SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/03/26 SEQUENCE NAME 03Nov26

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

Vial 3 0.20 calibrator Lot FN07012401

Vial 4 0.40 calibrator Lot FN04092401

Coefficient of determination (r^2) 0.99990

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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	0.401 g/dL	Lipomed C1475825
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 529862
9	Blood control	0.201 d/dL	0.200 g/dL	ACQ 4190425129/6
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
42	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
53	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed C1475825
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 529862
55	Blood control	0.201 g/dL	0.200 g/dL	ACQ 4190425129/6
56	Blank	Not detected	Not detected	SPD lab 092926AQ

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: **All testing proceeded as expected.**

Run valid ☒
Run invalid ☐
Alexandra J Arroyo
Analyst

Run valid ☑
Run invalid ☐
Lori Abbott
Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

Sequence: 03Nov26 **Analyst: Arroyo**

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	0.401	0.400	0.25	0.001
0.040 529862	8	0.041	0.040	2.50	0.001
0.201 4190425129/6	9	0.200	0.201	0.50	0.001
0.100 C1455120	20	0.101	0.100	1.00	0.001
0.100 C1455120	31	0.101	0.100	1.00	0.001
0.100 C1455120	42	0.101	0.100	1.00	0.001
0.400 C1475825	53	0.400	0.400	0.00	0.000
0.040 529862	54	0.041	0.040	2.50	0.001
0.201 4190425129/6	55	0.200	0.201	0.50	0.001
blank 092926AQ	56	negative	negative	-	-

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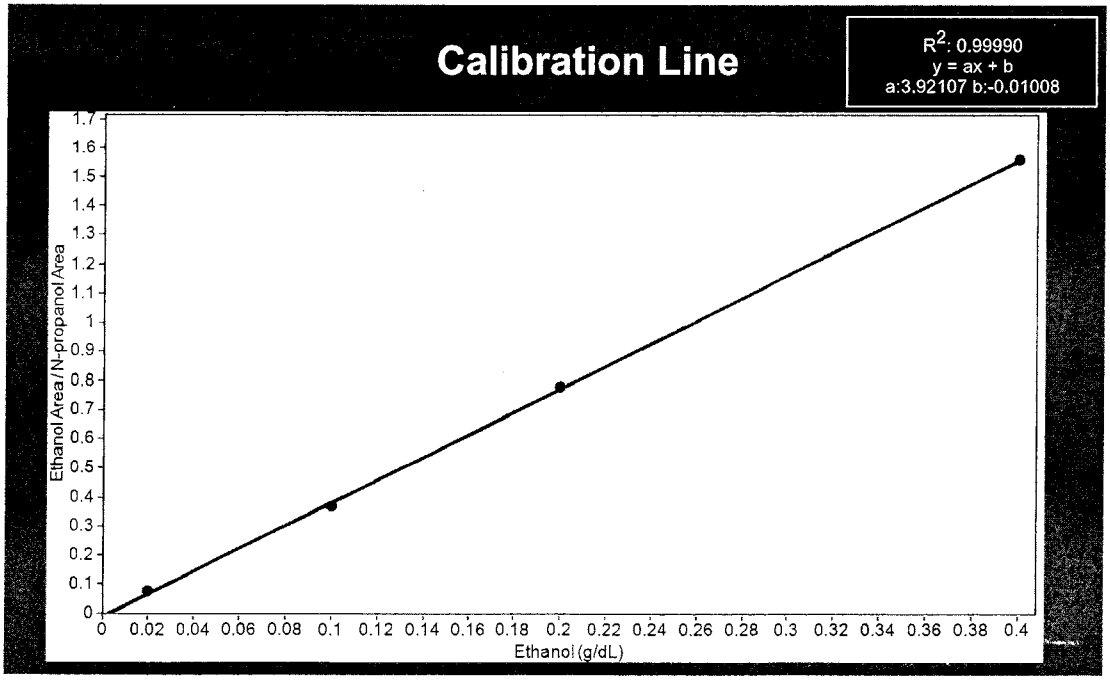
Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	15.522	203.610	0.076
0.100	66.910	181.114	0.369
0.200	158.572	203.810	0.778
0.400	314.767	201.883	1.559



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03062417	**Vial:**	1
Description:	0.020 Calibrator	**Sequence:**	03Nov26
Method:	ethanol quant.M	**Injection date:**	11/3/2026 10:17:51 AM
Instrument:	US2320A024 US23180007	**Analyst:**	Arroyo
Data file:	C:\Chem32\1\Data\03Nov26\1.D		

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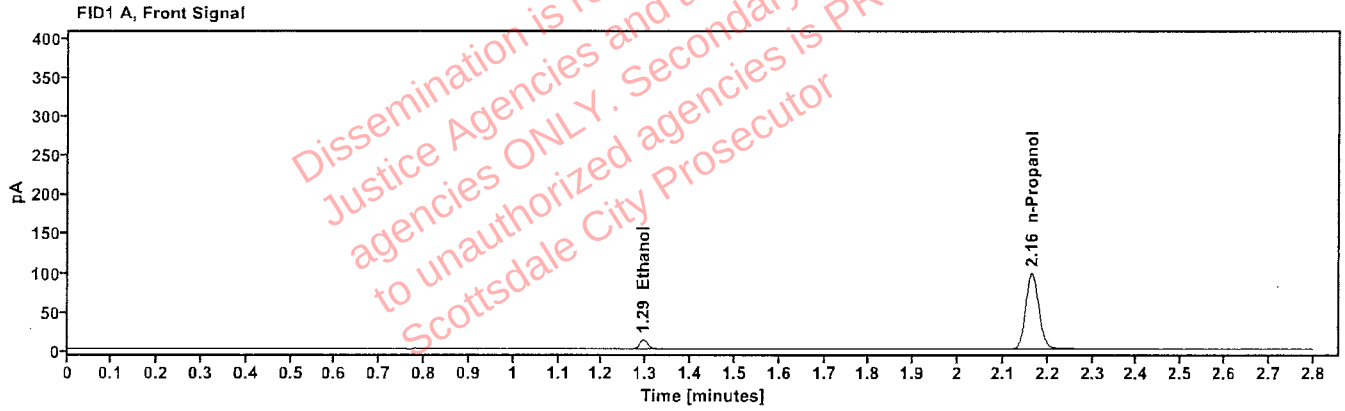

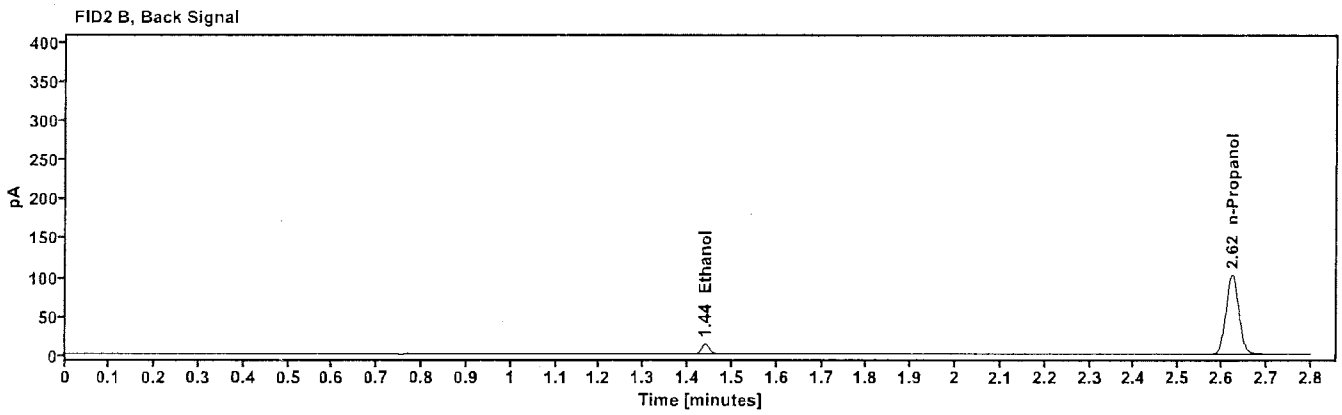

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.294	15.522
n-Propanol	2.164	203.610

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

Compound	Time (min)	Peak Area
Ethanol	1.439	16.195
n-Propanol	2.624	210.890

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04042408	**Vial:**	2
Description:	0.100 Calibrator	**Sequence:**	03Nov26
Method:	ethanol quant.M	**Injection date:**	11/3/2026 10:21:38 AM
Instrument:	US2320A024 US23180007	**Analyst:**	Arroyo
Data file:	C:\Chem32\1\Data\03Nov26\2.D		

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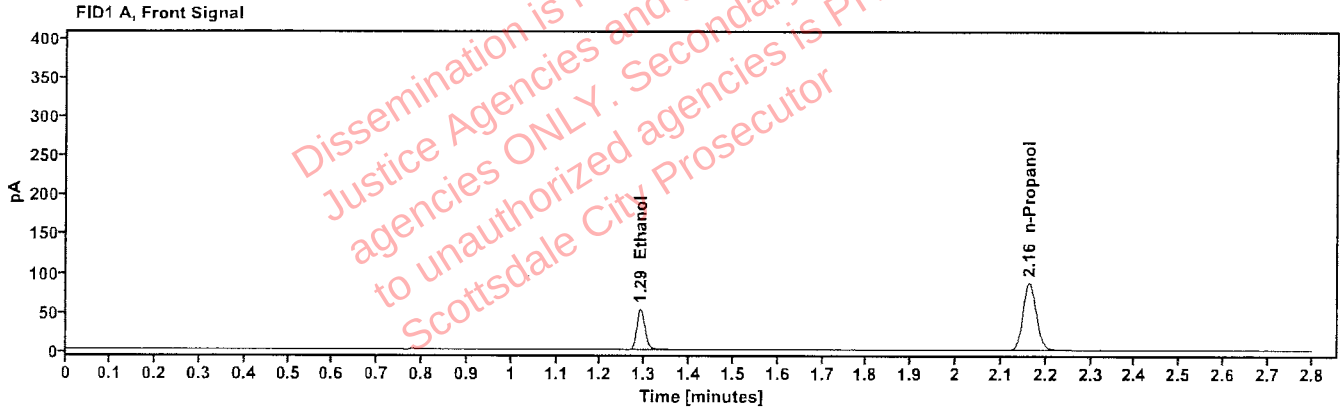

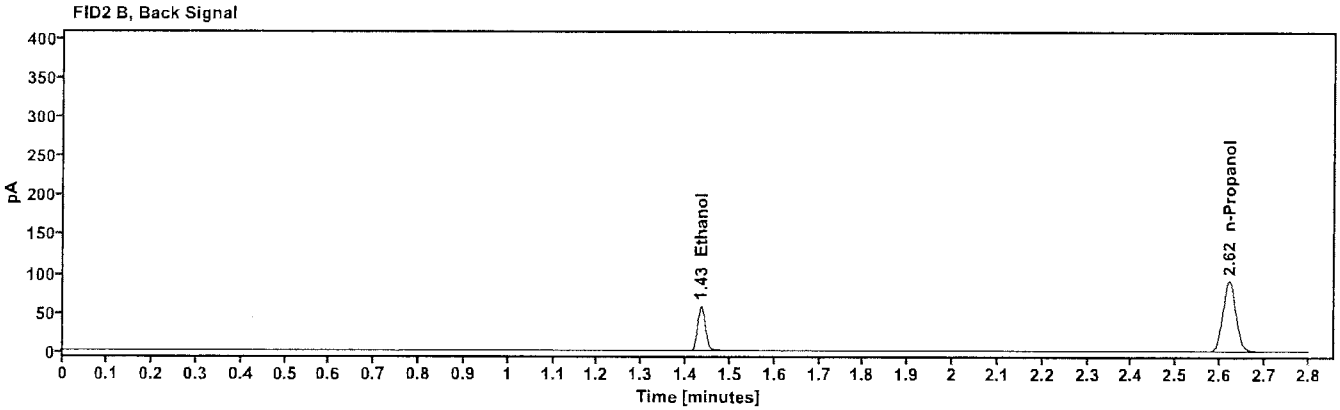

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.290	66.910
n-Propanol	2.162	181.114

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

Compound	Time (min)	Peak Area
Ethanol	1.435	69.431
n-Propanol	2.621	187.609

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN07012401	**Vial:**	3
Description:	0.200 Calibrator	**Sequence:**	03Nov26
Method:	ethanol quant.M	**Injection date:**	11/3/2026 10:25:27 AM
Instrument:	US2320A024 US23180007	**Analyst:**	Arroyo aja
Data file:	C:\Chem32\1\Data\03Nov26\3.D		

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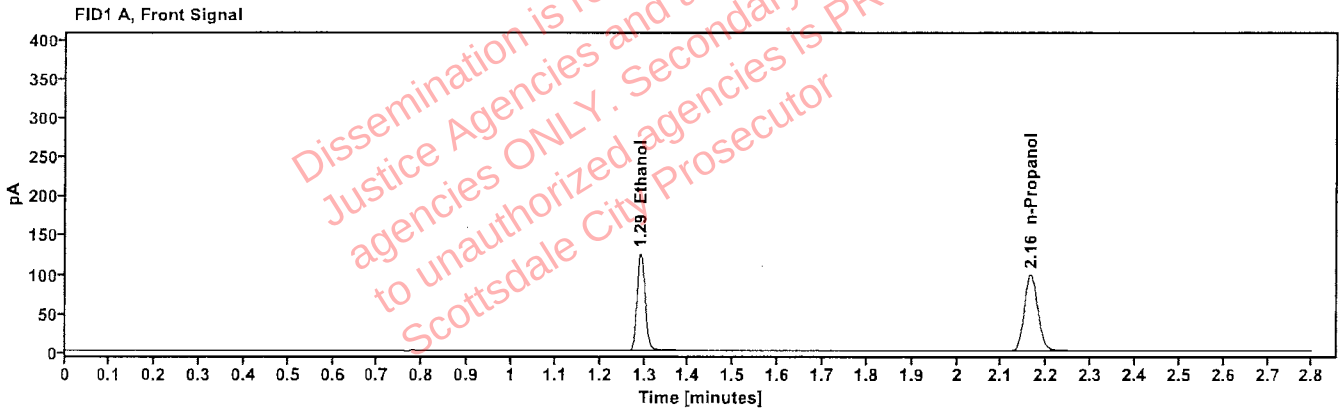

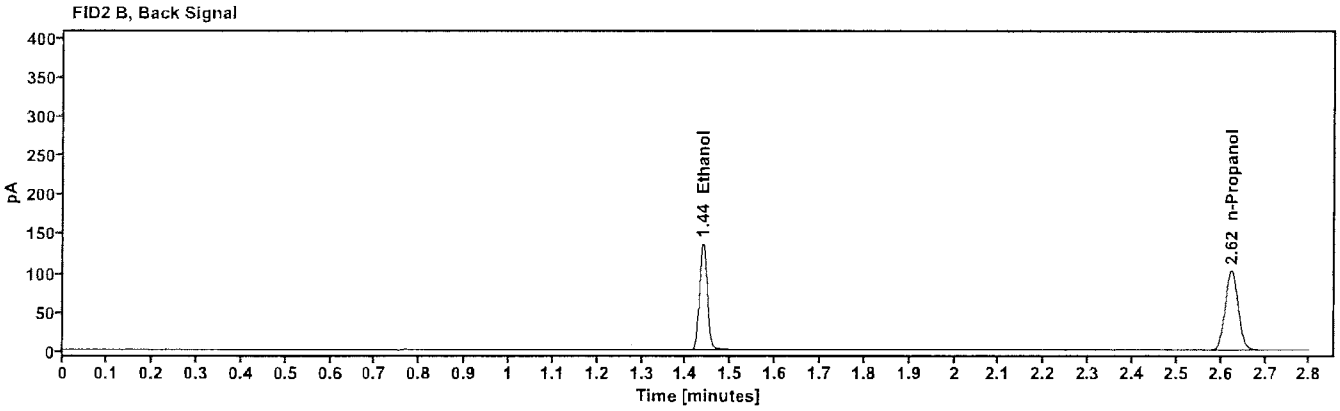

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.291	158.572
n-Propanol	2.164	203.810

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

Compound	Time (min)	Peak Area
Ethanol	1.437	164.355
n-Propanol	2.624	211.156

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04092401	**Vial:**	4
Description:	0.400 Calibrator	**Sequence:**	03Nov26
Method:	ethanol quant.M	**Injection date:**	11/3/2026 10:29:15 AM
Instrument:	US2320A024 US23180007	**Analyst:**	Arroyo
Data file:	C:\Chem32\1\Data\03Nov26\4.D		

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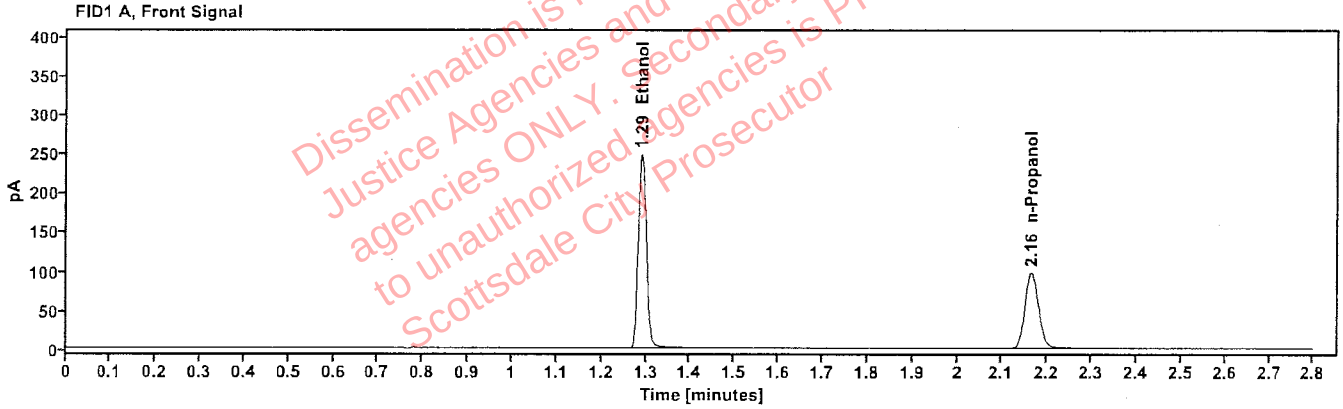

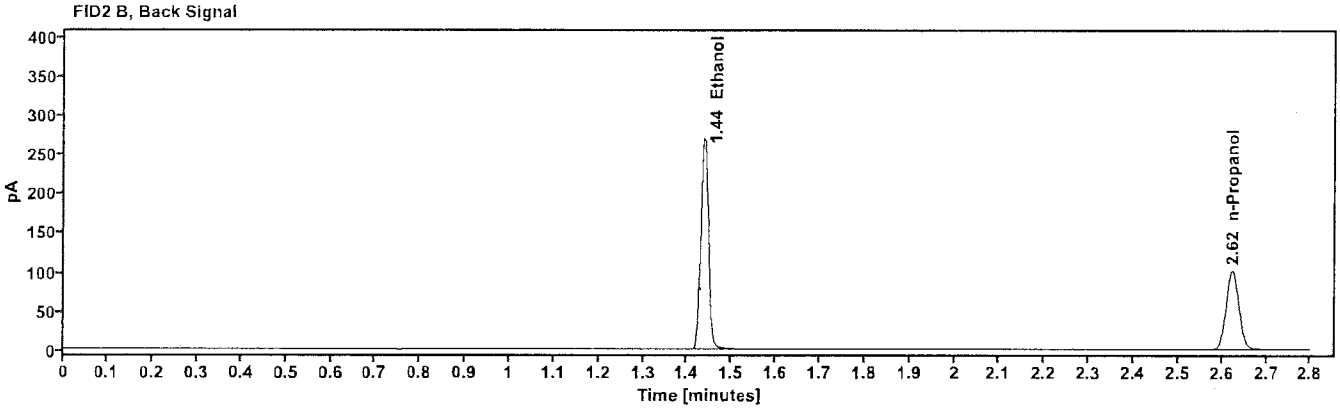

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.290	314.767
n-Propanol	2.164	201.883

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

Compound	Time (min)	Peak Area
Ethanol	1.437	326.065
n-Propanol	2.624	209.178

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	061026WB	**Vial:**	5
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:33:03 AM
Data file:	C:\Chem32\1\Data\03Nov26\5.D	**Analyst:**	Arroyo

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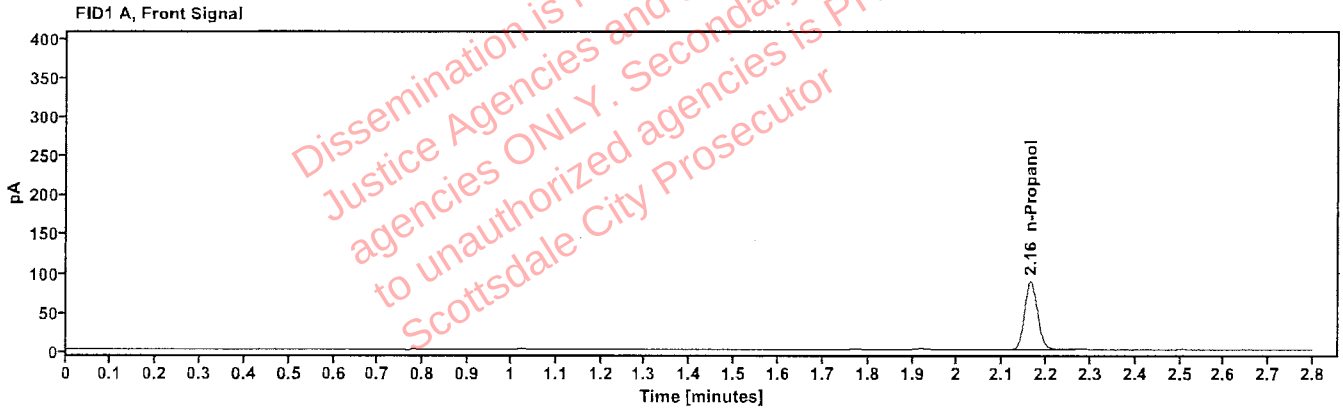

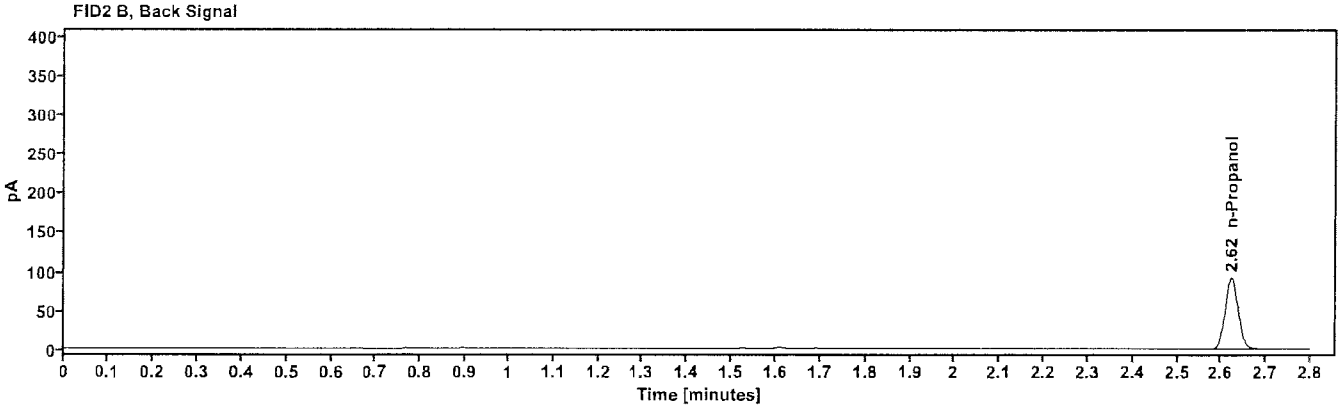

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.164	181.962

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

Compound	Time (min)	Peak Area
n-Propanol	2.623	189.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	031726MIX	**Vial:**	6
Description:	Volatile Mix	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:36:51 AM
Data file:	C:\Chem32\1\Data\03Nov26\6.D	**Analyst:**	Arroyo

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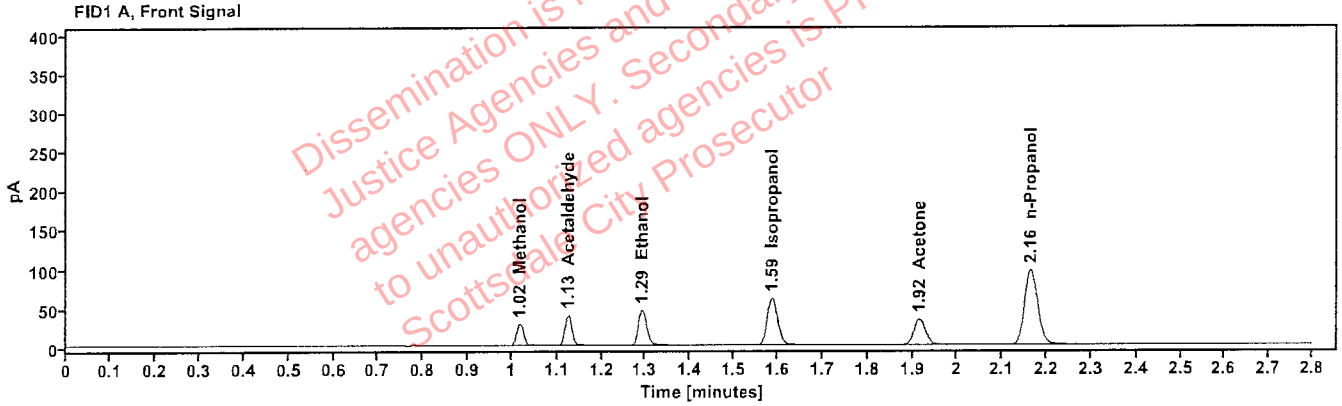

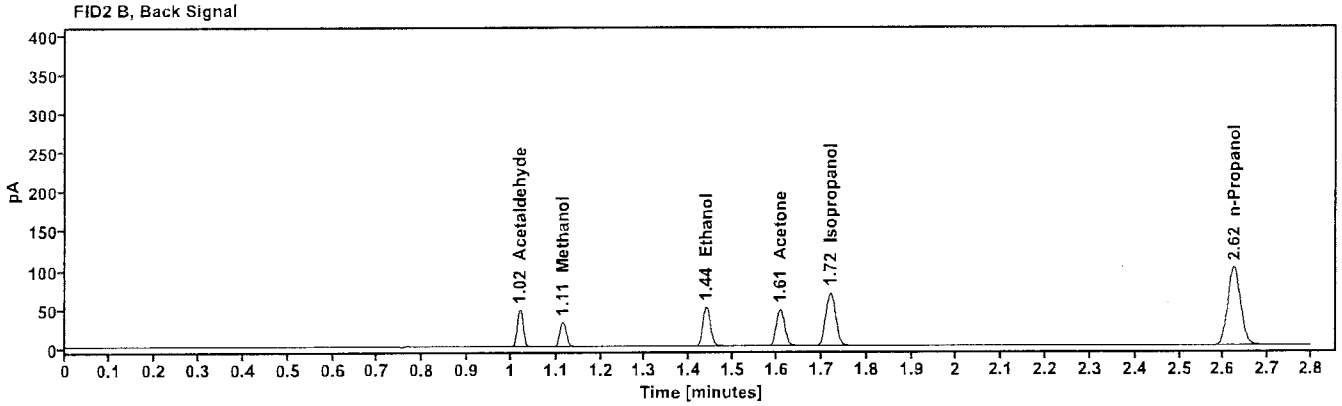

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	------	1.019	30.600
Acetaldehyde	------	1.125	42.245
quantified Ethanol	0.0772	1.292	58.644
Isopropanol	------	1.588	100.234
Acetone	------	1.916	60.103
n-Propanol	------	2.164	200.504

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.020	43.943
Methanol	1.114	31.770
Ethanol	1.438	60.874
Acetone	1.608	62.458
Isopropanol	1.720	104.102
n-Propanol	2.624	207.412

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1475825	**Vial:**	7
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:41:51 AM
Data file:	C:\Chem32\1\Data\03Nov26\7.D	**Analyst:**	Arroyo

