	----	2.165	186.043

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

Compound	Time (min)	Peak Area
Ethanol	1.439	18.382
n-Propanol	2.624	192.784

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2618140-2	**Vial:**	21
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:48:07 PM
Data file:	C:\Chem32\1\Data\27Oct26\21.D	**Analyst:**	Canonico

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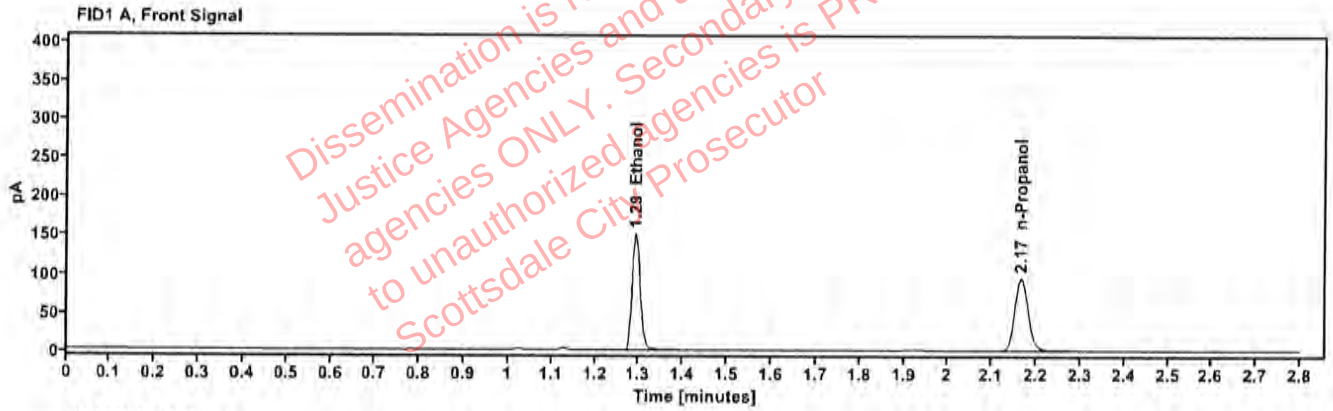

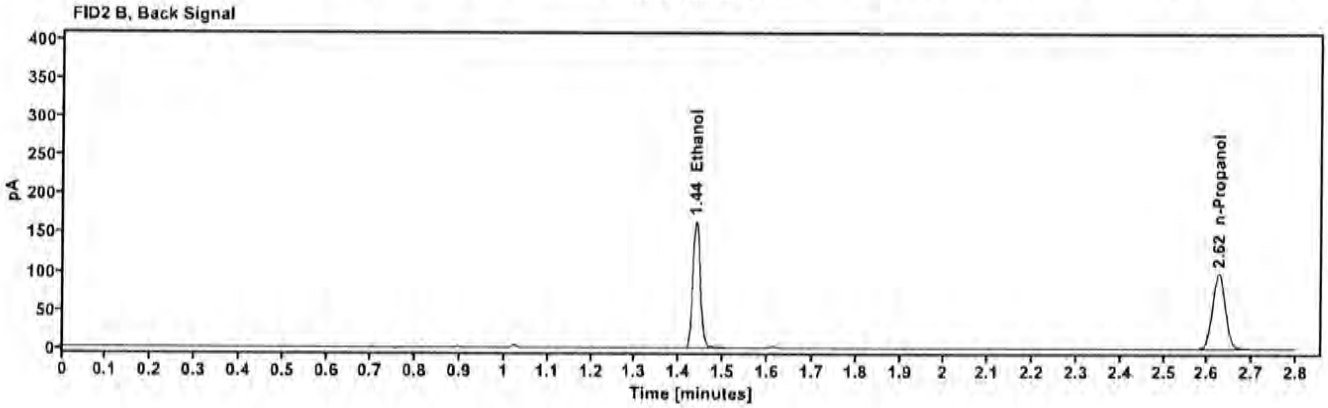

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2599	1.292	191.724
n-Propanol	——	2.165	195.801

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

Compound	Time (min)	Peak Area
Ethanol	1.438	199.034
n-Propanol	2.625	202.082

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2618140-2	**Vial:**	22
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:51:54 PM
Data file:	C:\Chem32\1\Data\27Oct26\22.D	**Analyst:**	Canonico

