

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/13/2024

SEQUENCE NAME 13Nov24

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r^2)
 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

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 050624WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.413 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.103 g/dL	Lipomed 517758
31	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
42	Aqueous control	0.100 g/dL	0.098 g/dL	Lipomed 517758
53	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 12052023-B
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
55	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
56	Blank	Not detected	Not detected	SPD lab 090524AQ

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Phaedra Bernal Analyst
 Run valid Run invalid Erika Camonico Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

PB

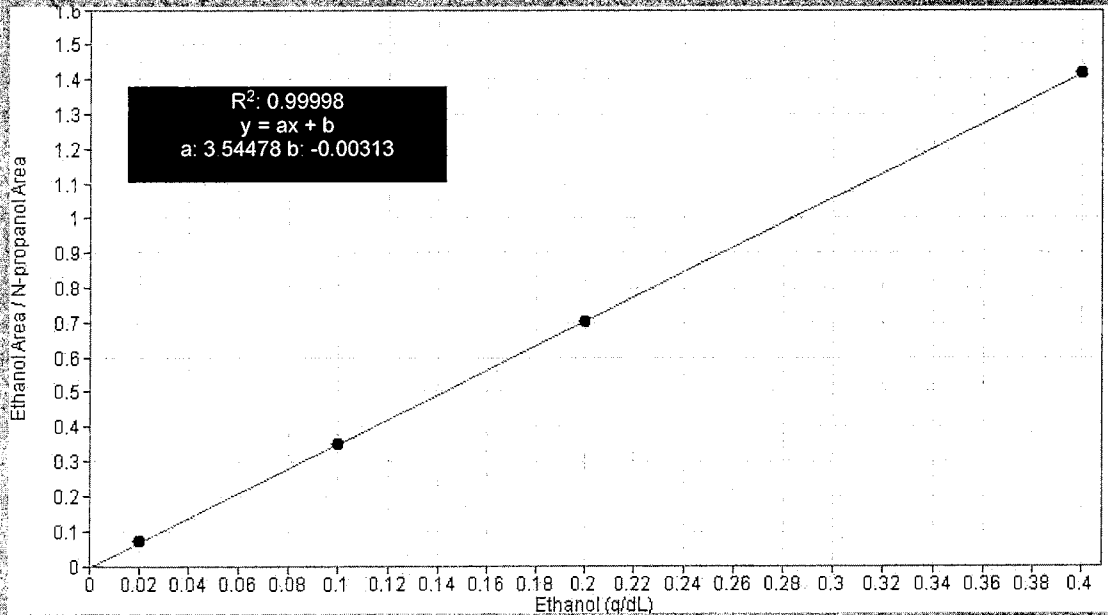
SEQUENCE NAME: 13Nov24

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	5	negative	negative	-	-
0.400 12052023-B	7	0.413	0.400	3.25	0.013
0.040 518018	8	0.041	0.040	2.50	0.001
0.199 4110320133/11	9	0.203	0.199	2.01	0.004
0.100 517758	20	0.103	0.100	3.00	0.003
0.199 4110320133/11	31	0.202	0.199	1.51	0.003
0.100 517758	42	0.098	0.100	2.00	-0.002
0.400 12052023-B	53	0.400	0.400	0.00	0.000
0.040 518018	54	0.040	0.040	0.00	0.000
0.199 4110320133/11	55	0.204	0.199	2.51	0.005
blank 090524AQ	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.330	175.165	0.070
0.100	60.655	173.056	0.351
0.200	120.730	171.950	0.702
0.400	237.546	167.673	1.417

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

73

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 13Nov24
Method: ethanol quant.M	Injection date: 11/13/2024 6:10:26 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\13Nov24\1.D	

