

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 7/15/22 SEQUENCE NAME 15Jul22

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99988
 Vial 3 0.20 calibrator Lot FN02052101
 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 070622AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/8
42	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
51	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 11092018-A
52	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
53	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/8
54	Blank	Not detected	Not detected	SPD lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Chris B... Analyst
 Run valid Run invalid Erika Canonico Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

MB

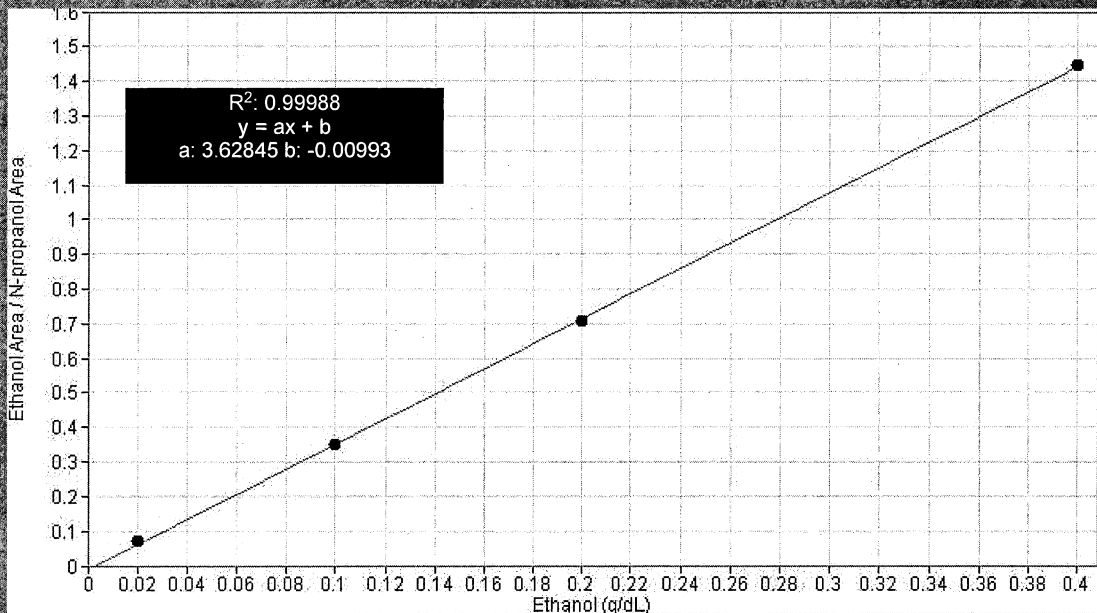
SEQUENCE NAME: 15Jul22

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 070622AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.042	0.040	5.00	0.002
0.199 4110320133/8	9	0.203	0.199	2.01	0.004
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.199 4110320133/8	31	0.204	0.199	2.51	0.005
0.080 20012020-B	42	0.081	0.080	1.25	0.001
0.400 11092018-A	51	0.400	0.400	0.00	0.000
0.040 14082019-B	52	0.042	0.040	5.00	0.002
0.199 4110320133/8	53	0.201	0.199	1.01	0.002
blank 101921WB	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.236	161.614	0.070
0.100	56.793	162.966	0.349
0.200	116.983	164.930	0.709
0.400	239.633	165.785	1.445

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	FN10051909	Vial:	1
Description:	0.020 calibrator	Sequence:	15Jul22
Method:	ethanol quant.M	Injection date:	7/15/2022 10:56:51 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\15Jul22\1.D		

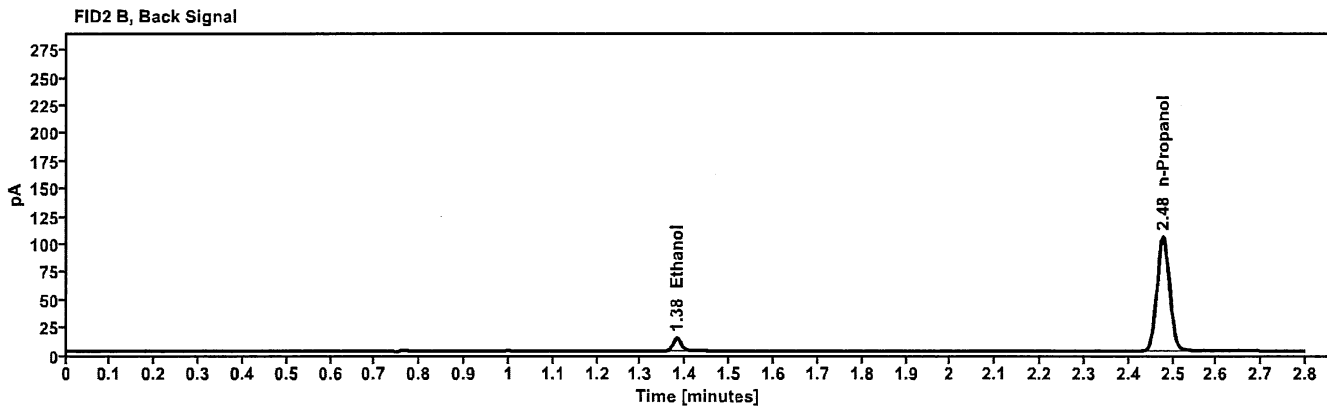
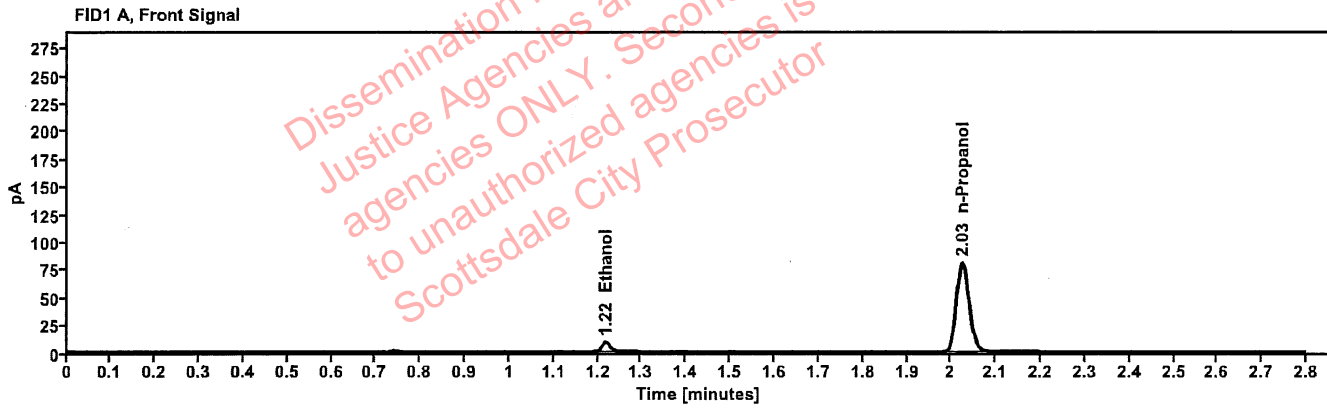


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	11.236
n-Propanol	2.026	161.614

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

Compound	Time (min)	Peak Area
Ethanol	1.380	14.410
n-Propanol	2.478	207.125

Scottsdale Police Department Crime Lab Volatiles Analysis

VB

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	15Jul22
Method:	ethanol quant.M	Injection date:	7/15/2022 11:00:51 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\15Jul22\2.D		

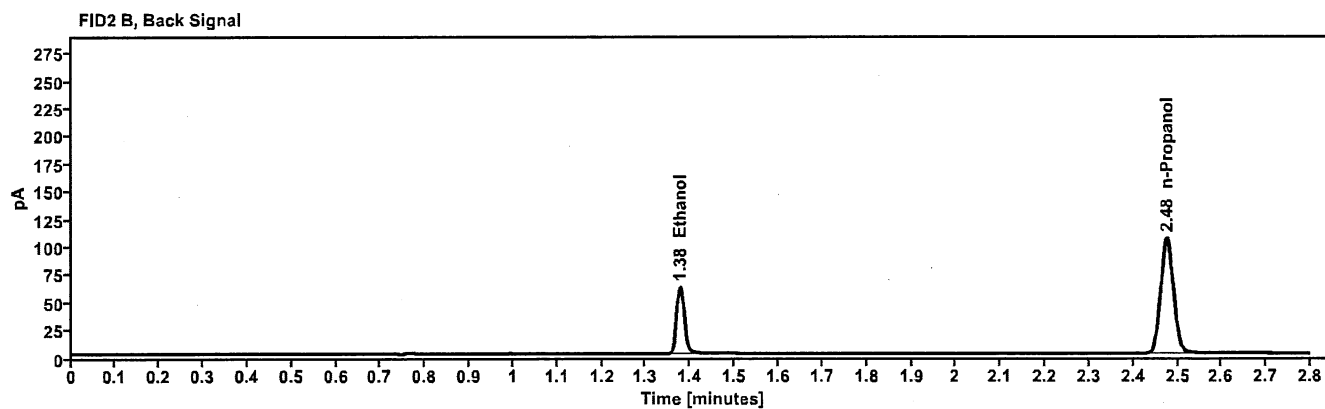
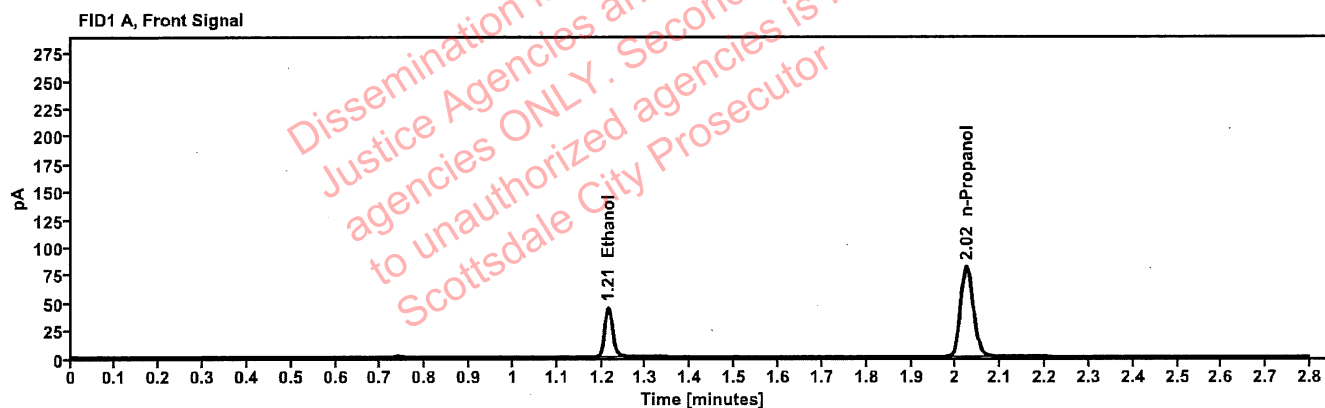


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	56.793
n-Propanol	2.024	162.966

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

Compound	Time (min)	Peak Area
Ethanol	1.377	73.036
n-Propanol	2.476	208.856

Scottsdale Police Department Crime Lab Volatiles Analysis

MB

Sample:	FN02052101	Vial:	3
Description:	0.200 calibrator	Sequence:	15Jul22
Method:	ethanol quant.M	Injection date:	7/15/2022 11:04:52 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\15Jul22\3.D		

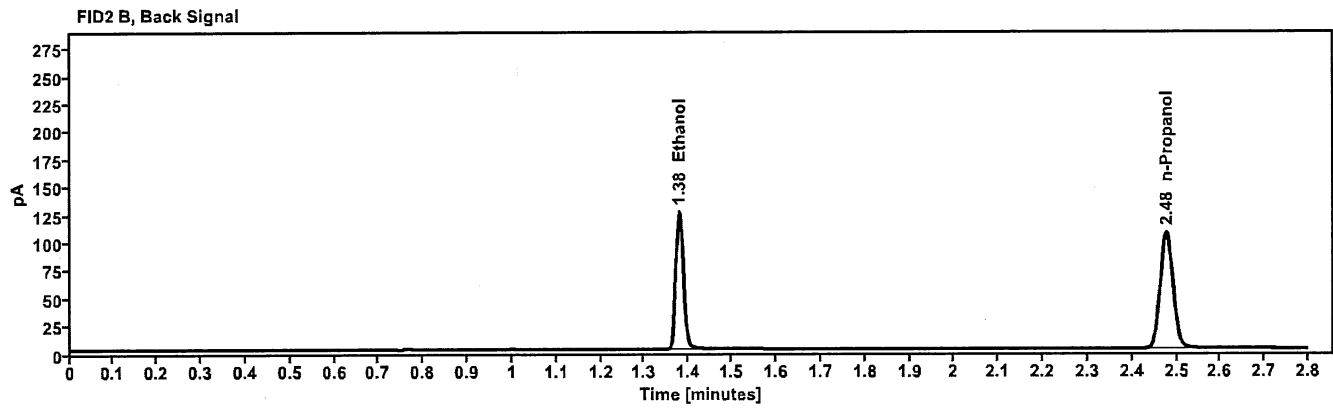
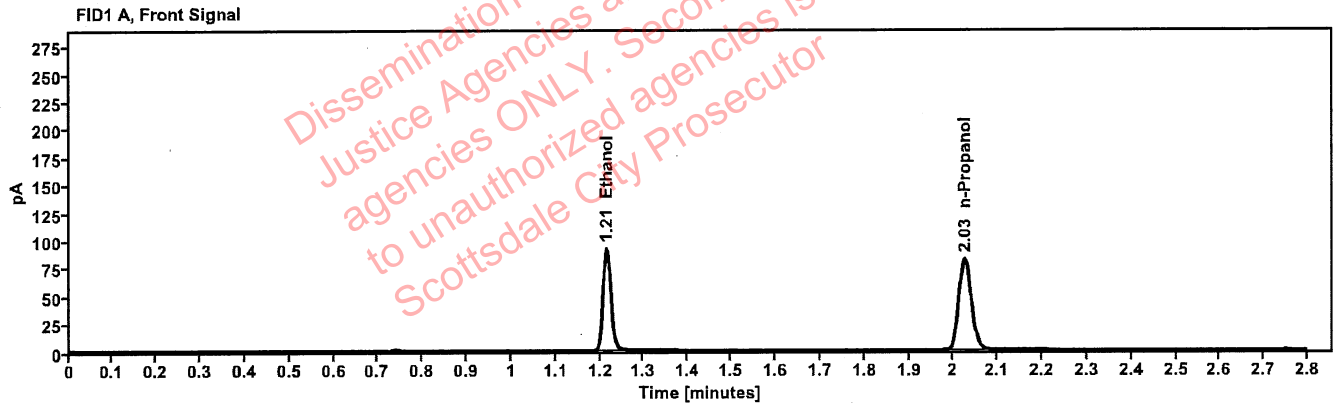


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	116.983
n-Propanol	2.026	164.930

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

Compound	Time (min)	Peak Area
Ethanol	1.378	150.328
n-Propanol	2.477	211.426

Scottsdale Police Department Crime Lab Volatiles Analysis

7/15

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	15Jul22
Method:	ethanol quant.M	Injection date:	7/15/2022 11:08:51 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\15Jul22\4.D		

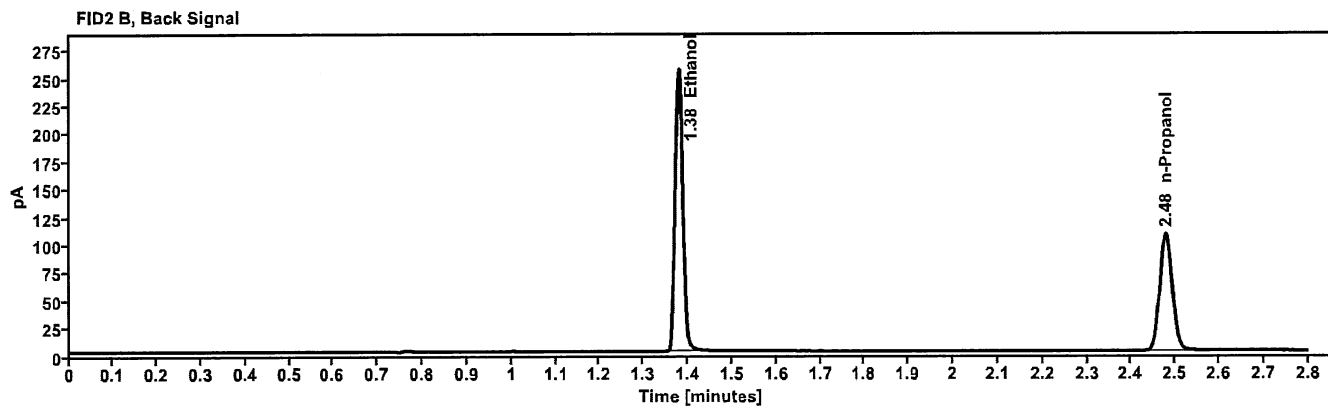
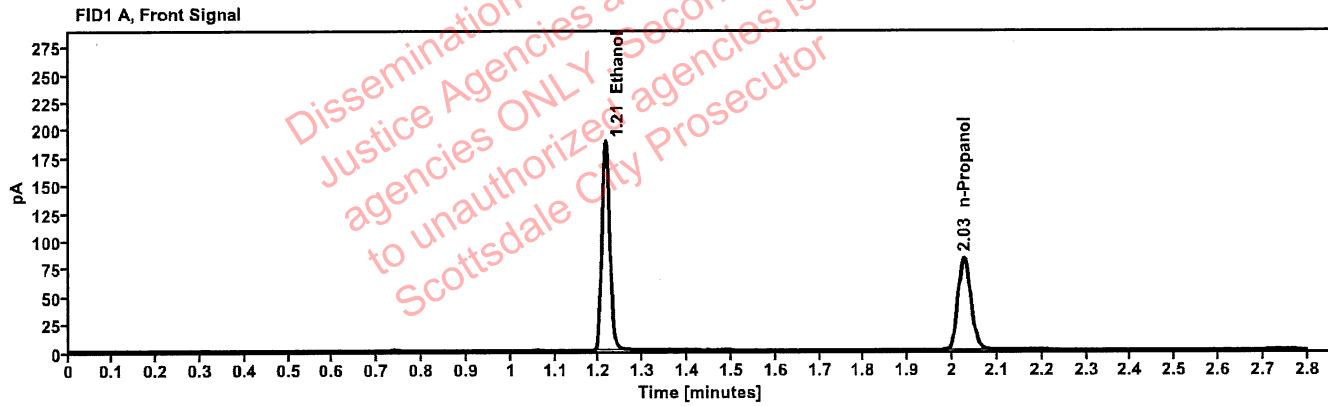


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	239.633
n-Propanol	2.026	165.785

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

Compound	Time (min)	Peak Area
Ethanol	1.379	308.065
n-Propanol	2.478	212.504

Scottsdale Police Department Crime Lab Volatiles Analysis

YAB

Sample:	070622AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:12:51 AM
Data file:	C:\Chem32\1\Data\15Jul22\5.D	Analyst:	Brooke

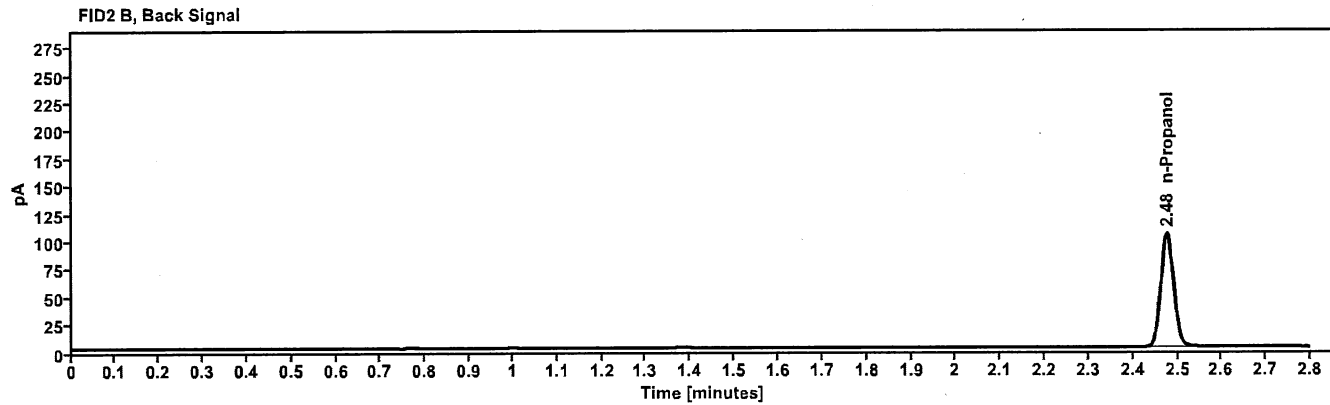
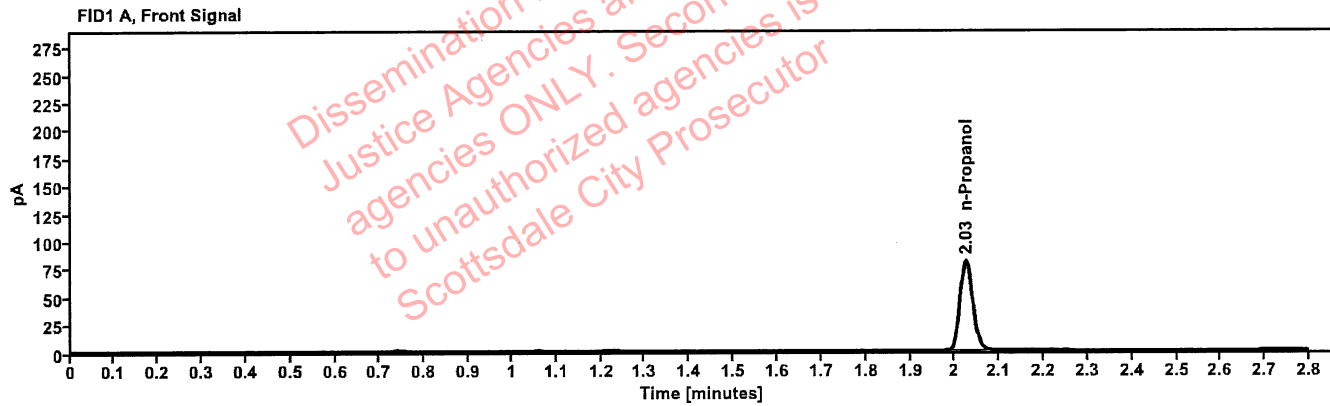


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.025	161.772

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

Compound	Time (min)	Peak Area
n-Propanol	2.477	207.399

Scottsdale Police Department Crime Lab Volatiles Analysis

yap

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:16:51 AM
Data file:	C:\Chem32\1\Data\15Jul22\6.D	Analyst:	Brooke

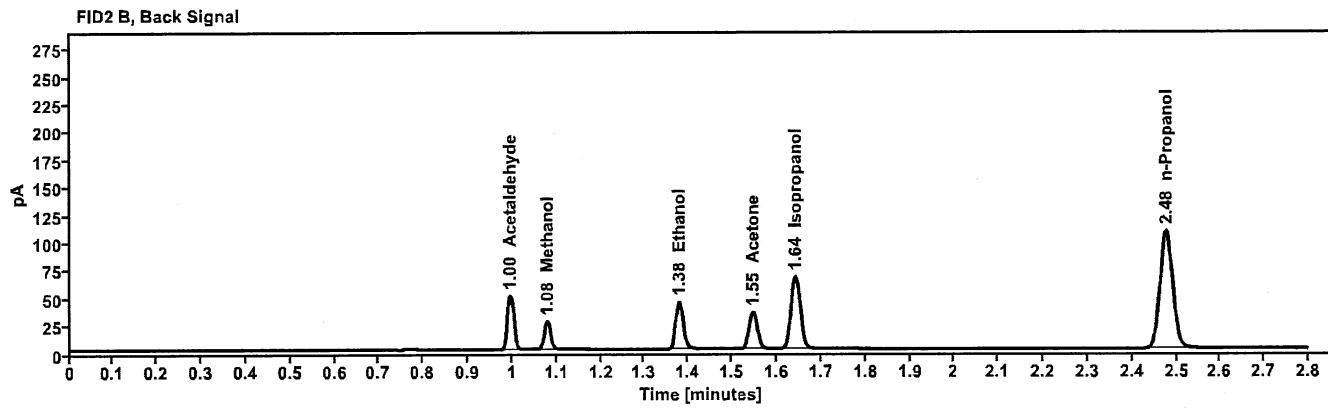
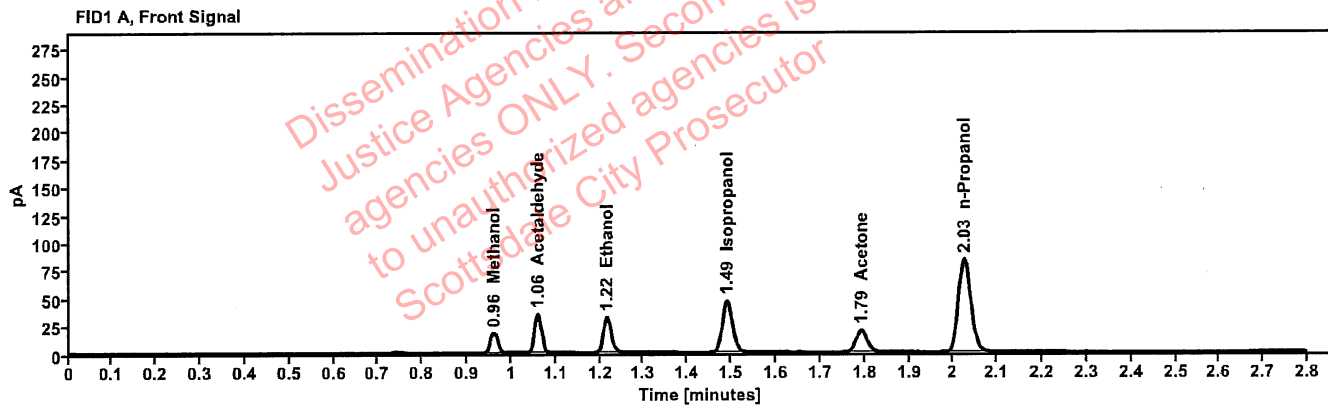


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.961	20.306
Acetaldehyde	-----	1.059	38.551
>Ethanol	0.0701	1.216	40.886
Isopropanol	-----	1.490	75.103
Acetone	-----	1.793	34.410
n-Propanol	-----	2.025	167.323

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	50.121
Methanol	1.079	26.600
Ethanol	1.379	52.433
Acetone	1.547	43.849
Isopropanol	1.642	97.632
n-Propanol	2.477	214.374

