

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/21/2024

SEQUENCE NAME 21May24

**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 0.99998  
 Vial 3 0.20 calibrator Lot FN03132302  
 Vial 4 0.40 calibrator Lot FN03052102

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

<u>Vial</u>	<u>Sample</u>	<u>Expected result</u>	<u>Measured result</u>	<u>Manufacturer/lot</u>
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 25052023-A
31	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/11
42	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 25052023-A
53	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 30012020-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
56	Blank	Not detected	Not detected	SPD lab 032824AQ

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

Run valid  Run invalid  Philip Brooks Analyst  
 Run valid  Run invalid  Erika Comonico Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

PB

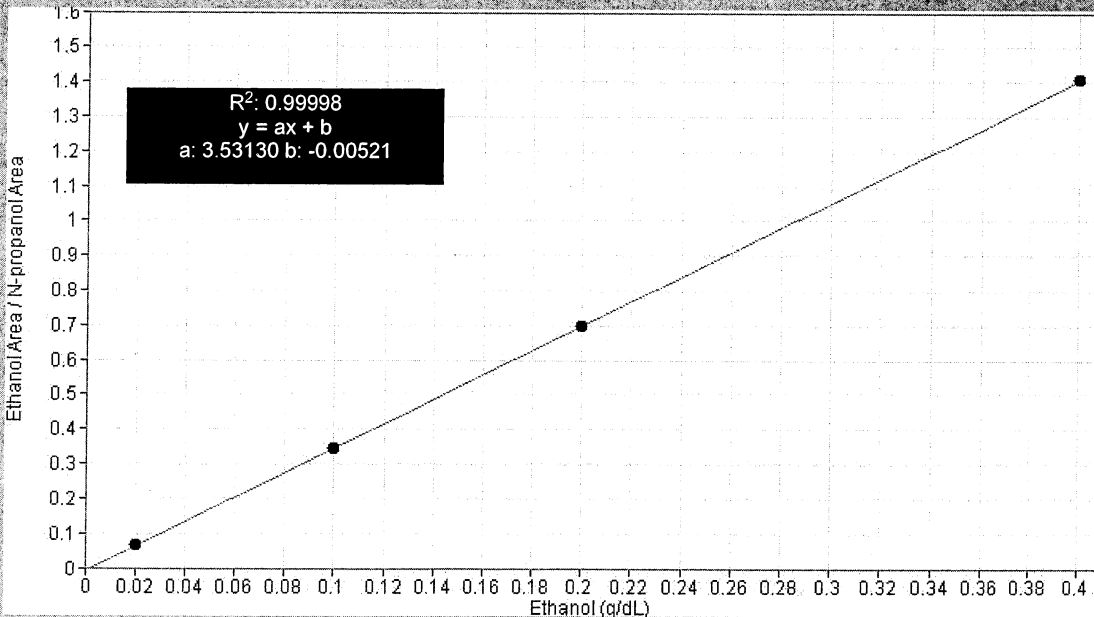
SEQUENCE NAME: 21May24

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823VWB	5	negative	negative	-	-
0.400 30012020-A	7	0.398	0.400	0.50	-0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/11	9	0.203	0.199	2.01	0.004
0.100 25052023-A	20	0.101	0.100	1.00	0.001
0.199 4110320133/11	31	0.205	0.199	3.02	0.006
0.100 25052023-A	42	0.100	0.100	0.00	0.000
0.400 30012020-A	53	0.402	0.400	0.50	0.002
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.199 4110320133/11	55	0.204	0.199	2.51	0.005
blank 032824AQ	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.051	176.944	0.068
0.100	60.552	174.532	0.347
0.200	121.709	174.512	0.697
0.400	248.188	176.115	1.409

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

<b>Sample:</b>	FN03122113	<b>Vial:</b>	1
<b>Description:</b>	0.020 calibrator	<b>Sequence:</b>	21May24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	5/21/2024 6:26:37 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke
<b>Data file:</b>	C:\Chem32\1\Data\21May24\1.D		

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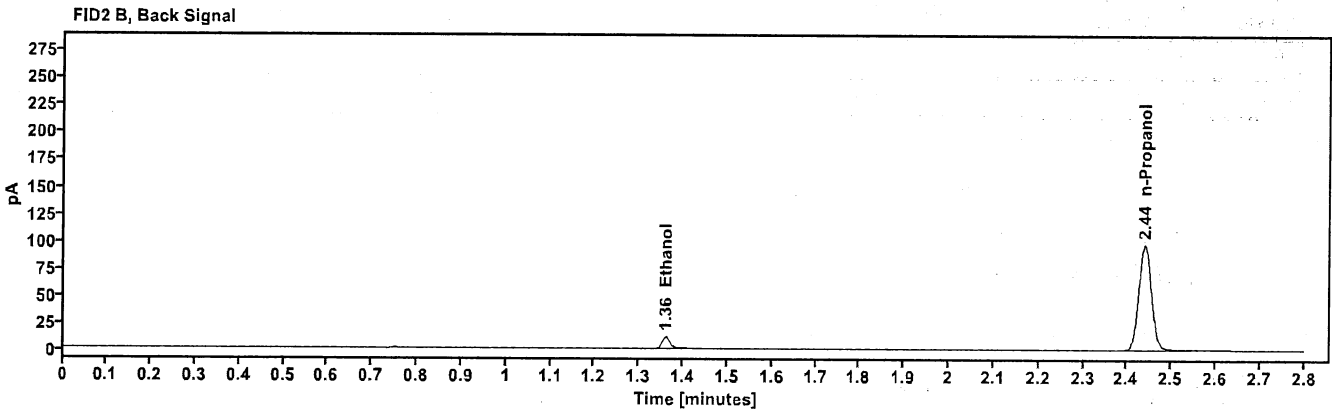
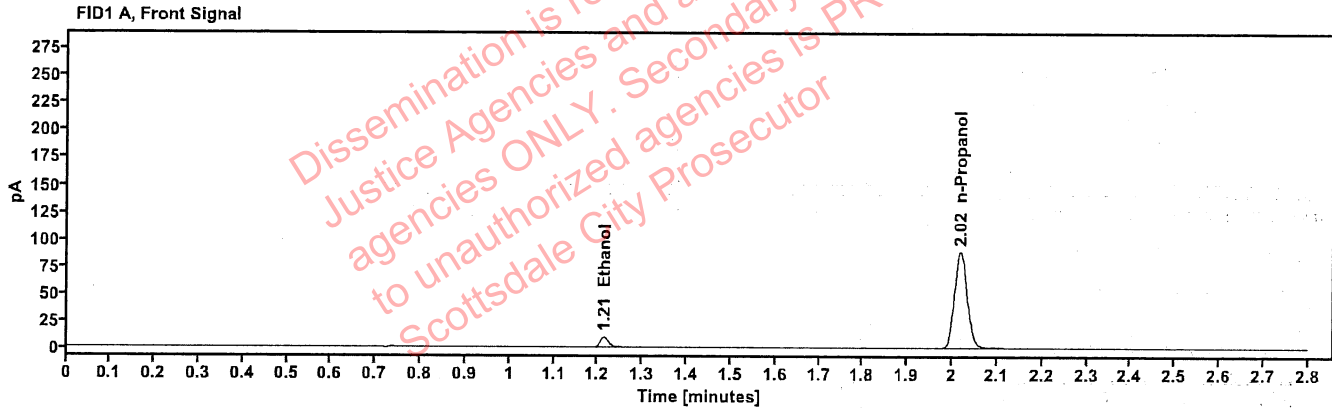


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	12.051
n-Propanol	2.018	176.944

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

Compound	Time (min)	Peak Area
Ethanol	1.360	13.195
n-Propanol	2.440	192.502

# Scottsdale Police Department Crime Lab Volatiles Analysis

493

<b>Sample:</b>	FN03072301	<b>Vial:</b>	2
<b>Description:</b>	0.100 calibrator	<b>Sequence:</b>	21May24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	5/21/2024 6:30:37 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke
<b>Data file:</b>	C:\Chem32\1\Data\21May24\2.D		

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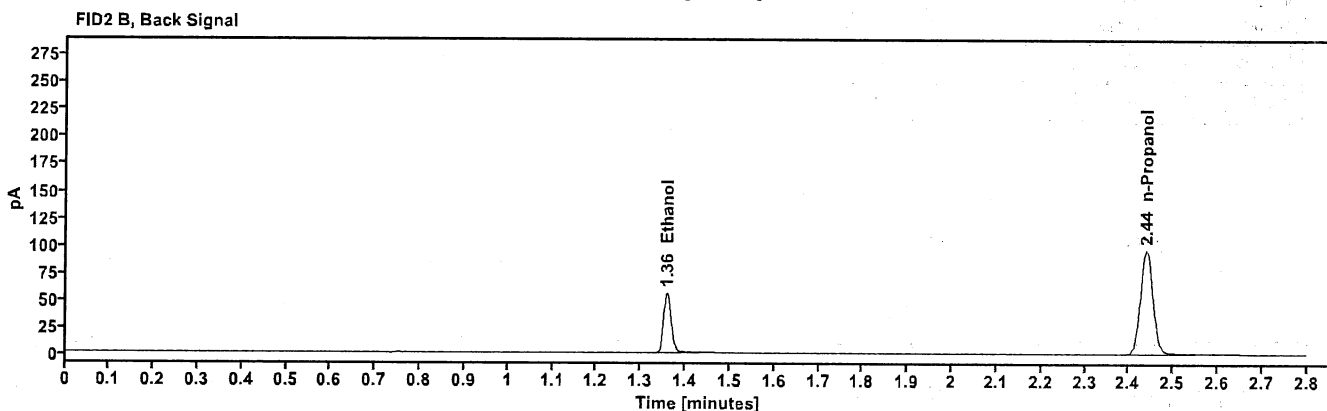
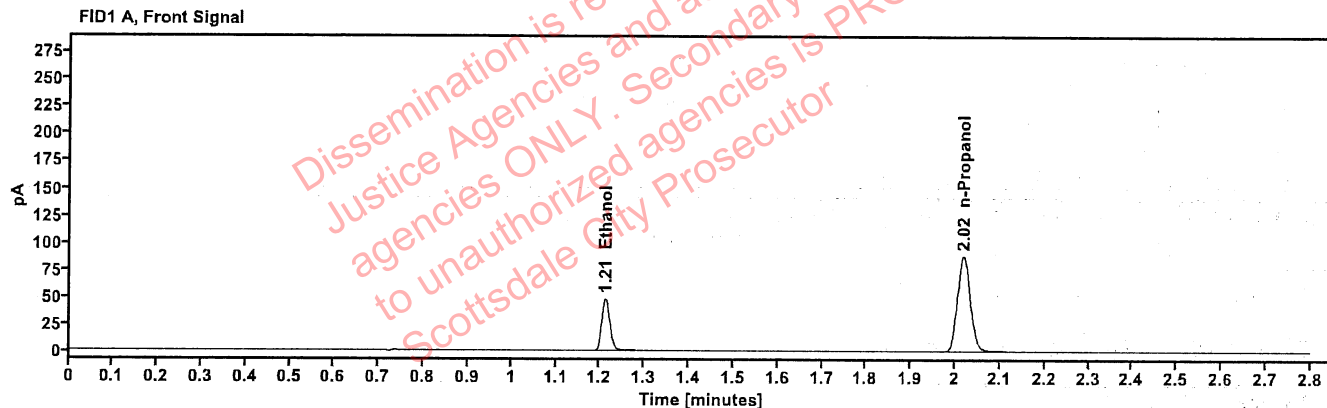


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	60.552
n-Propanol	2.018	174.532

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

Compound	Time (min)	Peak Area
Ethanol	1.358	66.520
n-Propanol	2.440	189.822

# Scottsdale Police Department Crime Lab Volatiles Analysis

RS

<b>Sample:</b>	FN03132302	<b>Vial:</b>	3
<b>Description:</b>	0.200 calibrator	<b>Sequence:</b>	21May24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	5/21/2024 6:34:38 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke
<b>Data file:</b>	C:\Chem32\1\Data\21May24\3.D		

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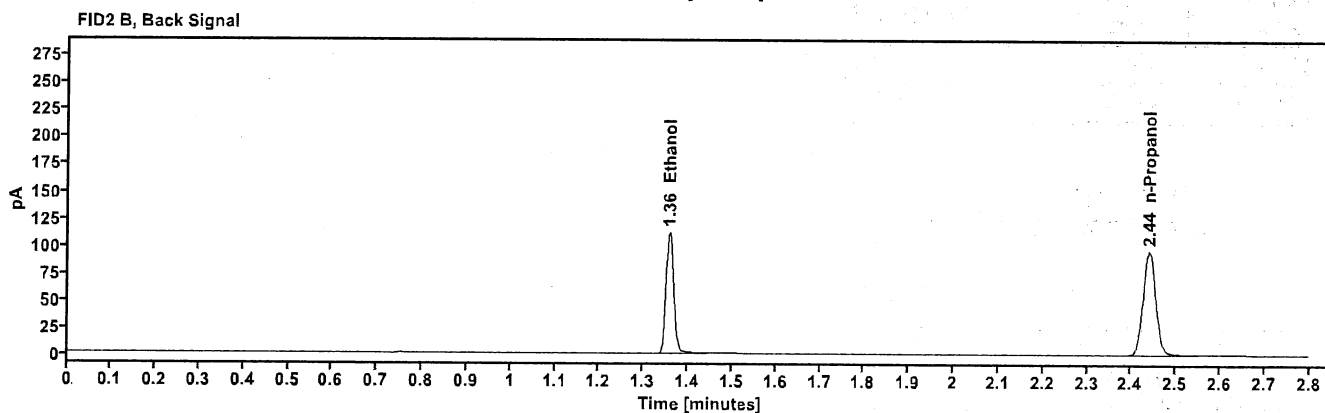
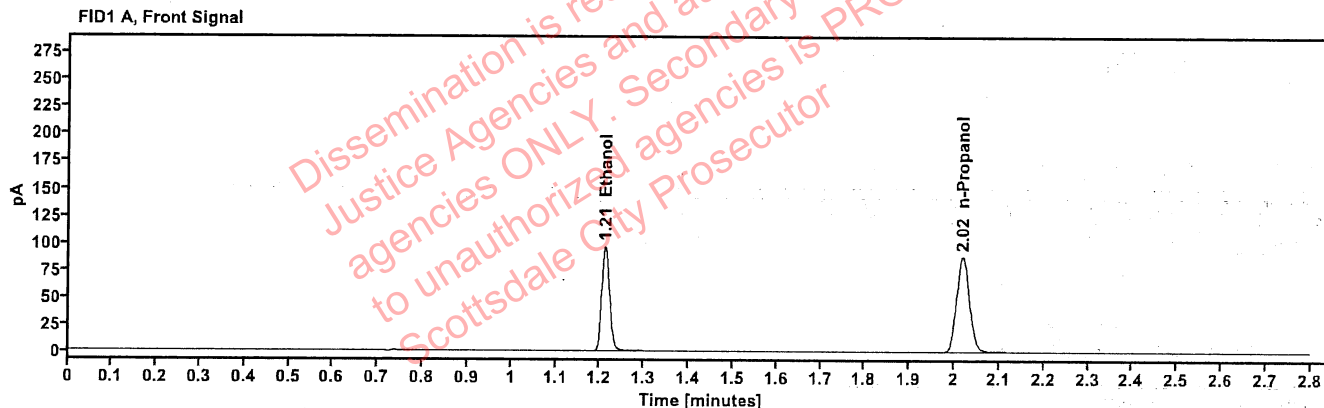


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	121.709
n-Propanol	2.018	174.512

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

Compound	Time (min)	Peak Area
Ethanol	1.358	133.764
n-Propanol	2.440	189.482

# Scottsdale Police Department Crime Lab Volatiles Analysis

YB

<b>Sample:</b>	FN03052102	<b>Vial:</b>	4
<b>Description:</b>	0.400 calibrator	<b>Sequence:</b>	21May24
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	5/21/2024 6:38:37 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke
<b>Data file:</b>	C:\Chem32\1\Data\21May24\4.D		

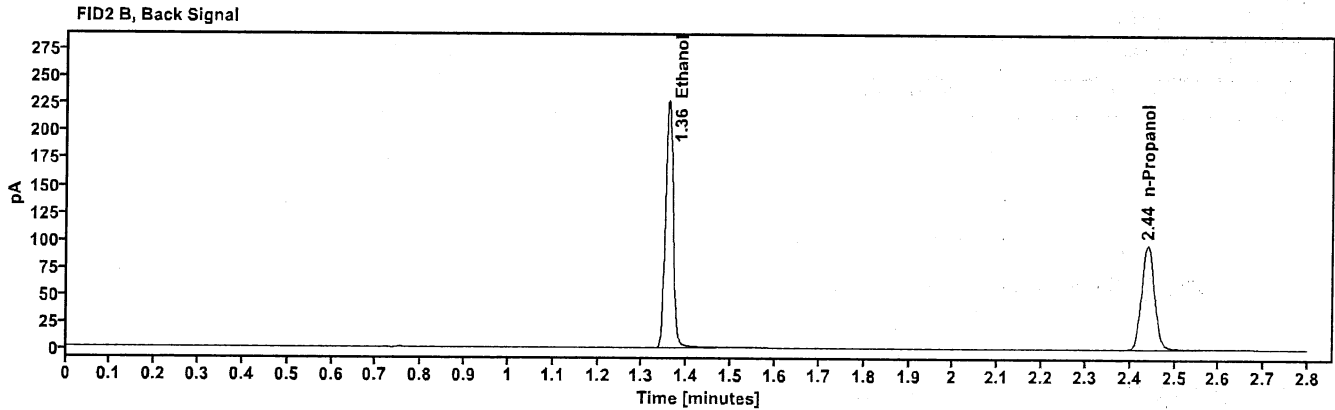
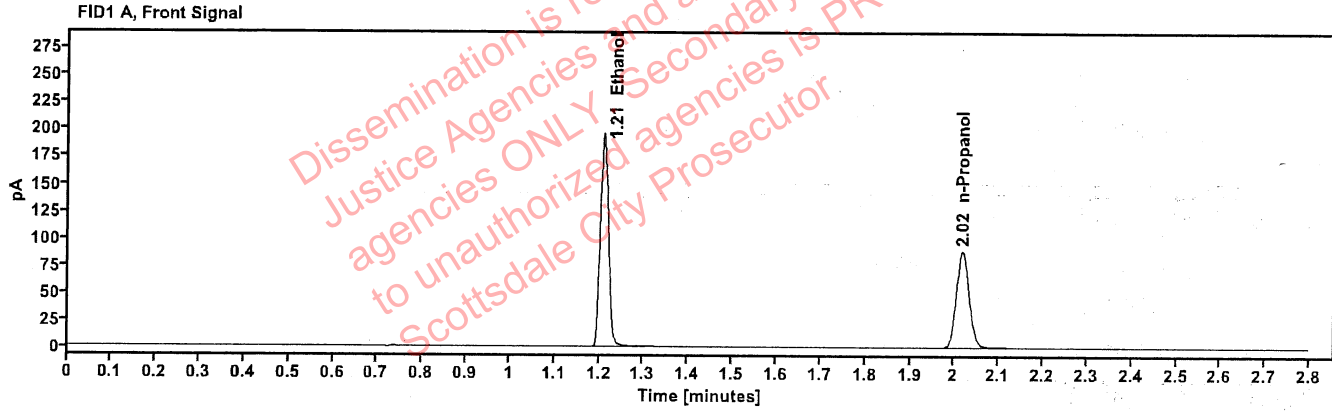


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	248.188
n-Propanol	2.018	176.115

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

Compound	Time (min)	Peak Area
Ethanol	1.358	273.370
n-Propanol	2.439	191.135

RB

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	011823WB	<b>Vial:</b>	5
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	21May24
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/21/2024 6:42:37 PM
<b>Data file:</b>	C:\Chem32\1\Data\21May24\5.D	<b>Analyst:</b>	Brooke

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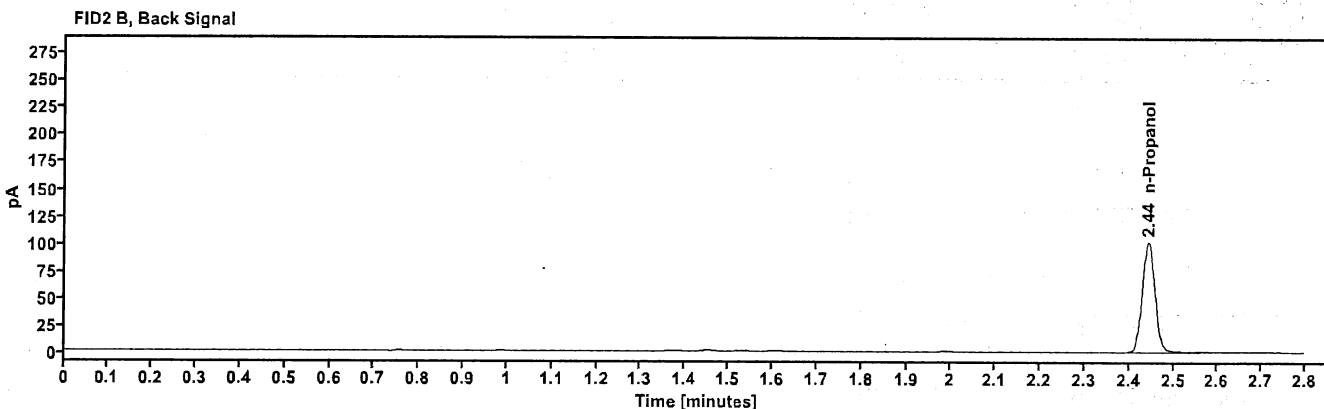
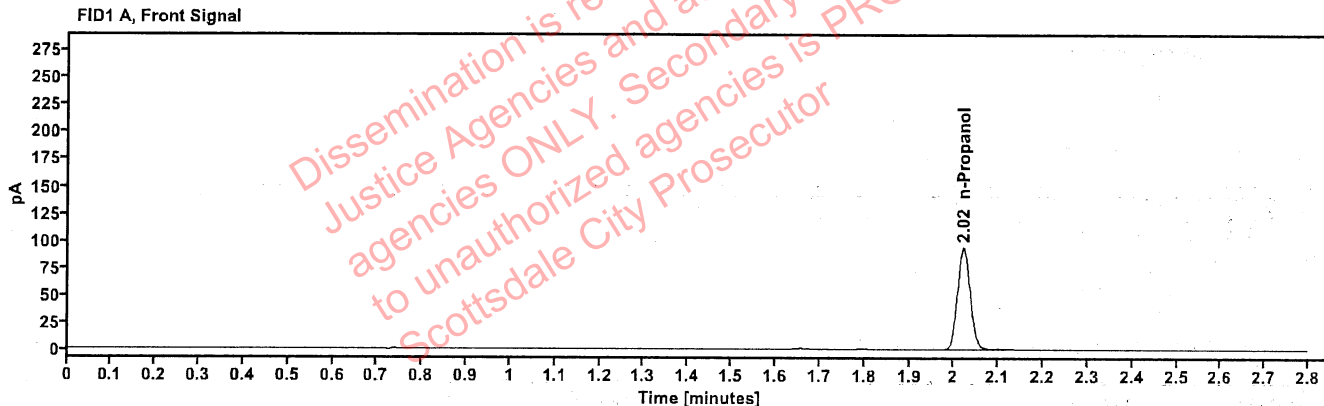


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.021	186.039

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

Compound	Time (min)	Peak Area
n-Propanol	2.443	202.111

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 6:46:38 PM
Data file:	C:\Chem32\1\Data\21May24\6.D	Analyst:	Brooke

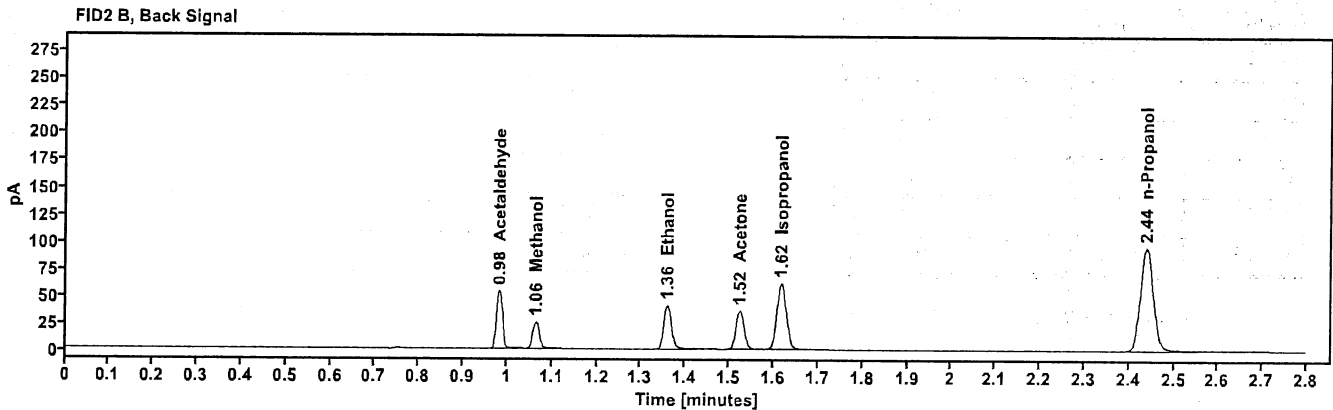
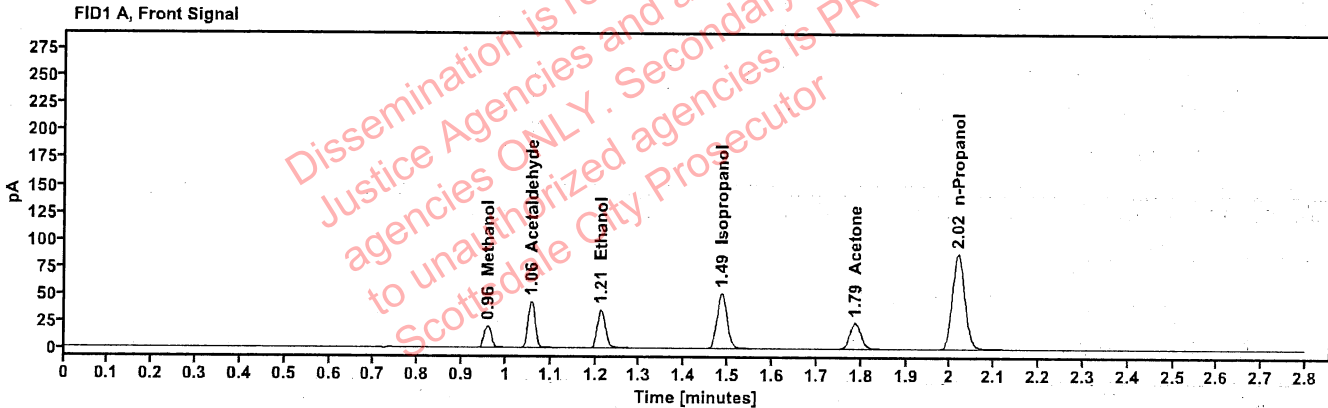


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.958	23.057
Acetaldehyde	-----	1.056	46.996
>Ethanol	0.0742	1.212	44.847
Isopropanol	-----	1.485	81.614
Acetone	-----	1.787	41.880
n-Propanol	-----	2.018	174.646

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	52.530
Methanol	1.064	25.736
Ethanol	1.359	49.033
Acetone	1.524	46.079
Isopropanol	1.618	90.018
n-Propanol	2.439	189.396



# Scottsdale Police Department Crime Lab Volatiles Analysis

RS

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 6:50:53 PM
Data file:	C:\Chem32\1\Data\21May24\7.D	Analyst:	Brooke