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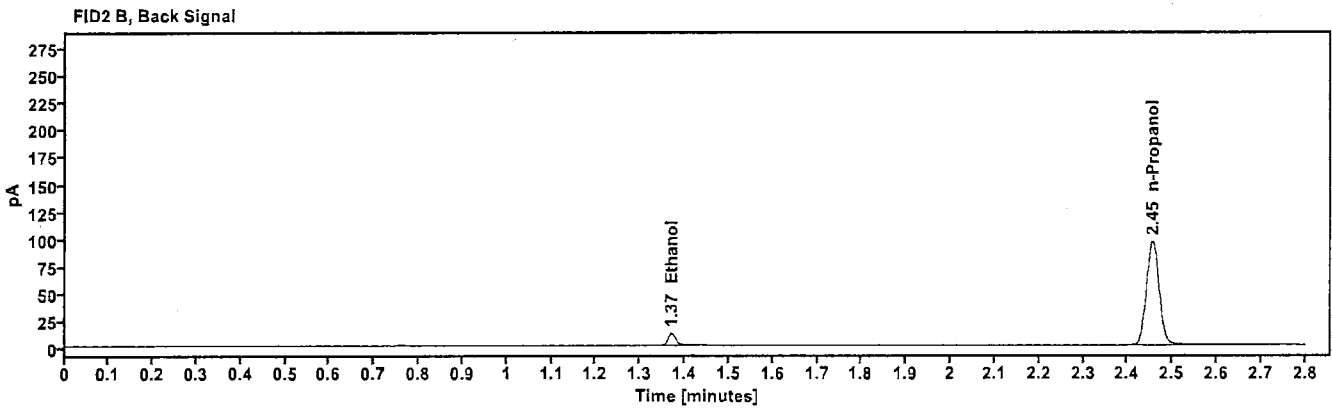
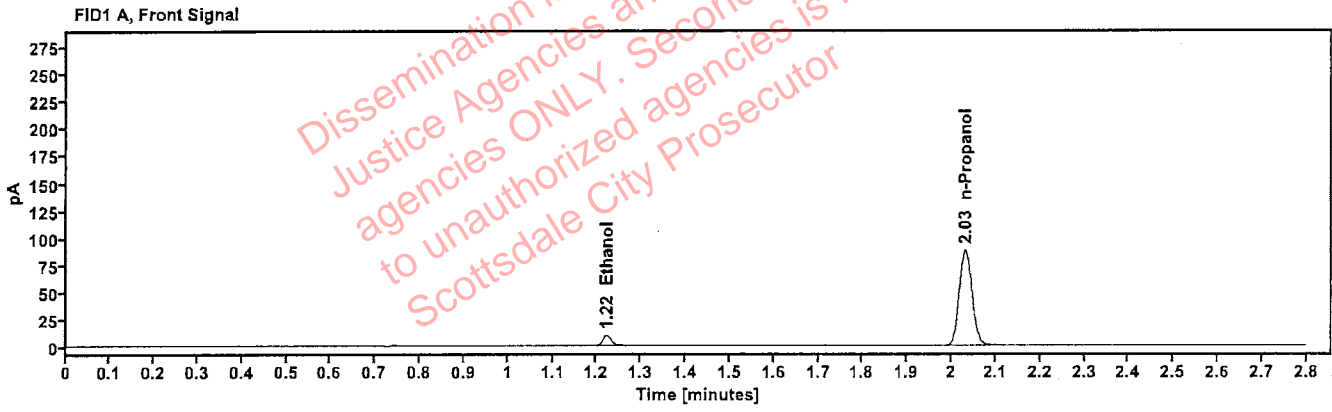


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	12.330
n-Propanol	2.031	175.165

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

Compound	Time (min)	Peak Area
Ethanol	1.370	13.514
n-Propanol	2.455	190.725

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 13Nov24
Method: ethanol quant.M	Injection date: 11/13/2024 6:14:26 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\13Nov24\2.D	