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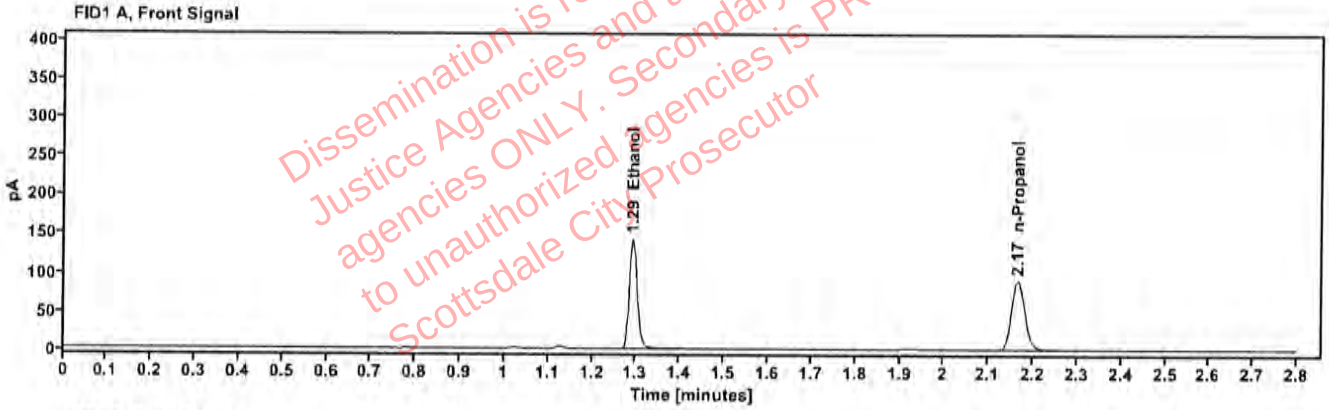

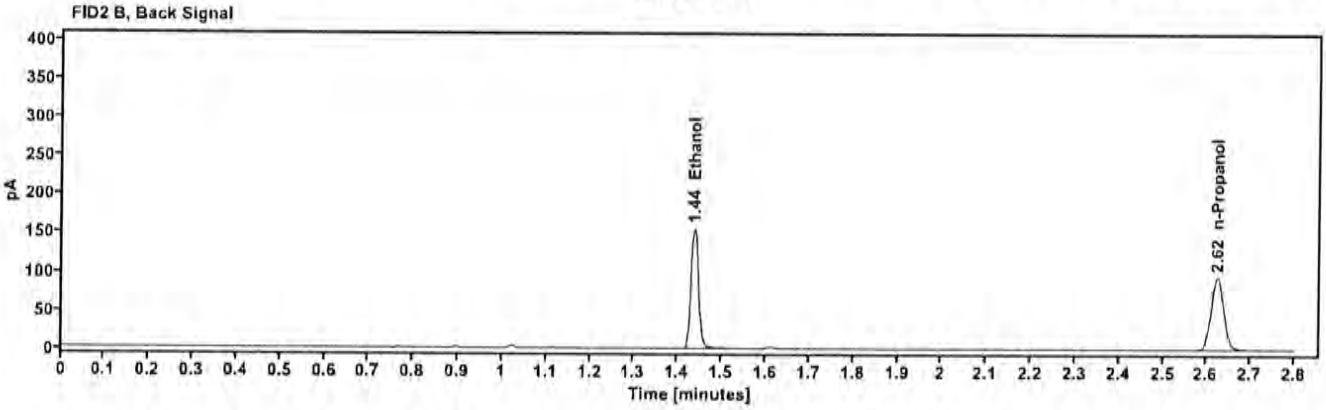

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2576	1.292	181.211
n-Propanol	——	2.165	186.725

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

Compound	Time (min)	Peak Area
Ethanol	1.438	187.532
n-Propanol	2.624	192.829

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621579-1	**Vial:**	23
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:55:43 PM
Data file:	C:\Chem32\1\Data\27Oct26\23.D	**Analyst:**	Canonico

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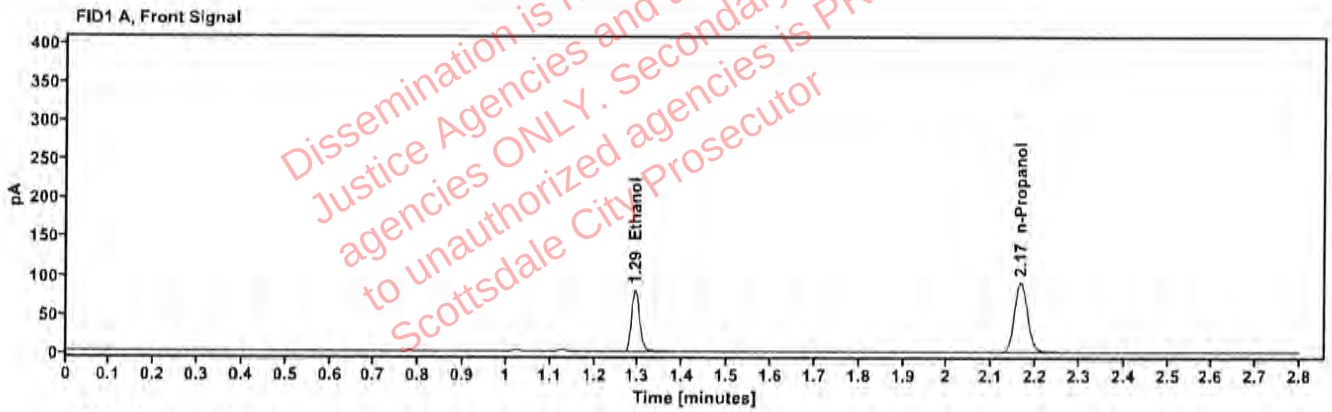