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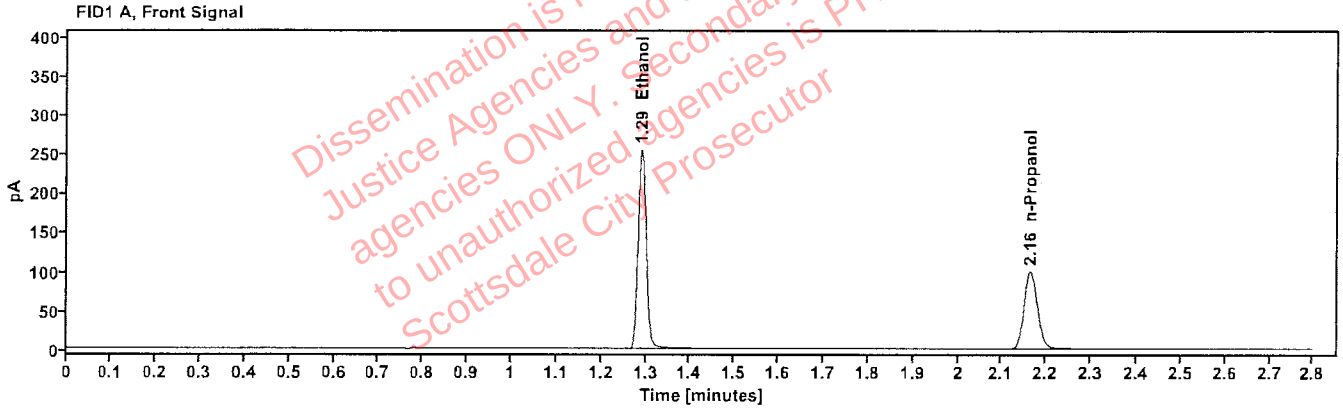

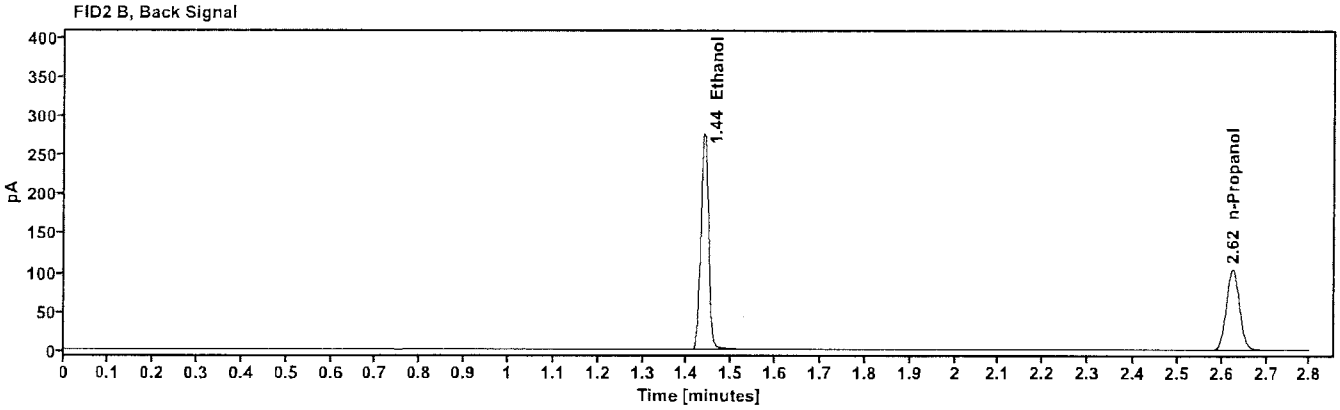

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4011	1.291	322.563
n-Propanol	-----	2.164	206.436

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

Compound	Time (min)	Peak Area
Ethanol	1.437	334.167
n-Propanol	2.624	213.785

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	**Vial:**	8
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:45:39 AM
Data file:	C:\Chem32\1\Data\03Nov26\8.D	**Analyst:**	Arroyo

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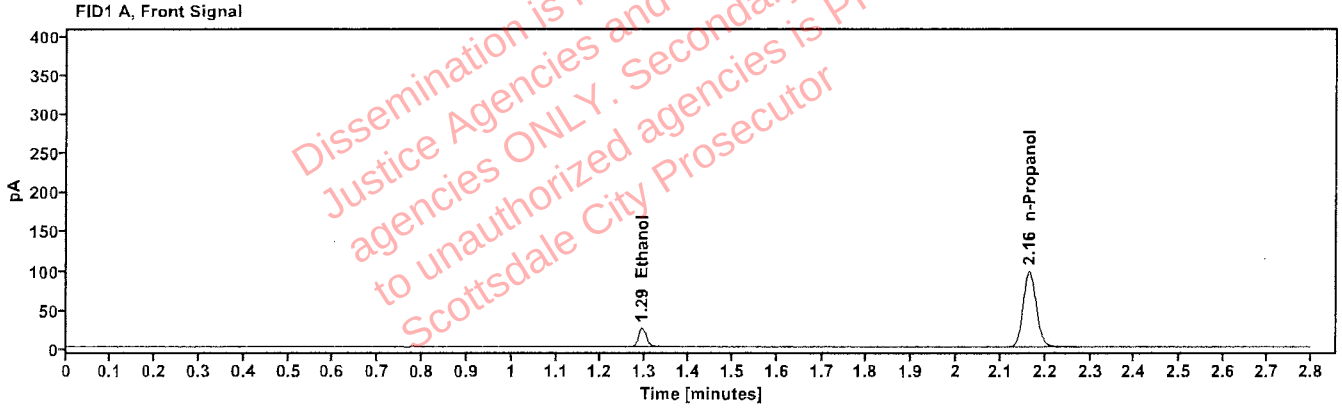

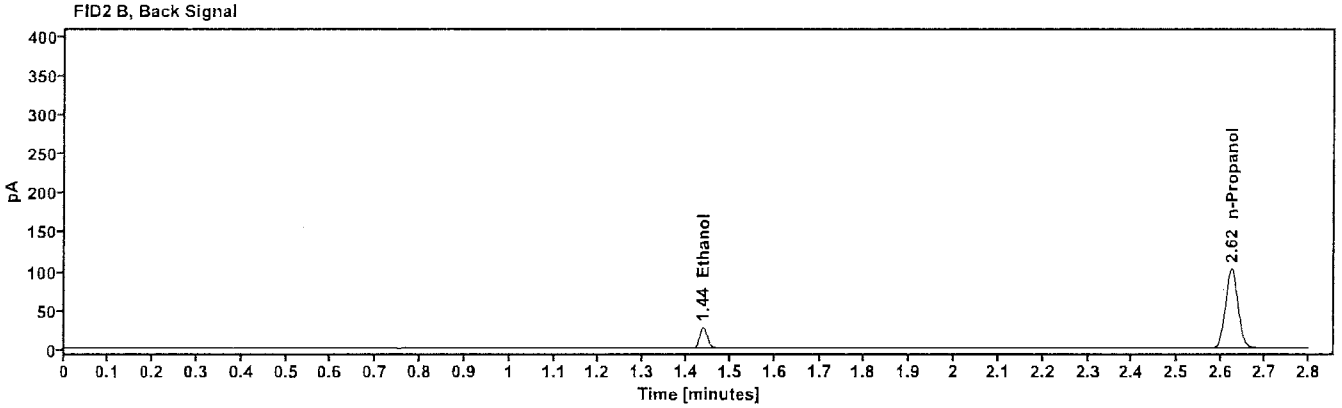

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0415	1.293	31.027
n-Propanol	-----	2.164	203.036

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

Compound	Time (min)	Peak Area
Ethanol	1.438	32.197
n-Propanol	2.624	210.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4190425129/6	**Vial:**	9
Description:	0.201	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:49:26 AM
Data file:	C:\Chem32\1\Data\03Nov26\9.D	**Analyst:**	Arroyo

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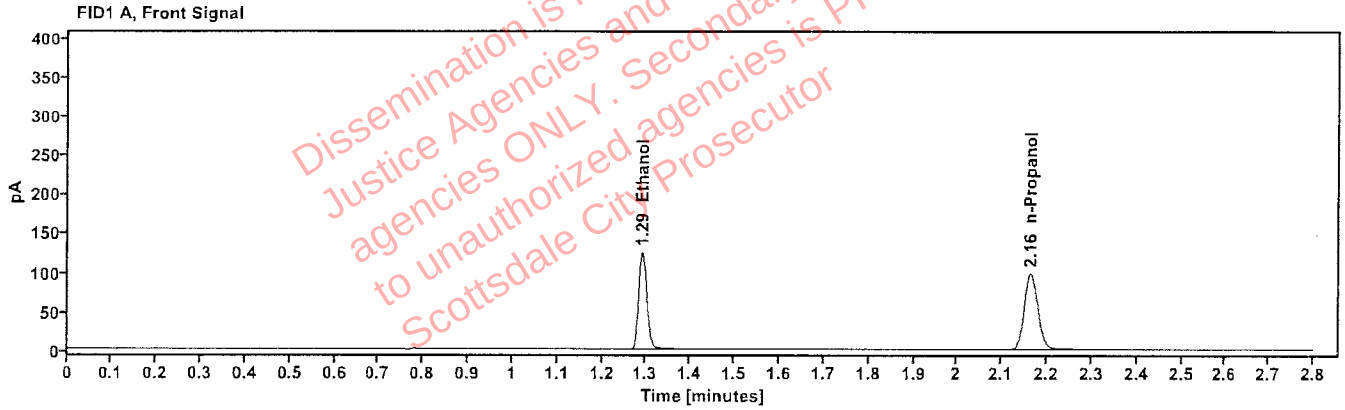

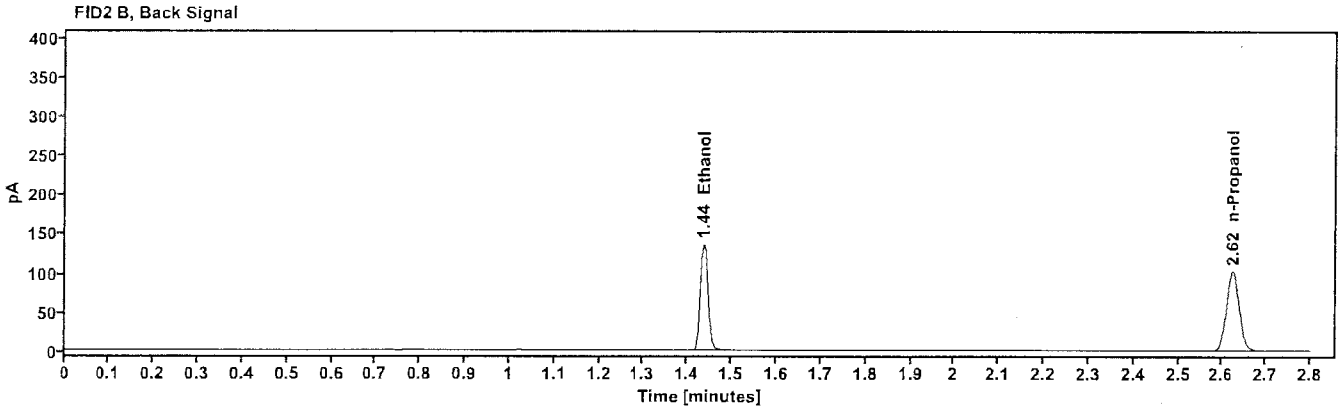

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2005	1.291	158.241
n-Propanol	------	2.164	203.905

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

Compound	Time (min)	Peak Area
Ethanol	1.437	164.136
n-Propanol	2.624	211.224

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	20
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:33:39 AM
Data file:	C:\Chem32\1\Data\03Nov26\20.D	**Analyst:**	Arroyo

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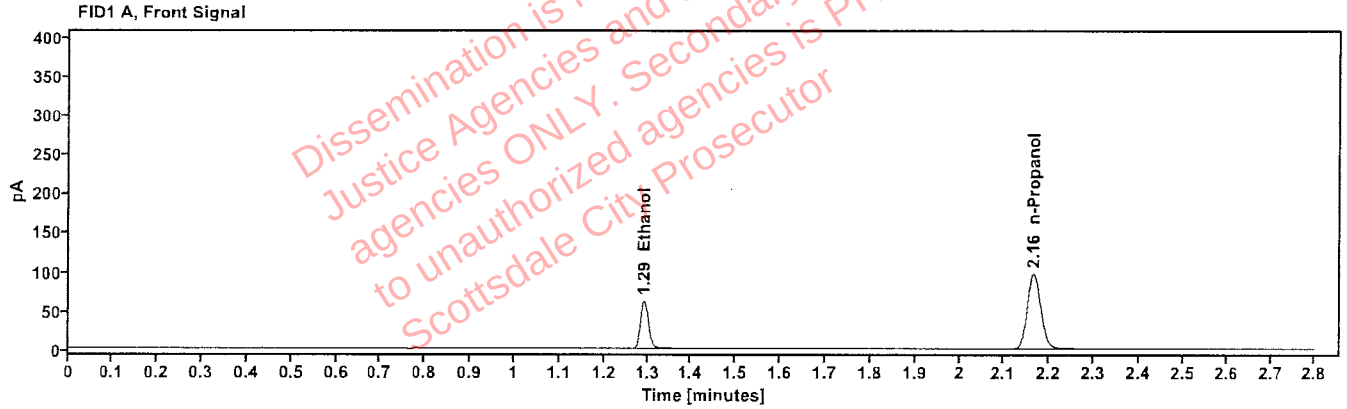

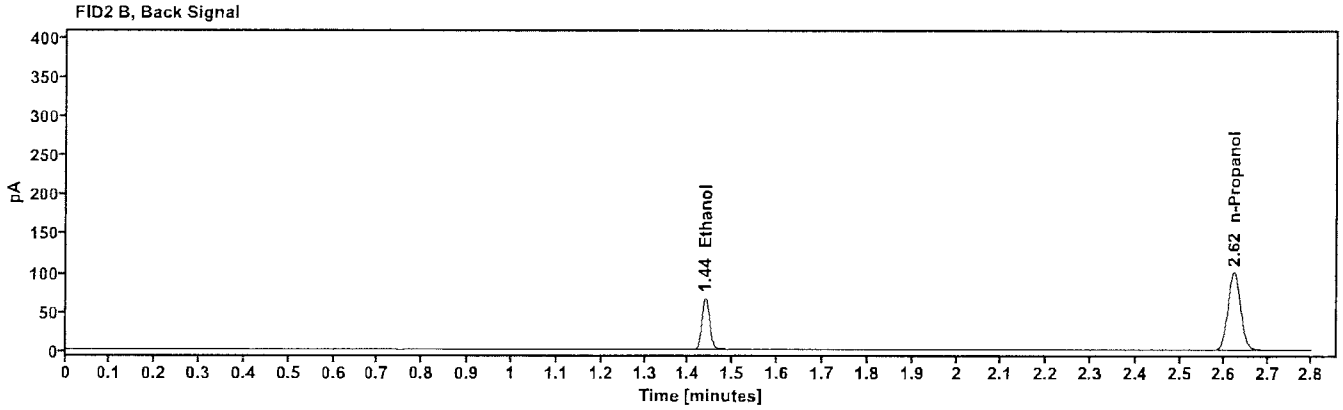

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1015	1.292	77.458
n-Propanol	------	2.164	199.671

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

Compound	Time (min)	Peak Area
Ethanol	1.438	80.350
n-Propanol	2.624	206.786

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	31
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:17:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\31.D	**Analyst:**	Arroyo

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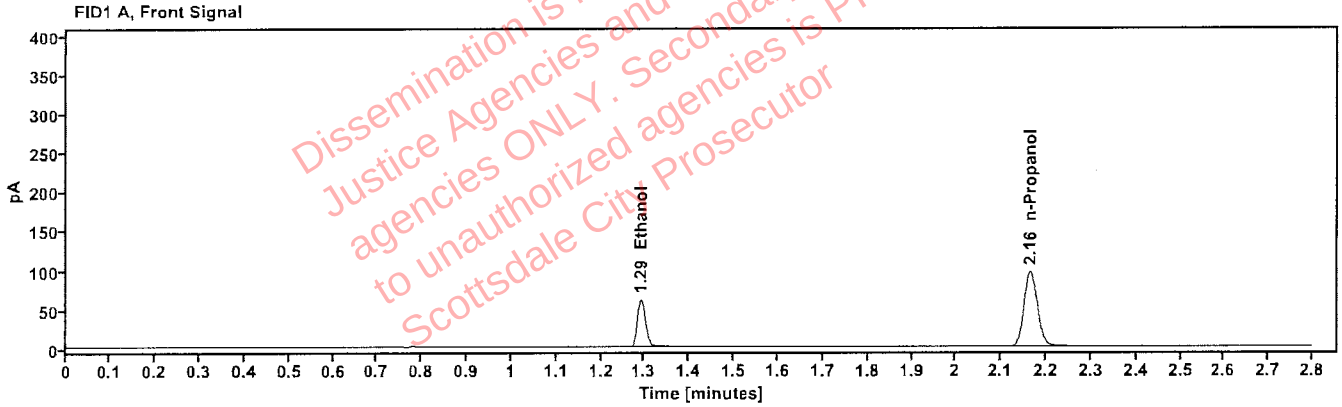

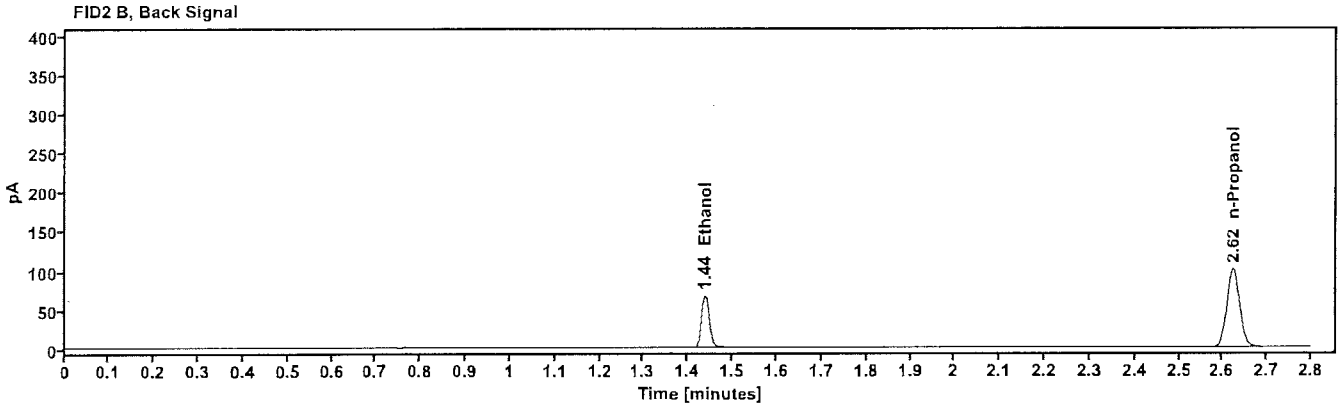

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1017	1.292	77.730
n-Propanol	------	2.164	199.948

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

Compound	Time (min)	Peak Area
Ethanol	1.438	80.667
n-Propanol	2.624	207.209

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	42
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:00:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\42.D	**Analyst:**	Arroyo

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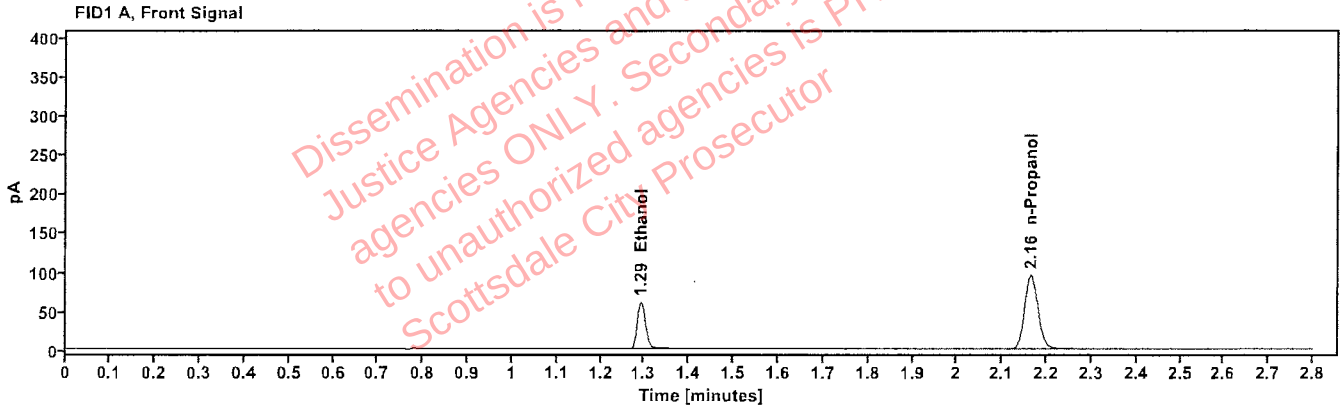

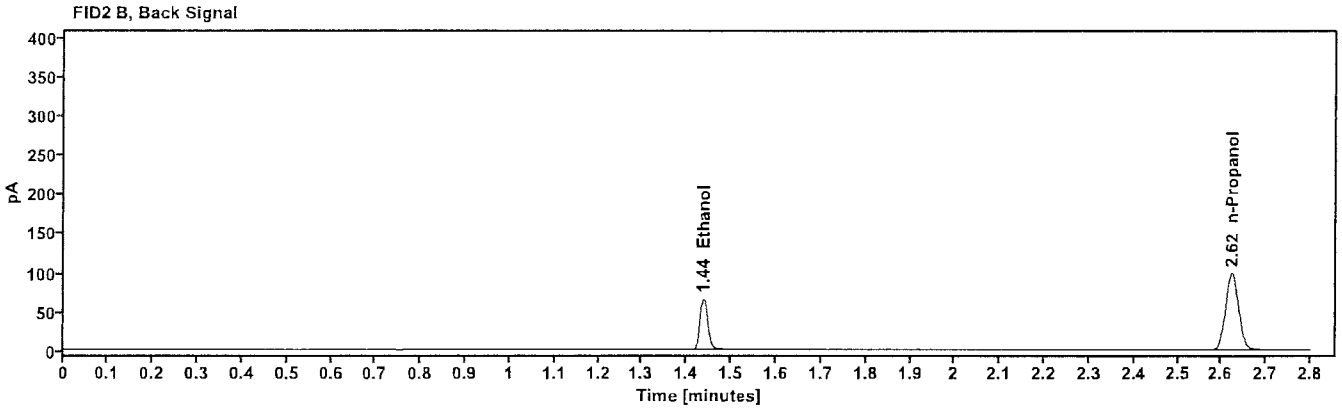

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1016	1.292	76.538
n-Propanol	-----	2.164	197.206

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

Compound	Time (min)	Peak Area
Ethanol	1.438	79.360
n-Propanol	2.624	204.251

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1475825	**Vial:**	53
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:45:03 PM
Data file:	C:\Chem32\1\Data\03Nov26\53.D	**Analyst:**	Arroyo

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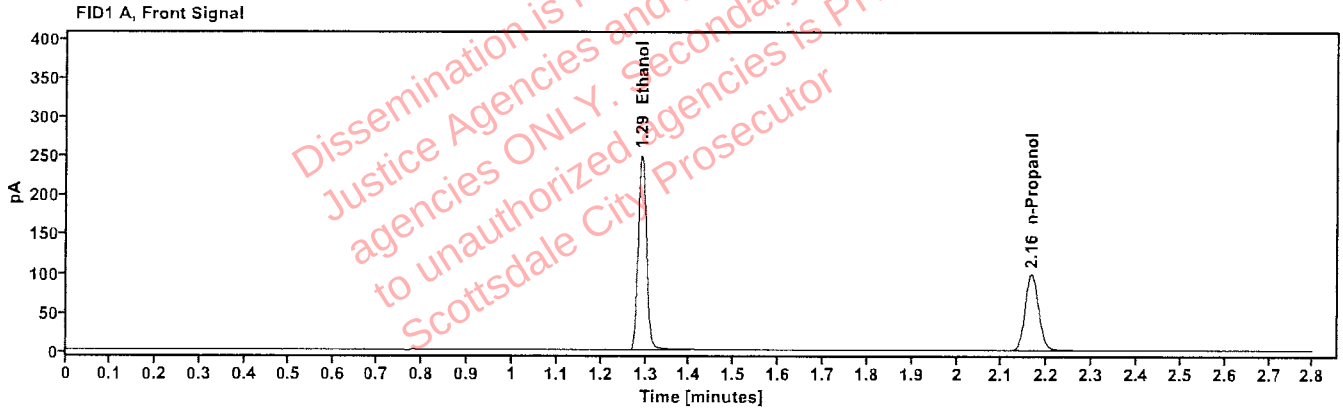

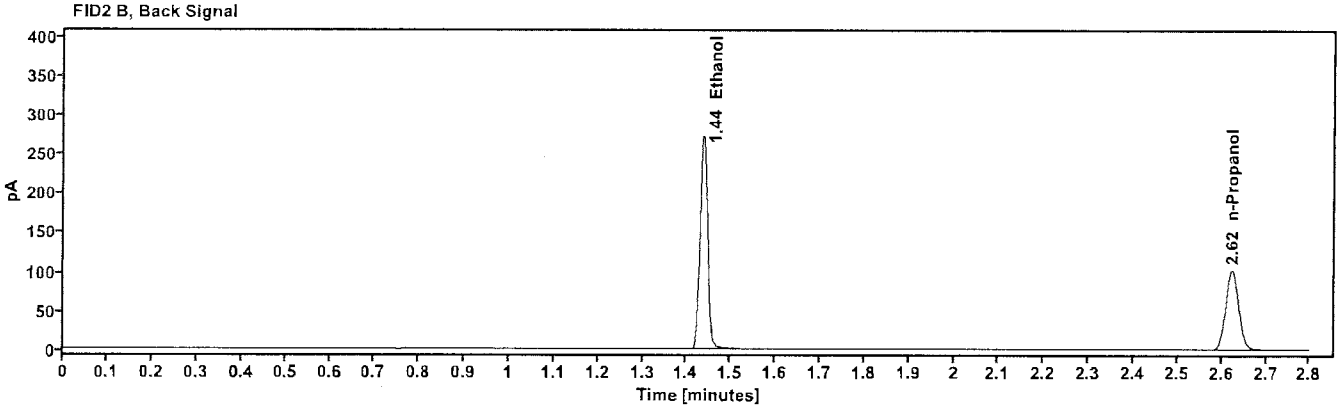

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4003	1.291	318.057
n-Propanol	——	2.164	203.935

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

Compound	Time (min)	Peak Area
Ethanol	1.437	329.777
n-Propanol	2.624	211.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	**Vial:**	54
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:48:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\54.D	**Analyst:**	Arroyo

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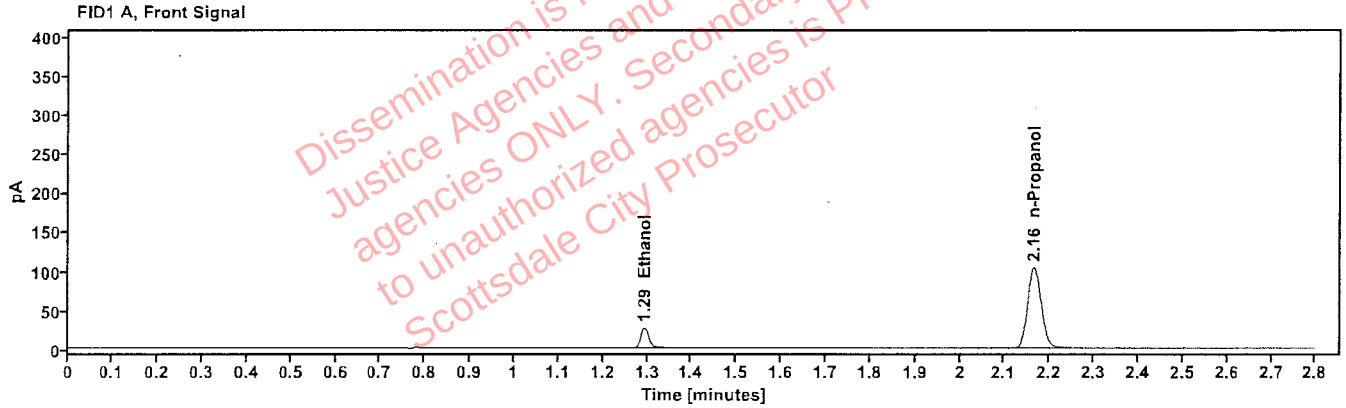

