

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 02/26/2025

SEQUENCE NAME 26Feb25

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600EA20851  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN03072301 0.99997  
 Vial 3 0.20 calibrator Lot FN03132302  
 Vial 4 0.40 calibrator Lot FN03052102

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.110 g/dL	0.110 g/dL	ACQ 4100620181/7
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.110 g/dL	0.112 g/dL	ACQ 4100620181/7
45	Blank	Not detected	Not detected	SPD lab 120424AQ

**SUBJECT SAMPLES**

Subjects in the sequence 14 Subjects requiring reanalysis 0

**ADDITIONAL NOTES:** All testing proceeded as expected. The run included one control sample verification.

Run valid  Run invalid   
 Analyst Erika Canonico  
 Run valid  Run invalid   
 Technical Reviewer [Signature]

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

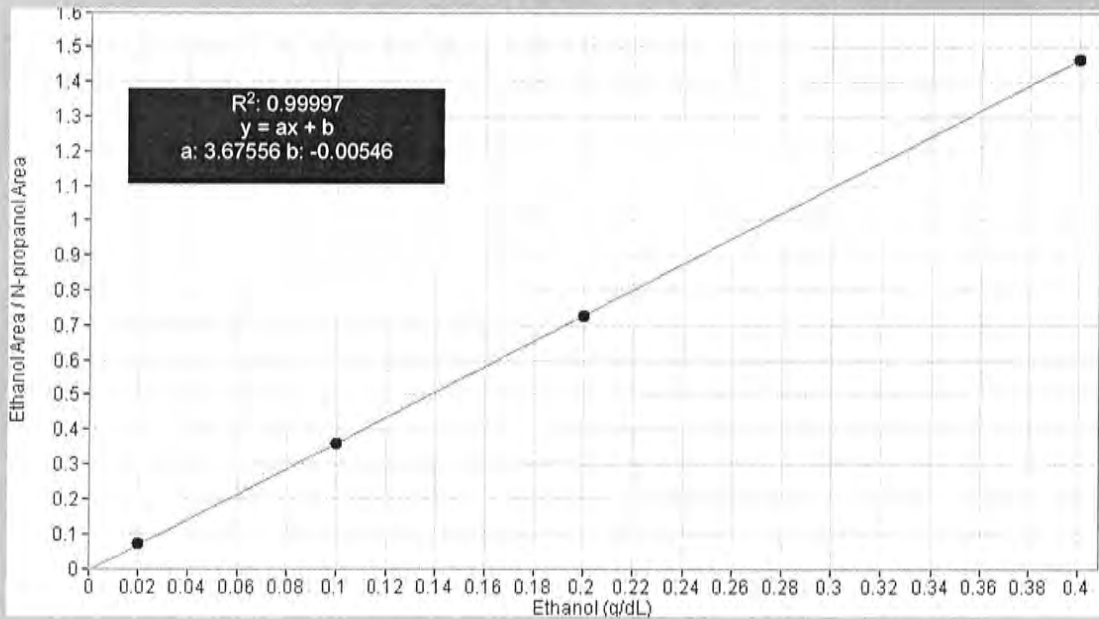
SEQUENCE NAME: 26Feb25

ANALYST: Canonico ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.408	0.400	2.00	0.008
0.040 518018	8	0.041	0.040	2.50	0.001
0.110 4100620181/7	9	0.110	0.110	0.00	0.000
0.100 517758	20	0.101	0.100	1.00	0.001
0.100 517758	31	0.101	0.100	1.00	0.001
0.400 12052023-B	42	0.401	0.400	0.25	0.001
0.040 518018	43	0.041	0.040	2.50	0.001
0.110 4100620181/7	44	0.112	0.110	1.82	0.002
blank 120424AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.506	161.611	0.071
0.100	58.606	162.533	0.361
0.200	118.154	162.754	0.726
0.400	239.028	162.955	1.467

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03122113	<b>Vial:</b> 1
<b>Description:</b> 0.020 calibrator	<b>Sequence:</b> 26Feb25
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 2/26/2025 2:43:14 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EL</span>
<b>Data file:</b> C:\Chem32\1\Data\26Feb25\1.D	

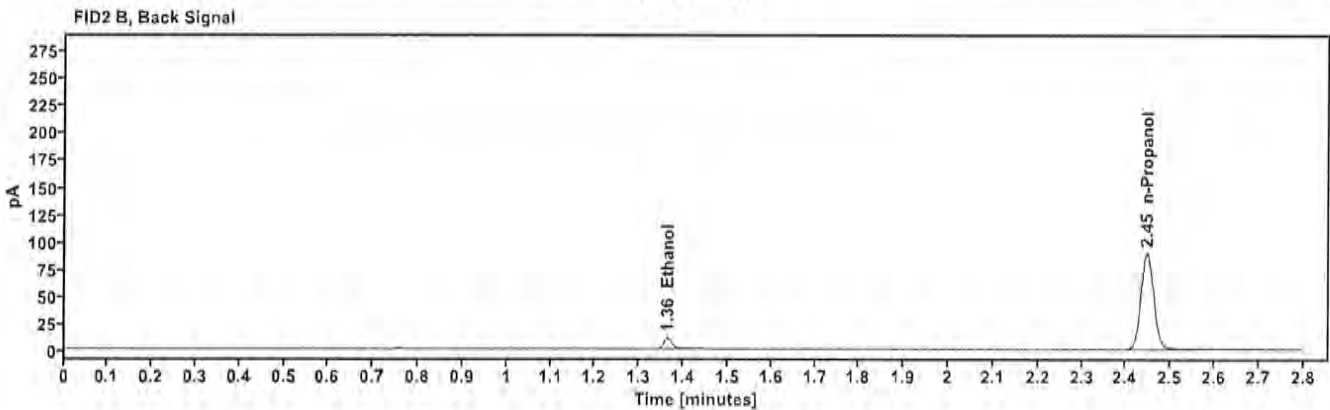
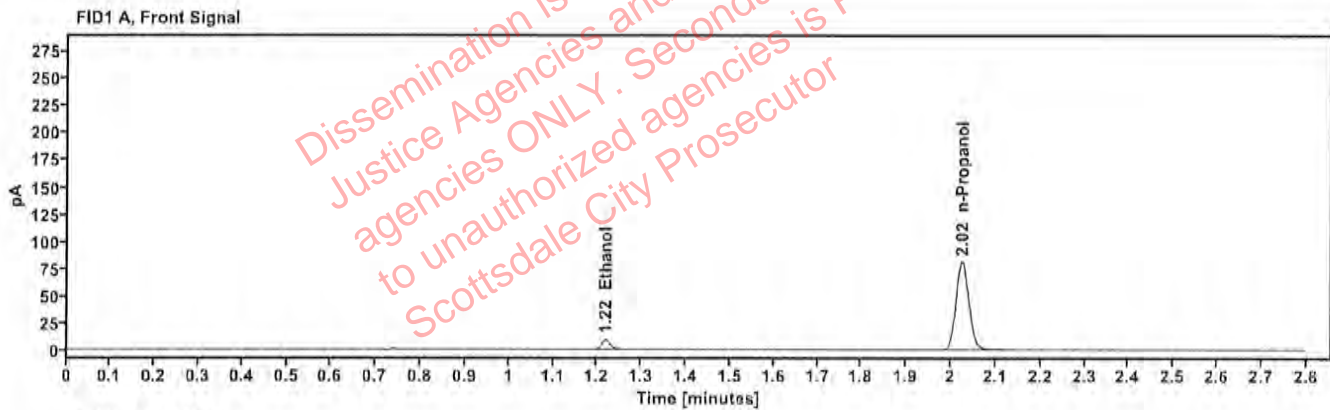


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	11.506
n-Propanol	2.025	161.811

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

Compound	Time (min)	Peak Area
Ethanol	1.364	12.535
n-Propanol	2.447	176.353

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03072301	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 26Feb25
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 2/26/2025 2:47:14 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">ec</span>
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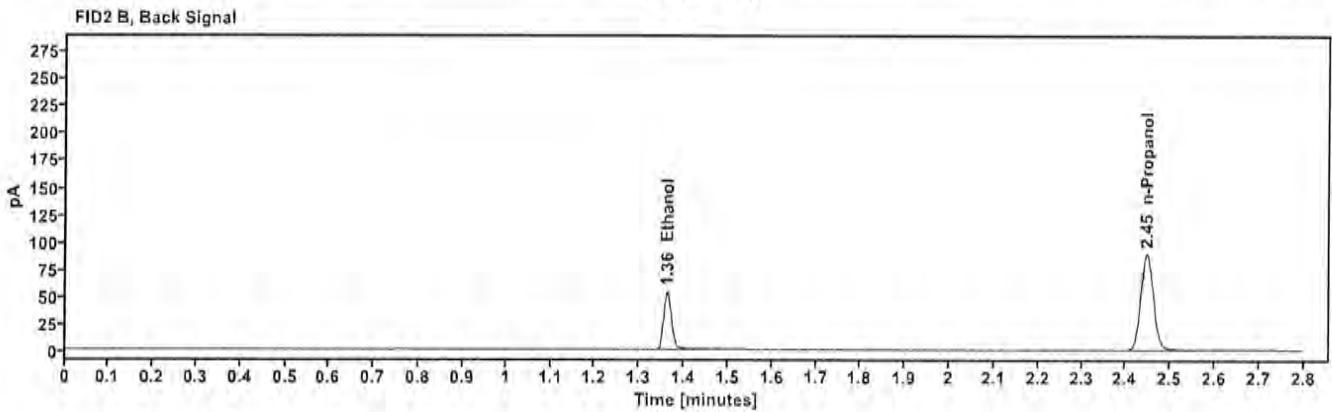
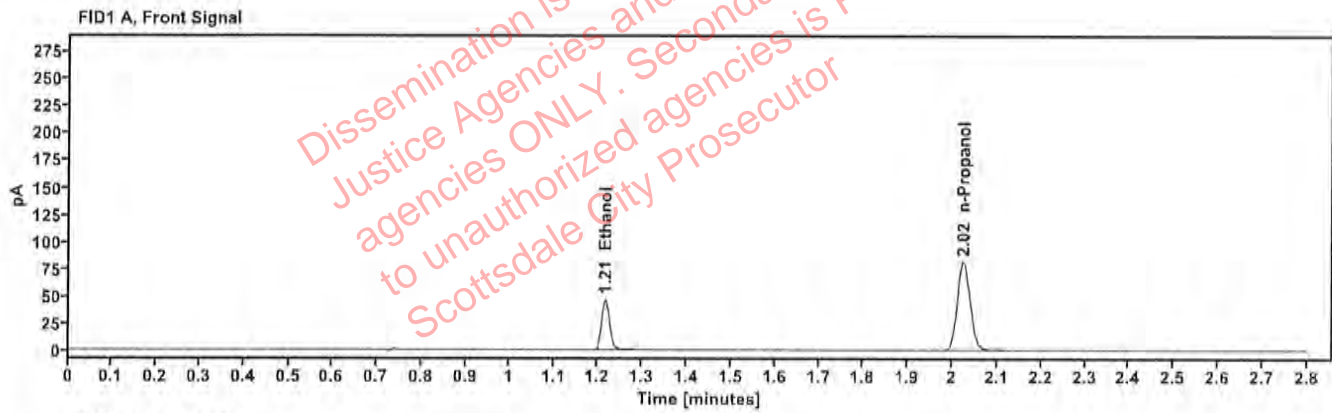


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	58.606
n-Propanol	2.024	162.533

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

Compound	Time (min)	Peak Area
Ethanol	1.362	64.438
n-Propanol	2.447	177.126

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03132302	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 26Feb25
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 2/26/2025 2:51:14 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
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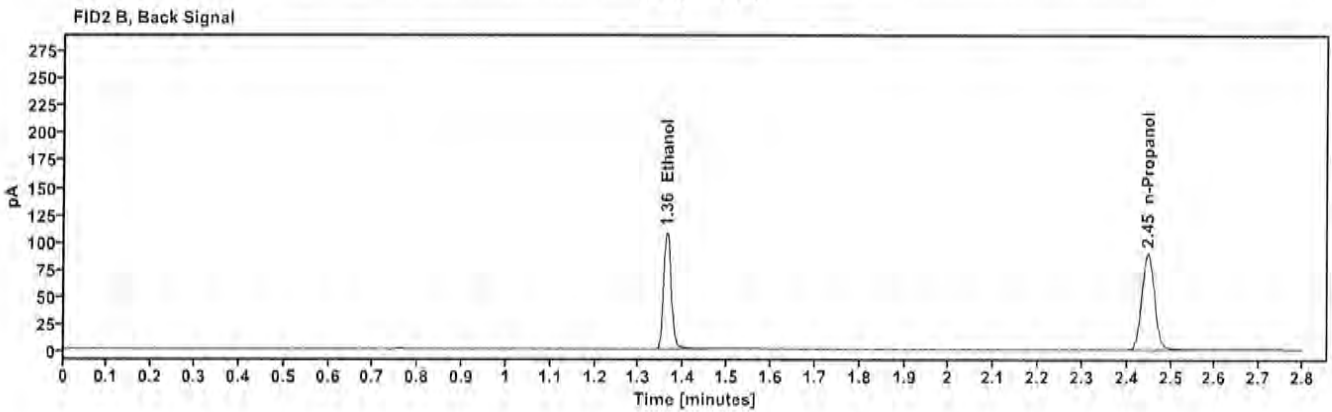
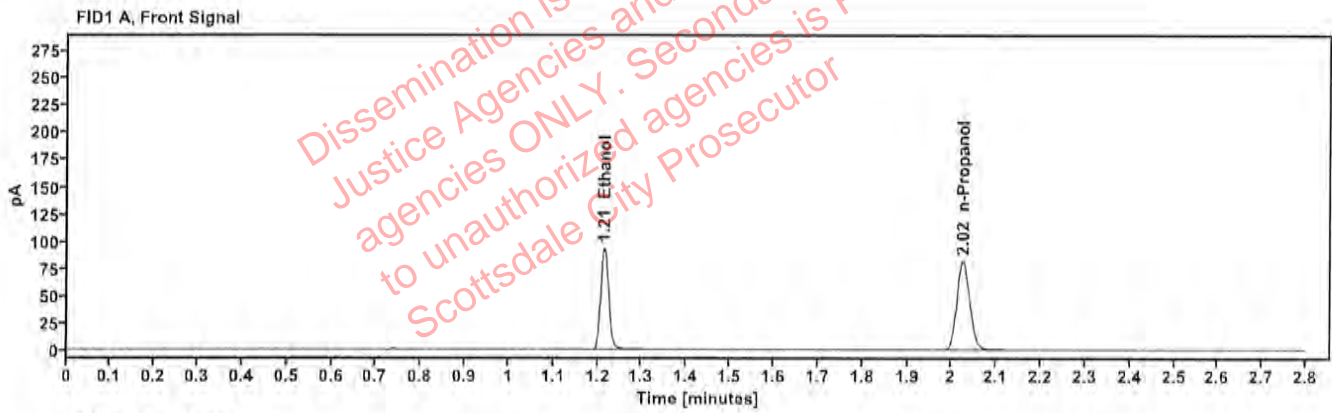


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	118.154
n-Propanol	2.025	162.754

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

Compound	Time (min)	Peak Area
Ethanol	1.362	130.036
n-Propanol	2.447	177.124

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 26Feb25
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 2/26/2025 2:55:14 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">82</span>
<b>Data file:</b> C:\Chem32\11\Data\26Feb25\4.D	

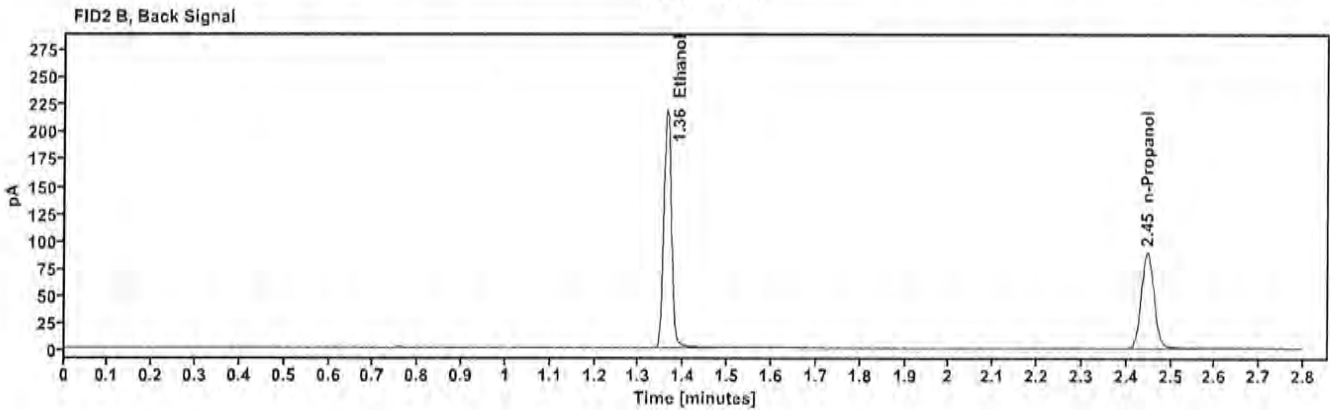
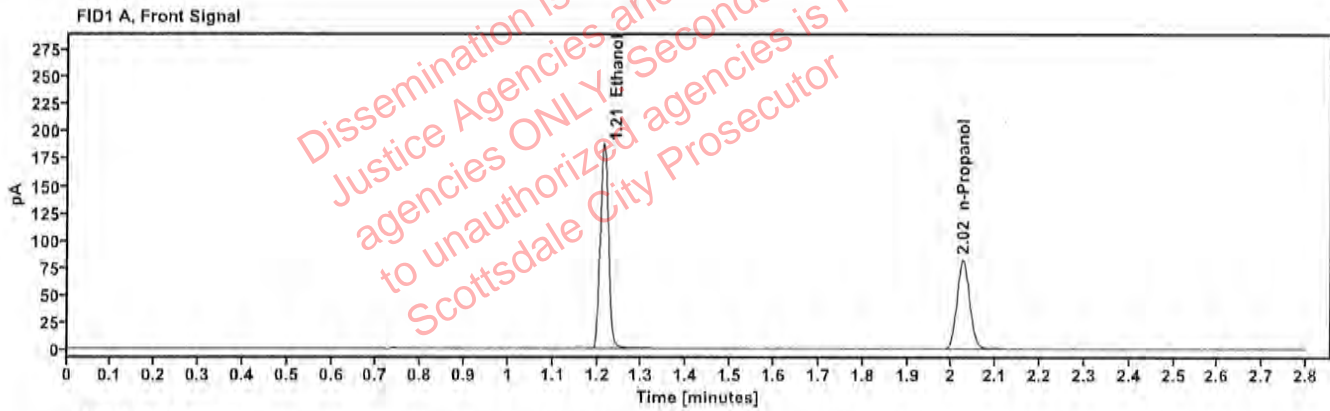


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	239.028
n-Propanol	2.025	162.955

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

Compound	Time (min)	Peak Area
Ethanol	1.362	263.664
n-Propanol	2.447	177.232

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 111224WB	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 26Feb25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 2/26/2025 2:59:14 PM
<b>Data file:</b> C:\Chem32\1\Data\26Feb25\5.D	<b>Analyst:</b> Canonico <i>EC</i>

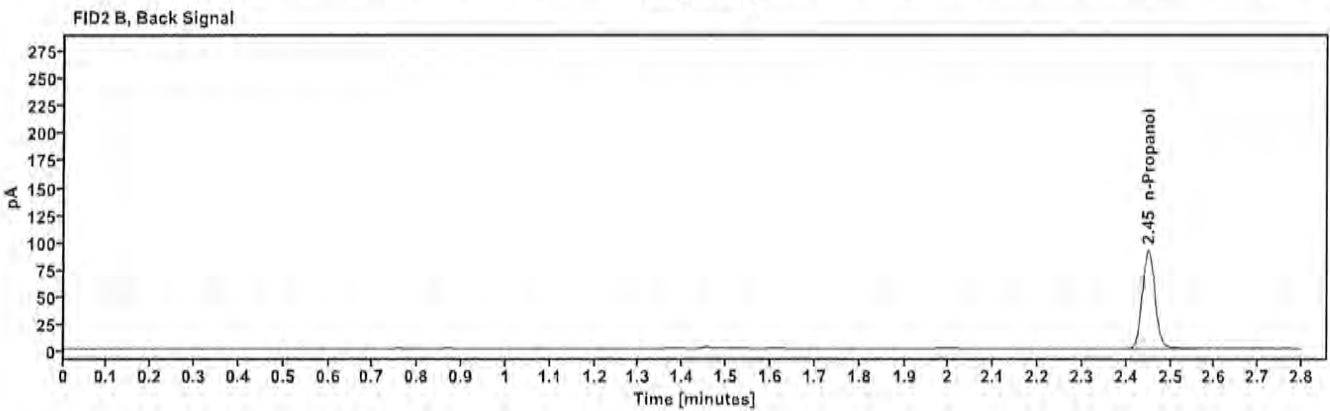
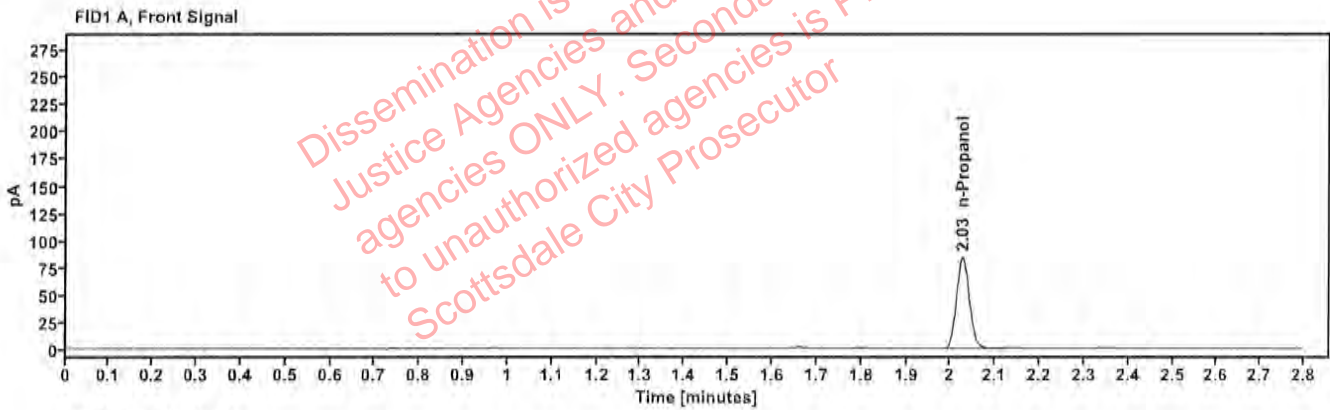