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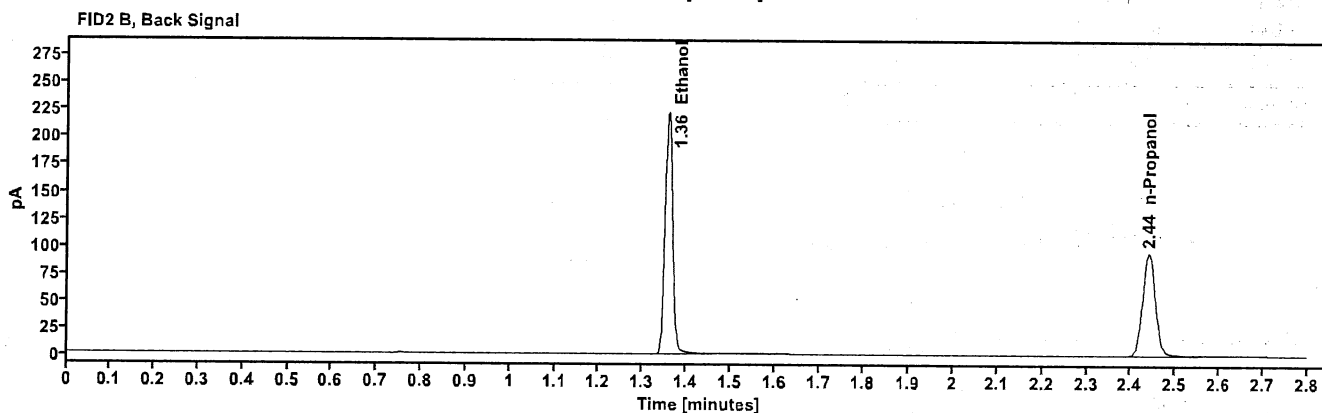
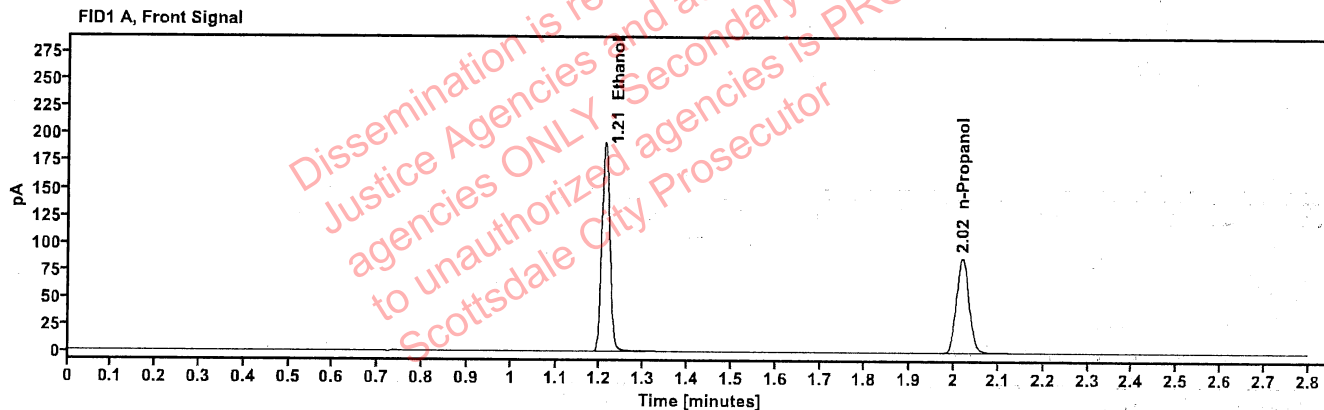


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3984	1.210	243.408
n-Propanol	-----	2.018	173.666

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

Compound	Time (min)	Peak Area
Ethanol	1.358	267.840
n-Propanol	2.439	188.495

# Scottsdale Police Department Crime Lab Volatiles Analysis

*PS*

<b>Sample:</b>	14082019-B	<b>Vial:</b>	8
<b>Description:</b>	0.040	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	21May24
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/21/2024 6:54:52 PM
<b>Data file:</b>	C:\Chem32\1\Data\21May24\8.D	<b>Analyst:</b>	Brooke

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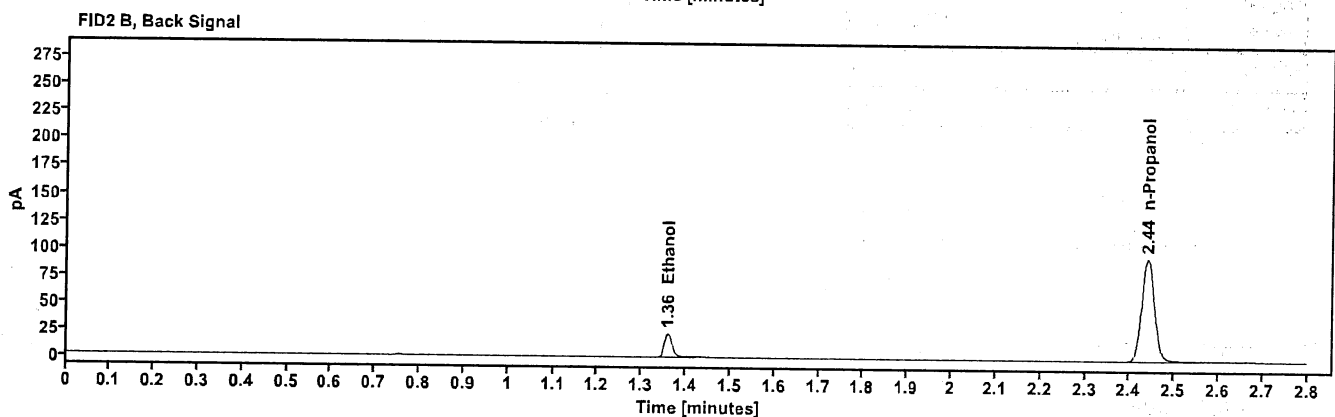
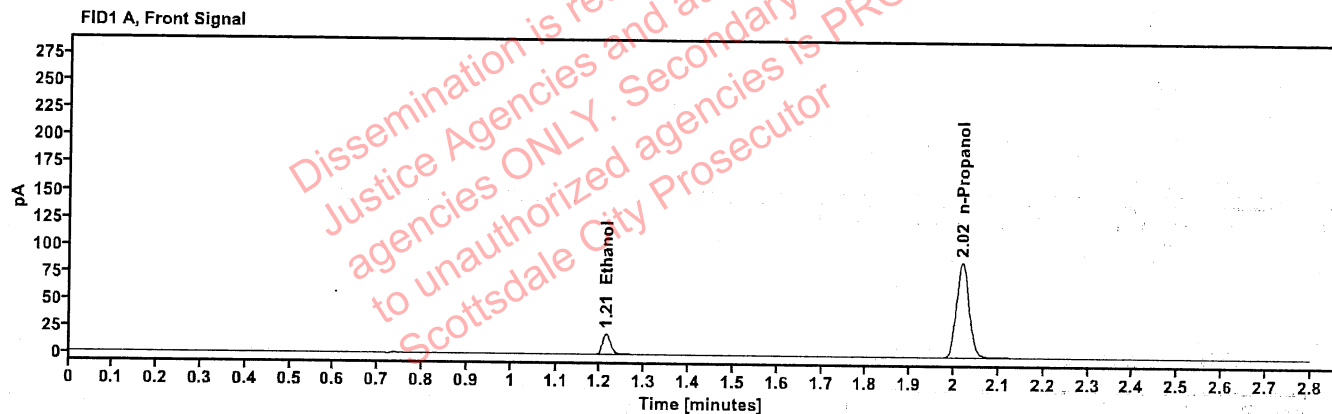


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.213	24.233
n-Propanol	-----	2.018	174.125

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

Compound	Time (min)	Peak Area
Ethanol	1.359	26.479
n-Propanol	2.440	188.994

# Scottsdale Police Department Crime Lab Volatiles Analysis

TRB

Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 6:58:53 PM
Data file:	C:\Chem32\1\Data\21May24\9.D	Analyst:	Brooke

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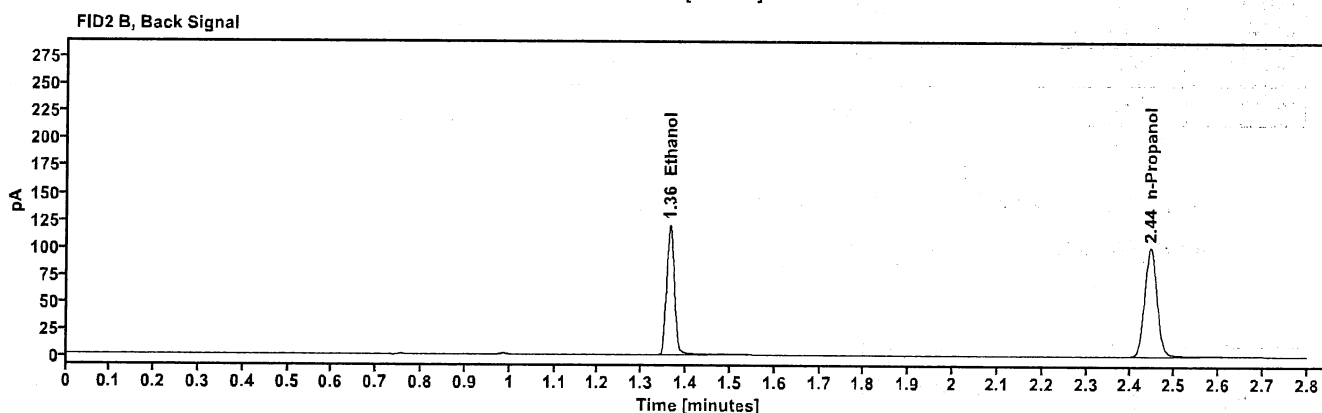
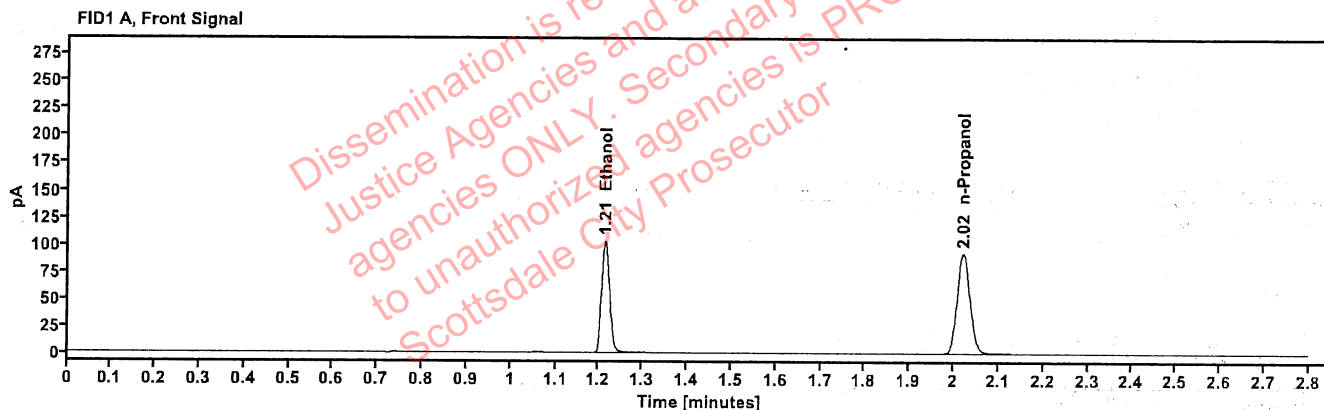


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2039	1.214	131.798
n-Propanol	---	2.021	184.384

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

Compound	Time (min)	Peak Area
Ethanol	1.363	144.847
n-Propanol	2.444	199.795

# Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	25052023-A	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:43:22 PM
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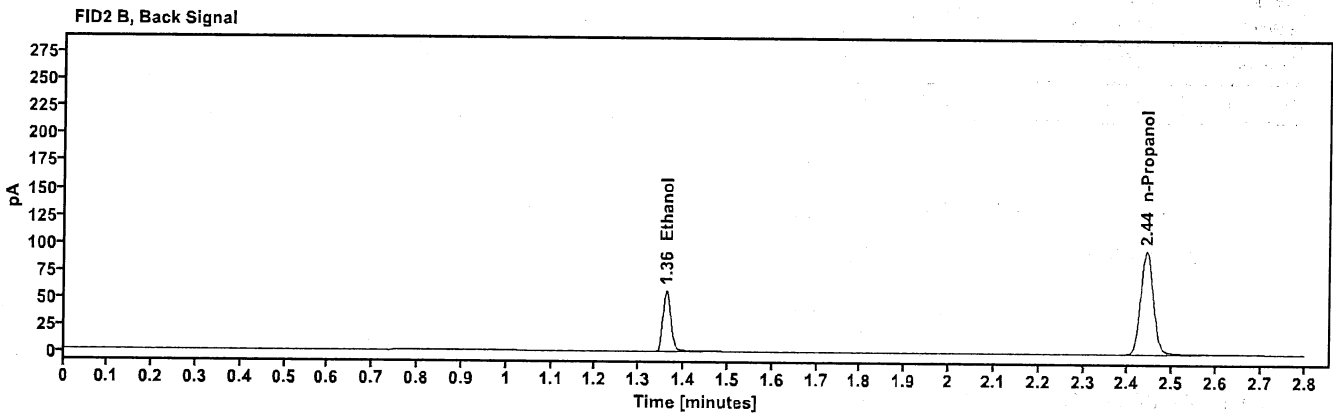
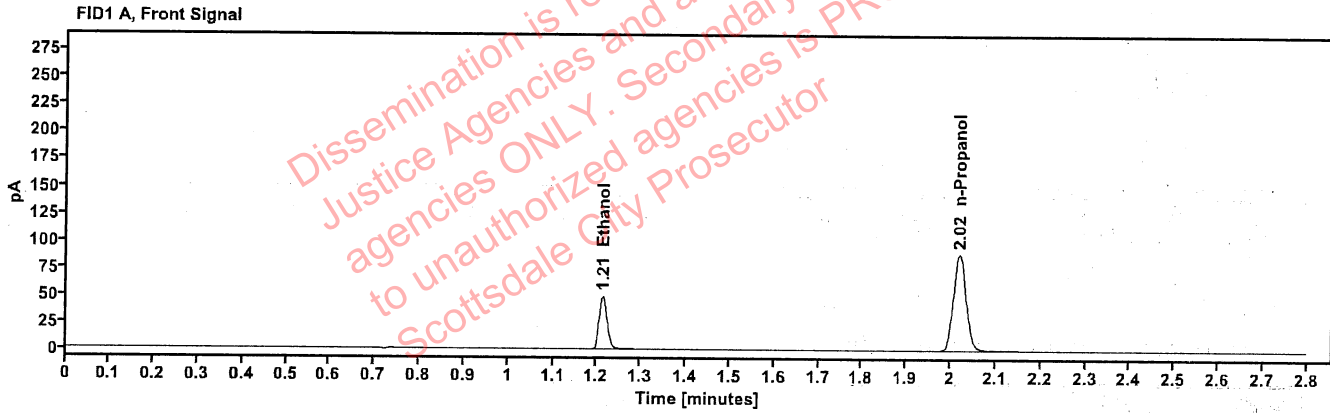


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1014	1.213	62.210
n-Propanol	-----	2.020	176.279

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

Compound	Time (min)	Peak Area
Ethanol	1.361	68.067
n-Propanol	2.442	191.035

# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

Sample:	4110320133/11	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:27:52 PM
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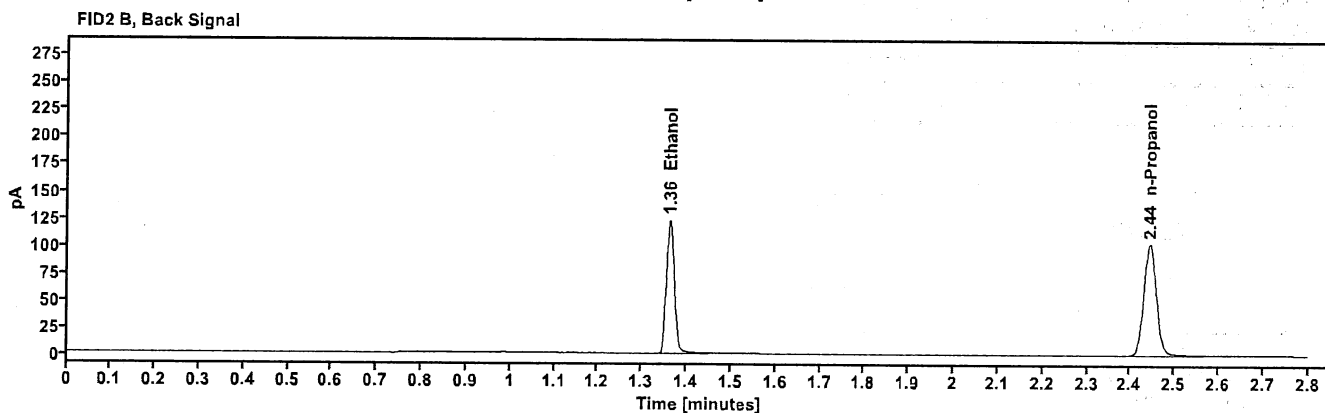
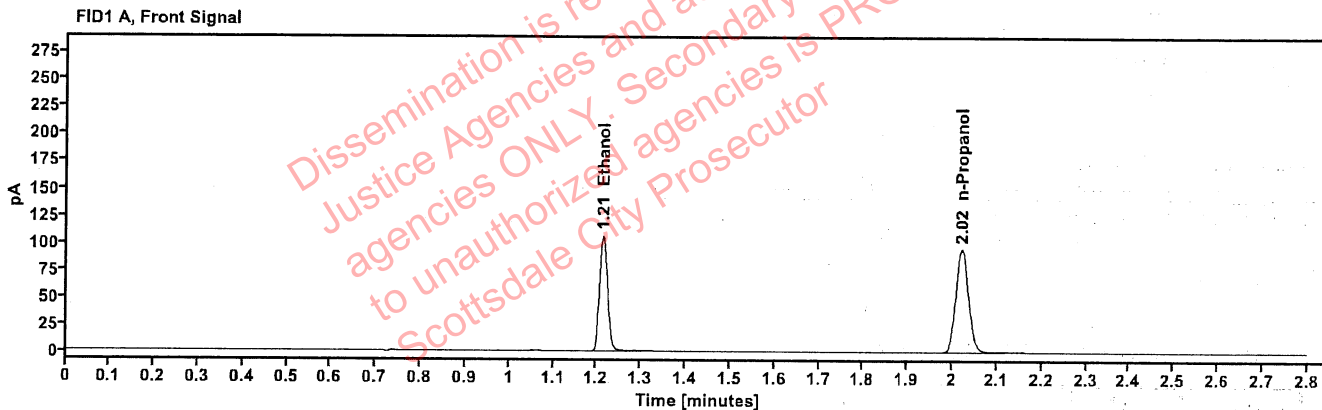


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2054	1.214	136.243
n-Propanol	-----	2.021	189.224

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

Compound	Time (min)	Peak Area
Ethanol	1.363	149.211
n-Propanol	2.444	204.969

# Scottsdale Police Department Crime Lab Volatiles Analysis

YB

<b>Sample:</b>	25052023-A	<b>Vial:</b>	42
<b>Description:</b>	0.100	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	21May24
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/21/2024 9:12:07 PM
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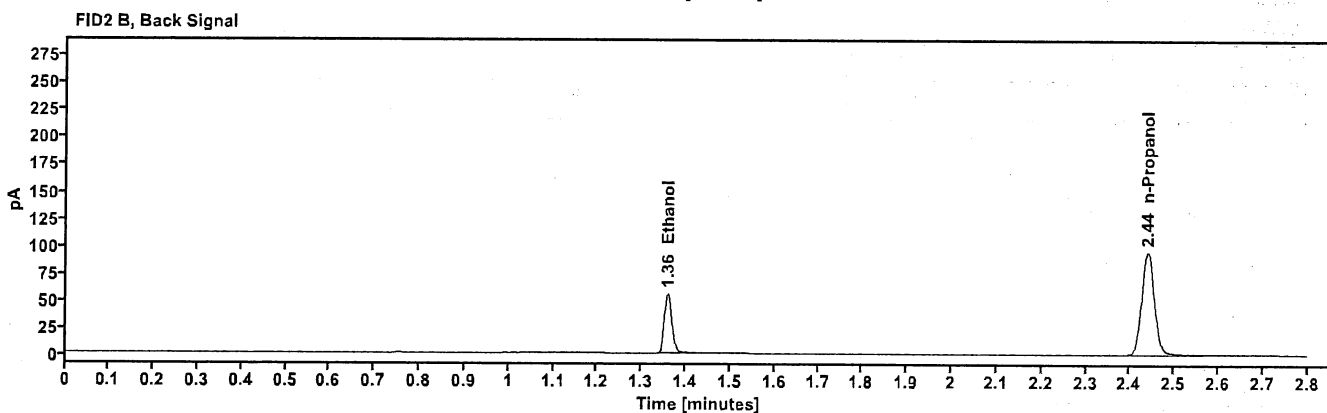
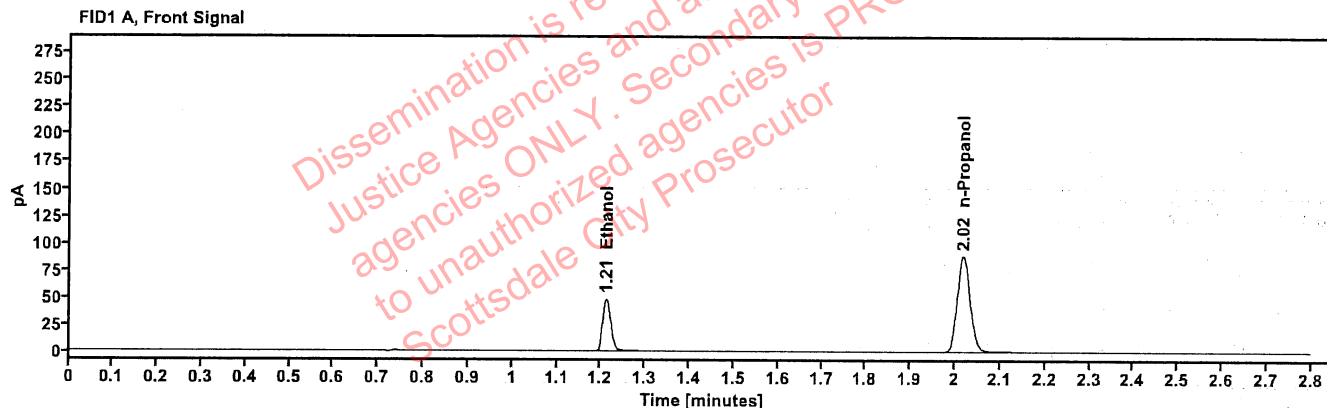


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1001	1.212	61.221
n-Propanol	-----	2.018	175.725

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

Compound	Time (min)	Peak Area
Ethanol	1.359	66.955
n-Propanol	2.440	190.549

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	30012020-A	<b>Vial:</b>	53
<b>Description:</b>	0.400	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	21May24
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/21/2024 9:56:38 PM
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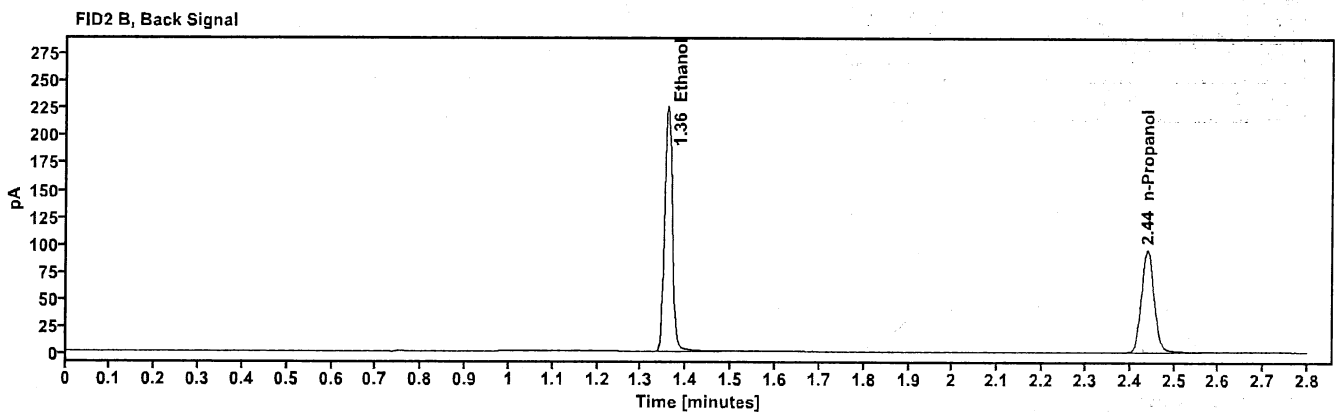
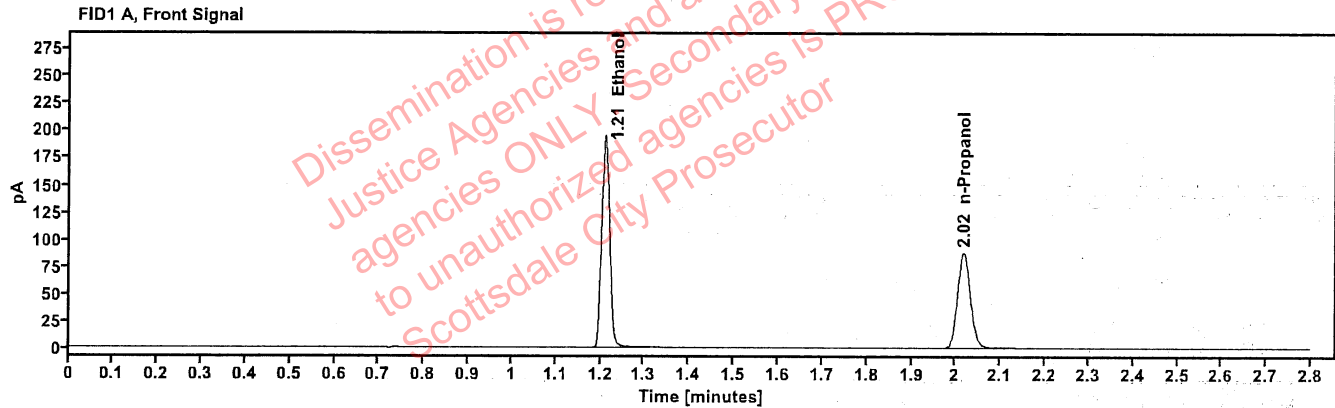


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4028	1.210	246.995
n-Propanol	-----	2.018	174.264

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

Compound	Time (min)	Peak Area
Ethanol	1.358	271.815
n-Propanol	2.440	188.692

# Scottsdale Police Department Crime Lab Volatiles Analysis

JB

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 10:00:38 PM
Data file:	C:\Chem32\1\Data\21May24\54.D	Analyst:	Brooke