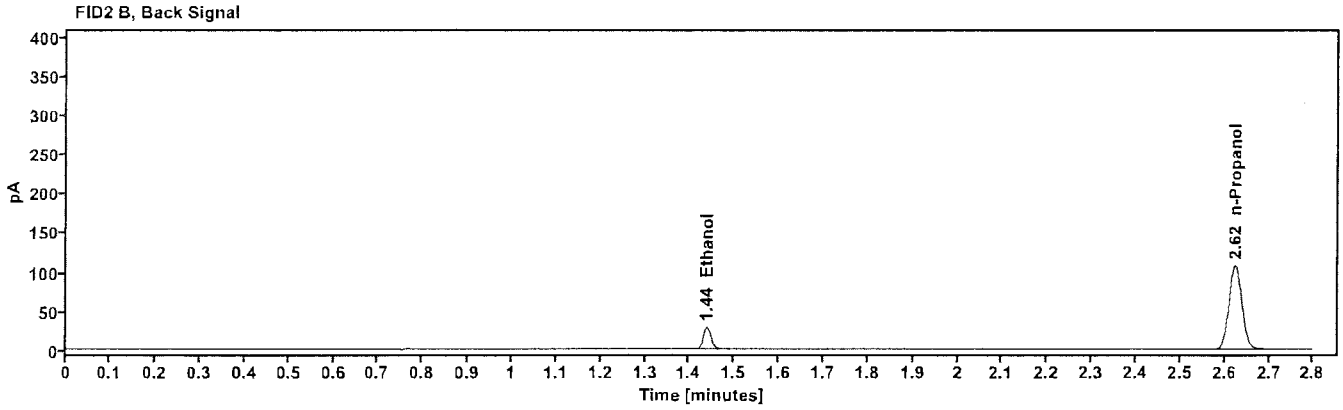

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0415	1.293	32.867
n-Propanol	-----	2.164	215.274

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

Compound	Time (min)	Peak Area
Ethanol	1.439	34.217
n-Propanol	2.624	223.087

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4190425129/6	**Vial:**	55
Description:	0.201	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:53:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\55.D	**Analyst:**	Arroyo

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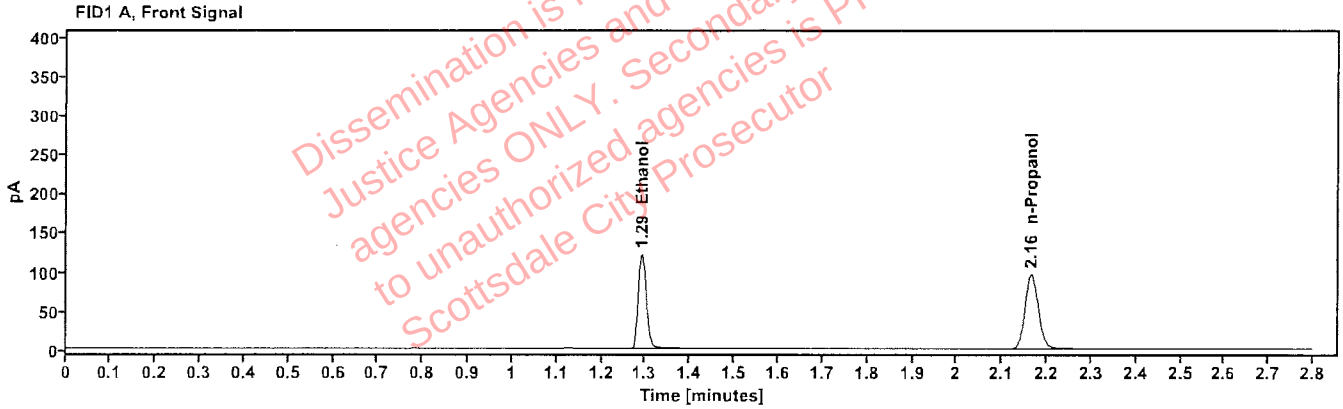

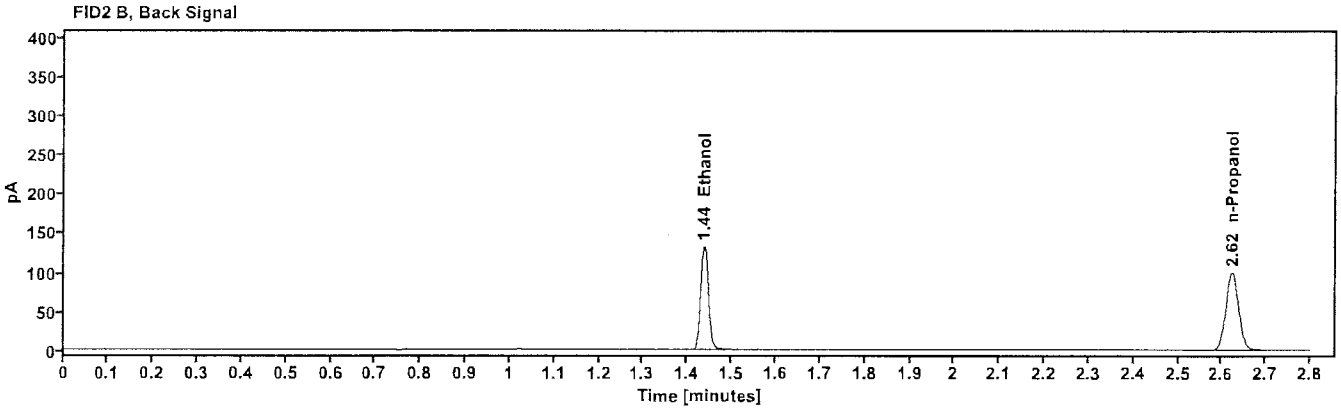

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2001	1.291	154.113
n-Propanol	-----	2.164	198.949

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

Compound	Time (min)	Peak Area
Ethanol	1.437	159.592
n-Propanol	2.624	206.150

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	092926AQ	**Vial:**	56
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:57:39 PM
Data file:	C:\Chem32\1\Data\03Nov26\56.D	**Analyst:**	Arroyo

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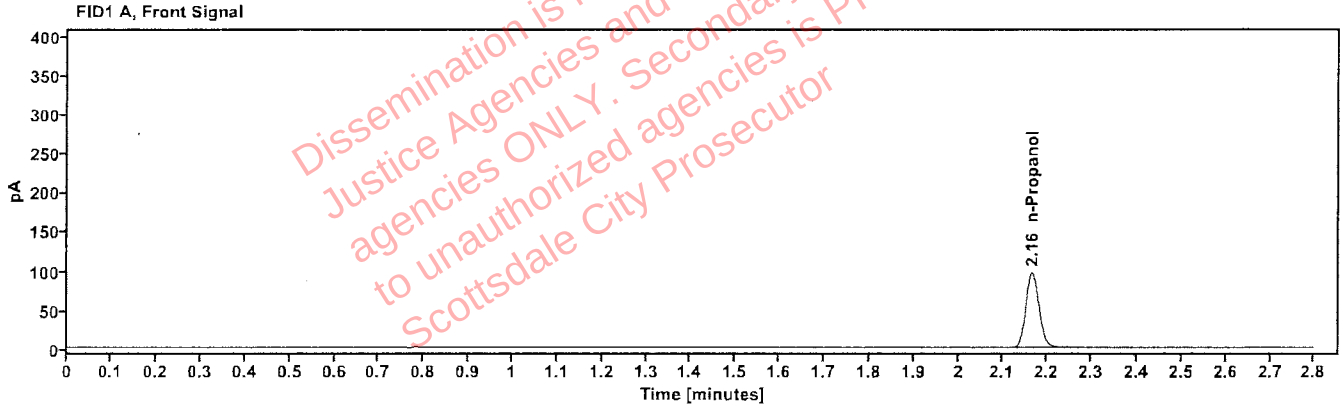

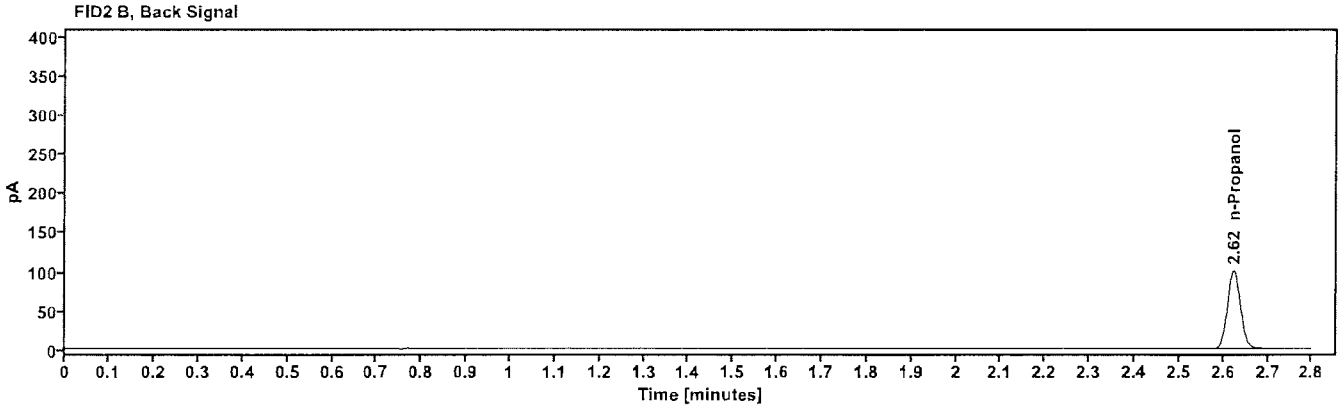

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.164	200.346

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

Compound	Time (min)	Peak Area
n-Propanol	2.624	207.504

Sequence Summary

Sequence name: 03Nov26 **Instrument:** US2320A024 US23180007 **Analyst:** Arroyo

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	436-01O.L.	[redacted]	Sample	[redacted]	ethanol quant.M
11	436-01O.L.		Sample		ethanol quant.M
12	2621850-1		Sample		ethanol quant.M
13	2621850-1		Sample		ethanol quant.M
14	2621349-2		Sample		ethanol quant.M
15	2621349-2		Sample		ethanol quant.M
16	2621849-2		Sample		ethanol quant.M
17	2621849-2		Sample		ethanol quant.M
18	2621843-1		Sample		ethanol quant.M
19	2621843-1		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	2621649-1	[redacted]	Sample	[redacted]	ethanol quant.M
22	2621649-1		Sample		ethanol quant.M
23	2621852-2		Sample		ethanol quant.M
24	2621852-2		Sample		ethanol quant.M
25	2622053-2		Sample		ethanol quant.M
26	2622053-2		Sample		ethanol quant.M
27	2622085-2		Sample		ethanol quant.M
28	2622085-2		Sample		ethanol quant.M
29	2622097-2		Sample		ethanol quant.M
30	2622097-2		Sample		ethanol quant.M
31	C1455120	0.100	Control		ethanol quant.M
32	2622123-1	[redacted]	Sample	[redacted]	ethanol quant.M
33	2622123-1		Sample		ethanol quant.M
34	2621982-2		Sample		ethanol quant.M
35	2621982-2		Sample		ethanol quant.M
36	2621997-2		Sample		ethanol quant.M
37	2621997-2		Sample		ethanol quant.M
38	2622089-2		Sample		ethanol quant.M
39	2622089-2		Sample		ethanol quant.M
40	2621578-2		Sample		ethanol quant.M
41	2621578-2		Sample		ethanol quant.M
42	C1455120	0.100	Control		ethanol quant.M
43	2622084-1	[redacted]	Sample	[redacted]	ethanol quant.M
44	2622084-1		Sample		ethanol quant.M
45	2622176-1		Sample		ethanol quant.M
46	2622176-1		Sample		ethanol quant.M
47	2622177-1		Sample		ethanol quant.M

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Sequence Summary

48	2622177-1	[redacted]	Sample	[redacted]	ethanol quant.M
49	2621639-2		Sample		ethanol quant.M
50	2621639-2		Sample		ethanol quant.M
51	2621570-1		Sample		ethanol quant.M
52	2621570-1		Sample		ethanol quant.M
53	C1475825	0.400	Control		ethanol quant.M
54	529862	0.040	Control		ethanol quant.M
55	4190425129/6	0.201	Control		ethanol quant.M
56	092926AQ	negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory
Summary of Cases

SEQUENCE NAME: 03Nov26 **ANALYST: Arroyo**

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference(g/dL)*
10 11	0.0916	0.0909	0.09125	0.38	0.00035
12 13	0.1069	0.1068	0.10685	0.05	0.00005
14 15	0.2198	0.2178	0.21880	0.46	0.00100
16 17	0.3062	0.3040	0.30510	0.36	0.00110
18 19	0.1533	0.1545	0.15390	0.39	0.00060
21 22	0.0957	0.0959	0.09580	0.10	0.00010
23 24	0.0745	0.0745	0.07450	0.00	0.00000
25 26	0.0978	0.0983	0.09805	0.25	0.00025
27 28	0.1023	0.1008	0.10155	0.74	0.00075
29 30	0.1533	0.1538	0.15355	0.16	0.00025
32 33	0.1378	0.1380	0.13790	0.07	0.00010
34 35	0.0979	0.0969	0.09740	0.51	0.00050
36 37	0.1584	0.1583	0.15835	0.03	0.00005
38 39	0.1653	0.1654	0.16535	0.03	0.00005
40 41	0.1298	0.1272	0.12850	1.01	0.00130
43 44	0.2817	0.2784	0.28005	0.59	0.00165
45 46	0.1324	0.1326	0.13250	0.08	0.00010
47 48	0.2115	0.2154	0.21345	0.91	0.00195
49 50	0.1851	0.1861	0.18560	0.27	0.00050
51 52	0.1758	0.1762	0.17600	0.11	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: Arroyo **SEQUENCE:** 03Nov26 aje

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	436-01O.L.	436-01O.L.	436-01O.L.	Yes
Vials 12 and 13	2621850-1	2621850-1	2621850-1	Yes
Vials 14 and 15	2621349-2	2621349-2	2621349-2	Yes
Vials 16 and 17	2621849-2	2621849-2	2621849-2	Yes
Vials 18 and 19	2621843-1	2621843-1	2621843-1	Yes
Vials 21 and 22	2621649-1	2621649-1	2621649-1	Yes
Vials 23 and 24	2621852-2	2621852-2	2621852-2	Yes
Vials 25 and 26	2622053-2	2622053-2	2622053-2	Yes
Vials 27 and 28	2622085-2	2622085-2	2622085-2	Yes
Vials 29 and 30	2622097-2	2622097-2	2622097-2	Yes
Vials 32 and 33	2622123-1	2622123-1	2622123-1	Yes
Vials 34 and 35	2621982-2	2621982-2	2621982-2	Yes
Vials 36 and 37	2621997-2	2621997-2	2621997-2	Yes
Vials 38 and 39	2622089-2	2622089-2	2622089-2	Yes
Vials 40 and 41	2621578-2	2621578-2	2621578-2	Yes
Vials 43 and 44	2622084-1	2622084-1	2622084-1	Yes
Vials 45 and 46	2622176-1	2622176-1	2622176-1	Yes
Vials 47 and 48	2622177-1	2622177-1	2622177-1	Yes
Vials 49 and 50	2621639-2	2621639-2	2621639-2	Yes
Vials 51 and 52	2621570-1	2621570-1	2621570-1	Yes

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01O.L.	**Vial:**	10
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:53:15 AM
Data file:	C:\Chem32\1\Data\03Nov26\10.D	**Analyst:**	Arroyo

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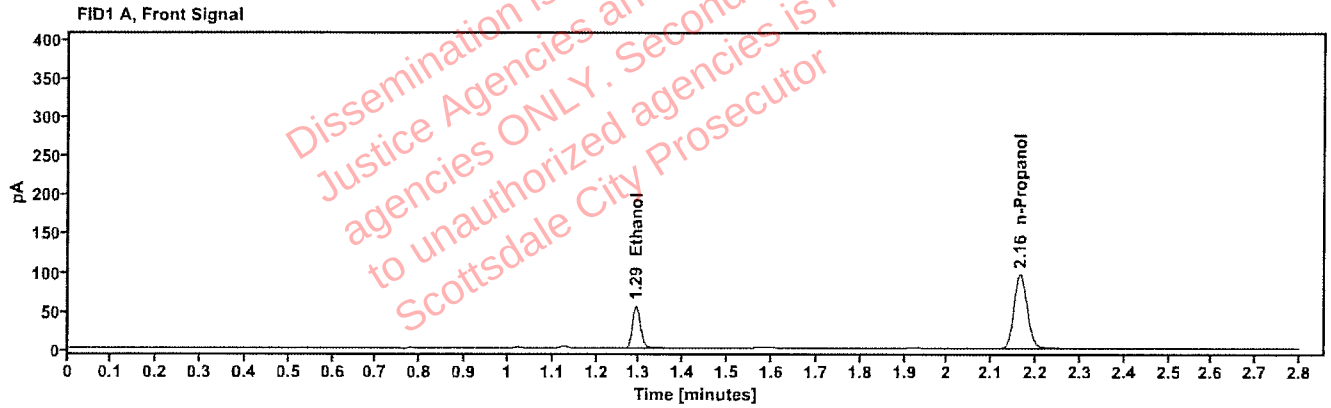

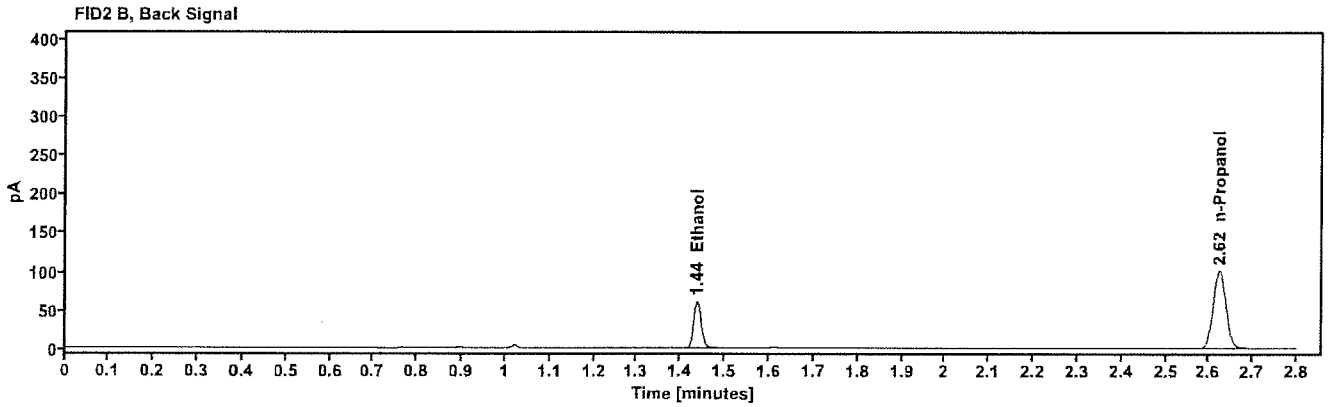

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0916	1.292	70.100
n-Propanol	-----	2.164	200.720

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

Compound	Time (min)	Peak Area
Ethanol	1.438	72.483
n-Propanol	2.624	207.809

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01O.L.	**Vial:**	11
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 10:57:03 AM
Data file:	C:\Chem32\1\Data\03Nov26\11.D	**Analyst:**	Arroyo

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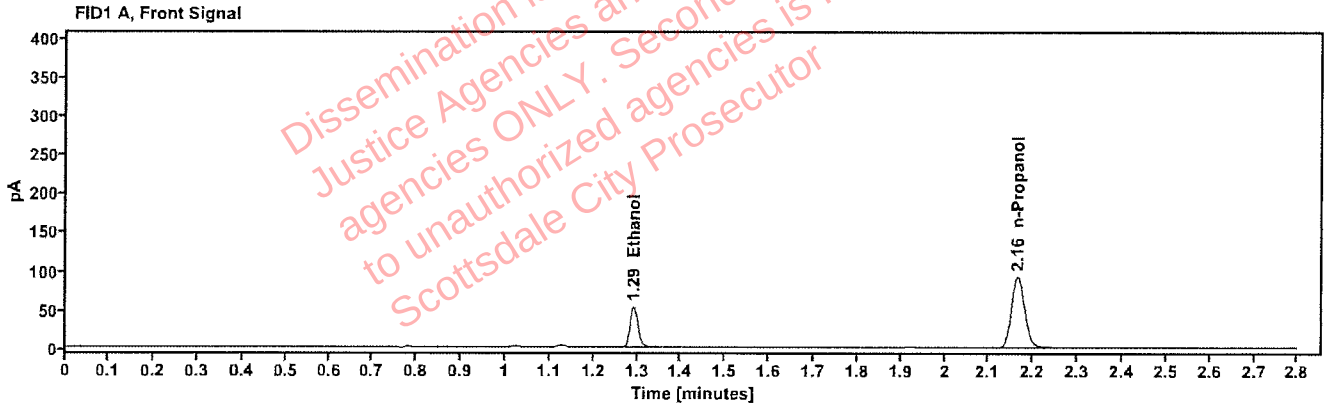

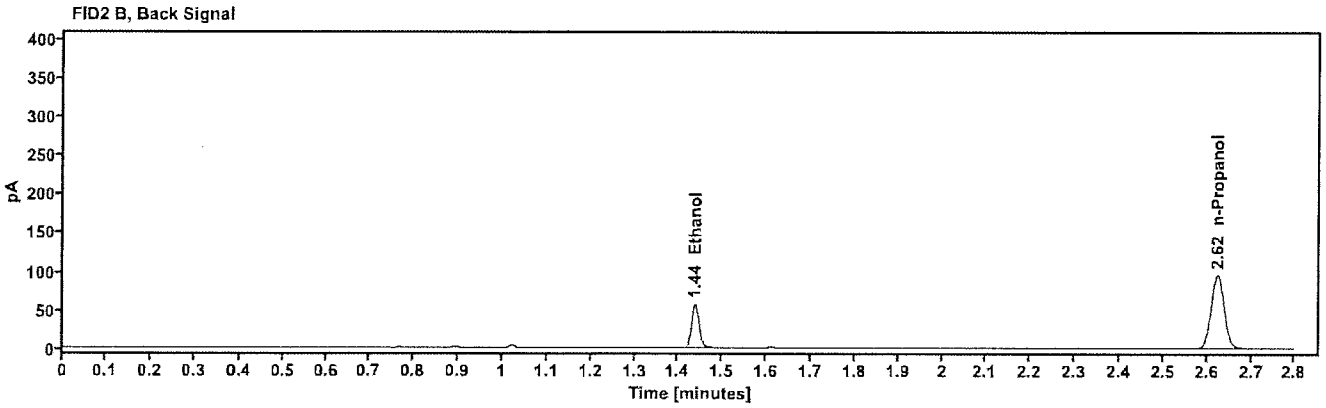

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0909	1.292	66.040
n-Propanol	-----	2.164	190.752

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

Compound	Time (min)	Peak Area
Ethanol	1.438	68.274
n-Propanol	2.624	197.525

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621850-1	**Vial:**	12
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:00:51 AM
Data file:	C:\Chem32\1\Data\03Nov26\12.D	**Analyst:**	Arroyo

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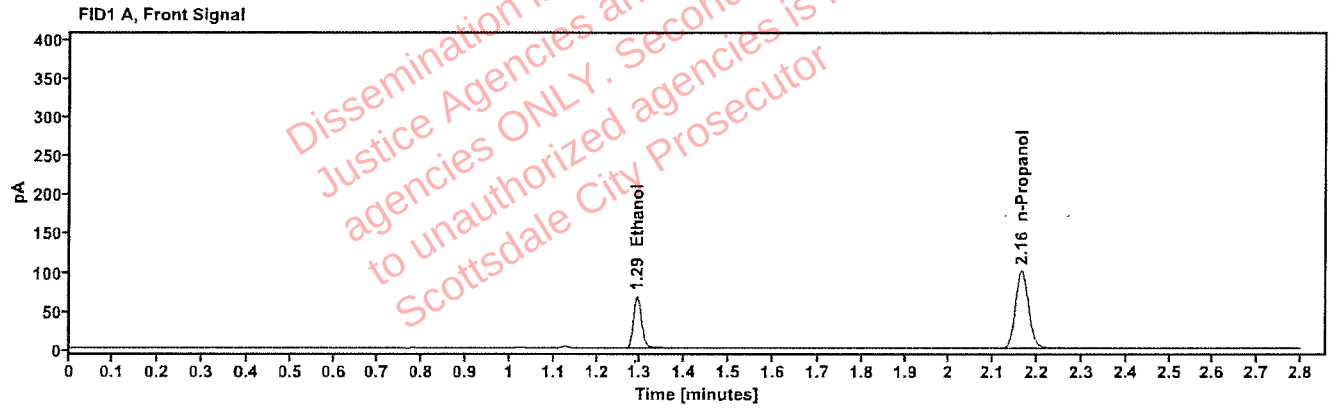

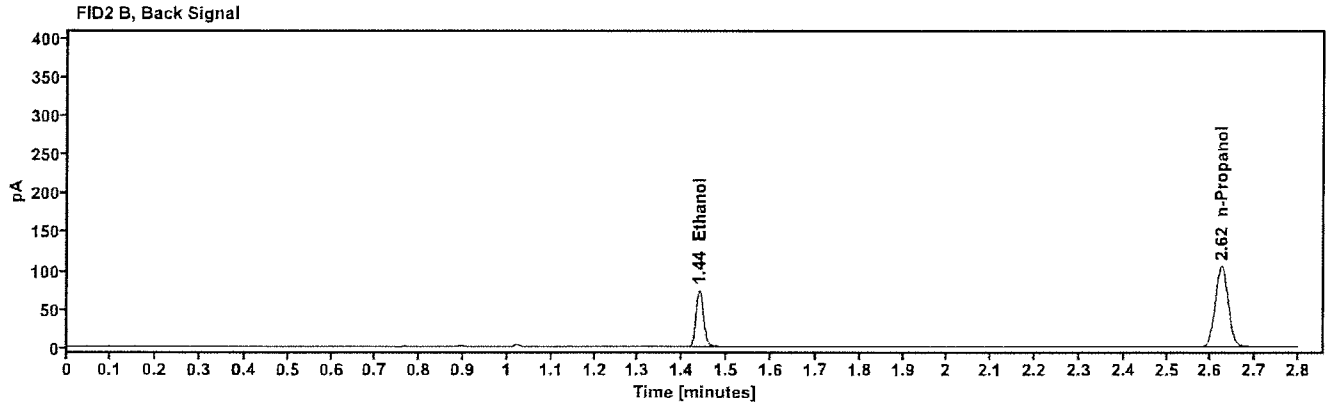

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1069	1.292	85.262
n-Propanol	-----	2.164	208.443

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

Compound	Time (min)	Peak Area
Ethanol	1.438	88.094
n-Propanol	2.624	215.611

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621850-1	**Vial:**	13
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:05:50 AM
Data file:	C:\Chem32\1\Data\03Nov26\13.D	**Analyst:**	Arroyo

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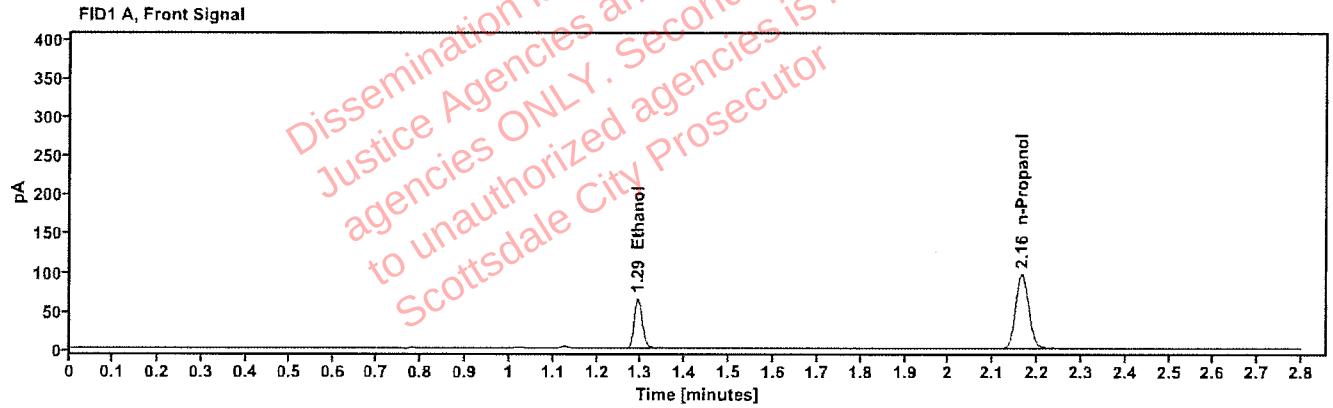