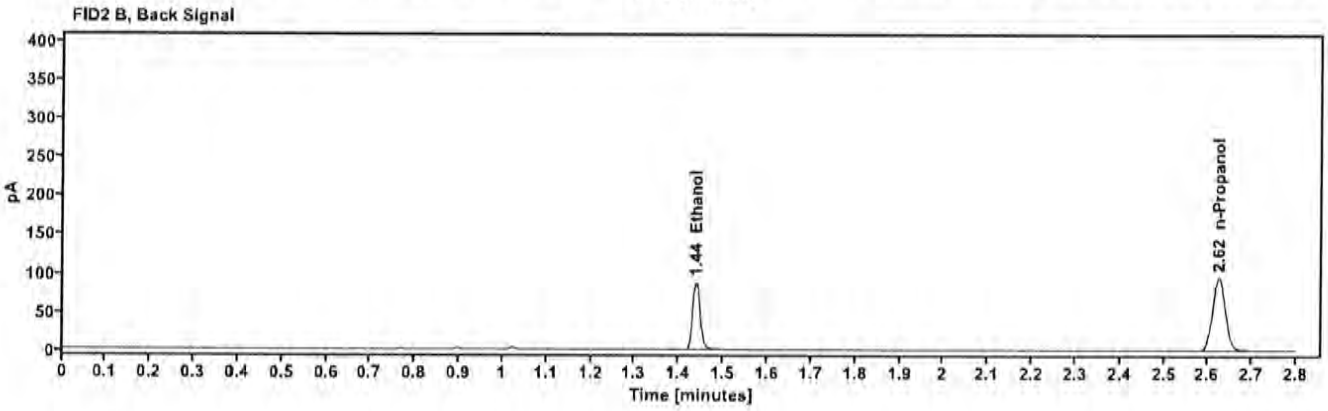

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1428	1.293	101.886
n-Propanol	——	2.165	188.815

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

Compound	Time (min)	Peak Area
Ethanol	1.438	105.411
n-Propanol	2.624	195.663

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621579-1	**Vial:**	24
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 1:59:31 PM
Data file:	C:\Chem32\1\Data\27Oct26\24.D	**Analyst:**	Canonico

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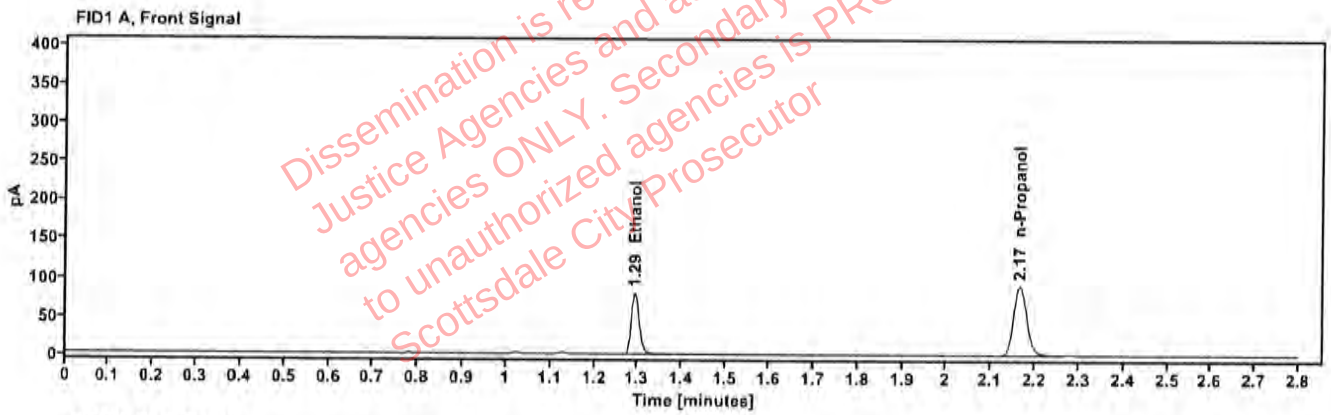