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:21:06 AM
Data file:	C:\Chem32\1\Data\15Jul22\7.D	Analyst:	Brooke

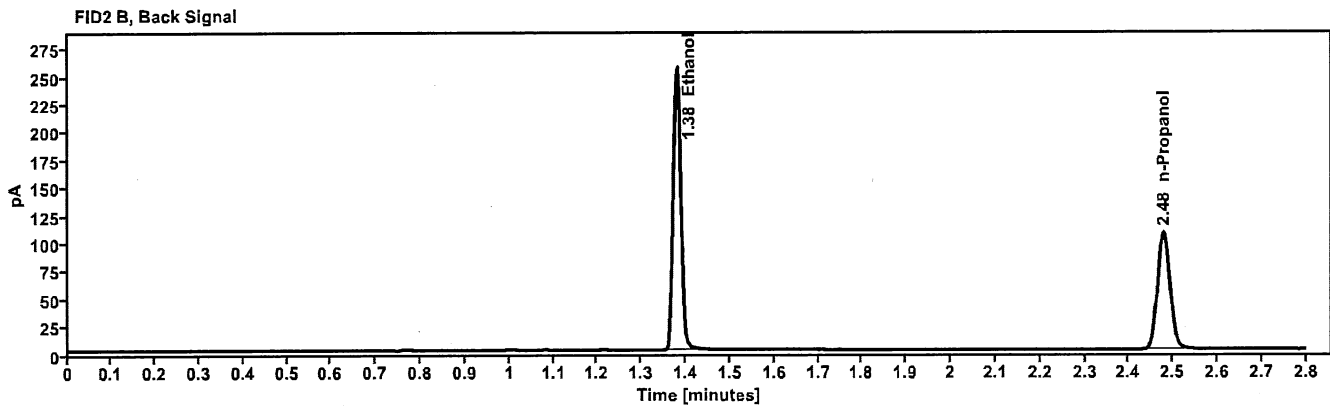
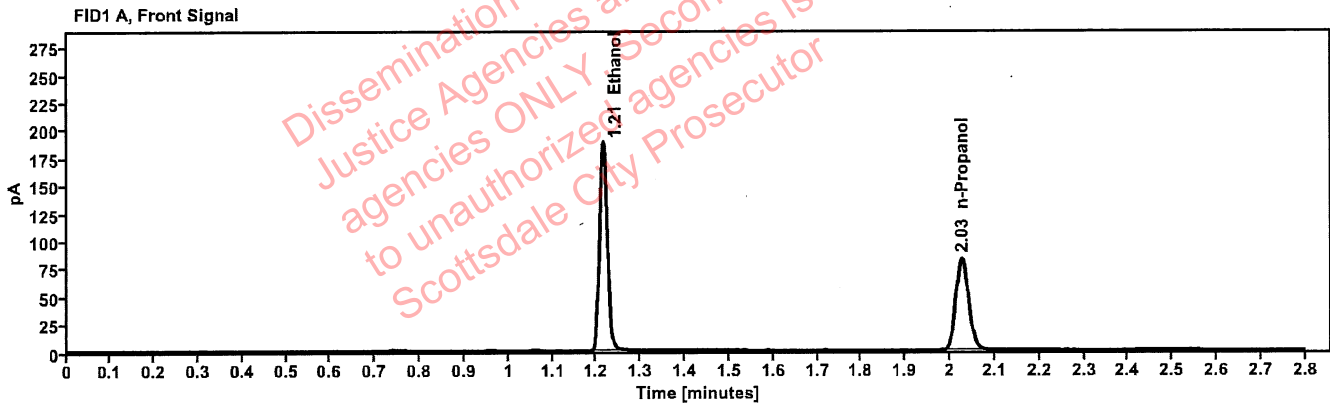


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4015	1.215	239.606
n-Propanol	-----	2.026	165.589

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

Compound	Time (min)	Peak Area
Ethanol	1.380	308.192
n-Propanol	2.479	212.042

Scottsdale Police Department Crime Lab Volatiles Analysis

yPB

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Jul22
Instrument: US14173023 CN14160045	Injection date: 7/15/2022 11:25:06 AM
Data file: C:\Chem32\1\Data\15Jul22\8.D	Analyst: Brooke

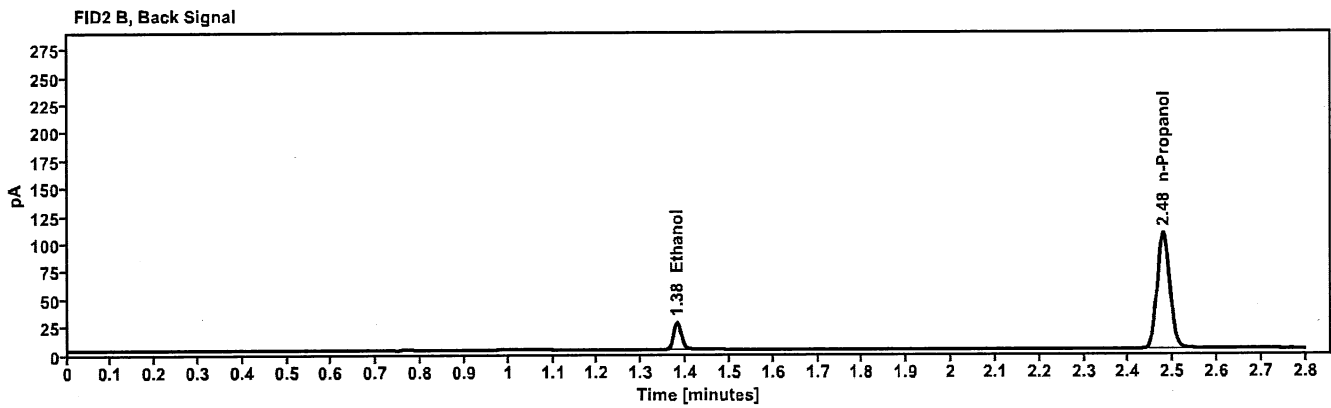
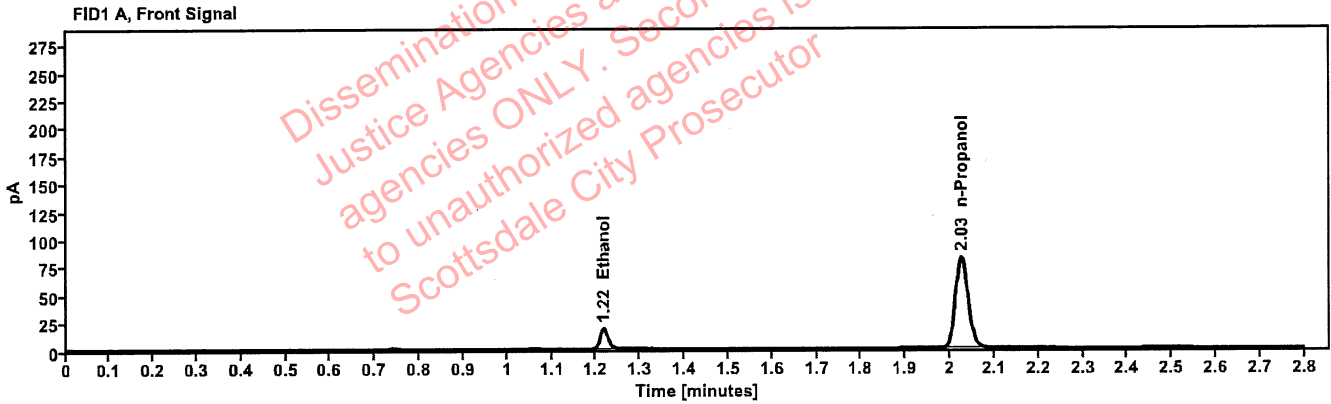


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0422	1.217	23.534
n-Propanol	-----	2.026	164.339

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

Compound	Time (min)	Peak Area
Ethanol	1.380	30.188
n-Propanol	2.478	210.482

Scottsdale Police Department Crime Lab Volatiles Analysis

188

Sample:	4110320133/8	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:29:06 AM
Data file:	C:\Chem32\1\Data\15Jul22\9.D	Analyst:	Brooke

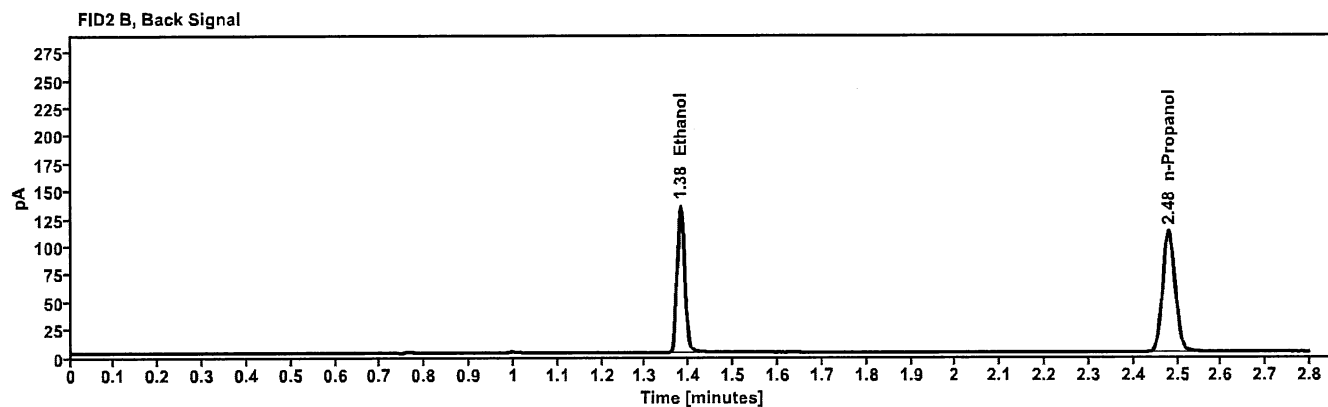
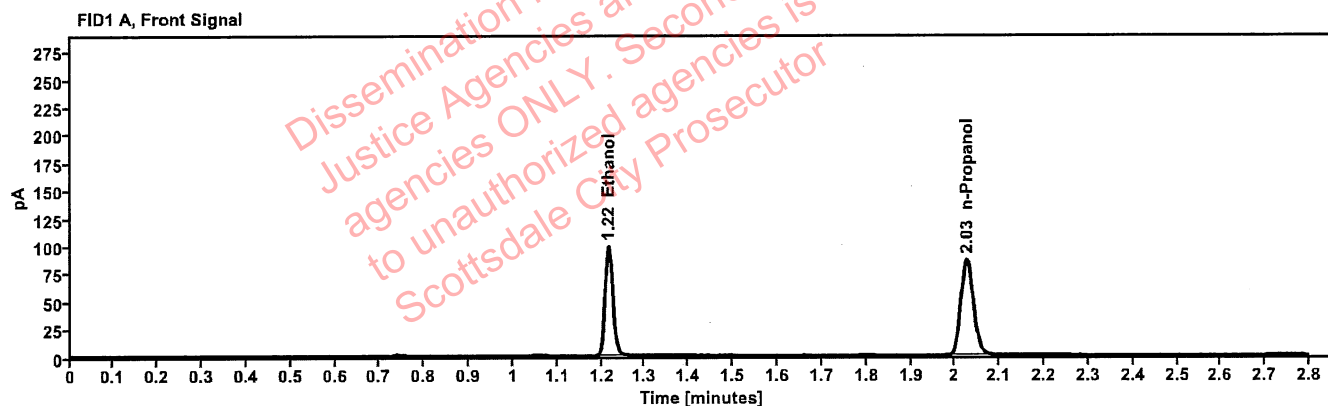


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.216	125.156
n-Propanol	-----	2.027	171.733

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

Compound	Time (min)	Peak Area
Ethanol	1.381	160.607
n-Propanol	2.480	220.076

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:13:36 PM
Data file:	C:\Chem32\1\Data\15Jul22\20.D	Analyst:	Brooke

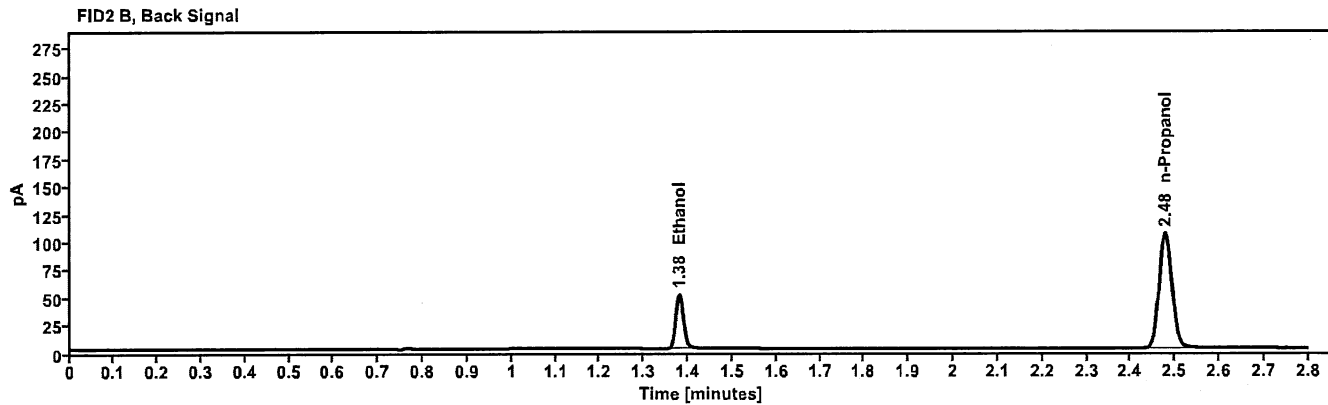
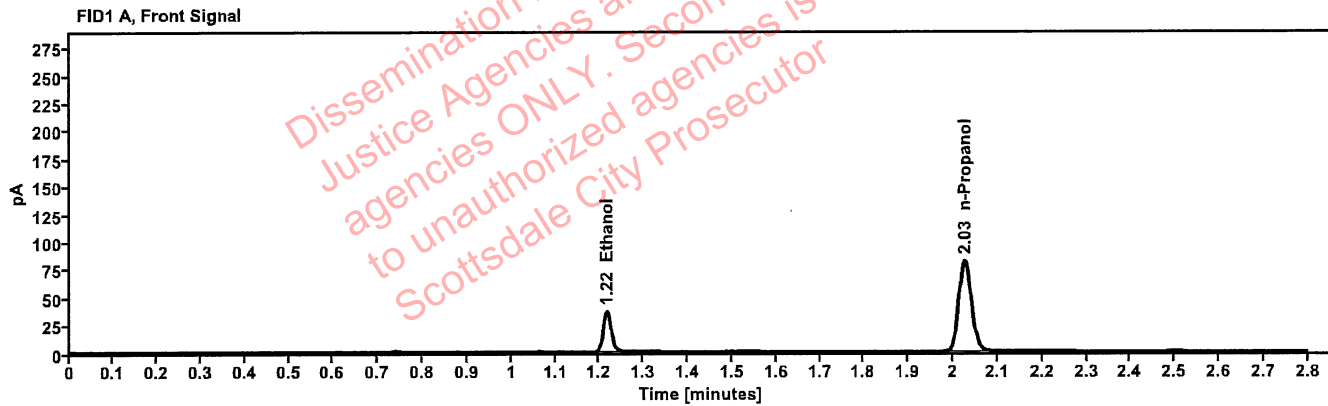


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.216	46.631
n-Propanol	-----	2.026	164.042

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

Compound	Time (min)	Peak Area
Ethanol	1.380	59.851
n-Propanol	2.478	210.157

Scottsdale Police Department Crime Lab Volatiles Analysis

YB

Sample:	4110320133/8	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:58:06 PM
Data file:	C:\Chem32\1\Data\15Jul22\31.D	Analyst:	Brooke

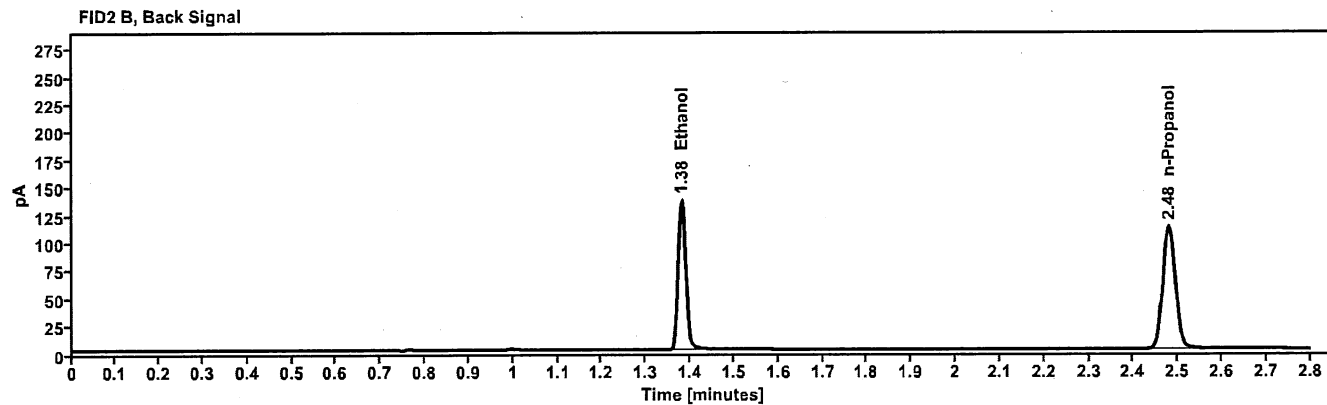
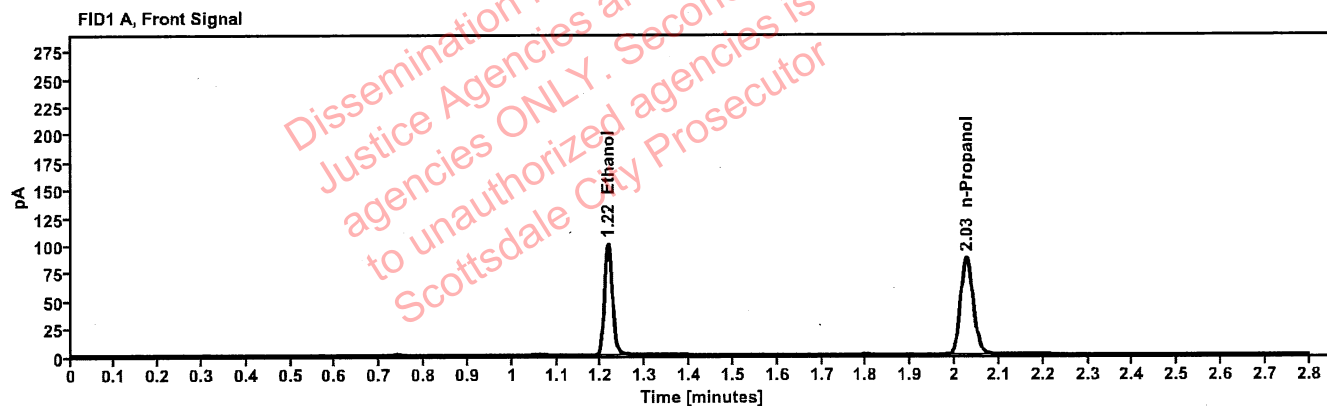


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2046	1.216	127.466
n-Propanol	-----	2.026	174.063

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

Compound	Time (min)	Peak Area
Ethanol	1.380	163.562
n-Propanol	2.479	222.713

Scottsdale Police Department Crime Lab Volatiles Analysis

AB

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:42:21 PM
Data file:	C:\Chem32\1\Data\15Jul22\42.D	Analyst:	Brooke

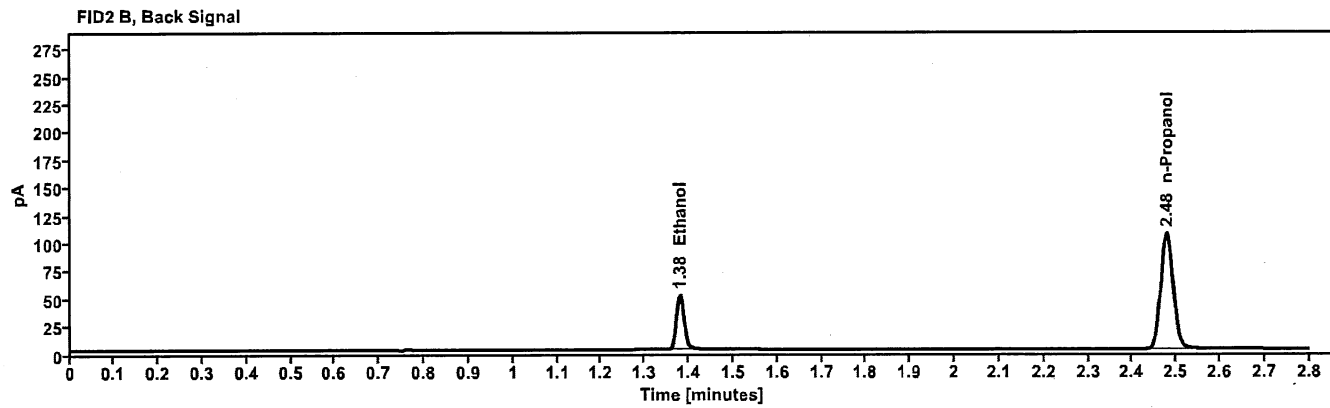
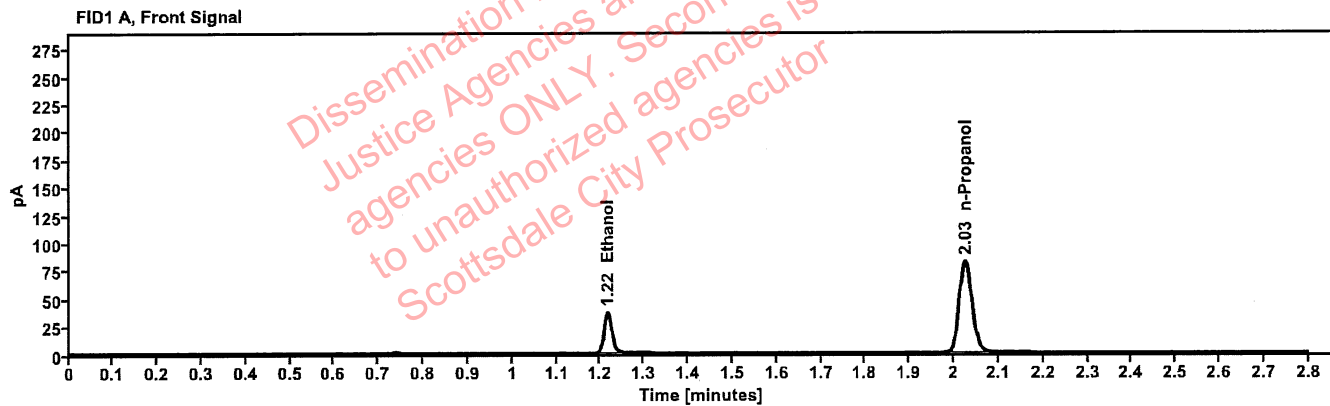


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.216	46.939
n-Propanol	-----	2.026	165.044

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

Compound	Time (min)	Peak Area
Ethanol	1.380	60.198
n-Propanol	2.478	211.192

Scottsdale Police Department Crime Lab Volatiles Analysis

MB

Sample: 11092018-A	Vial: 51
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Jul22
Instrument: US14173023 CN14160045	Injection date: 7/15/2022 2:18:51 PM
Data file: C:\Chem32\1\Data\15Jul22\51.D	Analyst: Brooke

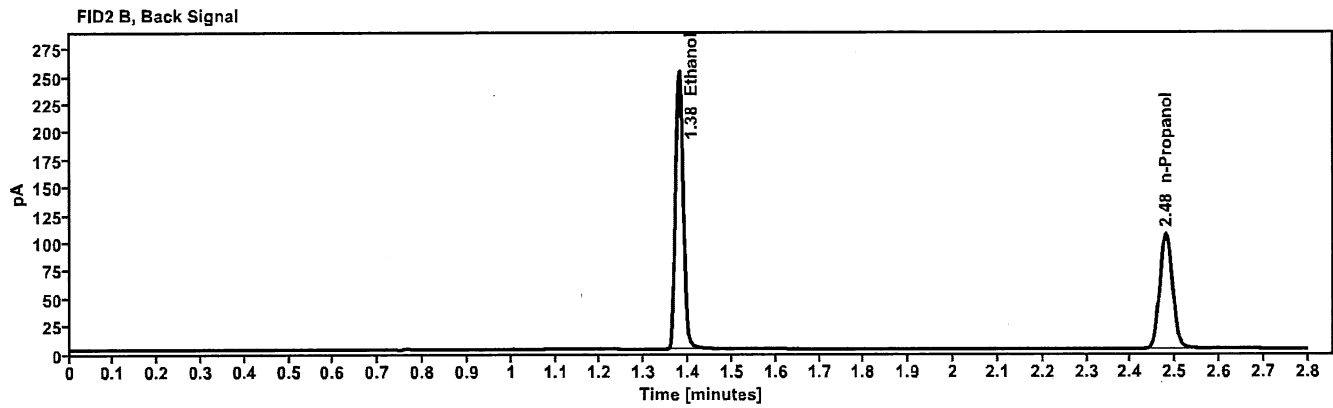
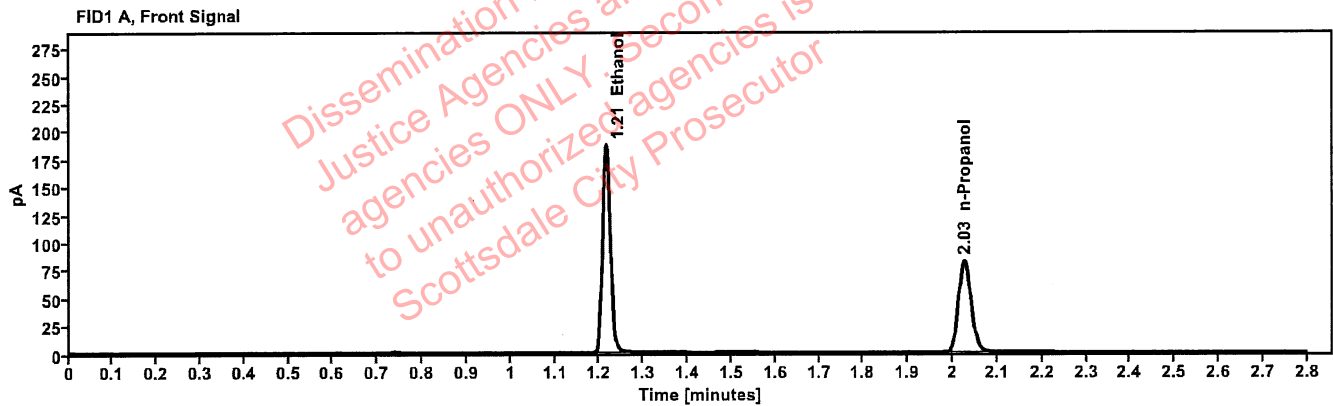