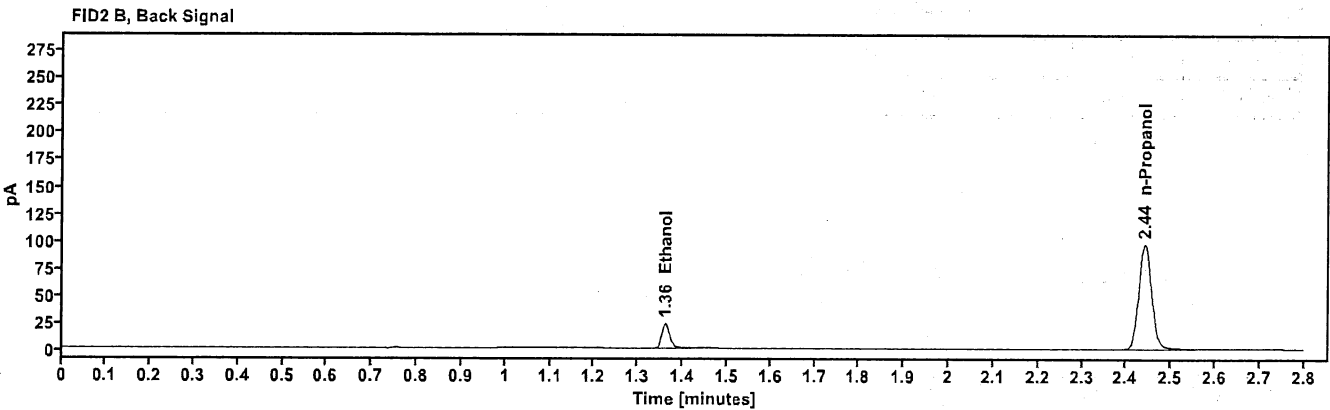
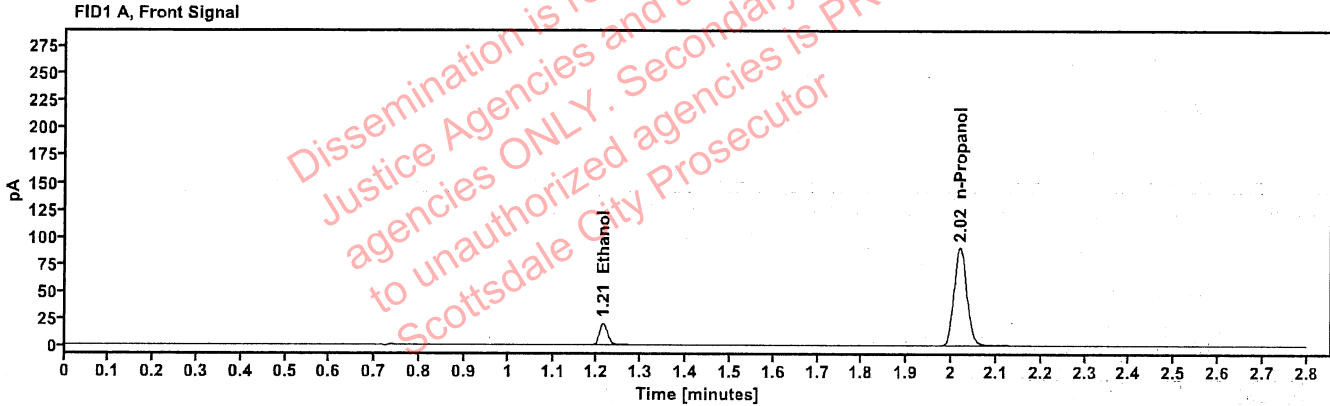


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0418	1.213	25.498
n-Propanol	-----	2.019	179.169

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

Compound	Time (min)	Peak Area
Ethanol	1.361	27.780
n-Propanol	2.441	193.949



# Scottsdale Police Department Crime Lab Volatiles Analysis

PB

<b>Sample:</b>	4110320133/11	<b>Vial:</b>	55
<b>Description:</b>	0.199	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	21May24
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/21/2024 10:04:53 PM
<b>Data file:</b>	C:\Chem32\1\Data\21May24\55.D	<b>Analyst:</b>	Brooke

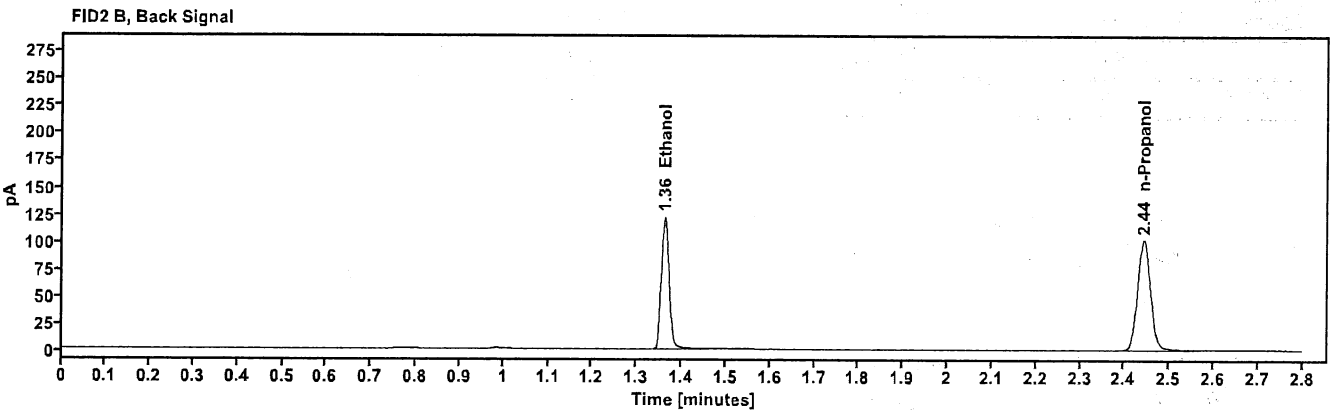
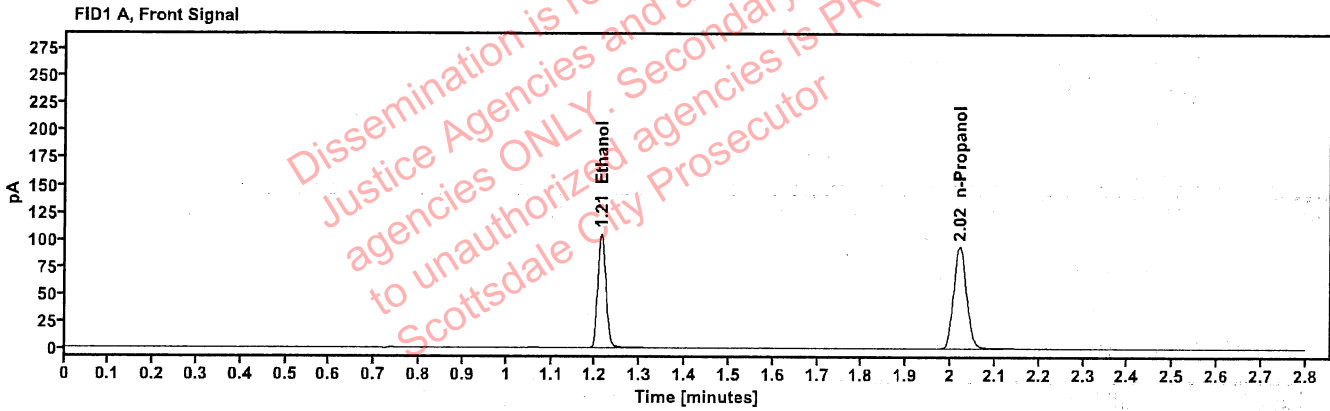


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2048	1.213	134.132
n-Propanol	-----	2.020	186.841

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

Compound	Time (min)	Peak Area
Ethanol	1.362	147.276
n-Propanol	2.442	202.465

# Scottsdale Police Department Crime Lab Volatiles Analysis

100

<b>Sample:</b>	032824AQ	<b>Vial:</b>	56
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	21May24
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/21/2024 10:08:53 PM
<b>Data file:</b>	C:\Chem32\1\Data\21May24\56.D	<b>Analyst:</b>	Brooke

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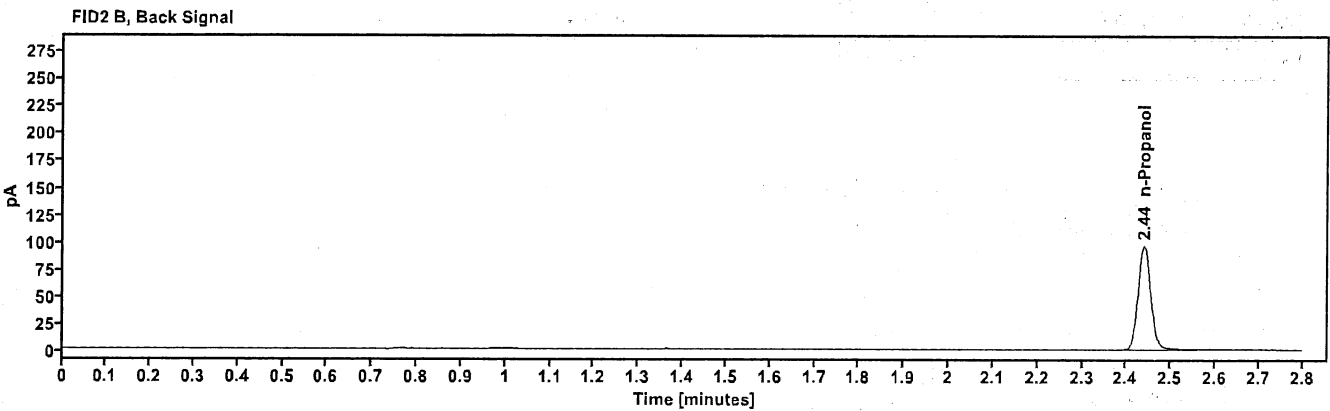
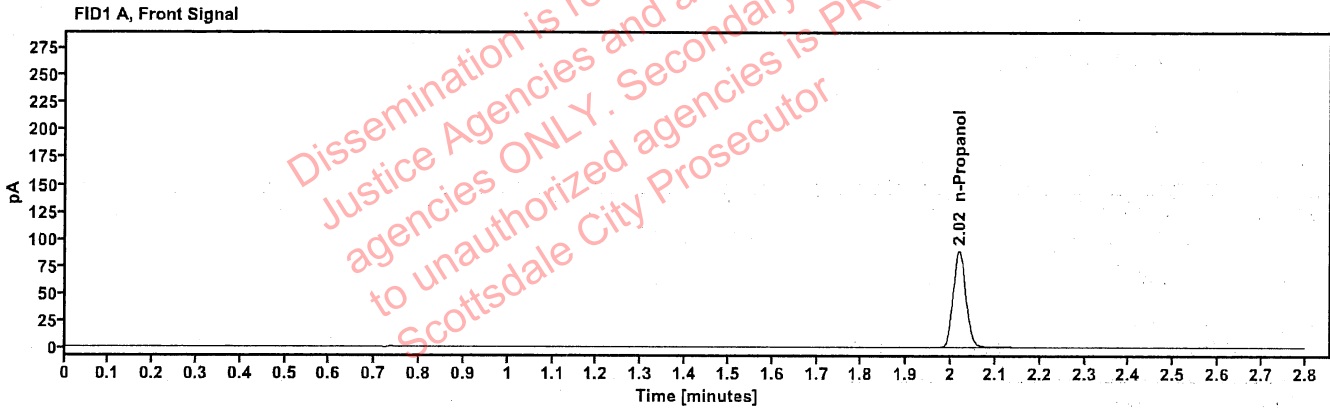


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.018	177.054

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

Compound	Time (min)	Peak Area
n-Propanol	2.440	191.732

# Sequence Summary



Sequence name: 21May24      Instrument: US14173023 CN14160045      Analyst: Brooke

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	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2409152-1		Sample		ethanol quant.M
11	2409152-1		Sample		ethanol quant.M
12	2409876-1		Sample		ethanol quant.M
13	2409876-1		Sample		ethanol quant.M
14	2409997-2		Sample		ethanol quant.M
15	2409997-2		Sample		ethanol quant.M
16	2410022-4		Sample		ethanol quant.M
17	2410022-4		Sample		ethanol quant.M
18	2410025-1		Sample		ethanol quant.M
19	2410025-1		Sample		ethanol quant.M
20	25052023-A	0.100	Control		ethanol quant.M
21	2410028-1		Sample		ethanol quant.M
22	2410028-1		Sample		ethanol quant.M
23	2410106-2		Sample		ethanol quant.M
24	2410106-2		Sample		ethanol quant.M
25	2410111-1		Sample		ethanol quant.M
26	2410111-1		Sample		ethanol quant.M
27	2410104-3		Sample		ethanol quant.M
28	2410104-3		Sample		ethanol quant.M
29	2409695-1		Sample		ethanol quant.M
30	2409695-1		Sample		ethanol quant.M
31	4110320133/11	0.199	Control		ethanol quant.M
32	434-01U.C.		Sample		ethanol quant.M
33	434-01U.C.		Sample		ethanol quant.M
34	334-01R.M.		Sample		ethanol quant.M
35	334-01R.M.		Sample		ethanol quant.M
36	404-01R.J.		Sample		ethanol quant.M
37	404-01R.J.		Sample		ethanol quant.M
38	334-01J.T.		Sample		ethanol quant.M
39	334-01J.T.		Sample		ethanol quant.M
40	404-01J.G.		Sample		ethanol quant.M
41	404-01J.G.		Sample		ethanol quant.M
42	25052023-A	0.100	Control		ethanol quant.M
43	334-01E.B.		Sample		ethanol quant.M
44	334-01E.B.		Sample		ethanol quant.M
45	409-01M.C.		Sample		ethanol quant.M
46	409-01M.C.		Sample		ethanol quant.M
47	409-01B.U.		Sample		ethanol quant.M

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# Sequence Summary

AS

48	409-01B.U.		Sample		ethanol quant.M
49	437-01C.D.		Sample		ethanol quant.M
50	437-01C.D.		Sample		ethanol quant.M
51	2319798-1		Sample		ethanol quant.M
52	2319798-1		Sample		ethanol quant.M
53	30012020-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4110320133/11	0.199	Control		ethanol quant.M
56	032824AQ	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

RB

SEQUENCE NAME: 21May24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1676	0.1664	0.16700	0.36	0.00060
12 13	0.0232	0.0234	0.02330	0.43	0.00010
14 15	0.1157	0.1147	0.11520	0.43	0.00050
16 17	0.1814	0.1819	0.18165	0.14	0.00025
18 19	0.0870	0.0865	0.08675	0.29	0.00025
21 22	0.1995	0.2016	0.20055	0.52	0.00105
23 24	0.1561	0.1570	0.15655	0.29	0.00045
25 26	0.1694	0.1702	0.16980	0.24	0.00040
27 28	0.1631	0.1642	0.16365	0.34	0.00055
29 30	0.2931	0.2911	0.29210	0.34	0.00100
32 33	0.2127	0.2145	0.21360	0.42	0.00090
34 35	0.1615	0.1618	0.16165	0.09	0.00015
36 37	0.0918	0.0930	0.09240	0.65	0.00060
38 39	0.0557	0.0554	0.05555	0.27	0.00015
40 41	0.0000	0.0000	0.00000	0.00	0.00000
43 44	0.0811	0.0819	0.08150	0.49	0.00040
45 46	0.1838	0.1836	0.18370	0.05	0.00010
47 48	0.0000	0.0000	0.00000	0.00	0.00000
49 50	0.2176	0.2177	0.21765	0.02	0.00005
51 52	0.2304	0.2274	0.22890	0.66	0.00150

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2409152-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:02:53 PM
Data file:	C:\Chem32\1\Data\21May24\10.D	Analyst:	Brooke

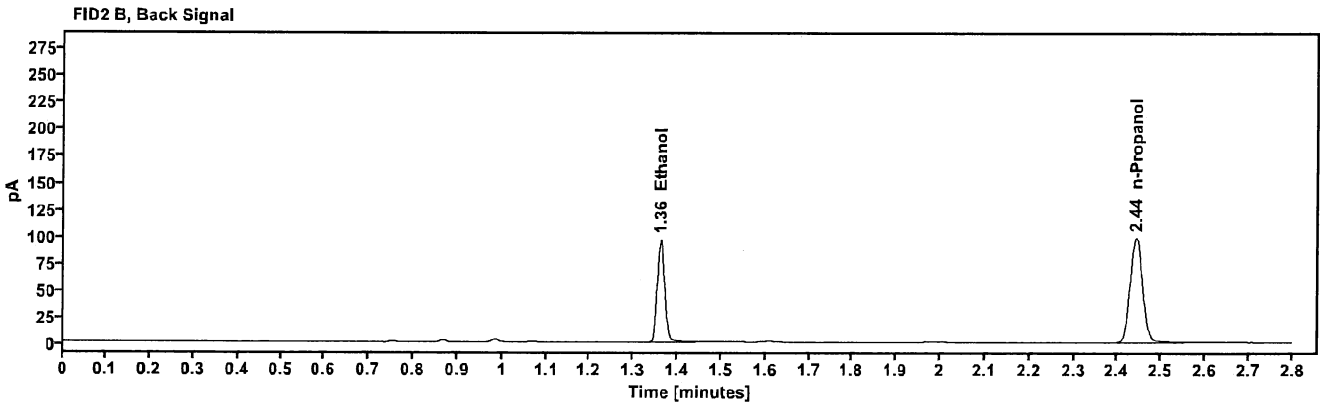
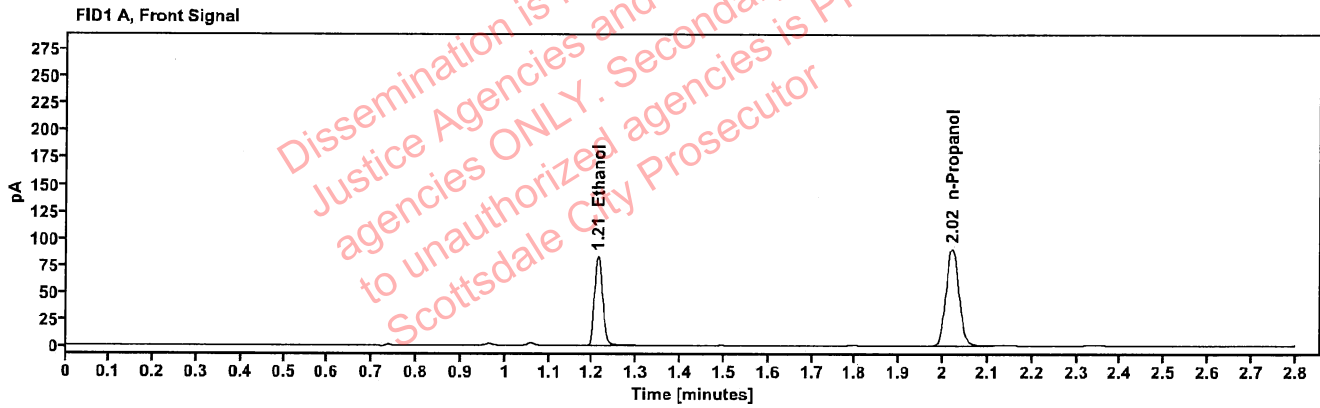


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1676	1.212	105.654
n-Propanol	-----	2.020	180.122

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

Compound	Time (min)	Peak Area
Ethanol	1.361	115.994
n-Propanol	2.442	195.497

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2409152-1	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:06:52 PM
Data file:	C:\Chem32\1\Data\21May24\11.D	Analyst:	Brooke

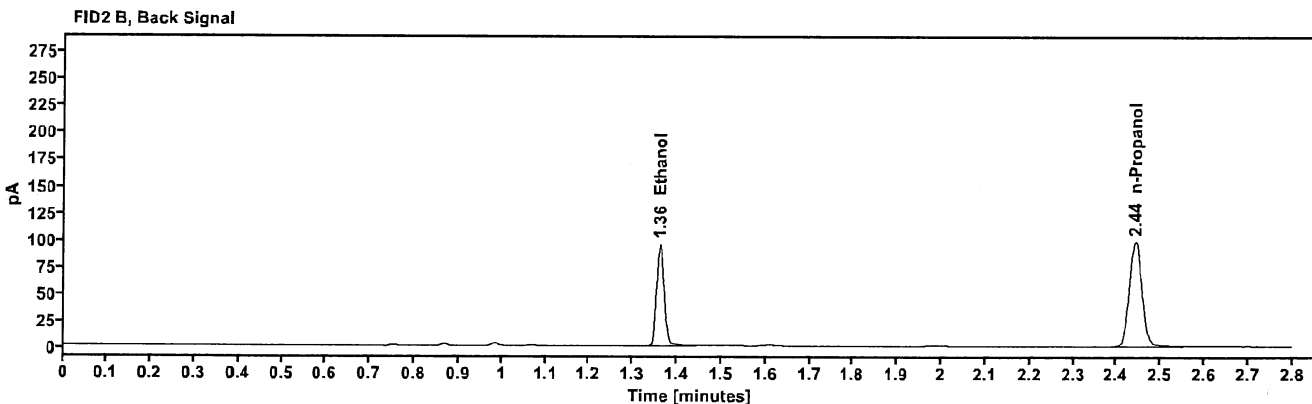
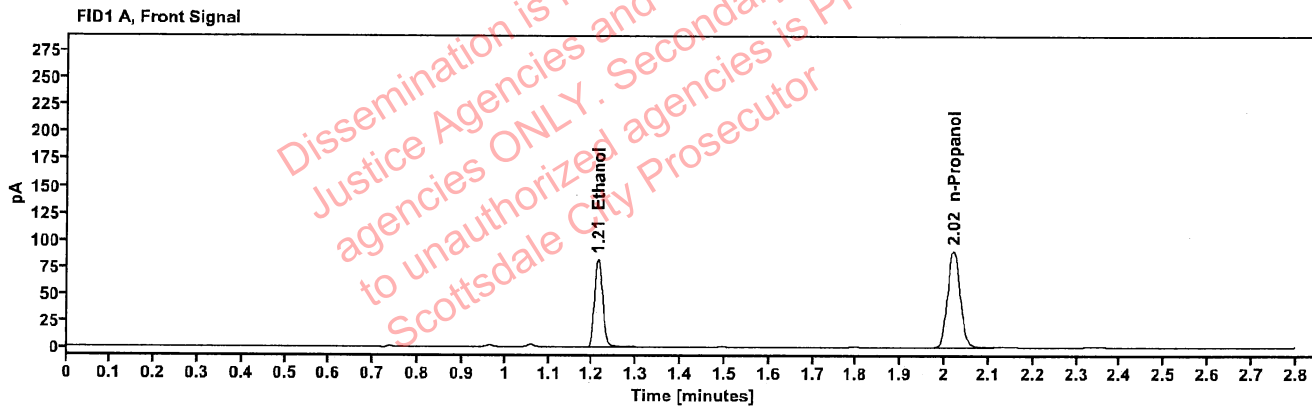


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1664	1.213	104.751
n-Propanol	-----	2.020	179.852

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

Compound	Time (min)	Peak Area
Ethanol	1.361	114.982
n-Propanol	2.442	195.140



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2409876-1	Vial:	12
Description:	[REDACTED]e	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:10:53 PM
Data file:	C:\Chem32\1\Data\21May24\12.D	Analyst:	Brooke

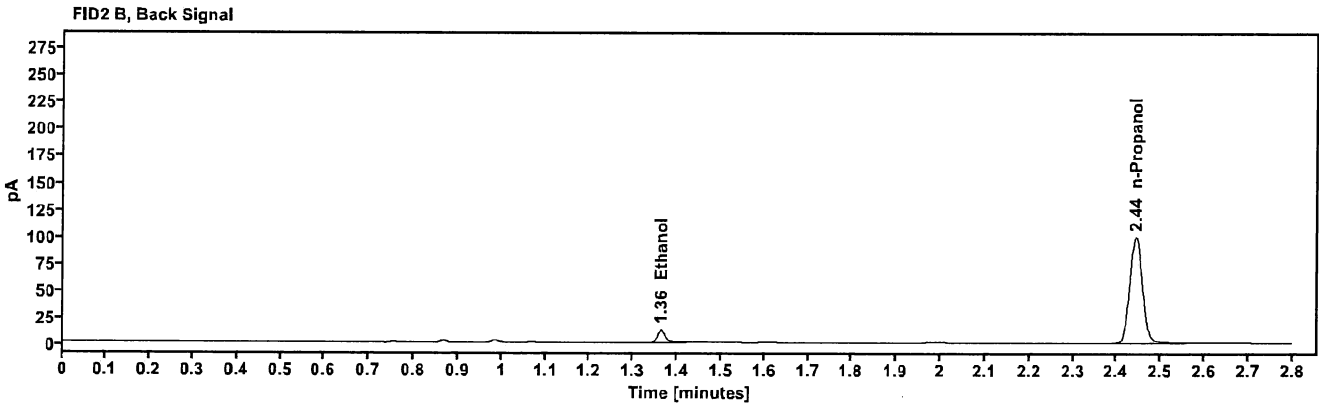
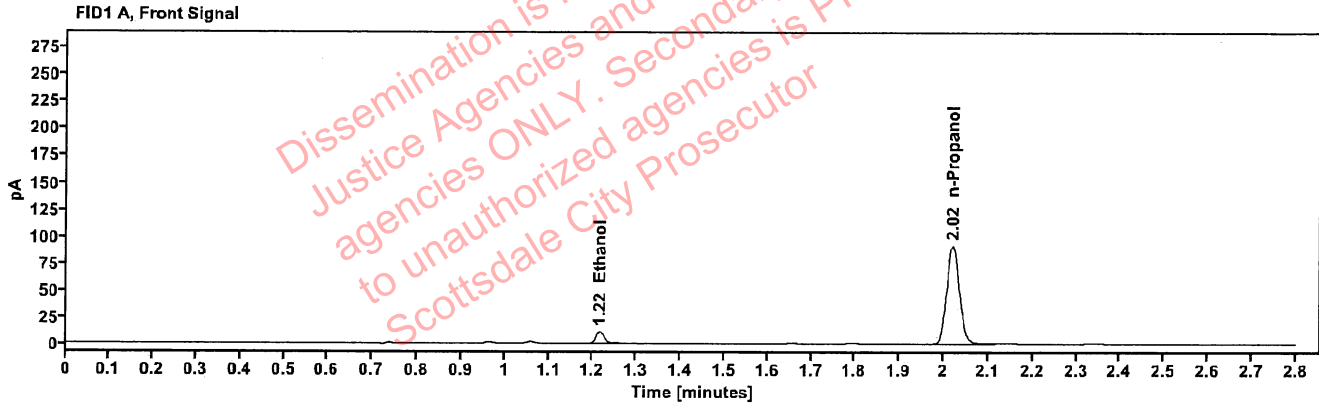


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0232	1.215	13.936
n-Propanol	-----	2.020	181.863

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

Compound	Time (min)	Peak Area
Ethanol	1.363	15.601
n-Propanol	2.442	197.737

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2409876-1	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:15:07 PM
Data file:	C:\Chem32\1\Data\21May24\13.D	Analyst:	Brooke