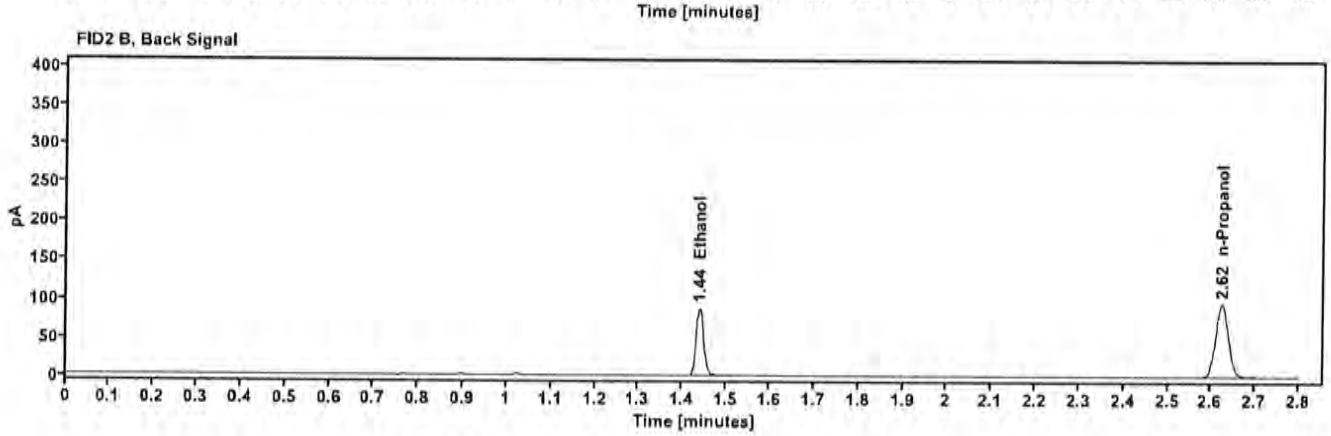

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1430	1.293	102.005
n-Propanol	——	2.165	188.821

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

Compound	Time (min)	Peak Area
Ethanol	1.438	105.487
n-Propanol	2.625	195.594

[redacted] Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621650-8	**Vial:**	25
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:04:31 PM
Data file:	C:\Chem32\1\Data\27Oct26\25.D	**Analyst:**	Canonico

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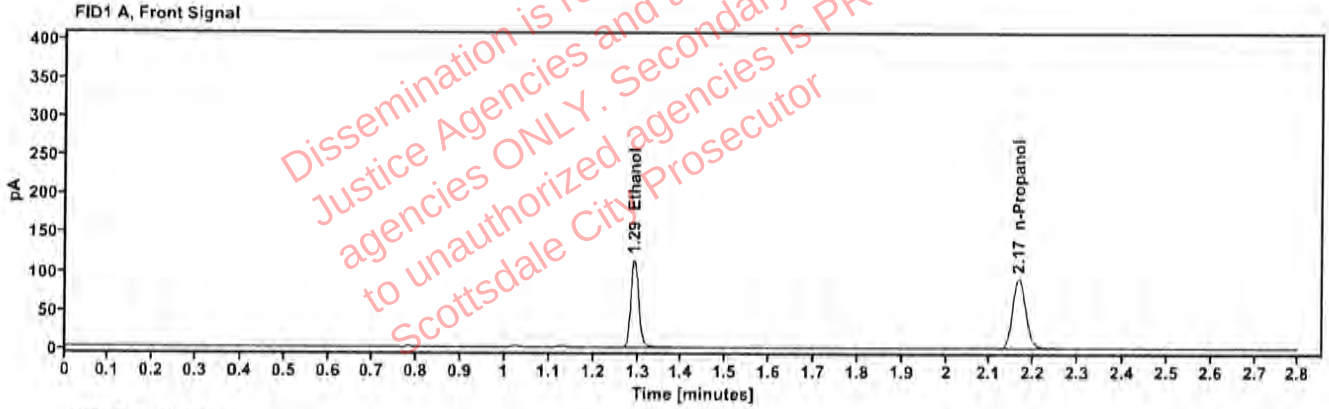

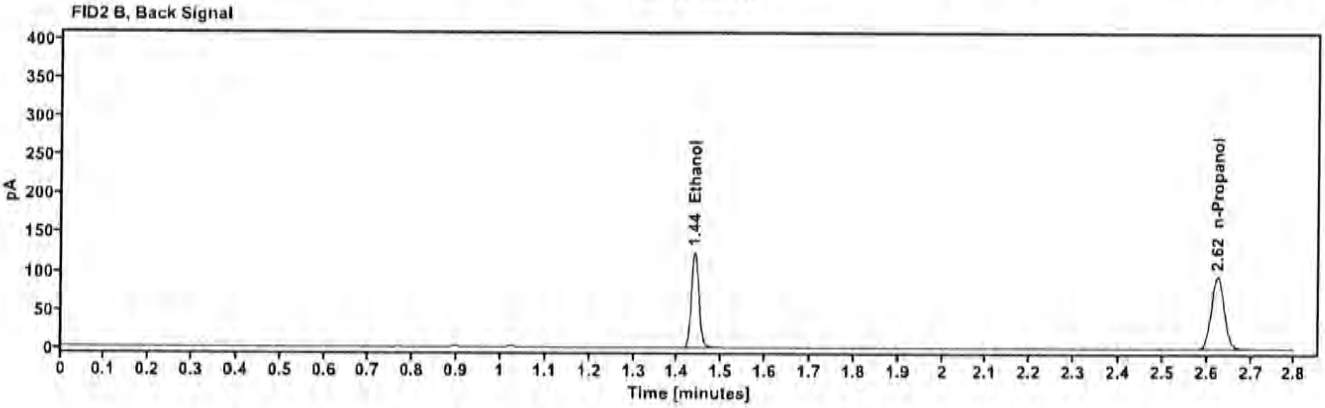

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2042	1.292	144.757
n-Propanol	-----	2.165	187.999