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4008	1.215	237.303
n-Propanol	-----	2.026	164.305

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

Compound	Time (min)	Peak Area
Ethanol	1.379	305.149
n-Propanol	2.479	210.351

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample:	14082019-B	Vial:	52
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 2:22:51 PM
Data file:	C:\Chem32\1\Data\15Jul22\52.D	Analyst:	Brooke

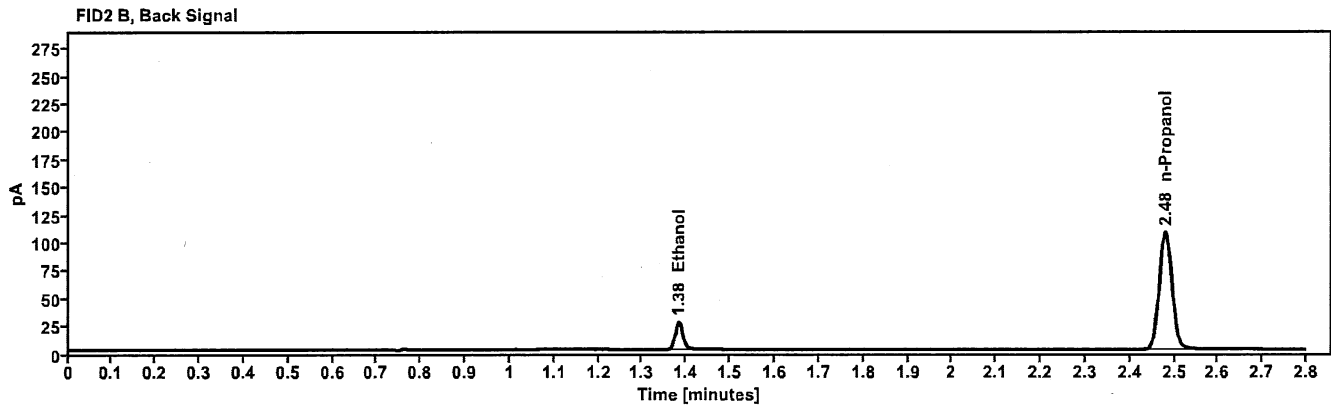
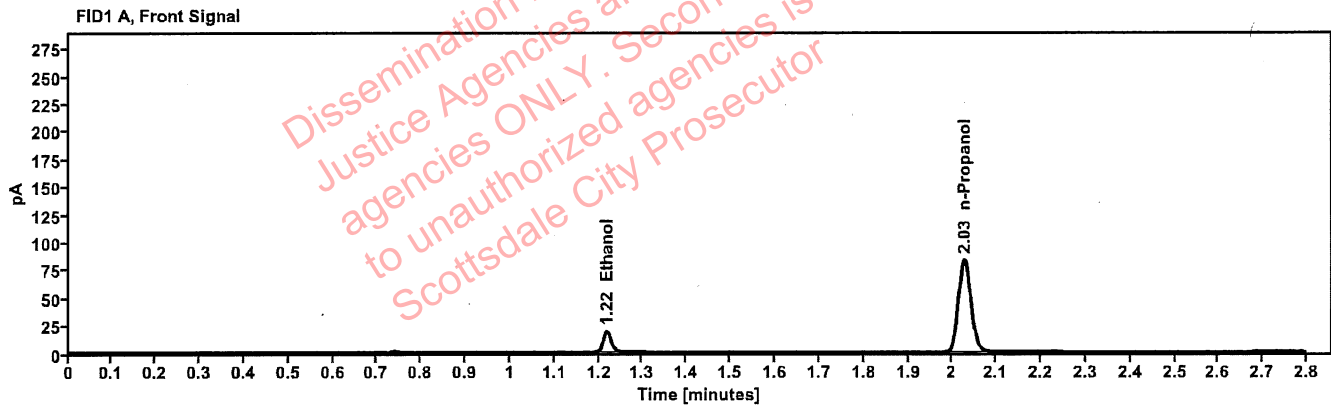


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0424	1.218	24.001
n-Propanol	-----	2.027	166.578

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

Compound	Time (min)	Peak Area
Ethanol	1.382	30.687
n-Propanol	2.480	213.378

Scottsdale Police Department Crime Lab Volatiles Analysis

VRB

Sample: 4110320133/8	Vial: 53
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Jul22
Instrument: US14173023 CN14160045	Injection date: 7/15/2022 2:26:52 PM
Data file: C:\Chem32\1\Data\15Jul22\53.D	Analyst: Brooke

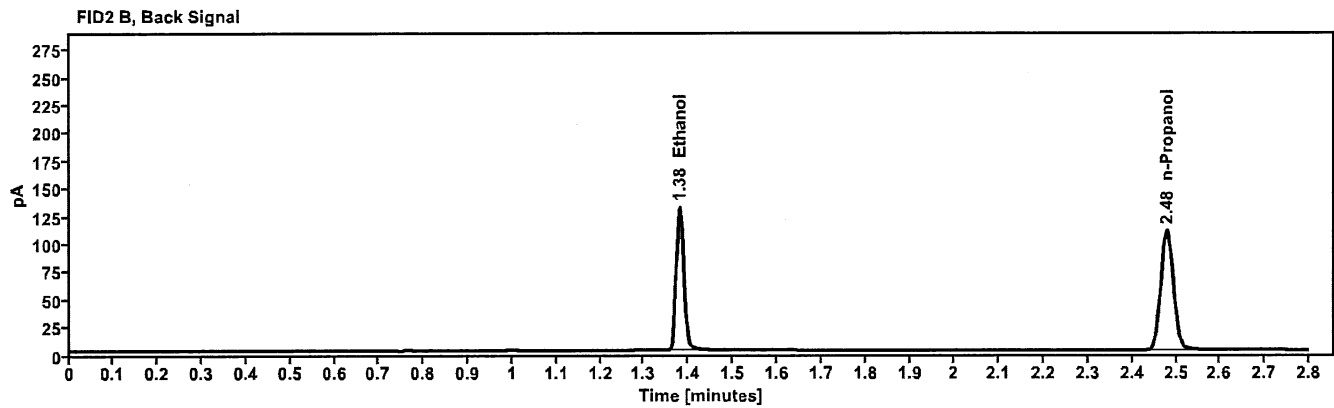
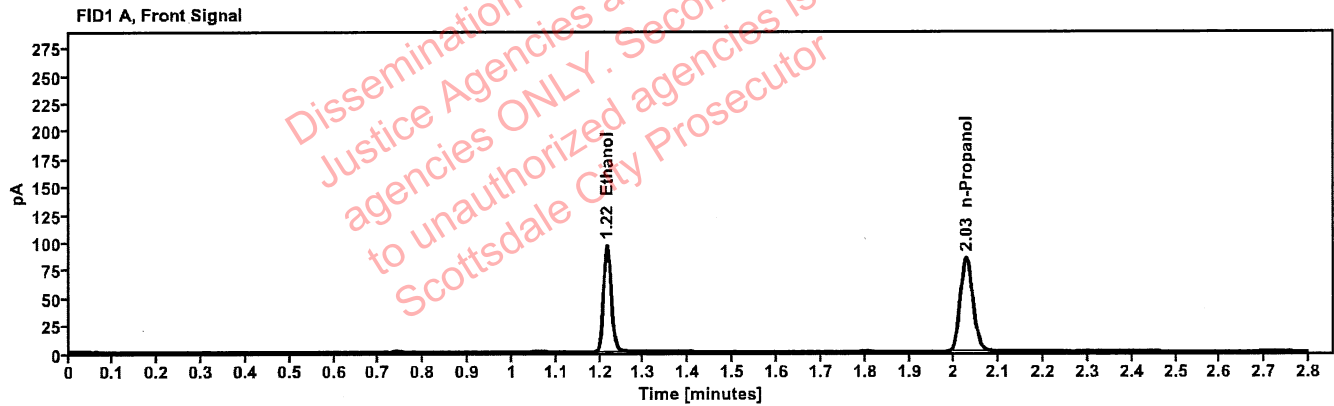


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.216	122.464
n-Propanol	---	2.027	170.015

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

Compound	Time (min)	Peak Area
Ethanol	1.380	156.995
n-Propanol	2.479	217.617

Scottsdale Police Department Crime Lab Volatiles Analysis

JB

Sample:	101921WB	Vial:	54
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 2:30:52 PM
Data file:	C:\Chem32\1\Data\15Jul22\54.D	Analyst:	Brooke

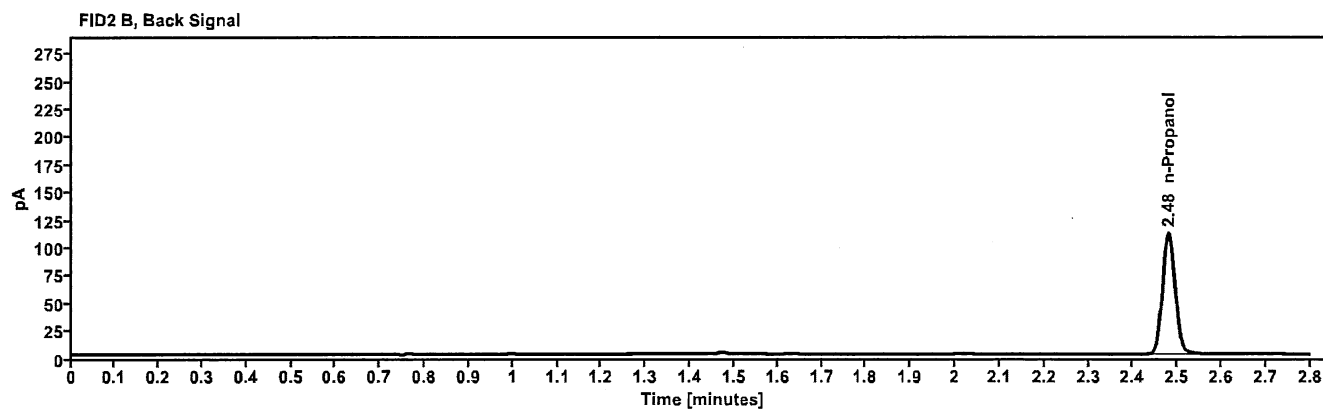
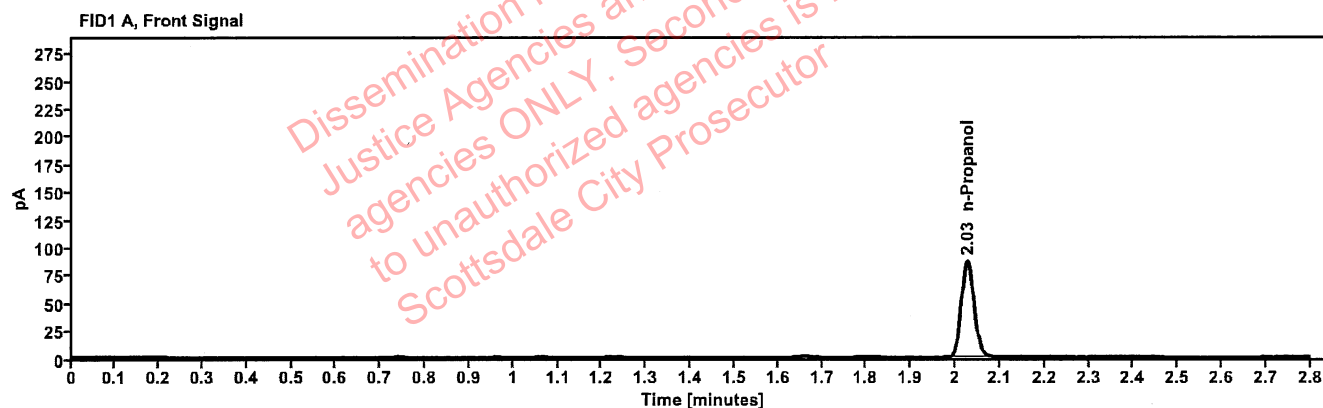


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.027	172.719

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

Compound	Time (min)	Peak Area
n-Propanol	2.480	221.608

Sequence Summary

Sequence name: 15Jul22 Instrument: US14173023 CN14160045 Analyst: Brooke

JPB

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	070622AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	1428518		Sample		ethanol quant.M
11	1428518		Sample		ethanol quant.M
12	1428541		Sample		ethanol quant.M
13	1428541		Sample		ethanol quant.M
14	1428435		Sample		ethanol quant.M
15	1428435		Sample		ethanol quant.M
16	38301CS		Sample		ethanol quant.M
17	38301CS		Sample		ethanol quant.M
18	36301JZ		Sample		ethanol quant.M
19	36301JZ		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	40501TL		Sample		ethanol quant.M
22	40501TL		Sample		ethanol quant.M
23	40801NS		Sample		ethanol quant.M
24	40801NS		Sample		ethanol quant.M
25	32701DD		Sample		ethanol quant.M
26	32701DD		Sample		ethanol quant.M
27	32701CS		Sample		ethanol quant.M
28	32701CS		Sample		ethanol quant.M
29	1425376		Sample		ethanol quant.M
30	1425376		Sample		ethanol quant.M
31	4110320133/8	0.199	Control		ethanol quant.M
32	1428876		Sample		ethanol quant.M
33	1428876		Sample		ethanol quant.M
34	1428644		Sample		ethanol quant.M
35	1428644		Sample		ethanol quant.M
36	1429379		Sample		ethanol quant.M
37	1429379		Sample		ethanol quant.M
38	1429478		Sample		ethanol quant.M
39	1429478		Sample		ethanol quant.M
40	1429550		Sample		ethanol quant.M
41	1429550		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	1429594		Sample		ethanol quant.M
44	1429594		Sample		ethanol quant.M
45	1429573		Sample		ethanol quant.M
46	1429573		Sample		ethanol quant.M
47	1429576		Sample		ethanol quant.M

Sequence Summary

48	1429576		Sample		ethanol quant.M
49	1430201		Sample		ethanol quant.M
50	1430201		Sample		ethanol quant.M
51	11092018-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4110320133/8	0.199	Control		ethanol quant.M
54	101921WB	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

103

SEQUENCE NAME: 15Jul22

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1239	0.1222	0.12305	0.69	0.00085
12 13	0.2410	0.2393	0.24015	0.35	0.00085
14 15	0.1538	0.1543	0.15405	0.16	0.00025
16 17	0.1808	0.1800	0.18040	0.22	0.00040
18 19	0.1518	0.1509	0.15135	0.30	0.00045
21 22	0.1191	0.1194	0.11925	0.13	0.00015
23 24	0.0000	0.0000	0.00000	0.00	0.00000
25 26	0.1310	0.1315	0.13125	0.19	0.00025
27 28	0.0918	0.0906	0.09120	0.66	0.00060
29 30	0.1071	0.1057	0.10640	0.66	0.00070
32 33	0.0801	0.0808	0.08045	0.44	0.00035
34 35	0.1851	0.1839	0.18450	0.33	0.00060
36 37	0.1191	0.1188	0.11895	0.13	0.00015
38 39	0.1776	0.1751	0.17635	0.71	0.00125
40 41	0.2837	0.2832	0.28345	0.09	0.00025
43 44	0.1408	0.1390	0.13990	0.64	0.00090
45 46	0.1373	0.1365	0.13690	0.29	0.00040
47 48	0.1664	0.1648	0.16560	0.48	0.00080
49 50	0.1094	0.1090	0.10920	0.18	0.00020

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428518	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:33:06 AM
Data file:	C:\Chem32\1\Data\15Jul22\10.D	Analyst:	Brooke

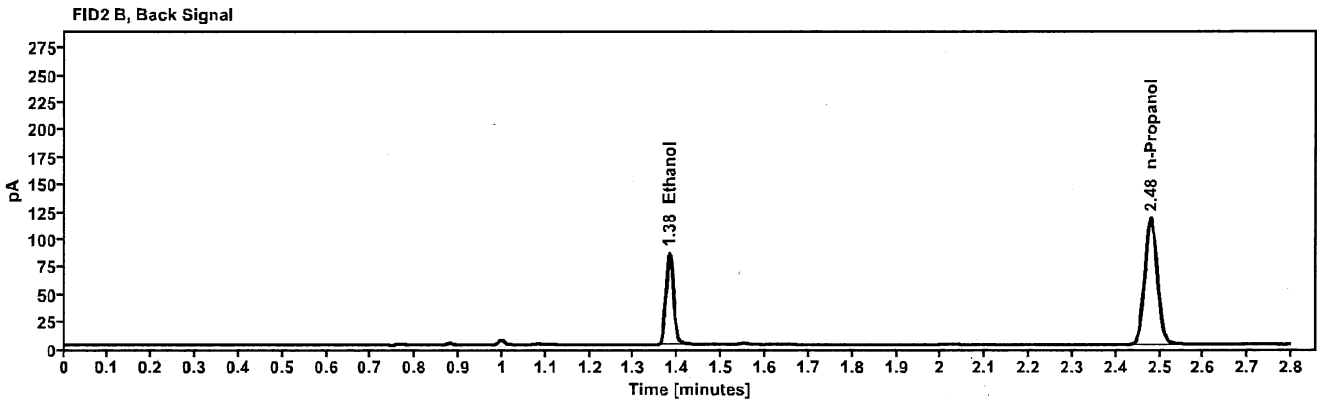
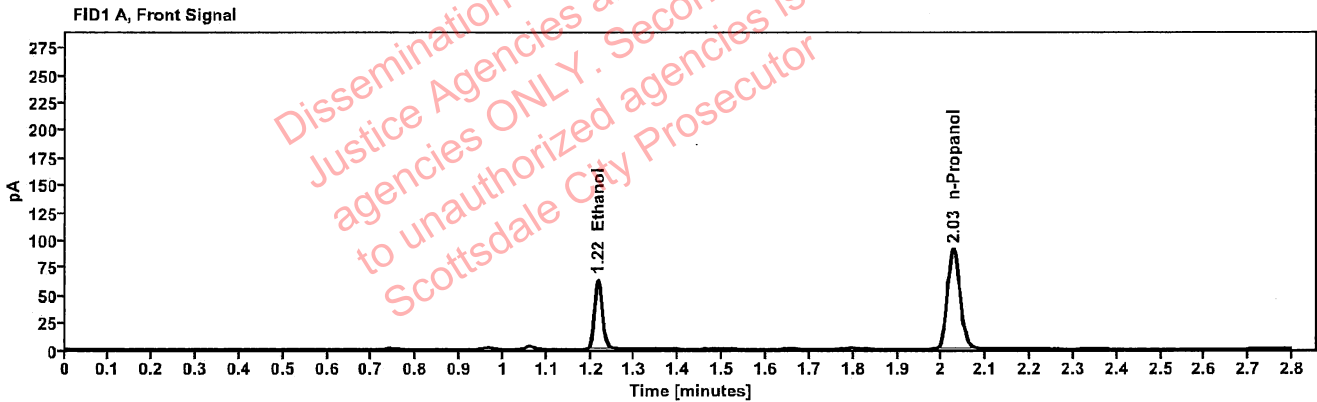


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1239	1.216	79.822
n-Propanol	-----	2.027	181.542

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

Compound	Time (min)	Peak Area
Ethanol	1.381	102.155
n-Propanol	2.479	232.611

[REDACTED]: Brooke, Phillip - (18-Jul-2022)

Case: [REDACTED] User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428518	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:37:06 AM
Data file:	C:\Chem32\1\Data\15Jul22\11.D	Analyst:	Brooke

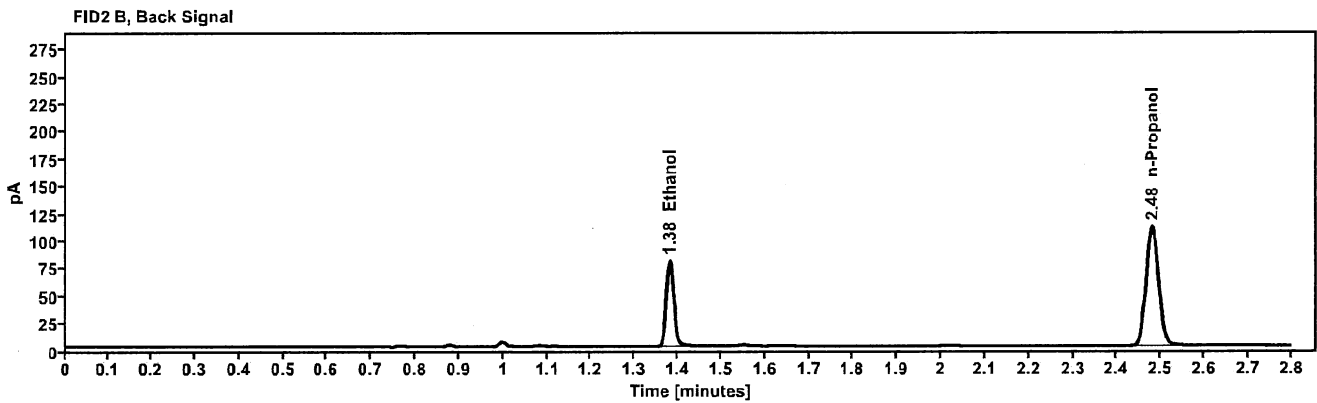
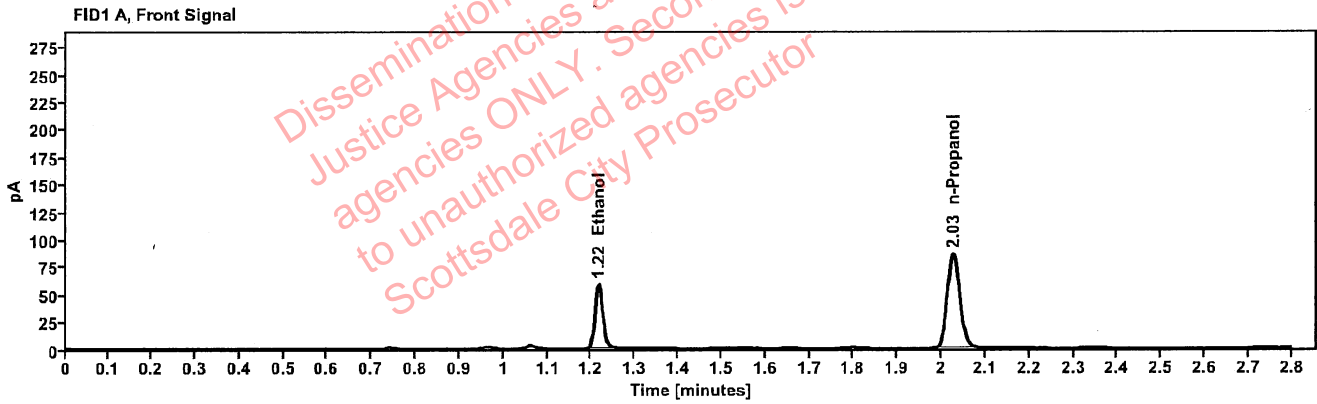


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1222	1.217	74.207
n-Propanol	-----	2.027	171.129

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

Compound	Time (min)	Peak Area
Ethanol	1.381	95.133
n-Propanol	2.480	219.245

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428541	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:41:06 AM
Data file:	C:\Chem32\1\Data\15Jul22\12.D	Analyst:	Brooke

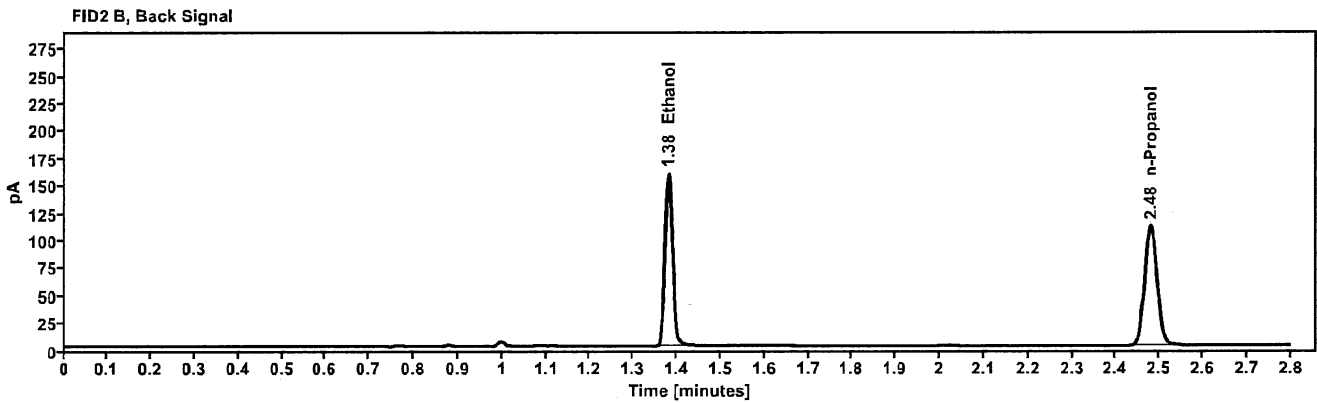
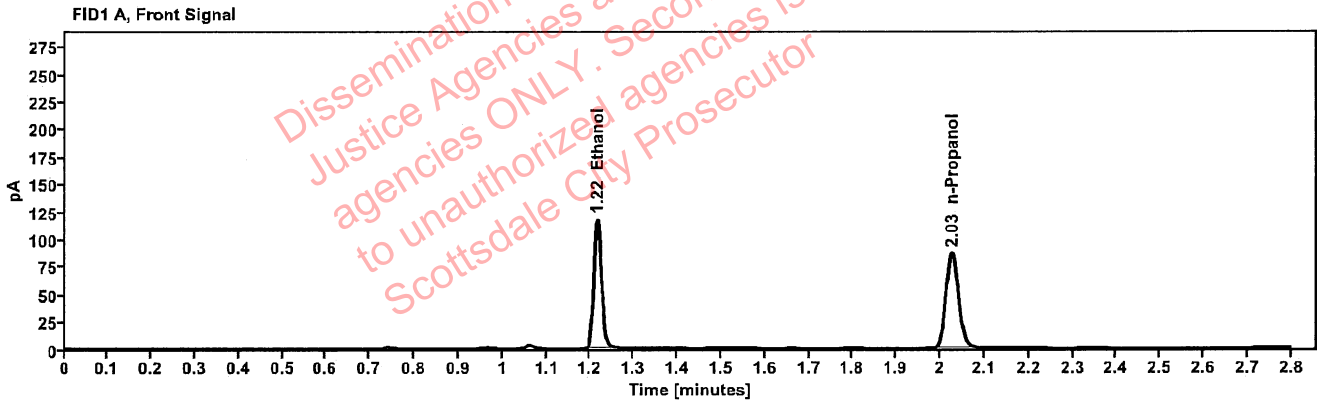