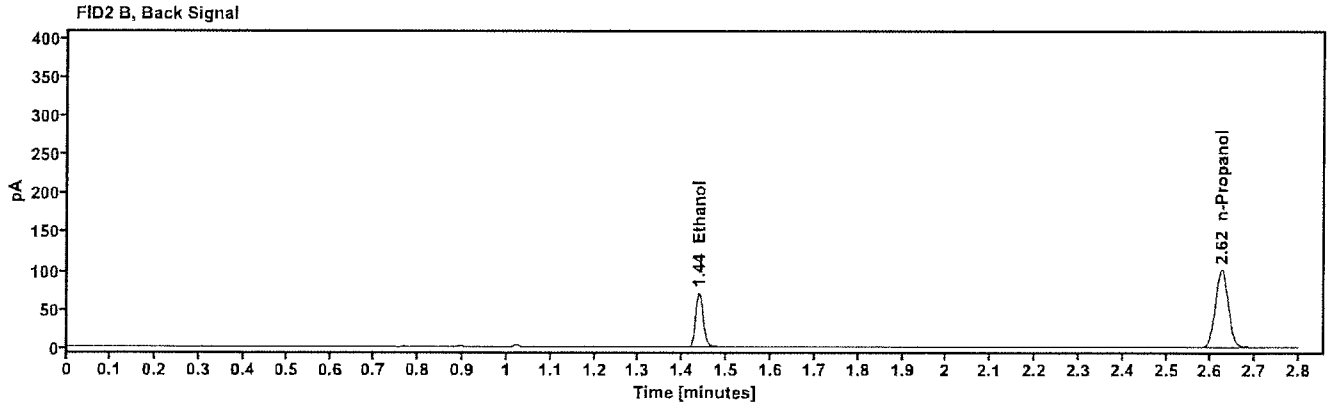

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1068	1.292	81.774
n-Propanol	-----	2.165	200.075

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

Compound	Time (min)	Peak Area
Ethanol	1.438	84.585
n-Propanol	2.624	207.248

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621349-2	**Vial:**	14
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:09:39 AM
Data file:	C:\Chem32\1\Data\03Nov26\14.D	**Analyst:**	Arroyo

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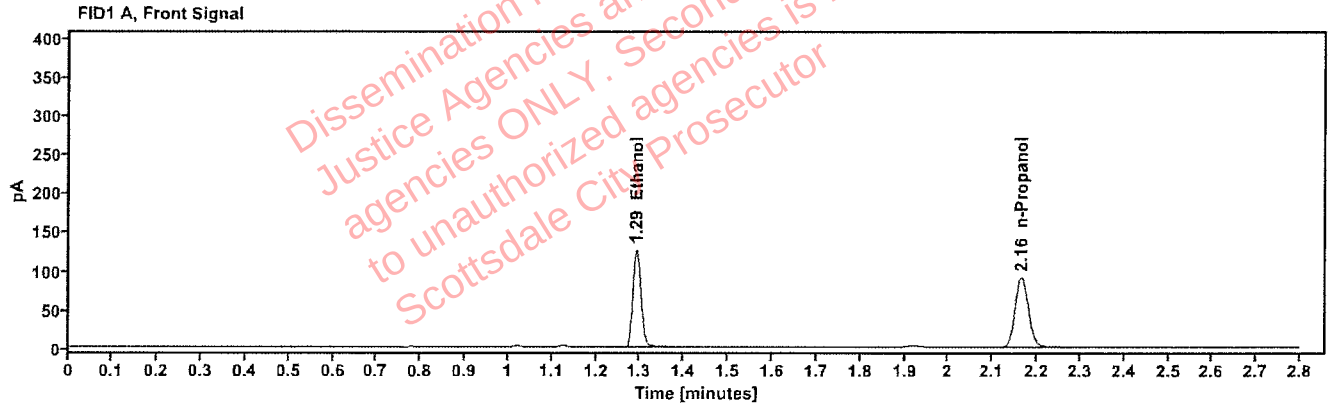

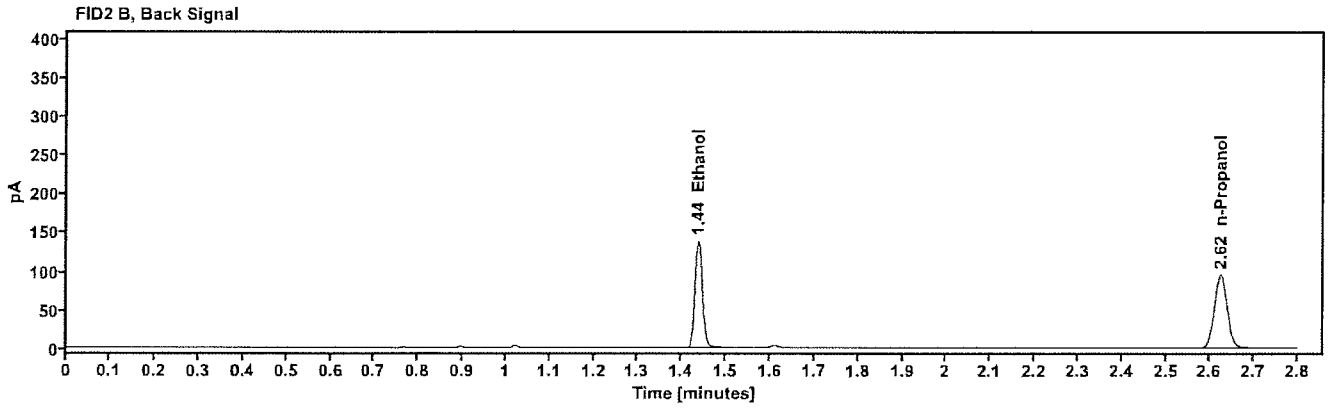

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2198	1.291	160.719
n-Propanol	-----	2.165	188.662

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

Compound	Time (min)	Peak Area
Ethanol	1.437	166.287
n-Propanol	2.624	195.141

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621349-2	**Vial:**	15
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:13:27 AM
Data file:	C:\Chem32\1\Data\03Nov26\15.D	**Analyst:**	Arroyo

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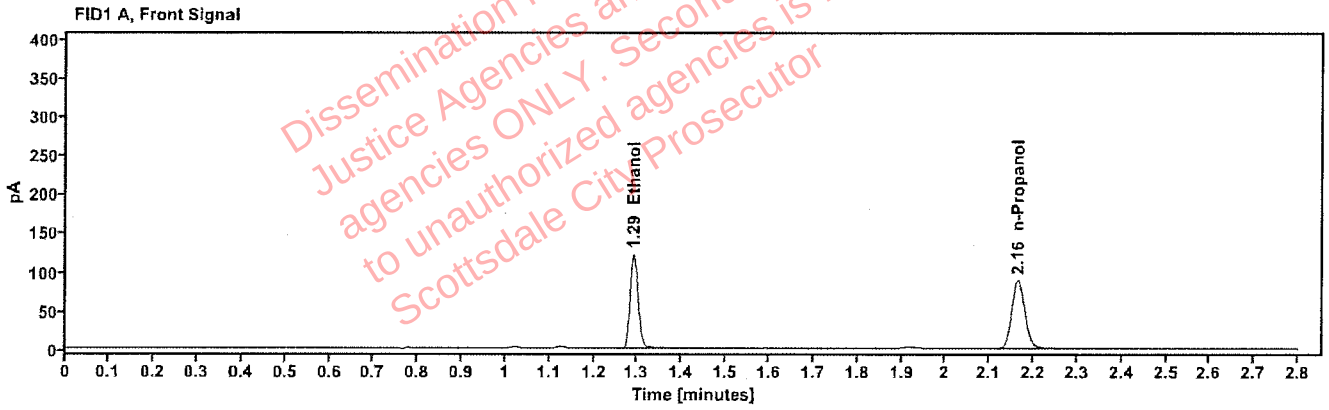

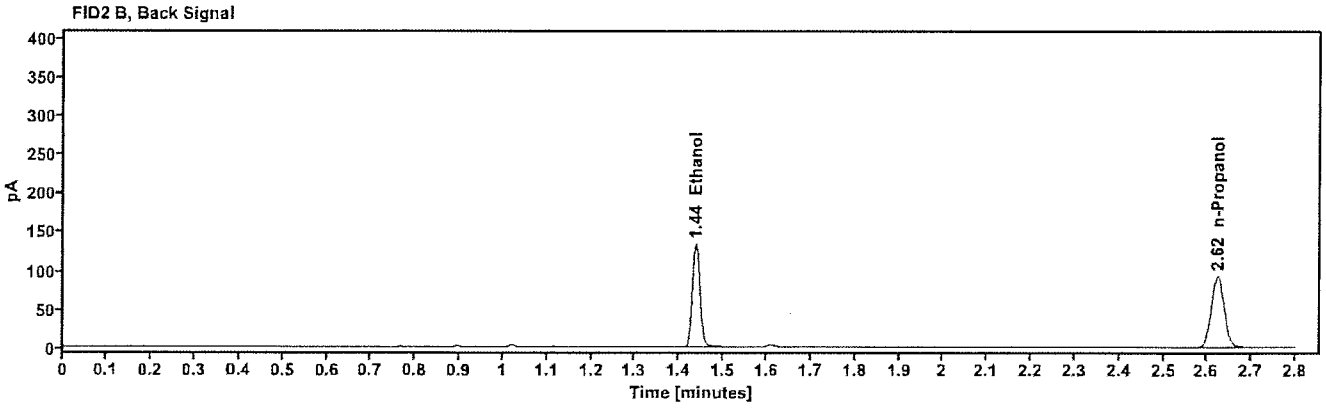

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2178	1.291	154.921
n-Propanol	-----	2.164	183.592

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

Compound	Time (min)	Peak Area
Ethanol	1.437	160.266
n-Propanol	2.624	190.048

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621849-2	**Vial:**	16
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:17:14 AM
Data file:	C:\Chem32\1\Data\03Nov26\16.D	**Analyst:**	Arroyo

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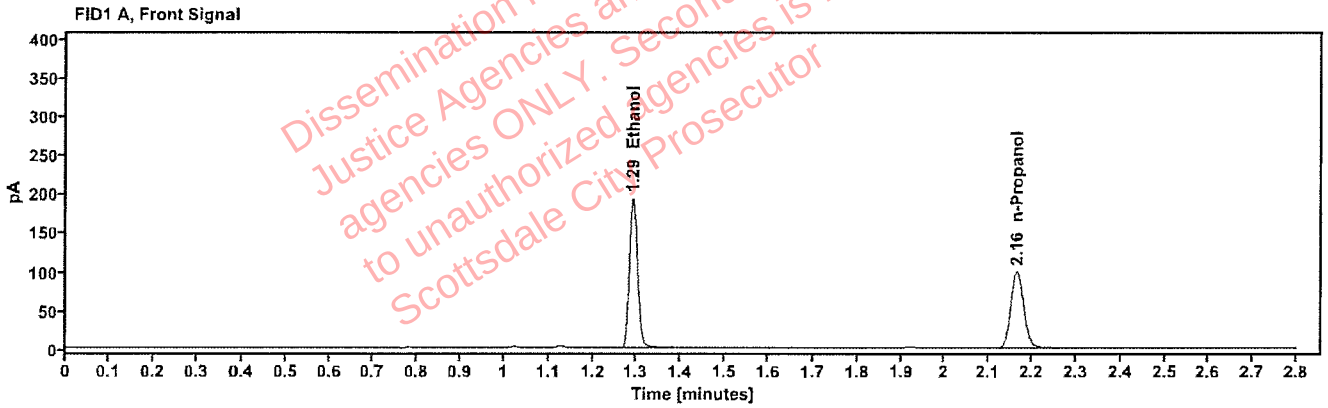

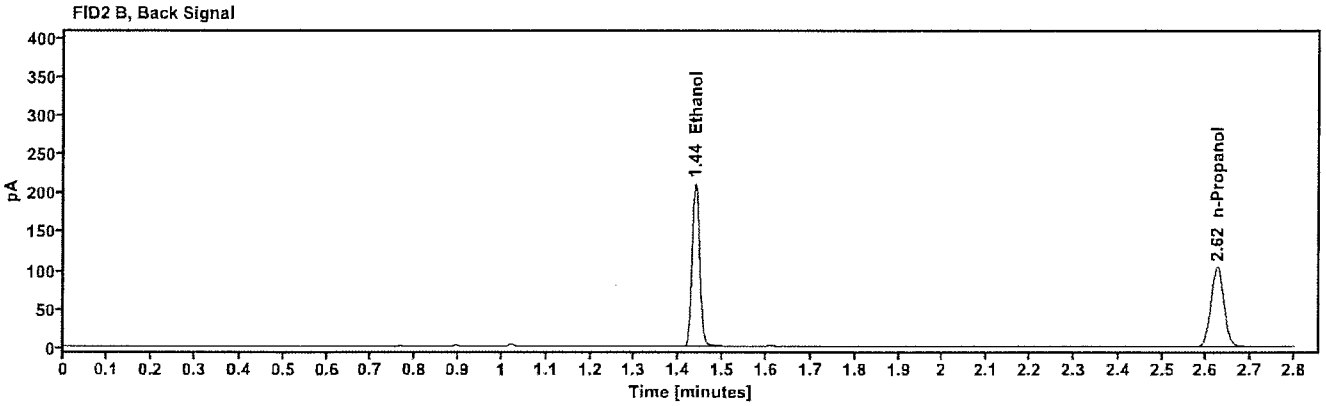

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3062	1.291	245.469
n-Propanol	------	2.165	206.207

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

Compound	Time (min)	Peak Area
Ethanol	1.438	254.539
n-Propanol	2.625	213.288

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621849-2	**Vial:**	17
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:21:03 AM
Data file:	C:\Chem32\1\Data\03Nov26\17.D	**Analyst:**	Arroyo

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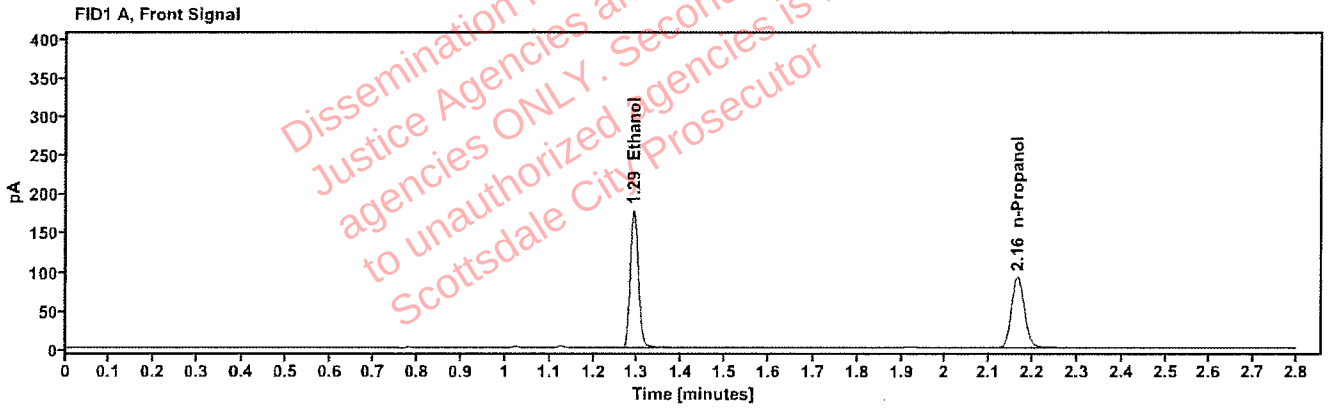

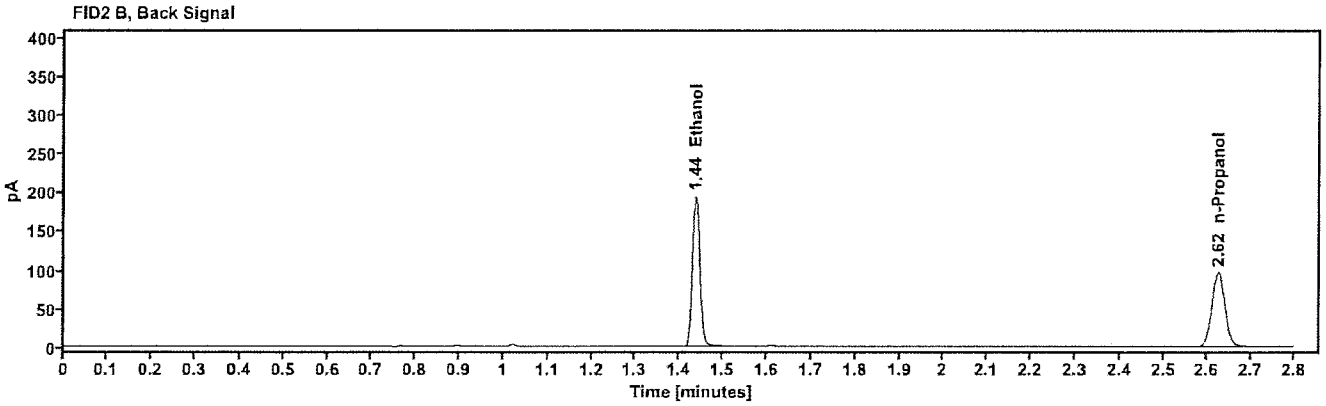

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3040	1.291	226.034
n-Propanol	------	2.165	191.227

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

Compound	Time (min)	Peak Area
Ethanol	1.438	234.474
n-Propanol	2.624	197.810

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621843-1	**Vial:**	18
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:24:51 AM
Data file:	C:\Chem32\1\Data\03Nov26\18.D	**Analyst:**	Arroyo

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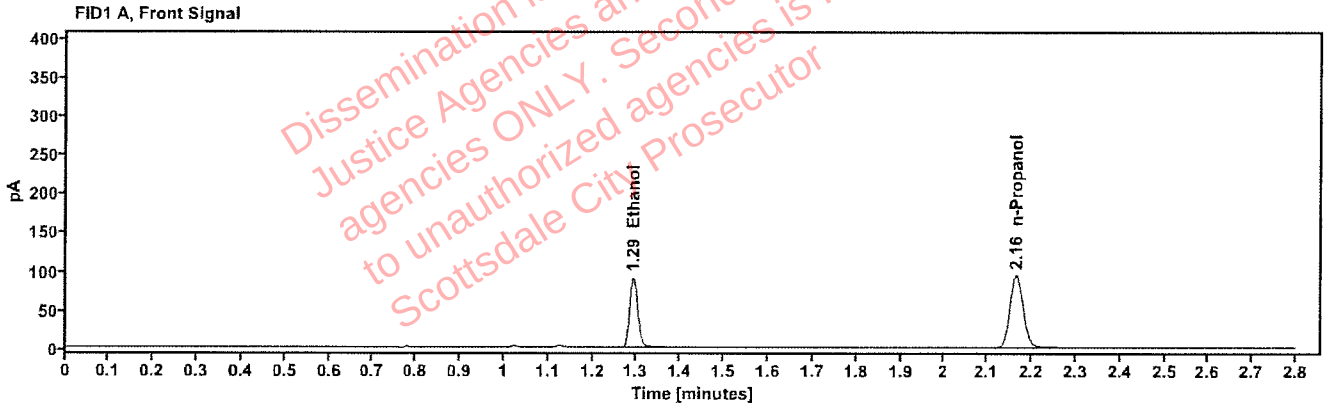

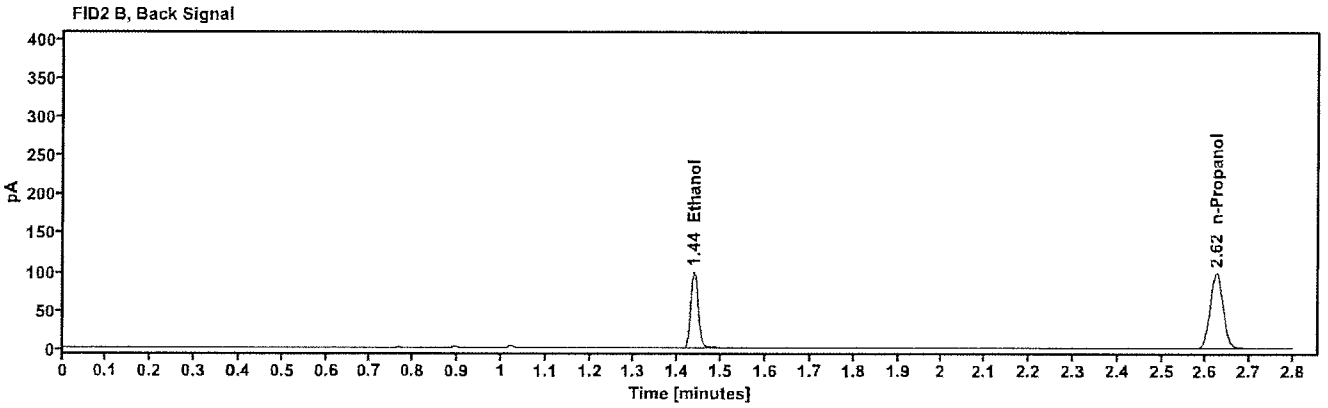

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1533	1.292	115.024
n-Propanol	-----	2.165	194.654

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

Compound	Time (min)	Peak Area
Ethanol	1.438	119.098
n-Propanol	2.624	201.343

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621843-1	**Vial:**	19
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:29:51 AM
Data file:	C:\Chem32\1\Data\03Nov26\19.D	**Analyst:**	Arroyo

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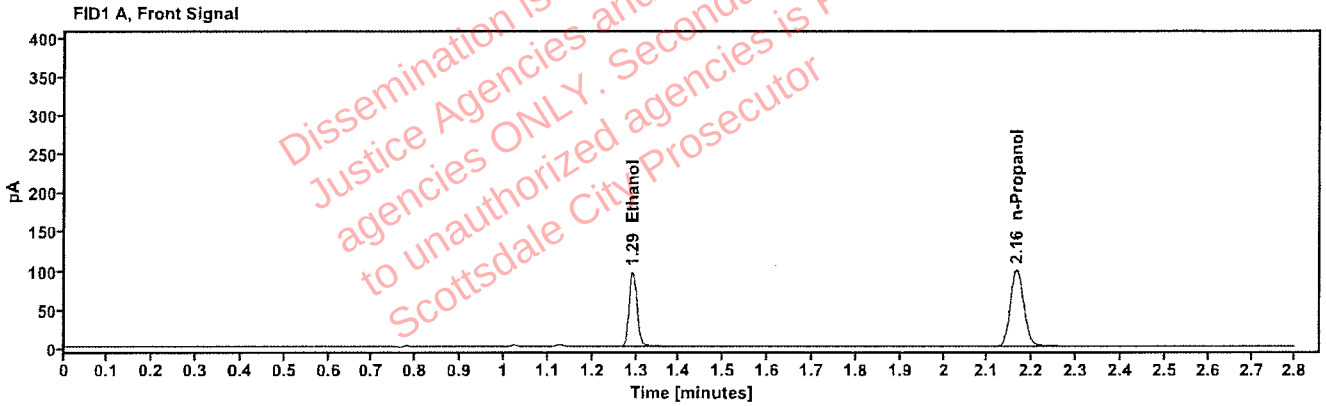

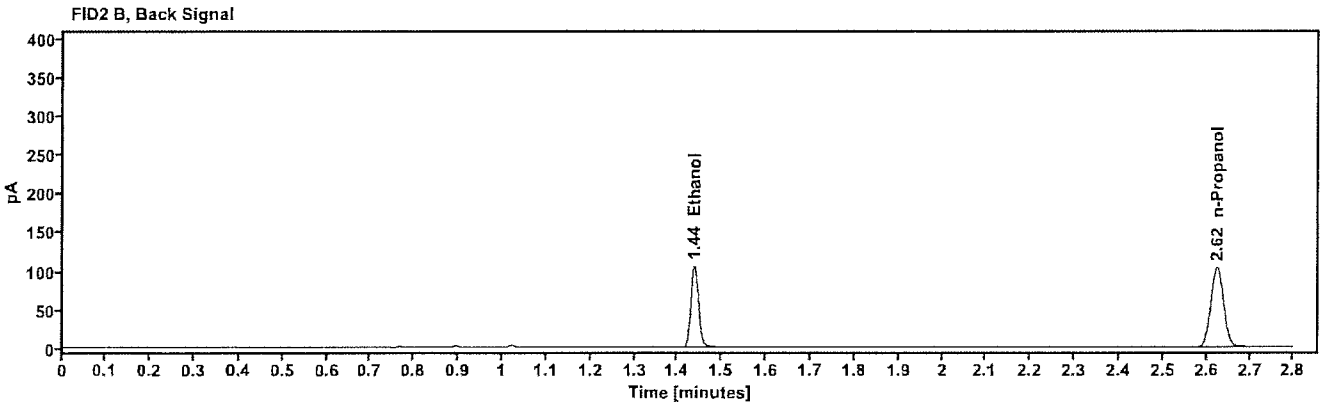

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1545	1.292	122.897
n-Propanol	------	2.165	206.324

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

Compound	Time (min)	Peak Area
Ethanol	1.438	127.182
n-Propanol	2.624	213.429

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621649-1	**Vial:**	21
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:37:27 AM
Data file:	C:\Chem32\1\Data\03Nov26\21.D	**Analyst:**	Arroyo

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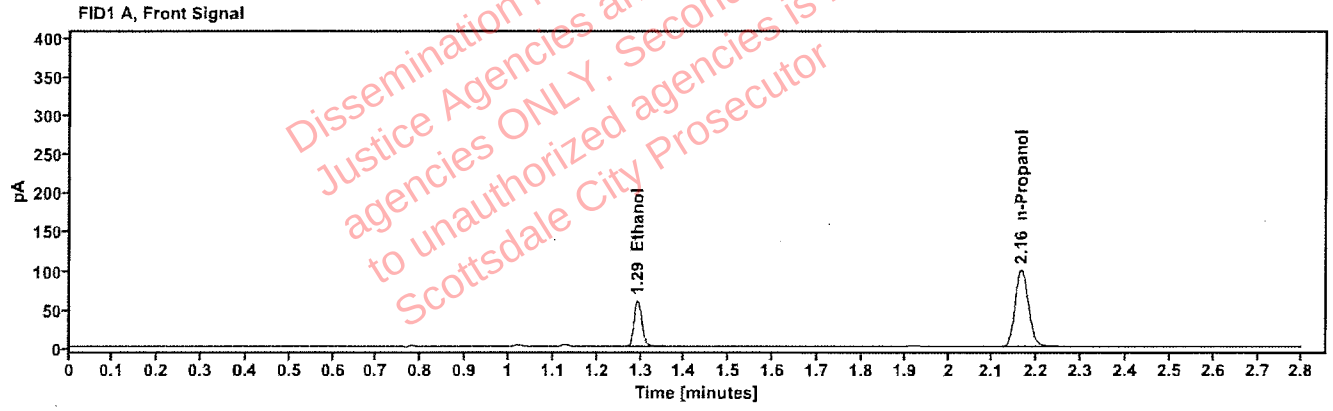