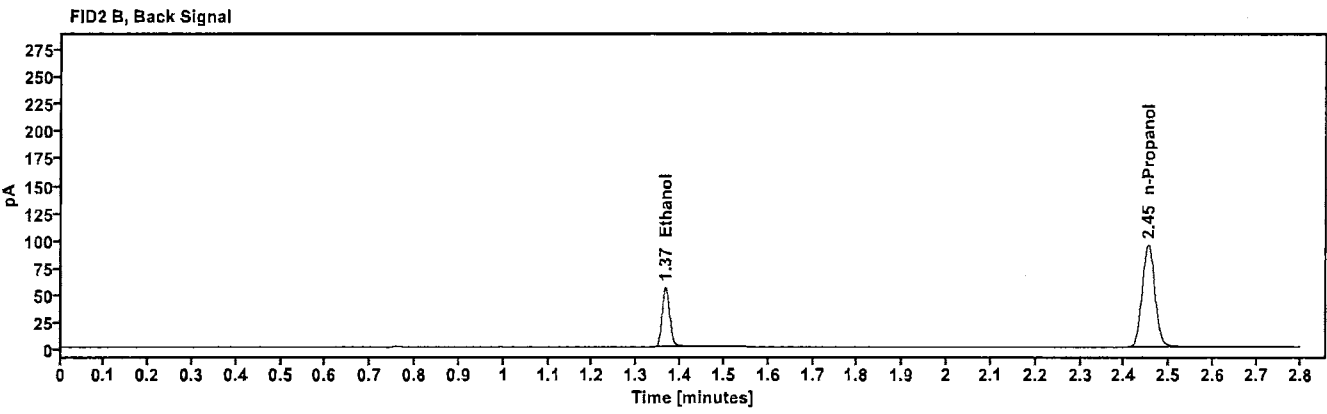
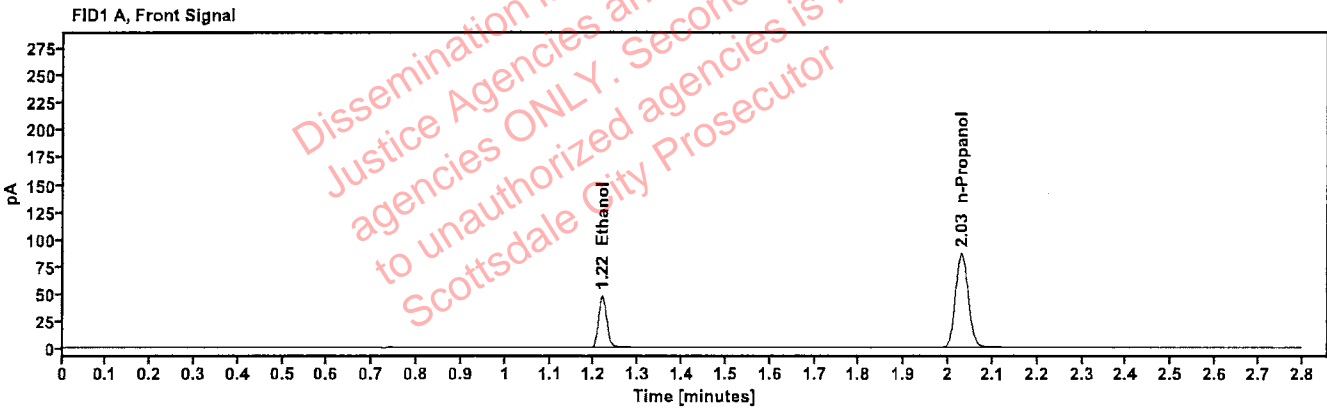


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	60.655
n-Propanol	2.029	173.056

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

Compound	Time (min)	Peak Area
Ethanol	1.366	66.567
n-Propanol	2.453	188.403

Scottsdale Police Department Crime Lab Volatiles Analysis

198

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 13Nov24
Method: ethanol quant.M	Injection date: 11/13/2024 6:18:26 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\13Nov24\3.D	