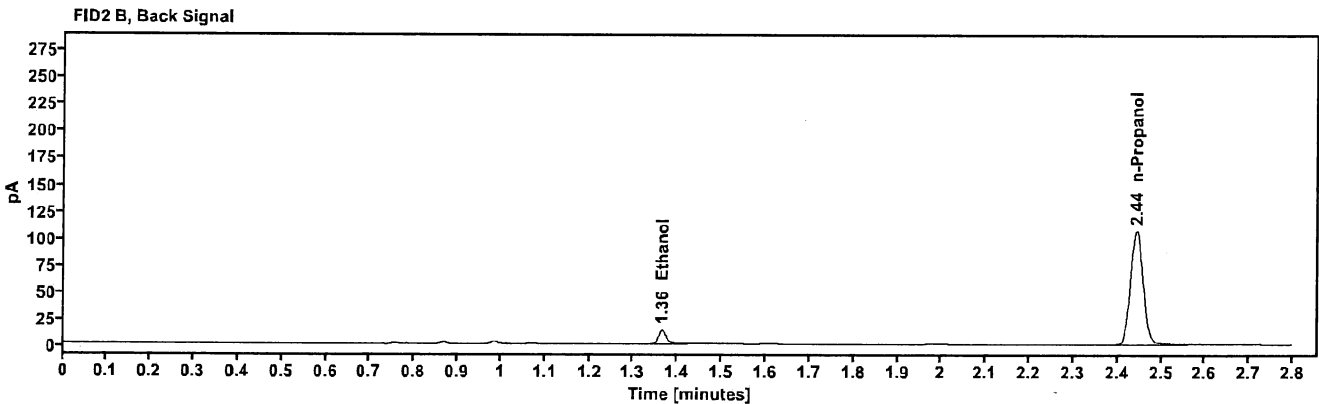
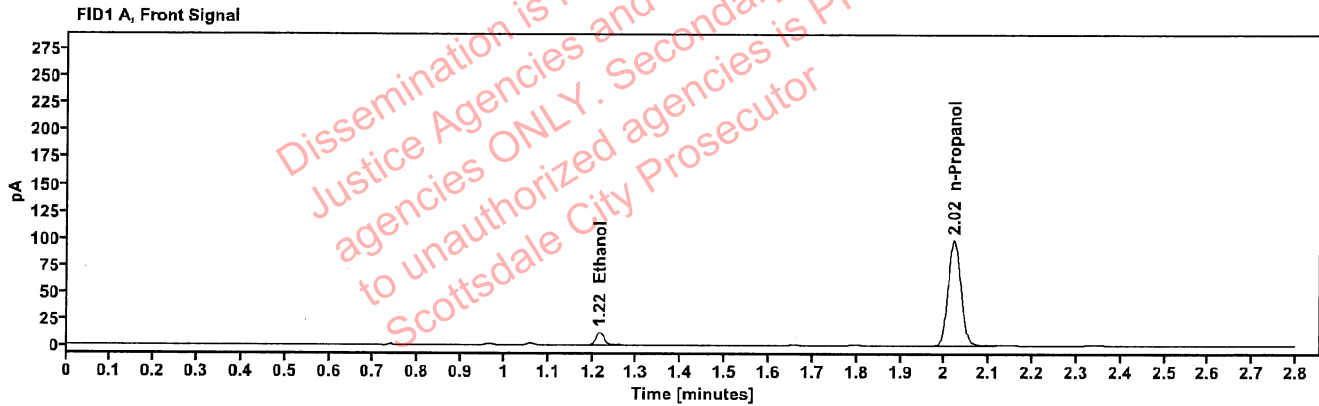


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0234	1.216	15.199
n-Propanol	-----	2.021	195.888

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

Compound	Time (min)	Peak Area
Ethanol	1.364	17.006
n-Propanol	2.444	212.986

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2409997-2	<b>Vial:</b> 14
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 7:19:08 PM
<b>Data file:</b> C:\Chem32\11Data\21May24\14.D	<b>Analyst:</b> Brooke

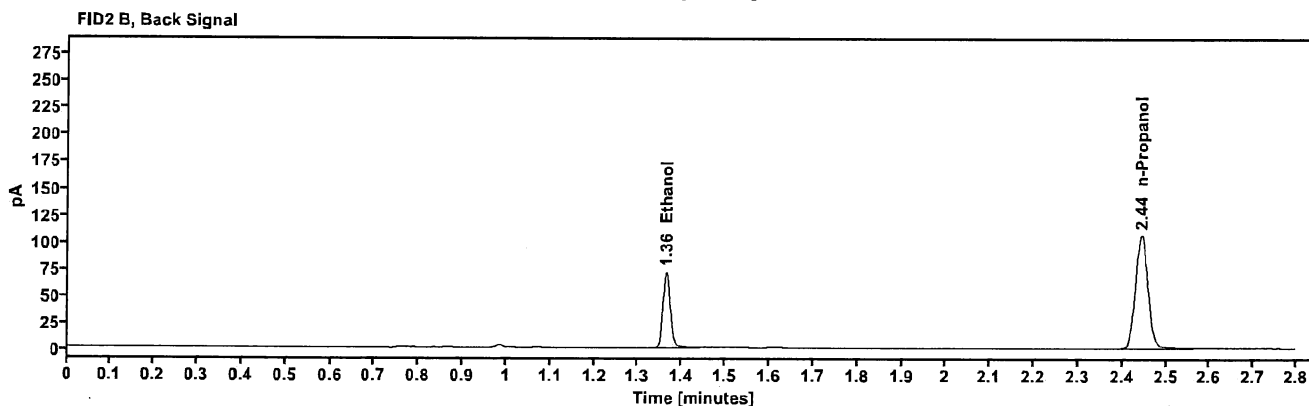
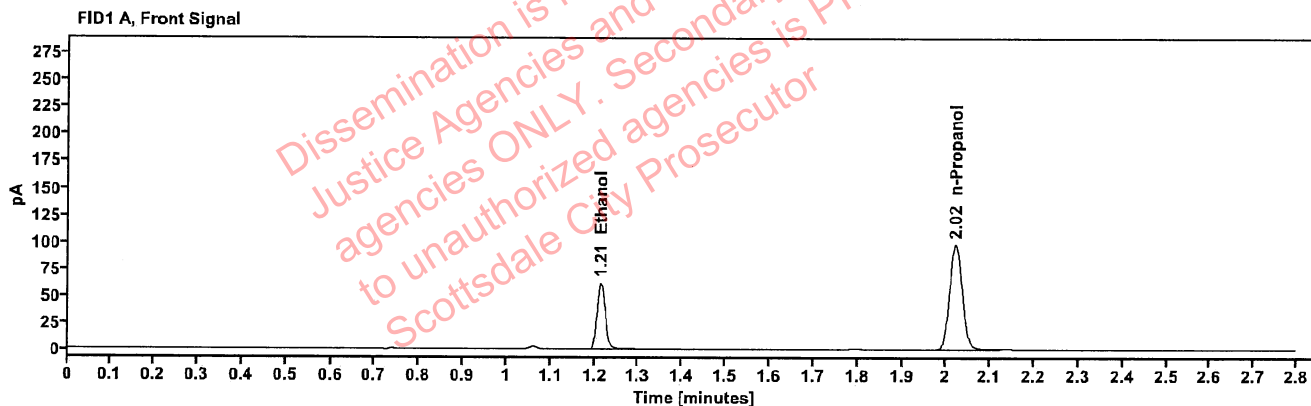


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1157	1.214	78.983
n-Propanol	-----	2.021	195.758

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

Compound	Time (min)	Peak Area
Ethanol	1.363	86.203
n-Propanol	2.444	212.116

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2409997-2	<b>Vial:</b> 15
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 7:23:08 PM
<b>Data file:</b> C:\Chem32\11Data\21May24\15.D	<b>Analyst:</b> Brooke

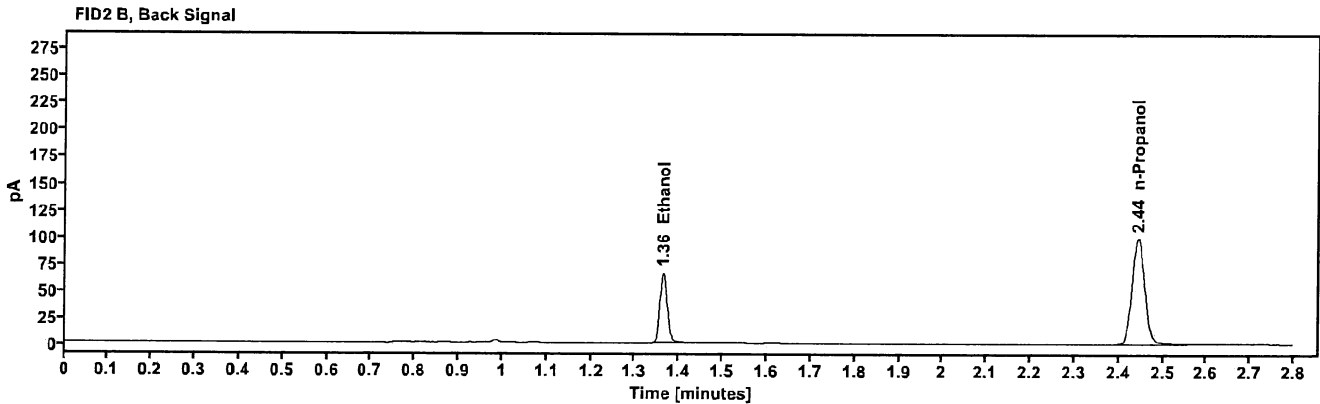
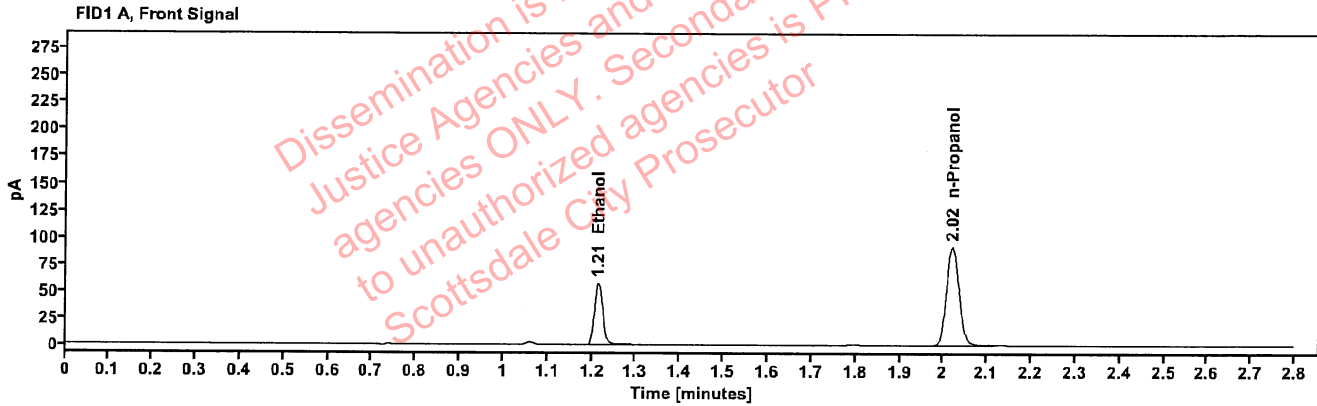


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1147	1.214	73.255
n-Propanol	-----	2.021	183.149

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

Compound	Time (min)	Peak Area
Ethanol	1.363	79.946
n-Propanol	2.444	198.091

[REDACTED]: Brooke, Phillip - (22-May-2024)

Case: [REDACTED] User: pbrooke 5/22/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410022-4	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:27:08 PM
Data file:	C:\Chem32\1\Data\21May24\16.D	Analyst:	Brooke

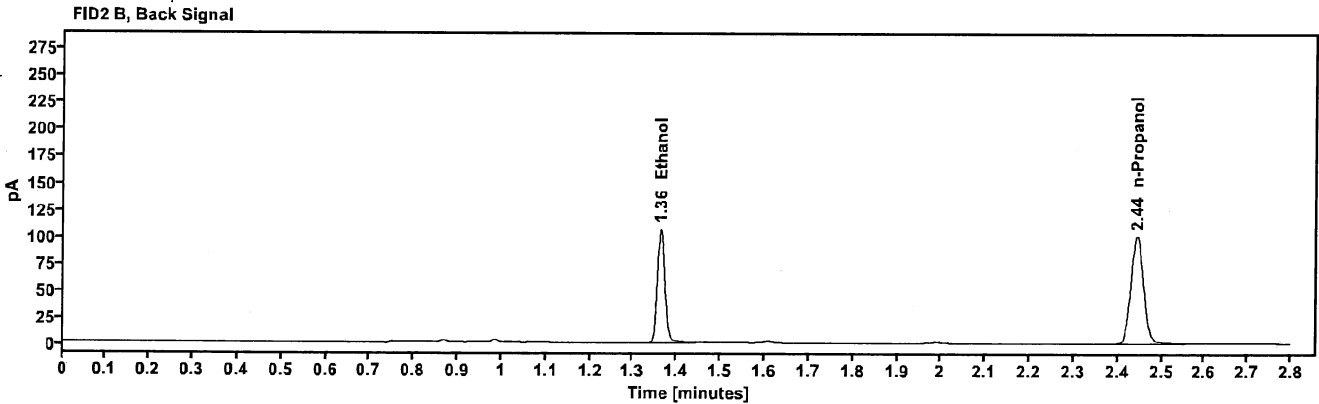
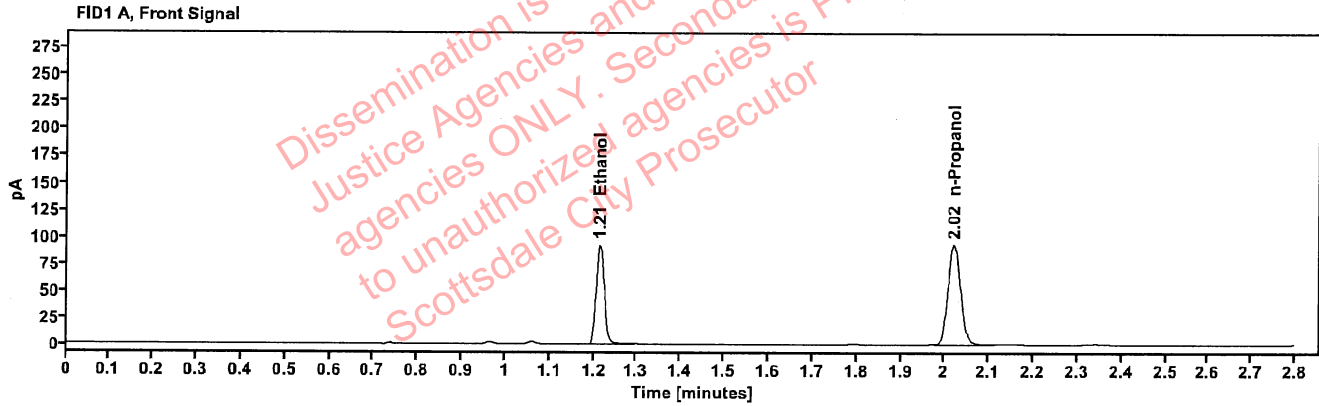


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1814	1.214	117.914
n-Propanol	-----	2.021	185.535

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

Compound	Time (min)	Peak Area
Ethanol	1.363	129.541
n-Propanol	2.444	201.281

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410022-4	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:31:07 PM
Data file:	C:\Chem32\1\Data\21May24\17.D	Analyst:	Brooke

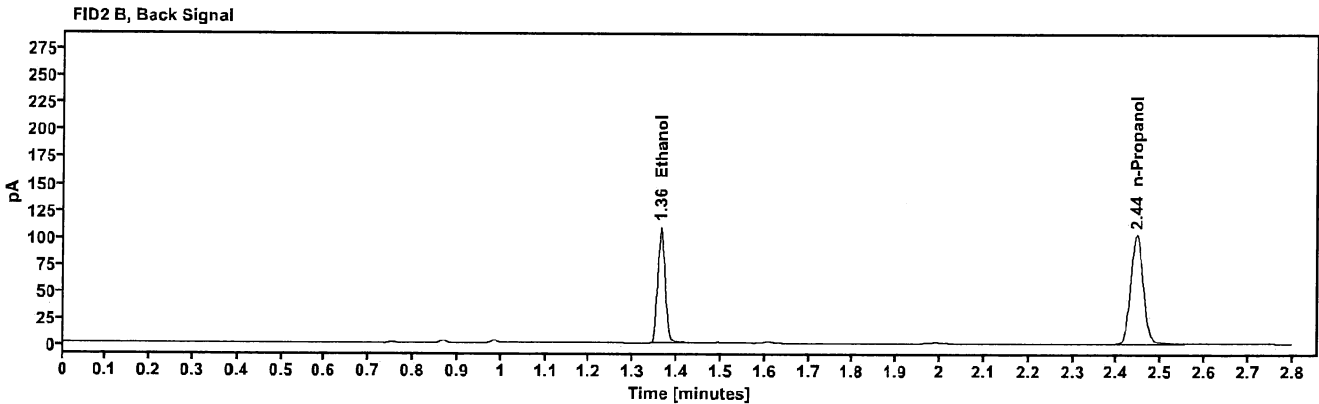
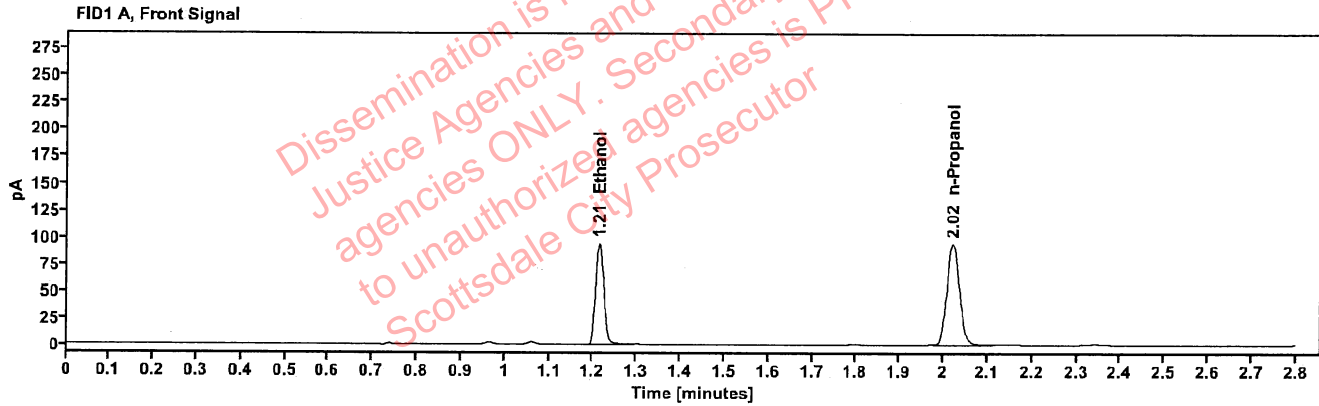


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1819	1.214	120.479
n-Propanol	-----	2.021	189.083

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

Compound	Time (min)	Peak Area
Ethanol	1.363	132.162
n-Propanol	2.444	204.001

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410025-1	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:35:08 PM
Data file:	C:\Chem32\1\Data\21May24\18.D	Analyst:	Brooke

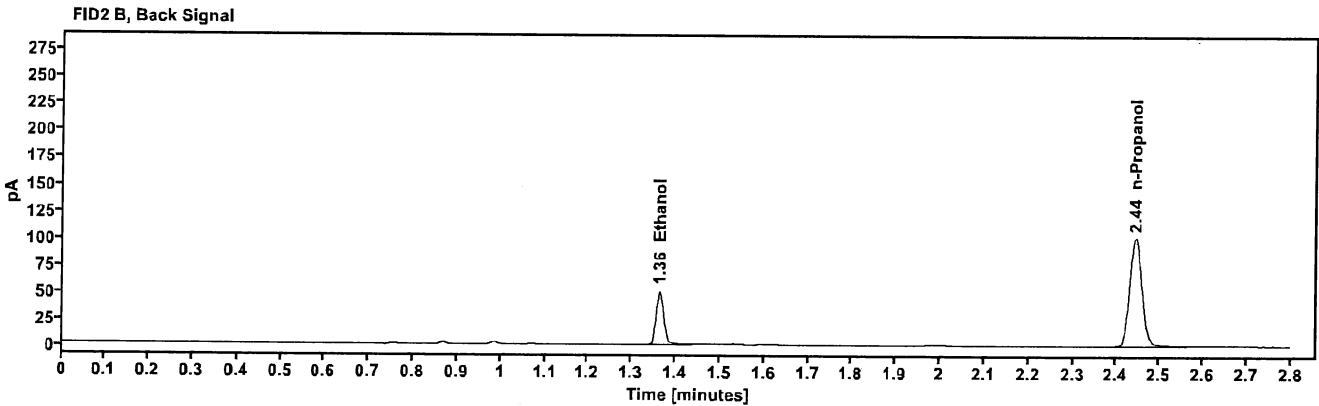
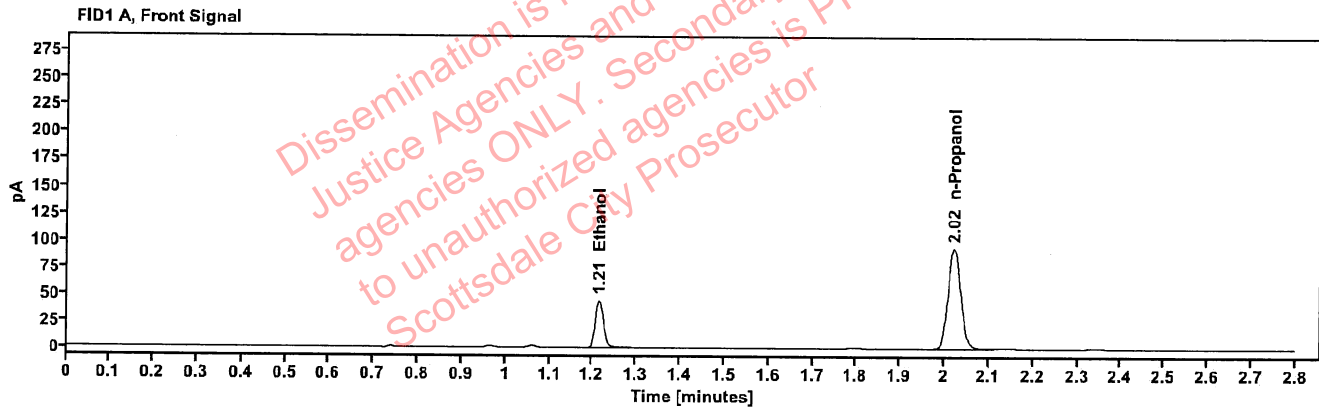


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0870	1.215	56.498
n-Propanol	-----	2.021	186.975

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

Compound	Time (min)	Peak Area
Ethanol	1.363	61.909
n-Propanol	2.444	203.100

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410025-1	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:39:22 PM
Data file:	C:\Chem32\1\Data\21May24\19.D	Analyst:	Brooke

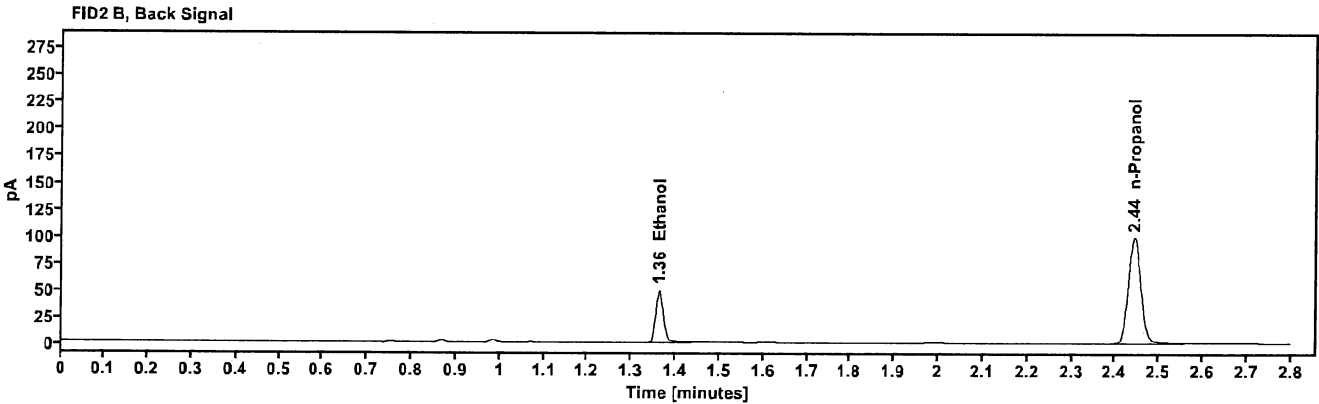
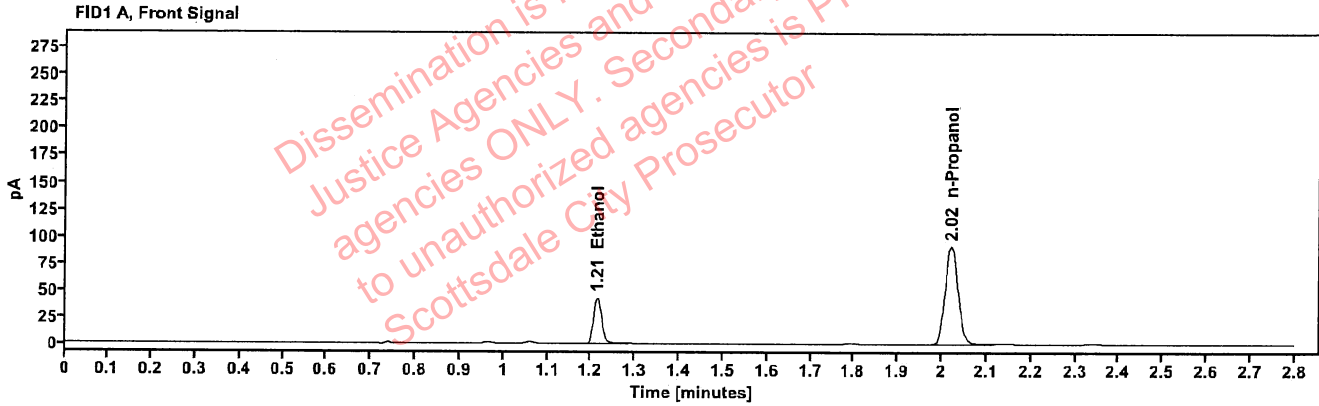


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0865	1.214	54.710
n-Propanol	-----	2.021	182.191

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

Compound	Time (min)	Peak Area
Ethanol	1.362	59.663
n-Propanol	2.443	197.629



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410028-1	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:47:23 PM
Data file:	C:\Chem32\1\Data\21May24\21.D	Analyst:	Brooke

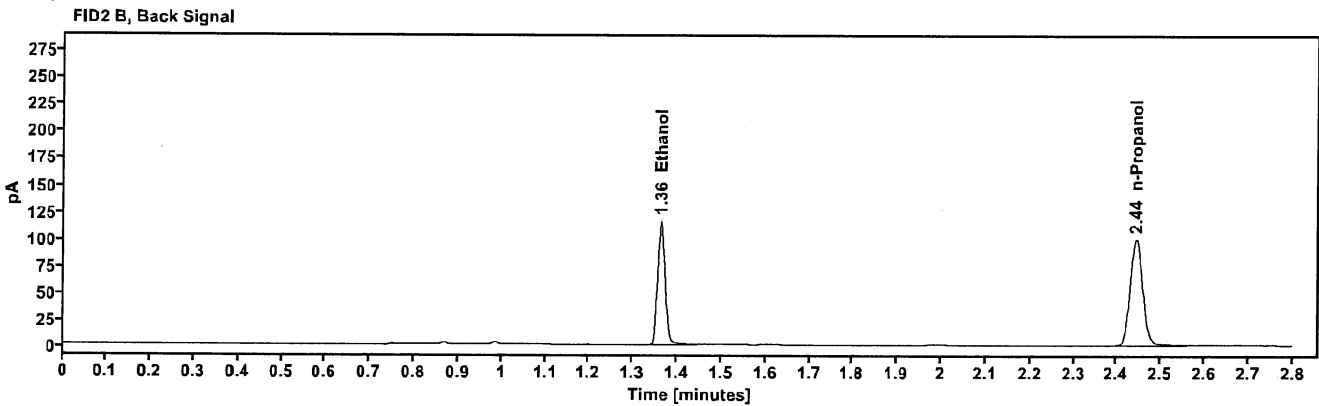
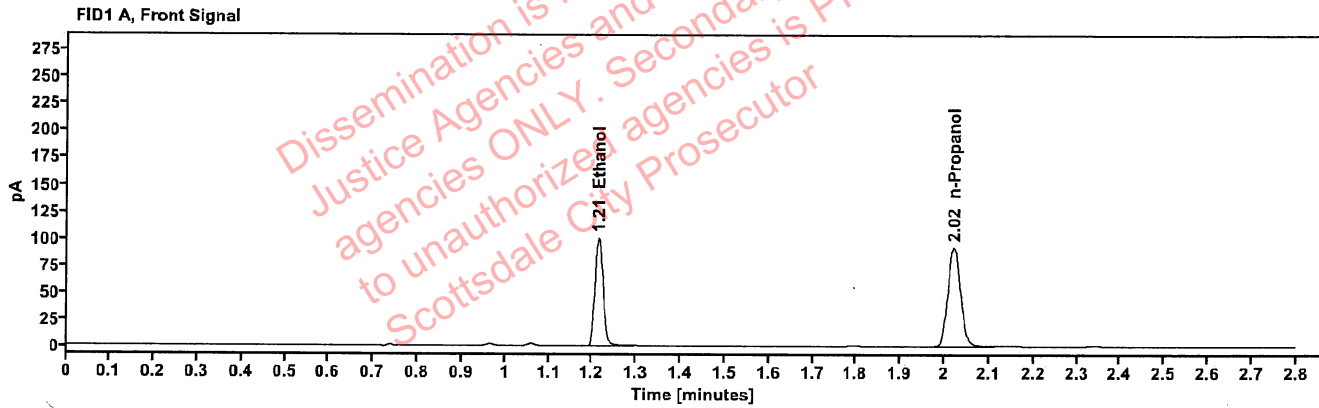