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

Compound	Time (min)	Peak Area
Ethanol	1.438	149.769
n-Propanol	2.624	194.740

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621650-8	**Vial:**	26
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:08:19 PM
Data file:	C:\Chem32\1\Data\27Oct26\26.D	**Analyst:**	Canonico

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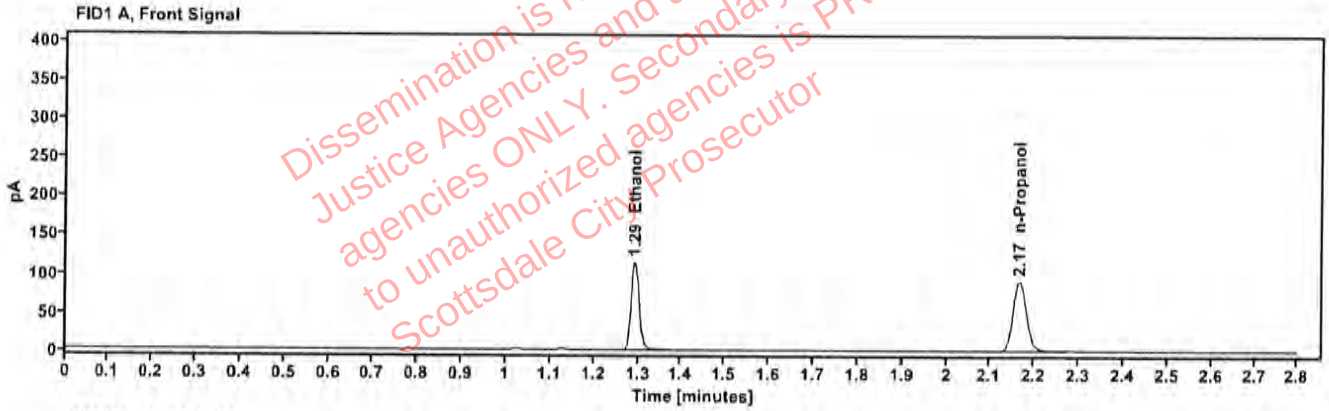

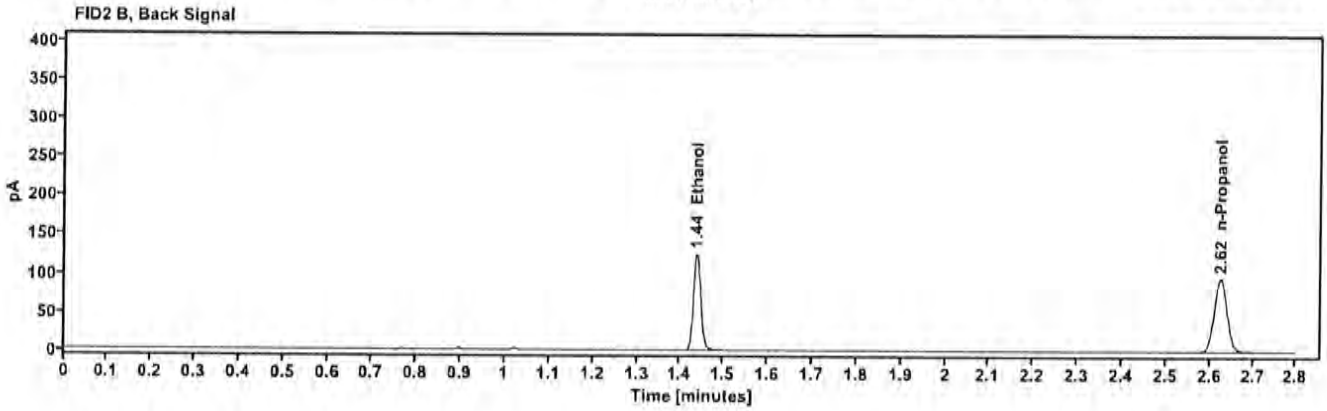

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2043	1.292	145.453
n-Propanol	——	2.165	188.768

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

Compound	Time (min)	Peak Area
Ethanol	1.438	150.535
n-Propanol	2.624	195.514

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621653-1	**Vial:**	27
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:12:07 PM
Data file:	C:\Chem32\1\Data\27Oct26\27.D	**Analyst:**	Canonico