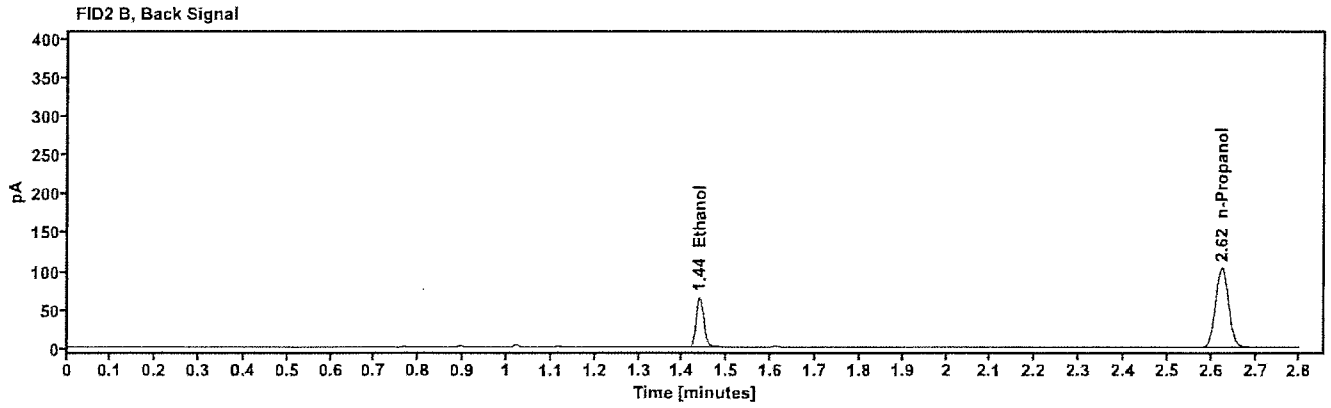

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0957	1.292	75.303
n-Propanol	-----	2.165	206.110

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

Compound	Time (min)	Peak Area
Ethanol	1.438	77.779
n-Propanol	2.624	213.380

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621649-1	**Vial:**	22
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:41:15 AM
Data file:	C:\Chem32\1\Data\03Nov26\22.D	**Analyst:**	Arroyo

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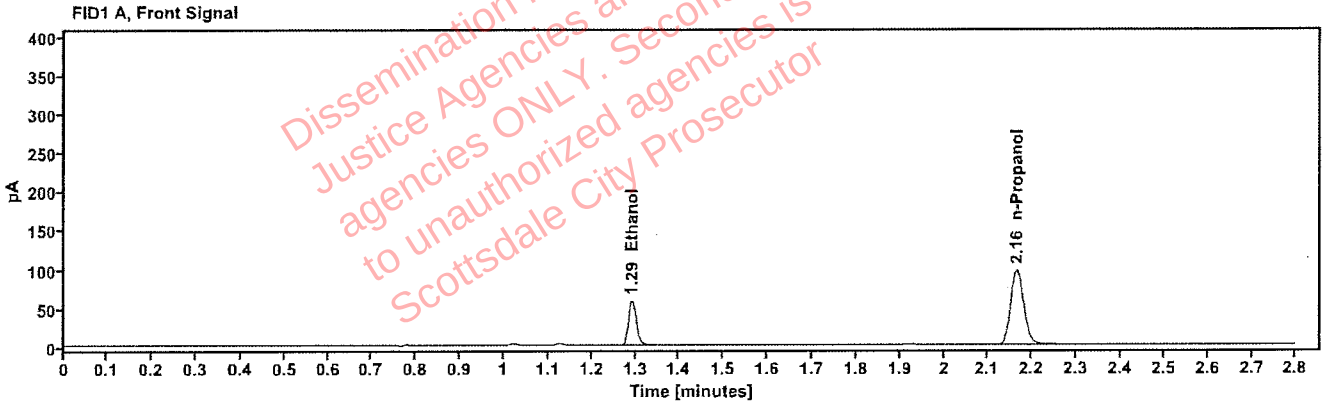

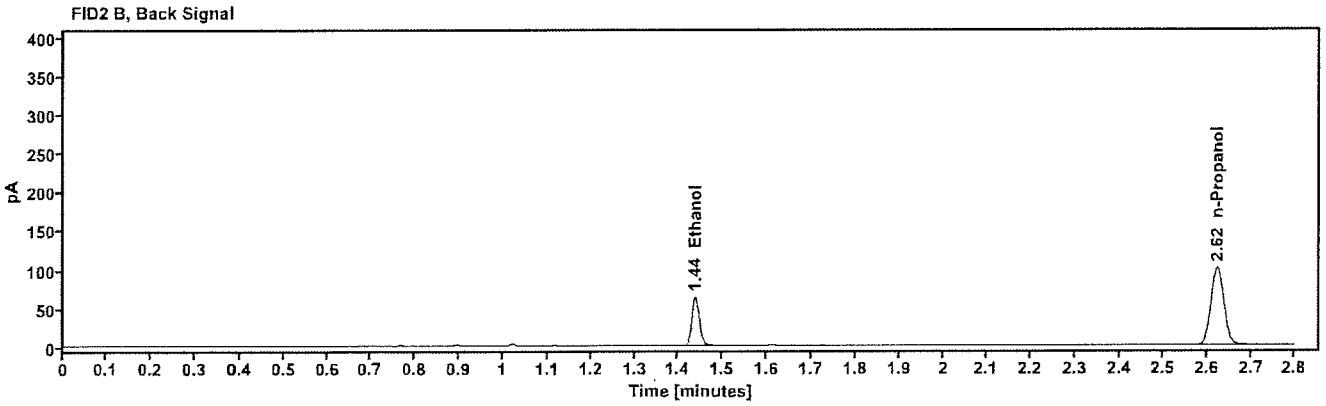

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0959	1.292	73.223
n-Propanol	-----	2.165	200.158

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

Compound	Time (min)	Peak Area
Ethanol	1.438	75.650
n-Propanol	2.624	207.130

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621852-2	**Vial:**	23
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:45:02 AM
Data file:	C:\Chem32\1\Data\03Nov26\23.D	**Analyst:**	Arroyo

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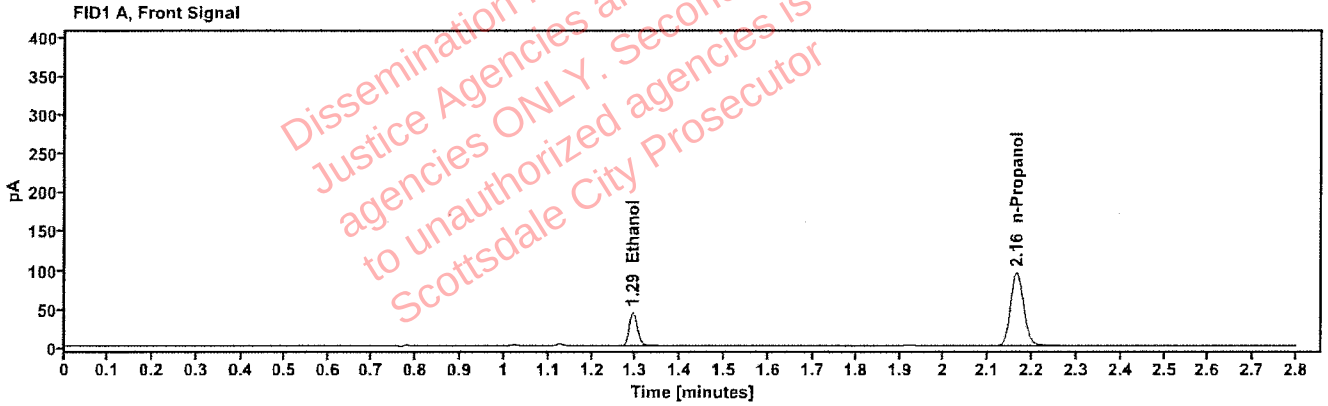

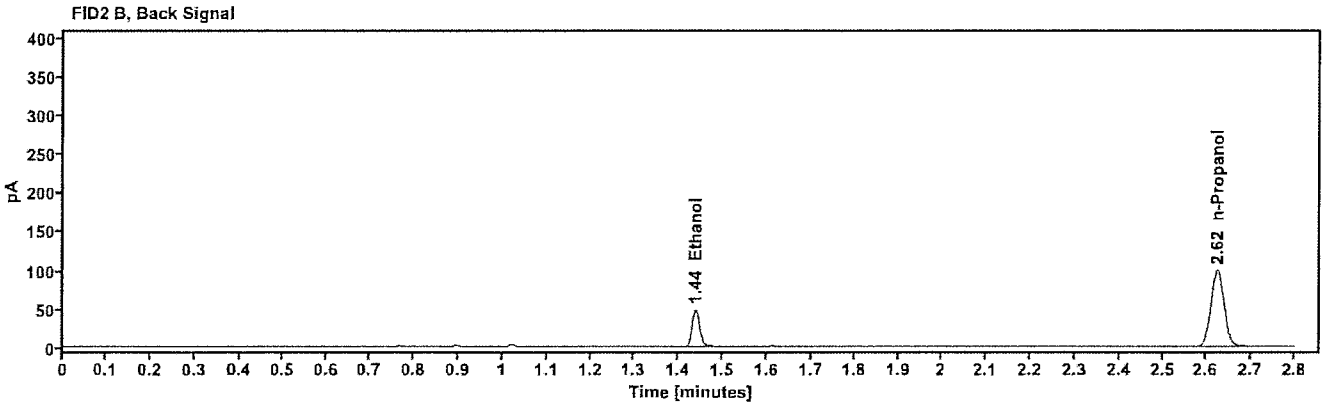

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0745	1.293	55.482
n-Propanol	-----	2.165	196.777

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

Compound	Time (min)	Peak Area
Ethanol	1.438	57.410
n-Propanol	2.624	203.907

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621852-2	**Vial:**	24
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:48:51 AM
Data file:	C:\Chem32\1\Data\03Nov26\24.D	**Analyst:**	Arroyo

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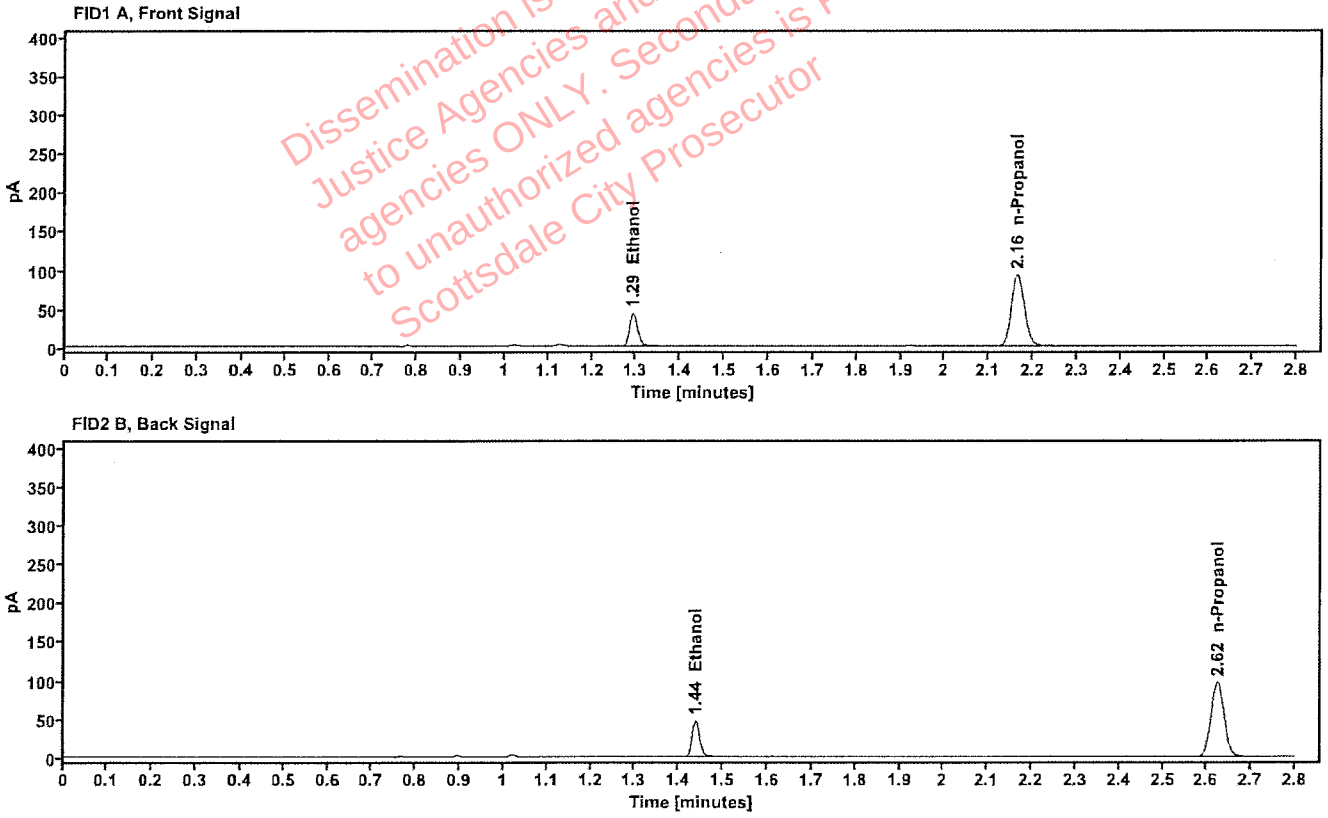

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0745	1.293	54.348
n-Propanol	-----	2.165	192.565

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

Compound	Time (min)	Peak Area
Ethanol	1.438	56.159
n-Propanol	2.624	199.537

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622053-2	**Vial:**	25
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:53:50 AM
Data file:	C:\Chem32\1\Data\03Nov26\25.D	**Analyst:**	Arroyo

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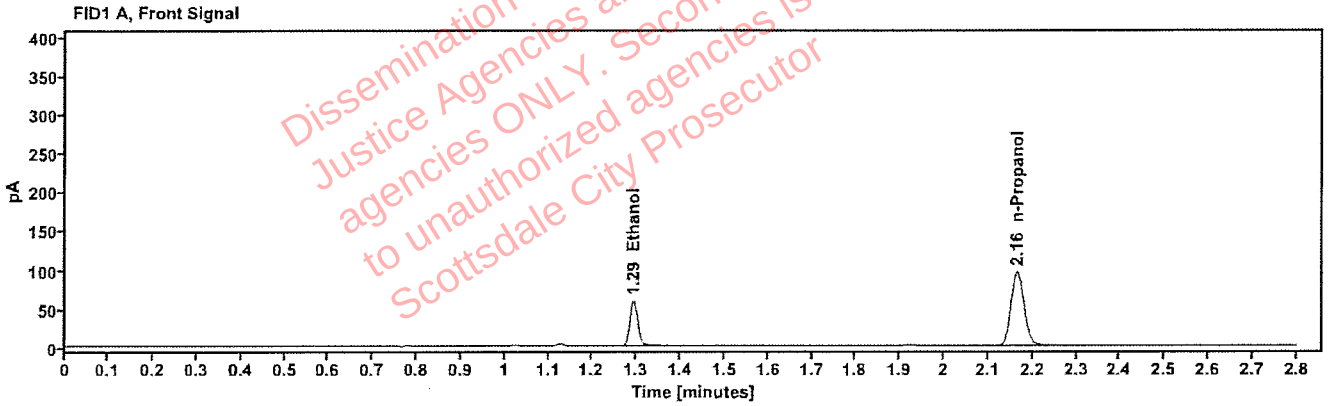

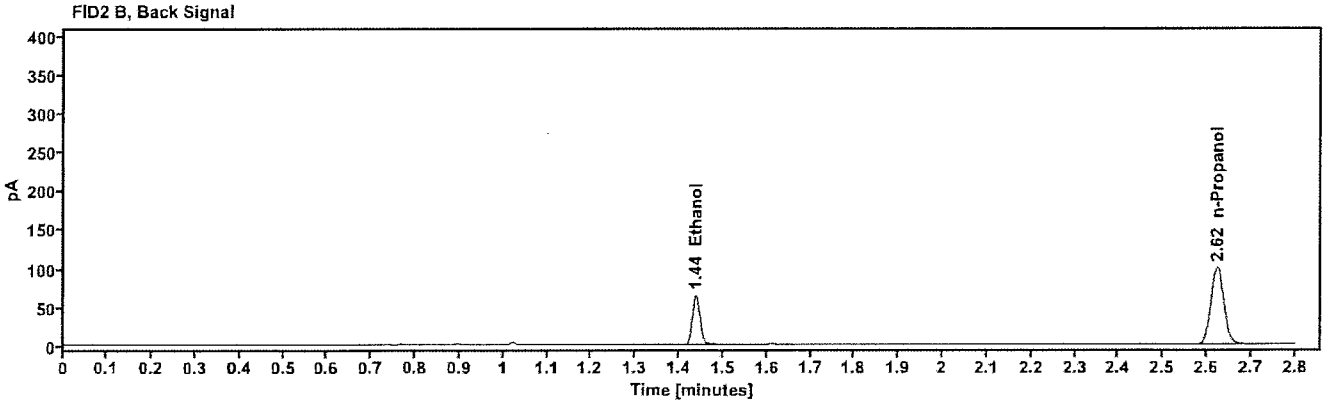

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0978	1.292	74.092
n-Propanol	-----	2.165	198.363

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

Compound	Time (min)	Peak Area
Ethanol	1.438	76.503
n-Propanol	2.624	205.478

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622053-2	**Vial:**	26
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 11:57:39 AM
Data file:	C:\Chem32\1\Data\03Nov26\26.D	**Analyst:**	Arroyo

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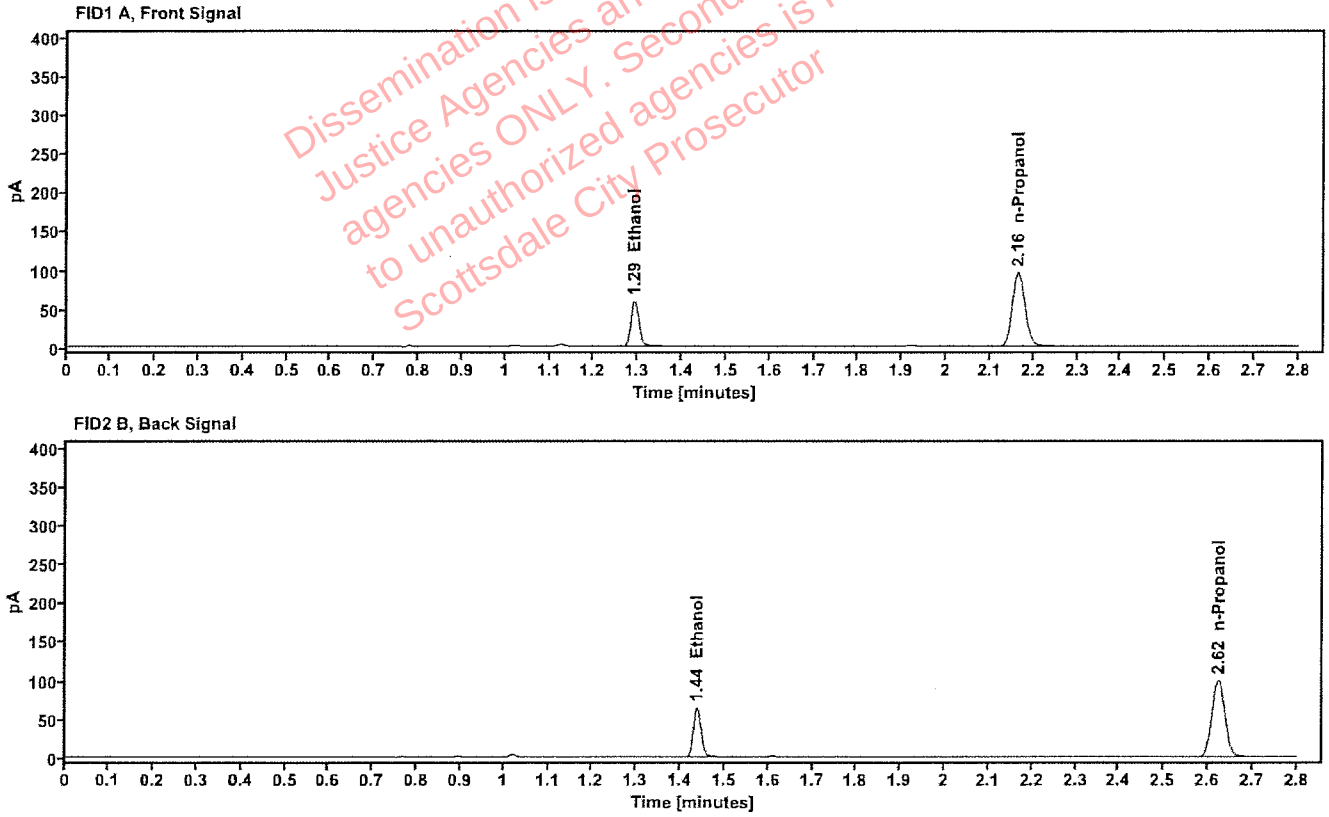

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0983	1.292	74.445
n-Propanol	-----	2.164	198.352

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

Compound	Time (min)	Peak Area
Ethanol	1.438	76.960
n-Propanol	2.624	205.290

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622085-2	**Vial:**	27
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:01:27 PM
Data file:	C:\Chem32\1\Data\03Nov26\27.D	**Analyst:**	Arroyo

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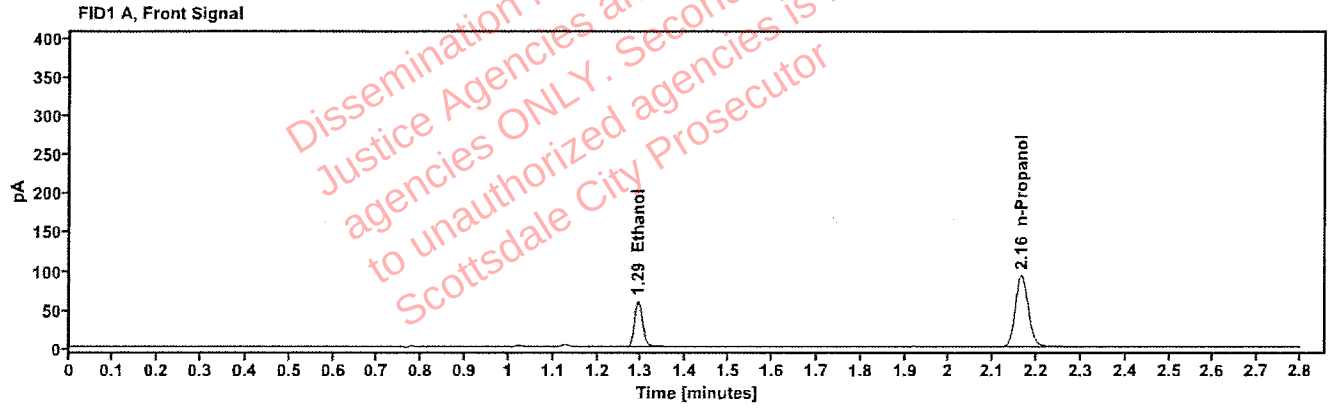

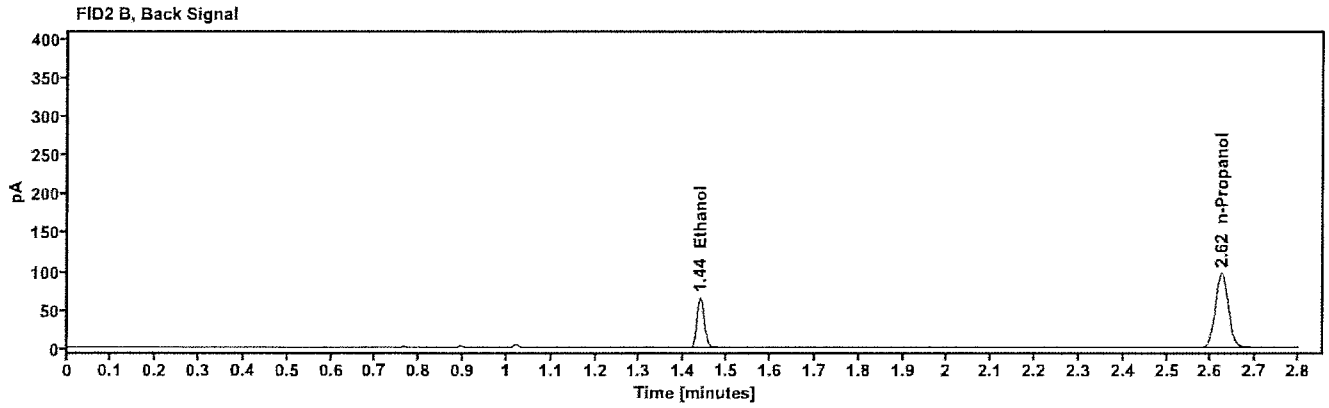

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1023	1.292	75.006
n-Propanol	-----	2.165	191.832

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

Compound	Time (min)	Peak Area
Ethanol	1.438	77.545
n-Propanol	2.624	198.459

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622085-2	**Vial:**	28
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:05:14 PM
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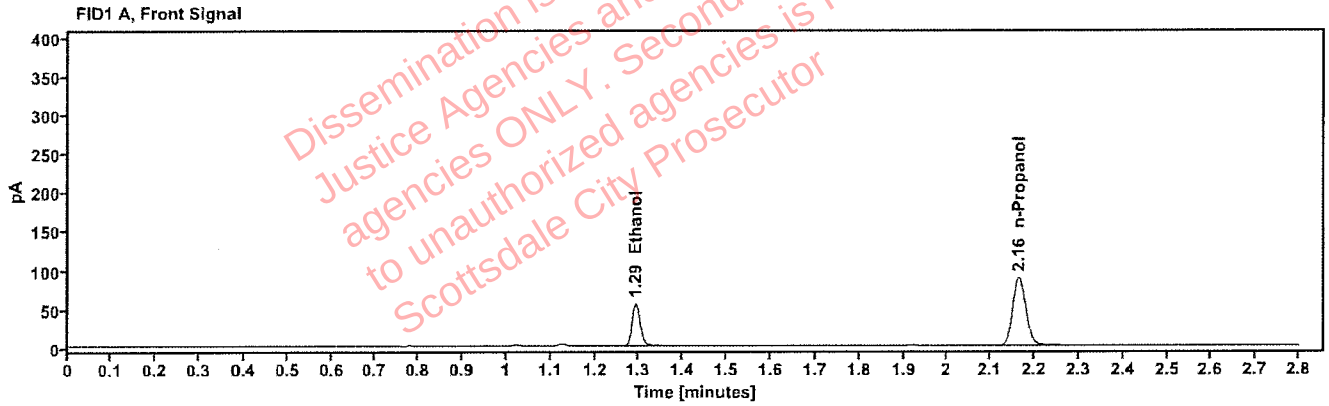

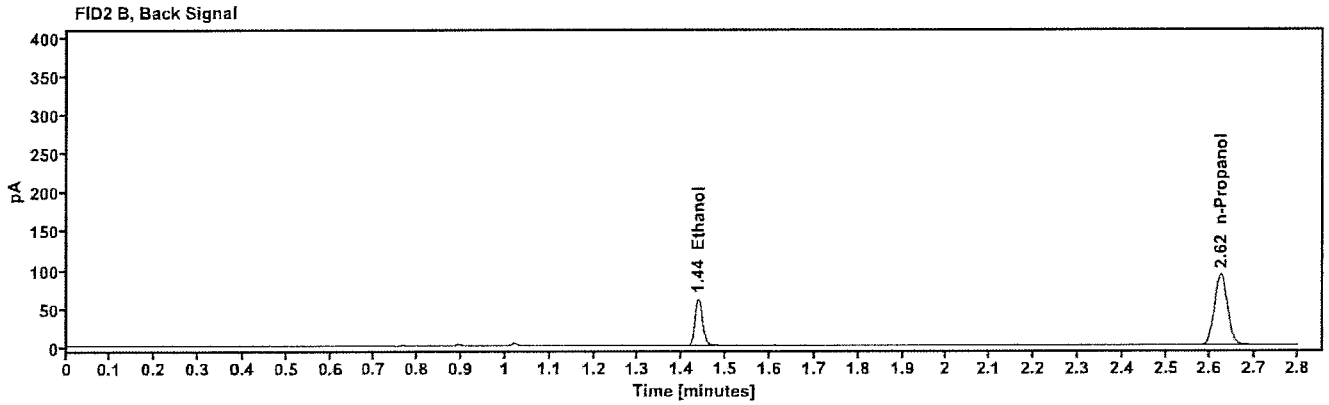

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1008	1.292	70.501
n-Propanol	----	2.164	183.089