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.026	166.840

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

Compound	Time (min)	Peak Area
n-Propanol	2.450	181.804

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 050721MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 26Feb25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 2/26/2025 3:03:14 PM
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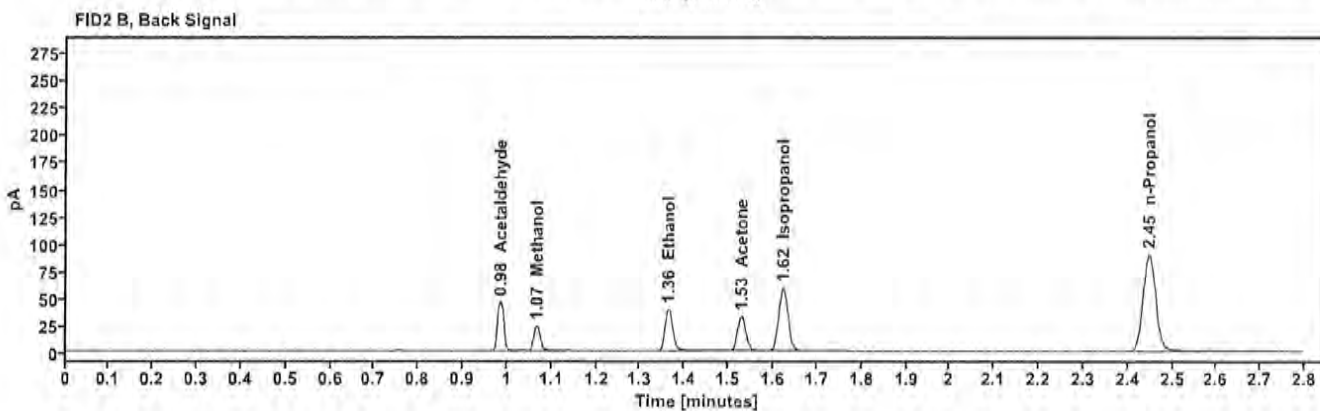
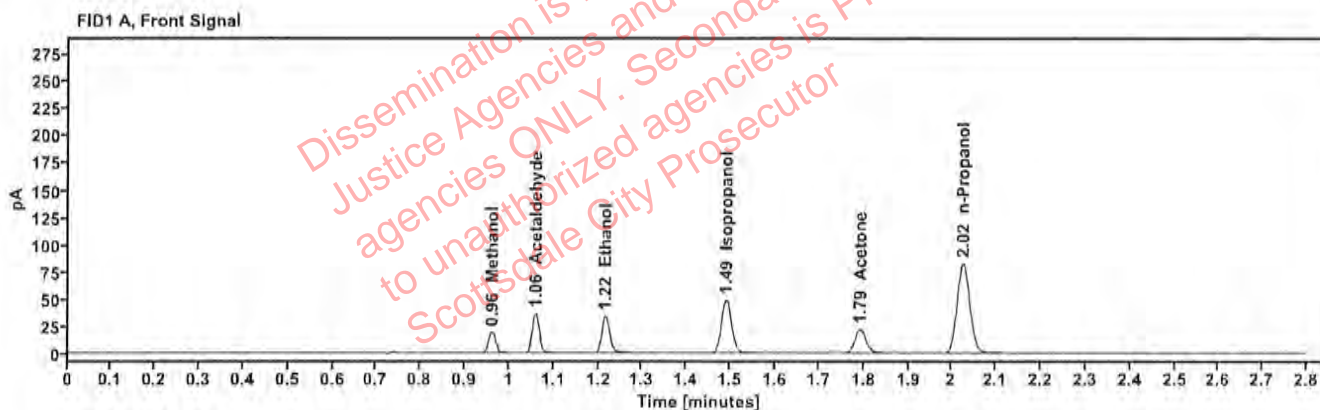


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.961	21.721
Acetaldehyde	-----	1.060	39.874
>Ethanol	0.0721	1.216	42.684
Isopropanol	-----	1.490	78.246
Acetone	-----	1.792	37.535
n-Propanol	-----	2.025	164.535

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	44.740
Methanol	1.067	24.234
Ethanol	1.363	46.847
Acetone	1.529	41.442
Isopropanol	1.623	86.318
n-Propanol	2.447	178.903



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 26Feb25
Instrument: US14173023 CN14160045	Injection date: 2/26/2025 3:07:30 PM
Data file: C:\Chem32\1\Data\26Feb25\7.D	Analyst: Canonico <i>EC</i>

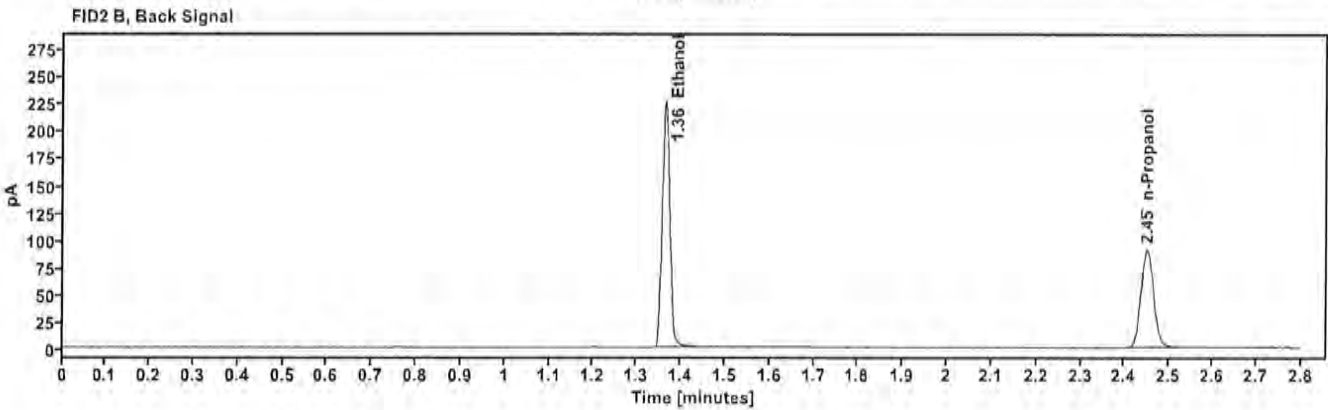
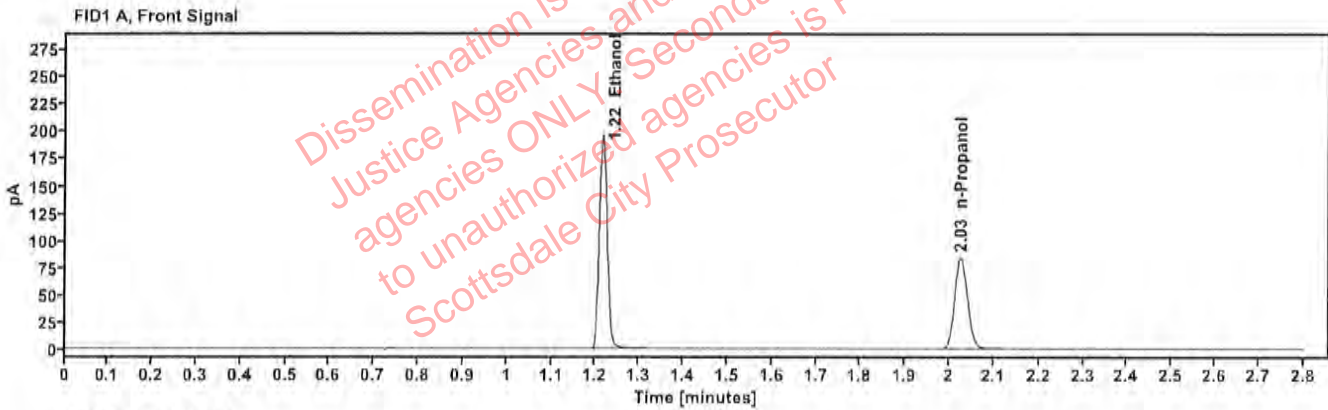


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4089	1.216	249.318
n-Propanol	—	2.026	166.502

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

Compound	Time (min)	Peak Area
Ethanol	1.365	274.515
n-Propanol	2.449	180.728

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 518018	<b>Vial:</b> 8
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 26Feb25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 2/26/2025 3:11:29 PM
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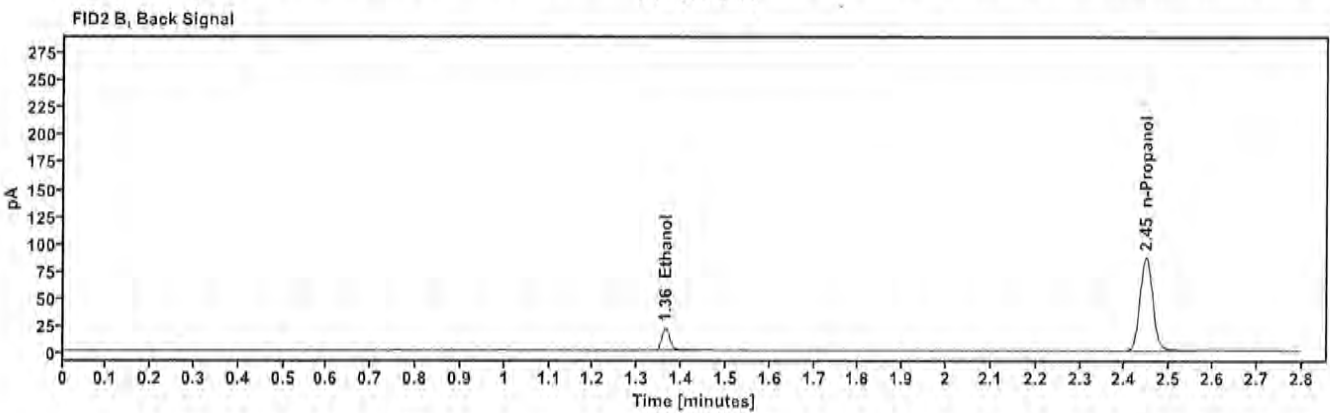
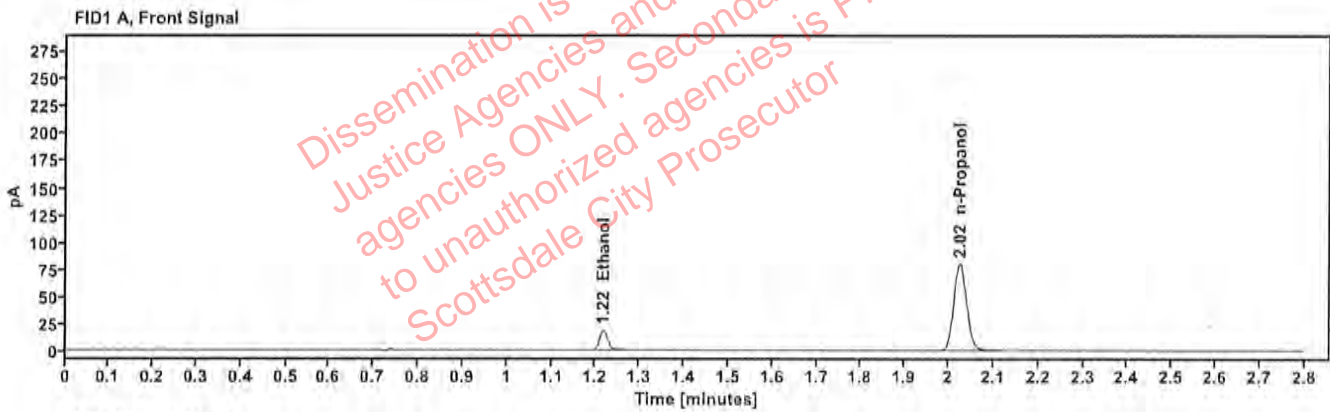


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.216	23.321
n-Propanol	—	2.025	159.912

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

Compound	Time (min)	Peak Area
Ethanol	1.363	25.476
n-Propanol	2.447	173.631

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4100620181/7	Vial: 9
Description: 0.110	LIMS ID:
Method: ethanol quant.M	Sequence: 26Feb25
Instrument: US14173023 CN14160045	Injection date: 2/26/2025 3:15:29 PM
Data file: C:\Chem32\1\Data\26Feb25\9.D	Analyst: Canonico 80

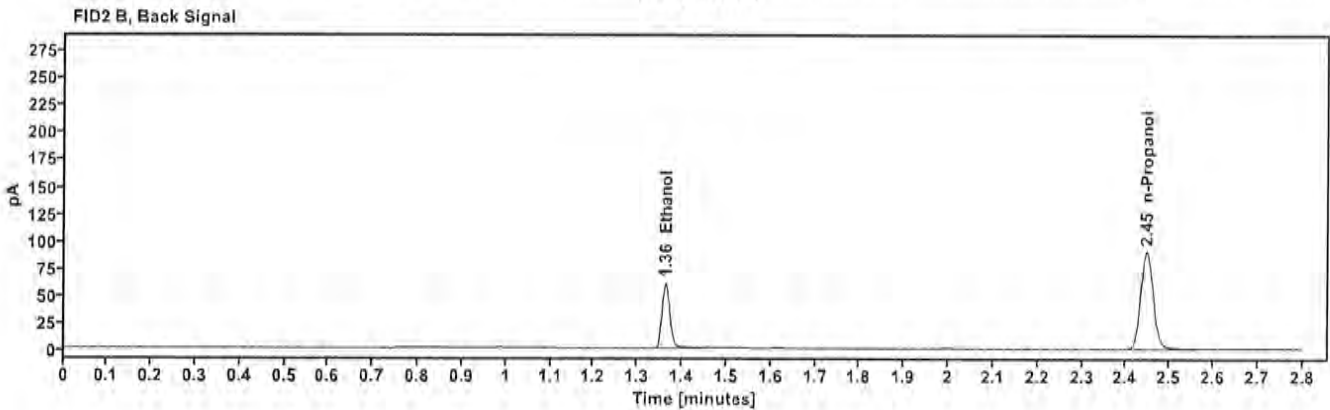
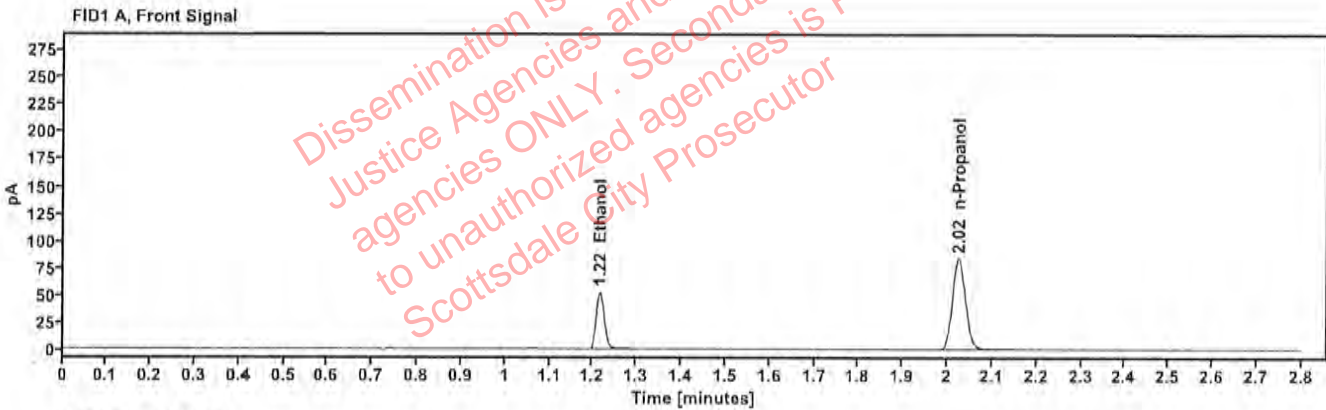


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1106	1.215	66.603
n-Propanol	---	2.025	166.042

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

Compound	Time (min)	Peak Area
Ethanol	1.363	73.004
n-Propanol	2.447	180.510

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 20
Description: 0.100	LIMS ID:
Method: ethanol quant.M	Sequence: 26Feb25
Instrument: US14173023 CN14160045	Injection date: 2/26/2025 4:00:00 PM
Data file: C:\Chem32\1\Data\26Feb25\20.D	Analyst: Canonico <span style="float: right;">EP</span>

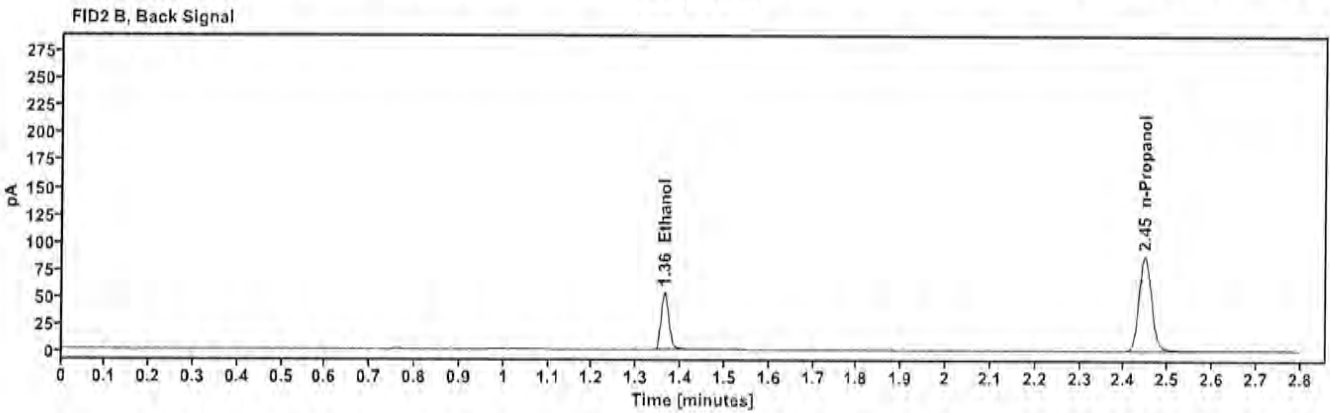
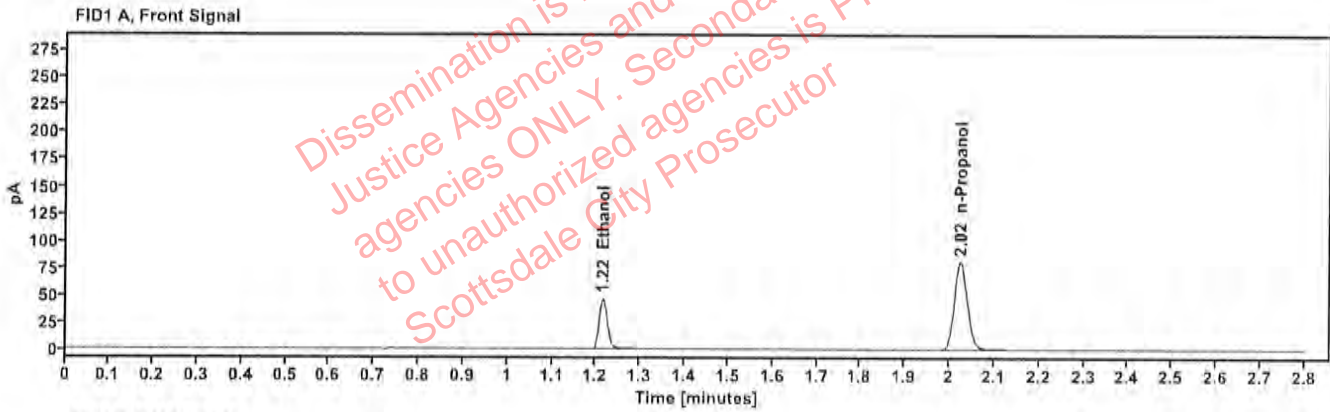


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1011	1.215	58.886
n-Propanol	---	2.025	180.828

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

Compound	Time (min)	Peak Area
Ethanol	1.363	64.465
n-Propanol	2.447	174.565

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 517758	<b>Vial:</b> 31
<b>Description:</b> 0.100	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 26Feb25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 2/26/2025 4:44:29 PM
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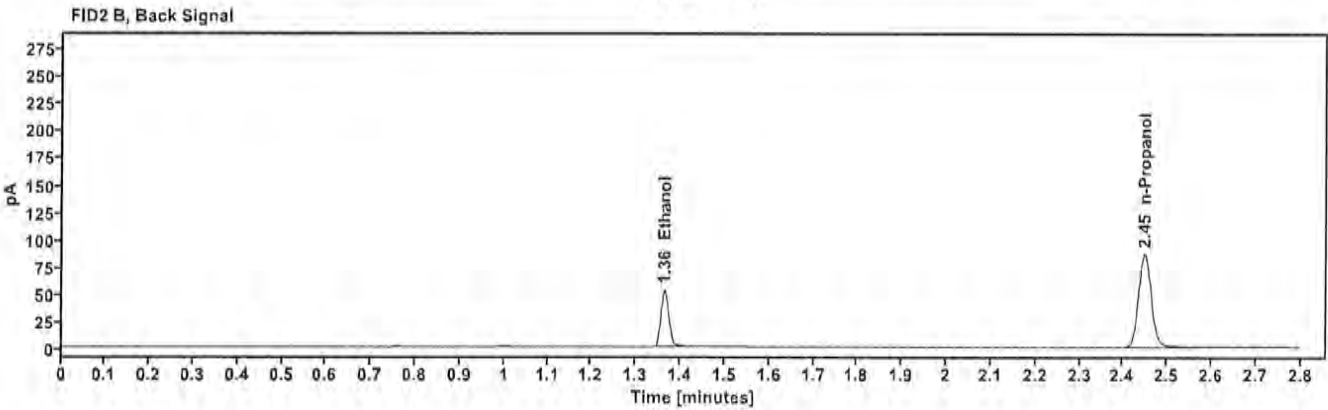
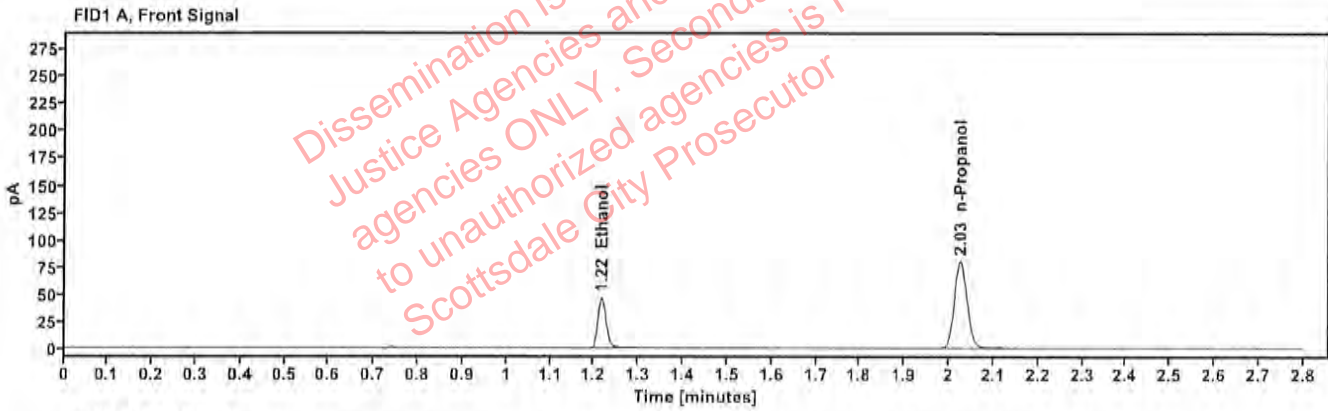