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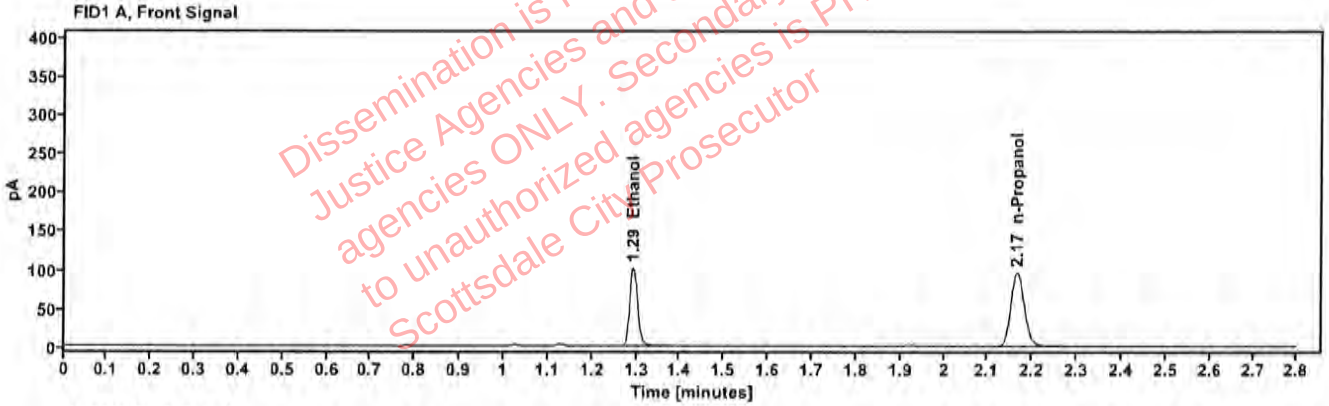

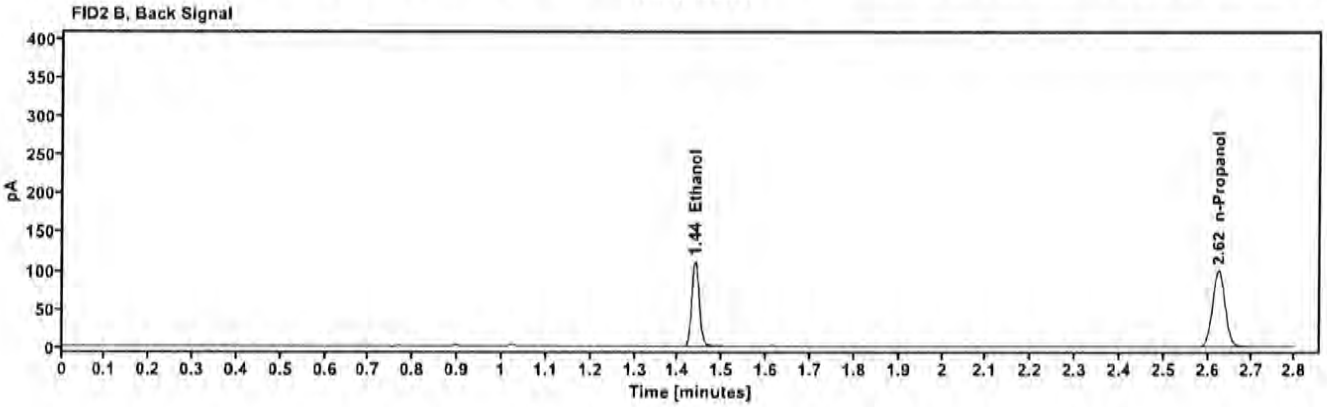

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1730	1.292	128.920
n-Propanol	——	2.165	197.494

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

Compound	Time (min)	Peak Area
Ethanol	1.438	133.457
n-Propanol	2.625	204.342

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621653-1	**Vial:**	28
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
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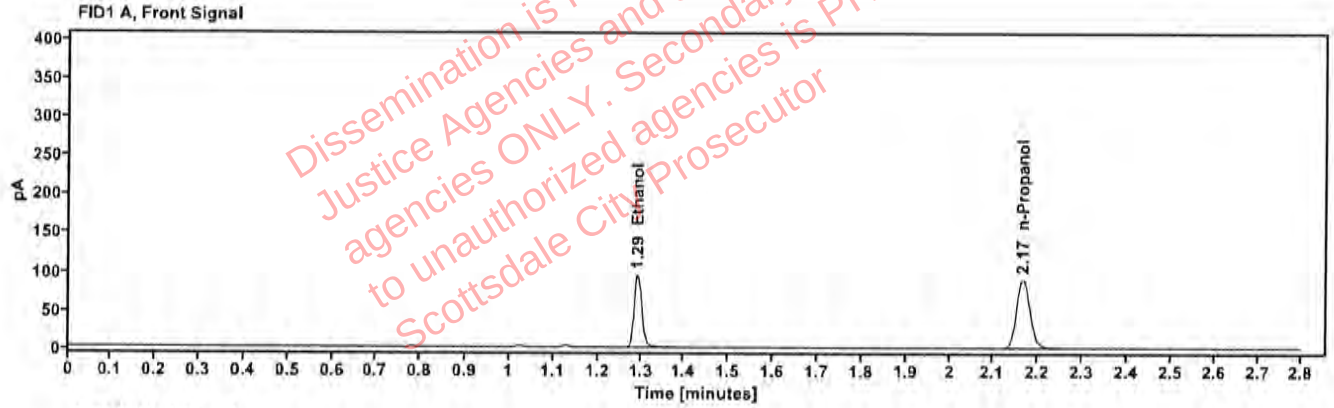