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

Compound	Time (min)	Peak Area
Ethanol	1.437	72.848
n-Propanol	2.623	189.490

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622097-2	**Vial:**	29
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:09:03 PM
Data file:	C:\Chem32\1\Data\03Nov26\29.D	**Analyst:**	Arroyo

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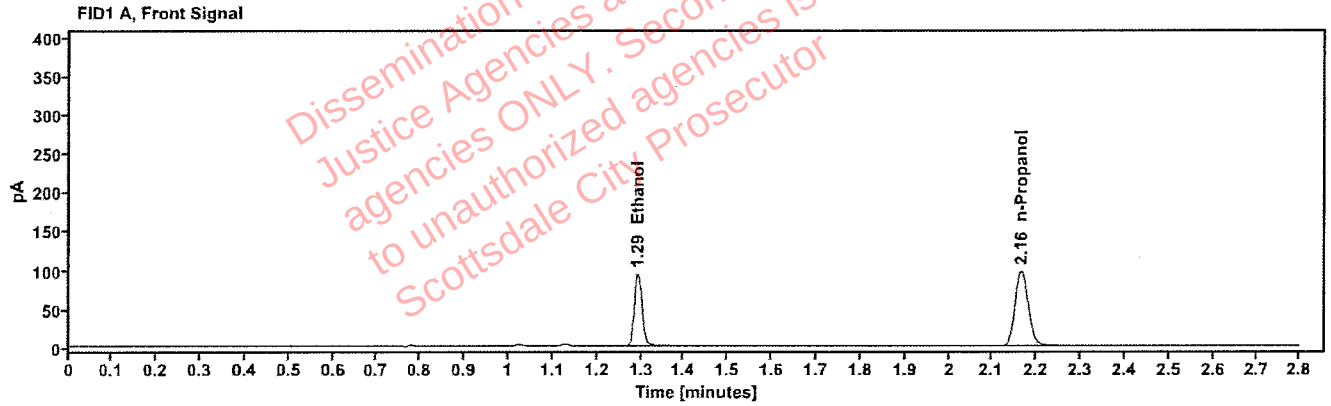

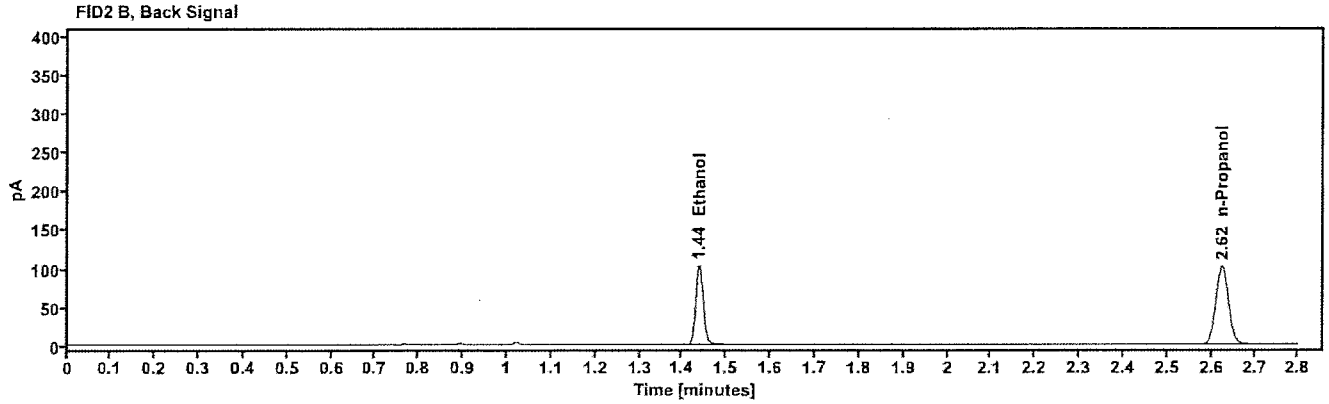

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1533	1.292	119.141
n-Propanol	-----	2.165	201.562

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

Compound	Time (min)	Peak Area
Ethanol	1.438	123.109
n-Propanol	2.624	208.431

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622097-2	**Vial:**	30
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:12:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\30.D	**Analyst:**	Arroyo

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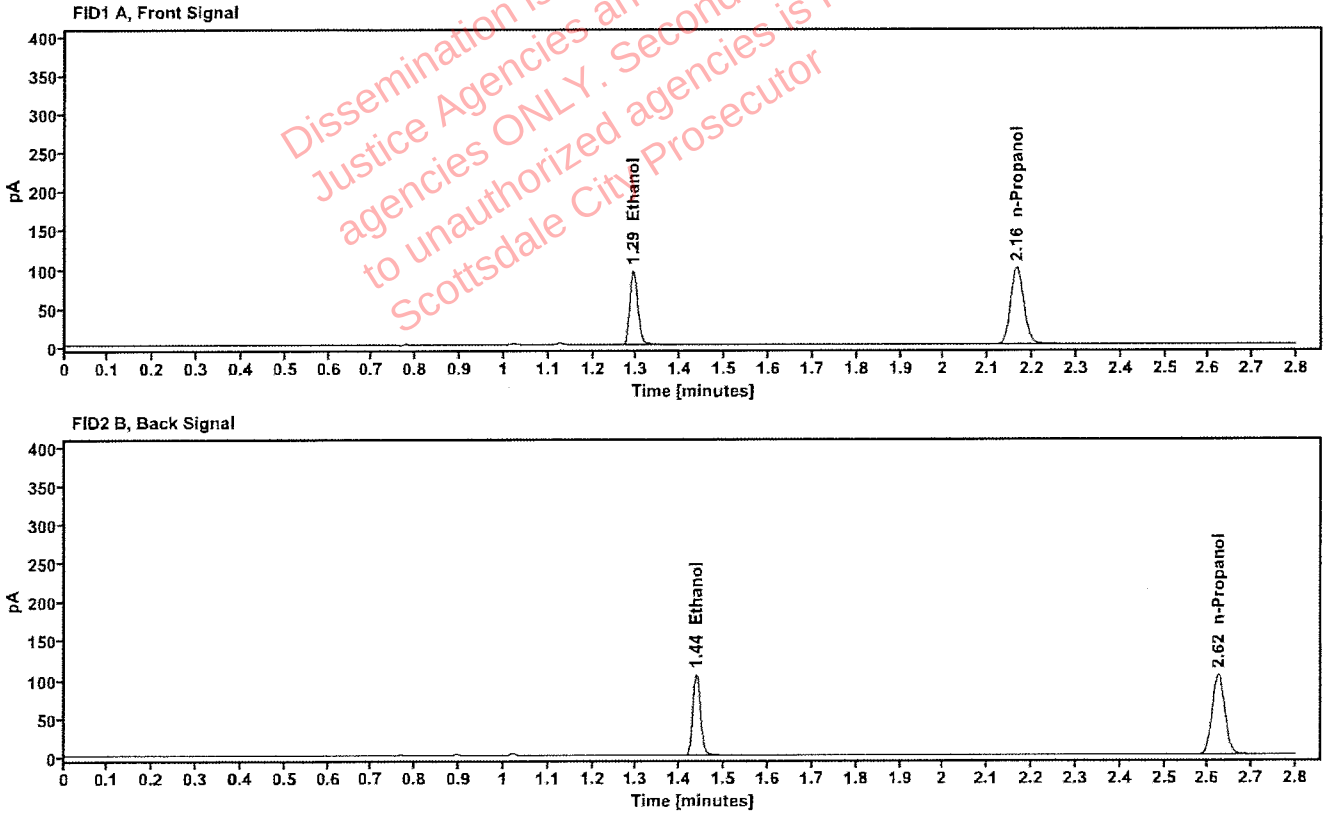

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1538	1.292	122.603
n-Propanol	----	2.164	206.772

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

Compound	Time (min)	Peak Area
Ethanol	1.438	126.735
n-Propanol	2.624	213.960

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622123-1	**Vial:**	32
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:21:38 PM
Data file:	C:\Chem32\1\Data\03Nov26\32.D	**Analyst:**	Arroyo

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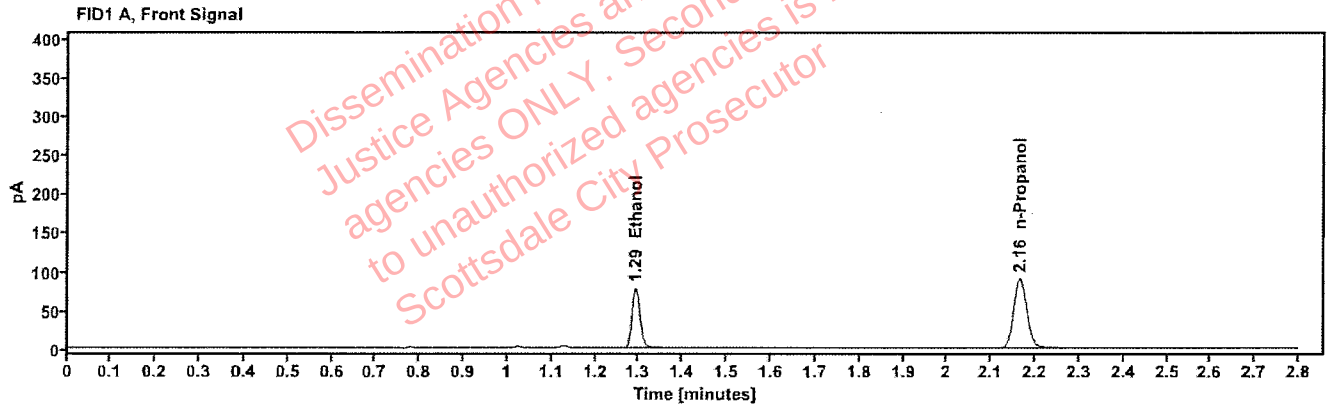

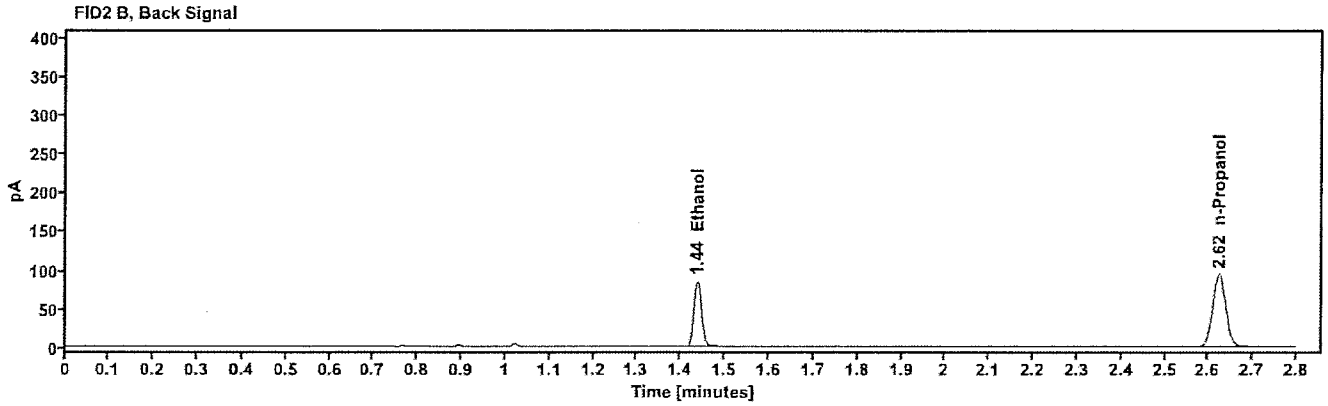

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1378	1.292	98.991
n-Propanol	------	2.165	186.660

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

Compound	Time (min)	Peak Area
Ethanol	1.438	102.334
n-Propanol	2.624	193.404

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622123-1	**Vial:**	33
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:25:27 PM
Data file:	C:\Chem32\1\Data\03Nov26\33.D	**Analyst:**	Arroyo

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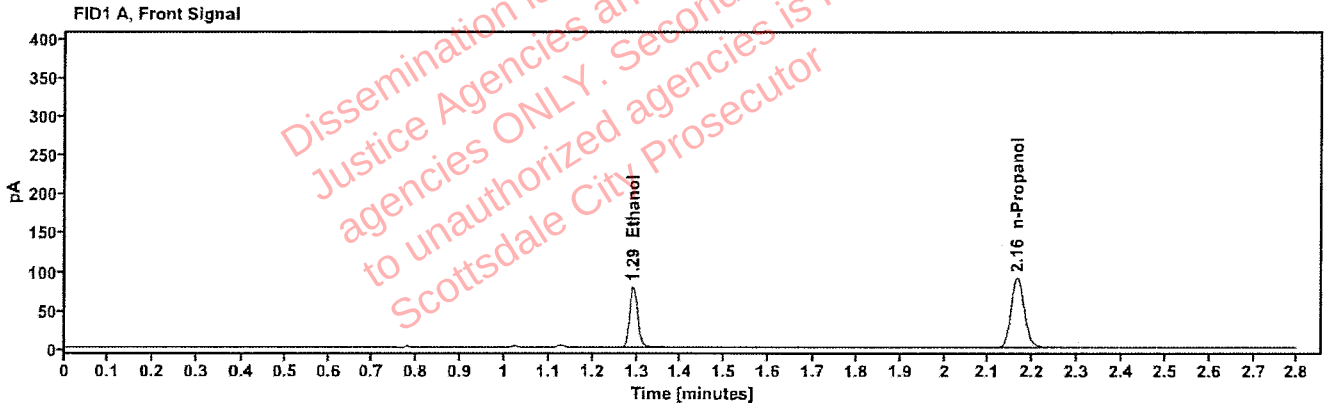

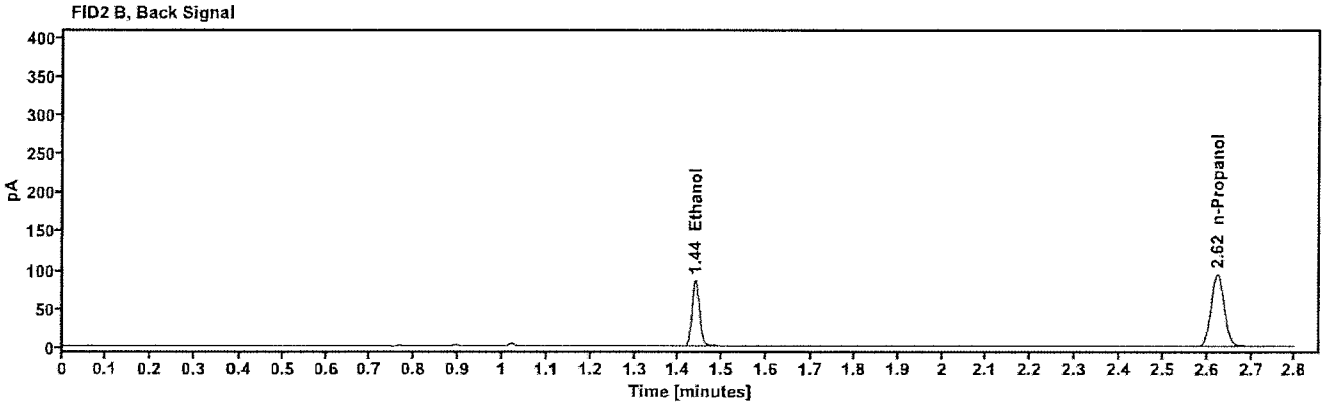

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1380	1.292	99.241
n-Propanol	-----	2.165	186.897

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

Compound	Time (min)	Peak Area
Ethanol	1.438	102.661
n-Propanol	2.624	193.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621982-2	**Vial:**	34
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:29:15 PM
Data file:	C:\Chem32\1\Data\03Nov26\34.D	**Analyst:**	Arroyo

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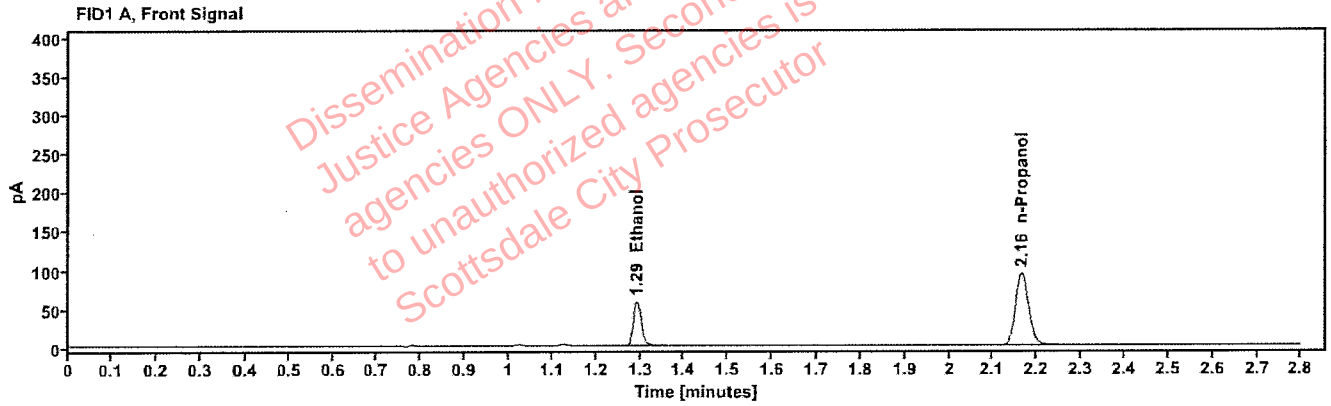

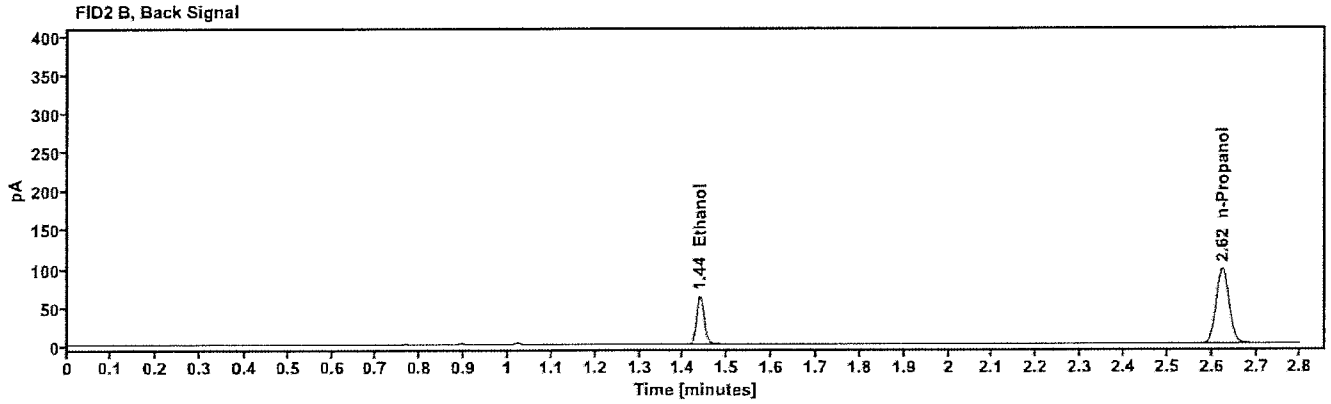

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0979	1.292	72.484
n-Propanol	------	2.165	193.893

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

Compound	Time (min)	Peak Area
Ethanol	1.438	74.963
n-Propanol	2.624	200.921

[redacted] Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621982-2	**Vial:**	35
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:33:03 PM
Data file:	C:\Chem32\1\Data\03Nov26\35.D	**Analyst:**	Arroyo

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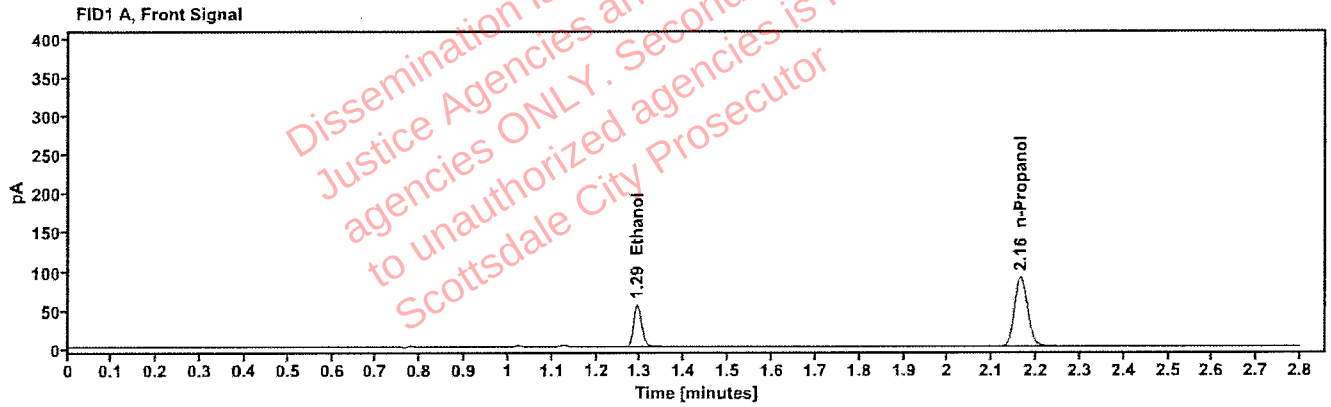

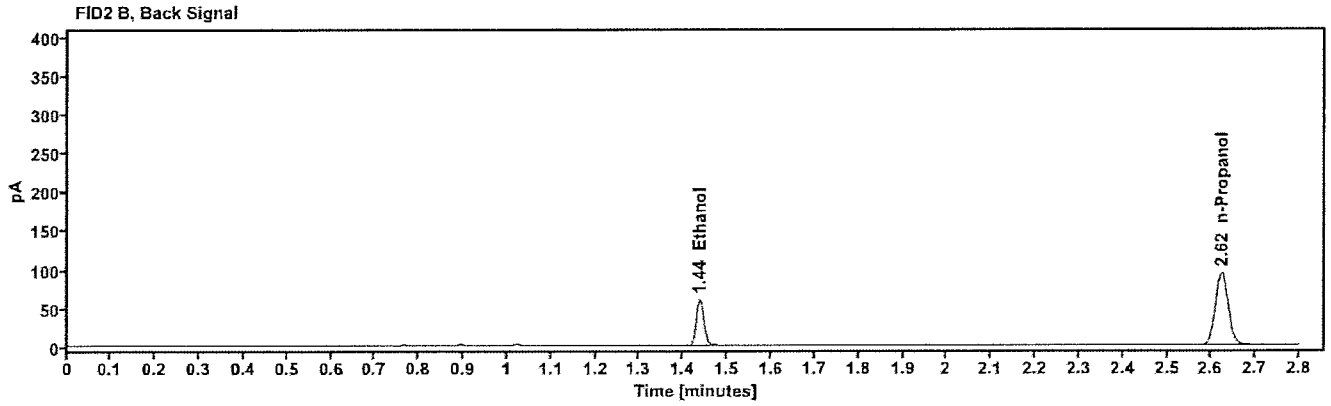

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0969	1.292	69.145
n-Propanol	-----	2.164	186.885

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

Compound	Time (min)	Peak Area
Ethanol	1.438	71.477
n-Propanol	2.624	193.640

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621997-2	**Vial:**	36
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:36:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\36.D	**Analyst:**	Arroyo

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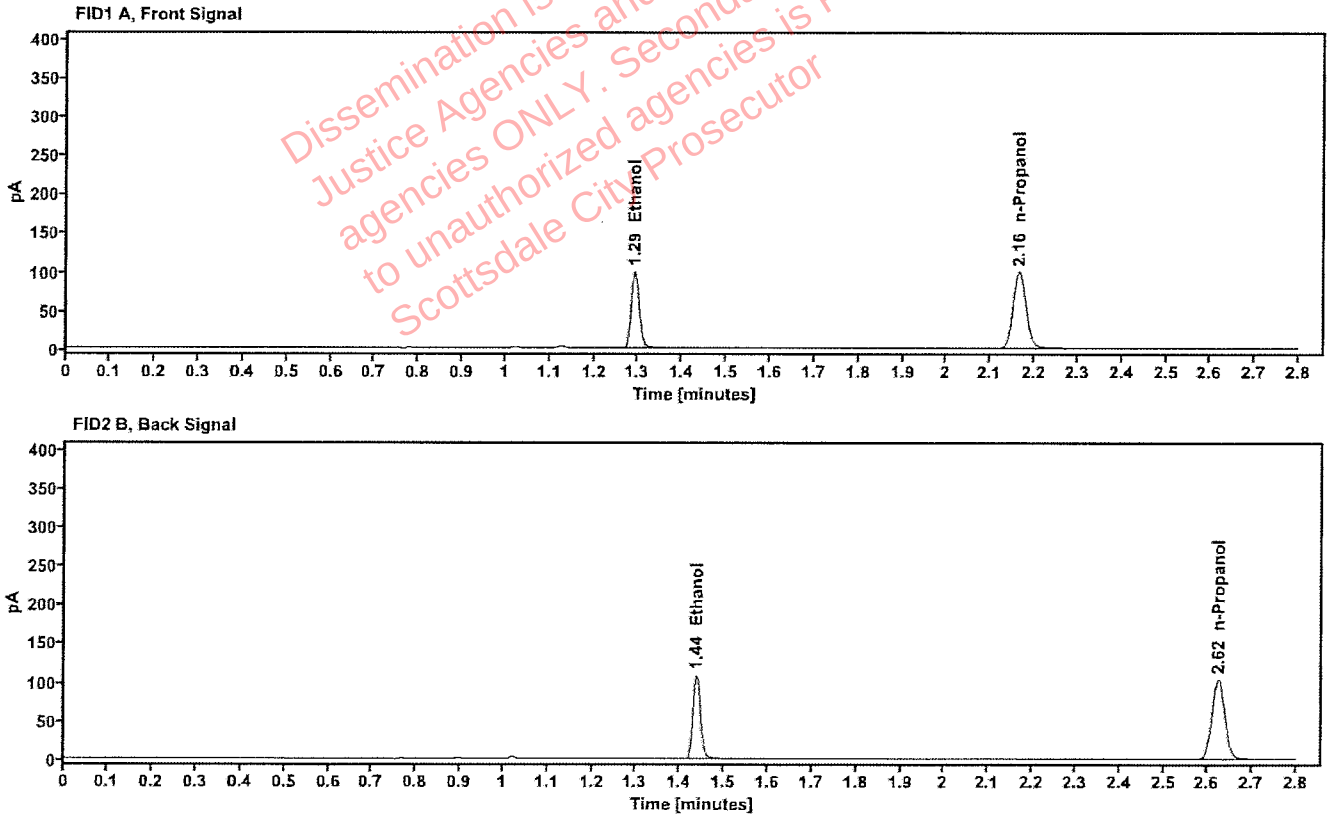

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1584	1.292	125.656
n-Propanol	——	2.164	205.658

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

Compound	Time (min)	Peak Area
Ethanol	1.438	130.046
n-Propanol	2.624	212.942

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621997-2	**Vial:**	37
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:41:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\37.D	**Analyst:**	Arroyo

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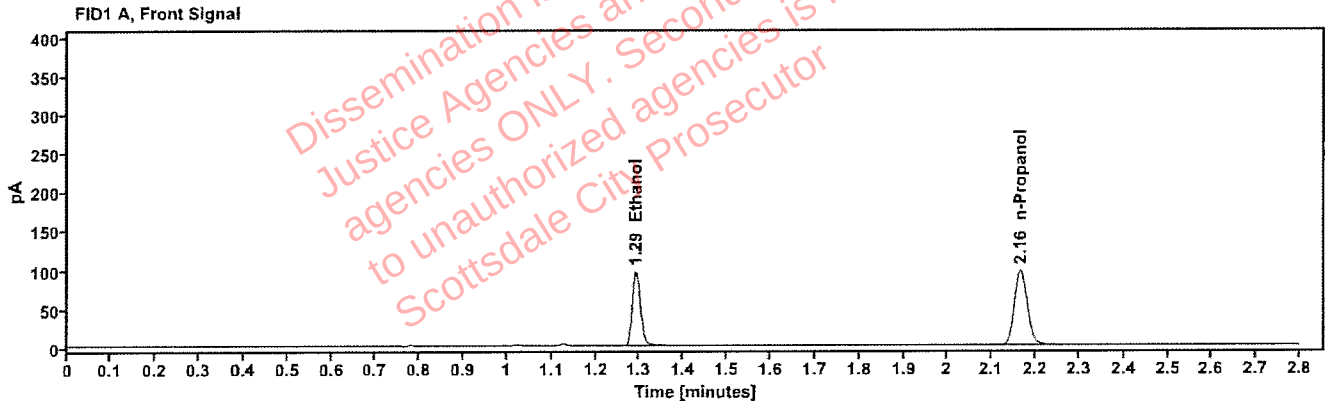