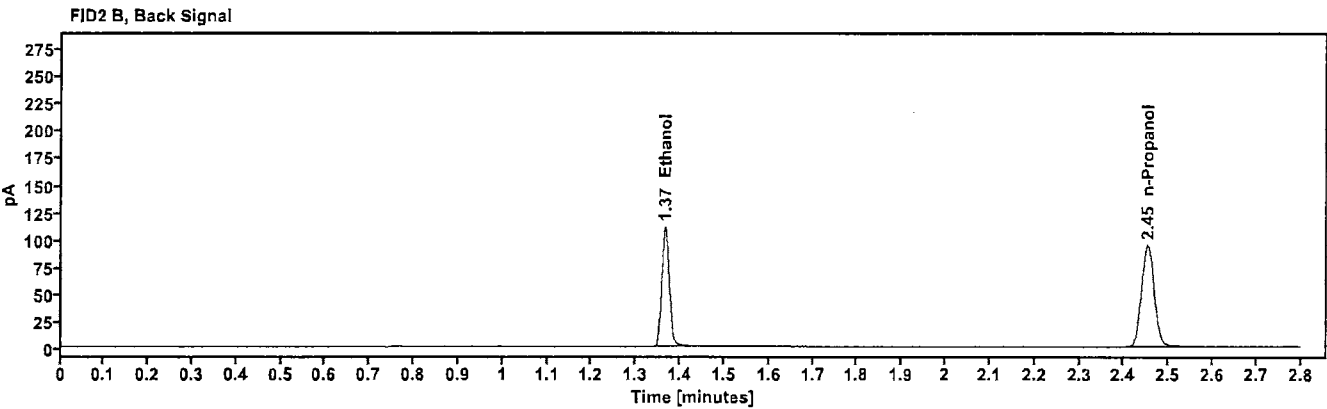
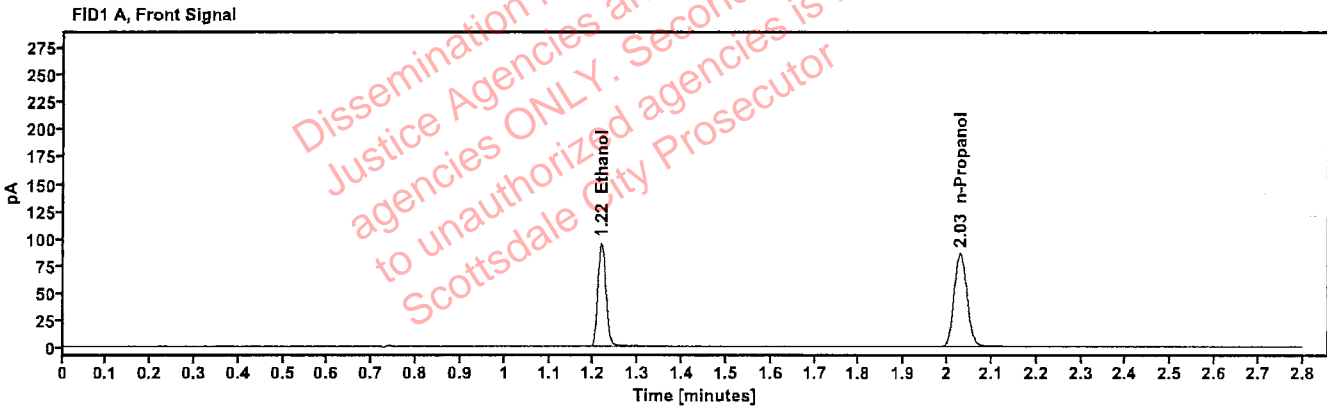


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	120.730
n-Propanol	2.029	171.950

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

Compound	Time (min)	Peak Area
Ethanol	1.365	132.742
n-Propanol	2.453	186.990

Scottsdale Police Department Crime Lab Volatiles Analysis

912

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 13Nov24
Method: ethanol quant.M	Injection date: 11/13/2024 6:22:26 PM
Instrument: US14173023 CN14160045	Analyst: Brooke
Data file: C:\Chem32\1\Data\13Nov24\4.D	