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1017	1.216	58.760
n-Propanol	-----	2.025	159.552

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

Compound	Time (min)	Peak Area
Ethanol	1.364	64.181
n-Propanol	2.448	173.160

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 26Feb25
Instrument: US14173023 CN14160045	Injection date: 2/26/2025 5:28:45 PM
Data file: C:\Chem32\1\Data\26Feb25\42.D	Analyst: Canonico <i>EC</i>

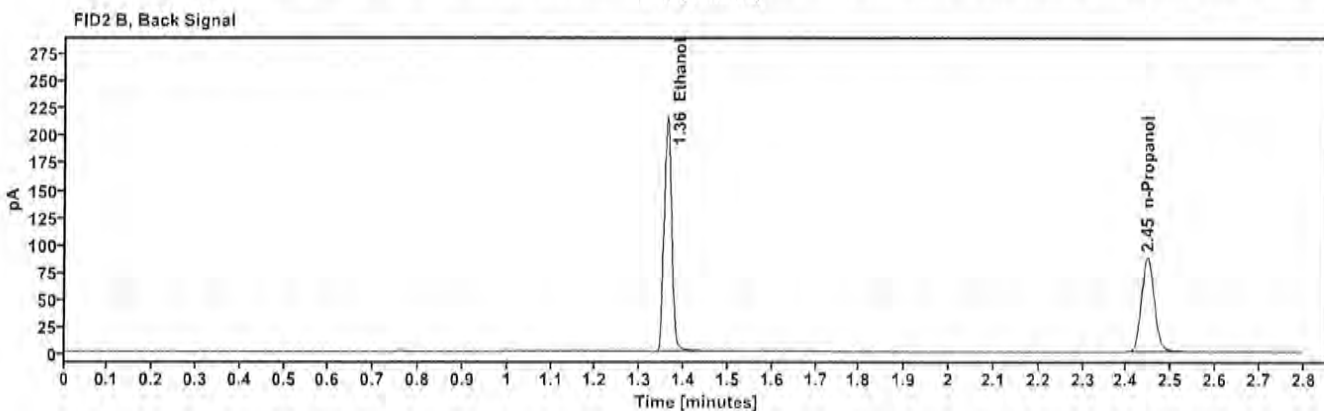
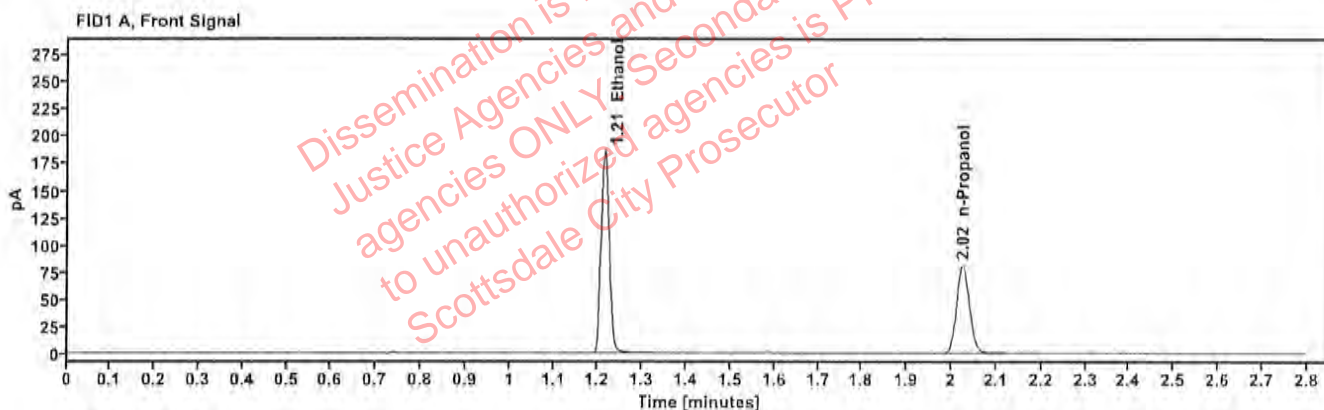


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4013	1.214	236.957
n-Propanol	---	2.025	161.229

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

Compound	Time (min)	Peak Area
Ethanol	1.362	260.894
n-Propanol	2.447	174.989

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 26Feb25
Instrument: US14173023 CN14160045	Injection date: 2/26/2025 5:32:59 PM
Data file: C:\Chem32\1\Data\26Feb25\43.D	Analyst: Canonico <i>SC</i>

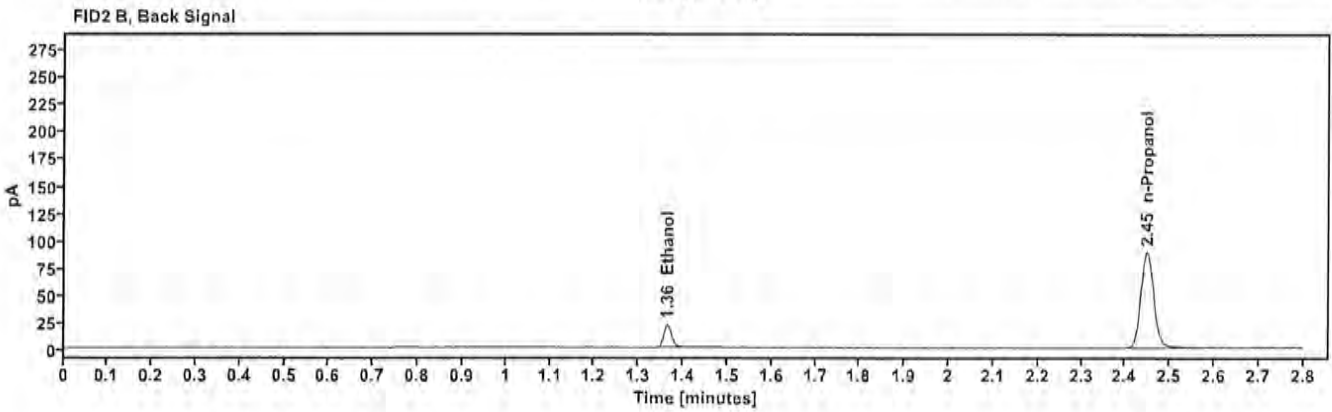
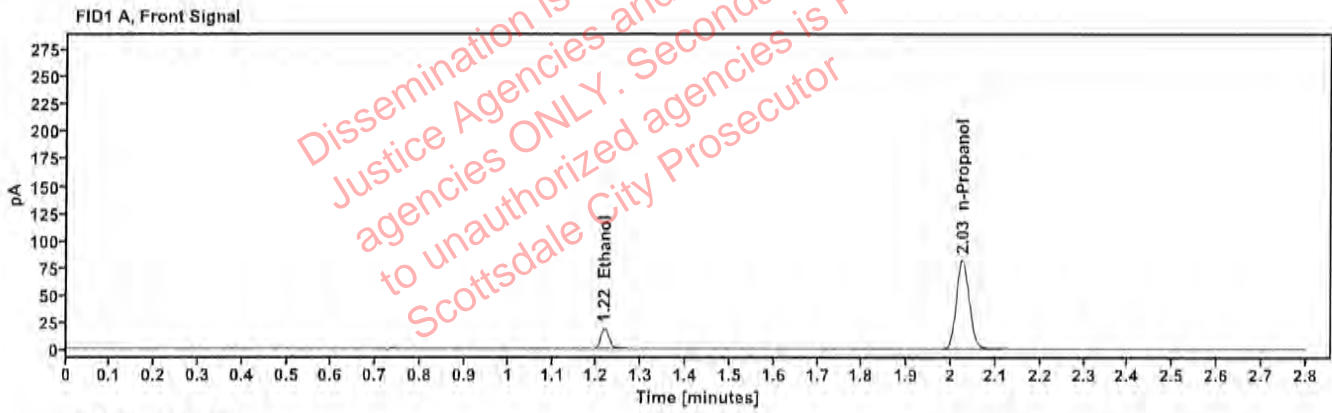


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.217	23.994
n-Propanol	---	2.025	163.689

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

Compound	Time (min)	Peak Area
Ethanol	1.364	26.189
n-Propanol	2.448	177.843

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4100620181/7	Vial: 44
Description: 0.110	LIMS ID:
Method: ethanol quant.M	Sequence: 26Feb25
Instrument: US14173023 CN14160045	Injection date: 2/26/2025 5:36:59 PM
Data file: C:\Chem32\1\Data\26Feb25\44.D	Analyst: Canonico 80

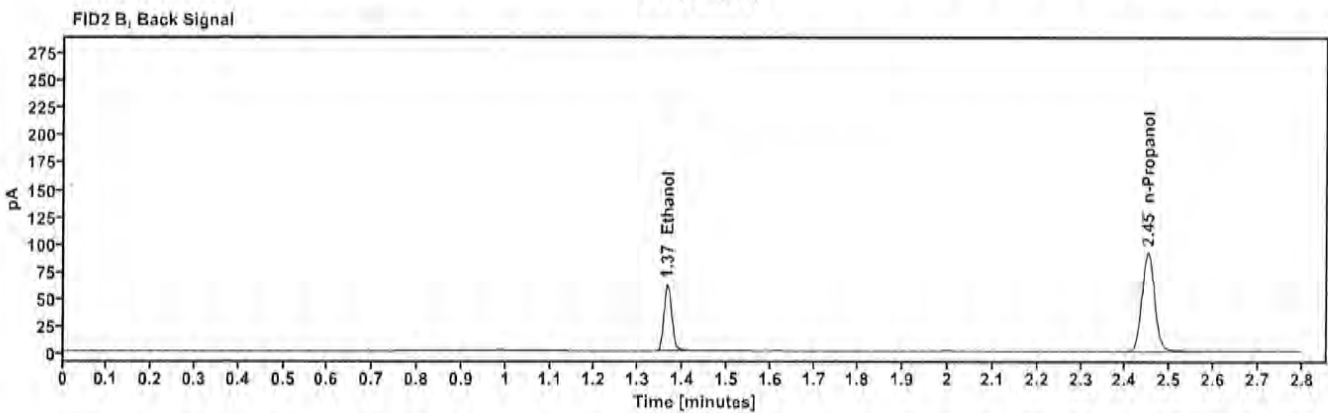
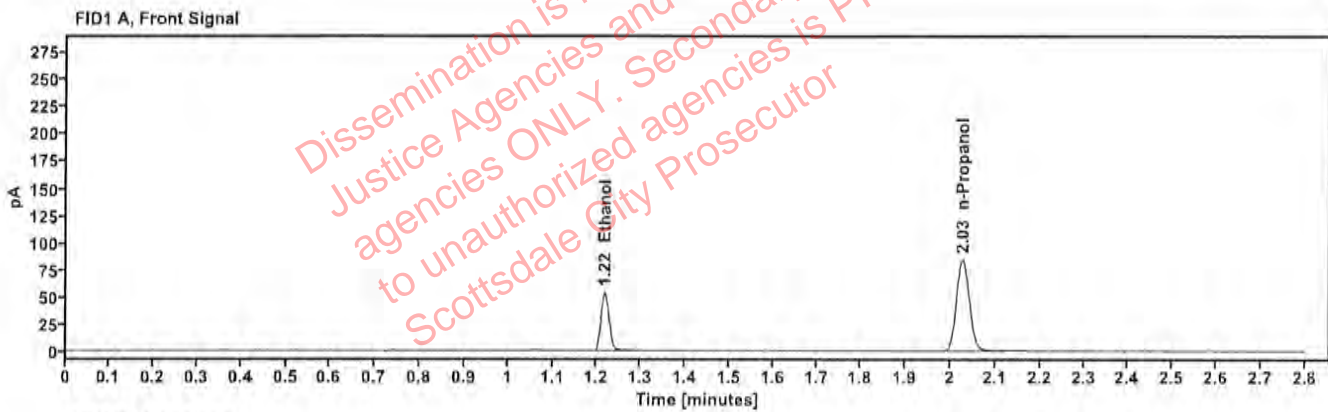


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1122	1.217	68.627
n-Propanol	-----	2.027	168.582

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

Compound	Time (min)	Peak Area
Ethanol	1.365	74.914
n-Propanol	2.450	182.971



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 120424AQ	<b>Vial:</b> 45
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 26Feb25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 2/26/2025 5:40:59 PM
<b>Data file:</b> C:\Chem32\1\Data\26Feb25\45.D	<b>Analyst:</b> Canonico 80

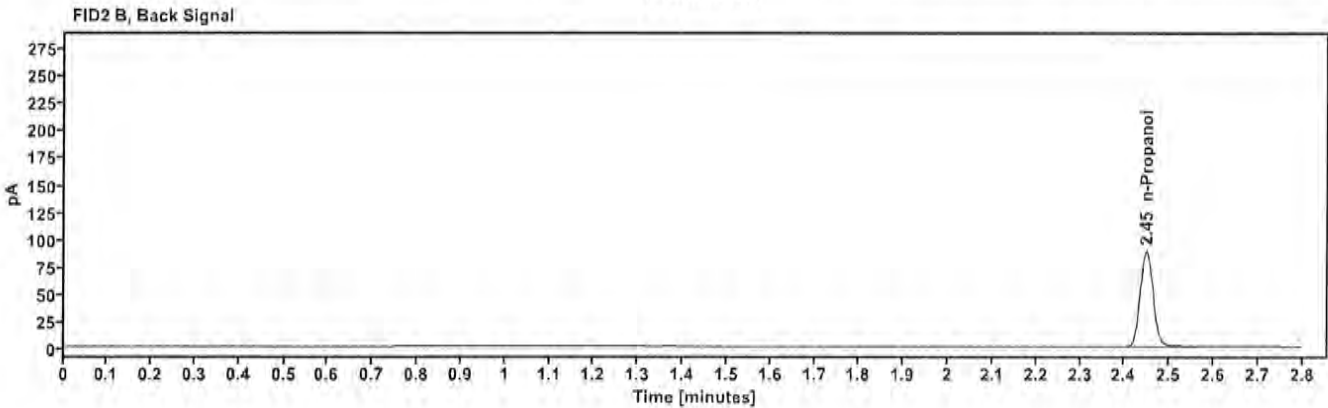
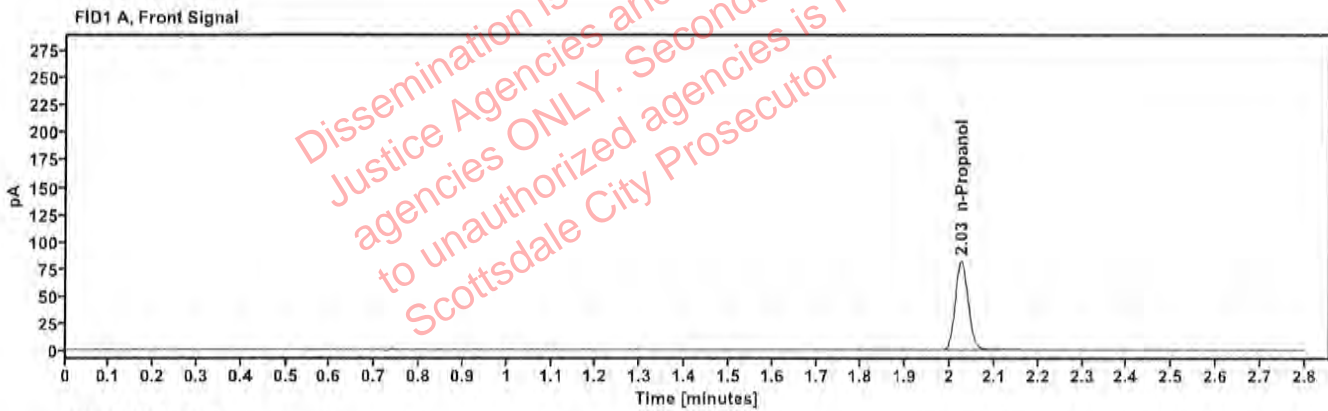


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.025	162.909

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

Compound	Time (min)	Peak Area
n-Propanol	2.448	176.921

# Sequence Summary

Sequence name: 26Feb25      Instrument: US14173023 CN14160045      Analyst: Canonico *EC*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4100620181/7	0.110	Control		ethanol quant.M
10	436-01R.P.		Sample		ethanol quant.M
11	436-01R.P.		Sample		ethanol quant.M
12	402-1D.S.		Sample		ethanol quant.M
13	402-1D.S.		Sample		ethanol quant.M
14	2503843-2		Sample		ethanol quant.M
15	2503843-2		Sample		ethanol quant.M
16	2503841-1		Sample		ethanol quant.M
17	2503841-1		Sample		ethanol quant.M
18	2503911-2		Sample		ethanol quant.M
19	2503911-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2503983-1		Sample		ethanol quant.M
22	2503983-1		Sample		ethanol quant.M
23	2503980-2		Sample		ethanol quant.M
24	2503980-2		Sample		ethanol quant.M
25	2500763-1		Sample		ethanol quant.M
26	2500763-1		Sample		ethanol quant.M
27	2503905-1		Sample		ethanol quant.M
28	2503905-1		Sample		ethanol quant.M
29	2503967-1		Sample		ethanol quant.M
30	2503967-1		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2503986-1		Sample		ethanol quant.M
33	2503986-1		Sample		ethanol quant.M
34	2504062-2		Sample		ethanol quant.M
35	2504062-2		Sample		ethanol quant.M
36	2504131-1		Sample		ethanol quant.M
37	2504131-1		Sample		ethanol quant.M
38	2504145-3		Sample		ethanol quant.M
39	2504145-3		Sample		ethanol quant.M
40	4130622206/10		Sample		ethanol quant.M
41	4130622206/10		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4100620181/7	0.110	Control		ethanol quant.M
45	120424AQ	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 26Feb25

ANALYST: Canonico *ee*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1617	0.1633	0.16250	0.49	0.00080
12 13	0.2406	0.2415	0.24105	0.19	0.00045
14 15	0.1096	0.1097	0.10965	0.05	0.00005
16 17	0.1309	0.1306	0.13075	0.11	0.00015
18 19	0.2618	0.2588	0.26030	0.58	0.00150
21 22	0.2482	0.2453	0.24675	0.59	0.00145
23 24	0.2506	0.2508	0.25070	0.04	0.00010
25 26	0.2914	0.2896	0.29050	0.31	0.00090
27 28	0.1382	0.1390	0.13860	0.29	0.00040
29 30	0.1693	0.1699	0.16960	0.18	0.00030
32 33	0.2764	0.2758	0.27610	0.11	0.00030
34 35	0.2393	0.2391	0.23920	0.04	0.00010
36 37	0.2937	0.2964	0.29505	0.46	0.00135
38 39	0.1026	0.1025	0.10255	0.05	0.00005
40 41	0.2020	0.2006	0.20130	0.35	0.00070

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01R.P.	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:19:29 PM
Data file:	C:\Chem32\1\Data\26Feb25\10.D	Analyst:	Canonico

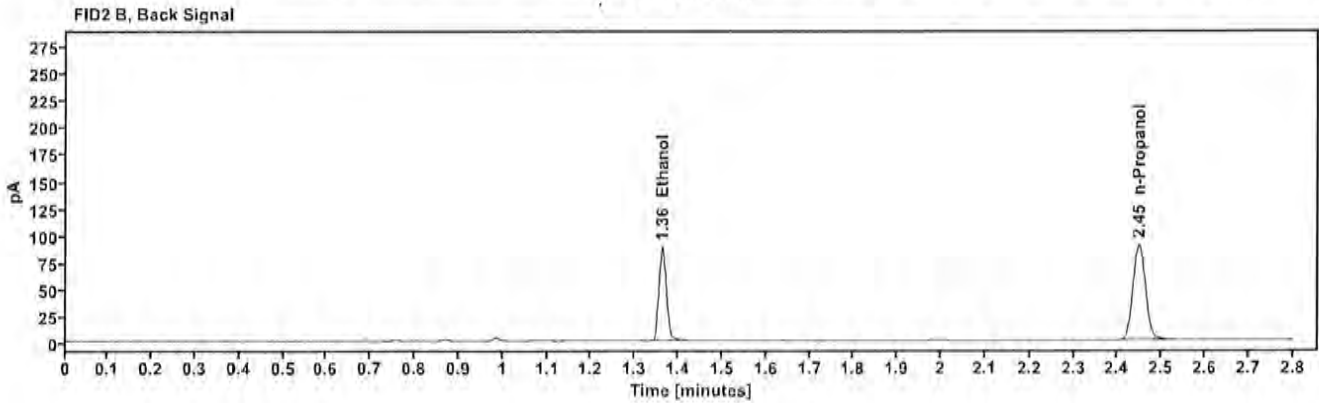
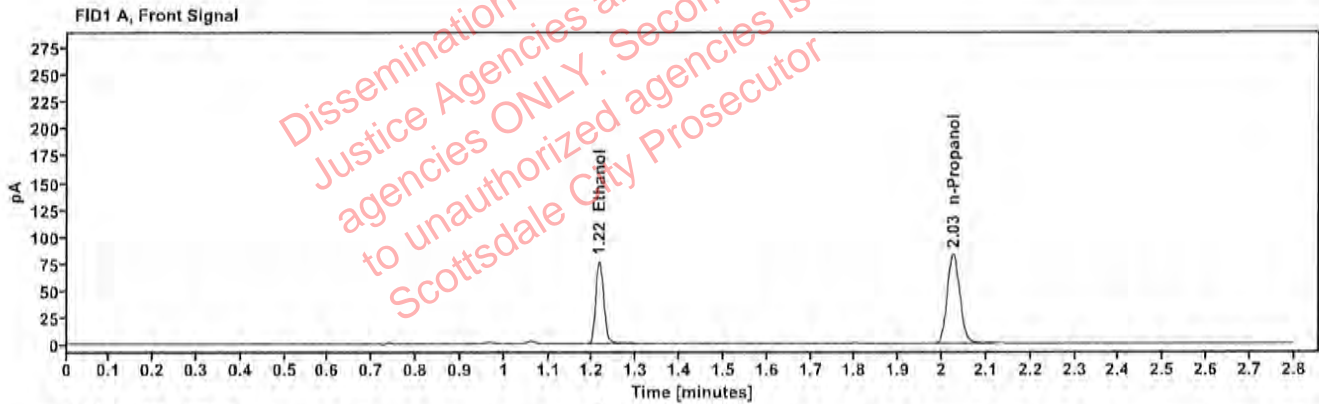