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2410	1.216	148.776
n-Propanol	-----	2.027	172.084

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

Compound	Time (min)	Peak Area
Ethanol	1.380	190.893
n-Propanol	2.479	220.353

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428541	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:45:21 AM
Data file:	C:\Chem32\1\Data\15Jul22\13.D	Analyst:	Brooke

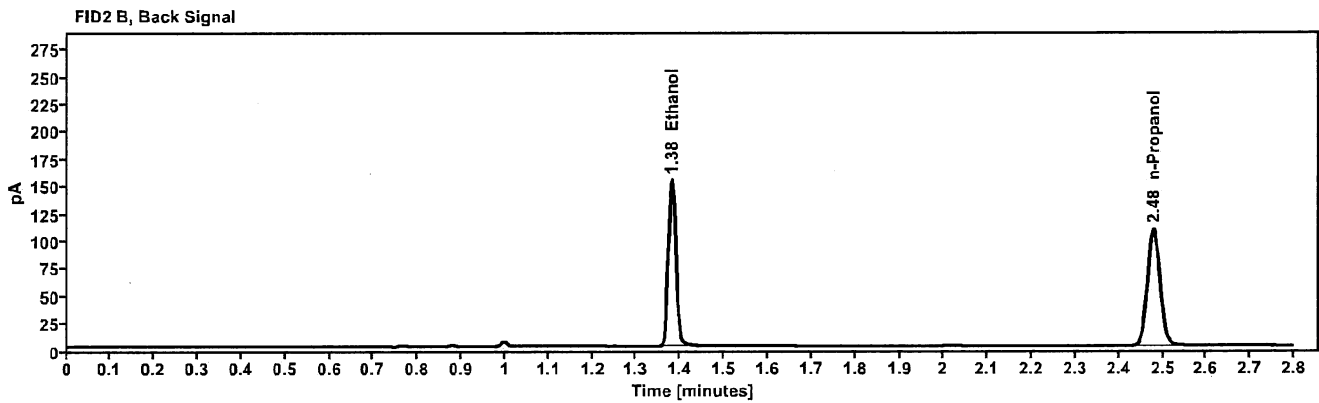
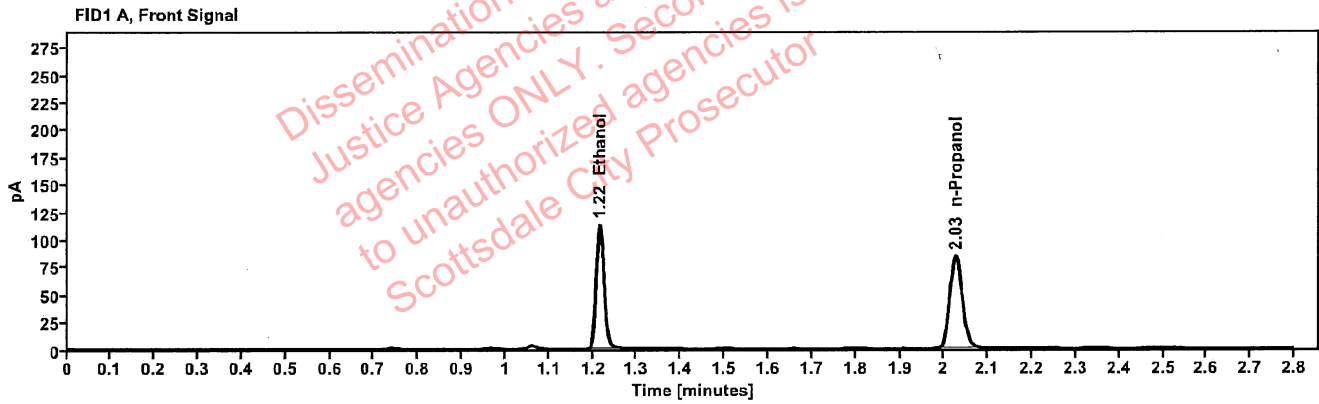


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2393	1.216	143.496
n-Propanol	-----	2.027	167.195

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

Compound	Time (min)	Peak Area
Ethanol	1.380	183.856
n-Propanol	2.479	213.967

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428435	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:49:21 AM
Data file:	C:\Chem32\1\Data\15Jul22\14.D	Analyst:	Brooke

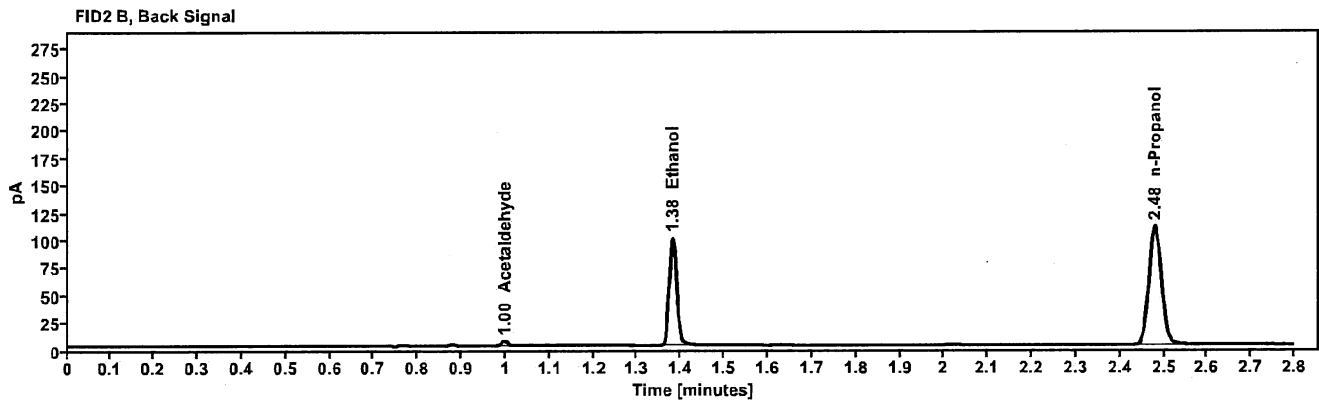
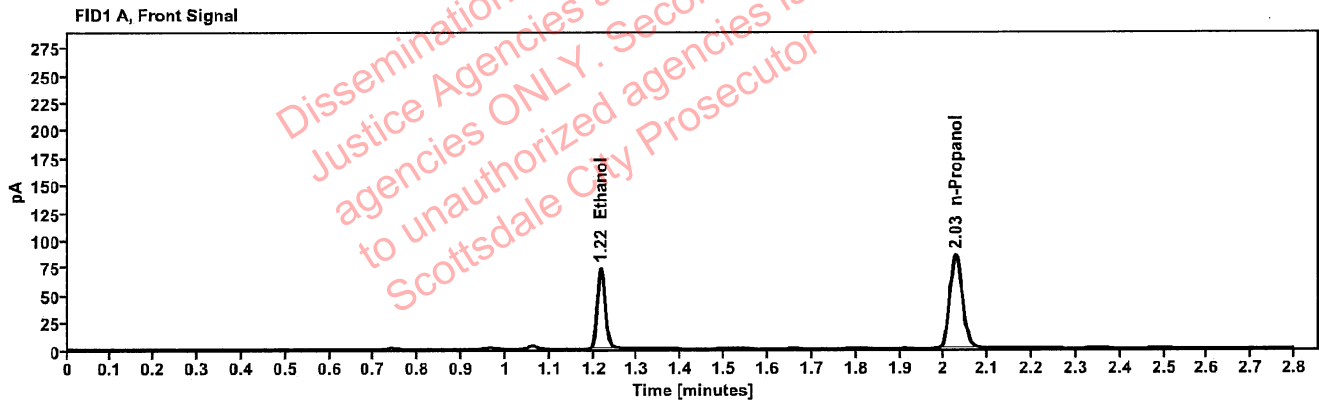


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1538	1.216	93.104
n-Propanol	-----	2.027	169.898

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	3.910
Ethanol	1.381	119.294
n-Propanol	2.480	217.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428435	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:53:21 AM
Data file:	C:\Chem32\1\Data\15Jul22\15.D	Analyst:	Brooke

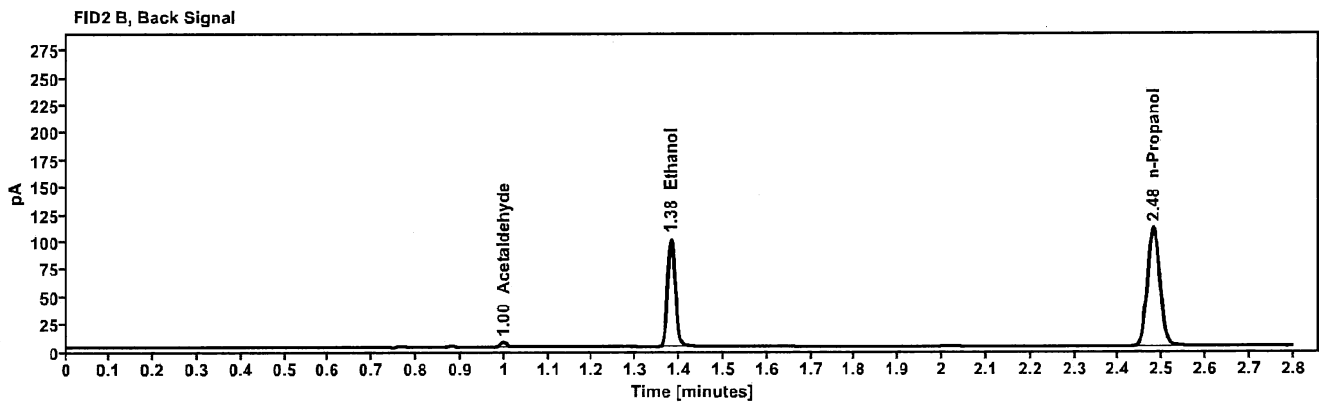
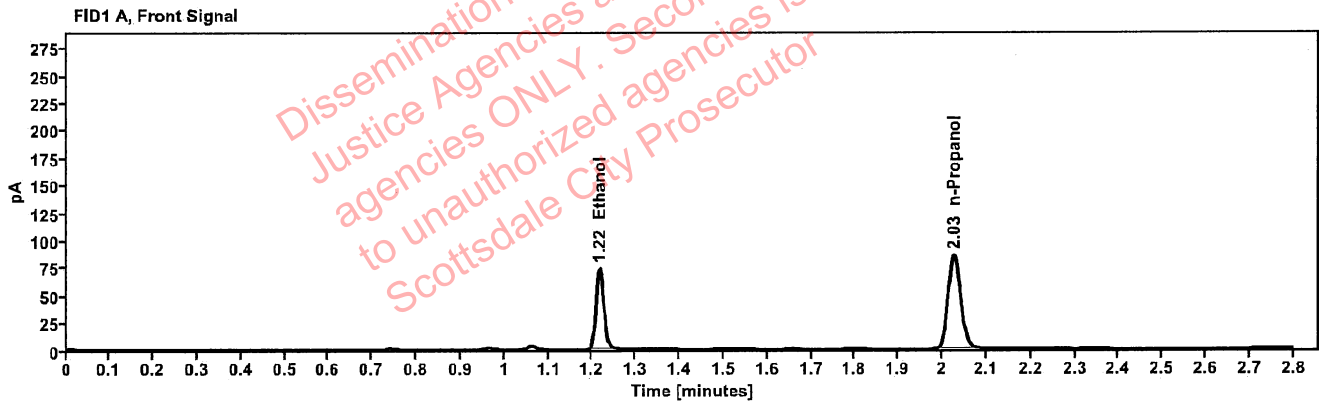


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1543	1.216	93.393
n-Propanol	-----	2.027	169.777

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	3.932
Ethanol	1.381	119.667
n-Propanol	2.480	217.277

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38301CS	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 11:57:22 AM
Data file:	C:\Chem32\1\Data\15Jul22\16.D	Analyst:	Brooke

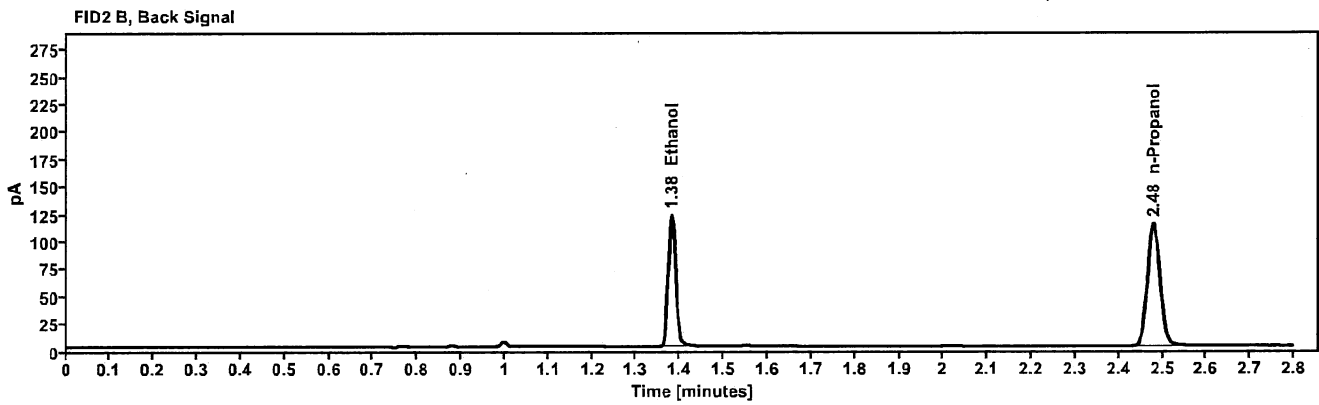
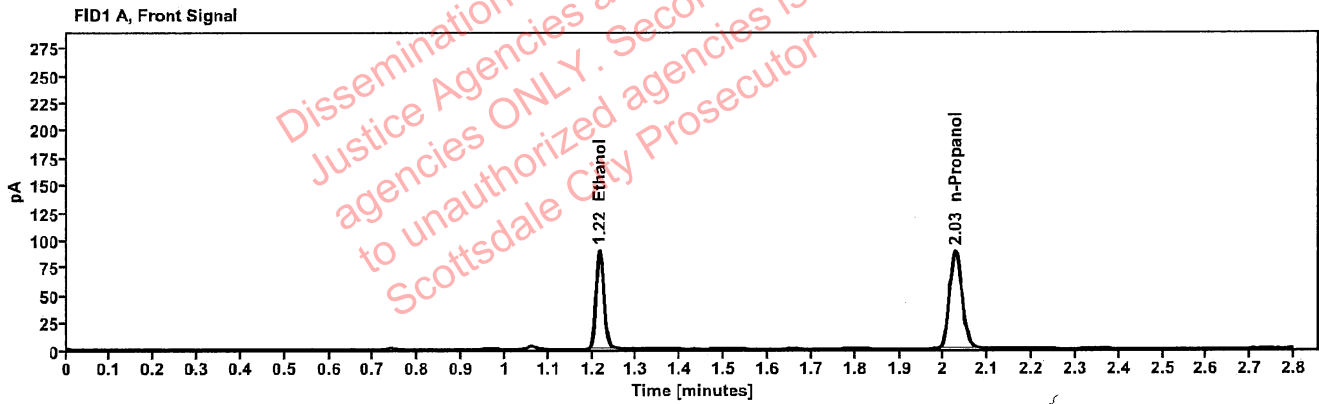


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1808	1.216	113.952
n-Propanol	-----	2.027	176.375

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

Compound	Time (min)	Peak Area
Ethanol	1.381	146.149
n-Propanol	2.480	226.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 38301CS	Vial: 17
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 15Jul22
Instrument: US14173023 CN14160045	Injection date: 7/15/2022 12:01:22 PM
Data file: C:\Chem32\1\Data\15Jul22\17.D	Analyst: Brooke

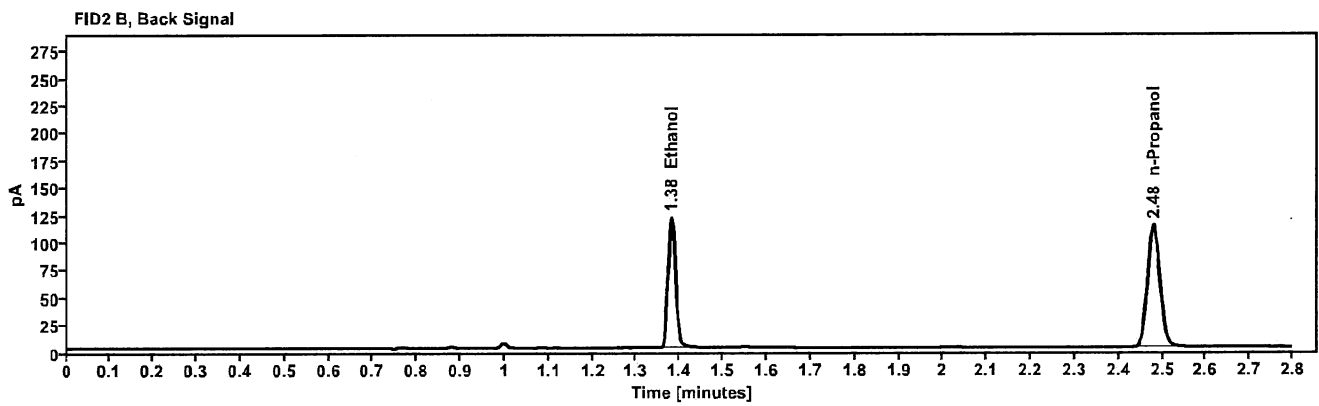
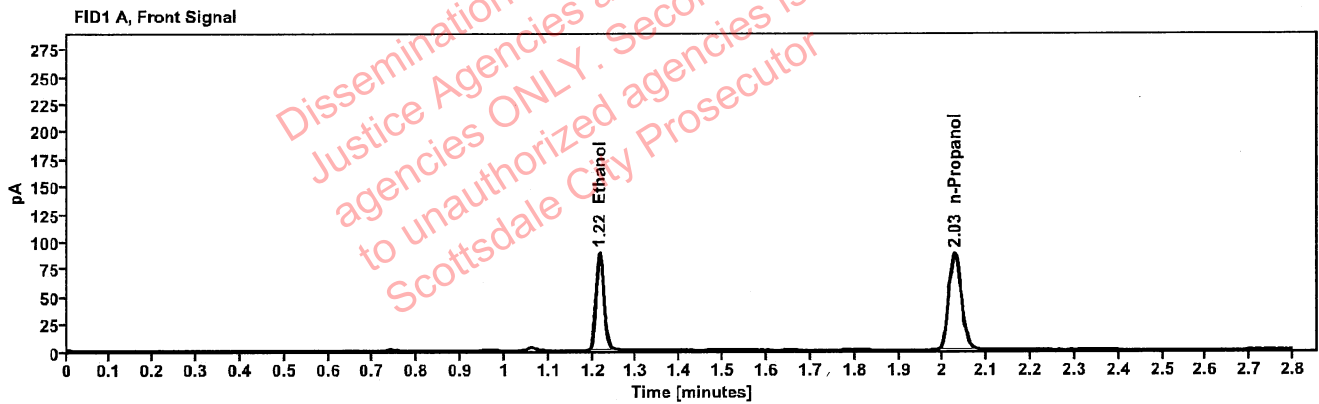


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1800	1.216	112.504
n-Propanol	-----	2.027	174.943

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

Compound	Time (min)	Peak Area
Ethanol	1.381	144.408
n-Propanol	2.480	224.073

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36301JZ	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:05:22 PM
Data file:	C:\Chem32\1\Data\15Jul22\18.D	Analyst:	Brooke

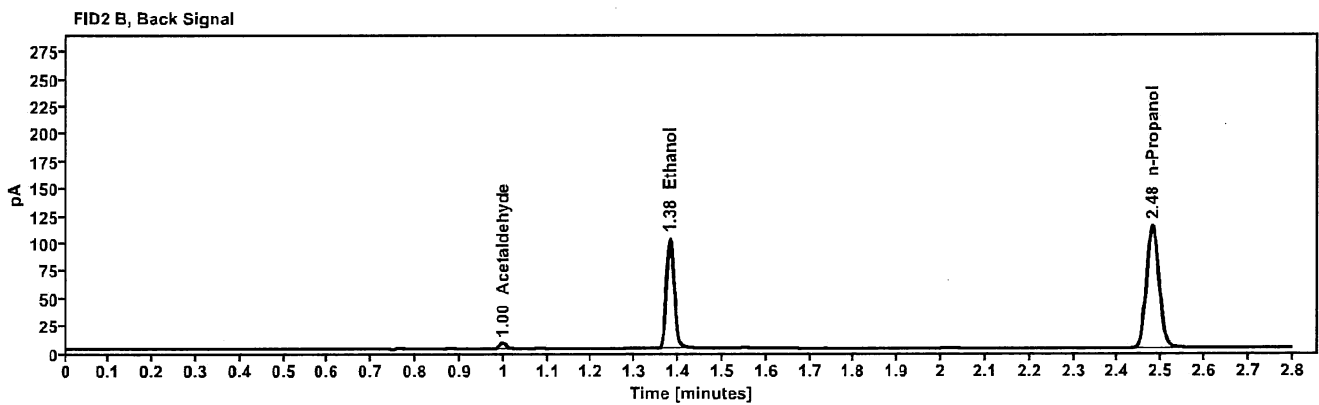
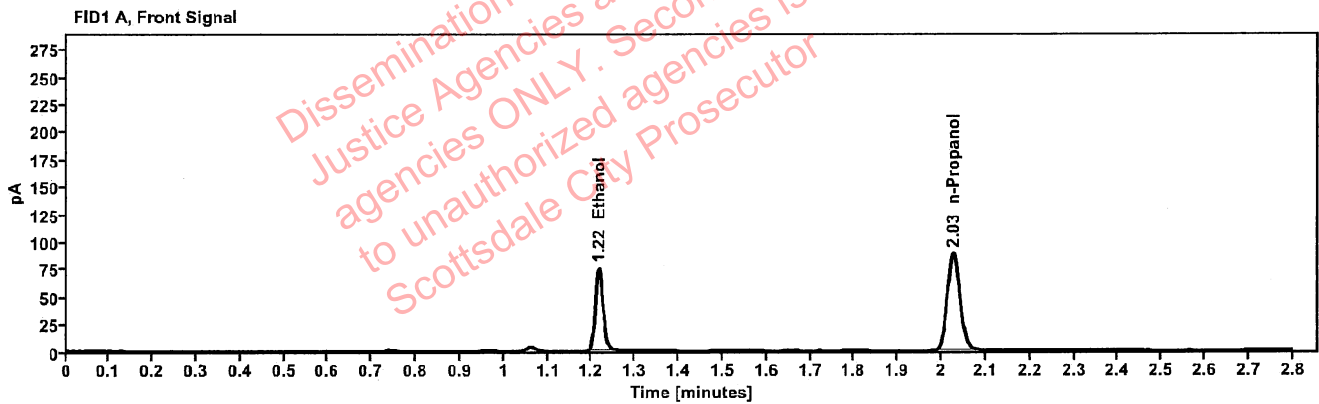


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1518	1.216	95.284
n-Propanol	-----	2.027	176.180

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.756
Ethanol	1.381	122.053
n-Propanol	2.480	225.420

[REDACTED] : Brooke, Phillip - (18-Jul-2022)

Case: [REDACTED] User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36301JZ	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:09:37 PM
Data file:	C:\Chem32\1\Data\15Jul22\19.D	Analyst:	Brooke

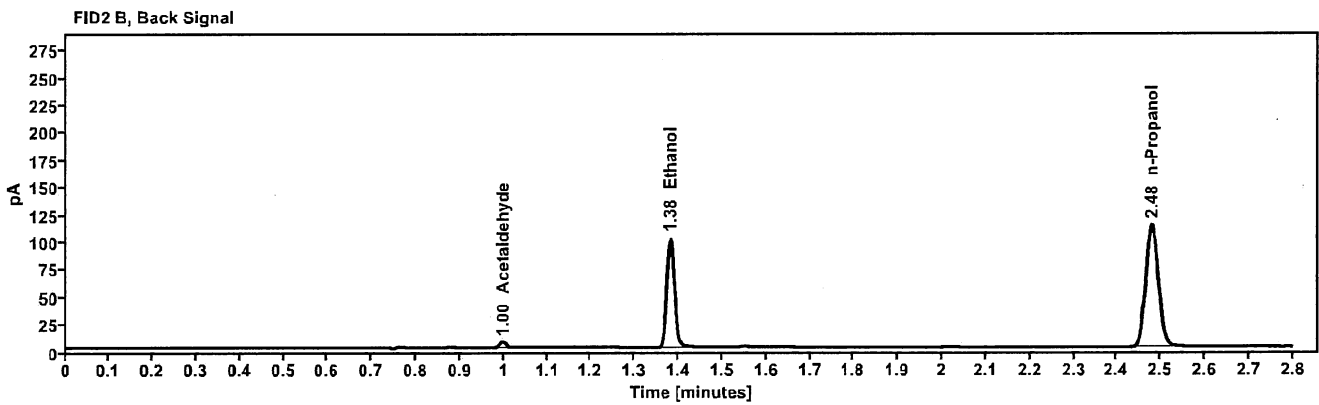
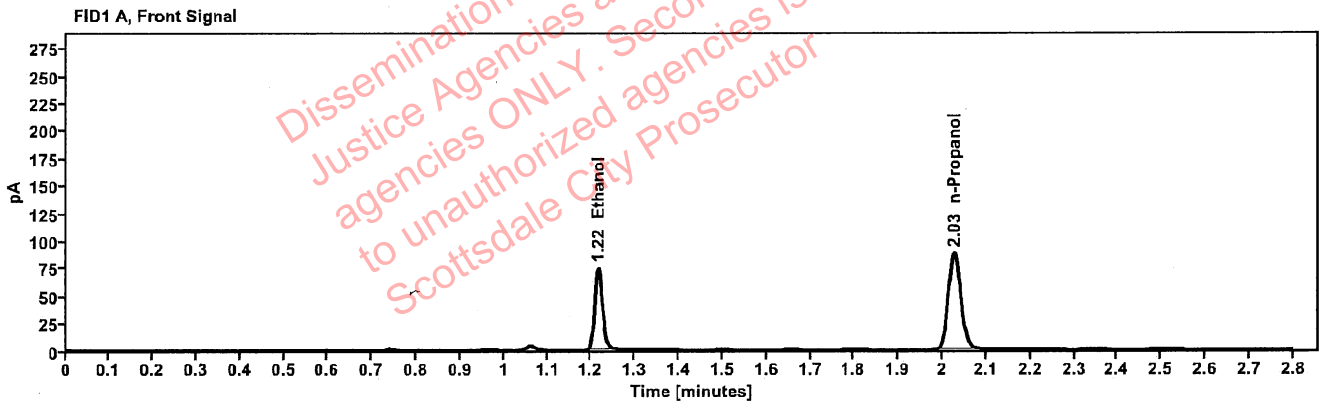