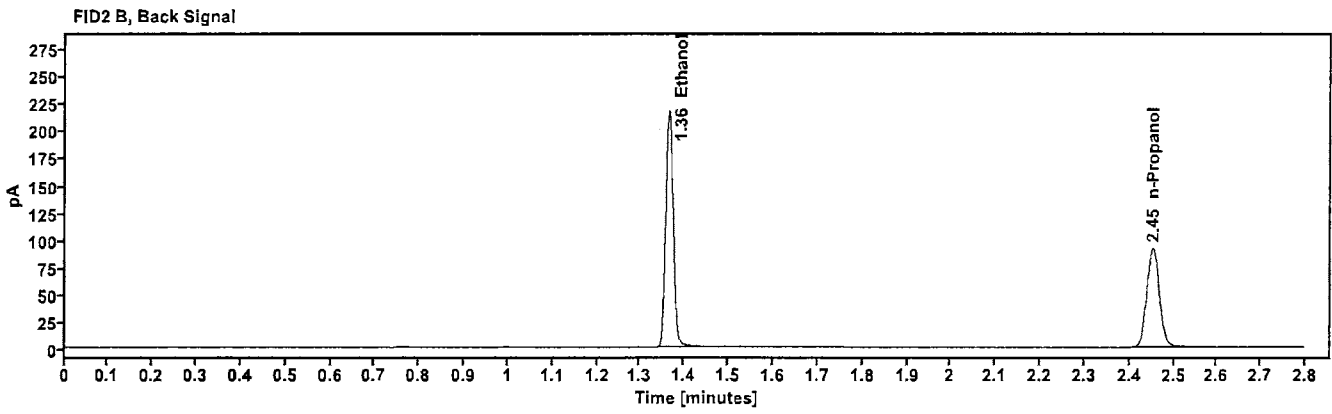
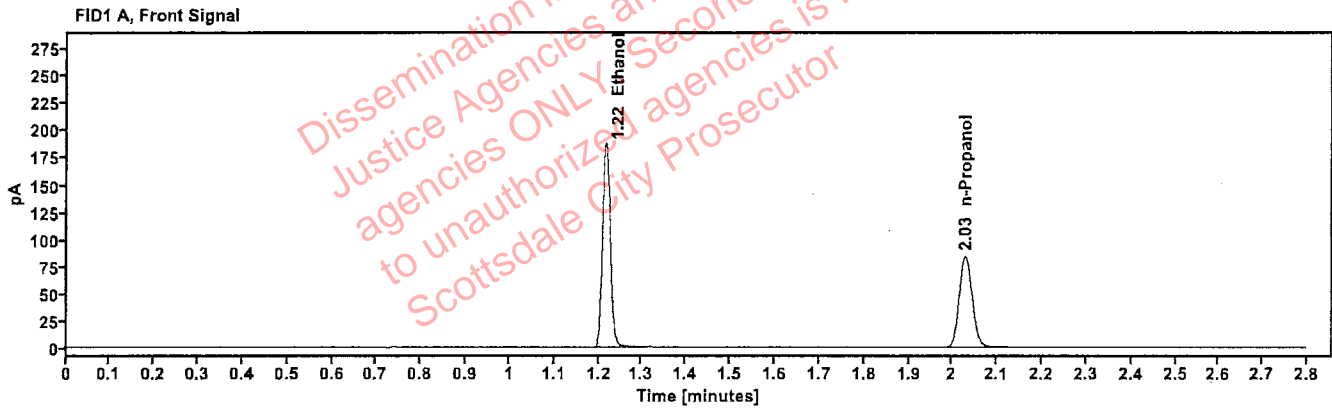


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.217	237.546
n-Propanol	2.029	167.673

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

Compound	Time (min)	Peak Area
Ethanol	1.365	262.007
n-Propanol	2.453	182.290

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050624WB	Vial: 5
Description: Negative	LIMS ID: 990
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 6:26:27 PM
Data file: C:\Chem32\1\Data\13Nov24\5.D	Analyst: Brooke