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1617	1.215	97.253
n-Propanol	---	2.025	165.177

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

Compound	Time (min)	Peak Area
Ethanol	1.363	106.432
n-Propanol	2.448	179.389

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01R.P.	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:23:29 PM
Data file:	C:\Chem32\1\Data\26Feb25\11.D	Analyst:	Canonico

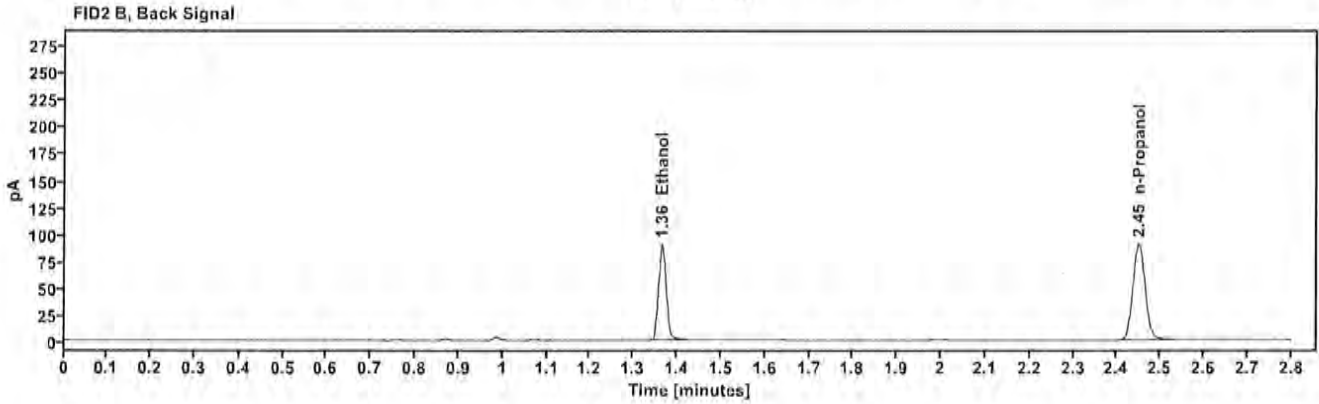
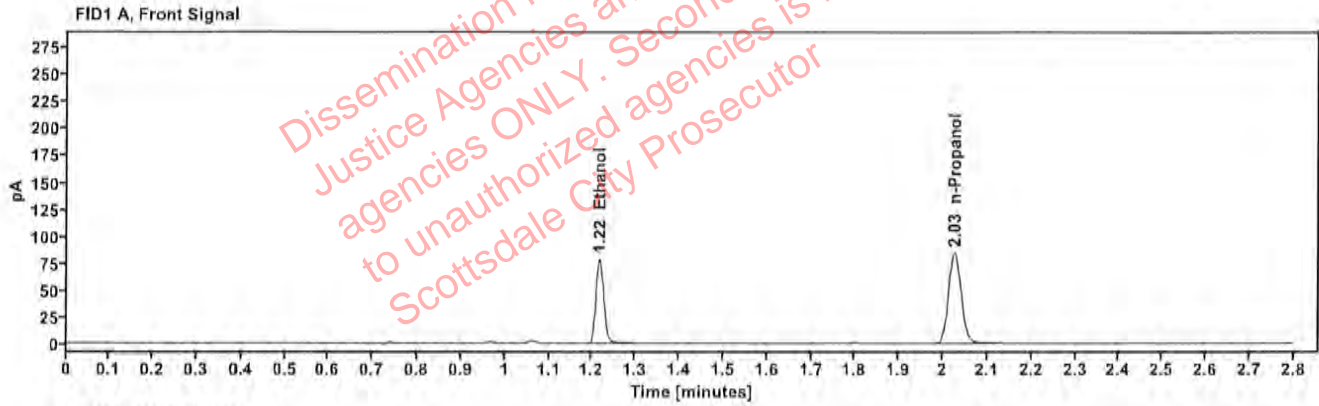


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1633	1.216	99.599
n-Propanol	—	2.026	167.478

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

Compound	Time (min)	Peak Area
Ethanol	1.365	109.128
n-Propanol	2.450	181.691

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-1D.S.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:27:29 PM
Data file:	C:\Chem32\1\Data\26Feb25\12.D	Analyst:	Canonico

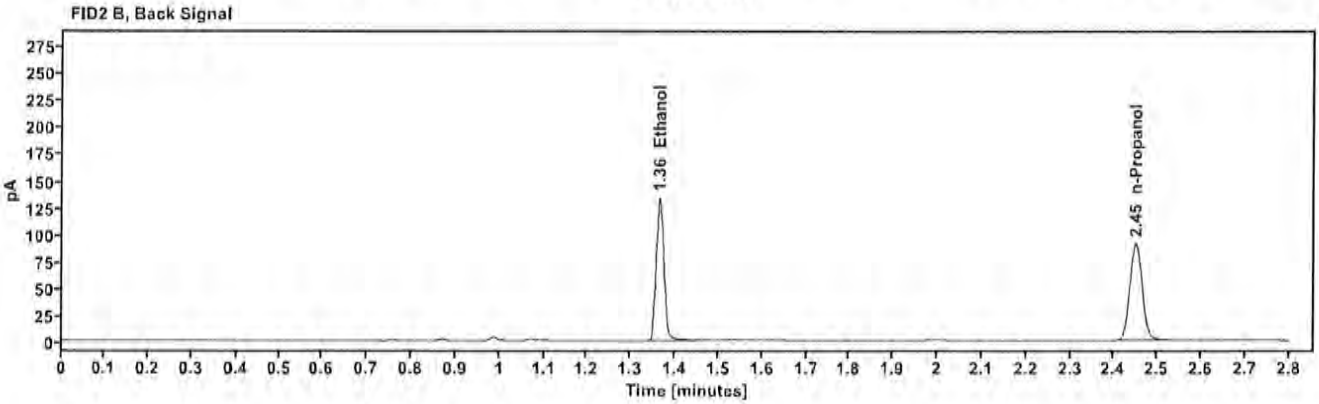
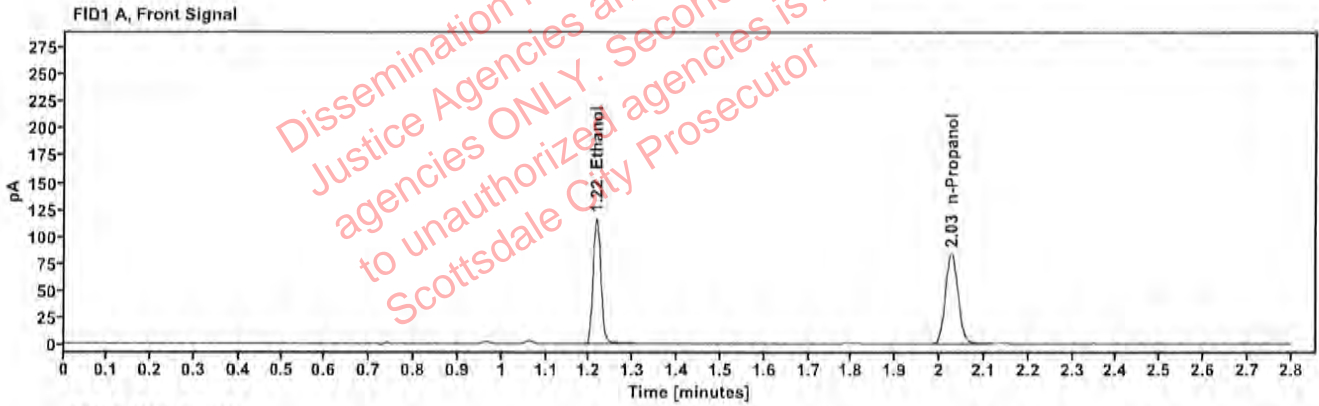


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2406	1.216	147.580
n-Propanol	—	2.026	167.945

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

Compound	Time (min)	Peak Area
Ethanol	1.364	161.967
n-Propanol	2.449	182.024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-1D.S.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:31:44 PM
Data file:	C:\Chem32\1\Data\26Feb25\13.D	Analyst:	Canonico

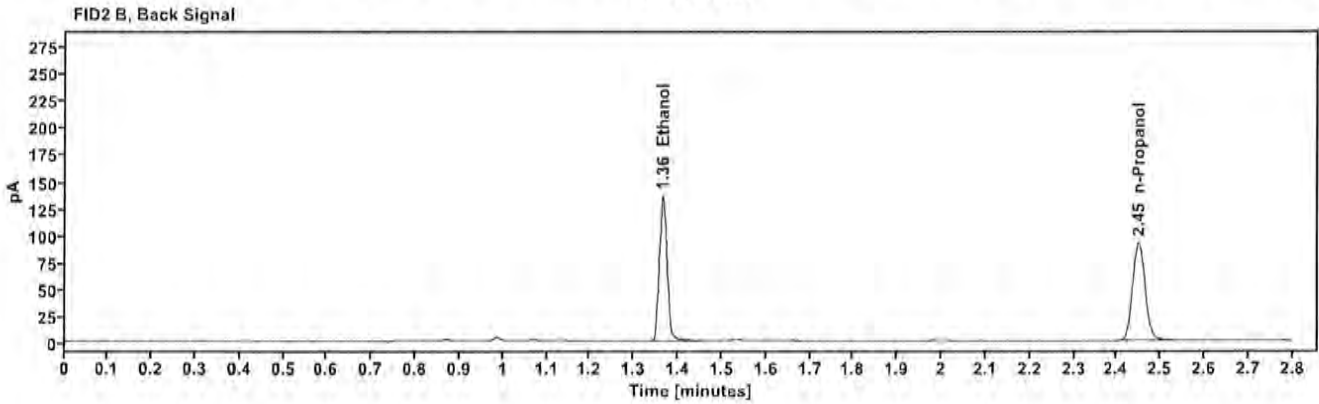
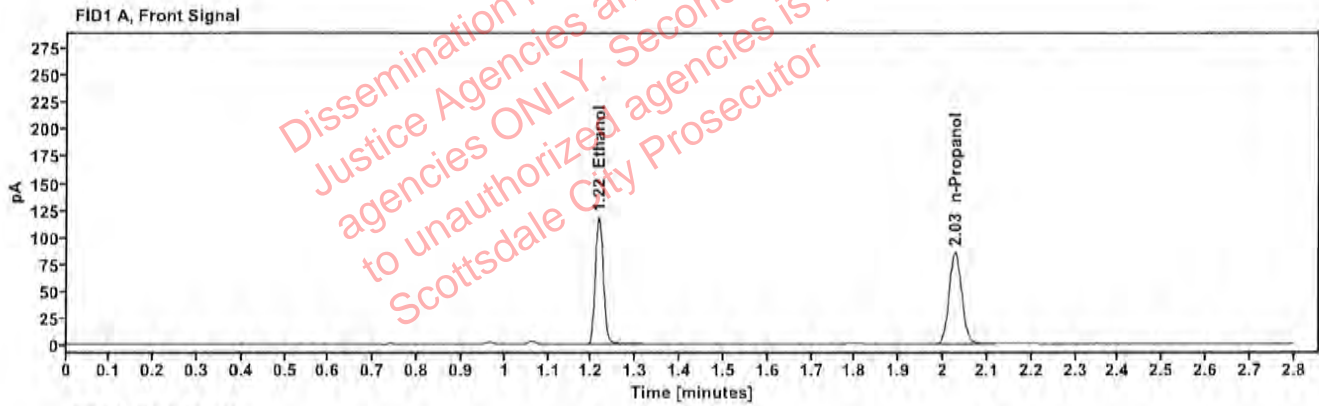


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2415	1.216	149.810
n-Propanol	—	2.026	169.832

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

Compound	Time (min)	Peak Area
Ethanol	1.365	164.264
n-Propanol	2.450	184.105



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503843-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:35:45 PM
Data file:	C:\Chem32\1\Data\26Feb25\14.D	Analyst:	Canonico

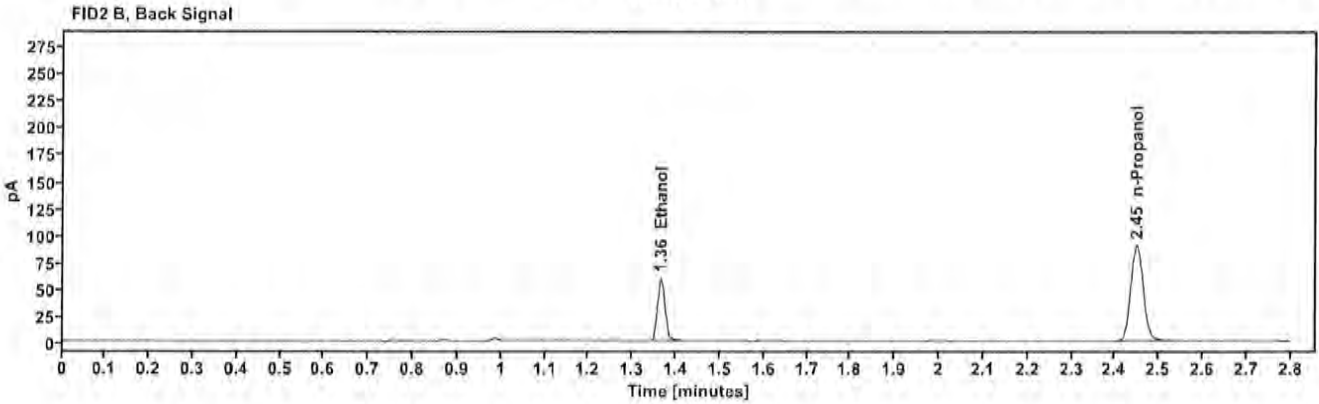
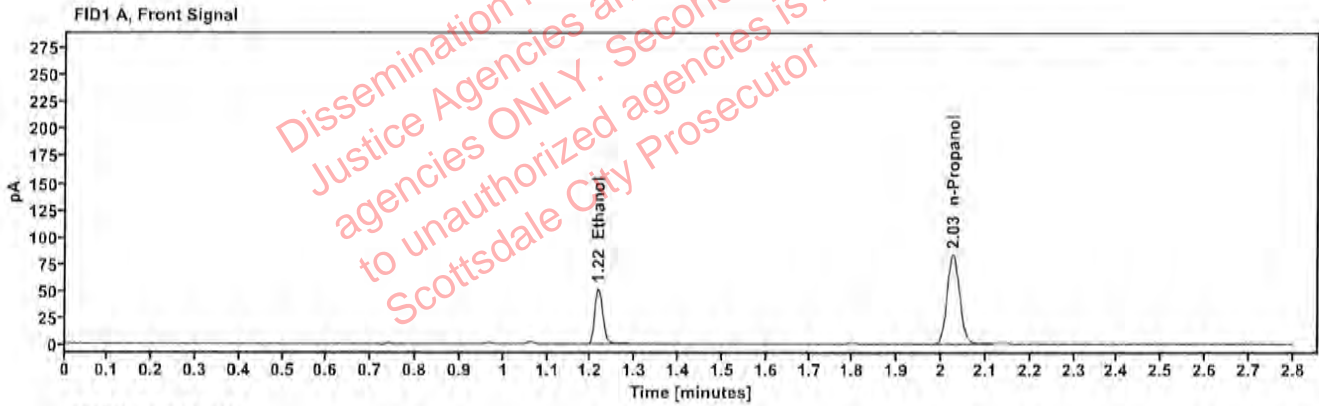


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1096	1.217	65.959
n-Propanol		2.026	165.929

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

Compound	Time (min)	Peak Area
Ethanol	1.365	72.073
n-Propanol	2.449	180.098

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503843-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:39:44 PM
Data file:	C:\Chem32\1\Data\26Feb25\15.D	Analyst:	Canonico

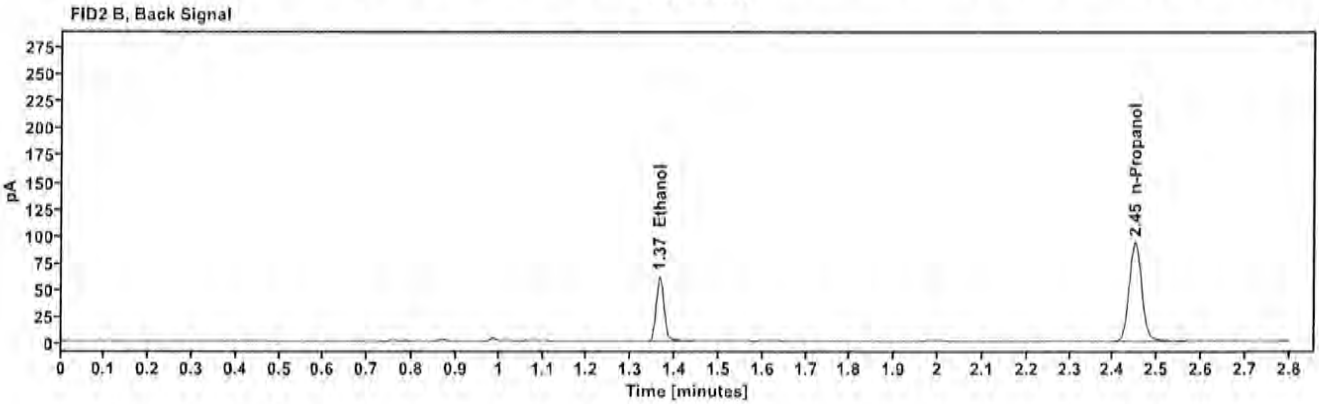
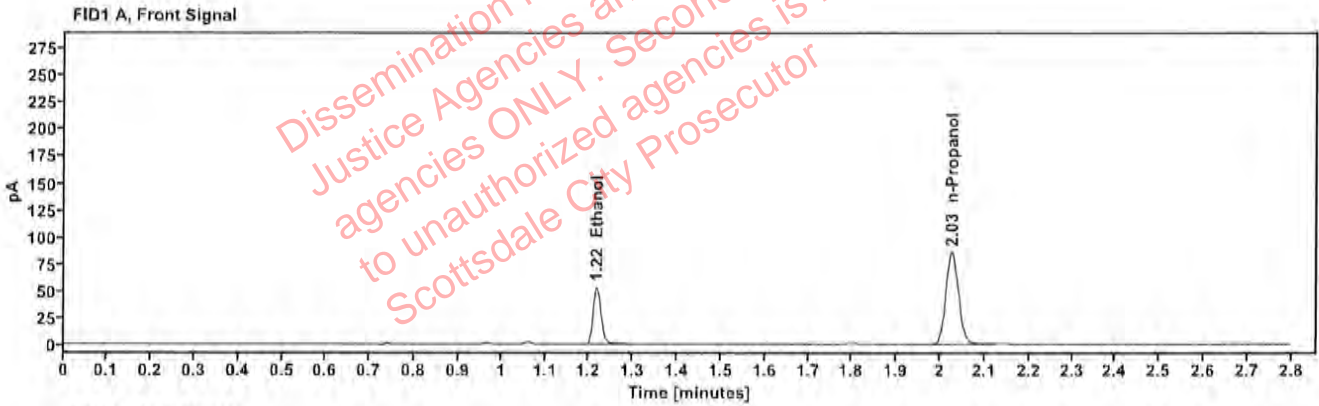


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1097	1.217	67.638
n-Propanol	—	2.026	170.099

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

Compound	Time (min)	Peak Area
Ethanol	1.365	73.924
n-Propanol	2.449	184.621

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503841-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:43:45 PM
Data file:	C:\Chem32\1\Data\26Feb25\16.D	Analyst:	Canonico