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.214	128.334
n-Propanol	-----	2.021	183.557

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

Compound	Time (min)	Peak Area
Ethanol	1.363	140.920
n-Propanol	2.444	198.991

[REDACTED]: Brooke, Phillip - (22-May-2024)

Case: [REDACTED] User: pbrooke 5/22/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410028-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:51:23 PM
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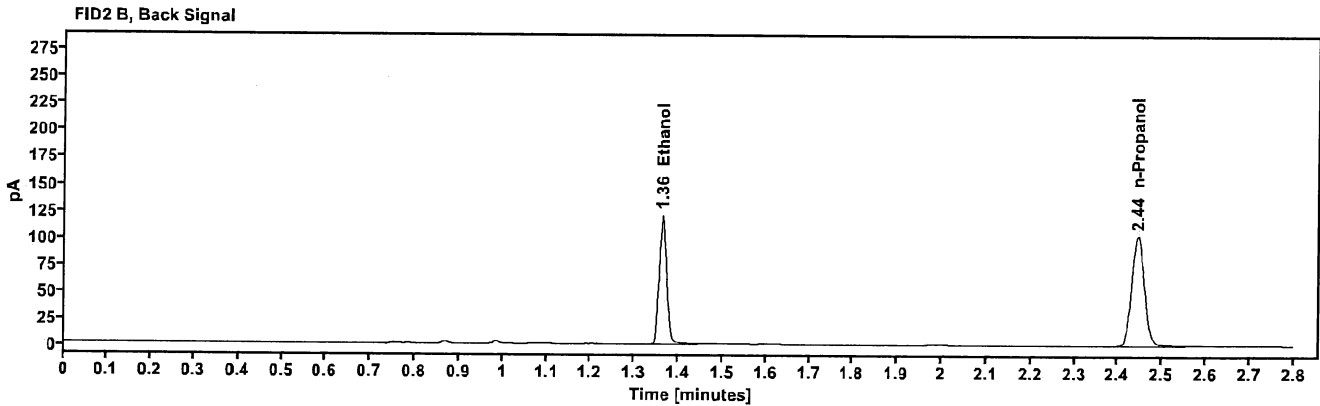
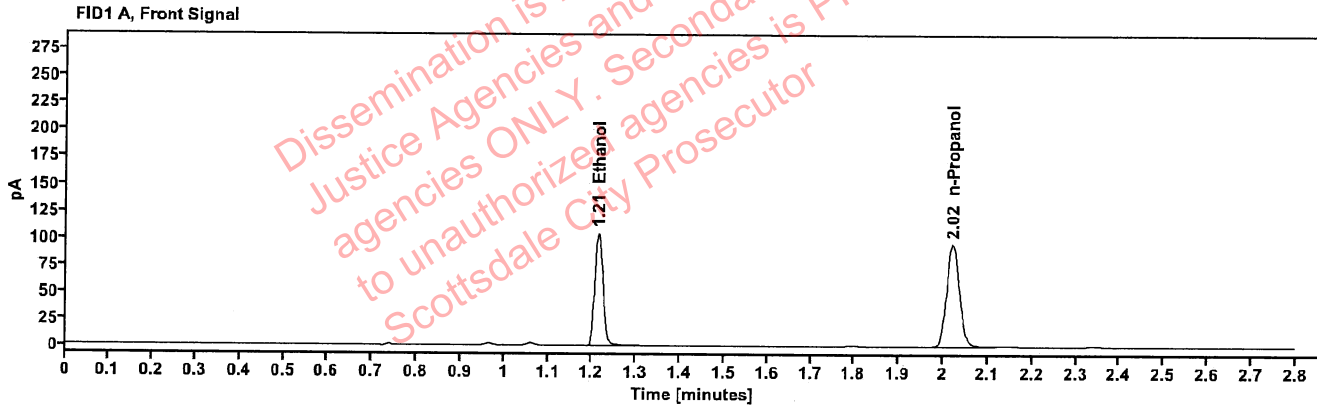


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2016	1.214	133.981
n-Propanol	-----	2.021	189.557

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

Compound	Time (min)	Peak Area
Ethanol	1.363	146.885
n-Propanol	2.444	205.349

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410106-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:55:23 PM
Data file:	C:\Chem32\1\Data\21May24\23.D	Analyst:	Brooke

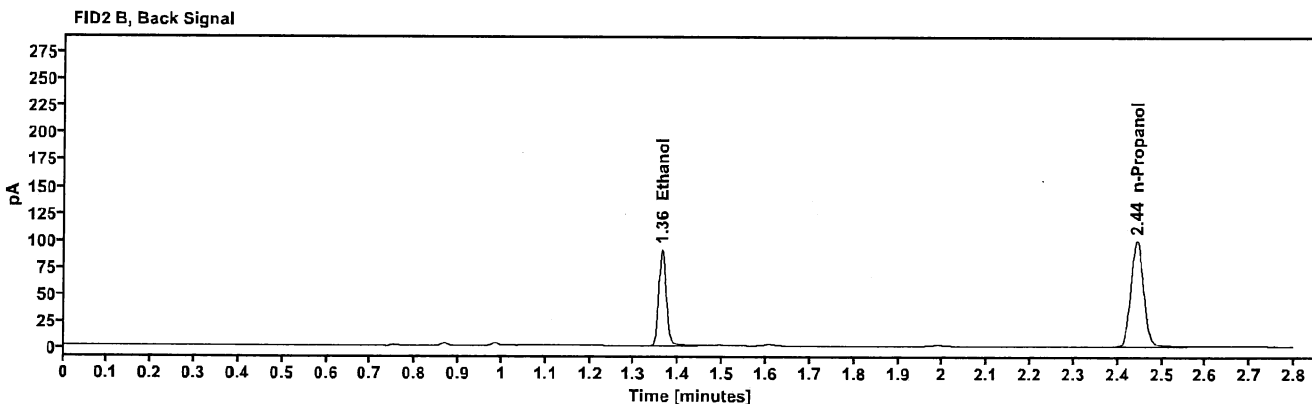
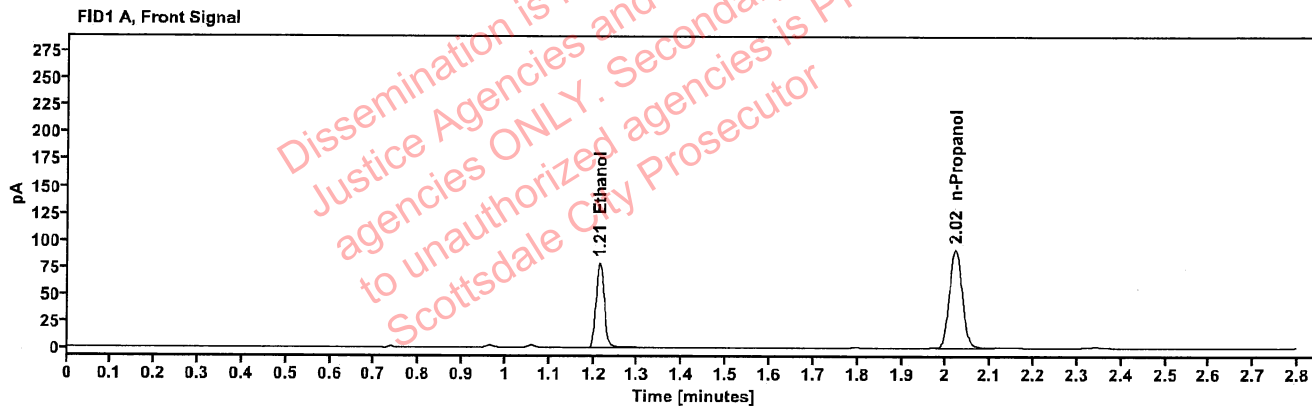


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1561	1.213	100.235
n-Propanol	-----	2.021	183.623

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

Compound	Time (min)	Peak Area
Ethanol	1.362	110.002
n-Propanol	2.443	198.346

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410106-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 7:59:23 PM
Data file:	C:\Chem32\1\Data\21May24\24.D	Analyst:	Brooke

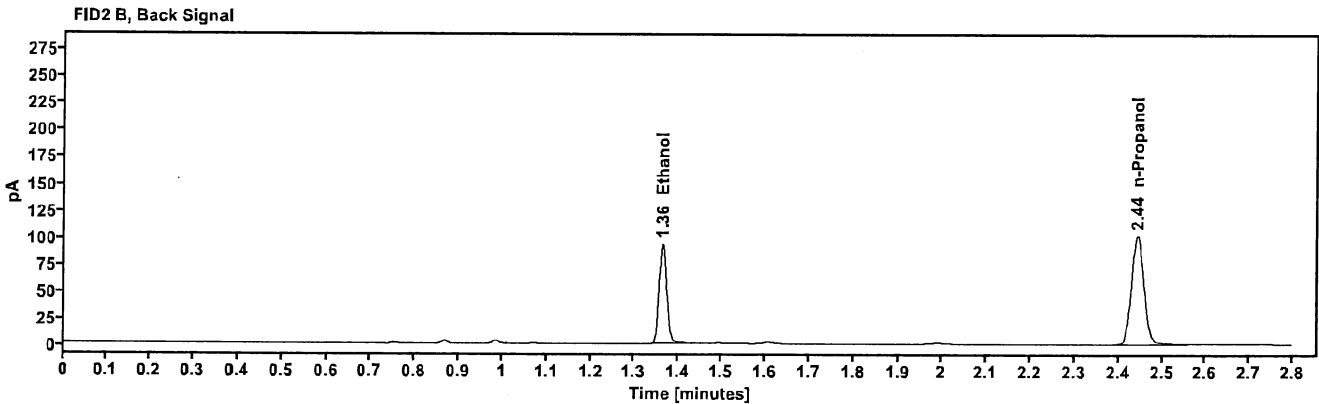
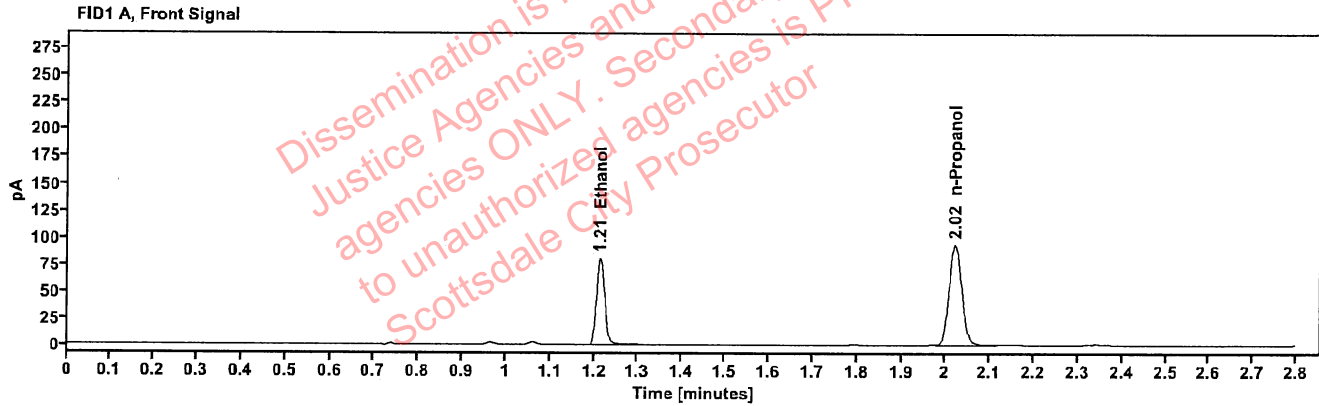


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1570	1.214	103.206
n-Propanol	-----	2.021	187.968

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

Compound	Time (min)	Peak Area
Ethanol	1.362	113.171
n-Propanol	2.443	202.838

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410111-1	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:03:37 PM
Data file:	C:\Chem32\11Data\21May24\25.D	Analyst:	Brooke

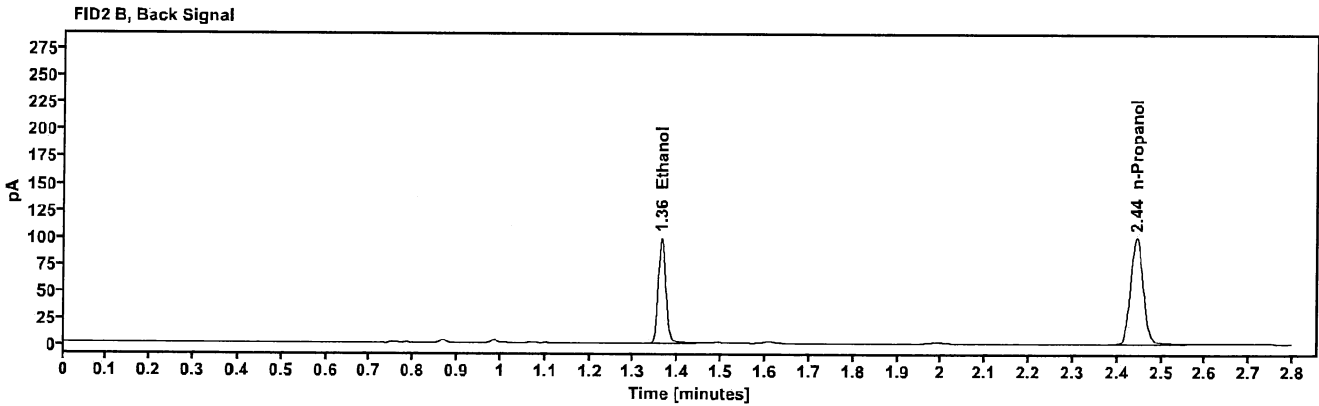
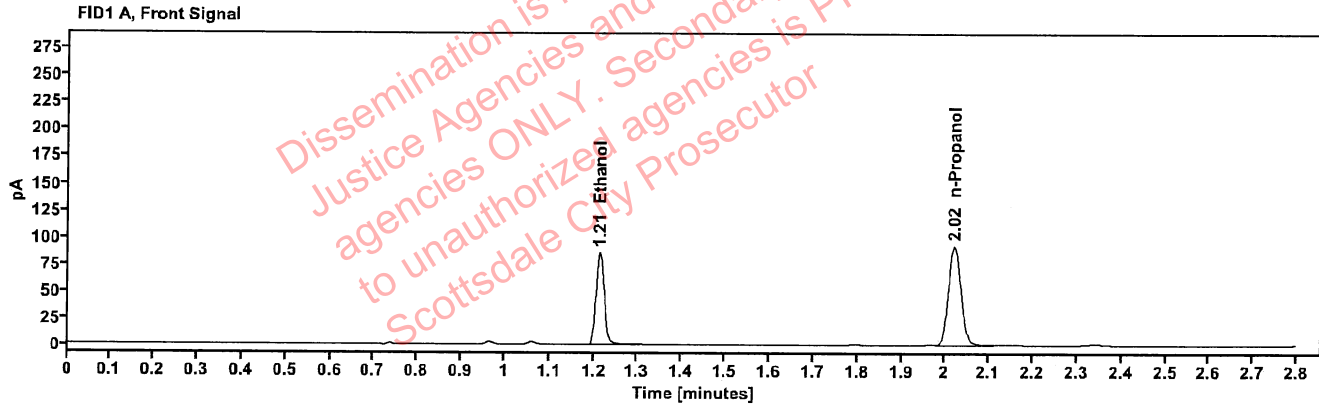


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1694	1.214	109.256
n-Propanol	-----	2.021	184.296

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

Compound	Time (min)	Peak Area
Ethanol	1.362	119.782
n-Propanol	2.444	198.768

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410111-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:07:37 PM
Data file:	C:\Chem32\11Data\21May24\26.D	Analyst:	Brooke

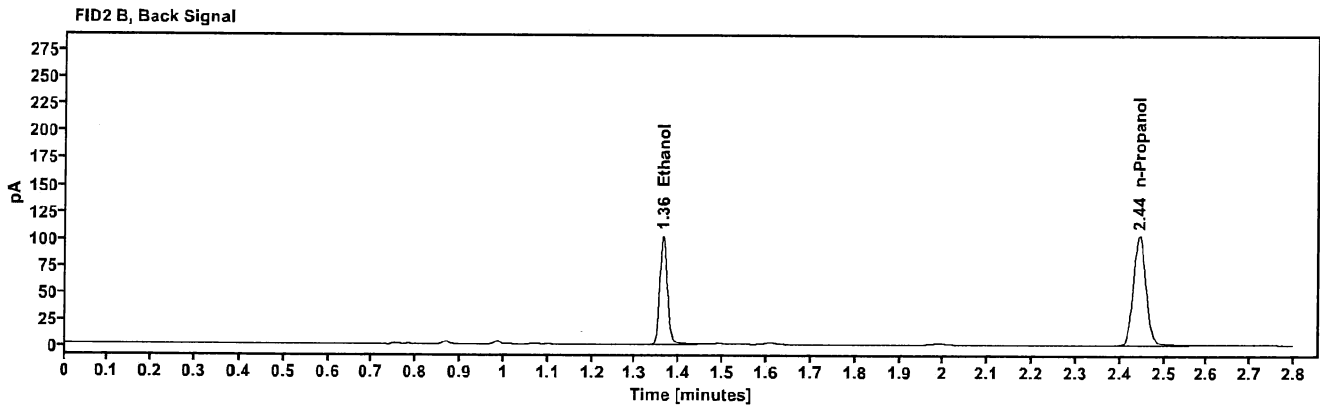
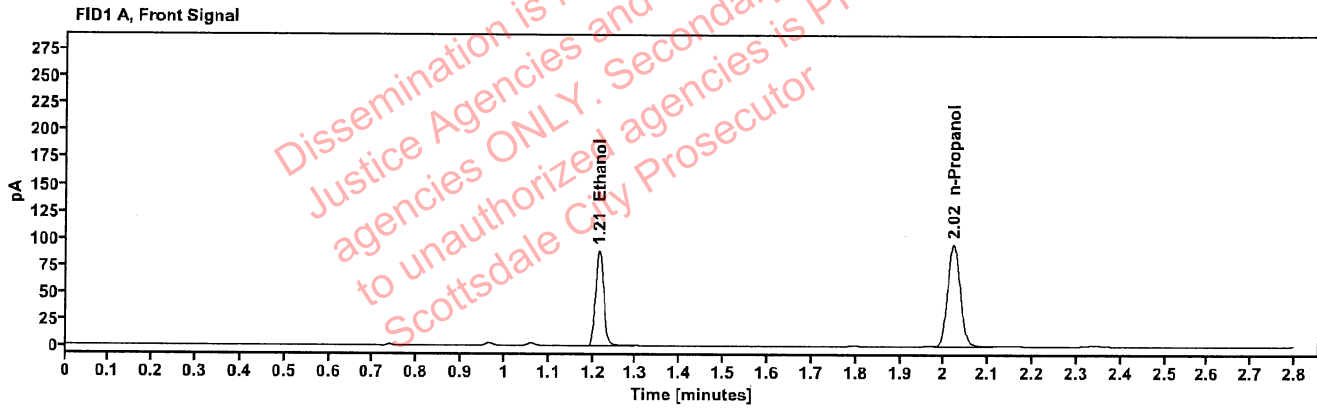


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1702	1.214	113.400
n-Propanol	---	2.021	190.323

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

Compound	Time (min)	Peak Area
Ethanol	1.363	124.532
n-Propanol	2.444	205.300

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2410104-3	<b>Vial:</b> 27
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 8:11:37 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\27.D	<b>Analyst:</b> Brooke

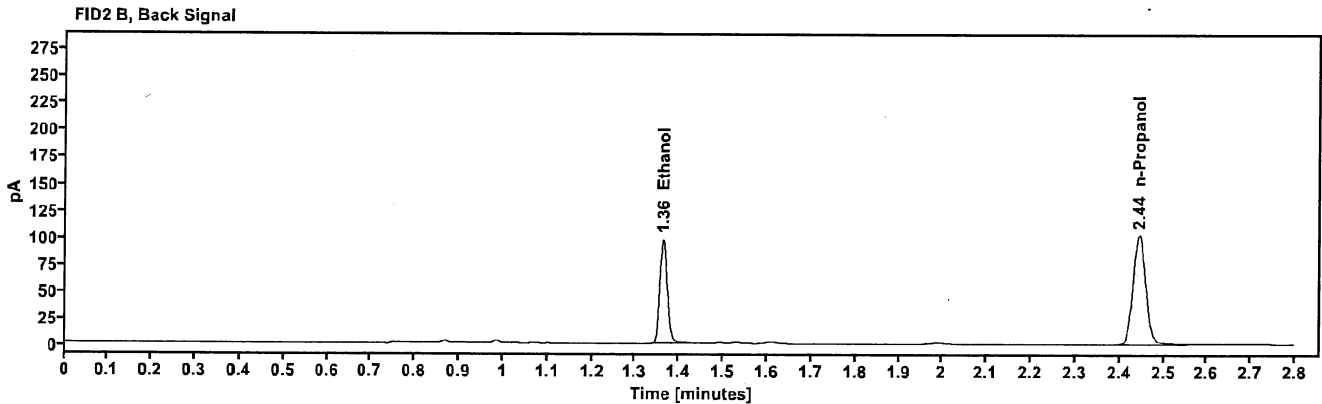
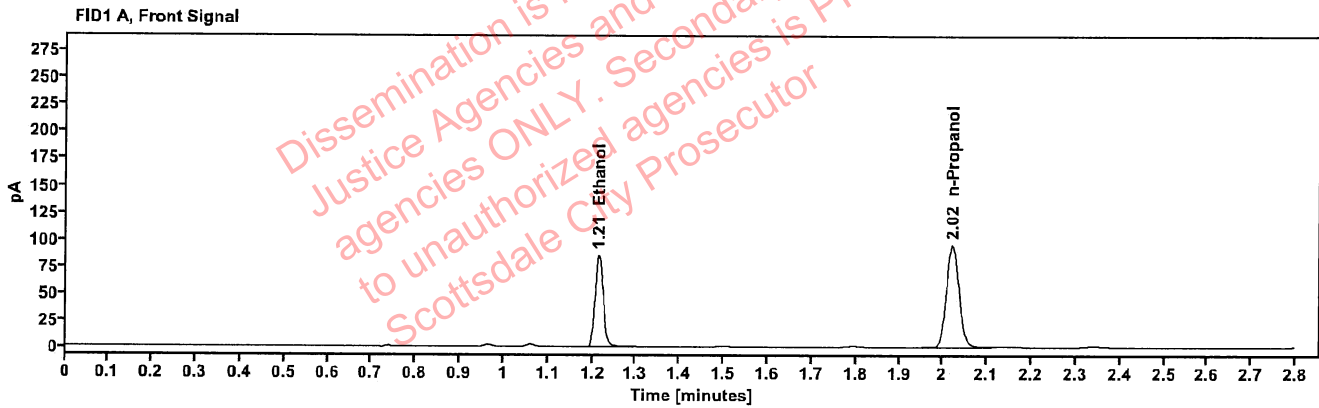


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1631	1.214	108.813
n-Propanol	-----	2.021	190.695

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

Compound	Time (min)	Peak Area
Ethanol	1.363	119.444
n-Propanol	2.444	205.056

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410104-3	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:15:37 PM
Data file:	C:\Chem32\1\Data\21May24\28.D	Analyst:	Brooke

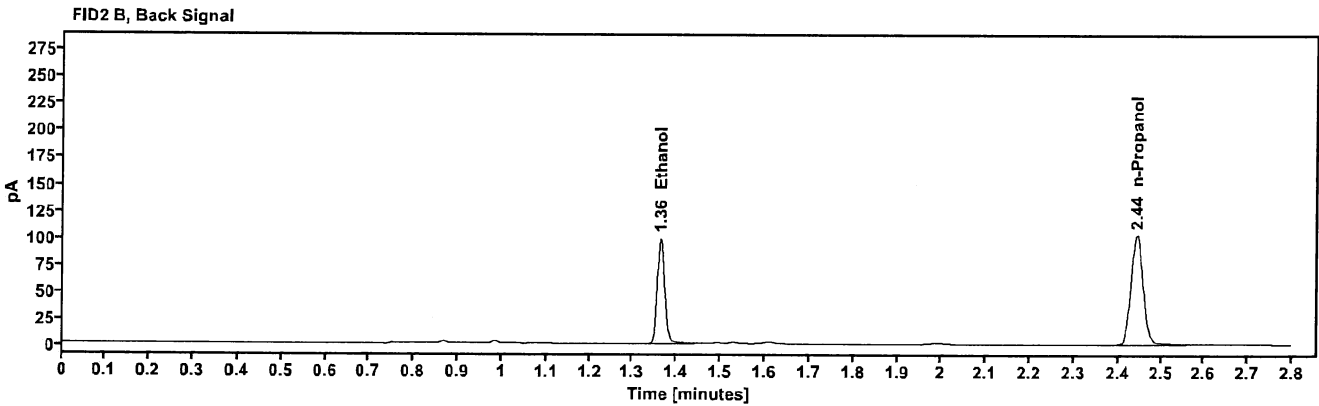
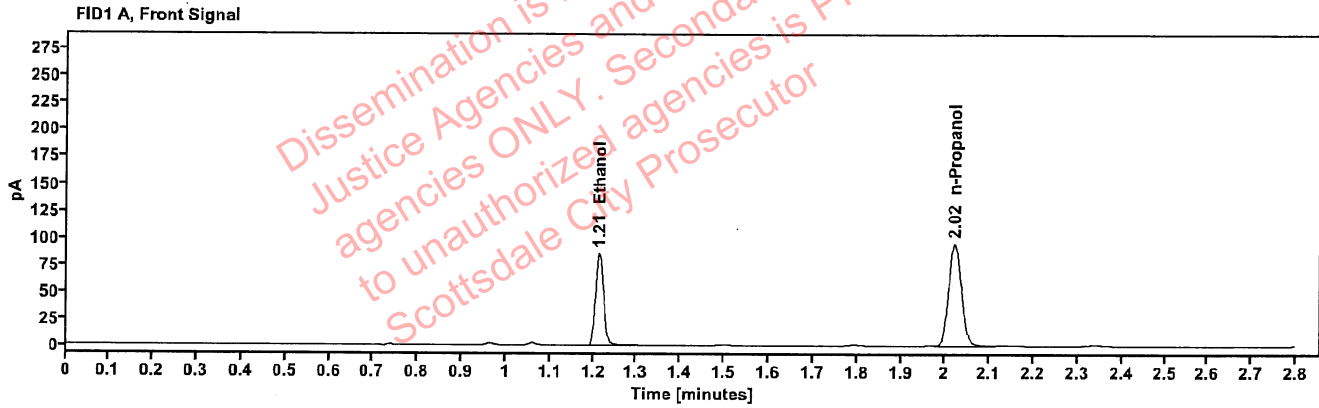


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1642	1.214	109.200
n-Propanol	-----	2.021	190.011

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

Compound	Time (min)	Peak Area
Ethanol	1.362	119.976
n-Propanol	2.444	204.926



### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2409695-1	<b>Vial:</b> 29
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 8:19:37 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\29.D	<b>Analyst:</b> Brooke