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1509	1.216	94.367
n-Propanol	-----	2.027	175.584

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.776
Ethanol	1.381	121.107
n-Propanol	2.480	224.578

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501TL	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:17:36 PM
Data file:	C:\Chem32\1\Data\15Jul22\21.D	Analyst:	Brooke

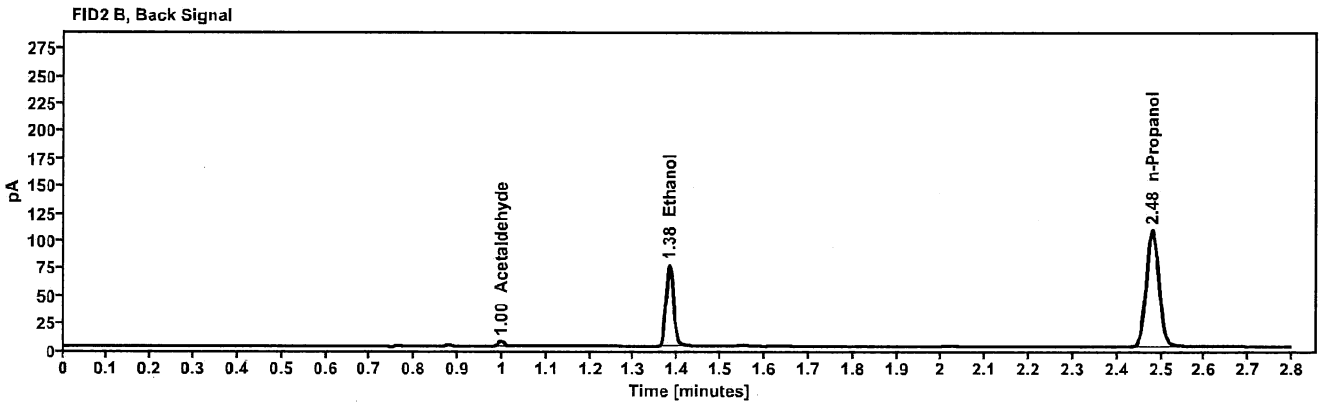
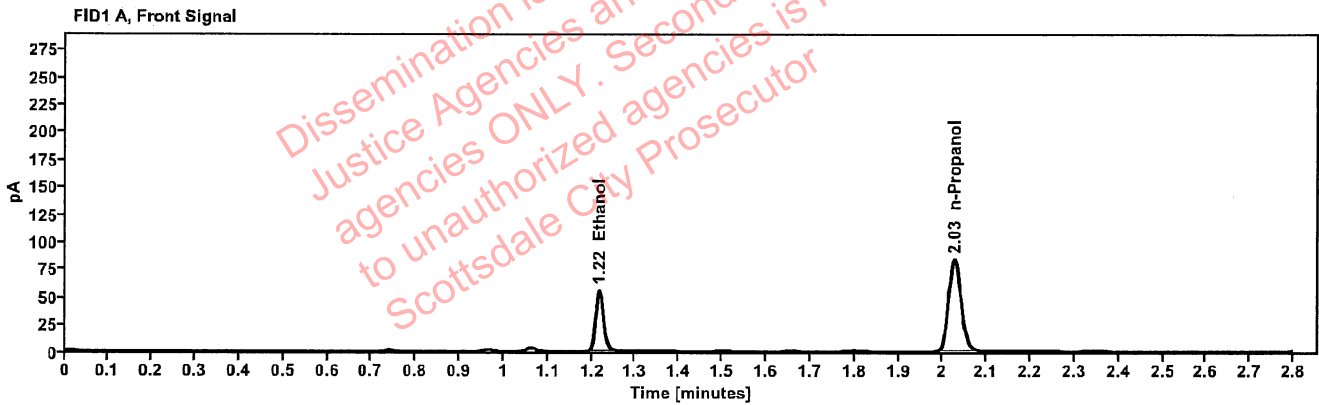


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1191	1.217	70.385
n-Propanol	-----	2.027	166.762

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.006
Ethanol	1.381	90.044
n-Propanol	2.480	213.518

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501TL	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:21:36 PM
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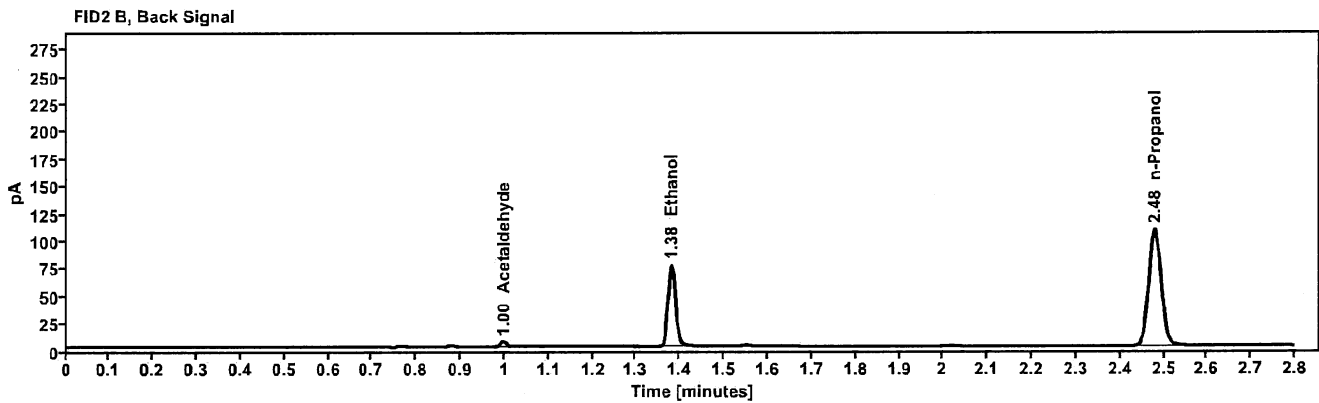
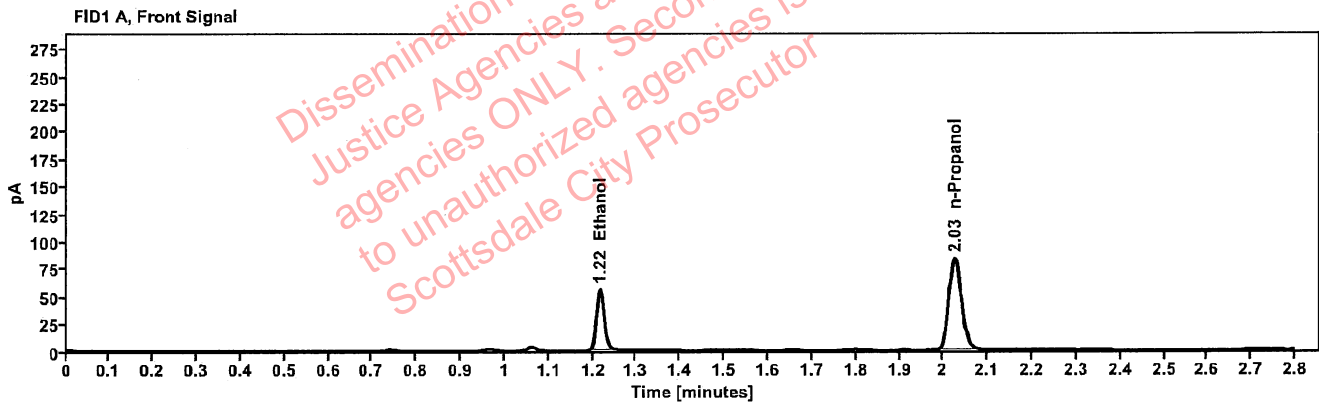


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1194	1.216	70.563
n-Propanol	-----	2.027	166.718

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	4.091
Ethanol	1.381	90.179
n-Propanol	2.479	213.639

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40801NS	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:25:37 PM
Data file:	C:\Chem32\1\Data\15Jul22\23.D	Analyst:	Brooke

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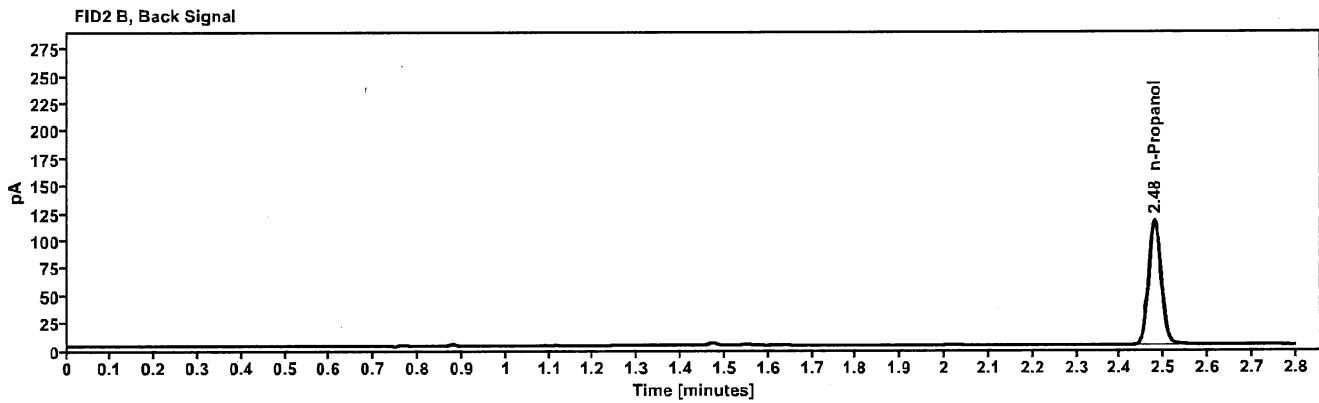
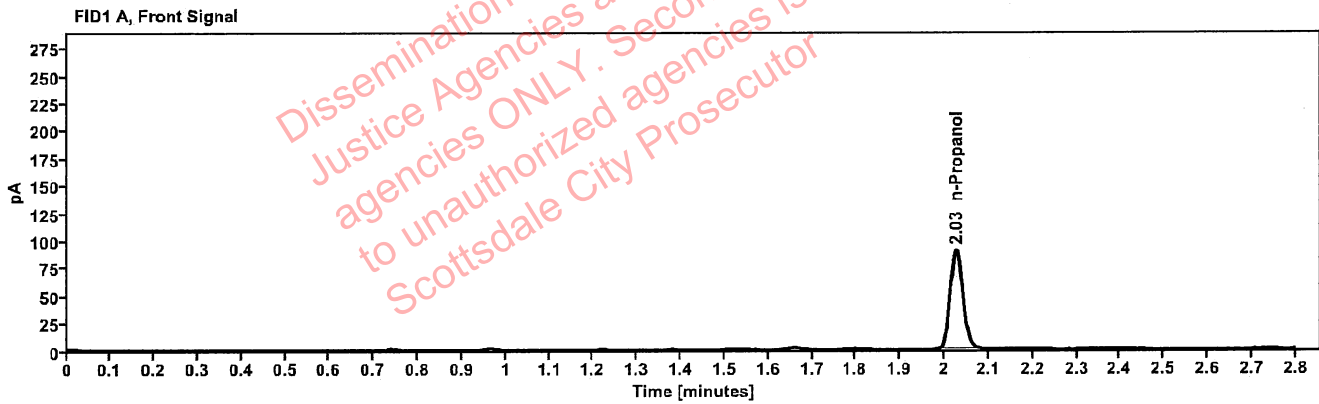


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.026	178.984

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

Compound	Time (min)	Peak Area
n-Propanol	2.479	229.600

[REDACTED]: Brooke, Phillip - (18-Jul-2022)

Case: [REDACTED] User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40801NS	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:29:36 PM
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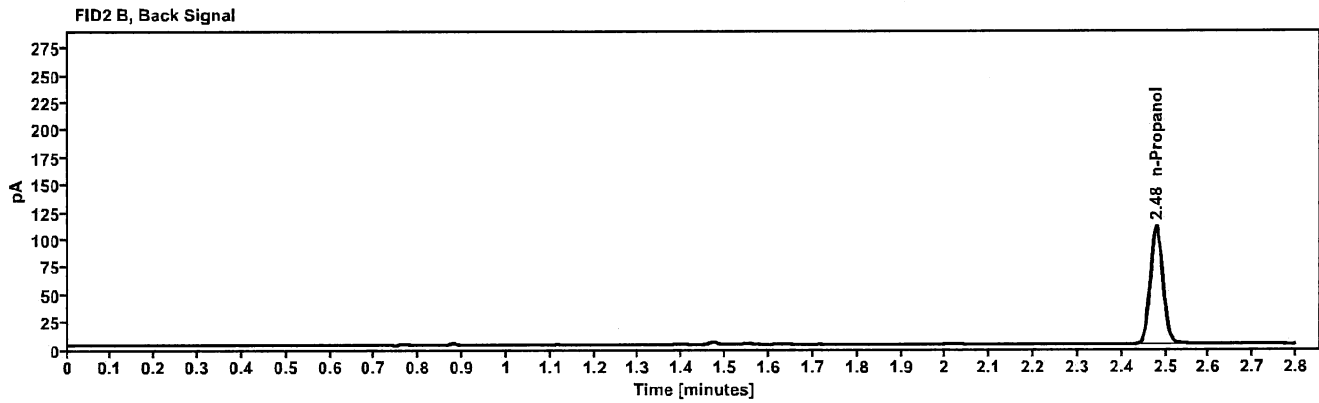
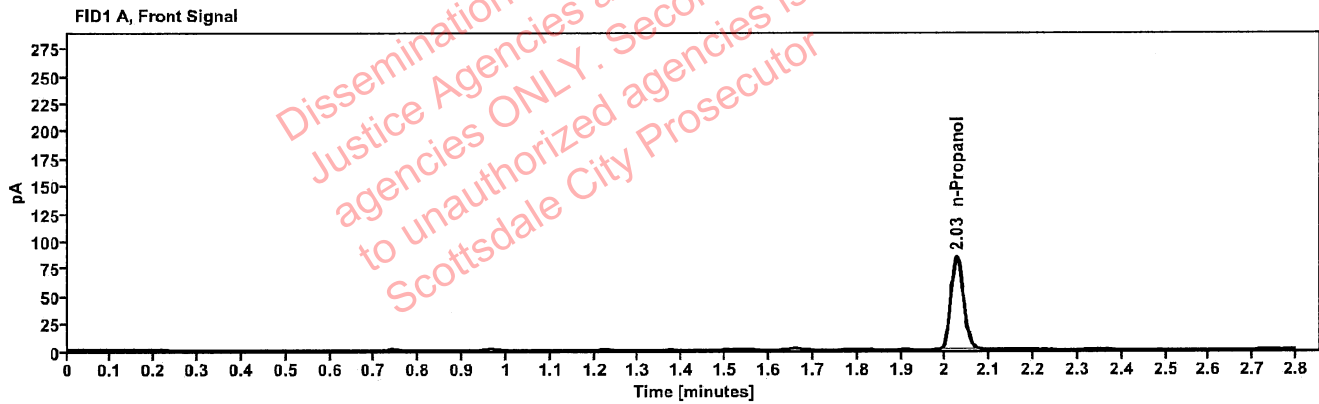


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.026	168.611

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

Compound	Time (min)	Peak Area
n-Propanol	2.479	216.321

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DD	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:33:51 PM
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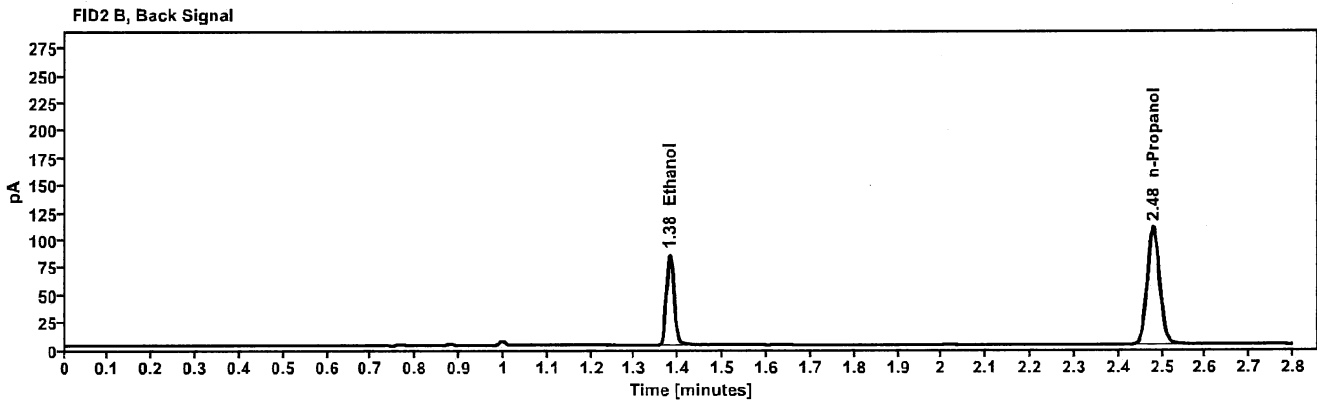
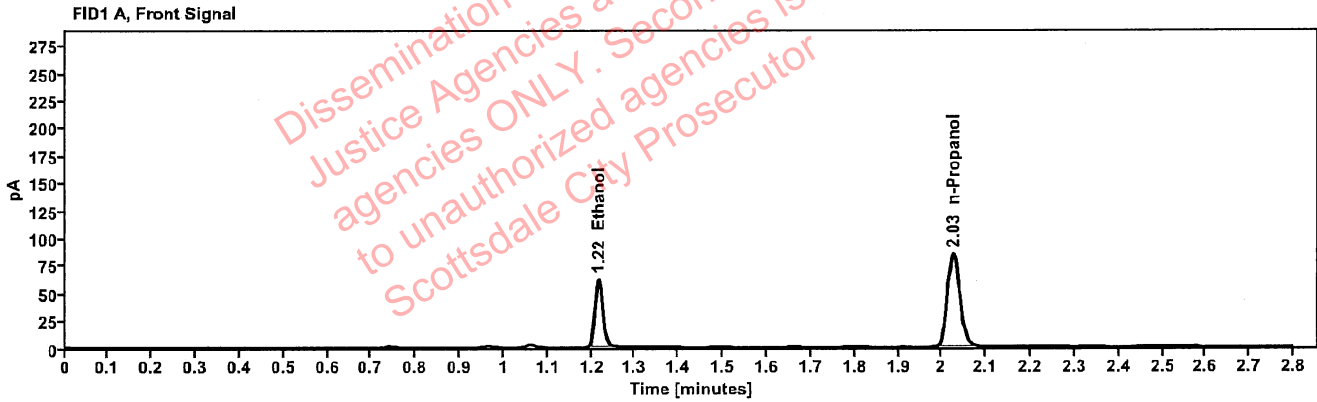


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1310	1.216	78.420
n-Propanol	-----	2.027	168.545

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

Compound	Time (min)	Peak Area
Ethanol	1.380	100.384
n-Propanol	2.479	215.305

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DD	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:37:51 PM
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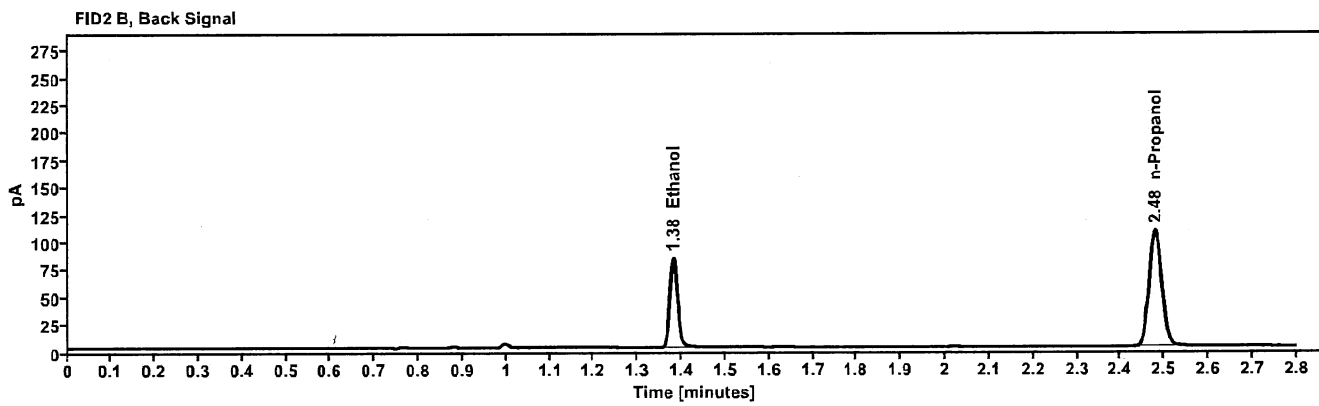
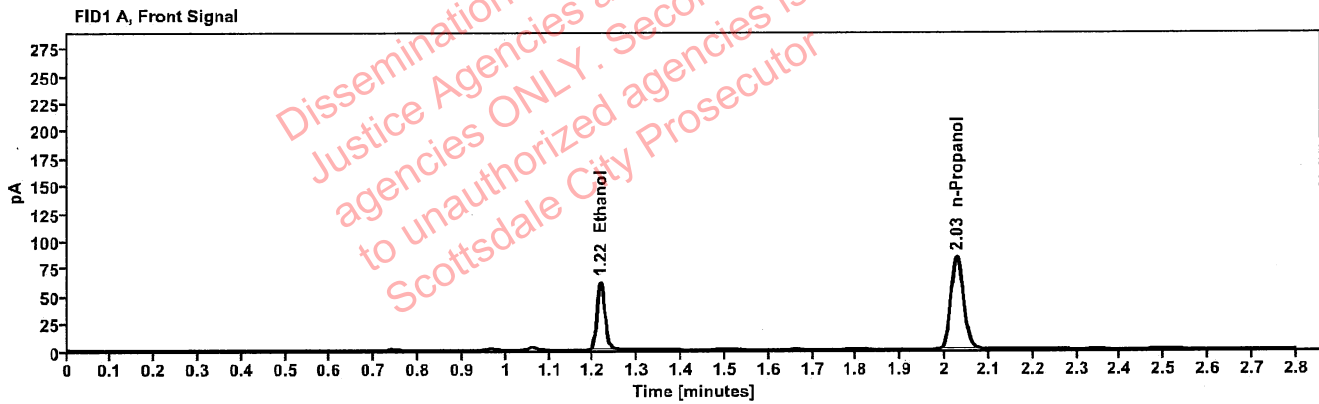


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1315	1.216	78.067
n-Propanol	-----	2.027	167.150

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

Compound	Time (min)	Peak Area
Ethanol	1.381	99.887
n-Propanol	2.479	213.469

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701CS	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:41:51 PM
Data file:	C:\Chem32\1\Data\15Jul22\27.D	Analyst:	Brooke

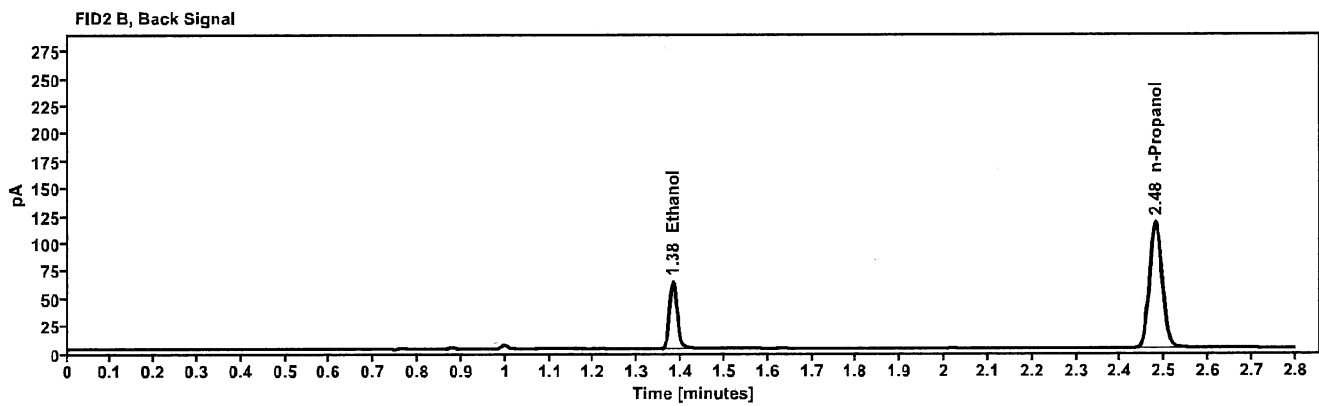
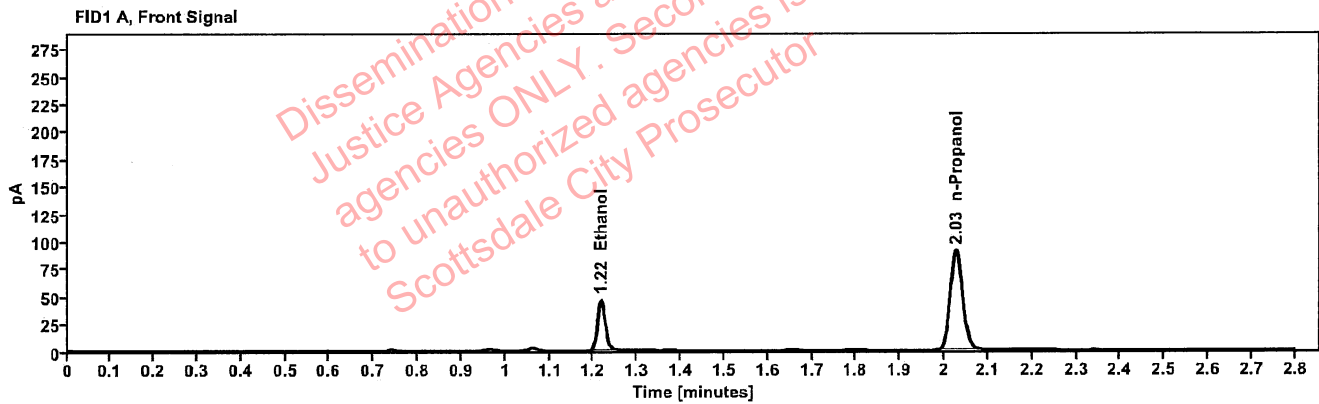


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0918	1.217	58.316
n-Propanol	-----	2.027	180.457

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

Compound	Time (min)	Peak Area
Ethanol	1.381	74.480
n-Propanol	2.480	230.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701CS	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:45:53 PM
Data file:	C:\Chem32\1\Data\15Jul22\28.D	Analyst:	Brooke