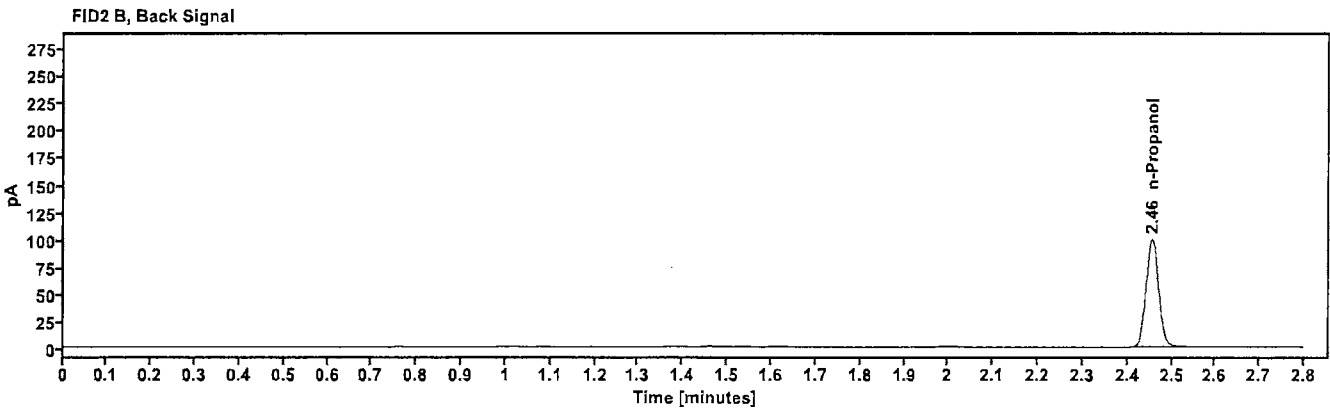
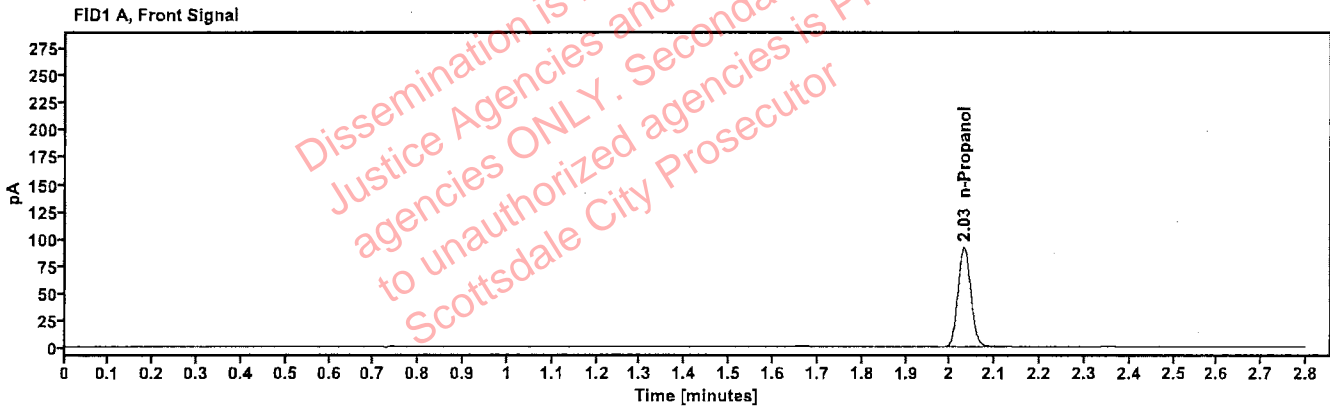


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.031	182.536

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

Compound	Time (min)	Peak Area
n-Propanol	2.455	198.480

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID: 4FB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 6:30:27 PM
Data file: C:\Chem32\1\Data\13Nov24\6.D	Analyst: Brooke