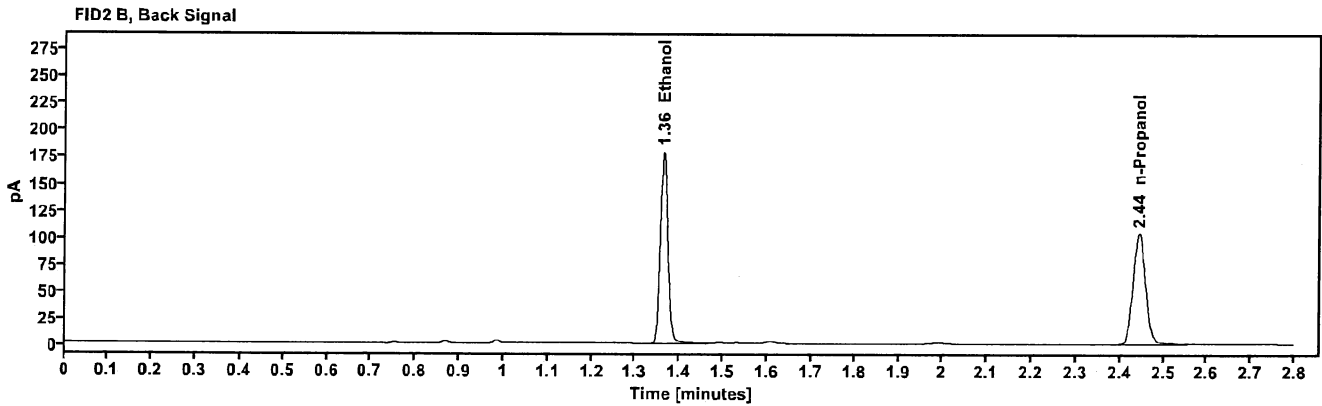
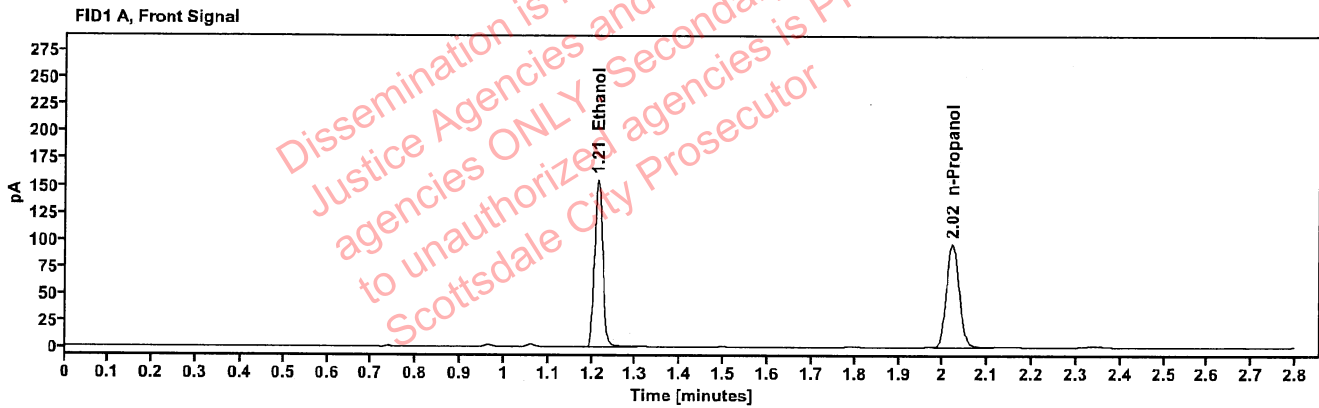


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2931	1.213	197.859
n-Propanol	-----	2.021	192.117

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

Compound	Time (min)	Peak Area
Ethanol	1.363	218.680
n-Propanol	2.444	207.122

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2409695-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:23:37 PM
Data file:	C:\Chem32\1\Data\21May24\30.D	Analyst:	Brooke

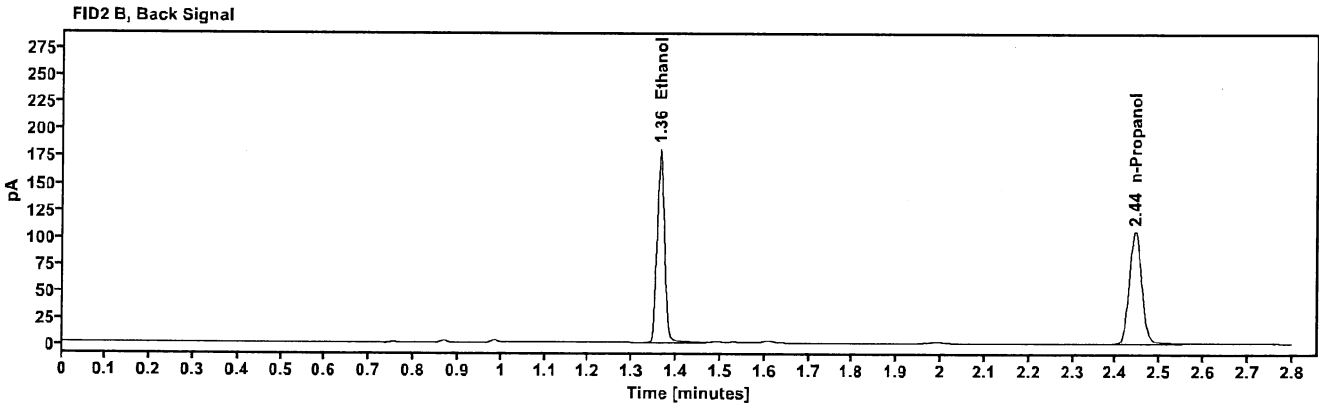
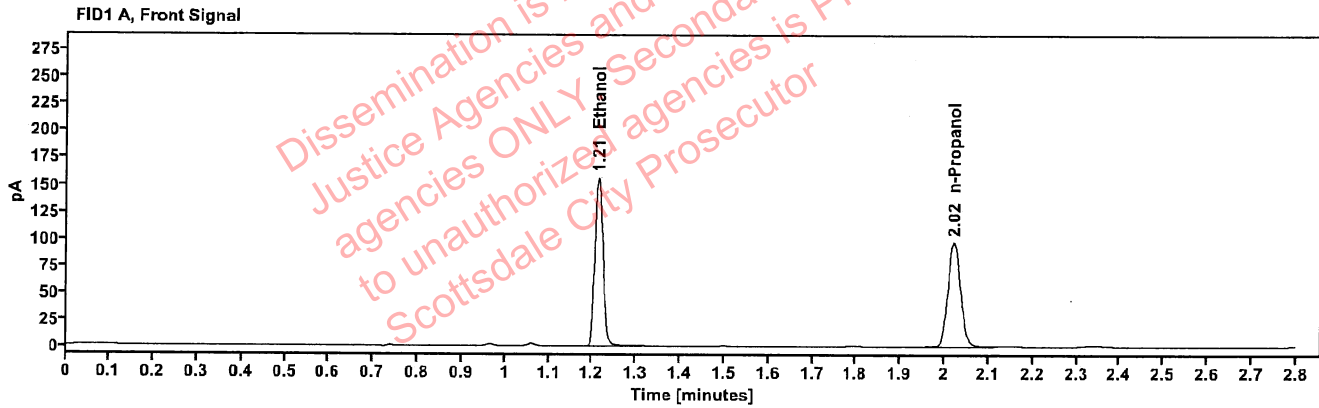


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2911	1.213	199.572
n-Propanol	-----	2.021	195.122

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

Compound	Time (min)	Peak Area
Ethanol	1.362	220.821
n-Propanol	2.444	209.818

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	434-01U.C.	Vial:	32
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:31:52 PM
Data file:	C:\Chem32\1\Data\21May24\32.D	Analyst:	Brooke

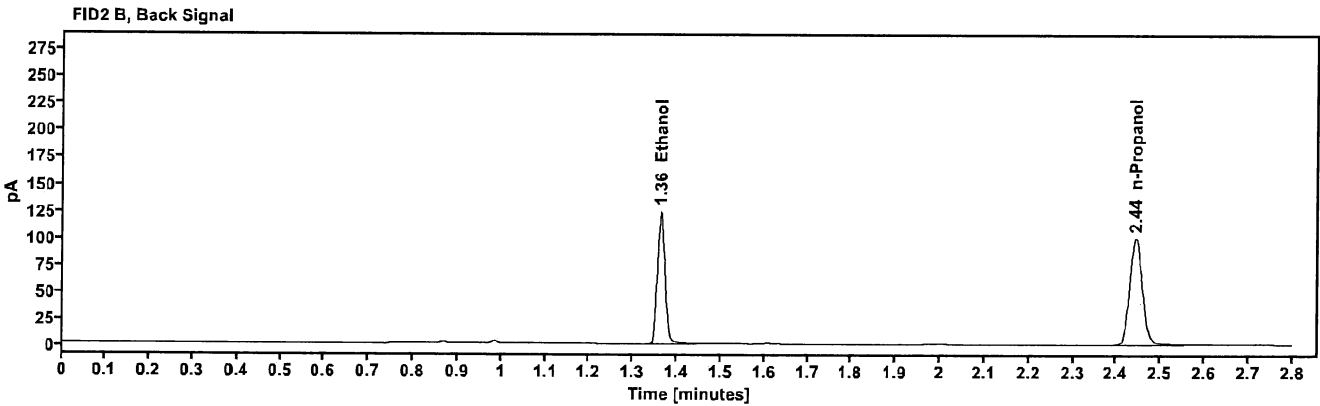
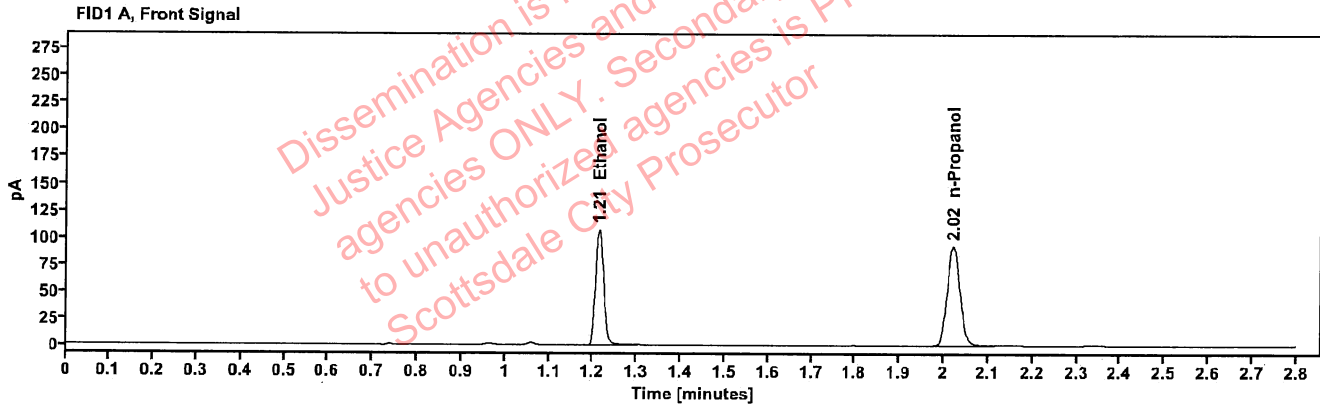


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2127	1.213	137.393
n-Propanol	-----	2.021	184.164

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

Compound	Time (min)	Peak Area
Ethanol	1.362	150.572
n-Propanol	2.443	199.193

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	434-01U.C.	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:35:53 PM
Data file:	C:\Chem32\1\Data\21May24\33.D	Analyst:	Brooke

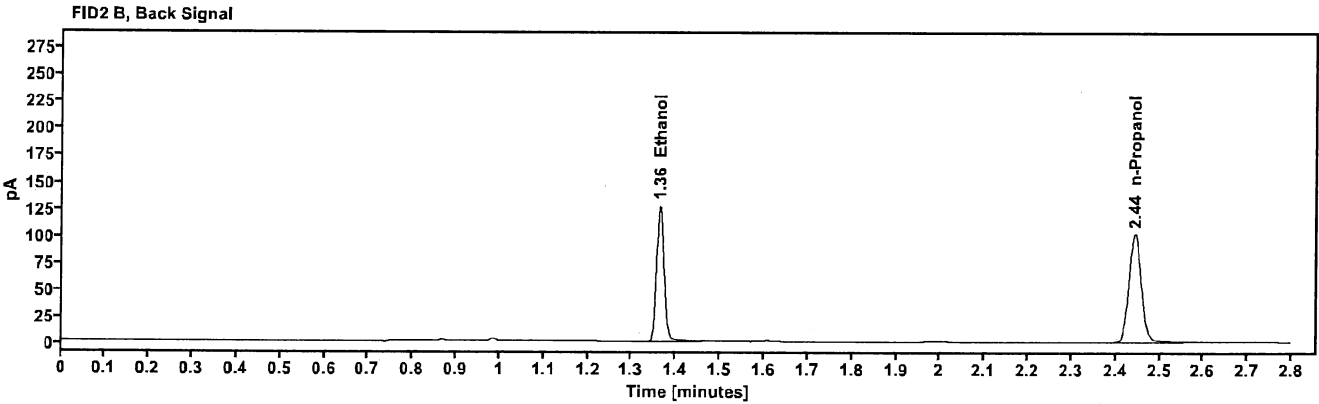
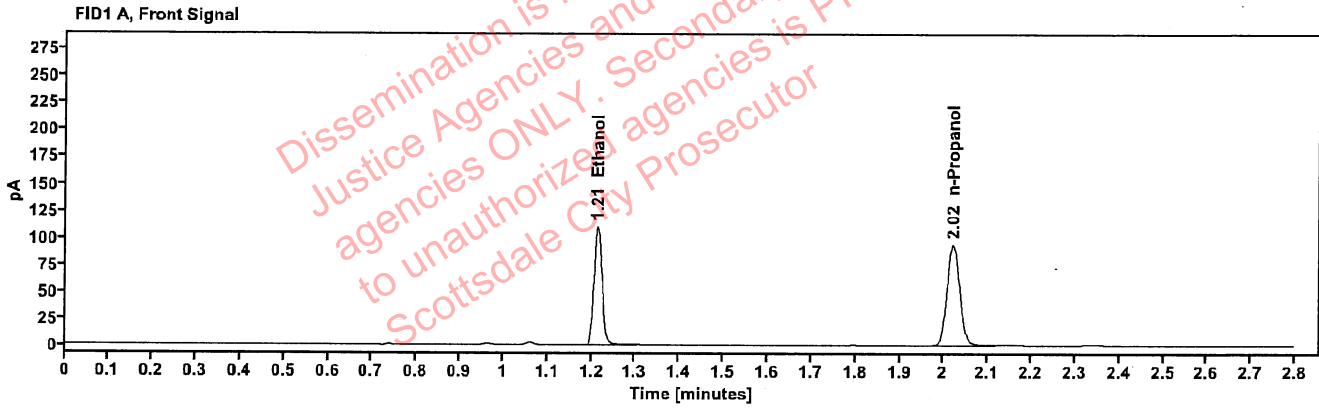


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2145	1.214	140.730
n-Propanol	-----	2.021	187.109

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

Compound	Time (min)	Peak Area
Ethanol	1.363	155.358
n-Propanol	2.444	202.345

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 334-01R.M.	<b>Vial:</b> 34
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 8:39:53 PM
<b>Data file:</b> C:\Chem32\11Data\21May24\34.D	<b>Analyst:</b> Brooke

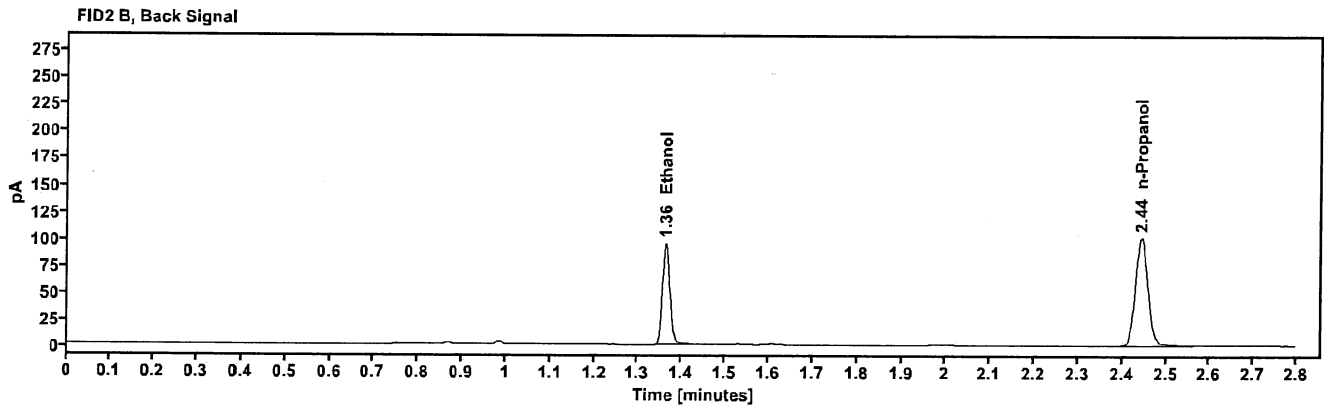
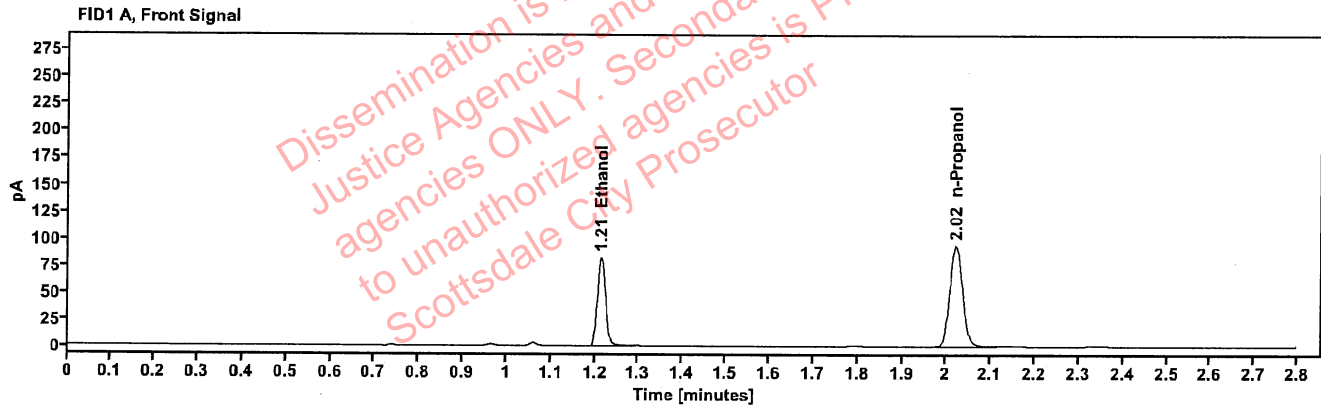


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1615	1.214	105.452
n-Propanol	-----	2.021	186.640

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

Compound	Time (min)	Peak Area
Ethanol	1.363	115.469
n-Propanol	2.444	202.632

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-01R.M.	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:43:53 PM
Data file:	C:\Chem32\1\Data\21May24\35.D	Analyst:	Brooke

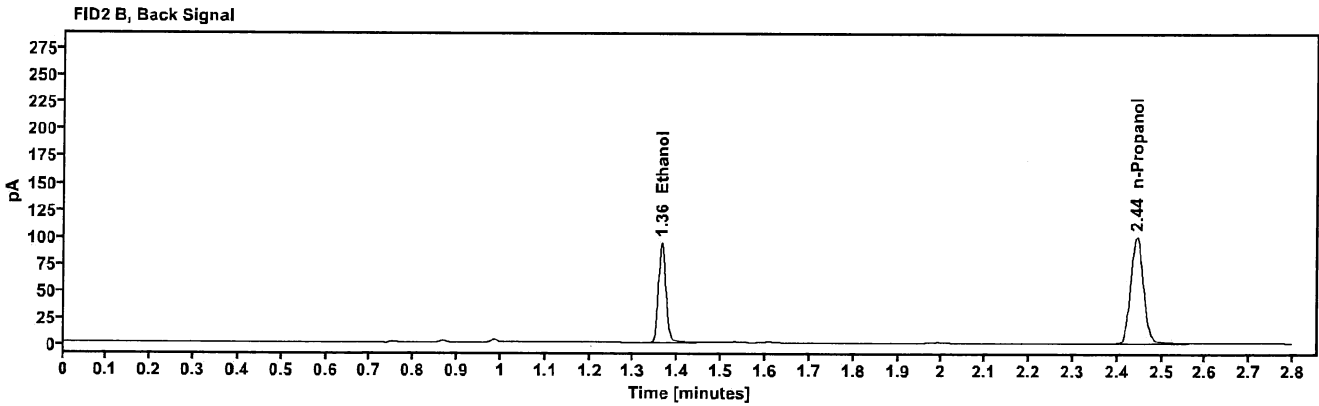
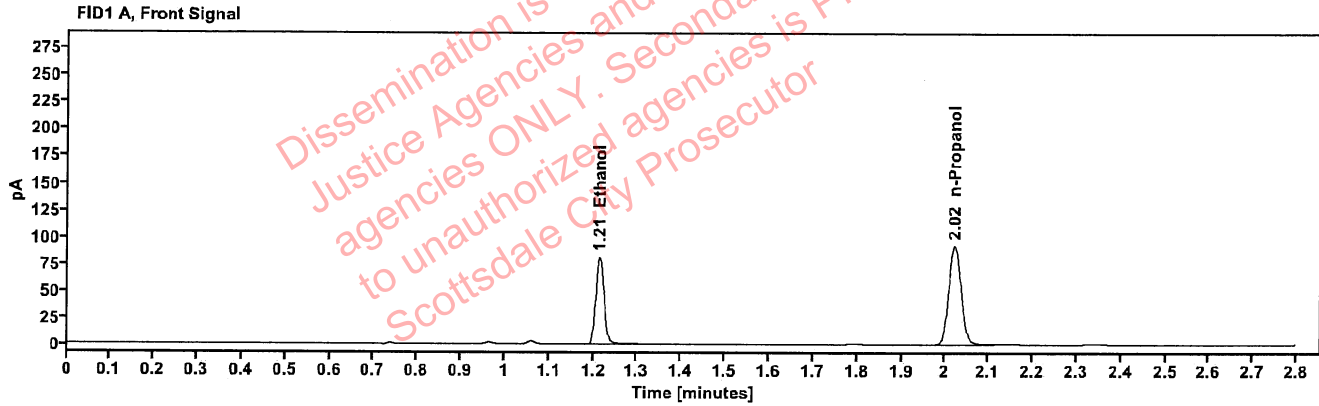


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1618	1.214	104.179
n-Propanol	-----	2.021	183.997

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

Compound	Time (min)	Peak Area
Ethanol	1.363	114.220
n-Propanol	2.444	199.796

: Brooke, Phillip - (22-May-2024)

Case: [REDACTED] User: pbrooke 5/22/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01R.J.	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:47:53 PM
Data file:	C:\Chem32\1\Data\21May24\36.D	Analyst:	Brooke

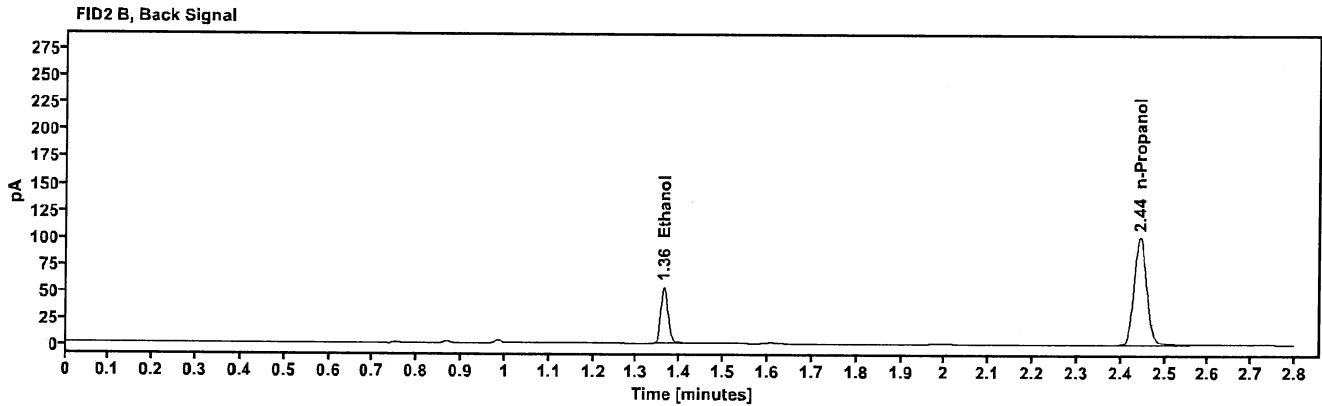
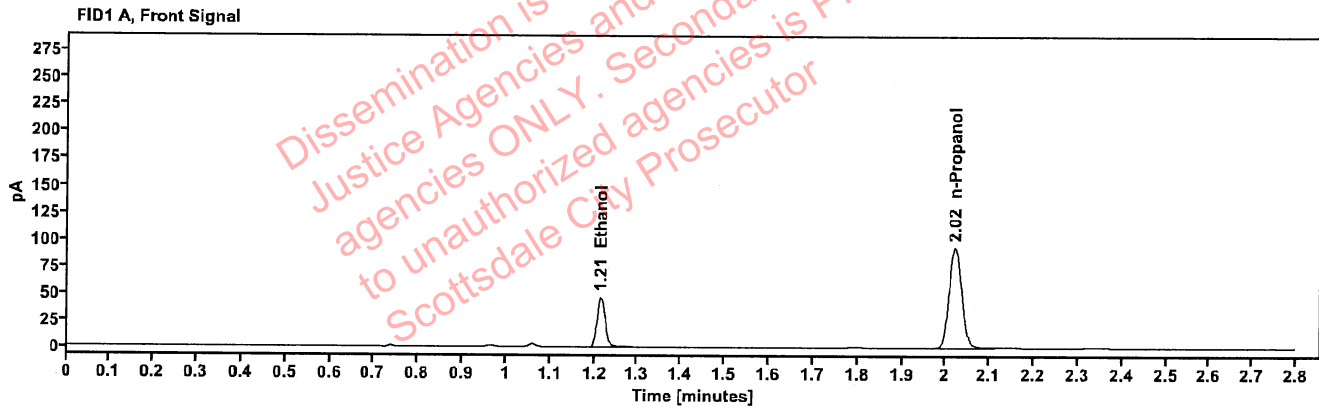


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0918	1.214	59.349
n-Propanol	---	2.021	186.084

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

Compound	Time (min)	Peak Area
Ethanol	1.363	64.826
n-Propanol	2.444	201.855

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01R.J.	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:52:07 PM
Data file:	C:\Chem32\11Data\21May24\37.D	Analyst:	Brooke