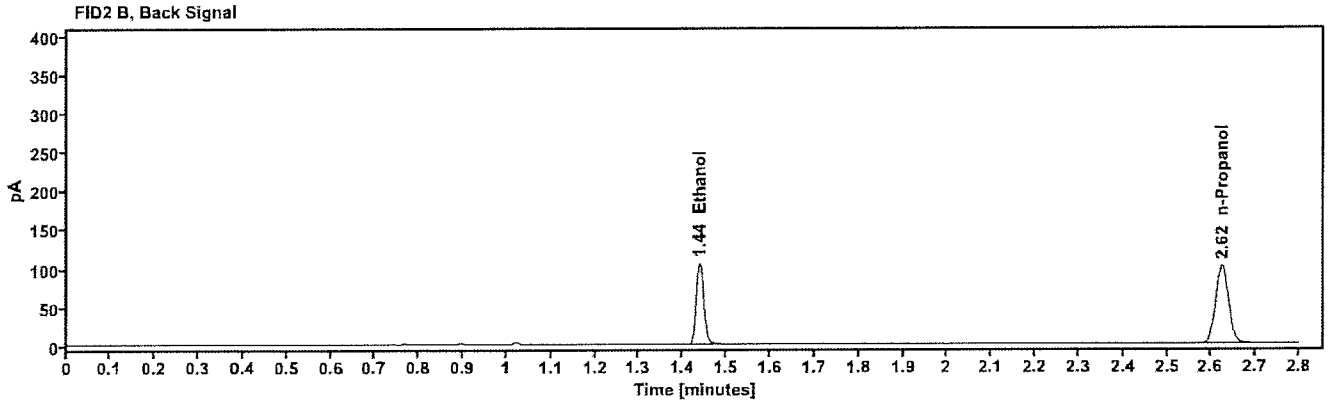

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1583	1.292	122.633
n-Propanol	-----	2.165	200.823

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

Compound	Time (min)	Peak Area
Ethanol	1.438	126.920
n-Propanol	2.624	208.047

[redacted] Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622089-2	**Vial:**	38
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:45:39 PM
Data file:	C:\Chem32\1\Data\03Nov26\38.D	**Analyst:**	Arroyo

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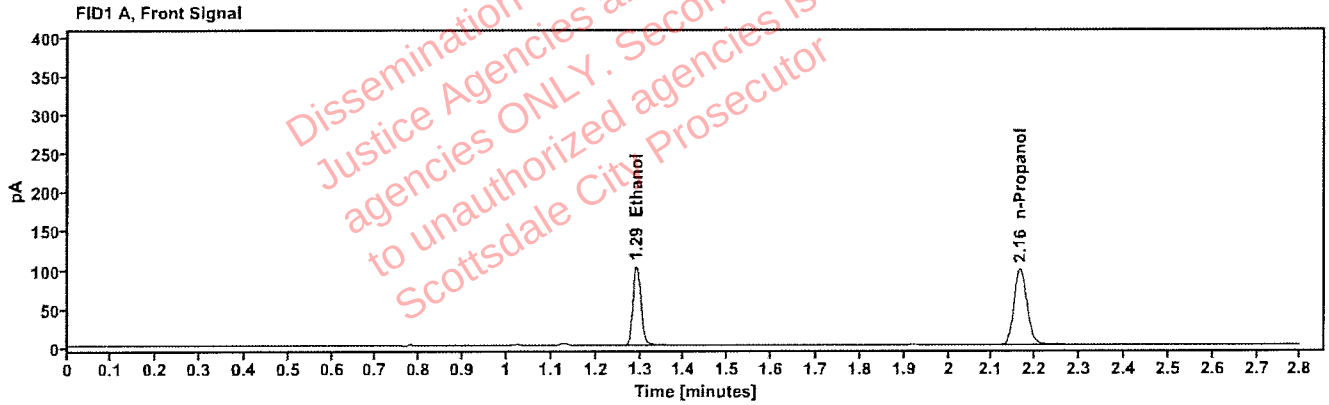

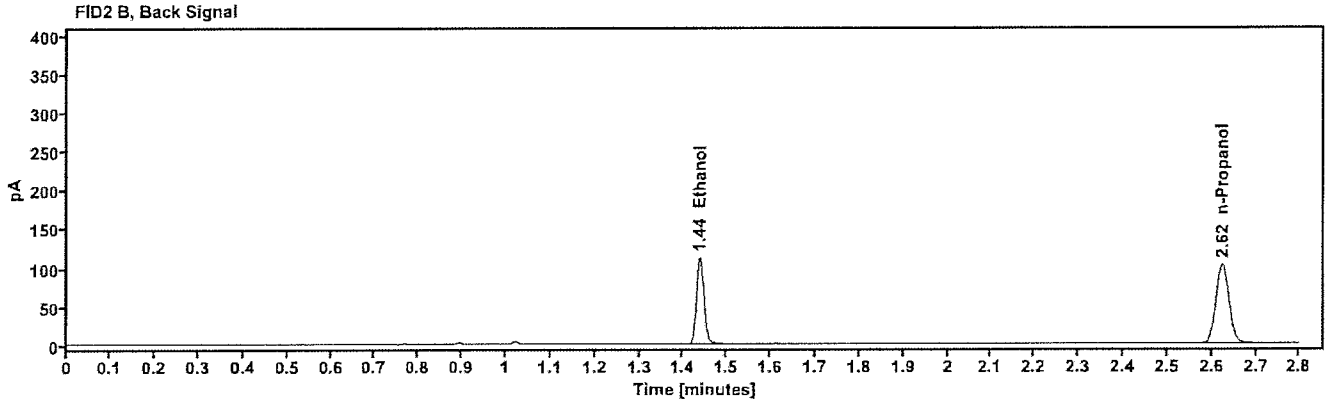

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1653	1.292	130.285
n-Propanol	-----	2.165	204.158

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

Compound	Time (min)	Peak Area
Ethanol	1.438	134.801
n-Propanol	2.624	211.281

[redacted] : Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622089-2	**Vial:**	39
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:49:27 PM
Data file:	C:\Chem32\1\Data\03Nov26\39.D	**Analyst:**	Arroyo

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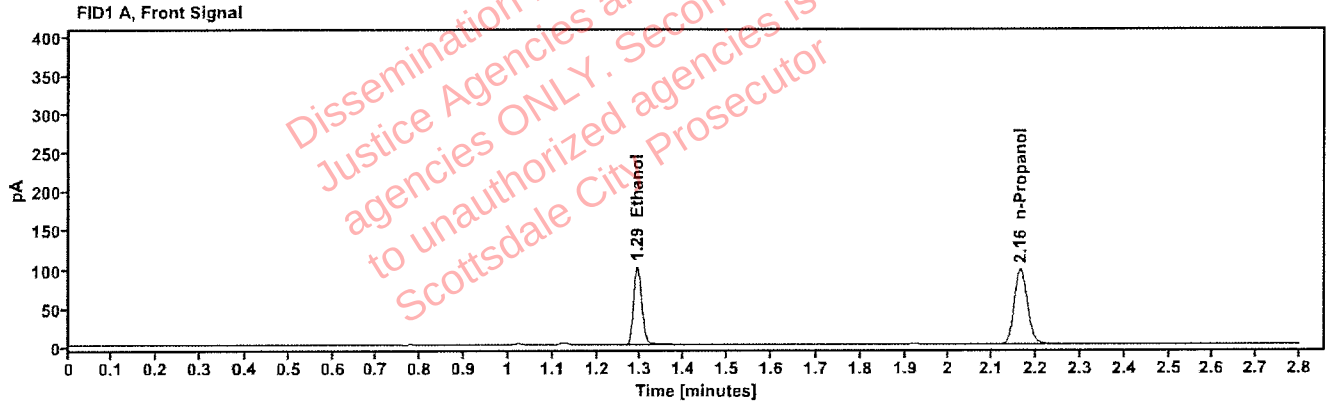

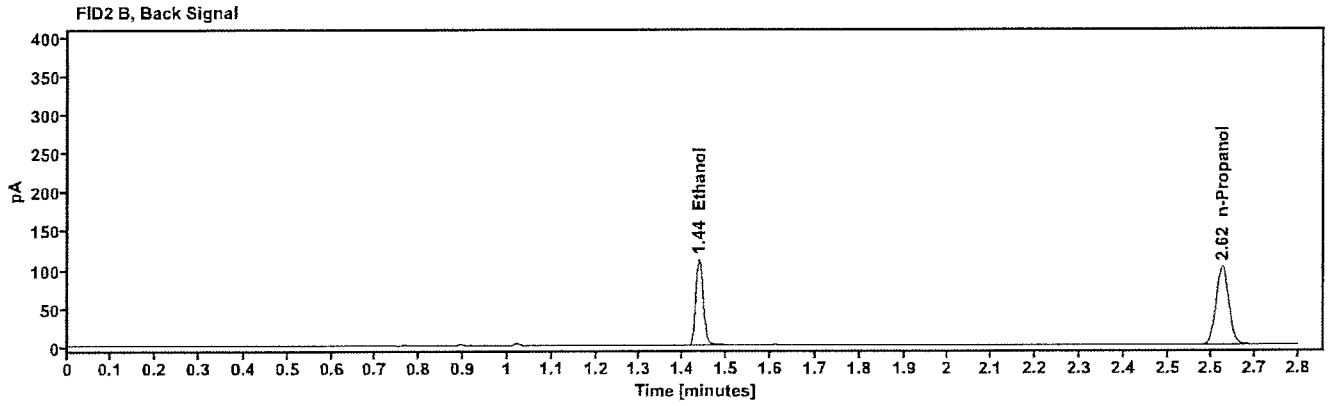

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1654	1.292	128.704
n-Propanol	-----	2.165	201.530

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

Compound	Time (min)	Peak Area
Ethanol	1.438	133.199
n-Propanol	2.624	208.439

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621578-2	**Vial:**	40
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:53:15 PM
Data file:	C:\Chem32\1\Data\03Nov26\40.D	**Analyst:**	Arroyo

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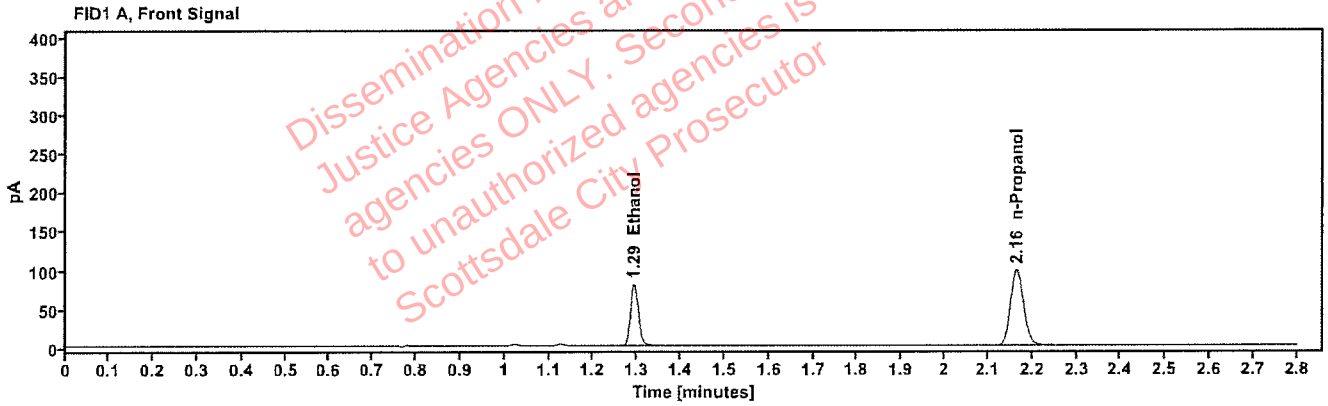

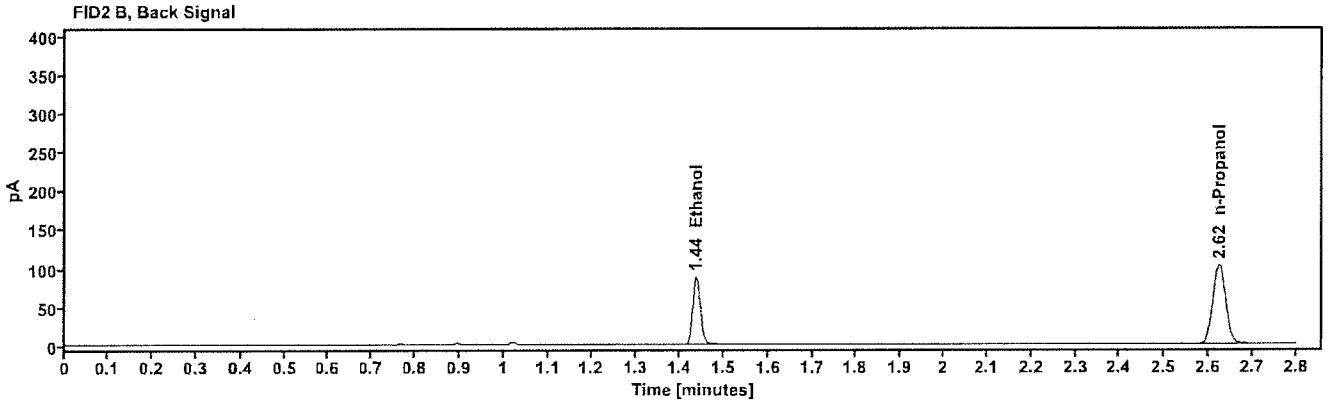

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1298	1.292	101.531
n-Propanol	-----	2.165	203.501

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

Compound	Time (min)	Peak Area
Ethanol	1.438	105.106
n-Propanol	2.624	210.581

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621578-2	**Vial:**	41
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 12:57:03 PM
Data file:	C:\Chem32\1\Data\03Nov26\41.D	**Analyst:**	Arroyo

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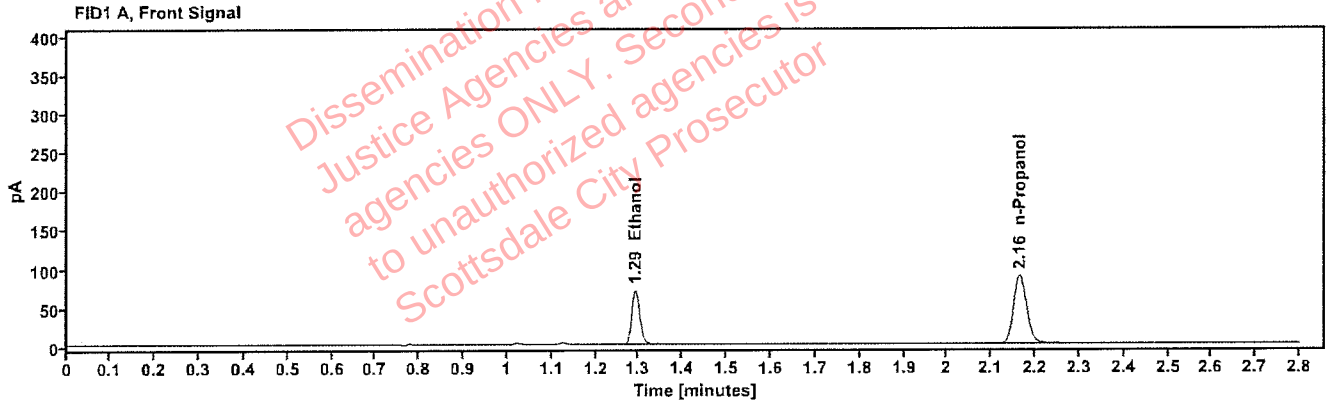

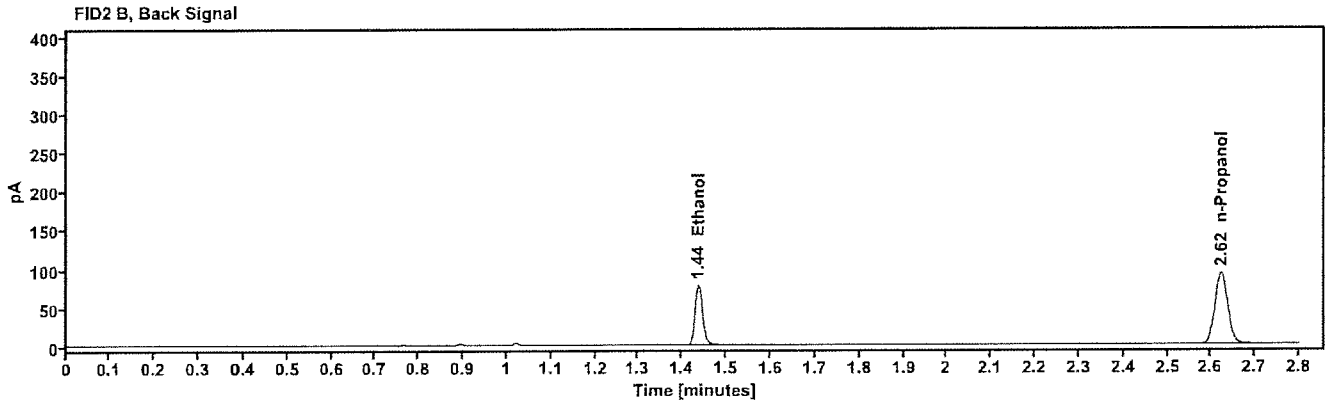

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1272	1.292	89.867
n-Propanol	------	2.164	183.857

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

Compound	Time (min)	Peak Area
Ethanol	1.437	92.917
n-Propanol	2.624	190.298

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622084-1	**Vial:**	43
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:05:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\43.D	**Analyst:**	Arroyo

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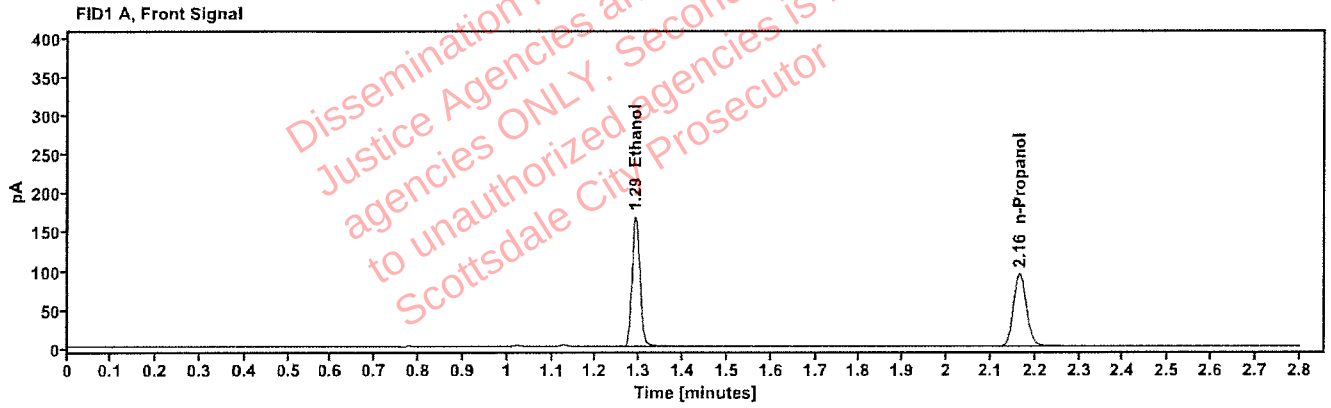

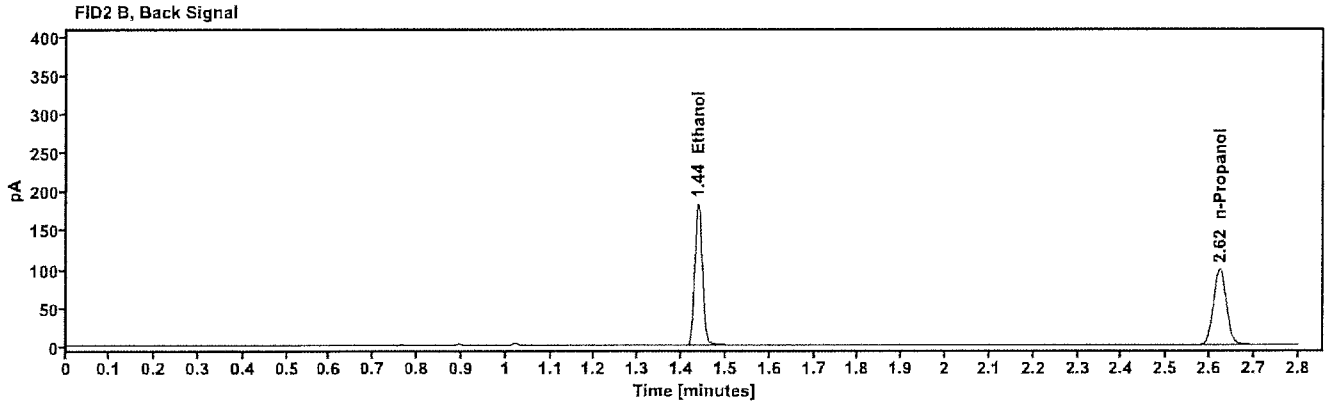

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2817	1.291	213.897
n-Propanol	-----	2.165	195.446

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

Compound	Time (min)	Peak Area
Ethanol	1.437	221.695
n-Propanol	2.624	202.245

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622084-1	**Vial:**	44
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:09:39 PM
Data file:	C:\Chem32\1\Data\03Nov26\44.D	**Analyst:**	Arroyo

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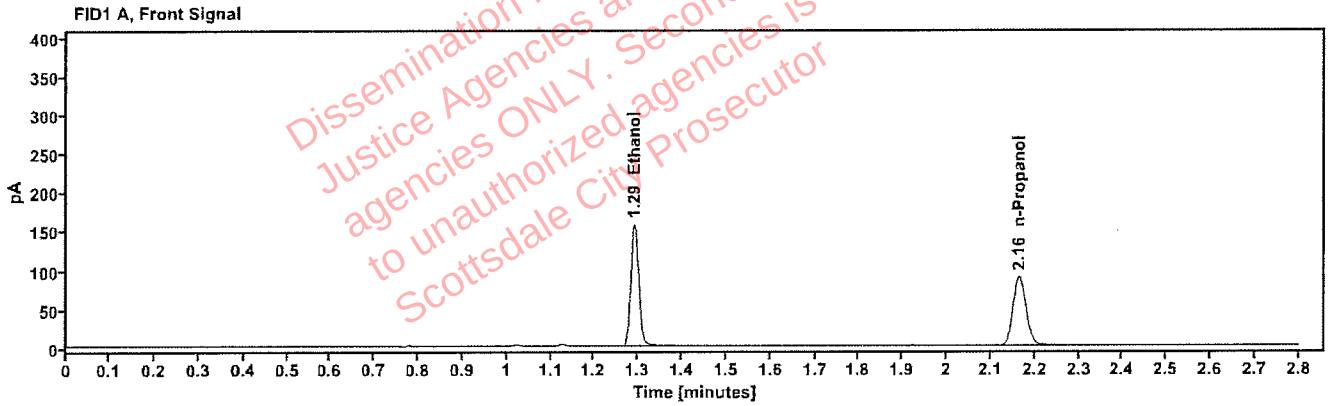

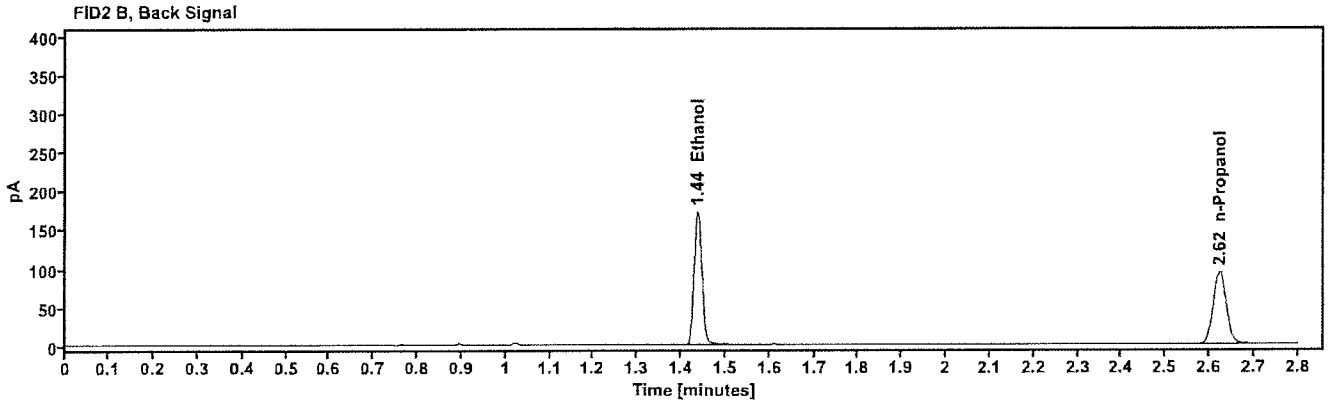

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2784	1.291	200.990
n-Propanol	------	2.164	185.803

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

Compound	Time (min)	Peak Area
Ethanol	1.437	208.437
n-Propanol	2.623	192.259

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622176-1	**Vial:**	45
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:13:27 PM
Data file:	C:\Chem32\1\Data\03Nov26\45.D	**Analyst:**	Arroyo

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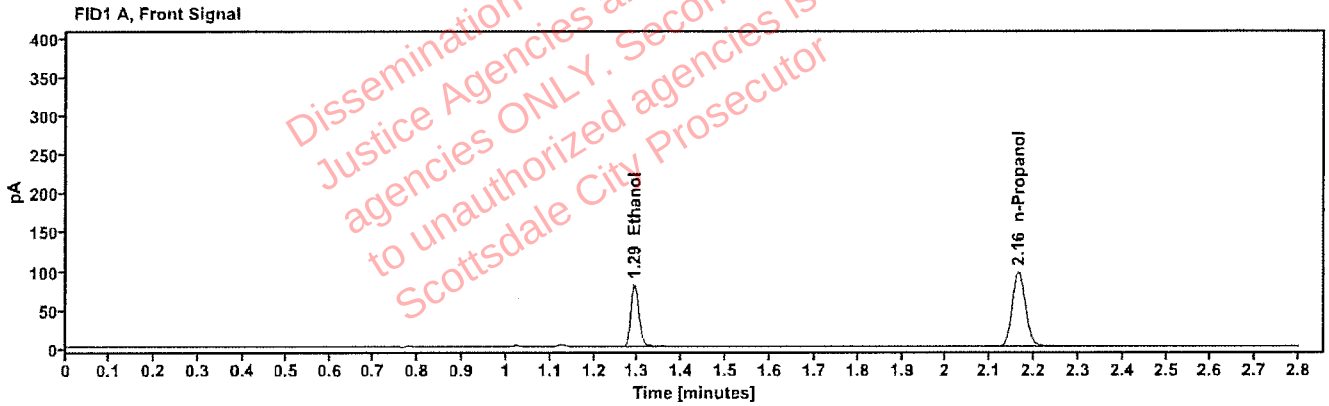