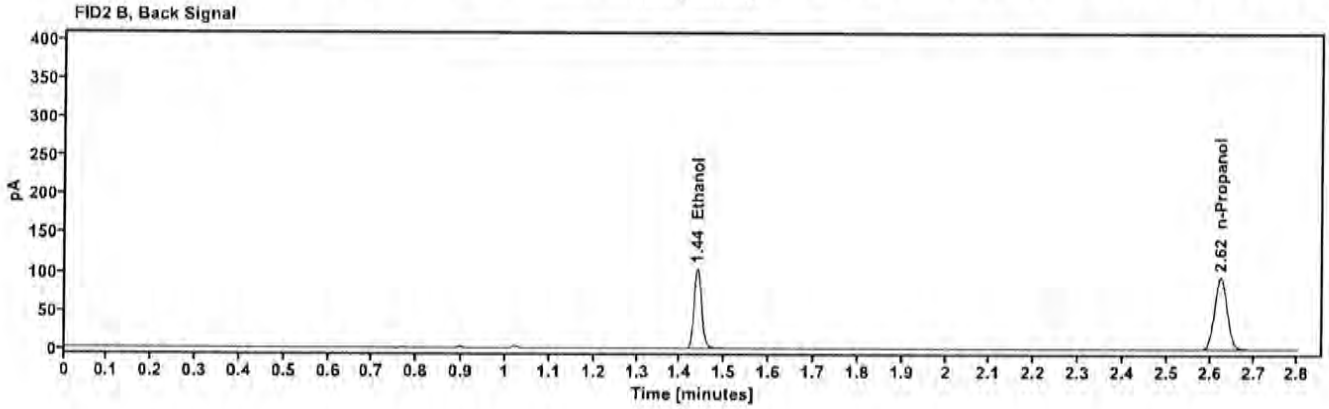

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1703	1.292	120.179
n-Propanol	------	2.165	186.932

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

Compound	Time (min)	Peak Area
Ethanol	1.438	124.465
n-Propanol	2.624	193.422

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621690-2	**Vial:**	29
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:19:43 PM
Data file:	C:\Chem32\1\Data\27Oct26\29.D	**Analyst:**	Canonico

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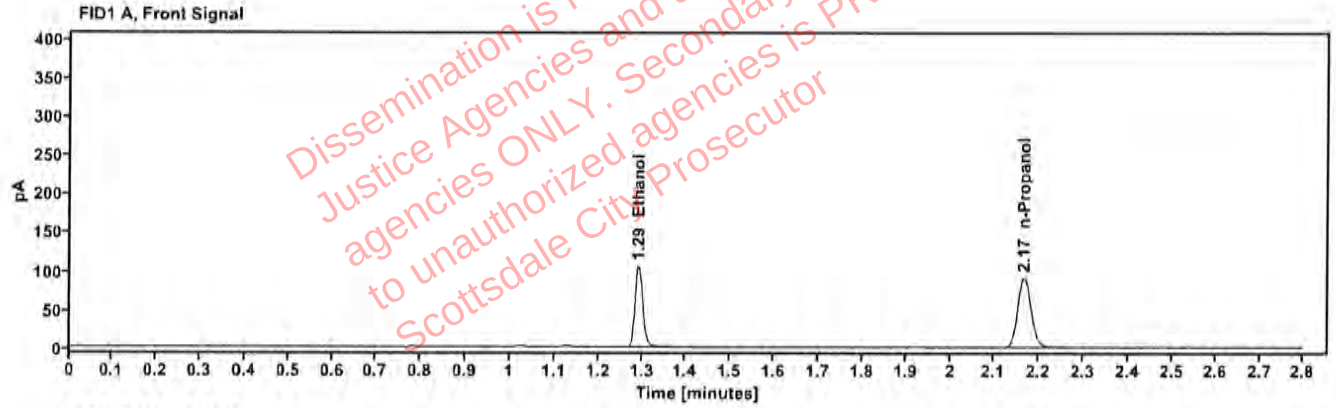