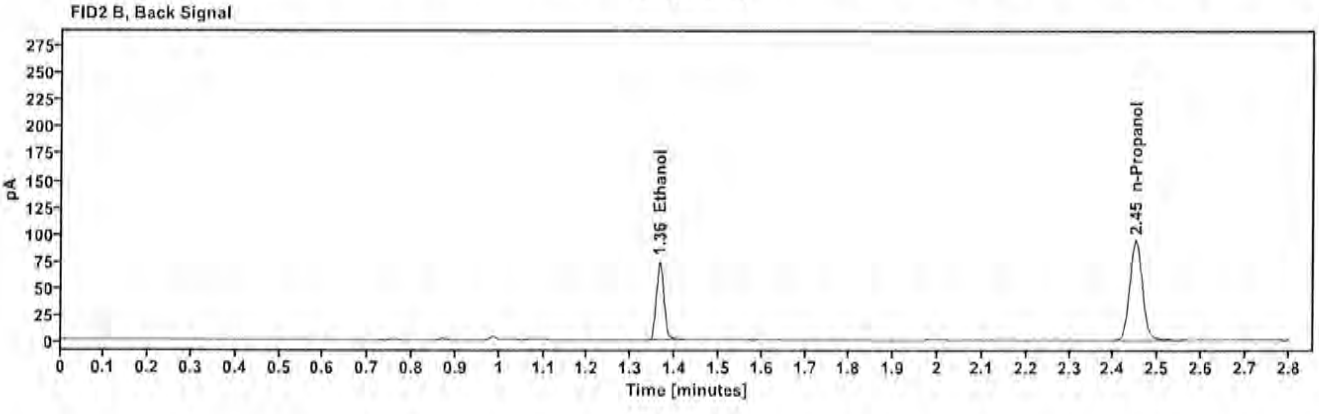
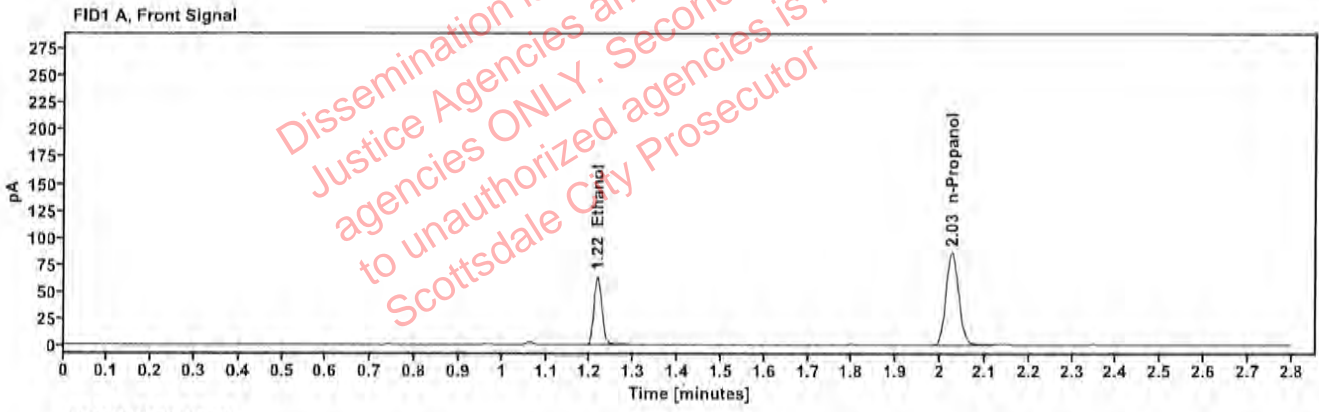


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1309	1.216	81.645
n-Propanol	—	2.026	171.665

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

Compound	Time (min)	Peak Area
Ethanol	1.365	89.421
n-Propanol	2.450	186.131

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503841-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:47:44 PM
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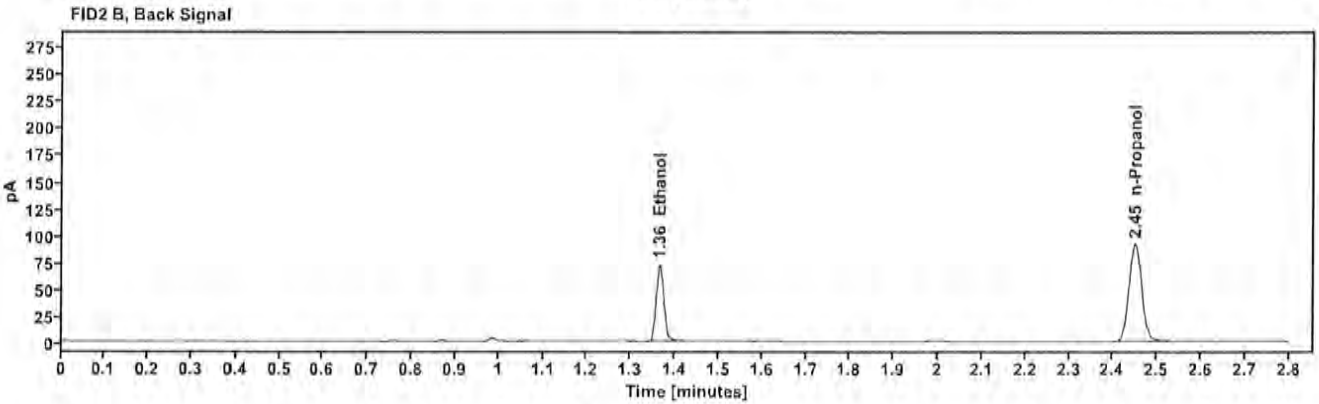
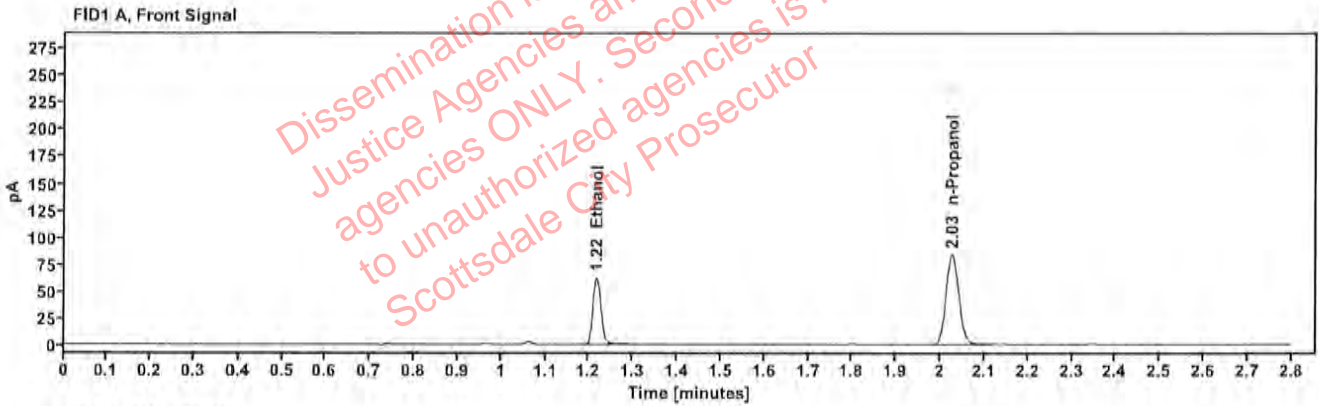


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1306	1.216	79.765
n-Propanol	—	2.026	168.063

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

Compound	Time (min)	Peak Area
Ethanol	1.365	87.075
n-Propanol	2.449	182.151

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503911-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:51:44 PM
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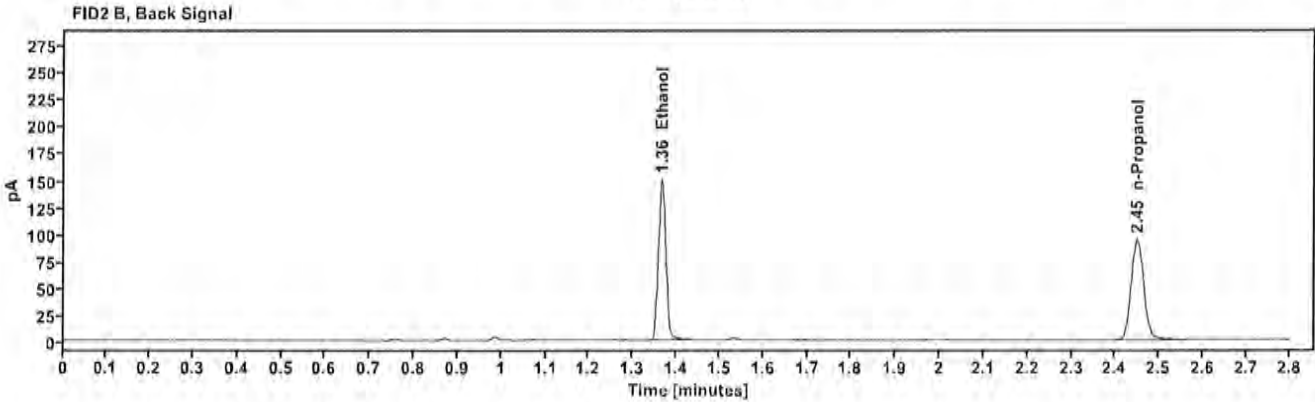
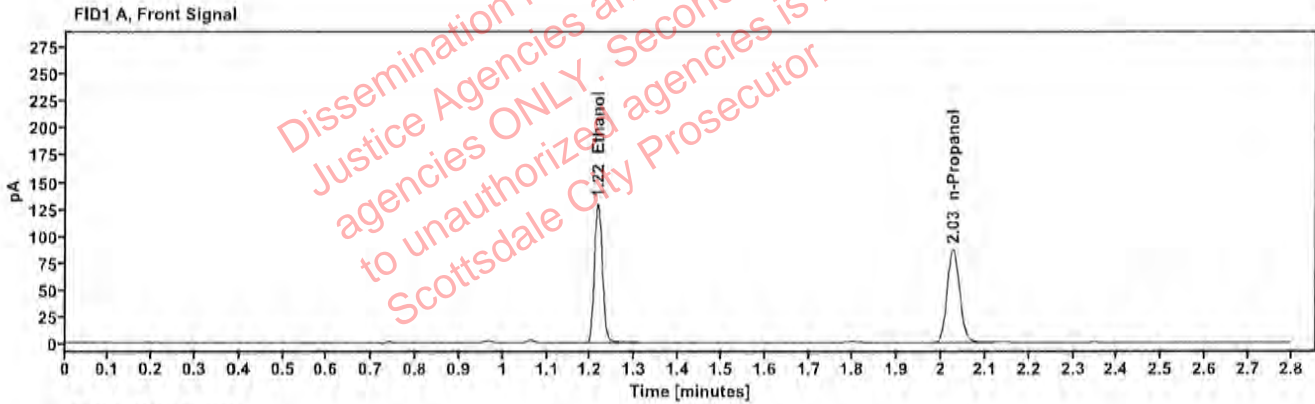


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2618	1.216	165.485
n-Propanol	—	2.026	172.942

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

Compound	Time (min)	Peak Area
Ethanol	1.365	181.654
n-Propanol	2.450	187.642

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503911-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 3:56:00 PM
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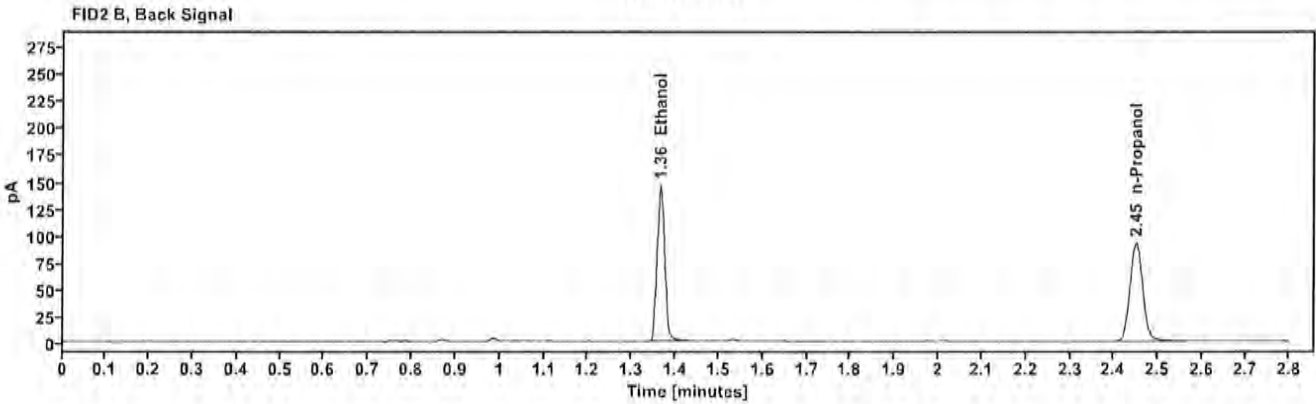
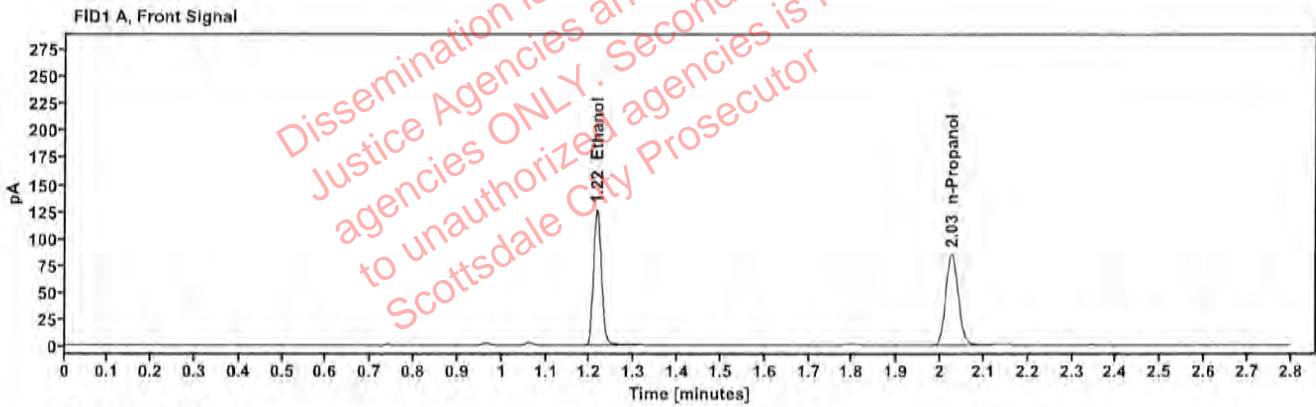


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2588	1.216	160.933
n-Propanol	---	2.026	170.131

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

Compound	Time (min)	Peak Area
Ethanol	1.365	176.510
n-Propanol	2.449	184.504

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503983-1	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:03:59 PM
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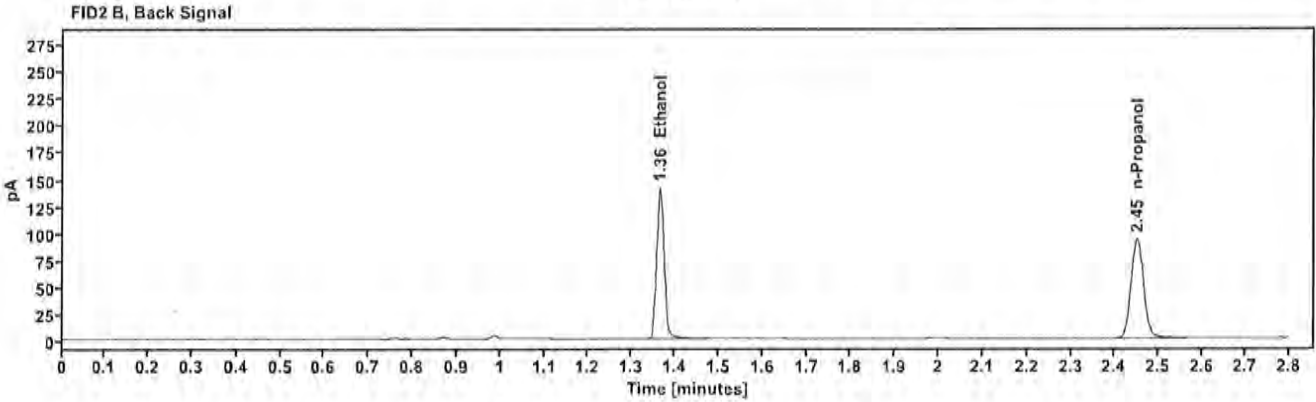
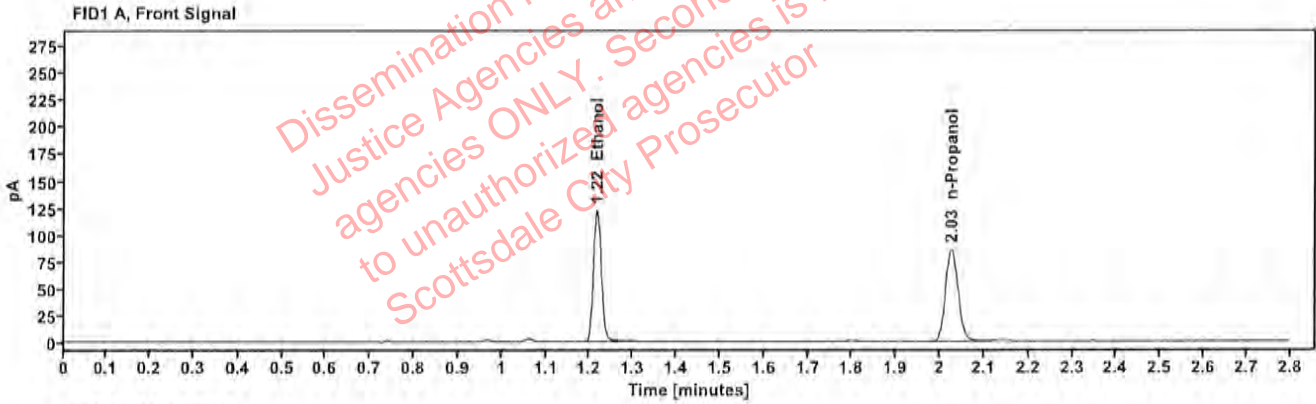


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2482	1.216	155.871
n-Propanol	---	2.026	171.880

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

Compound	Time (min)	Peak Area
Ethanol	1.365	172.489
n-Propanol	2.450	186.585

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503983-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:07:59 PM
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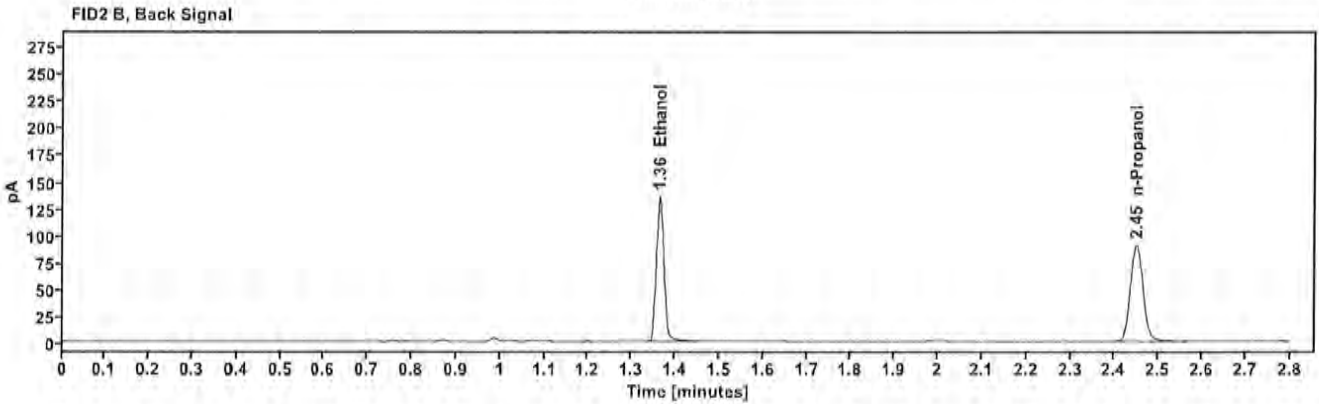
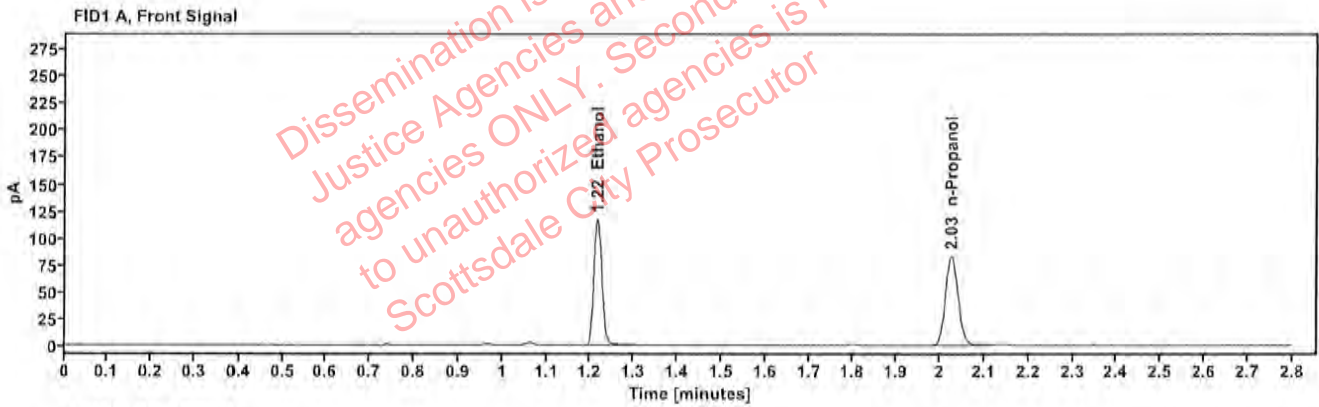


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2453	1.216	149.352
n-Propanol	—	2.026	166.652