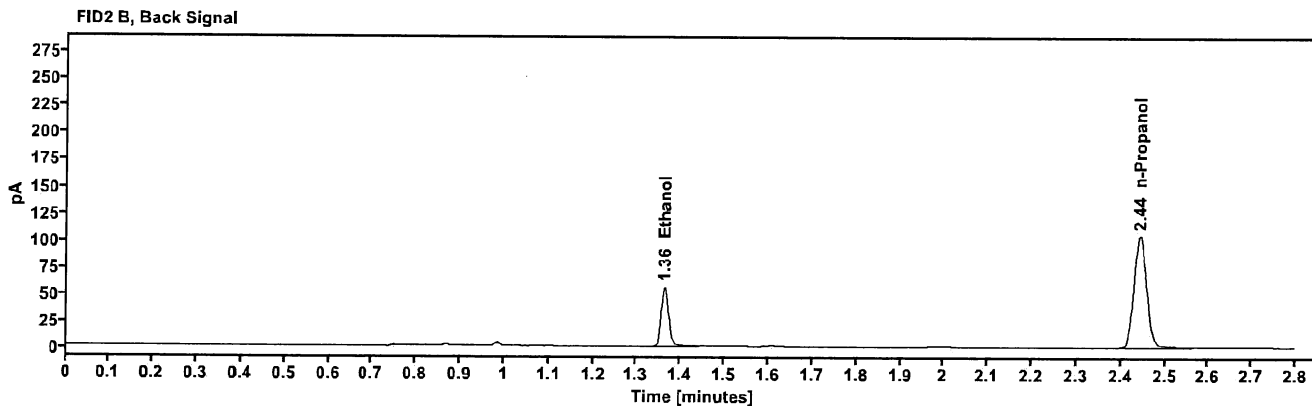
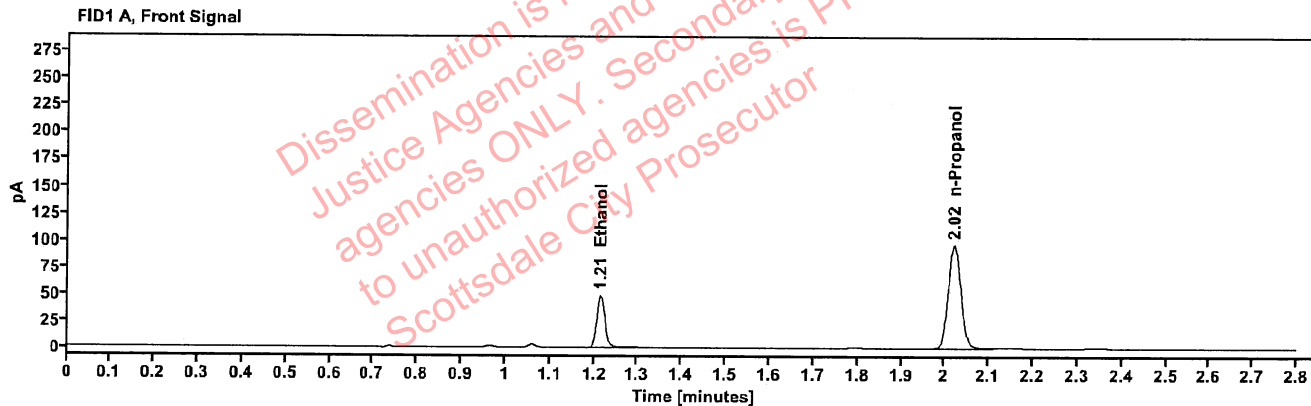


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0930	1.214	62.055
n-Propanol	-----	2.021	191.904

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

Compound	Time (min)	Peak Area
Ethanol	1.363	67.639
n-Propanol	2.444	208.398



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-01J.T.	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 8:56:07 PM
Data file:	C:\Chem32\1\Data\21May24\38.D	Analyst:	Brooke

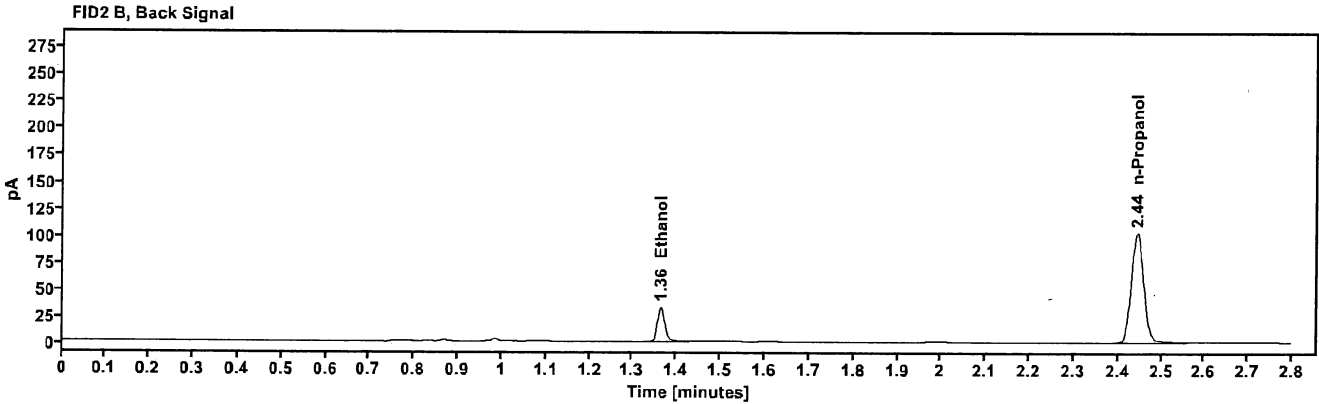
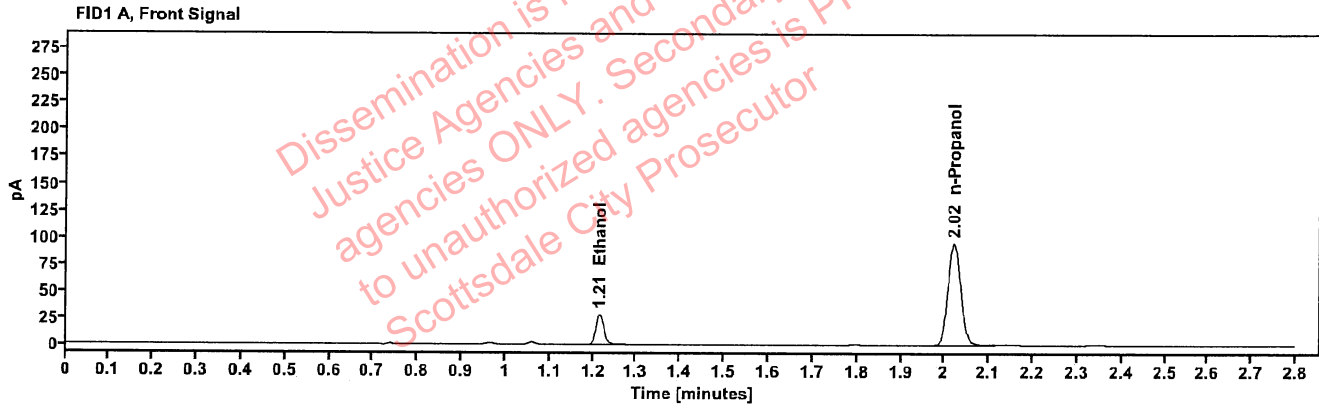


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0557	1.215	36.236
n-Propanol	-----	2.021	189.266

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

Compound	Time (min)	Peak Area
Ethanol	1.364	39.994
n-Propanol	2.444	205.281

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 334-01J.T.	<b>Vial:</b> 39
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:00:07 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\39.D	<b>Analyst:</b> Brooke

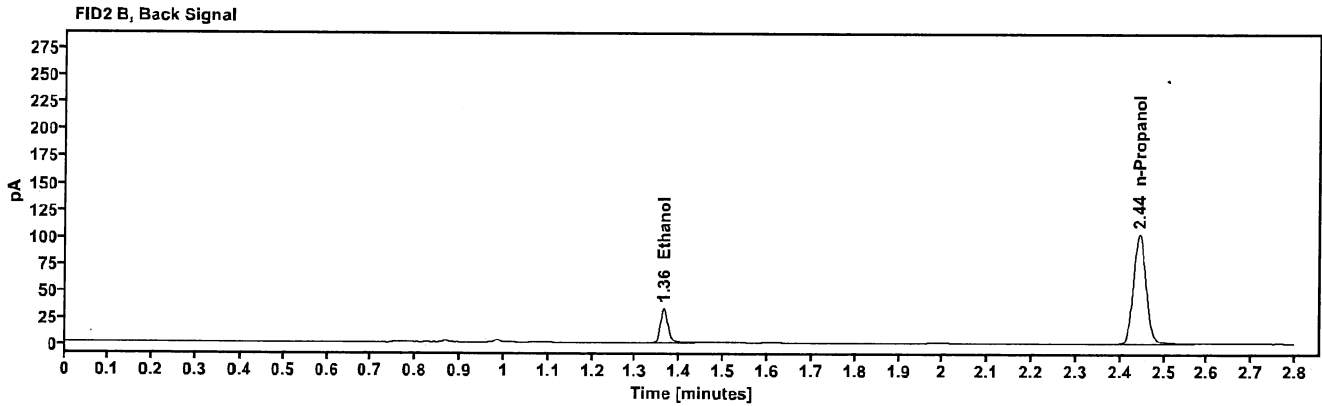
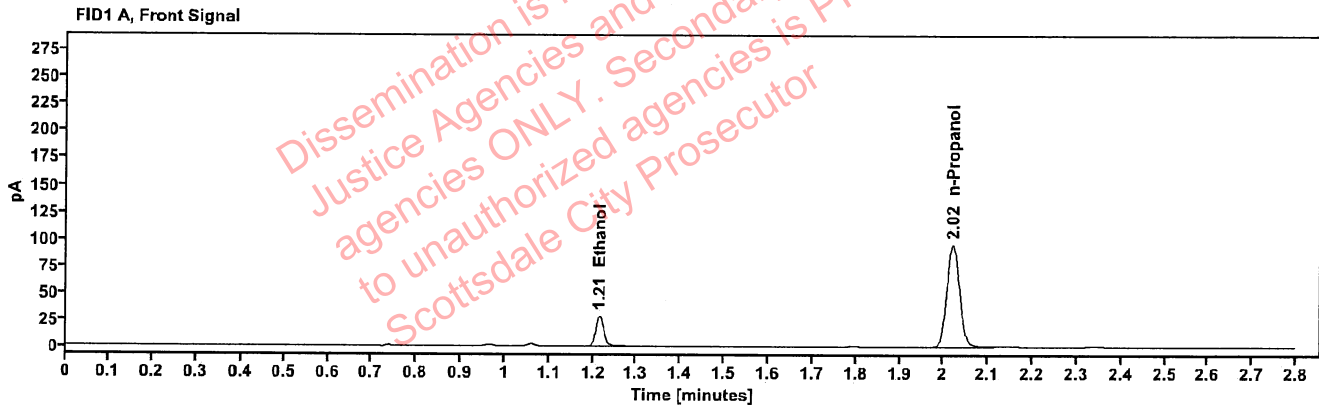


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0554	1.215	36.051
n-Propanol	-----	2.021	189.366

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

Compound	Time (min)	Peak Area
Ethanol	1.363	39.949
n-Propanol	2.443	205.738

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01J.G.	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 9:04:08 PM
Data file:	C:\Chem32\1\Data\21May24\40.D	Analyst:	Brooke

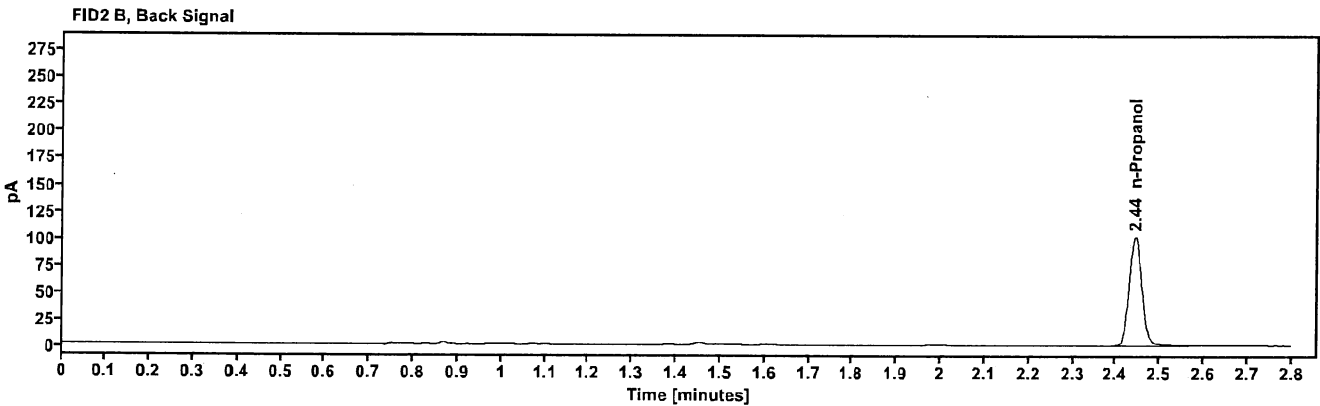
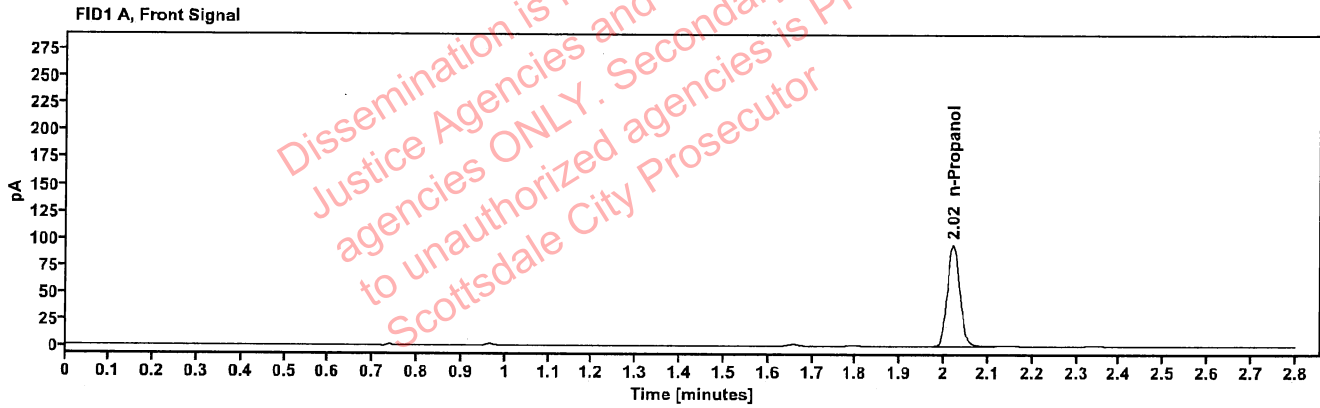


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.021	187.708

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

Compound	Time (min)	Peak Area
n-Propanol	2.444	203.827

[REDACTED]: Brooke, Phillip - (22-May-2024)

Case: [REDACTED] User: pbrooke 5/22/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01J.G.	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 9:08:08 PM
Data file:	C:\Chem32\1\Data\21May24\41.D	Analyst:	Brooke

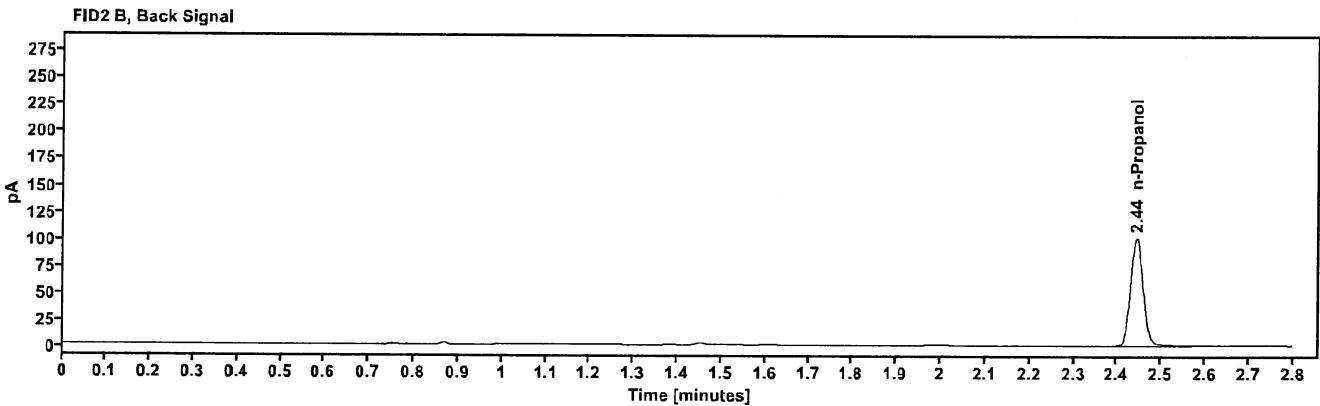
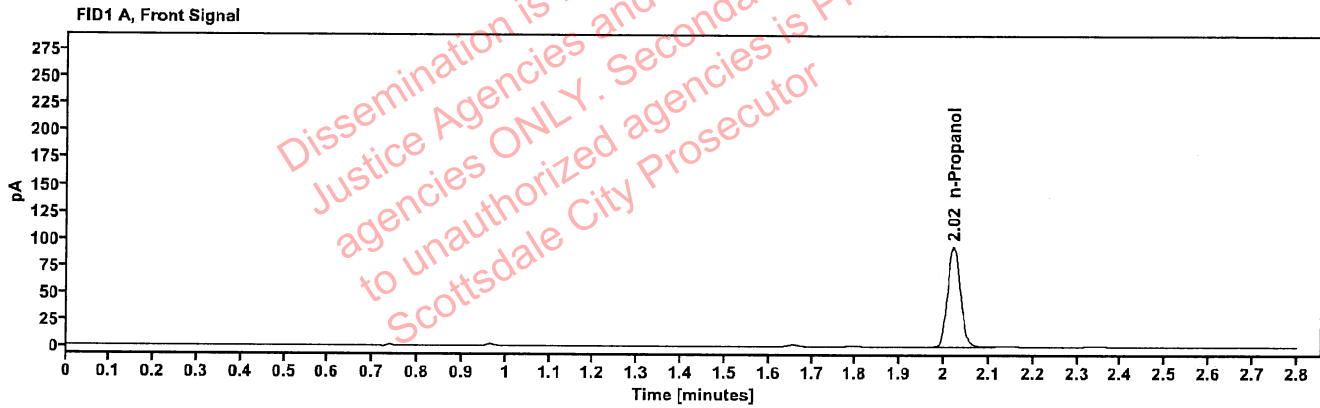


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.021	185.745

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

Compound	Time (min)	Peak Area
n-Propanol	2.444	201.866

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 334-01E.B.	<b>Vial:</b> 43
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:16:23 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\43.D	<b>Analyst:</b> Brooke

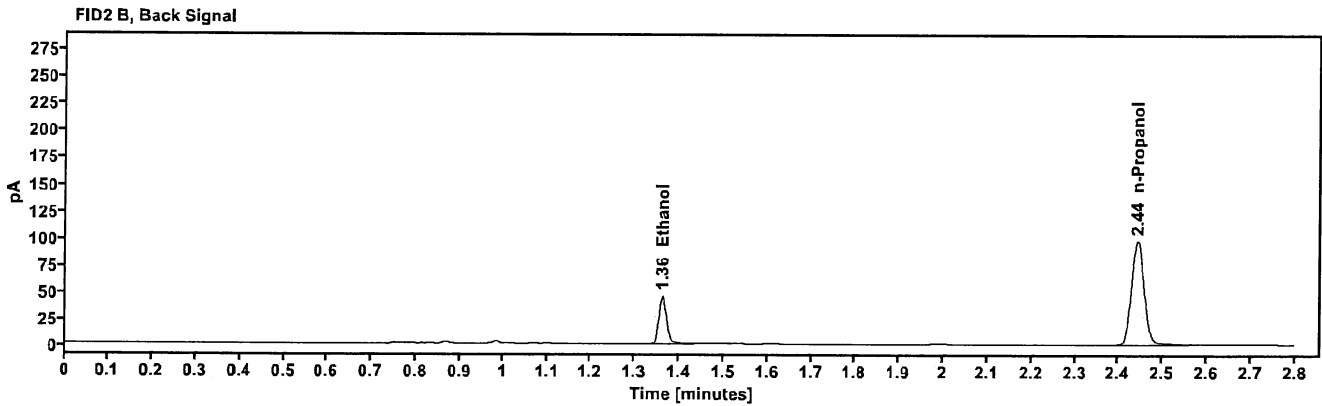
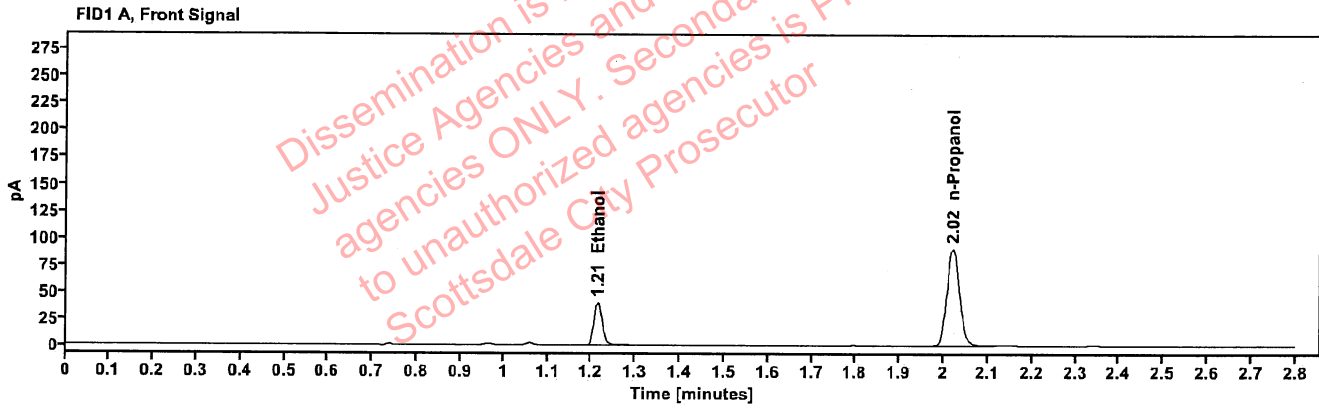


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.213	50.577
n-Propanol	---	2.020	179.797

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

Compound	Time (min)	Peak Area
Ethanol	1.362	55.253
n-Propanol	2.442	195.002

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	334-01E.B.	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 9:20:22 PM
Data file:	C:\Chem32\1\Data\21May24\44.D	Analyst:	Brooke

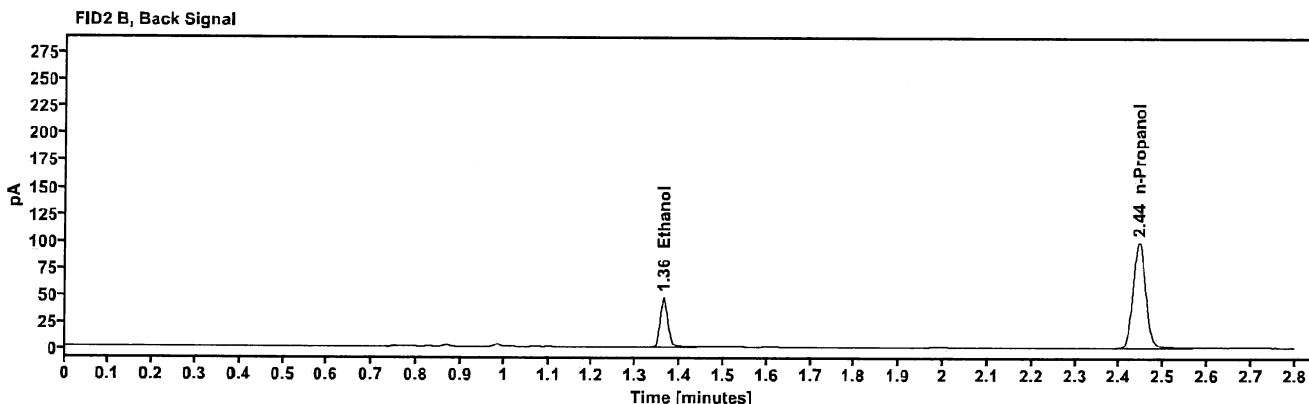
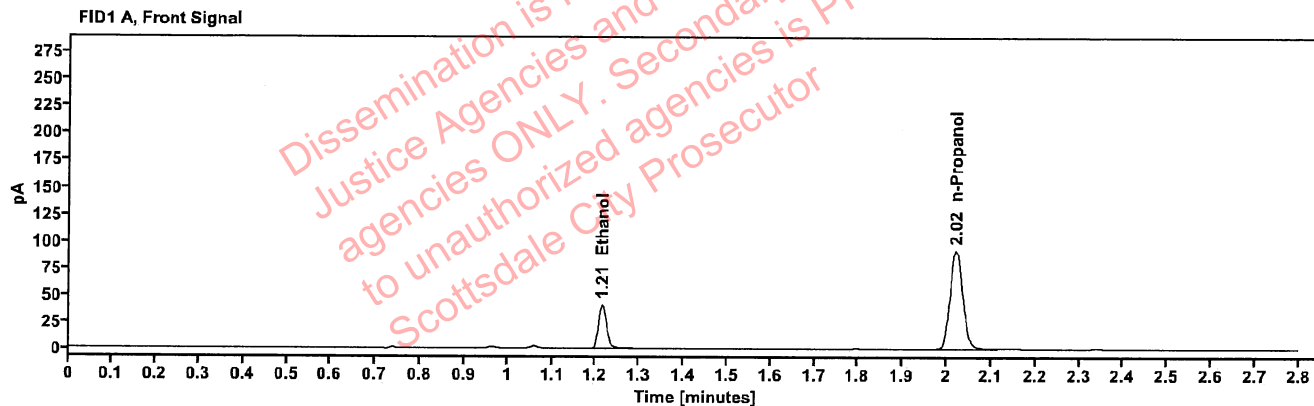


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0819	1.214	51.929
n-Propanol	-----	2.021	182.806

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

Compound	Time (min)	Peak Area
Ethanol	1.363	56.709
n-Propanol	2.444	198.352

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 409-01M.C.	<b>Vial:</b> 45
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:24:22 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\45.D	<b>Analyst:</b> Brooke

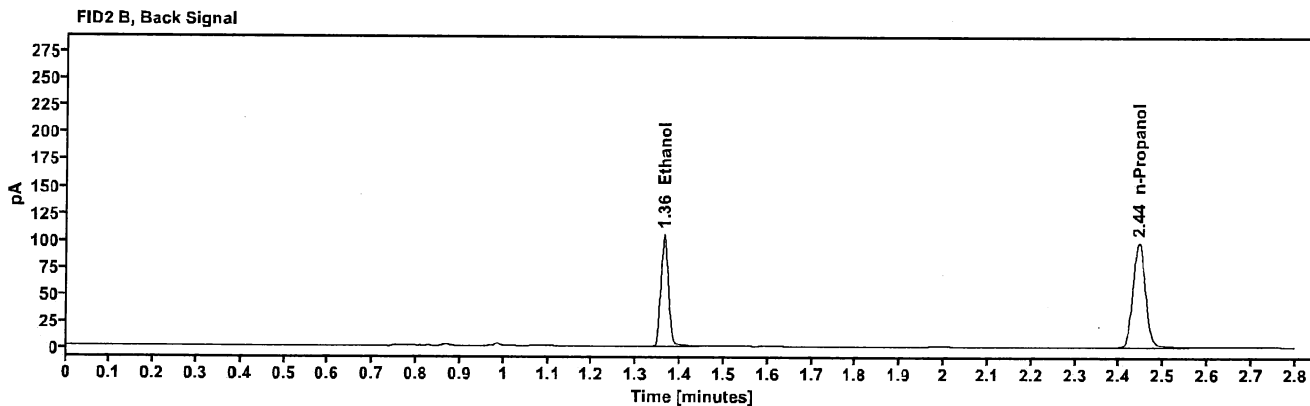
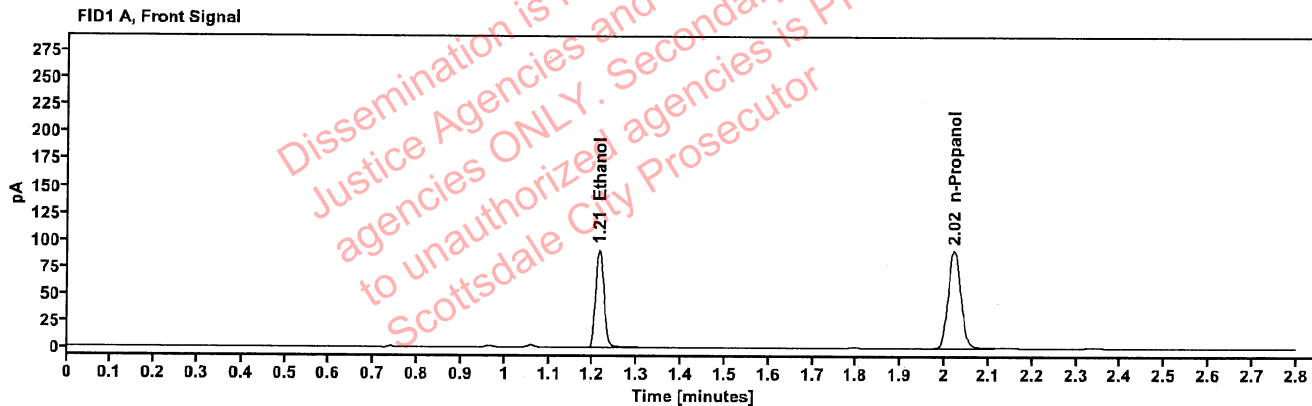