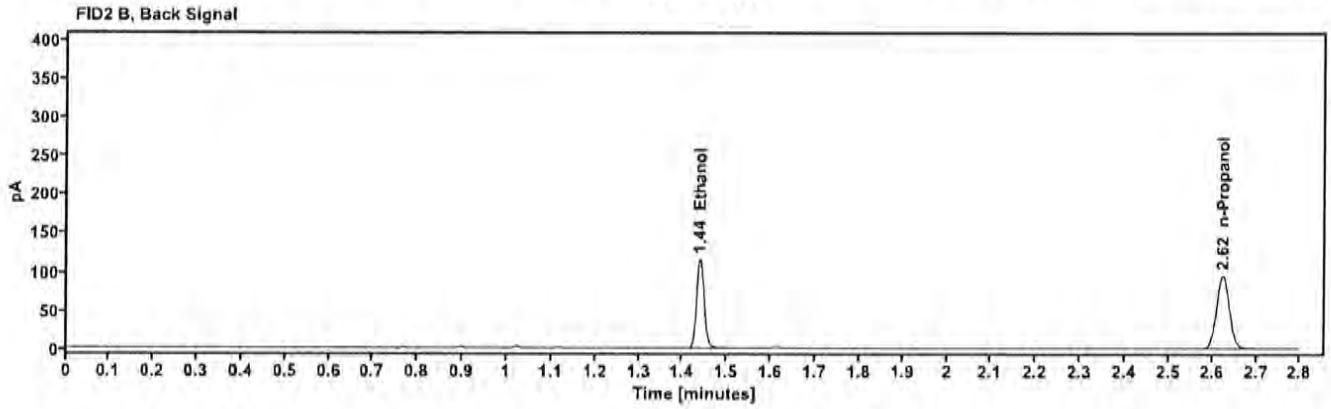

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1886	1.292	133.958
n-Propanol	——	2.165	188.327

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

Compound	Time (min)	Peak Area
Ethanol	1.438	138.658
n-Propanol	2.624	194.871

[redacted]: Canonico, Erika - (10-28-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621690-2	**Vial:**	30
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	27Oct26
Instrument:	US2320A024 US23180007	**Injection date:**	10/27/2026 2:23:30 PM
Data file:	C:\Chem32\1\Data\27Oct26\30.D	**Analyst:**	Canonico

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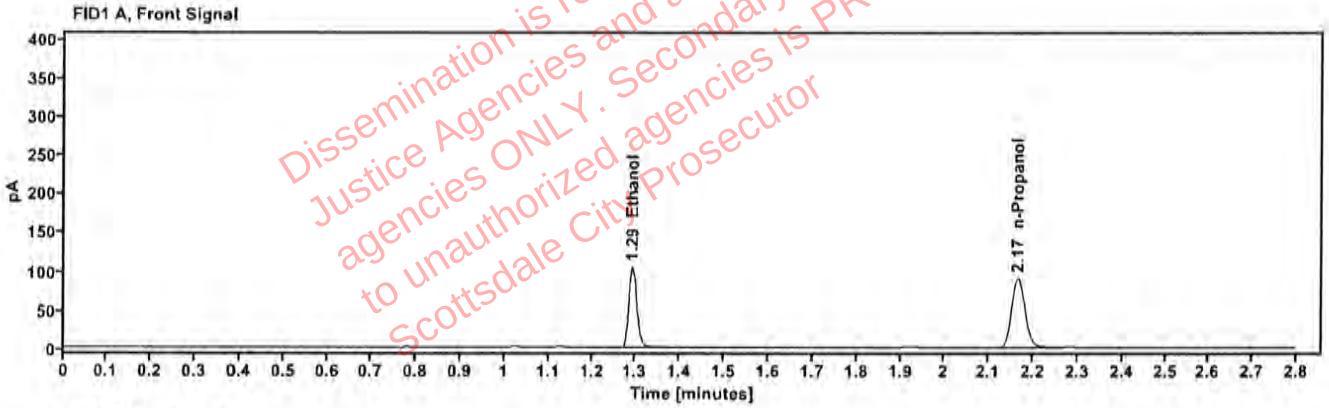

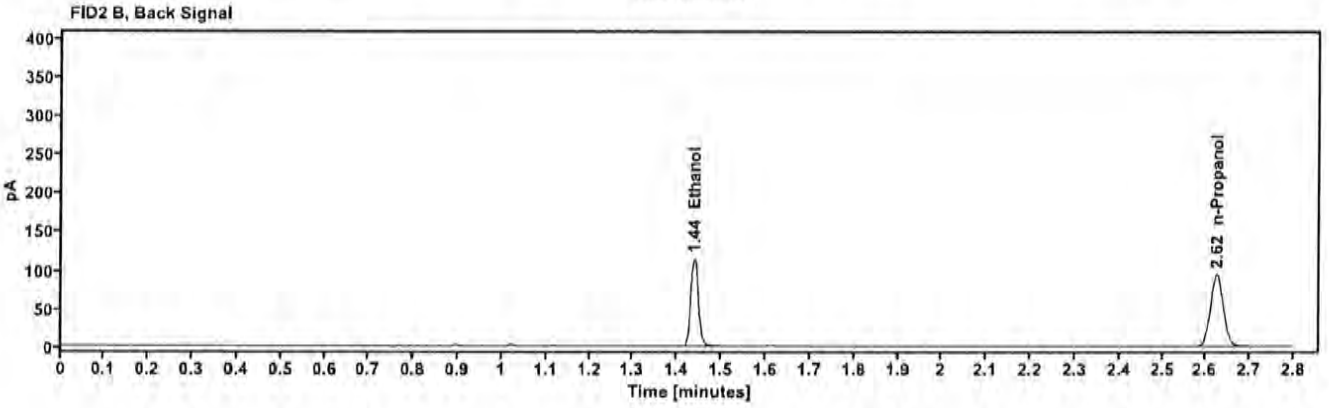

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1886	1.292	133.221
n-Propanol	----	2.165	187.195

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

Compound	Time (min)	Peak Area
Ethanol	1.438	137.862
n-Propanol	2.624	193.848