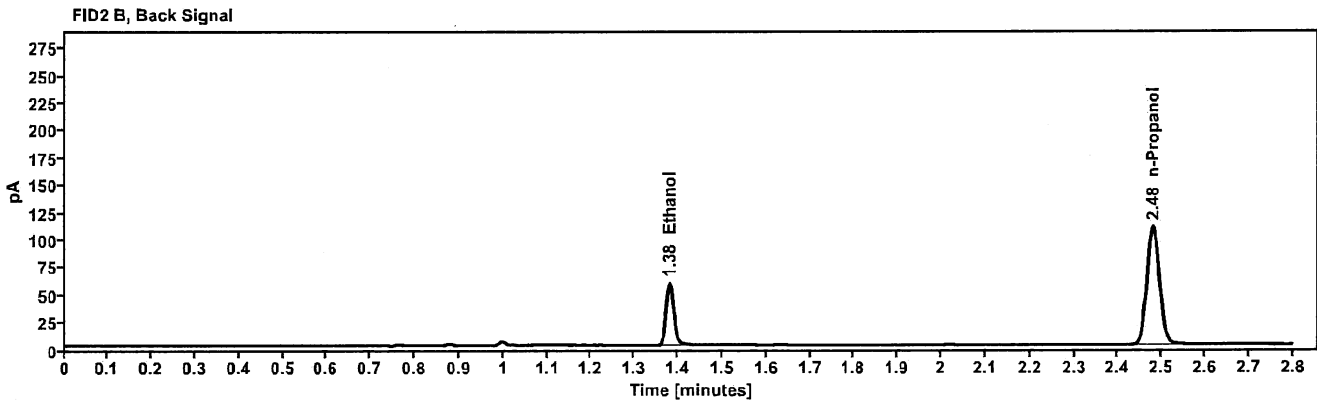
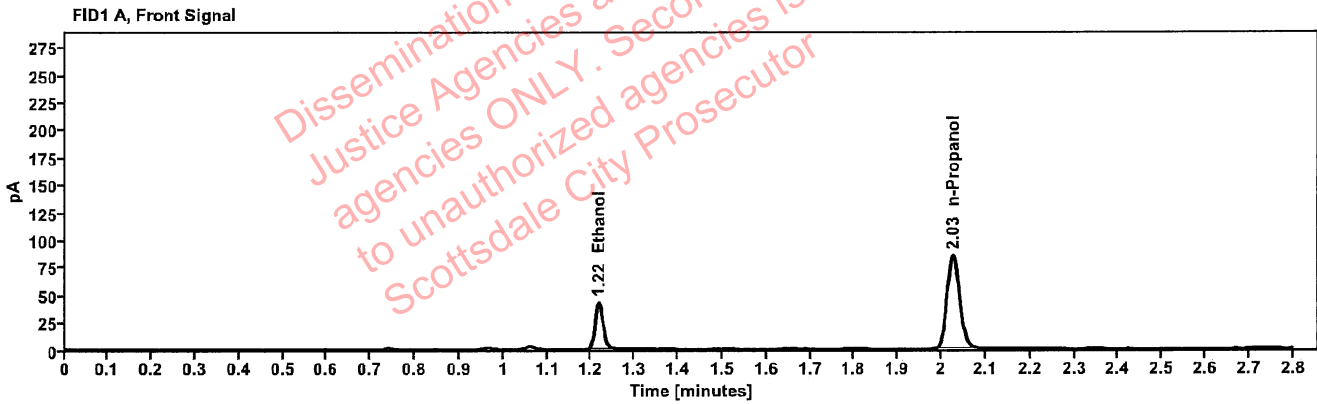


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0906	1.217	54.059
n-Propanol	-----	2.027	169.480

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

Compound	Time (min)	Peak Area
Ethanol	1.381	69.084
n-Propanol	2.479	216.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1425376	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:49:52 PM
Data file:	C:\Chem32\1\Data\15Jul22\29.D	Analyst:	Brooke

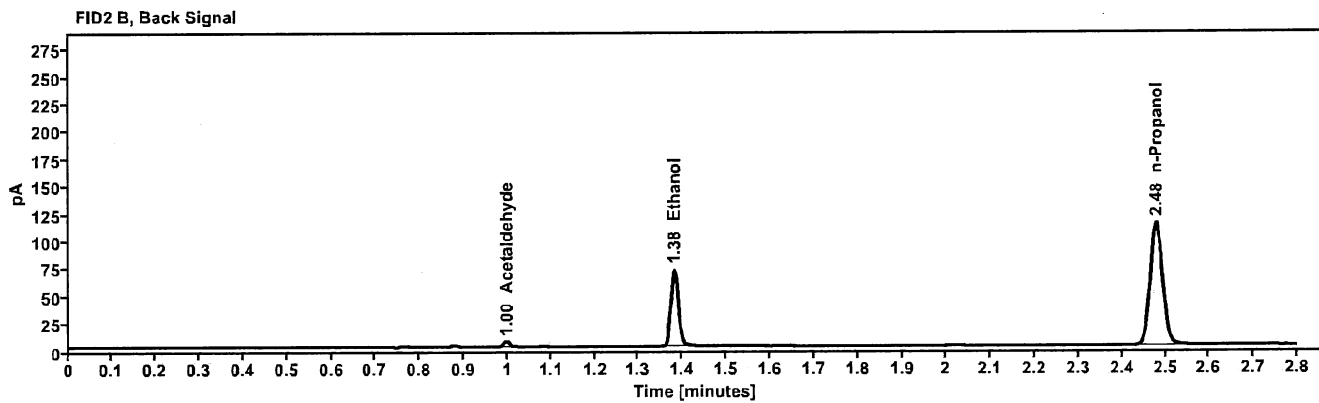
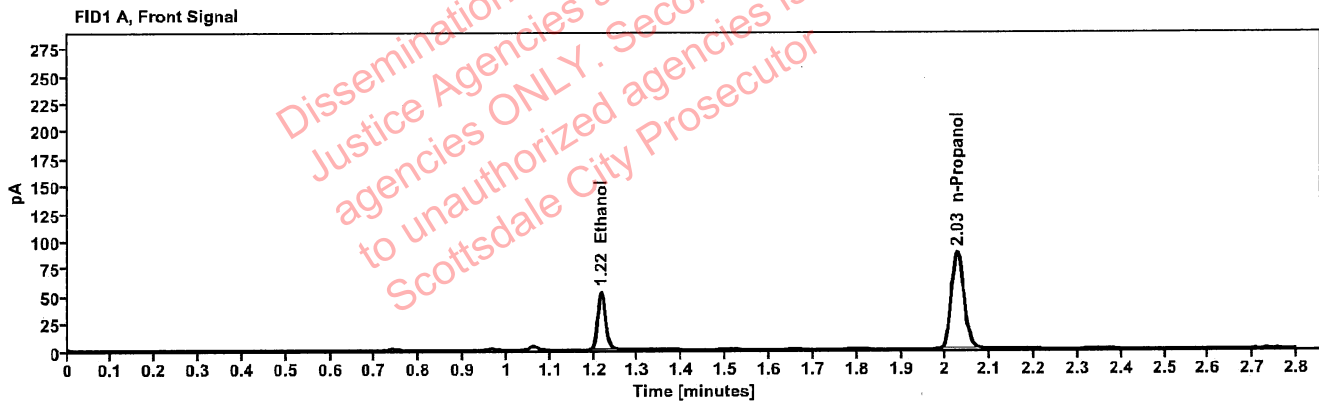


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1071	1.217	66.465
n-Propanol	-----	2.027	175.497

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.277
Ethanol	1.381	85.017
n-Propanol	2.479	224.685

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1425376	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 12:53:53 PM
Data file:	C:\Chem32\1\Data\15Jul22\30.D	Analyst:	Brooke

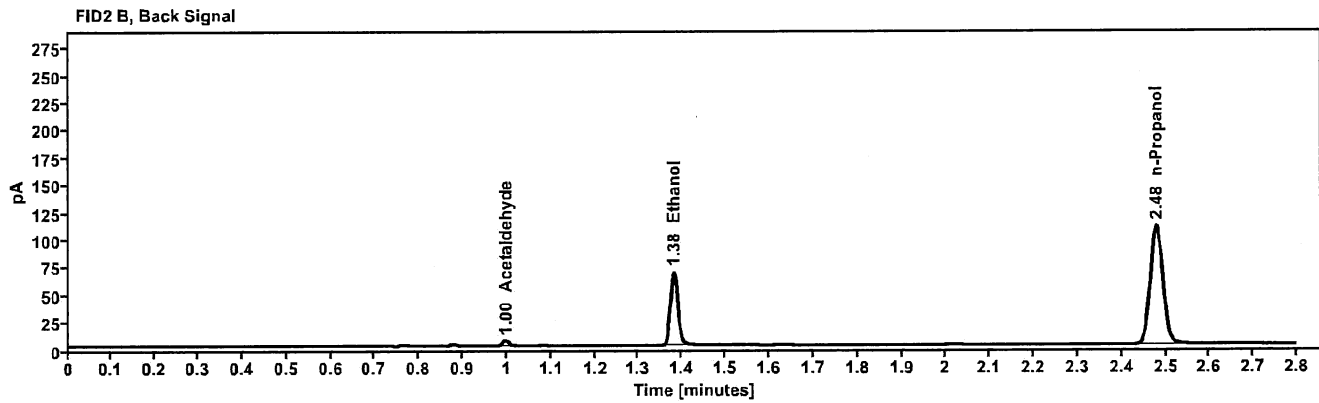
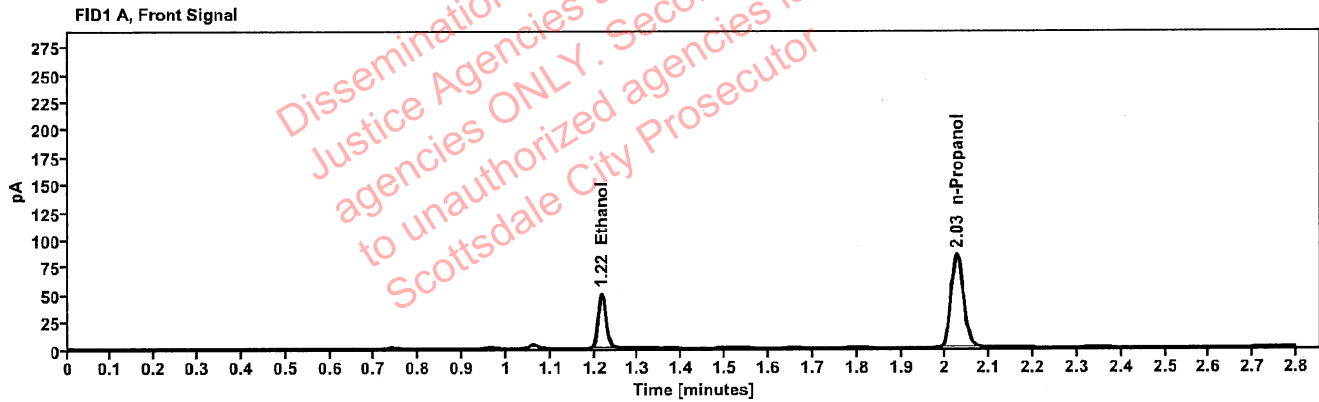


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1057	1.216	63.391
n-Propanol	-----	2.026	169.697

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	4.189
Ethanol	1.381	81.000
n-Propanol	2.479	217.368

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428876	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:02:06 PM
Data file:	C:\Chem32\1\Data\15Jul22\32.D	Analyst:	Brooke

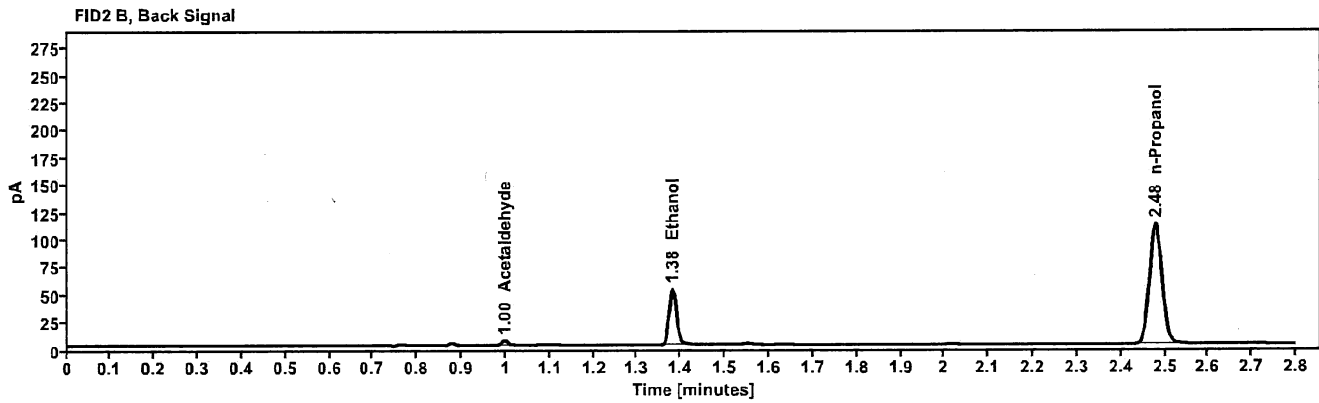
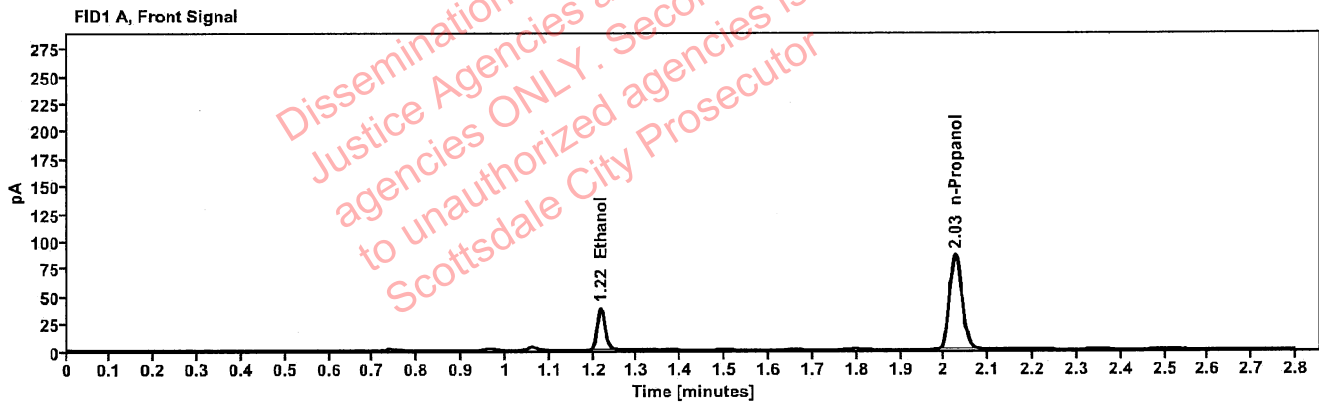


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.217	48.297
n-Propanol	-----	2.026	172.064

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	3.817
Ethanol	1.381	61.718
n-Propanol	2.478	219.624

[REDACTED]: Brooke, Phillip - (18-Jul-2022)

Case: [REDACTED] User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428876	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:06:06 PM
Data file:	C:\Chem32\1\Data\15Jul22\33.D	Analyst:	Brooke

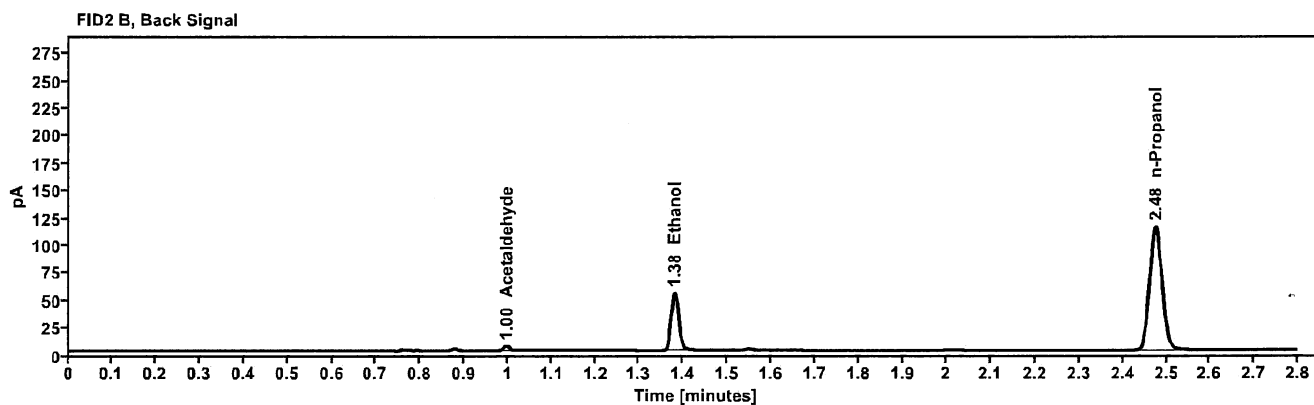
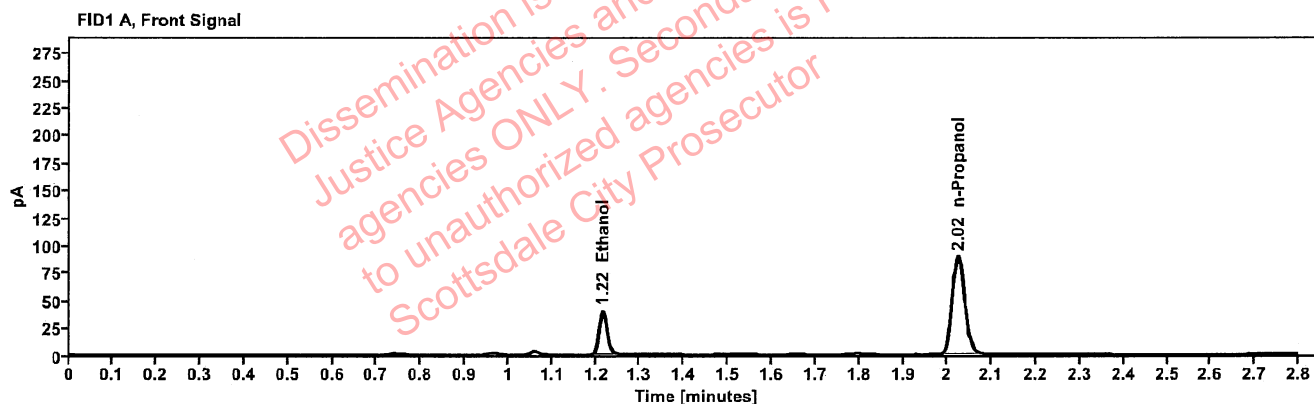


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.216	50.218
n-Propanol	-----	2.024	177.399

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	3.896
Ethanol	1.380	64.089
n-Propanol	2.476	226.406

Brooke, Phillip - (18-Jul-2022)

Case: User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428644	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:10:07 PM
Data file:	C:\Chem32\1\Data\15Jul22\34.D	Analyst:	Brooke

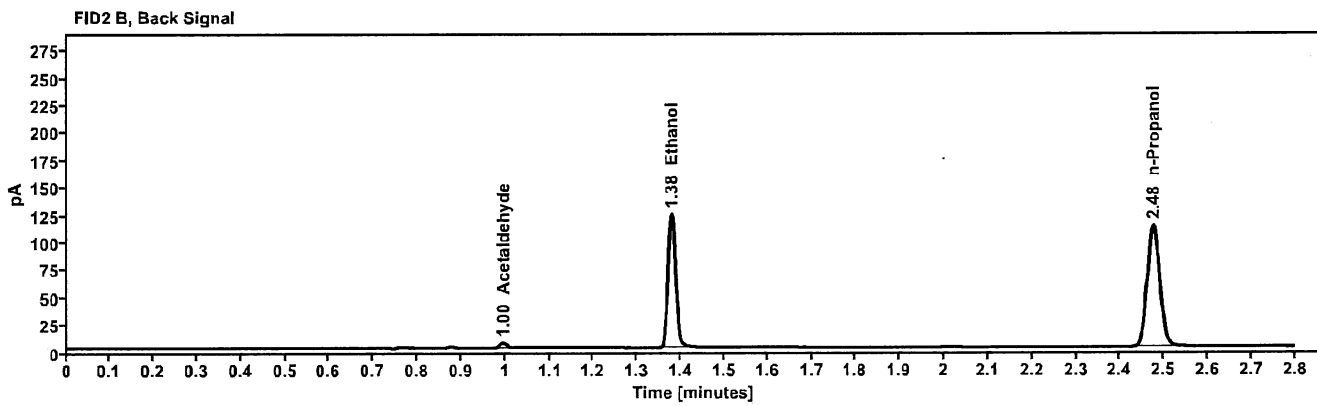
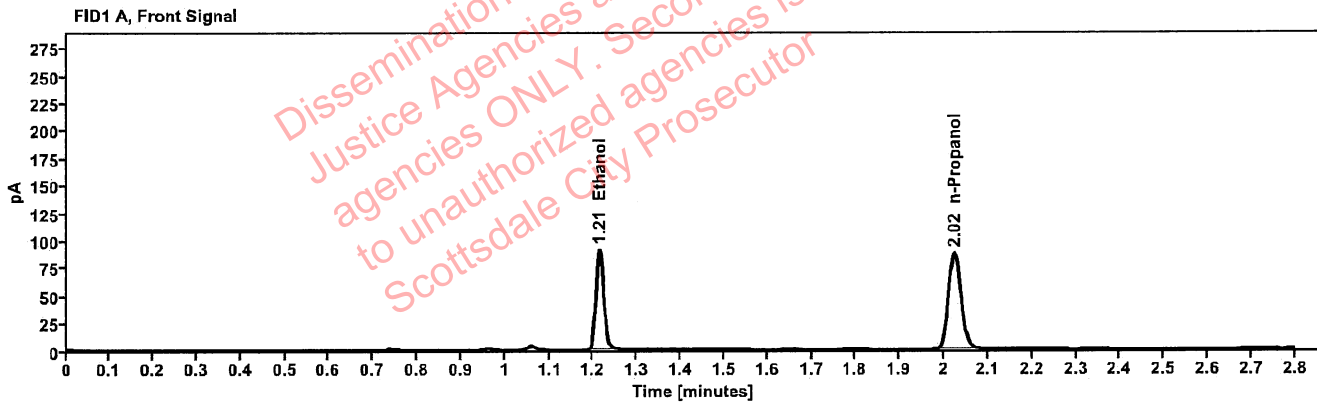


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1851	1.214	115.265
n-Propanol	-----	2.024	174.231

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	4.280
Ethanol	1.378	147.491
n-Propanol	2.476	222.740

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1428644	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:14:08 PM
Data file:	C:\Chem32\1\Data\15Jul22\35.D	Analyst:	Brooke

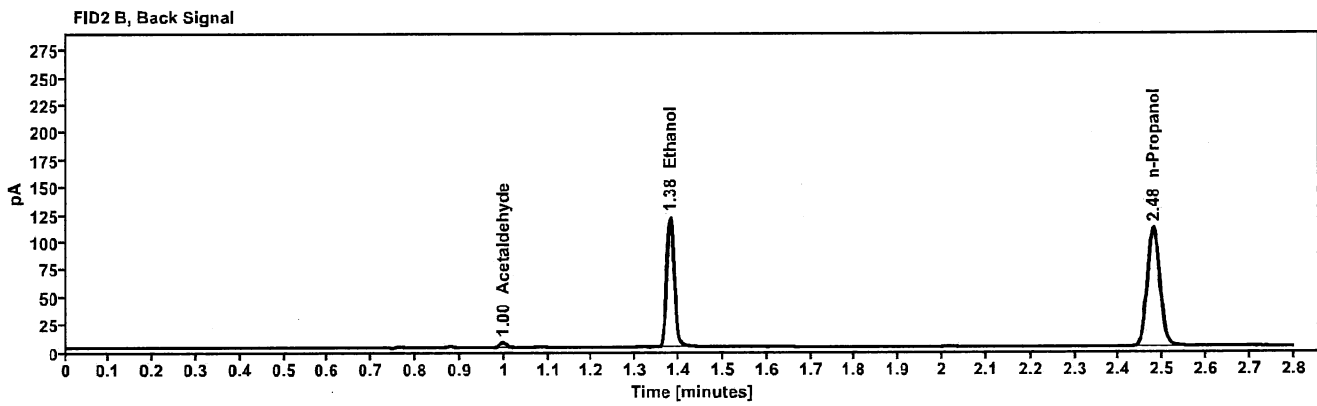
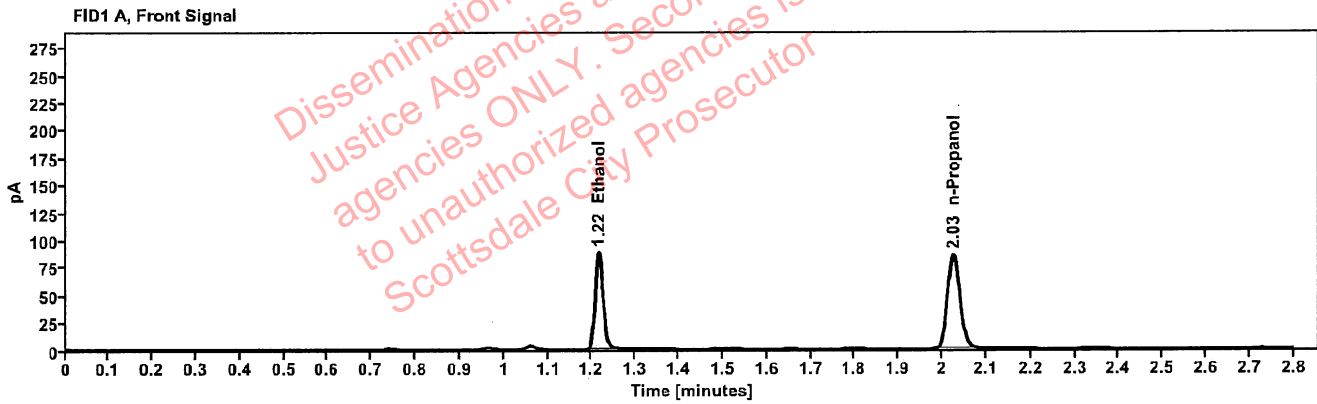


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1839	1.216	111.827
n-Propanol	-----	2.026	170.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	4.137
Ethanol	1.380	143.218
n-Propanol	2.478	217.529

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429379	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:18:07 PM
Data file:	C:\Chem32\1\Data\15Jul22\36.D	Analyst:	Brooke