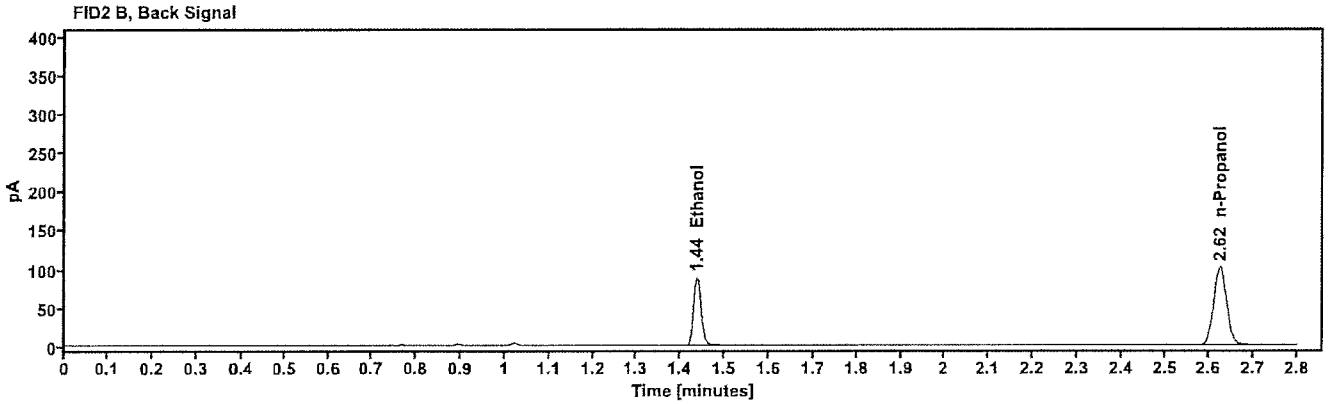

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1324	1.292	102.541
n-Propanol	----	2.164	201.359

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

Compound	Time (min)	Peak Area
Ethanol	1.438	106.036
n-Propanol	2.624	208.536

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622176-1	**Vial:**	46
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:17:15 PM
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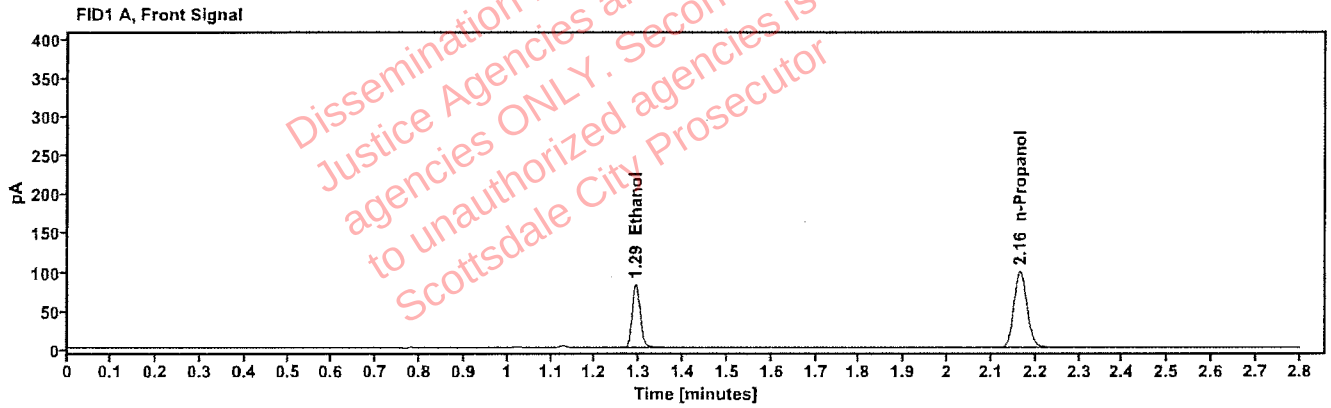

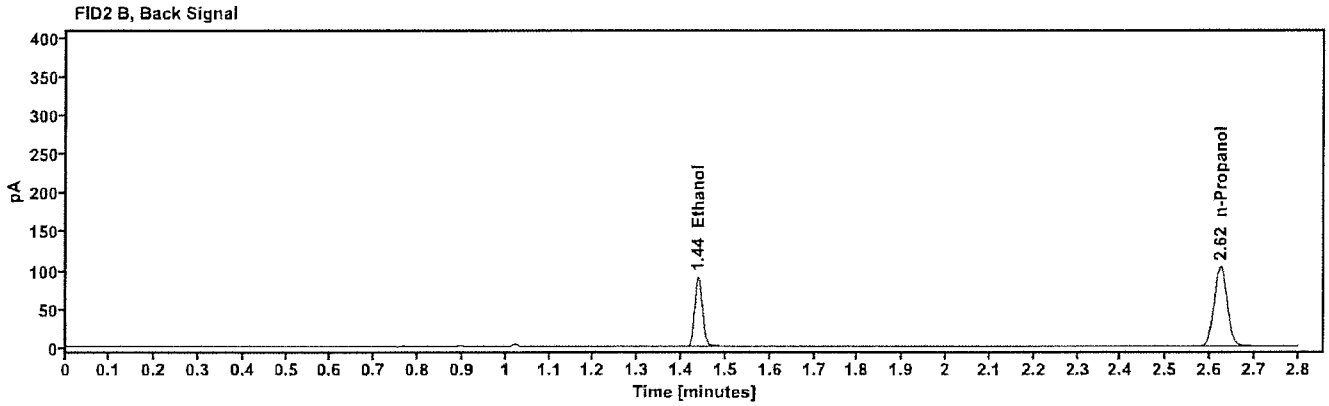

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1326	1.292	104.739
n-Propanol	------	2.164	205.445

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

Compound	Time (min)	Peak Area
Ethanol	1.438	108.178
n-Propanol	2.624	212.493

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622177-1	**Vial:**	47
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:21:03 PM
Data file:	C:\Chem32\1\Data\03Nov26\47.D	**Analyst:**	Arroyo

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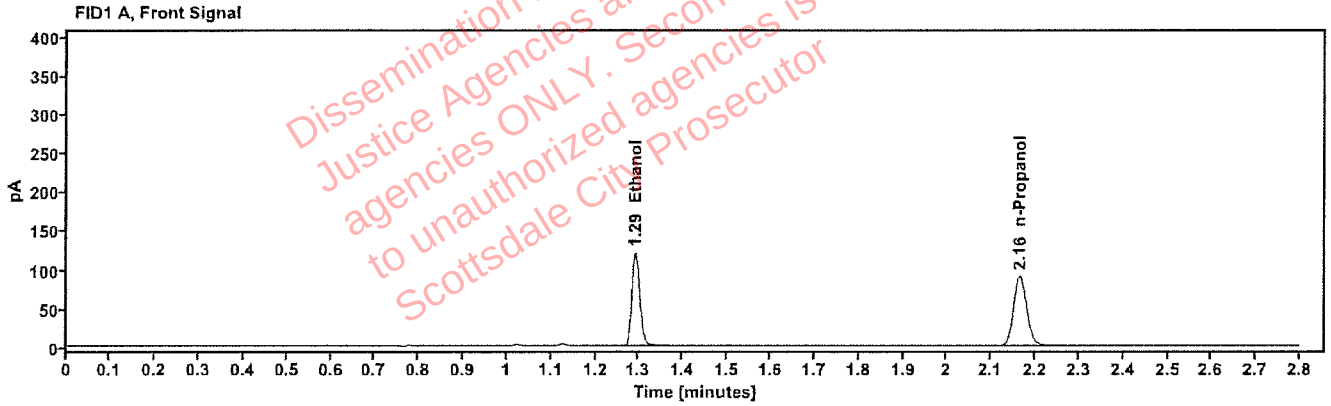

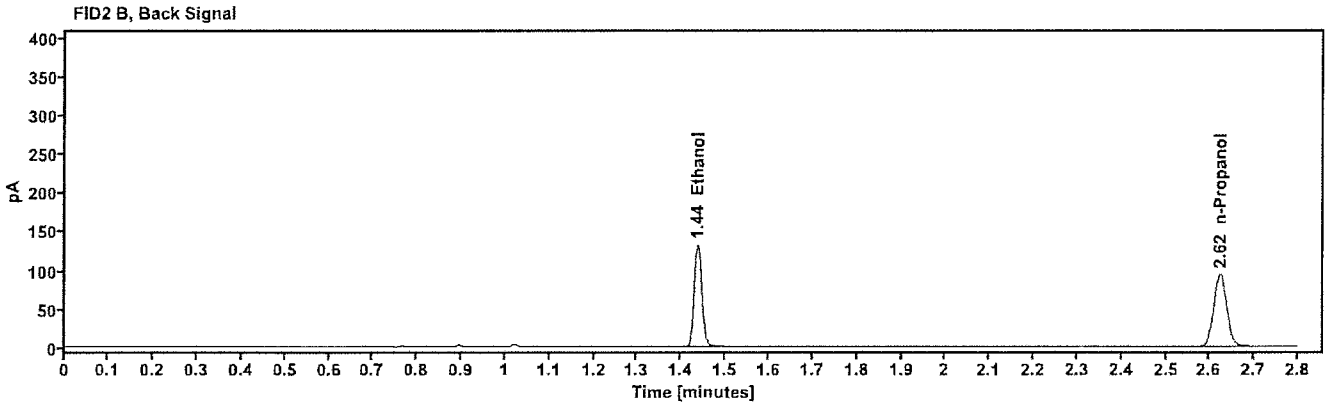

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2115	1.291	153.682
n-Propanol	-----	2.164	187.568

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

Compound	Time (min)	Peak Area
Ethanol	1.437	159.253
n-Propanol	2.624	193.895

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2622177-1	**Vial:**	48
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:24:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\48.D	**Analyst:**	Arroyo

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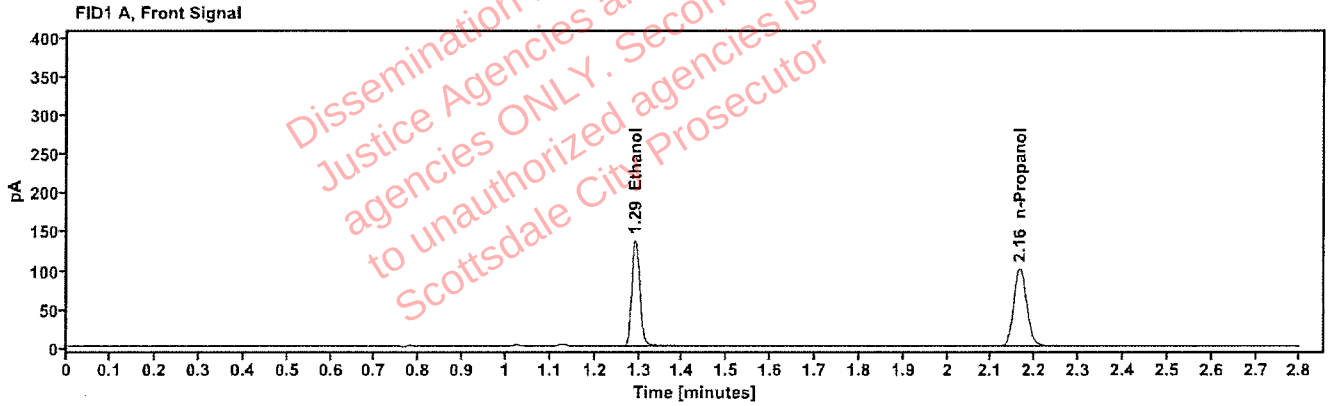

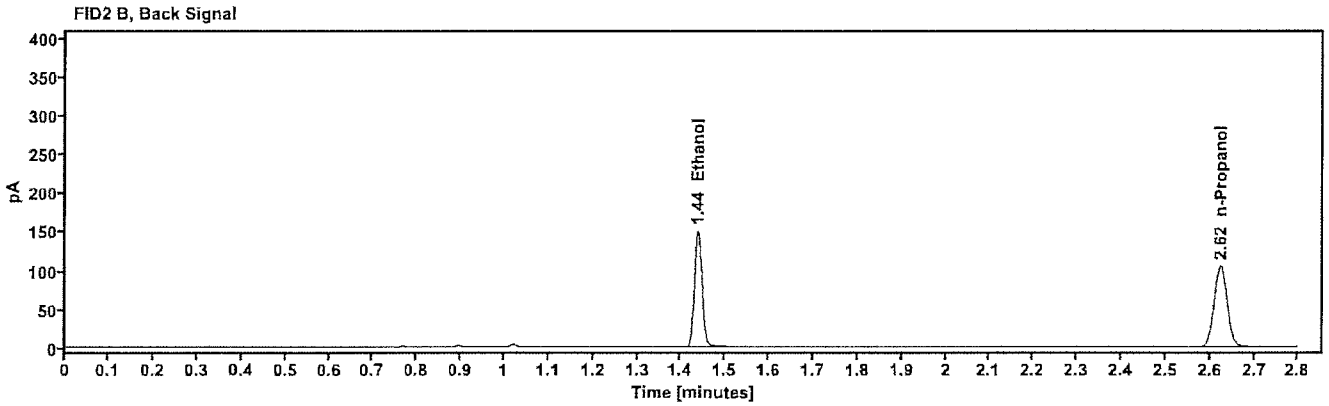

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2154	1.291	174.668
n-Propanol	-----	2.164	209.343

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

Compound	Time (min)	Peak Area
Ethanol	1.438	180.815
n-Propanol	2.624	216.548

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621639-2	**Vial:**	49
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:29:51 PM
Data file:	C:\Chem32\1\Data\03Nov26\49.D	**Analyst:**	Arroyo

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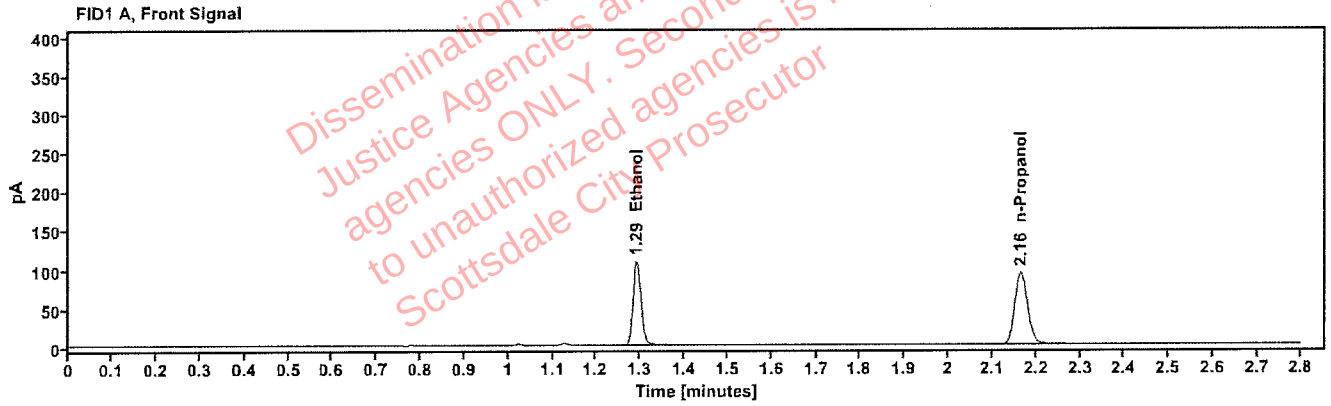

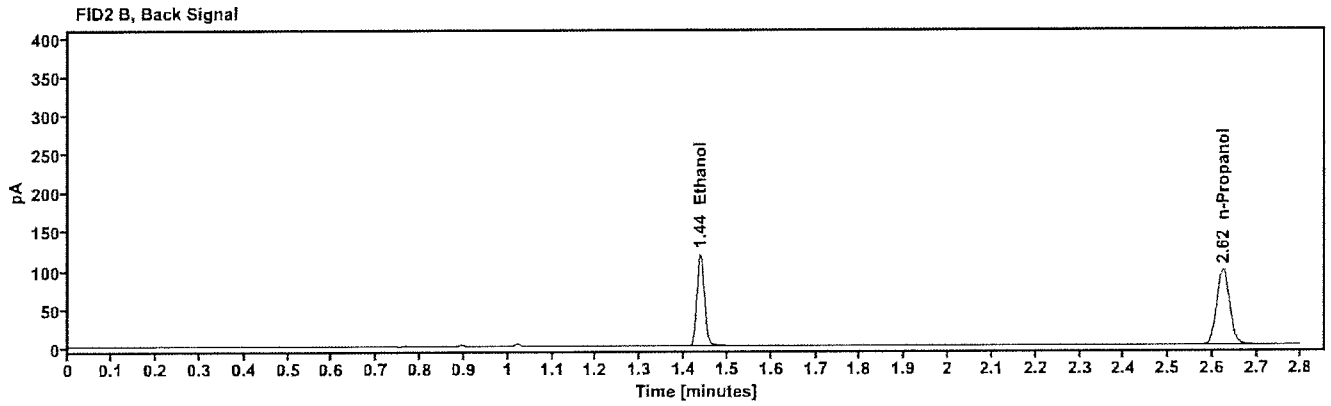

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1851	1.292	138.217
n-Propanol	-----	2.164	193.120

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

Compound	Time (min)	Peak Area
Ethanol	1.438	142.720
n-Propanol	2.624	200.084

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621639-2	**Vial:**	50
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:33:39 PM
Data file:	C:\Chem32\1\Data\03Nov26\50.D	**Analyst:**	Arroyo

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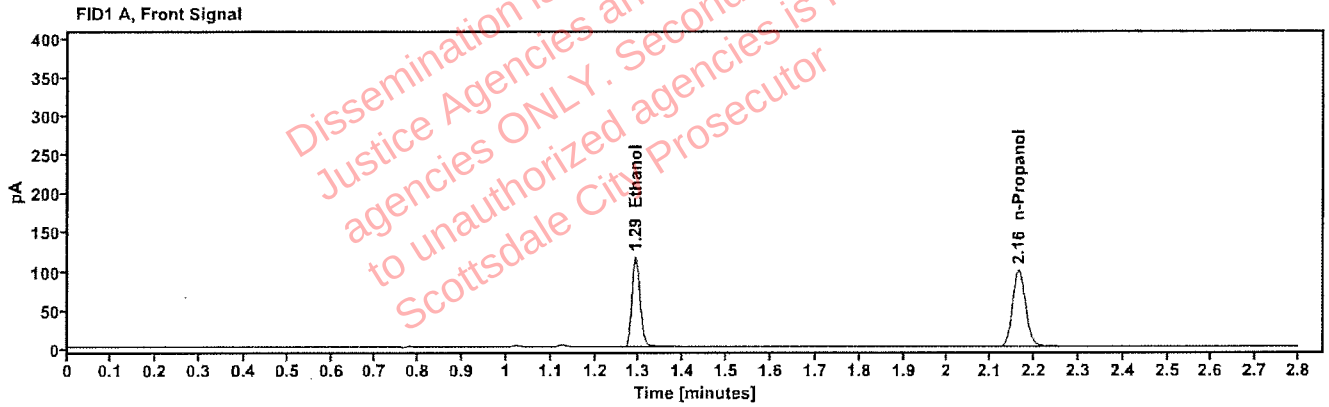

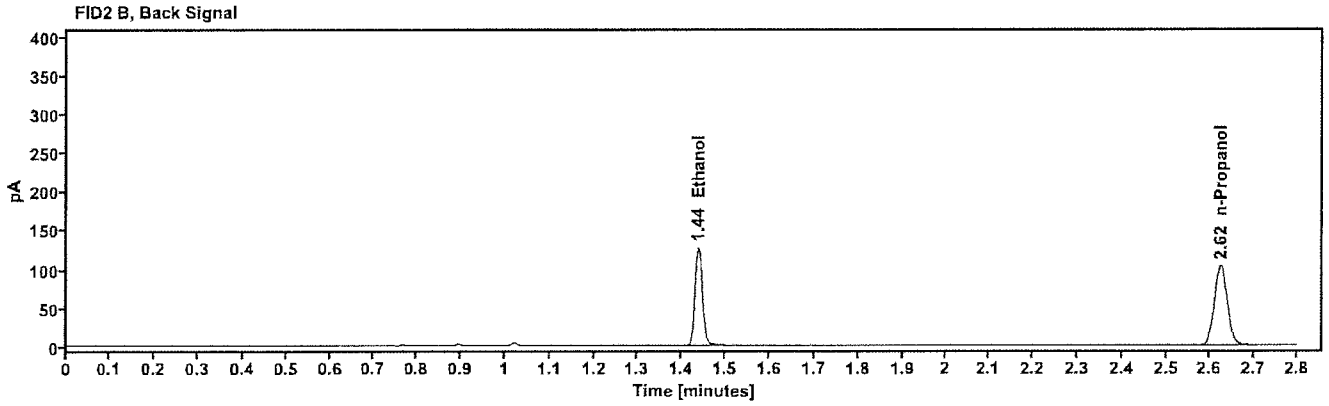

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1861	1.292	147.861
n-Propanol	-----	2.164	205.428

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

Compound	Time (min)	Peak Area
Ethanol	1.438	152.936
n-Propanol	2.624	212.677

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621570-1	**Vial:**	51
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:37:27 PM
Data file:	C:\Chem32\1\Data\03Nov26\51.D	**Analyst:**	Arroyo

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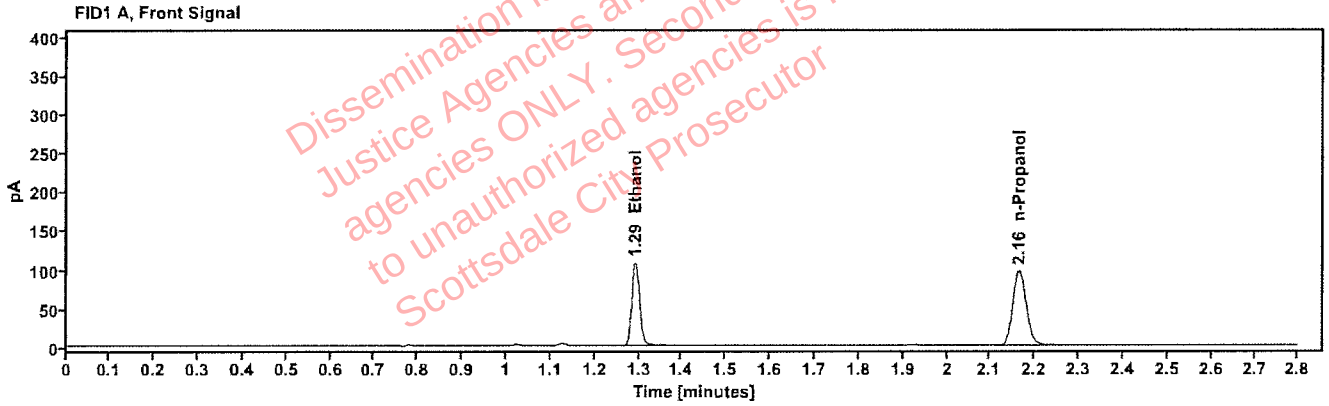

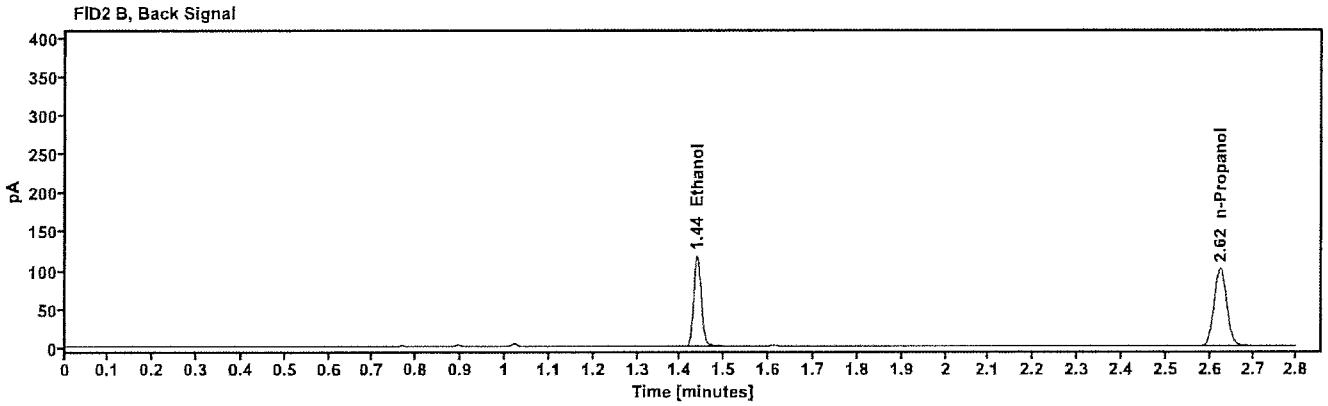

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1758	1.292	136.378
n-Propanol	-----	2.164	200.825

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

Compound	Time (min)	Peak Area
Ethanol	1.438	140.851
n-Propanol	2.624	207.625

[redacted]: Arroyo, Alexandra - (11-03-2026)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2621570-1	**Vial:**	52
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	03Nov26
Instrument:	US2320A024 US23180007	**Injection date:**	11/3/2026 1:41:15 PM
Data file:	C:\Chem32\1\Data\03Nov26\52.D	**Analyst:**	Arroyo

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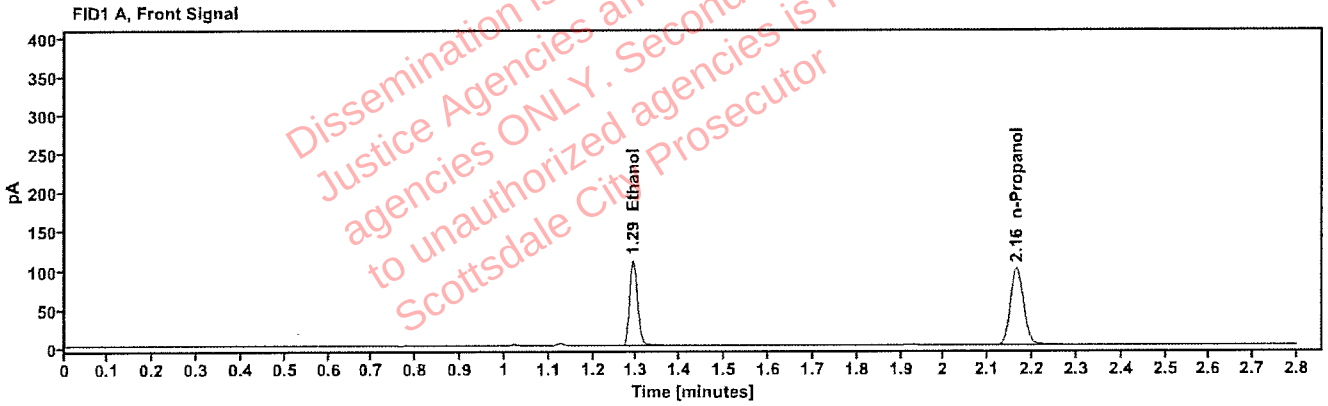

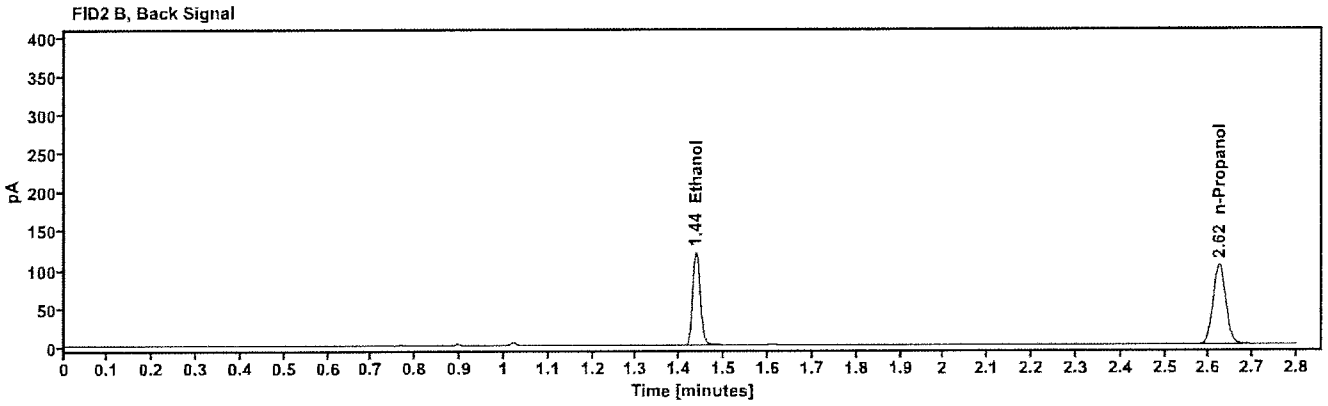

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1762	1.292	140.305
n-Propanol	-----	2.164	206.041

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

Compound	Time (min)	Peak Area
Ethanol	1.438	145.292
n-Propanol	2.624	213.063