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

Compound	Time (min)	Peak Area
Ethanol	1.364	163.786
n-Propanol	2.449	180.862



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503980-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:11:59 PM
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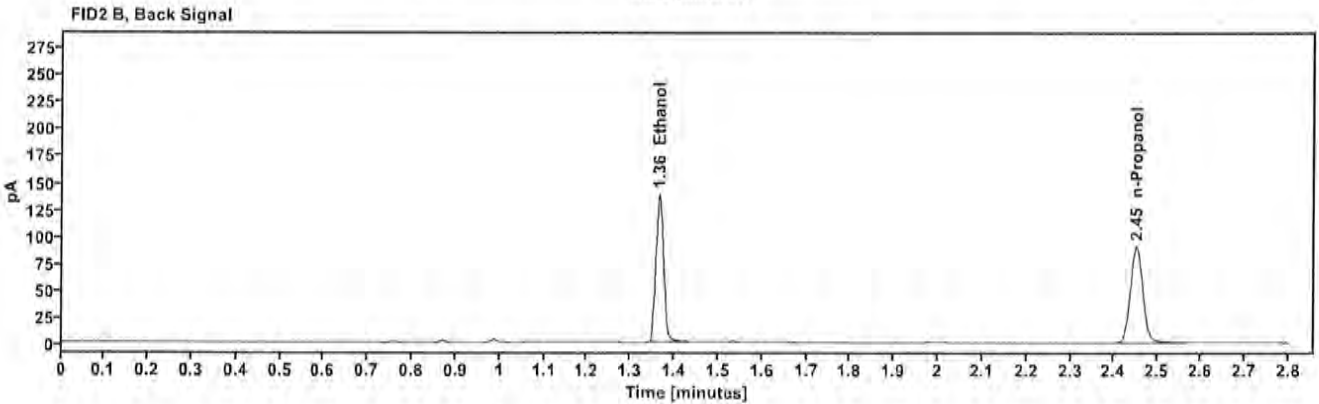
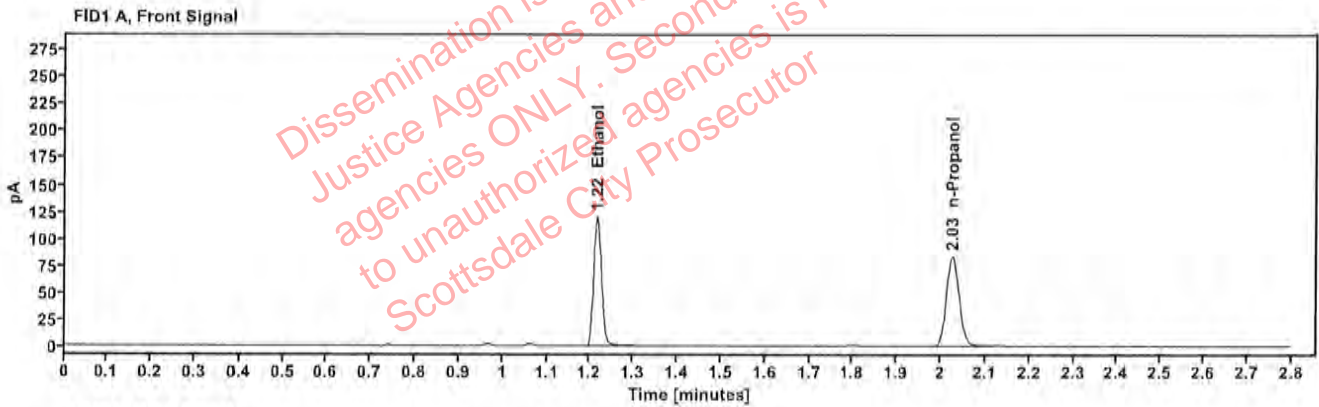


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2506	1.216	152.390
n-Propanol	---	2.027	166.434

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

Compound	Time (min)	Peak Area
Ethanol	1.365	167.345
n-Propanol	2.450	180.240

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503980-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:15:59 PM
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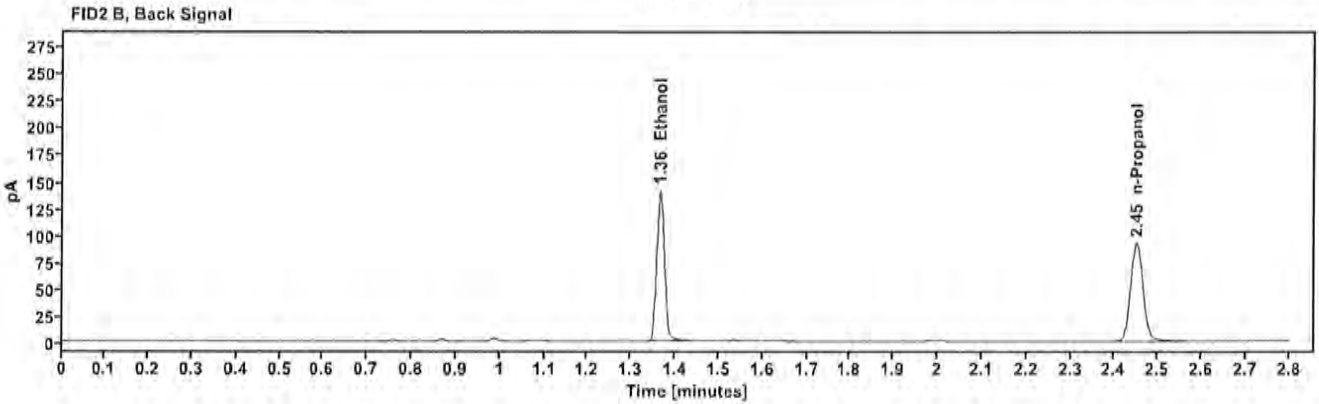
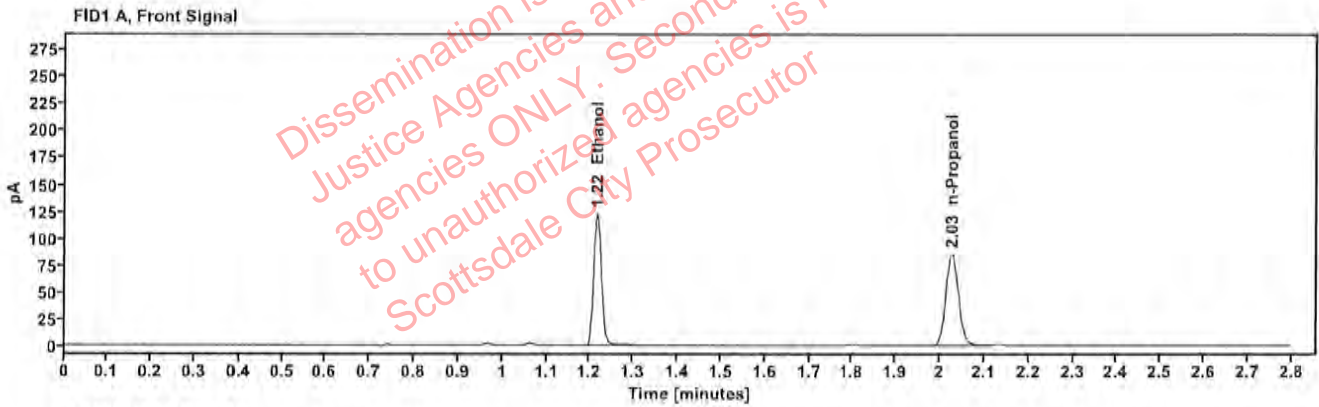


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2508	1.216	156.006
n-Propanol	—	2.027	170.220

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

Compound	Time (min)	Peak Area
Ethanol	1.365	171.270
n-Propanol	2.450	184.273

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2500763-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:20:14 PM
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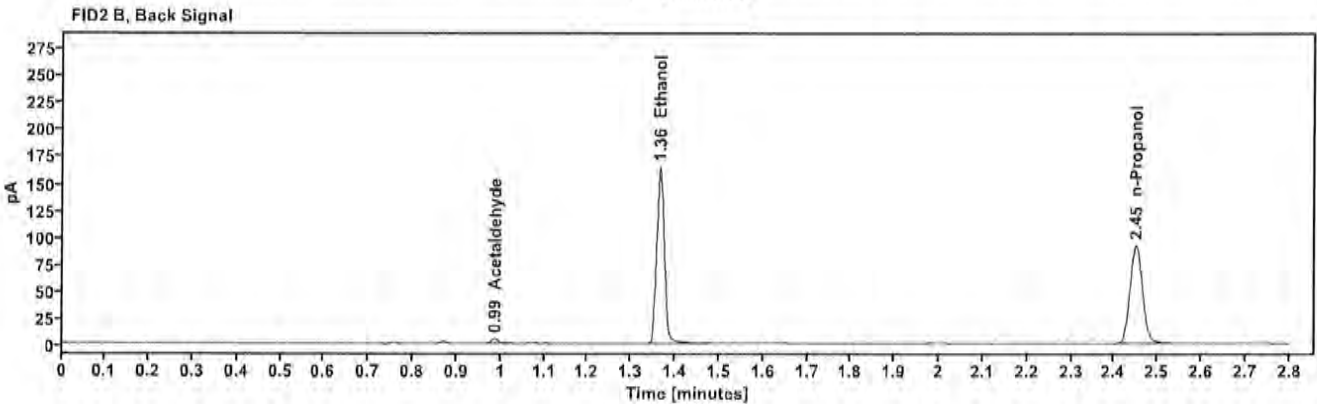
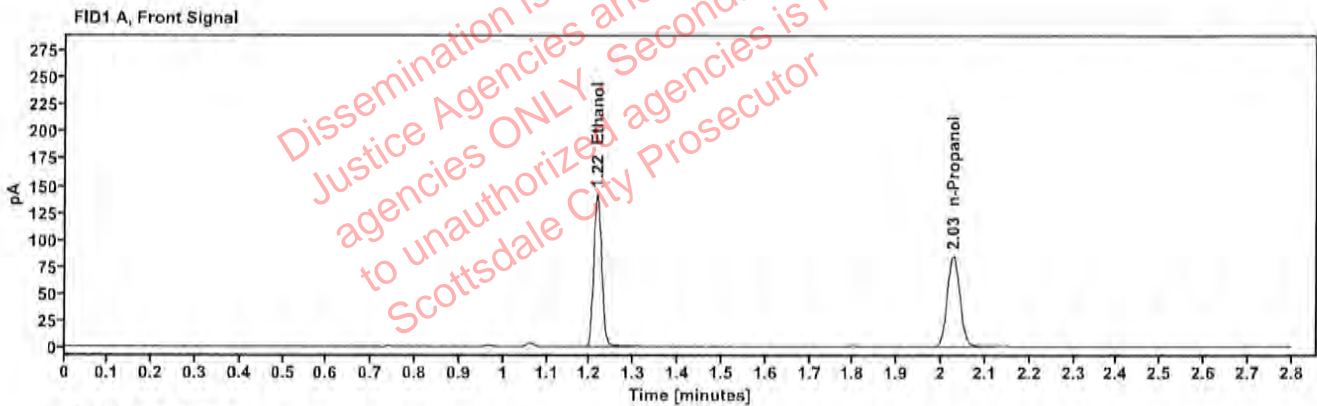


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2914	1.216	180.552
n-Propanol	—	2.027	169.408

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.205
Ethanol	1.365	198.550
n-Propanol	2.450	183.410

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2500763-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:24:14 PM
Data file:	C:\Chem32\1\Data\26Feb25\26.D	Analyst:	Canonico

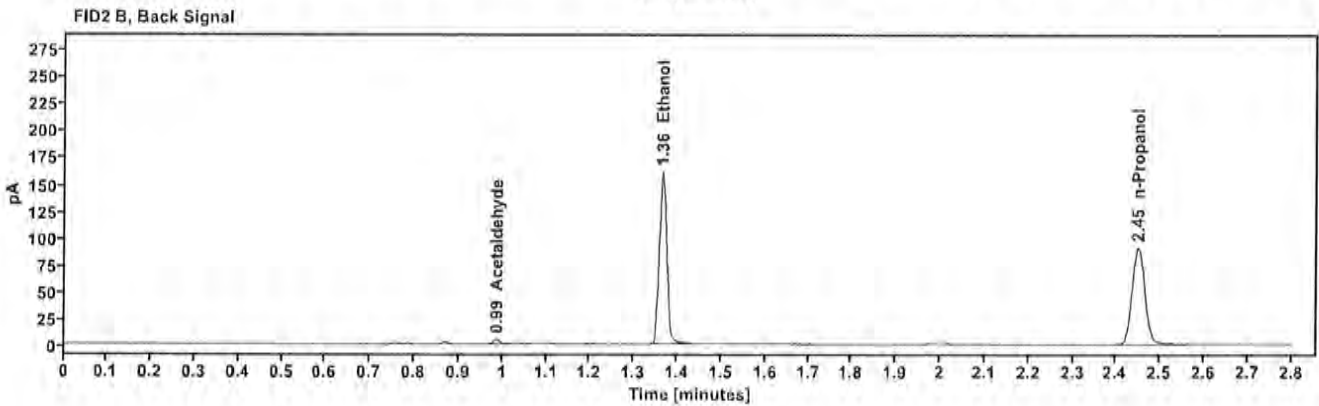
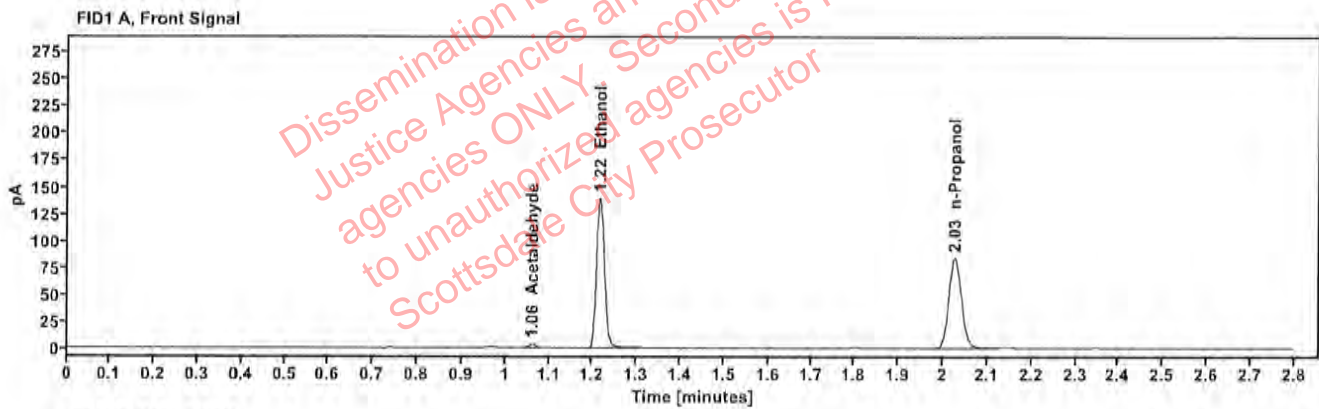


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.061	3.805
>Ethanol	0.2896	1.216	177.469
n-Propanol	---	2.027	167.599

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.281
Ethanol	1.365	195.115
n-Propanol	2.450	181.452

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503905-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:28:14 PM
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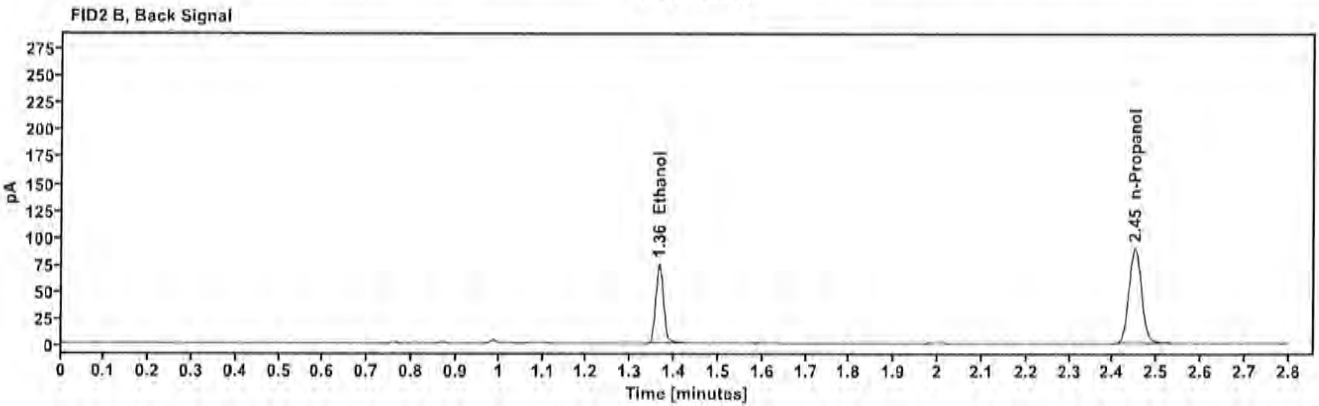
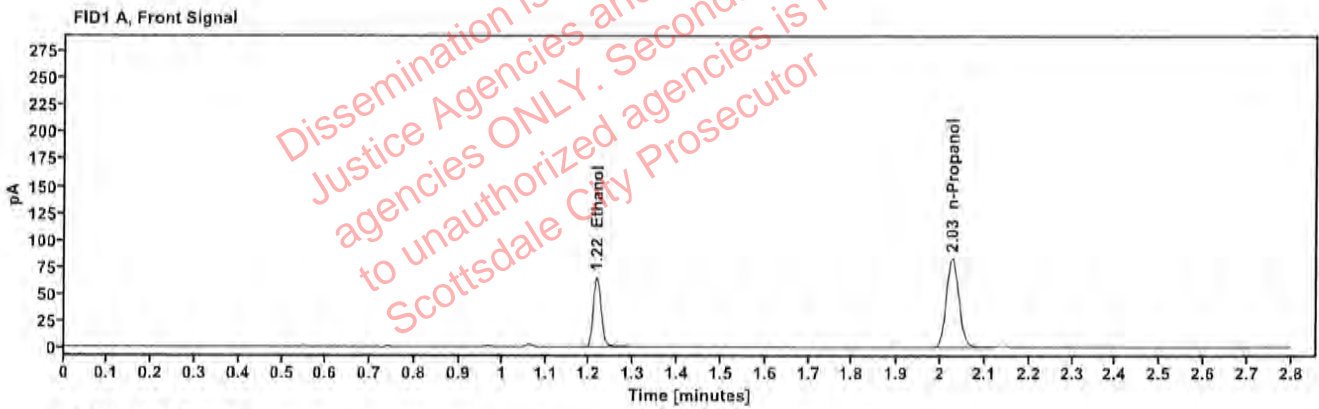


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1382	1.216	83.085
n-Propanol	-----	2.026	165.326

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

Compound	Time (min)	Peak Area
Ethanol	1.365	90.735
n-Propanol	2.450	179.060

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503905-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:32:14 PM
Data file:	C:\Chem32\1\Data\26Feb25\28.D	Analyst:	Canonico

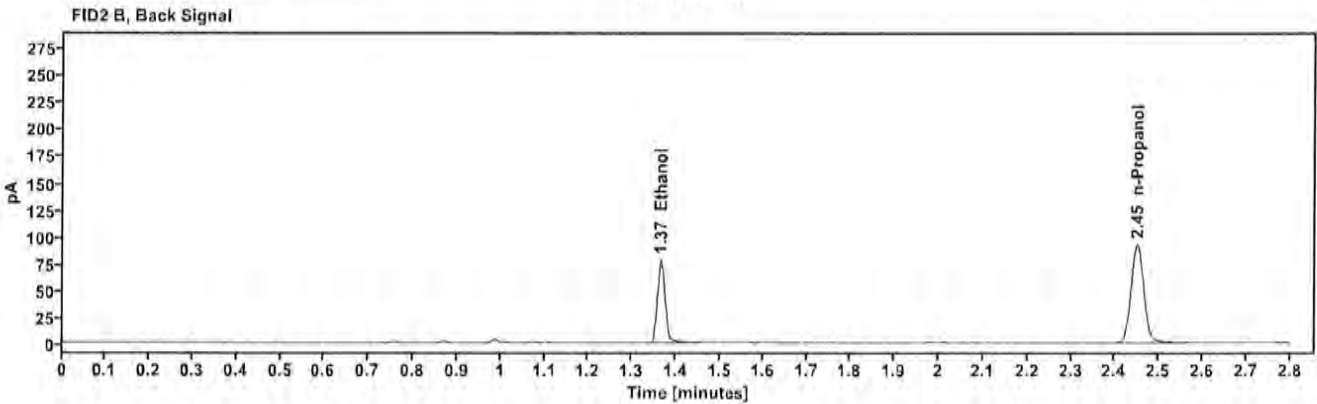
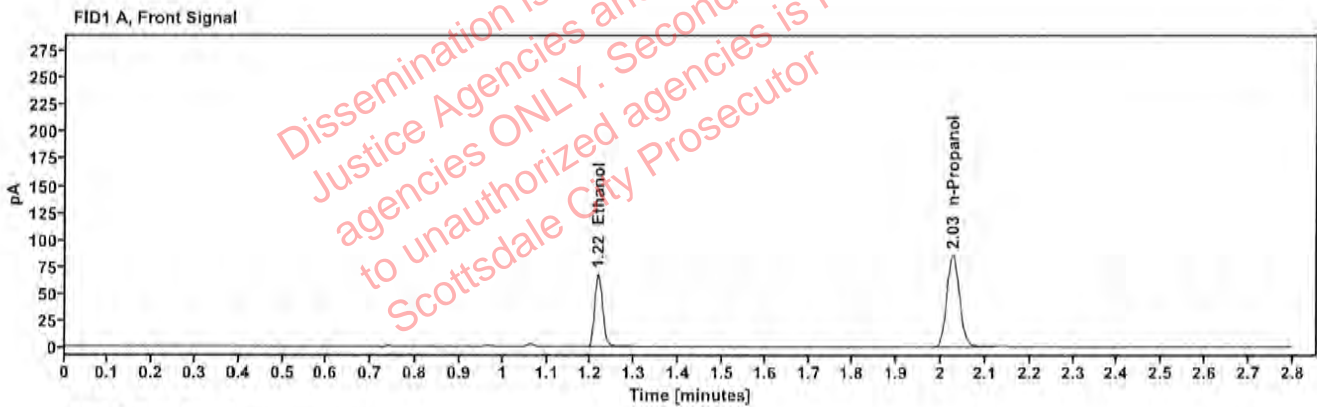


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1390	1.217	86.137
n-Propanol	---	2.026	170.459

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

Compound	Time (min)	Peak Area
Ethanol	1.365	94.190
n-Propanol	2.450	184.722

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503967-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:36:15 PM
Data file:	C:\Chem32\1\Data\26Feb25\29.D	Analyst:	Canonico