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1838	1.214	116.621
n-Propanol	-----	2.021	181.147

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

Compound	Time (min)	Peak Area
Ethanol	1.362	127.683
n-Propanol	2.444	196.243

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 409-01M.C.	<b>Vial:</b> 46
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:28:24 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\46.D	<b>Analyst:</b> Brooke

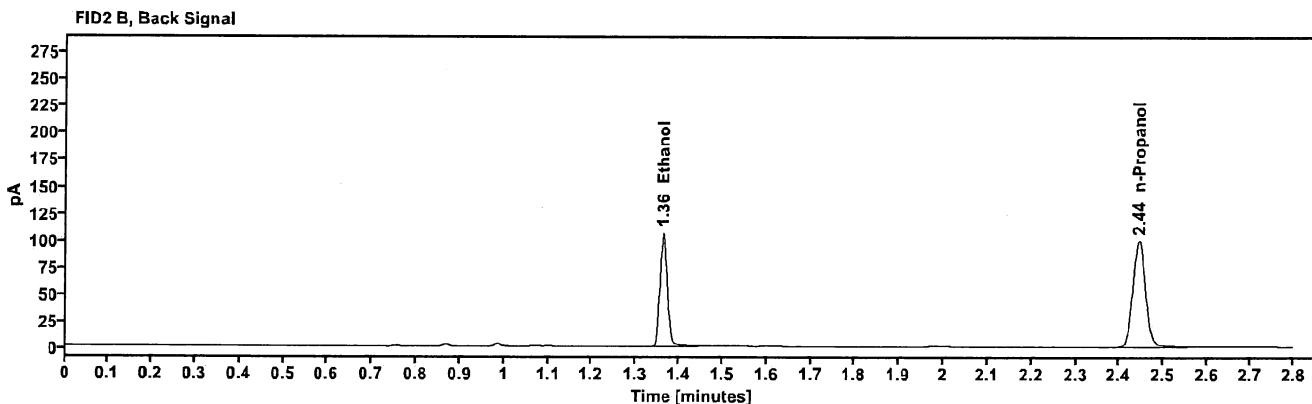
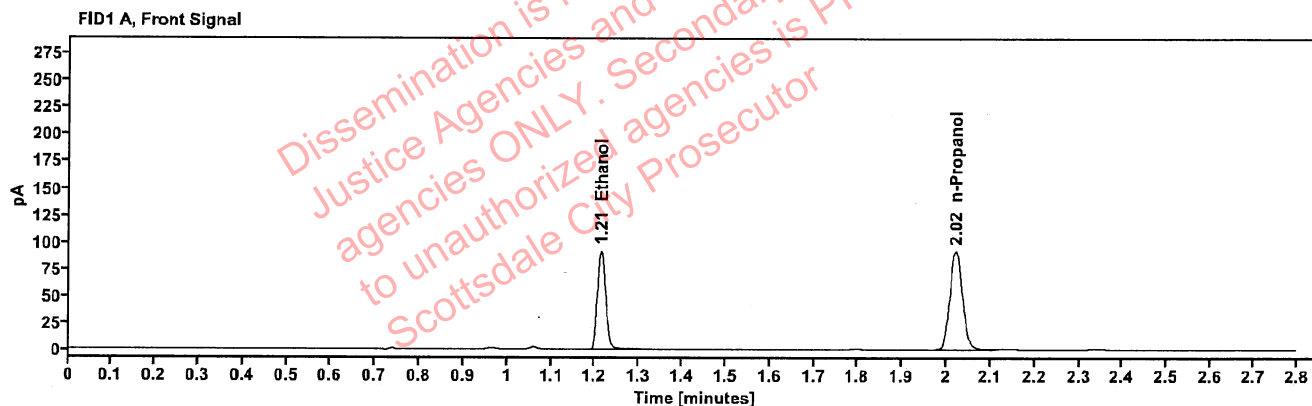


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1836	1.213	117.683
n-Propanol	---	2.021	182.957

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

Compound	Time (min)	Peak Area
Ethanol	1.362	128.924
n-Propanol	2.443	198.220



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01B.U.	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 9:32:24 PM
Data file:	C:\Chem32\1\Data\21May24\47.D	Analyst:	Brooke

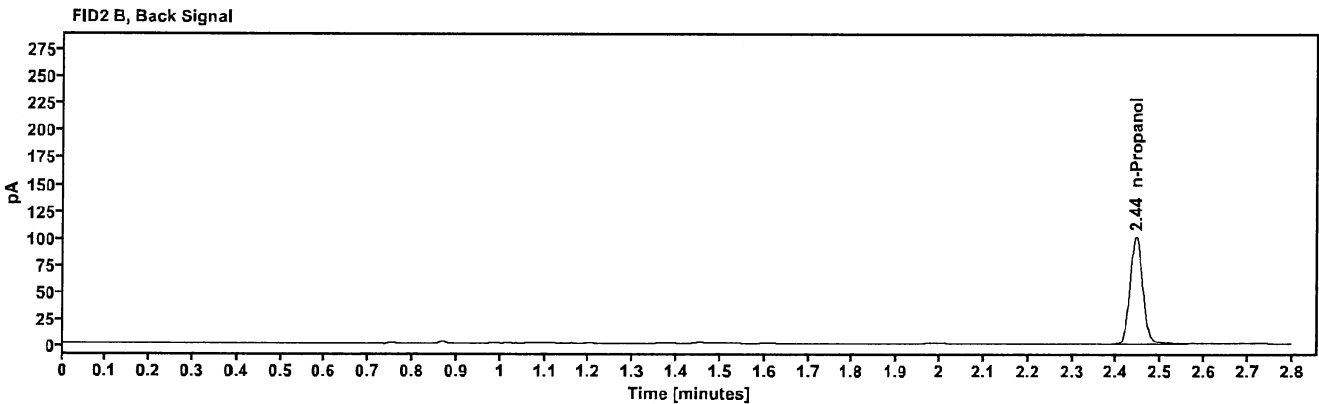
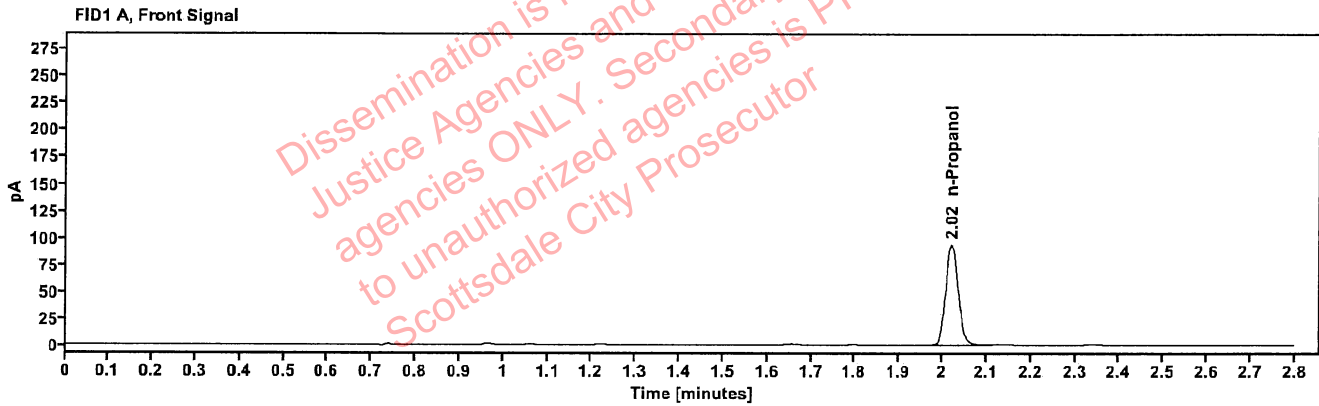


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.021	185.606

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

Compound	Time (min)	Peak Area
n-Propanol	2.443	201.434

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01B.U.	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 9:36:23 PM
Data file:	C:\Chem32\1\Data\21May24\48.D	Analyst:	Brooke

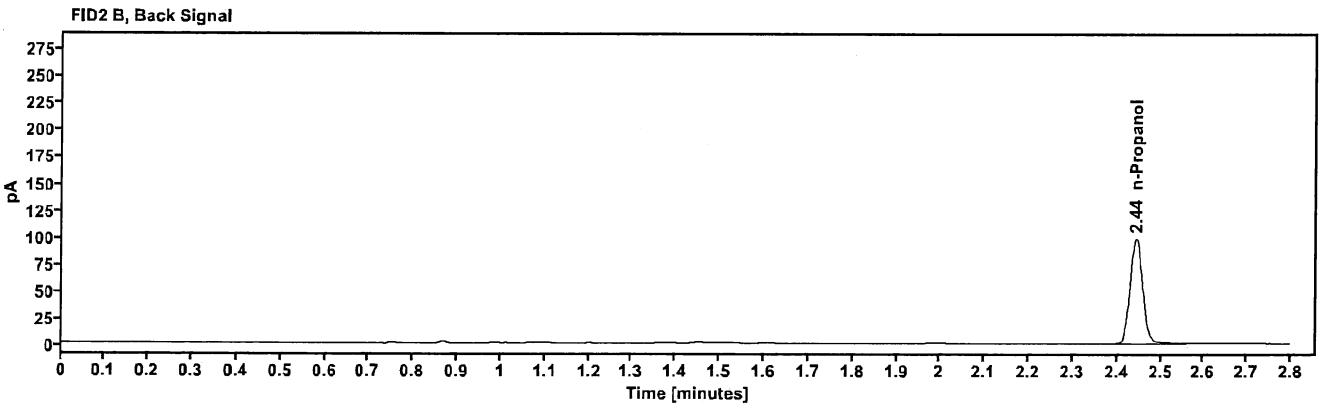
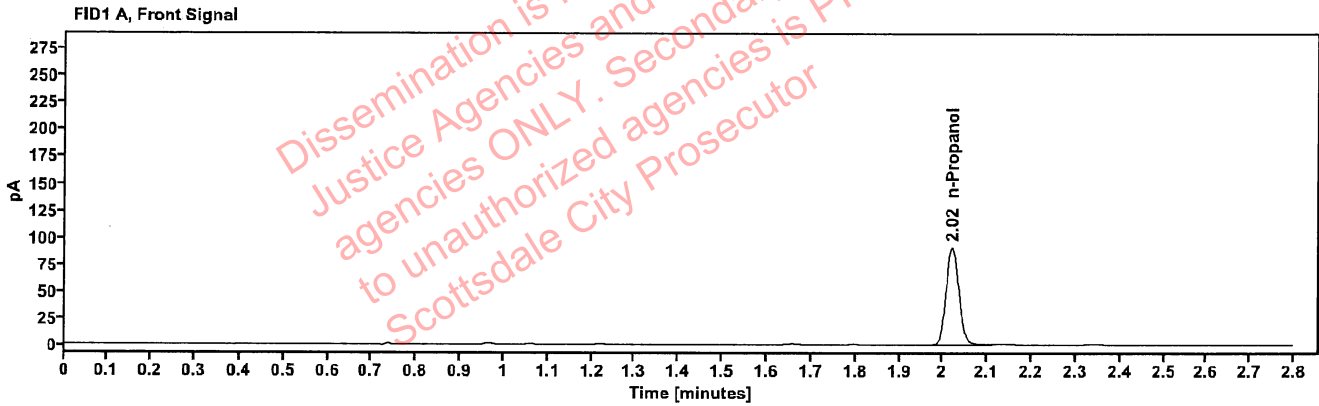


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.021	181.232

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

Compound	Time (min)	Peak Area
n-Propanol	2.443	196.660

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 437-01C.D.	<b>Vial:</b> 49
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:40:37 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\49.D	<b>Analyst:</b> Brooke

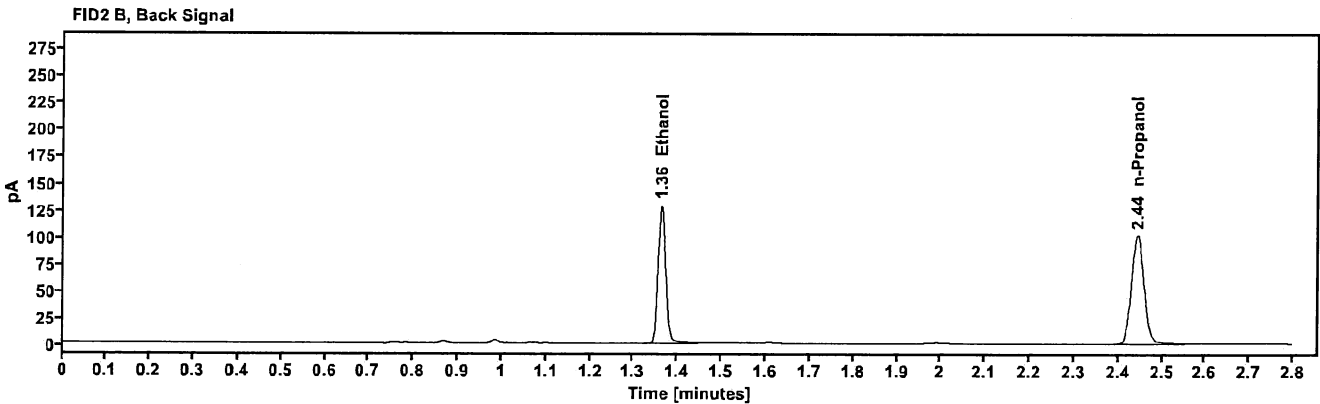
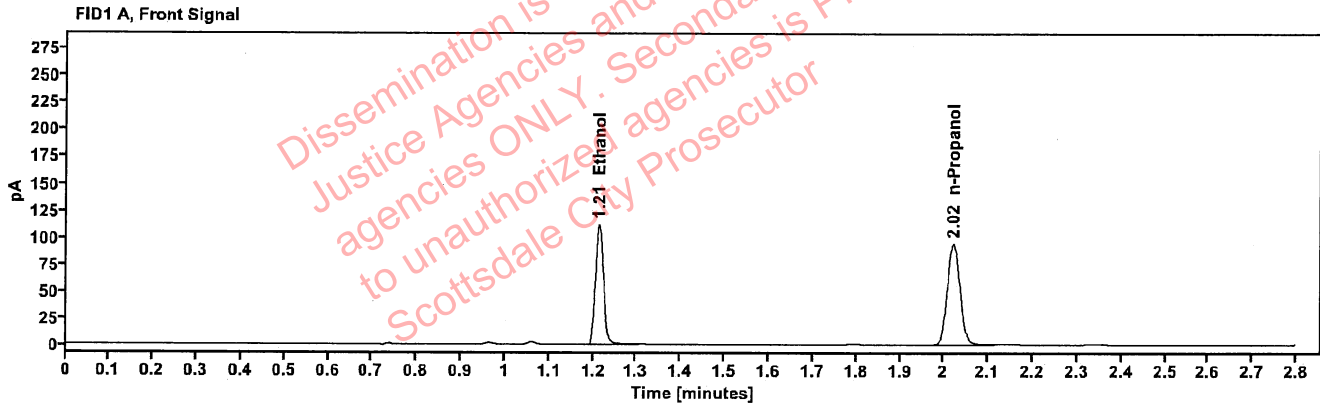


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2176	1.214	143.008
n-Propanol	---	2.021	187.370

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

Compound	Time (min)	Peak Area
Ethanol	1.363	156.713
n-Propanol	2.444	203.134

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 437-01C.D.	<b>Vial:</b> 50
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:44:37 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\50.D	<b>Analyst:</b> Brooke

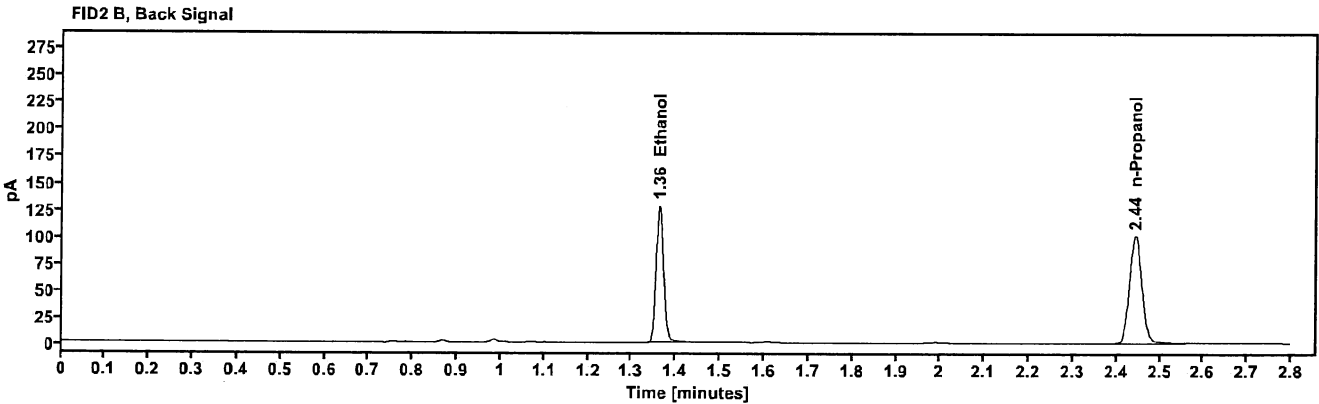
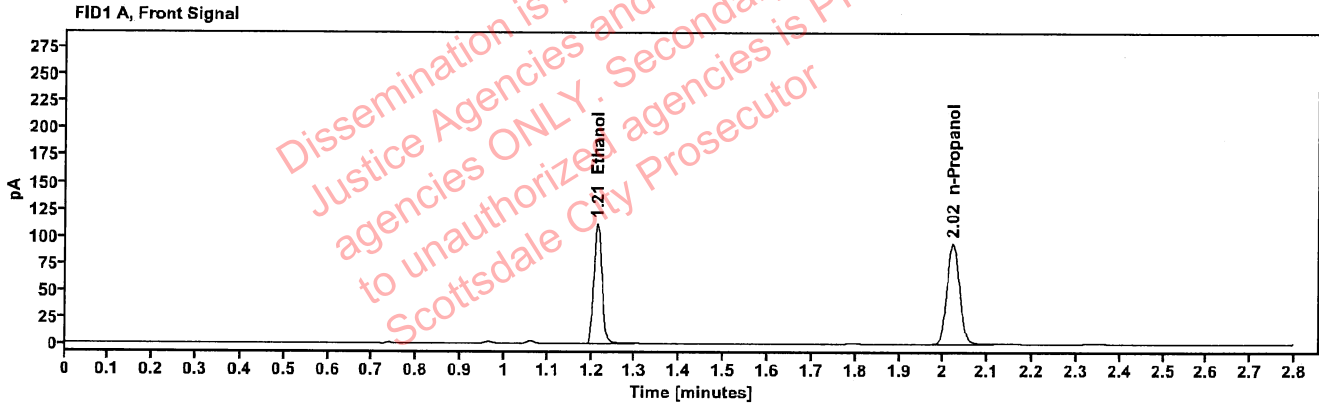


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2177	1.213	142.593
n-Propanol	---	2.021	186.756

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

Compound	Time (min)	Peak Area
Ethanol	1.362	156.523
n-Propanol	2.443	202.660

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2319798-1	Vial:	51
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21May24
Instrument:	US14173023 CN14160045	Injection date:	5/21/2024 9:48:37 PM
Data file:	C:\Chem32\1\Data\21May24\51.D	Analyst:	Brooke

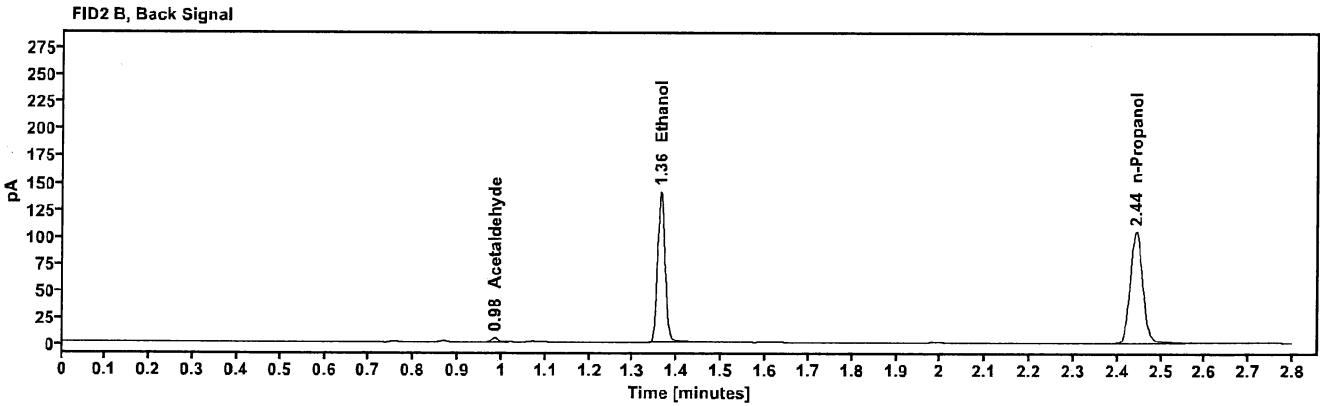
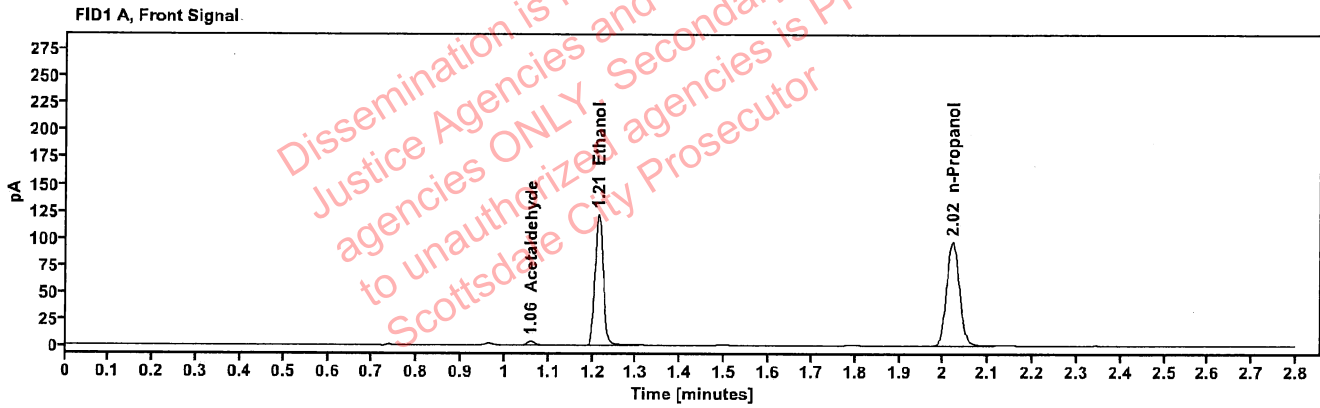


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.058	3.918
>Ethanol	0.2304	1.213	156.008
n-Propanol	-----	2.020	193.022

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.418
Ethanol	1.362	170.915
n-Propanol	2.443	208.845

## Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2319798-1	<b>Vial:</b> 52
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21May24
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 5/21/2024 9:52:39 PM
<b>Data file:</b> C:\Chem32\1\Data\21May24\52.D	<b>Analyst:</b> Brooke

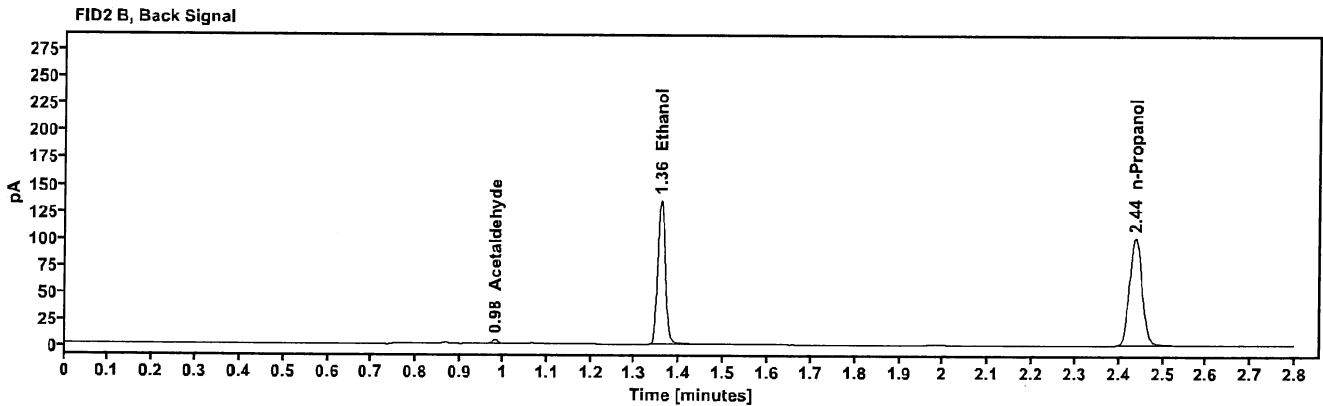
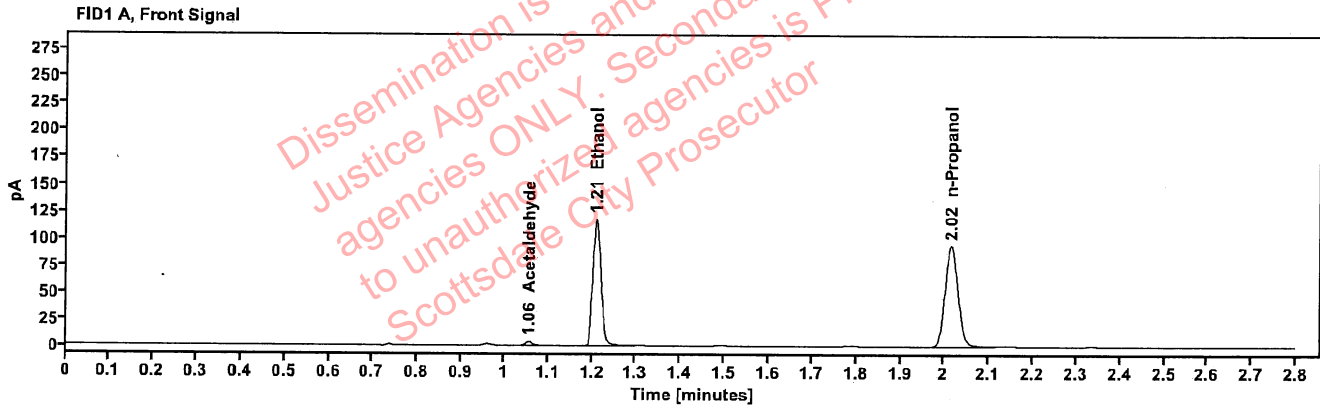


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.817
>Ethanol	0.2274	1.210	149.280
n-Propanol	-----	2.015	187.104

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	4.320
Ethanol	1.358	163.203
n-Propanol	2.437	202.159