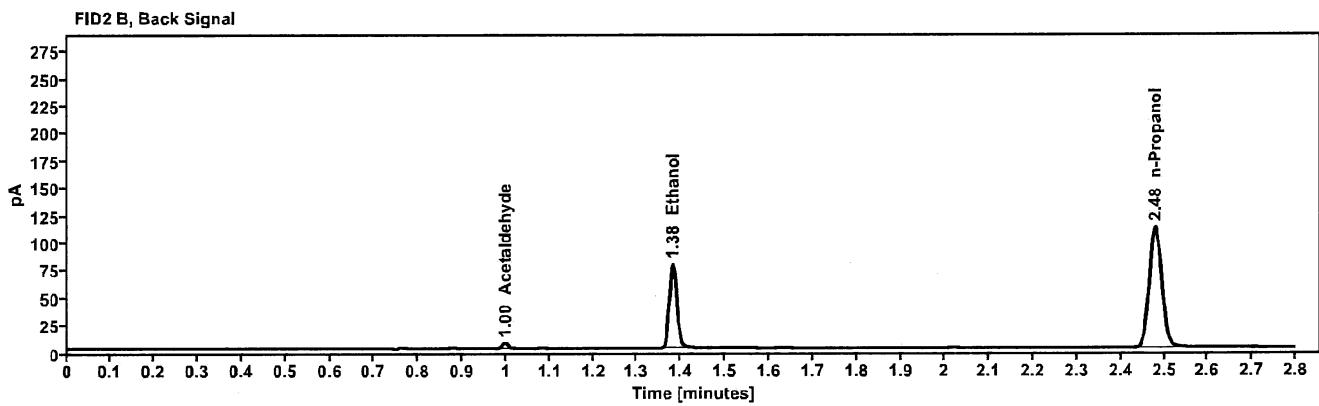
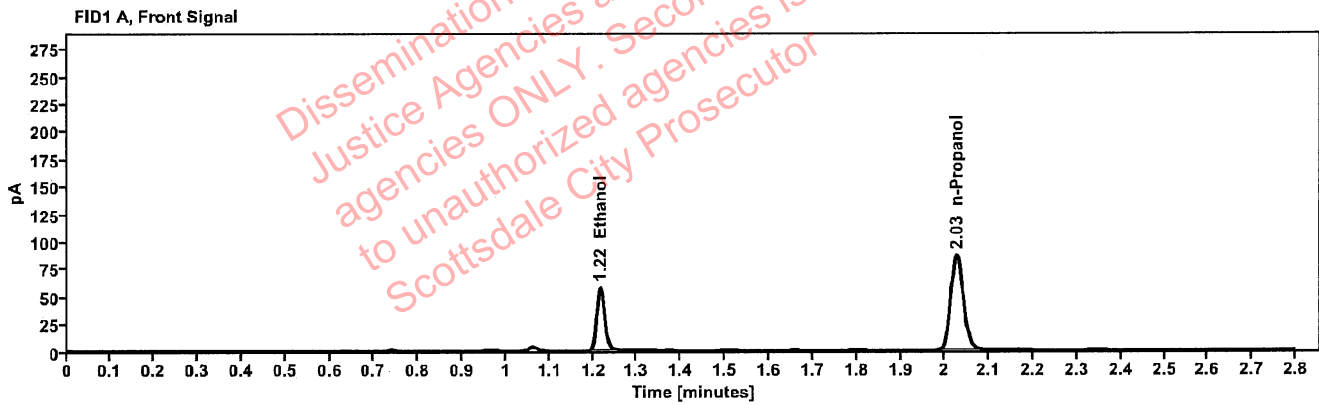


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1191	1.217	72.821
n-Propanol	-----	2.027	172.539

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	4.327
Ethanol	1.381	93.083
n-Propanol	2.479	220.781

██████████: Brooke, Phillip - (18-Jul-2022)

Case: ██████████ User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429379	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:22:22 PM
Data file:	C:\Chem32\1\Data\15Jul22\37.D	Analyst:	Brooke

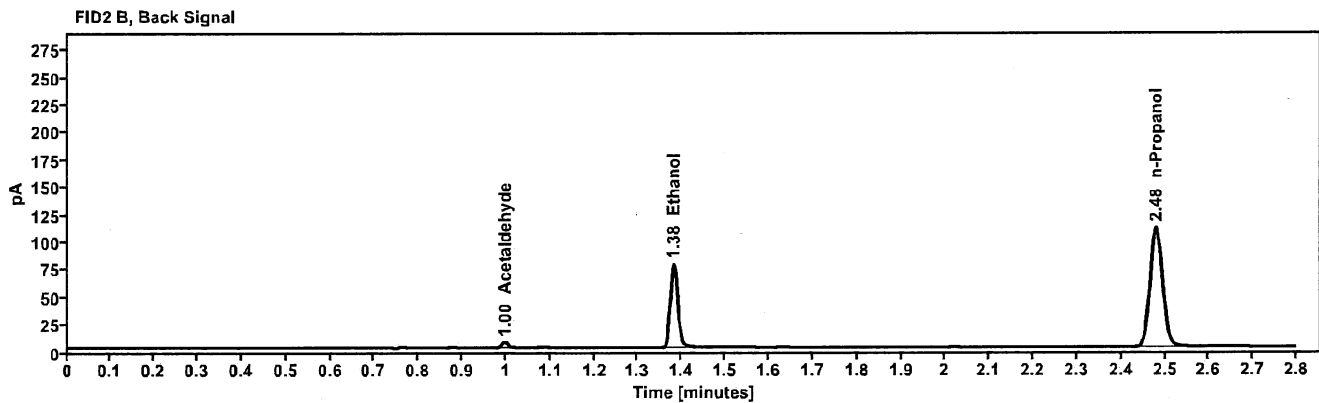
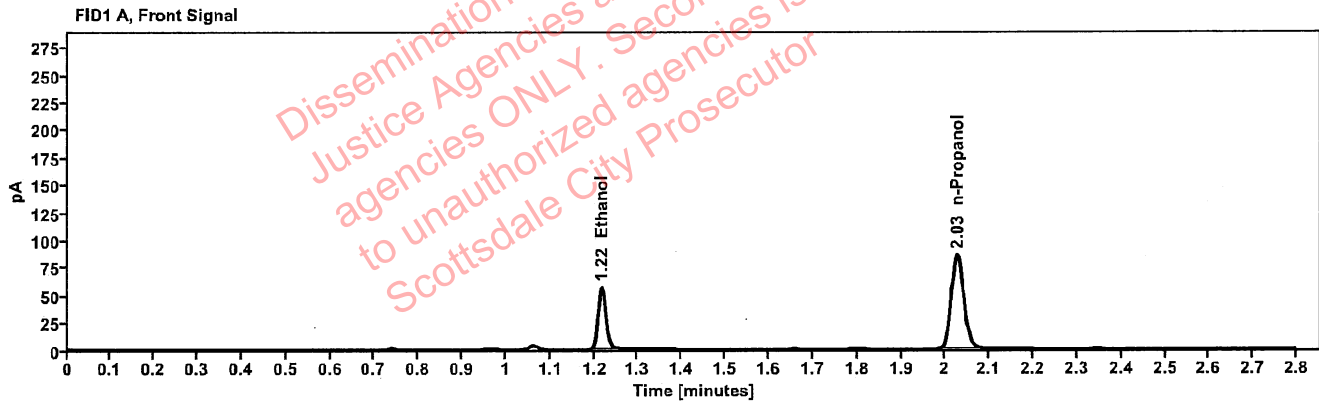


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1188	1.217	71.921
n-Propanol	---	2.027	170.746

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.356
Ethanol	1.381	91.974
n-Propanol	2.480	218.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429478	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:26:21 PM
Data file:	C:\Chem32\1\Data\15Jul22\38.D	Analyst:	Brooke

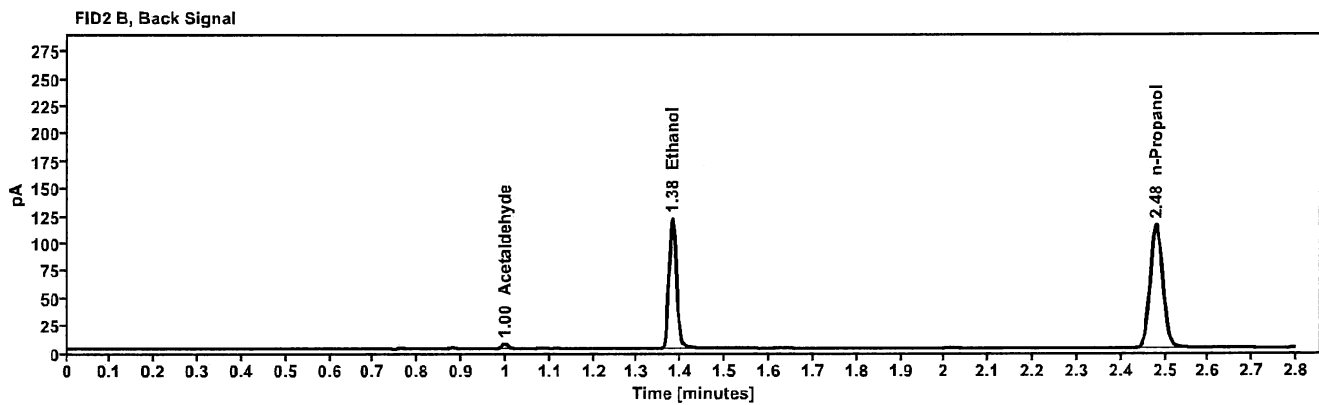
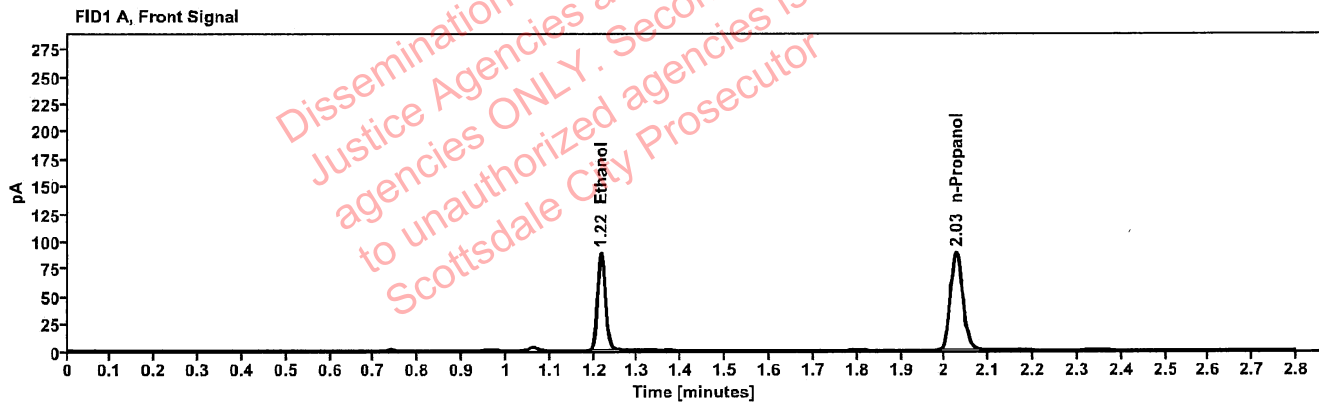


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1776	1.216	112.274
n-Propanol	-----	2.027	176.945

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	3.899
Ethanol	1.380	143.875
n-Propanol	2.479	226.442

[REDACTED]: Brooke, Phillip - (18-Jul-2022)

Case: [REDACTED] User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429478	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:30:21 PM
Data file:	C:\Chem32\1\Data\15Jul22\39.D	Analyst:	Brooke

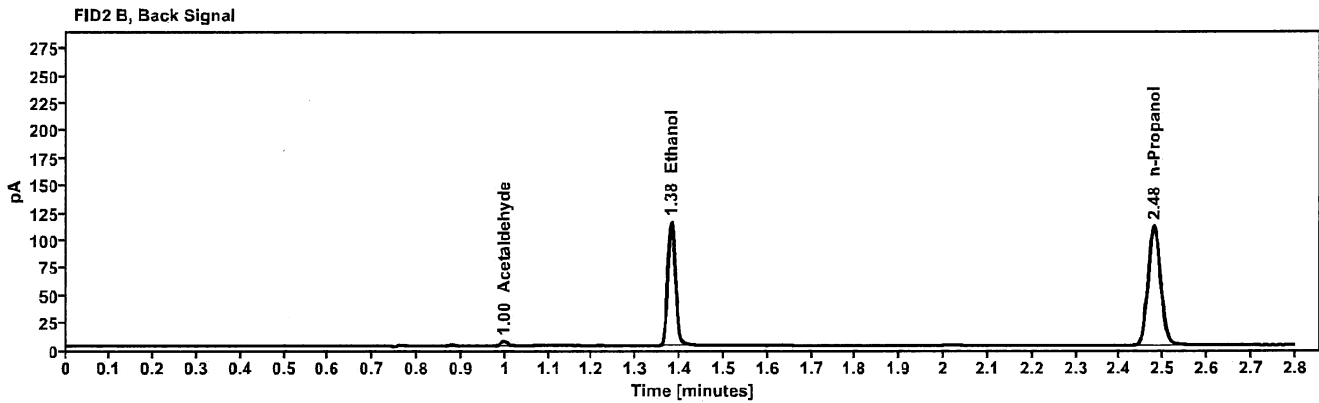
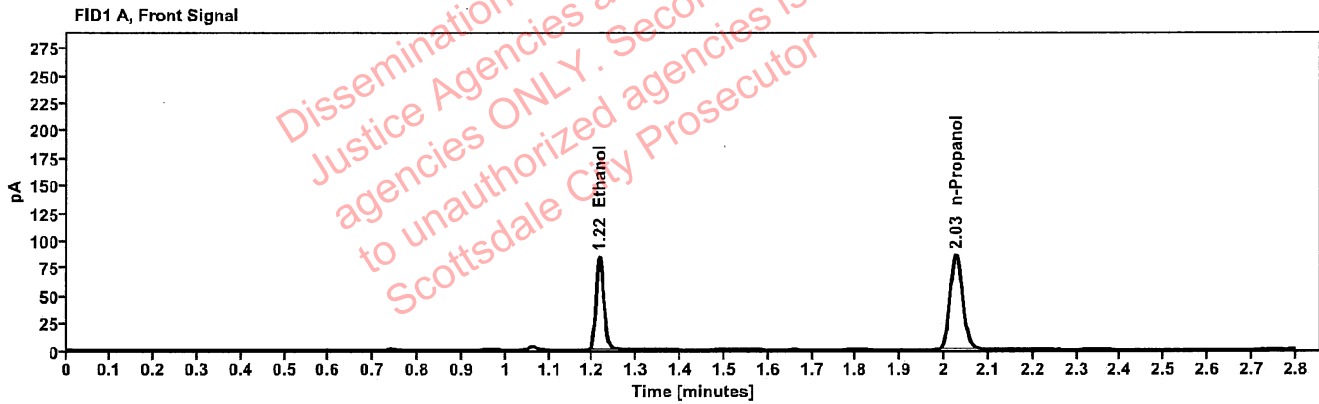


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1751	1.216	107.265
n-Propanol	---	2.026	171.480

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	3.845
Ethanol	1.380	137.303
n-Propanol	2.479	219.512

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429550	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:34:22 PM
Data file:	C:\Chem32\1\Data\15Jul22\40.D	Analyst:	Brooke

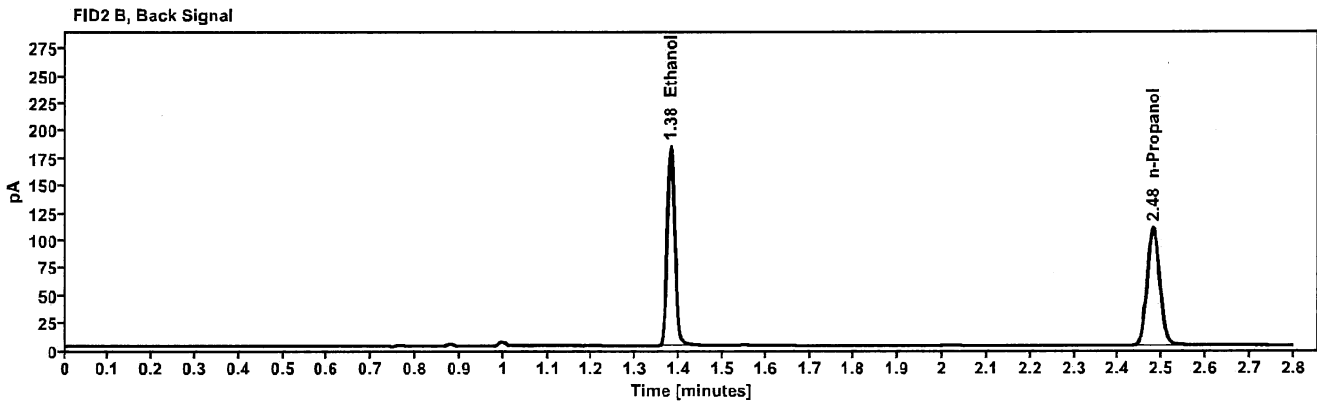
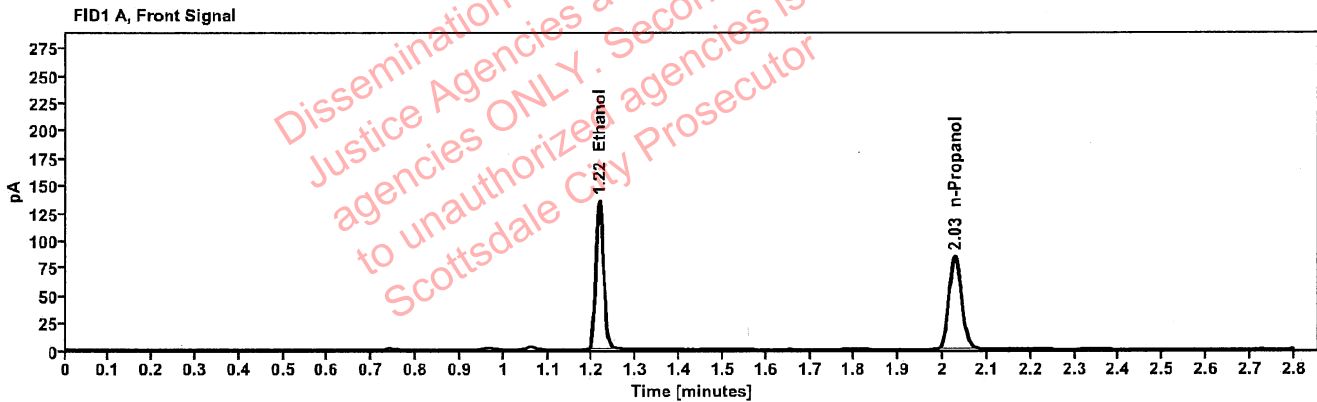


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2837	1.216	171.674
n-Propanol	-----	2.027	168.418

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

Compound	Time (min)	Peak Area
Ethanol	1.381	220.567
n-Propanol	2.480	215.815

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429550	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:38:23 PM
Data file:	C:\Chem32\1\Data\15Jul22\41.D	Analyst:	Brooke

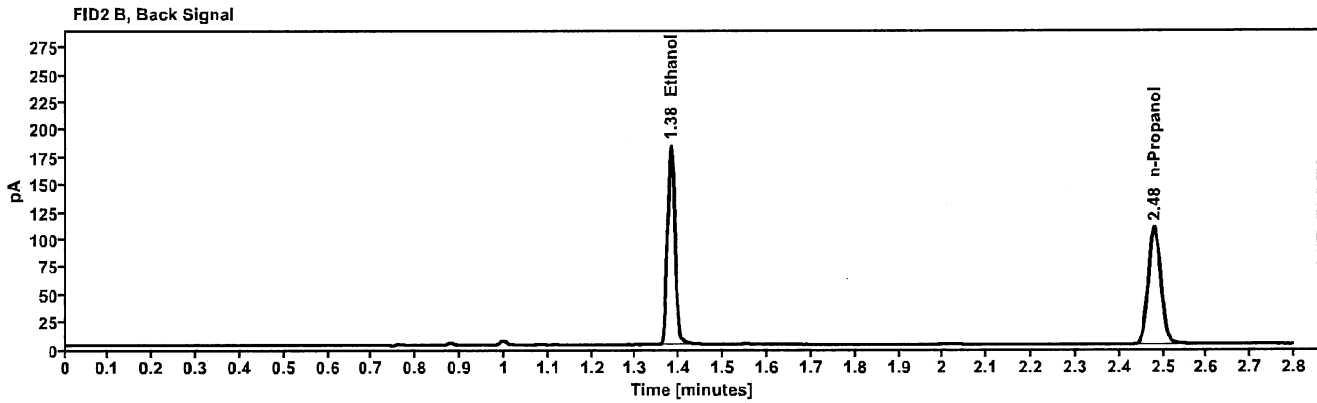
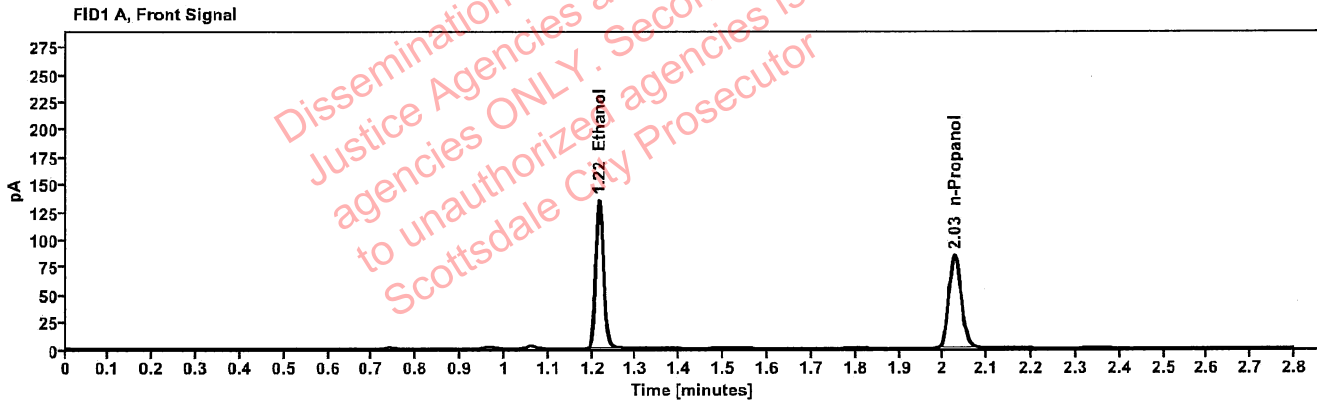


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2832	1.216	171.086
n-Propanol	-----	2.027	168.138

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

Compound	Time (min)	Peak Area
Ethanol	1.380	219.686
n-Propanol	2.479	215.368

Brooke, Phillip - (18-Jul-2022)

Case: User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429594	Vial:	43
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:46:36 PM
Data file:	C:\Chem32\1\Data\15Jul22\43.D	Analyst:	Brooke

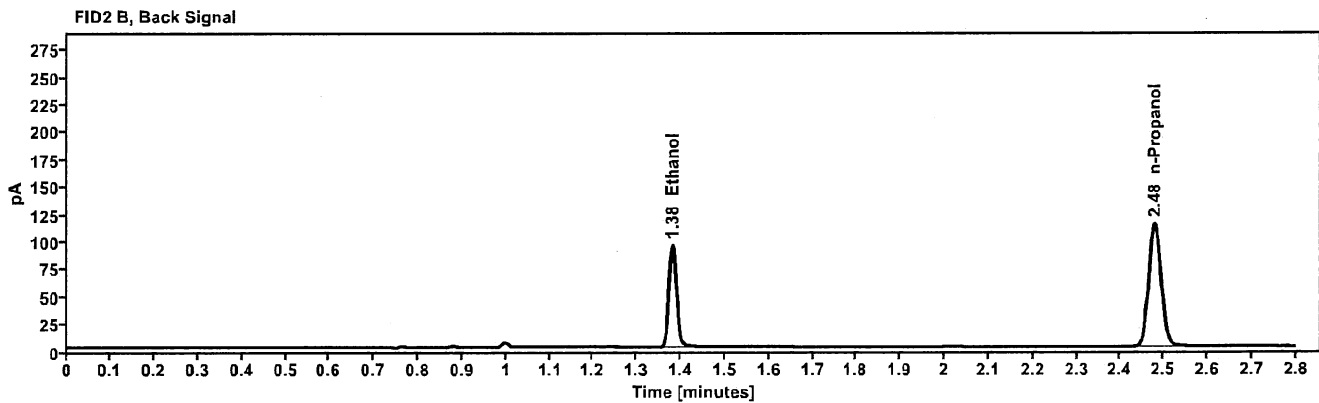
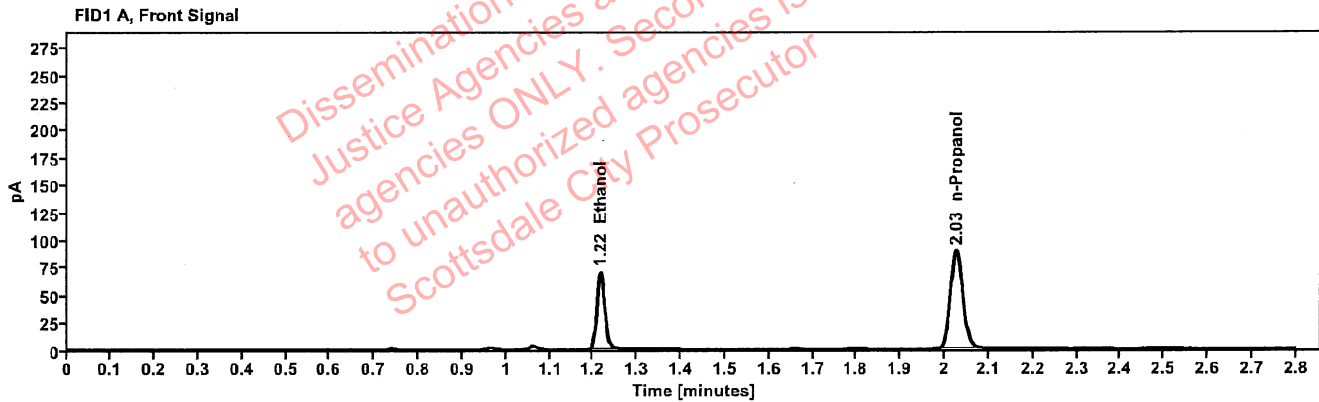


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1408	1.216	88.642
n-Propanol	-----	2.027	176.980