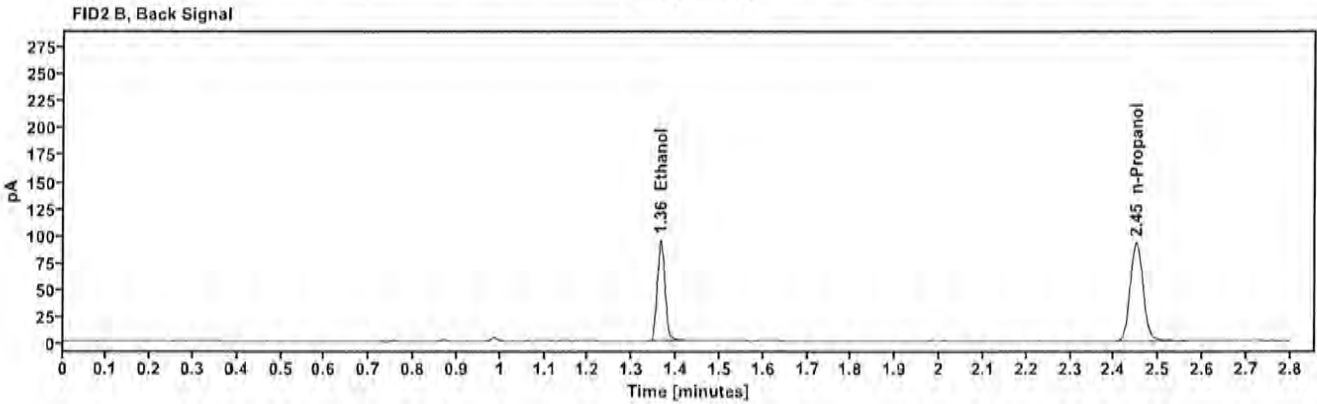
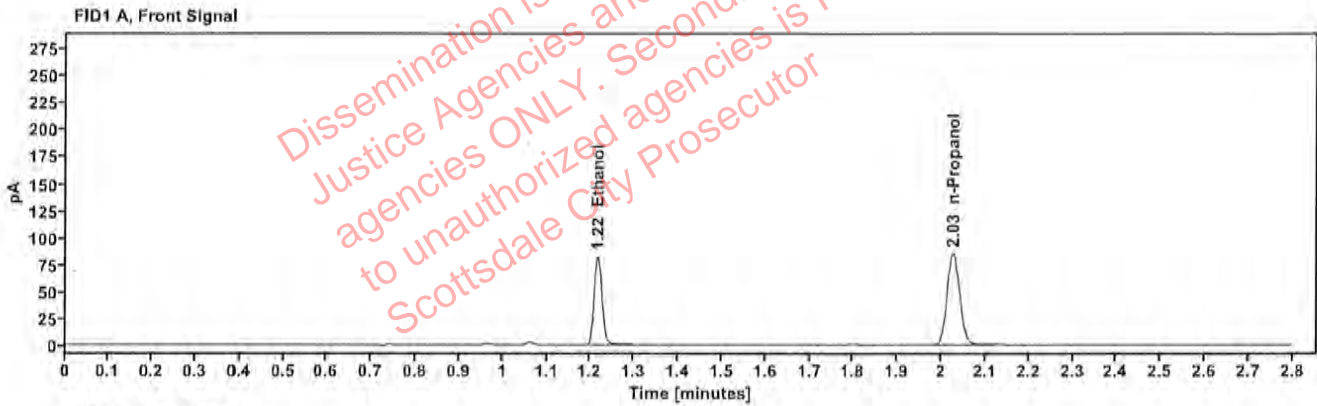


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1693	1.216	104.744
n-Propanol	—	2.026	169.850

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

Compound	Time (min)	Peak Area
Ethanol	1.365	114.401
n-Propanol	2.449	184.259

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503967-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:40:14 PM
Data file:	C:\Chem32\1\Data\26Feb25\30.D	Analyst:	Canonico

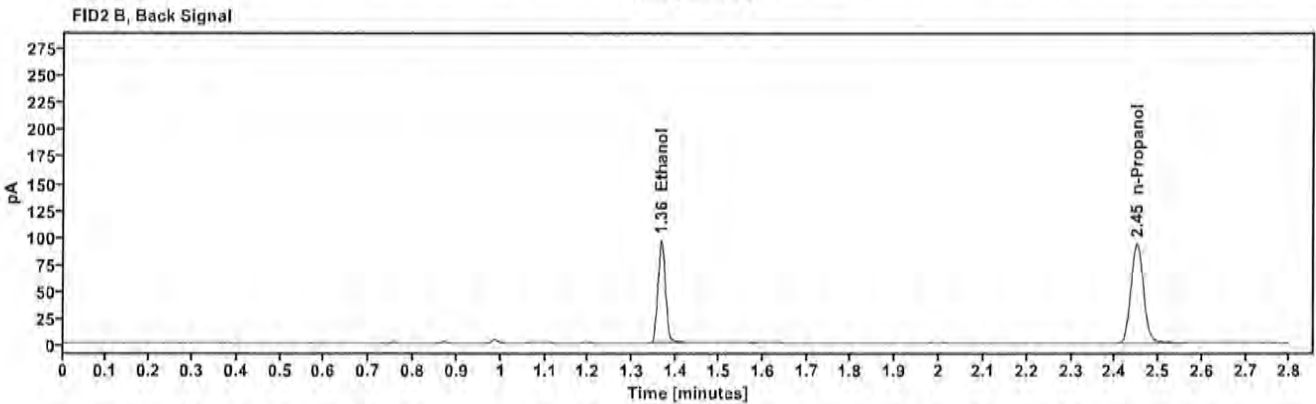
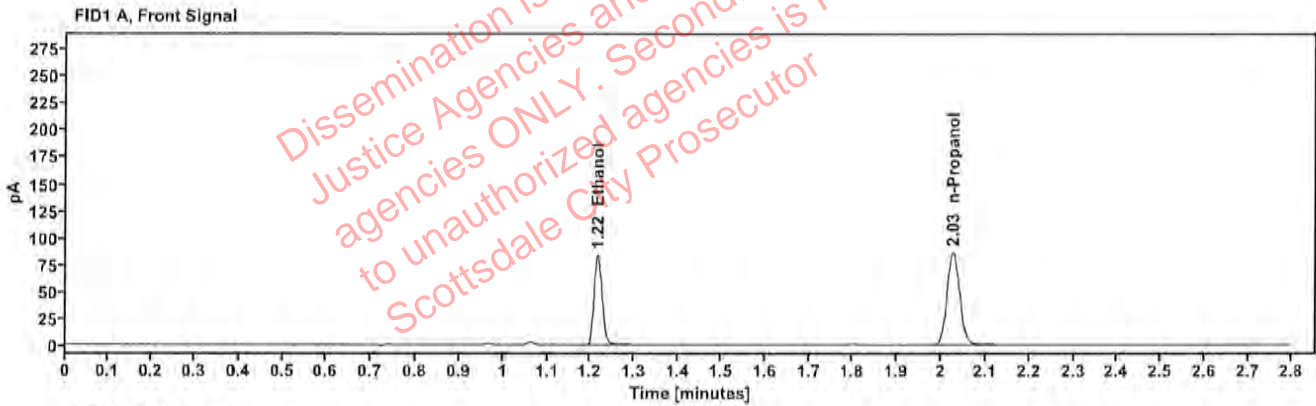


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1699	1.216	106.484
n-Propanol	---	2.026	172.002

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

Compound	Time (min)	Peak Area
Ethanol	1.365	116.565
n-Propanol	2.450	186.414



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503986-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:48:29 PM
Data file:	C:\Chem32\1\Data\26Feb25\32.D	Analyst:	Canonico

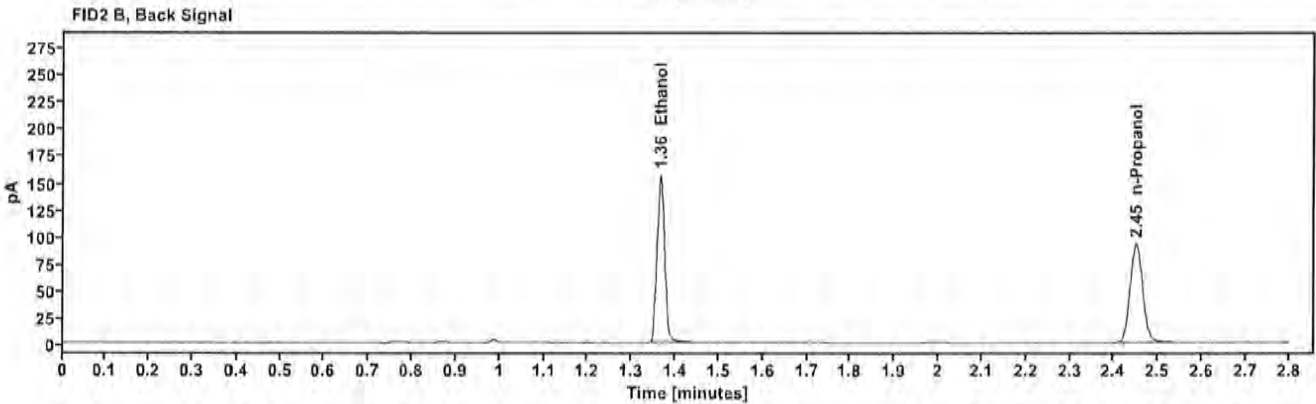
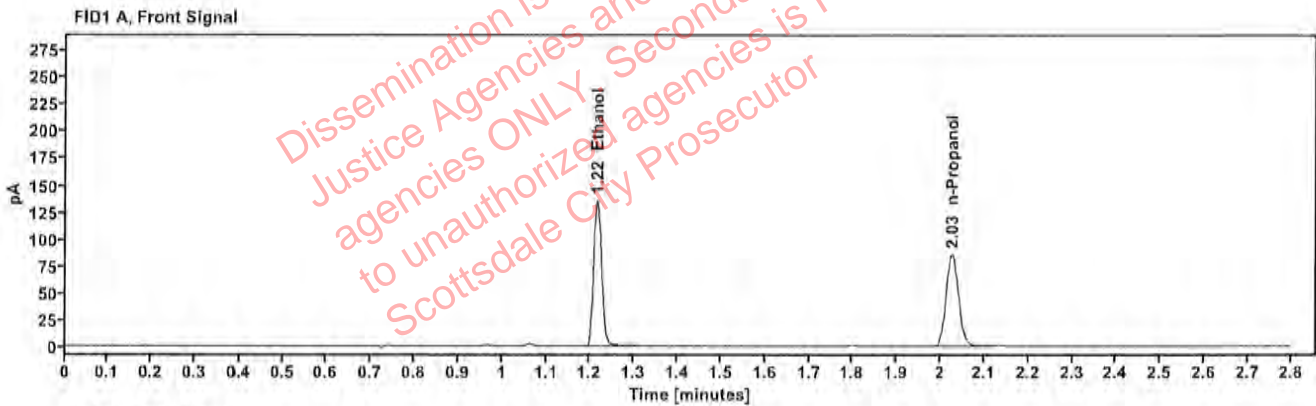


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2764	1.216	172.417
n-Propanol	---	2.025	170.602

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

Compound	Time (min)	Peak Area
Ethanol	1.364	189.429
n-Propanol	2.449	184.734

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503986-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:52:29 PM
Data file:	C:\Chem32\1\Data\26Feb25\33.D	Analyst:	Canonico

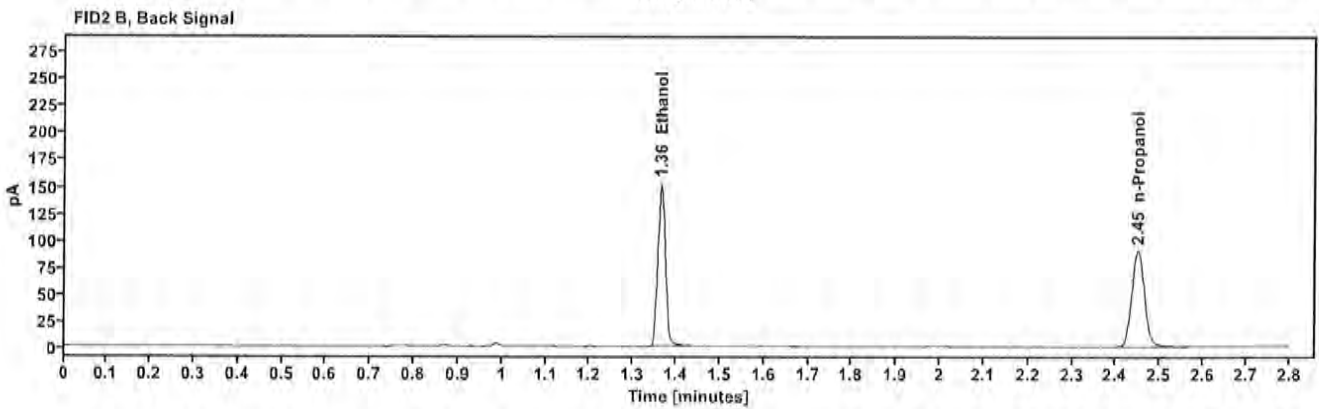
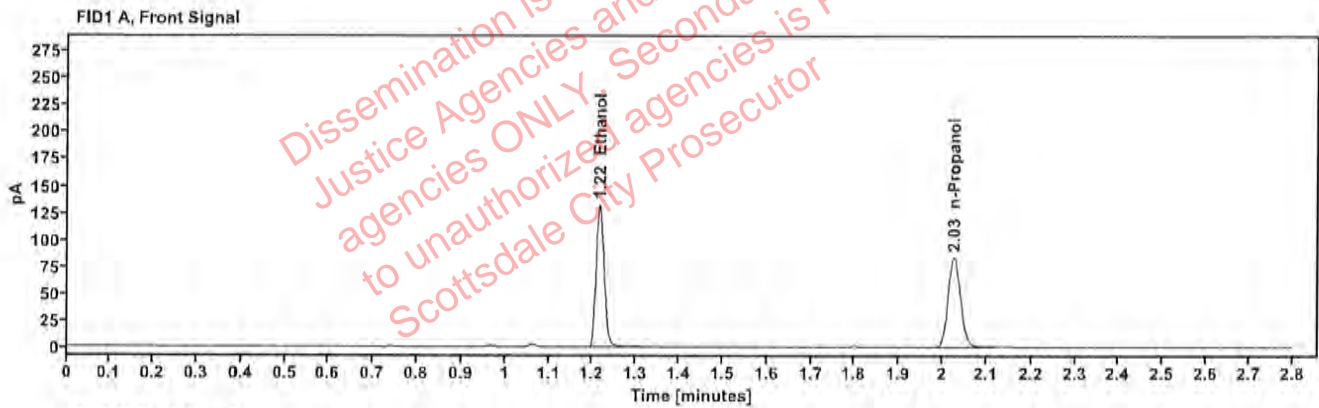


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2758	1.216	167.775
n-Propanol	—	2.026	166.385

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

Compound	Time (min)	Peak Area
Ethanol	1.364	184.191
n-Propanol	2.449	180.302

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504062-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 4:56:29 PM
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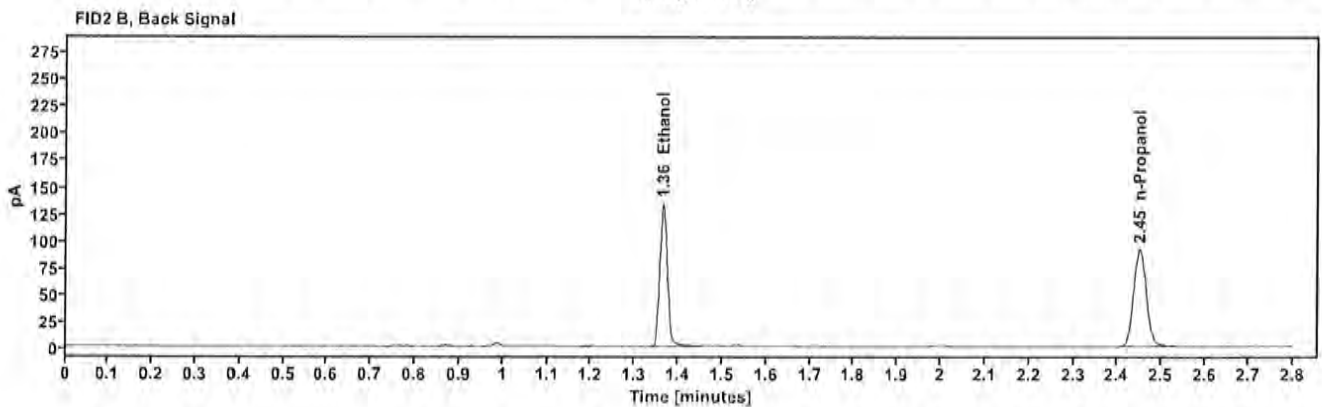
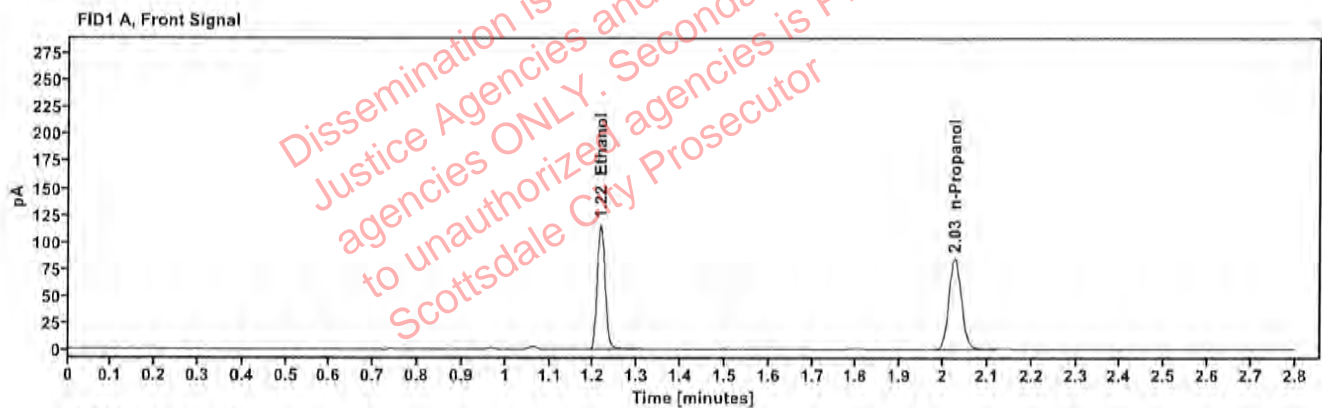


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2393	1.216	147.279
n-Propanol	---	2.026	168.482

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

Compound	Time (min)	Peak Area
Ethanol	1.365	161.483
n-Propanol	2.450	182.596

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504062-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 5:00:29 PM
Data file:	C:\Chem32\1\Data\26Feb25\35.D	Analyst:	Canonico

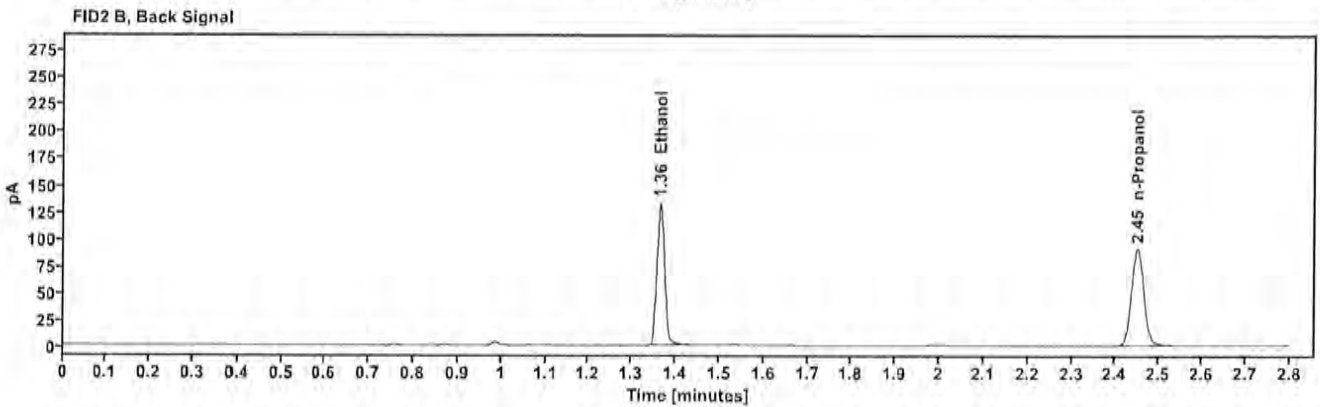
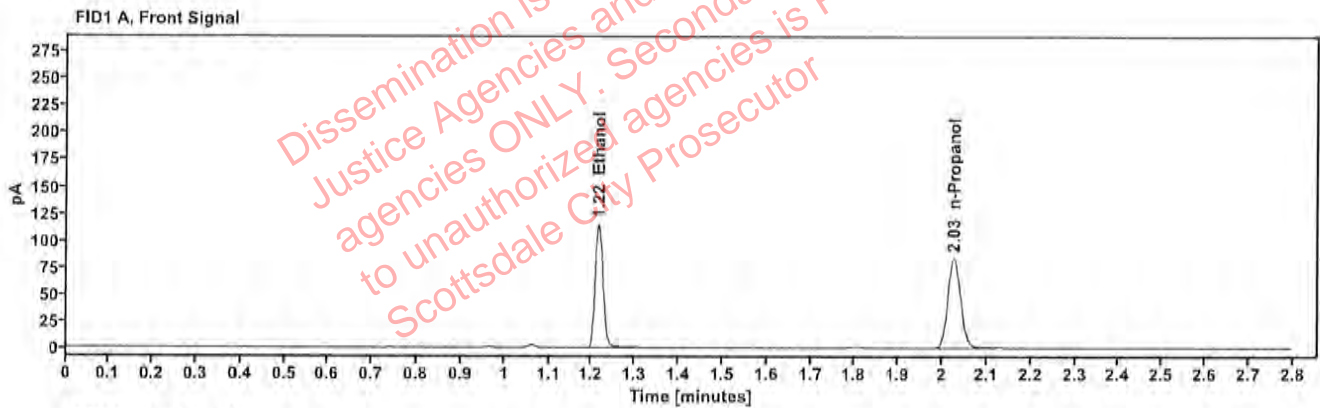


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2391	1.216	146.287
n-Propanol	---	2.026	167.465

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

Compound	Time (min)	Peak Area
Ethanol	1.364	160.857
n-Propanol	2.449	181.497

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504131-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 5:04:29 PM
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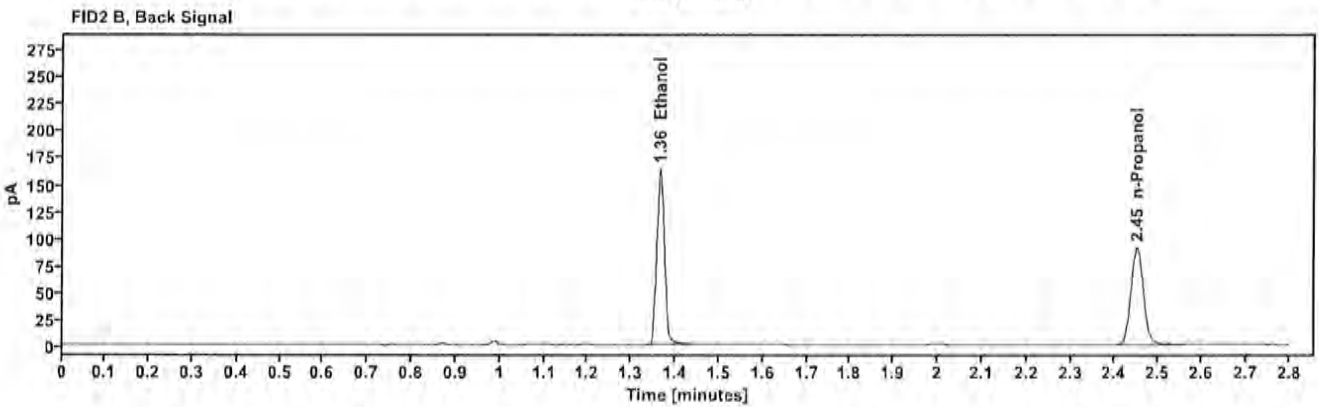
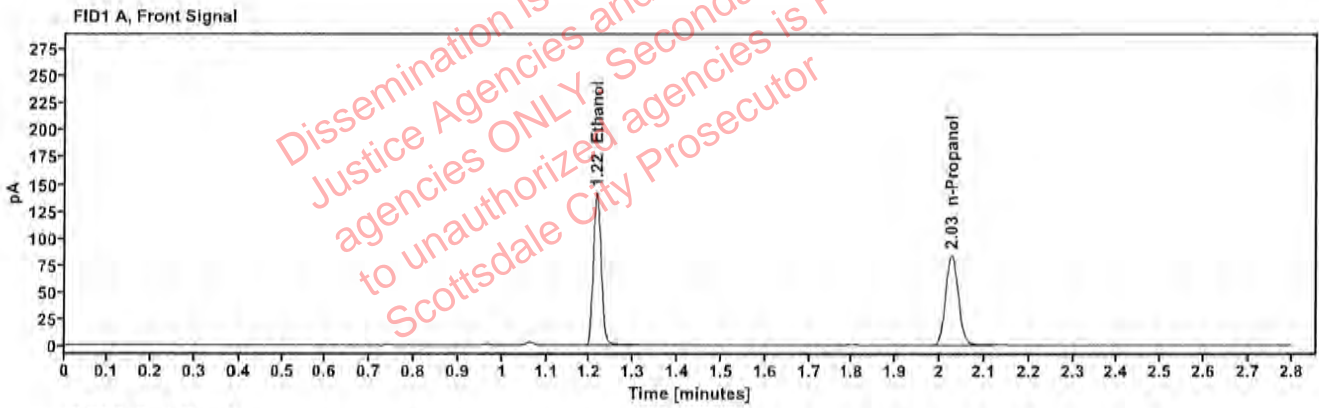


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2937	1.216	180.028
n-Propanol	---	2.026	167.594

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

Compound	Time (min)	Peak Area
Ethanol	1.365	197.756
n-Propanol	2.450	181.224

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504131-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 5:08:45 PM
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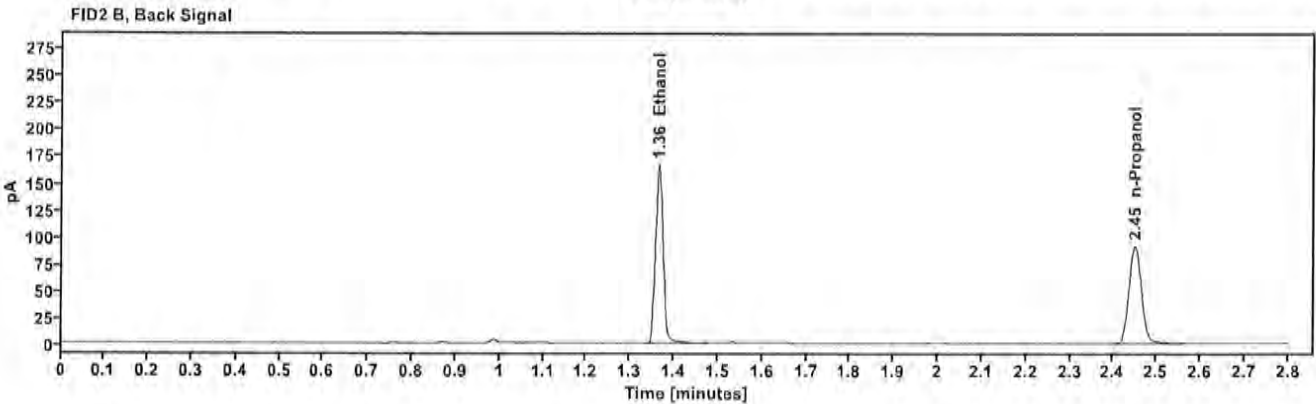
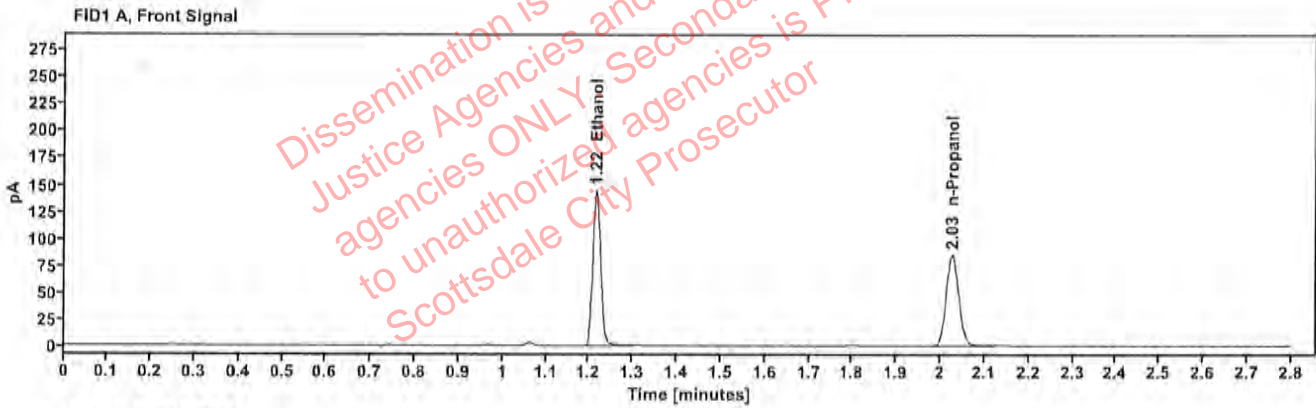


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2964	1.216	183.129
n-Propanol	—	2.026	168.963

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

Compound	Time (min)	Peak Area
Ethanol	1.365	201.311
n-Propanol	2.450	182.769

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504145-3	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
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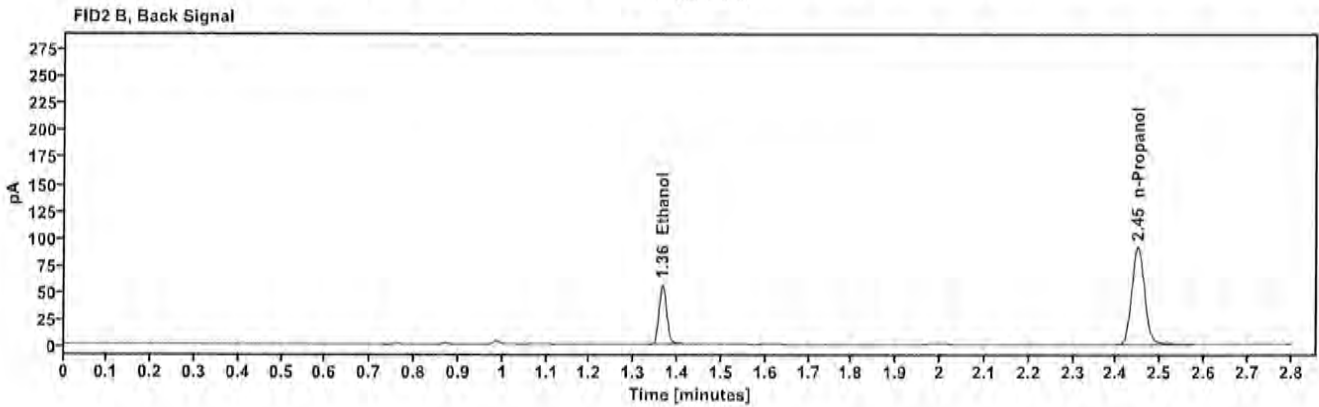
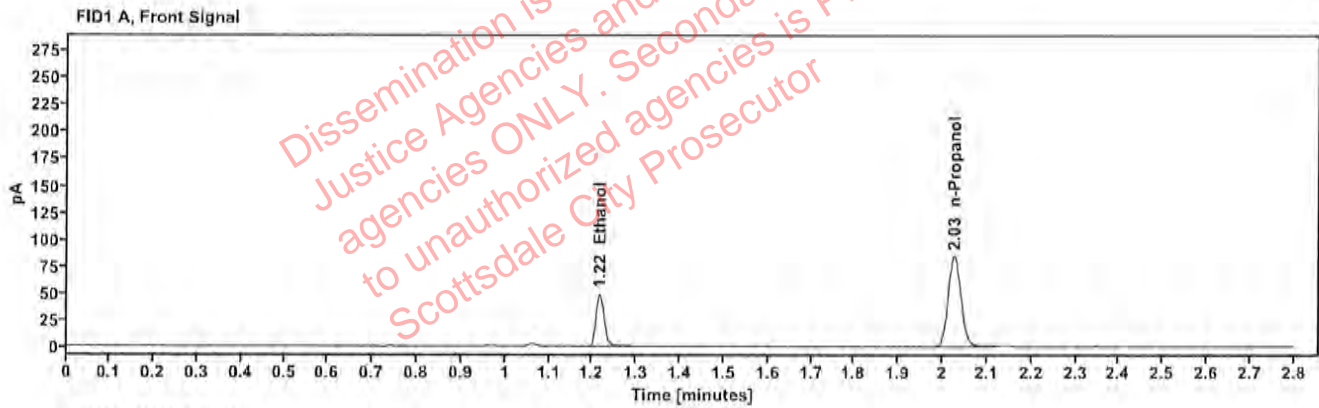


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1026	1.216	62.575
n-Propanol	—	2.026	168.377

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

Compound	Time (min)	Peak Area
Ethanol	1.365	68.191
n-Propanol	2.449	182.855

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504145-3	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Feb25
Instrument:	US14173023 CN14160045	Injection date:	2/26/2025 5:16:44 PM
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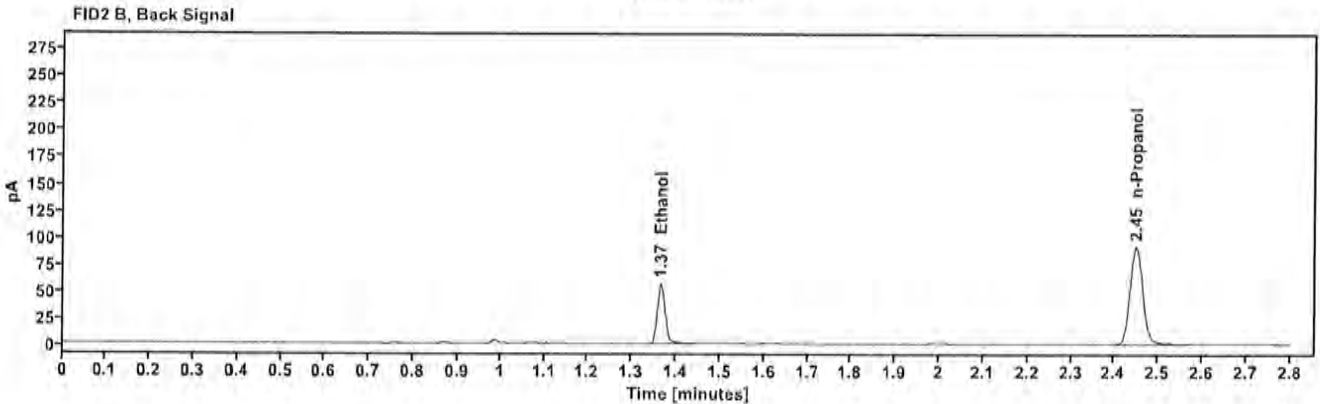
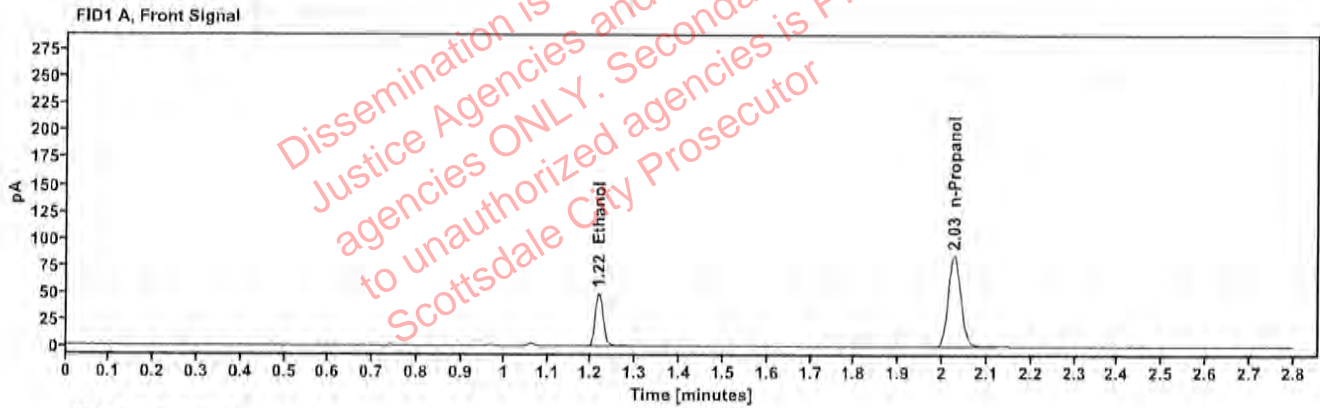


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1025	1.217	62.721
n-Propanol	—	2.026	168.933

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

Compound	Time (min)	Peak Area
Ethanol	1.365	68.516
n-Propanol	2.450	183.271



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	4130622206/10	<b>Vial:</b>	40
<b>Description:</b>	ACQ 0.200 whole blood control	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	26Feb25
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	2/26/2025 5:20:44 PM
<b>Data file:</b>	C:\Chem32\1\Data\26Feb25\40.D	<b>Analyst:</b>	Canonico <span style="float: right;">80</span>

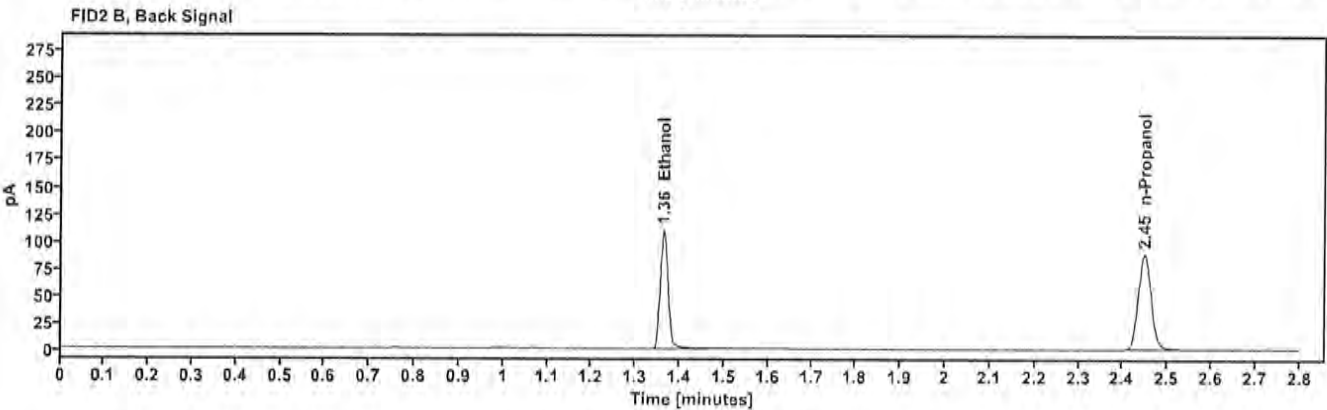
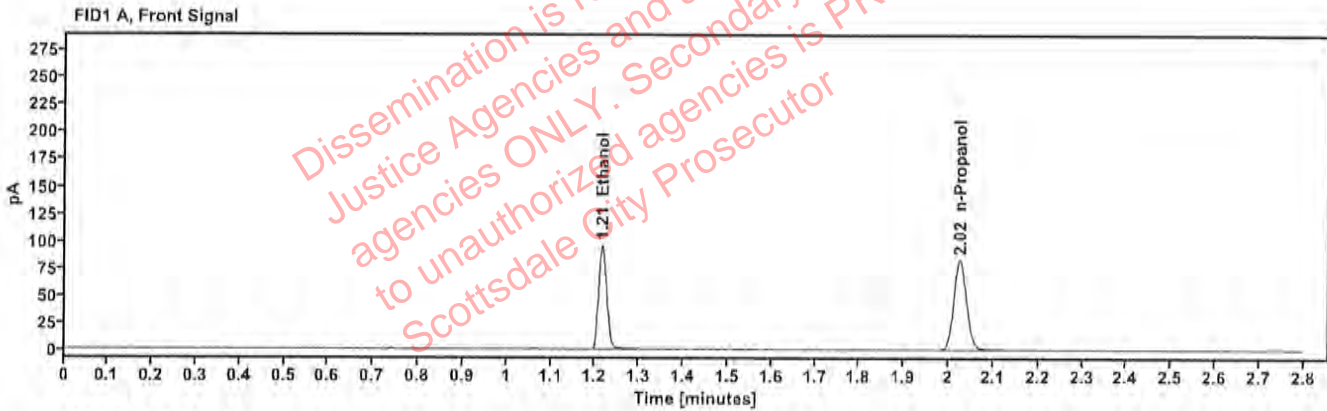


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2020	1.215	120.775
n-Propanol	—	2.025	163.869

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

Compound	Time (min)	Peak Area
Ethanol	1.363	132.832
n-Propanol	2.448	177.794

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4130622206/10	<b>Vial:</b> 41
<b>Description:</b> ACQ 0.200 whole blood control	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 26Feb25
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 2/26/2025 5:24:44 PM
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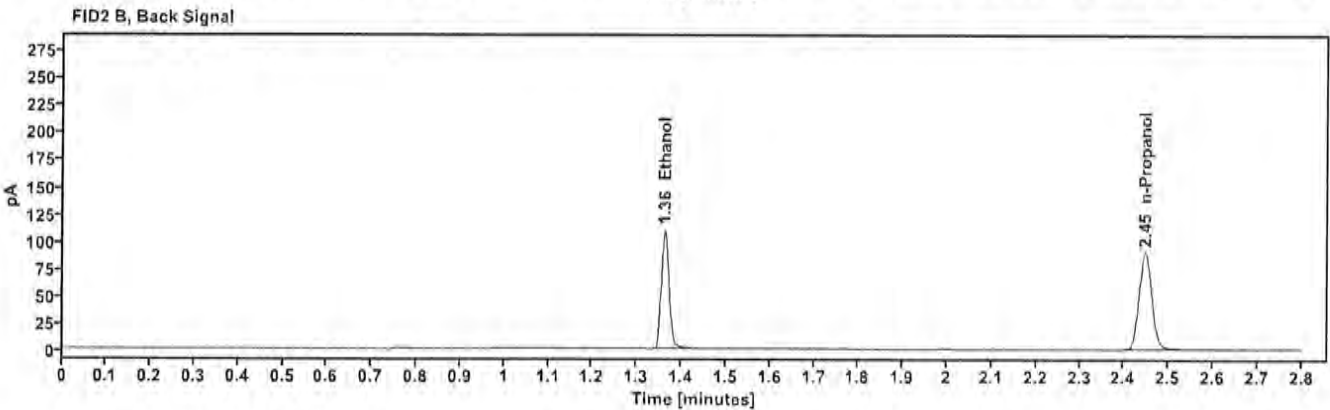
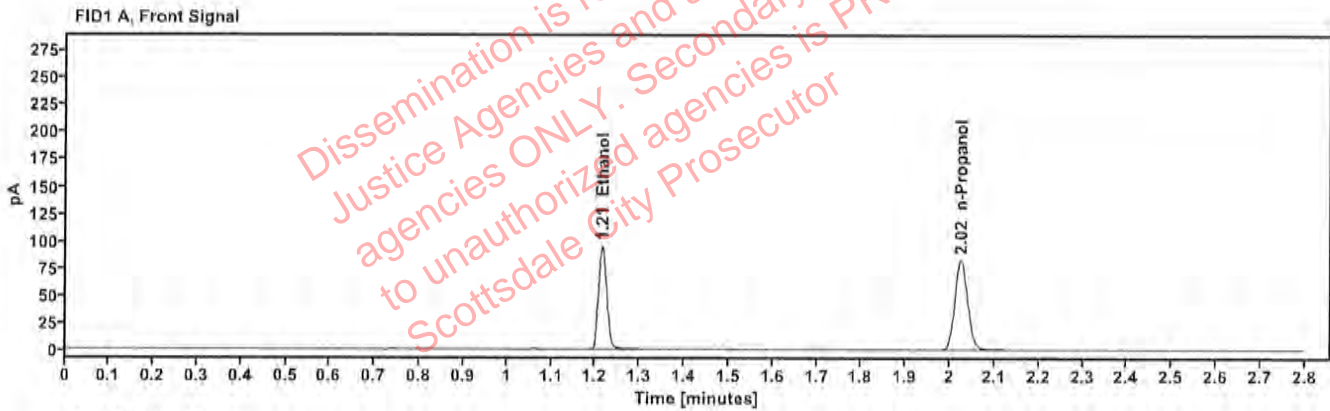


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.214	120.790
n-Propanol	-----	2.024	165.034

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

Compound	Time (min)	Peak Area
Ethanol	1.362	132.216
n-Propanol	2.447	179.256