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

Compound	Time (min)	Peak Area
Ethanol	1.381	113.642
n-Propanol	2.479	226.669

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429594	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:50:37 PM
Data file:	C:\Chem32\1\Data\15Jul22\44.D	Analyst:	Brooke

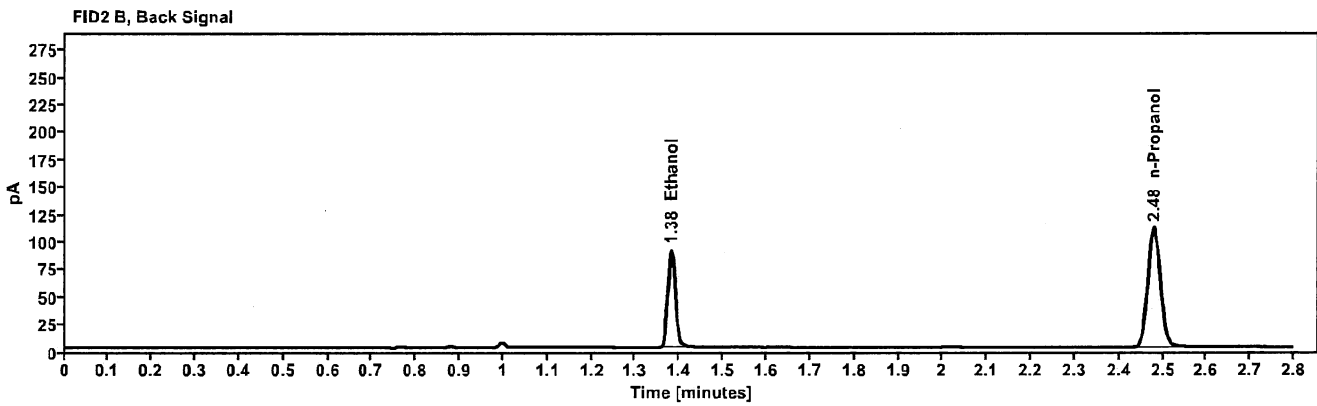
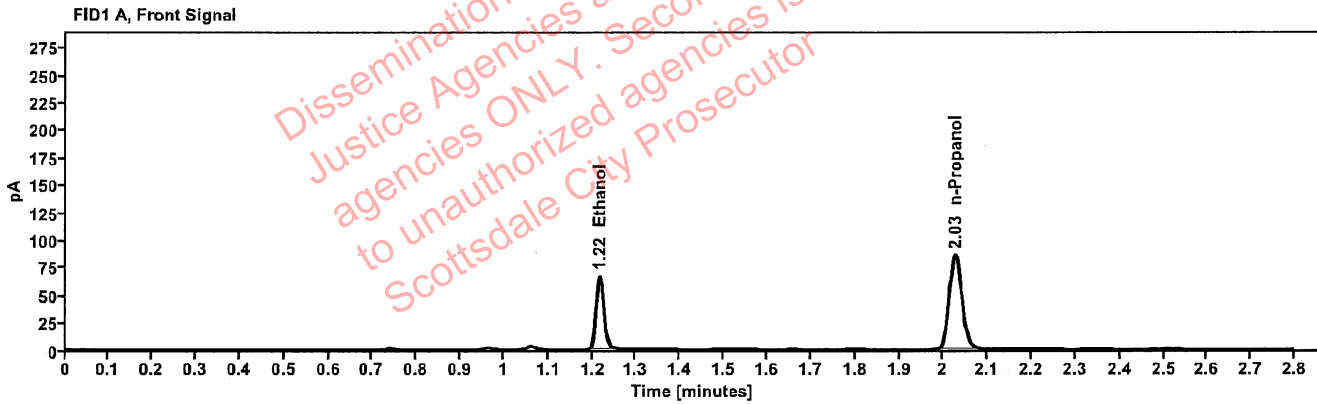


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1390	1.216	84.686
n-Propanol	-----	2.027	171.273

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

Compound	Time (min)	Peak Area
Ethanol	1.381	108.302
n-Propanol	2.479	219.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429573	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:54:36 PM
Data file:	C:\Chem32\1\Data\15Jul22\45.D	Analyst:	Brooke

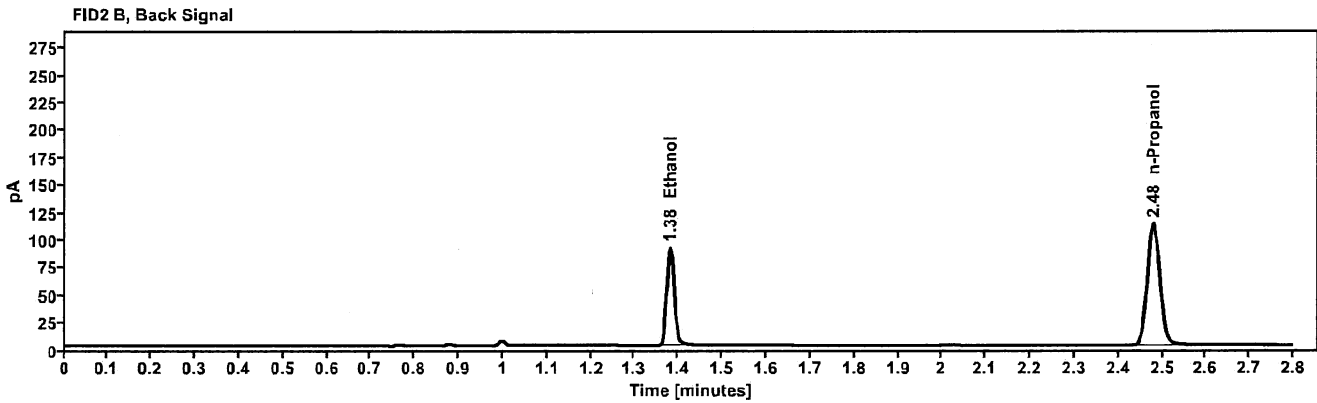
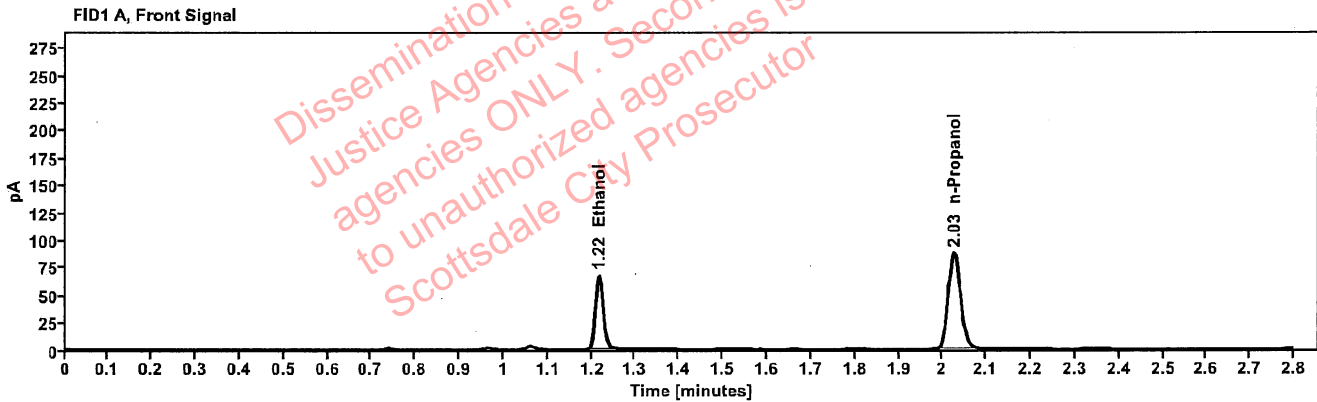


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1373	1.216	84.932
n-Propanol	-----	2.027	173.971

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

Compound	Time (min)	Peak Area
Ethanol	1.381	108.499
n-Propanol	2.480	222.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429573	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 1:58:37 PM
Data file:	C:\Chem32\1\Data\15Jul22\46.D	Analyst:	Brooke

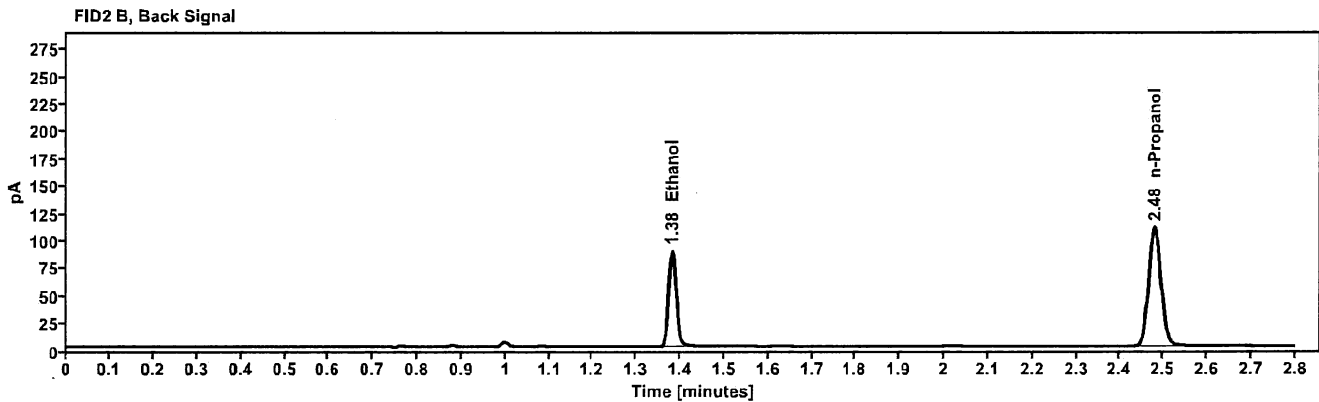
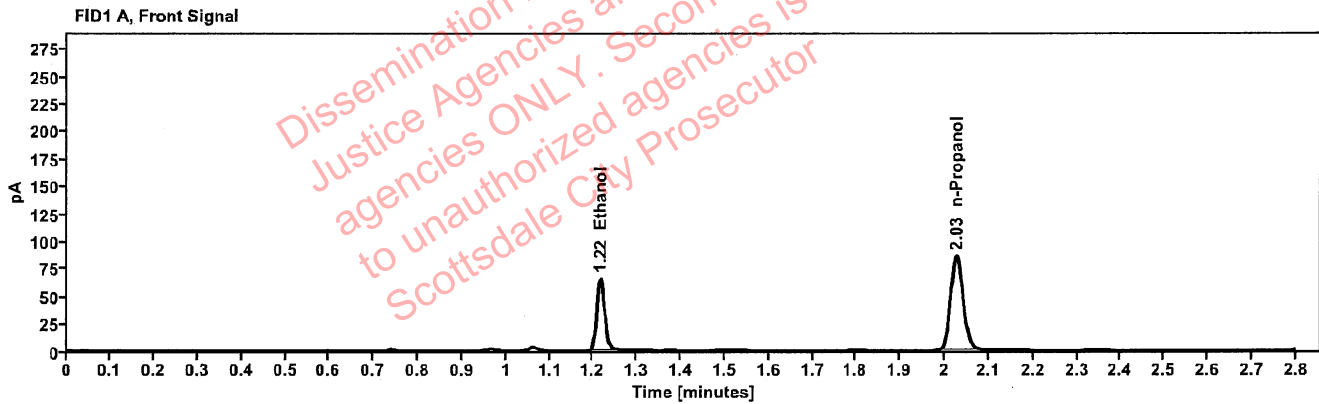


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1365	1.217	82.847
n-Propanol	-----	2.027	170.720

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

Compound	Time (min)	Peak Area
Ethanol	1.381	105.831
n-Propanol	2.480	218.642

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429576	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 2:02:37 PM
Data file:	C:\Chem32\1\Data\15Jul22\47.D	Analyst:	Brooke

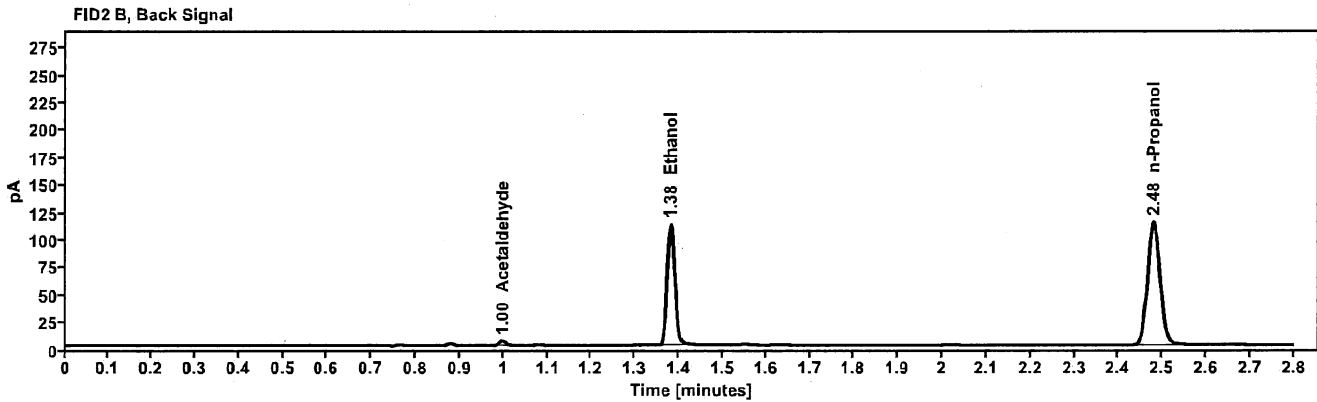
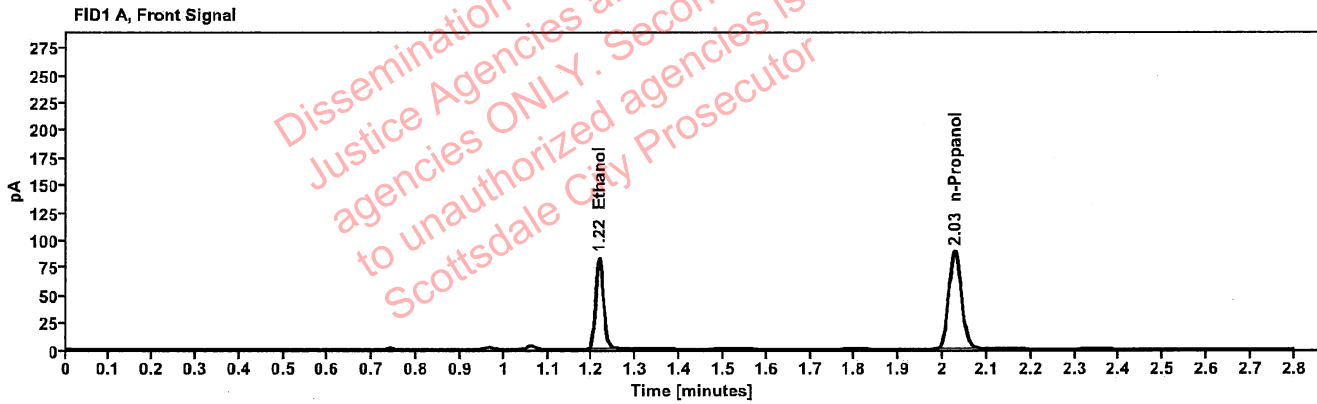


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1664	1.216	105.066
n-Propanol	-----	2.027	176.934

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	3.982
Ethanol	1.381	134.816
n-Propanol	2.480	226.734

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1429576	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 2:06:38 PM
Data file:	C:\Chem32\1\Data\15Jul22\48.D	Analyst:	Brooke

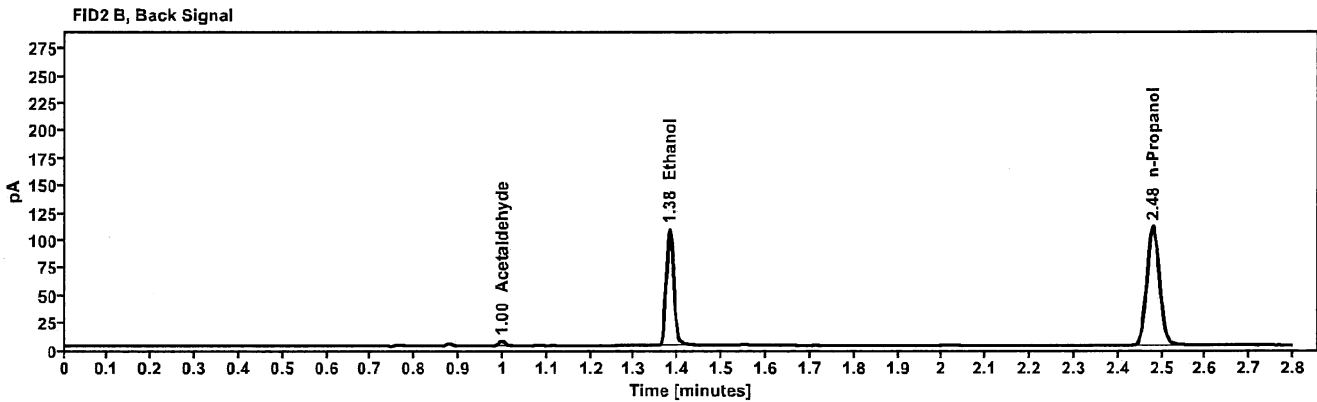
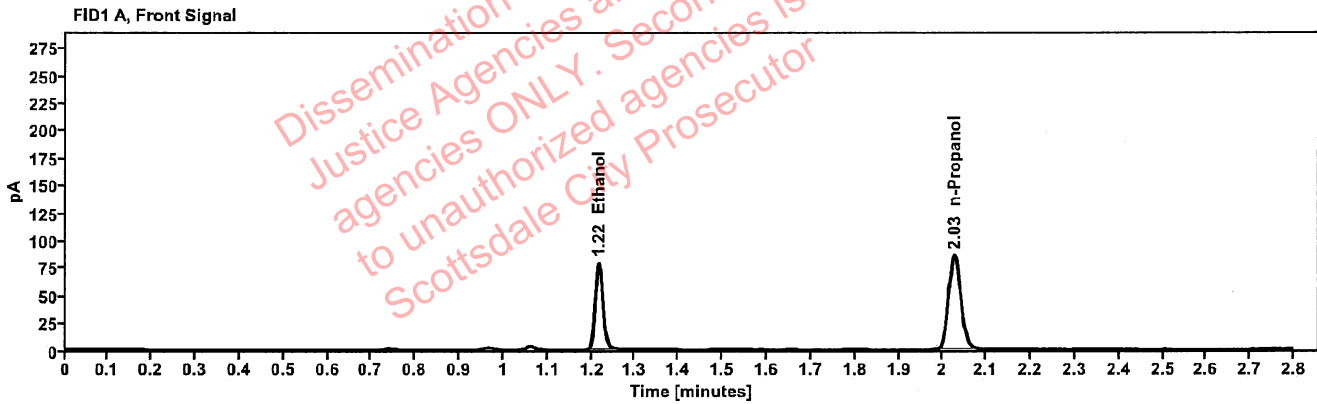


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1648	1.216	100.356
n-Propanol	-----	2.027	170.662

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	3.925
Ethanol	1.381	128.785
n-Propanol	2.479	218.715

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430201	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 2:10:51 PM
Data file:	C:\Chem32\1\Data\15Jul22\49.D	Analyst:	Brooke

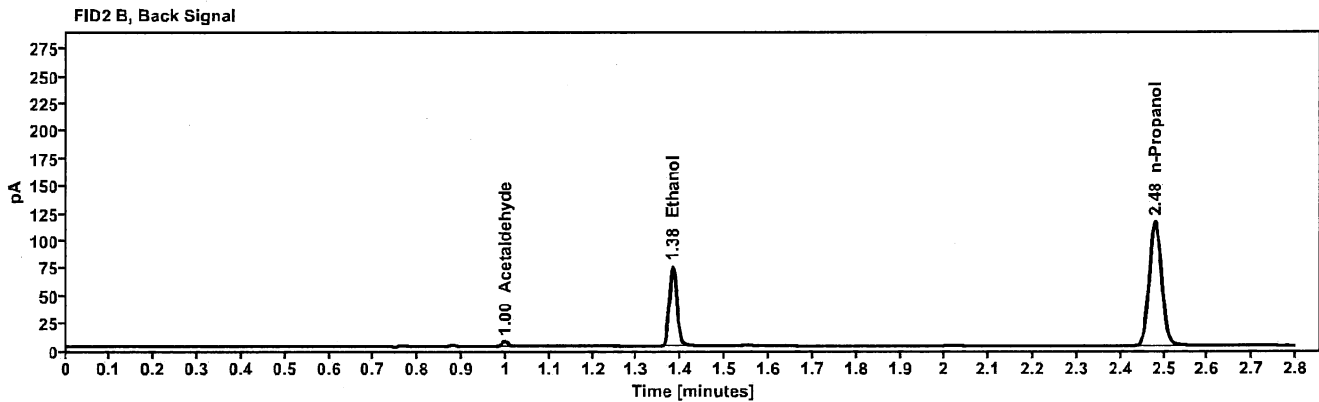
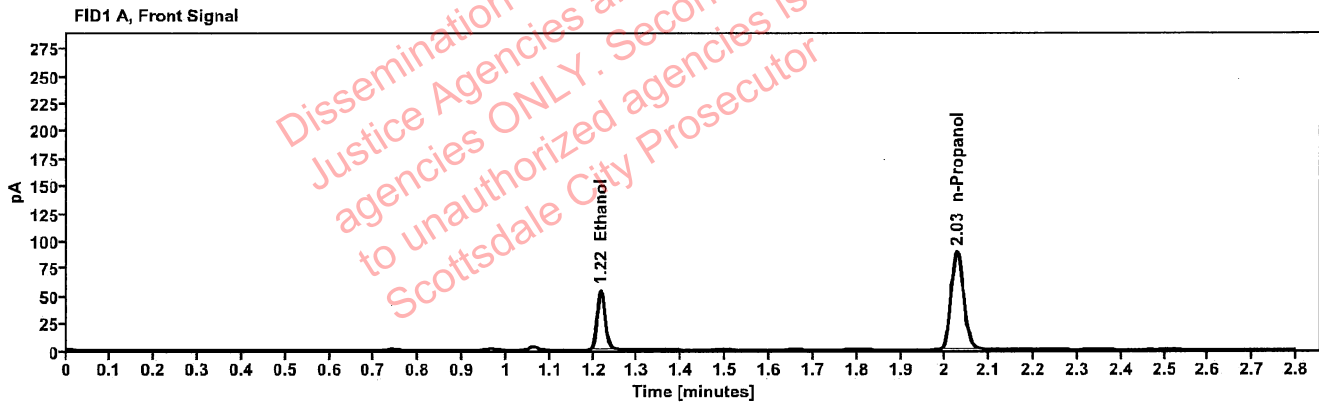


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1094	1.217	68.824
n-Propanol	-----	2.027	177.914

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.110
Ethanol	1.381	88.090
n-Propanol	2.480	227.798

Brooke, Phillip - (18-Jul-2022)

Case: User: pbrooke 7/18/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430201	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/15/2022 2:14:51 PM
Data file:	C:\Chem32\1\Data\15Jul22\50.D	Analyst:	Brooke

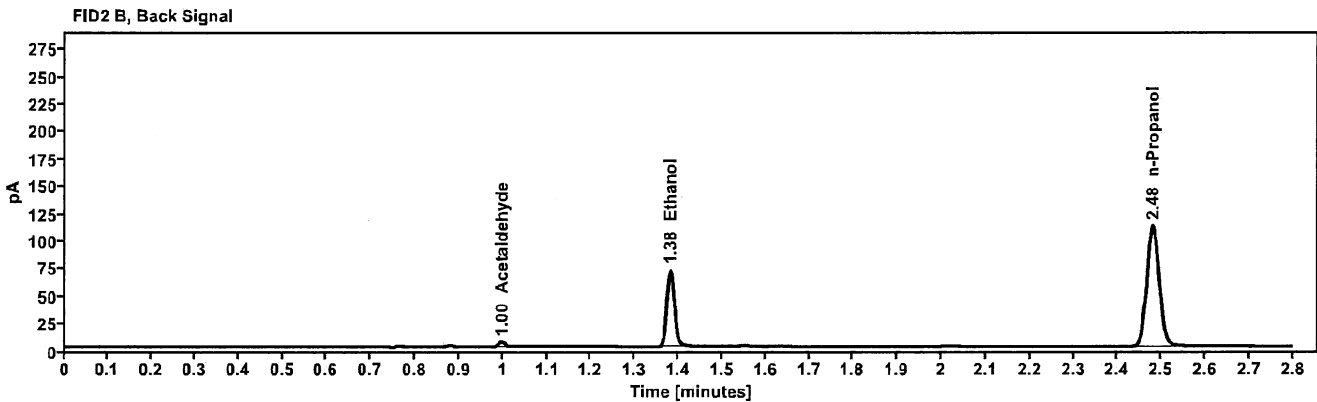
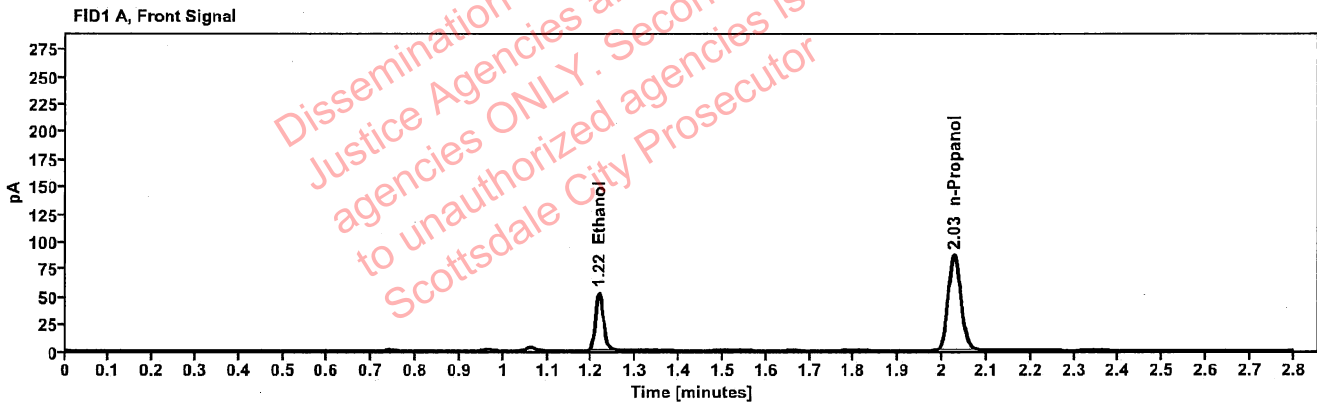


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1090	1.217	66.534
n-Propanol	-----	2.027	172.625

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.998	4.008
Ethanol	1.381	85.006
n-Propanol	2.480	221.006