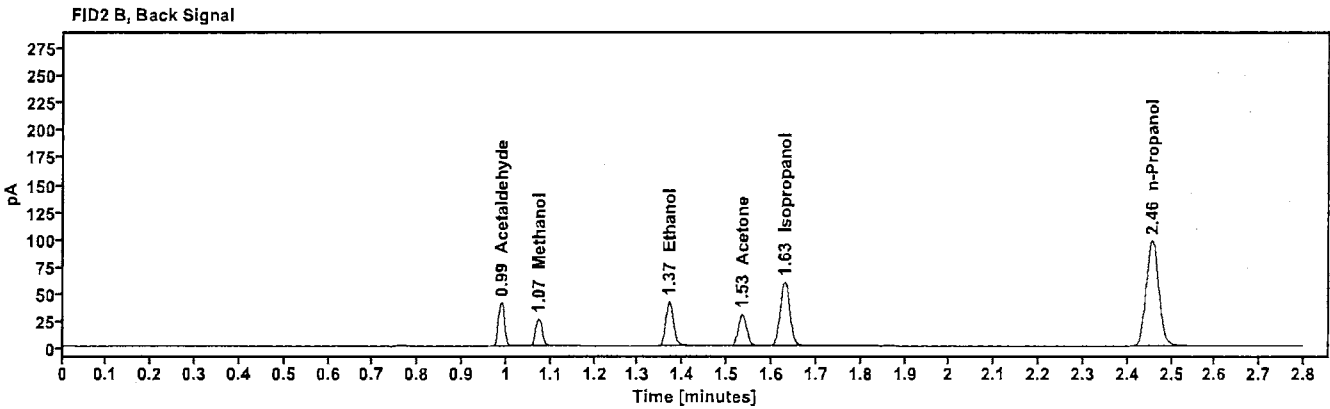
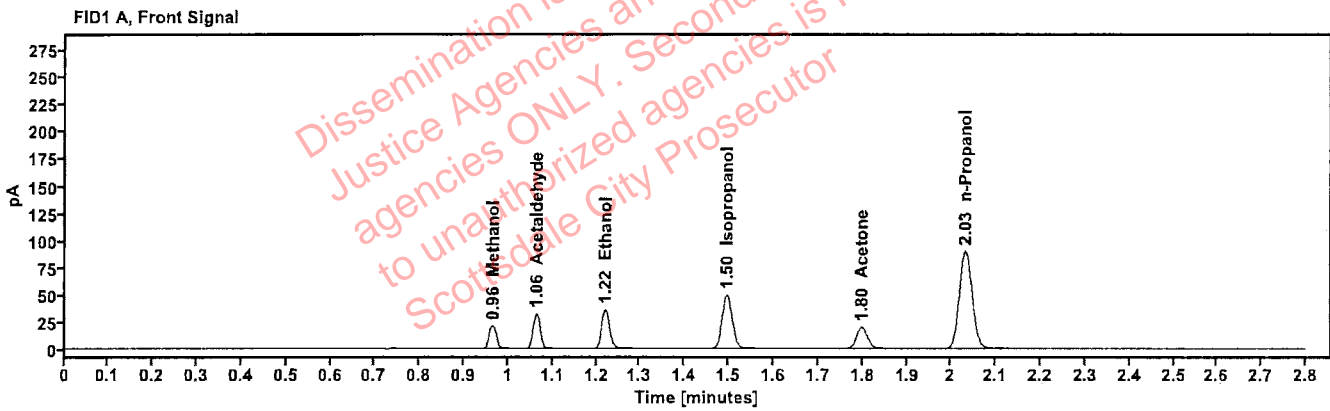


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	24.030
Acetaldehyde	-----	1.063	34.911
>Ethanol	0.0725	1.220	45.540
Isopropanol	-----	1.495	79.076
Acetone	-----	1.798	34.406
n-Propanol	-----	2.031	179.304

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	39.112
Methanol	1.072	26.728
Ethanol	1.369	49.860
Acetone	1.534	37.973
Isopropanol	1.629	87.378
n-Propanol	2.456	194.603

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 7
Description: 0.400	LIMS ID: PB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 6:34:42 PM
Data file: C:\Chem32\1\Data\13Nov24\7.D	Analyst: Brooke

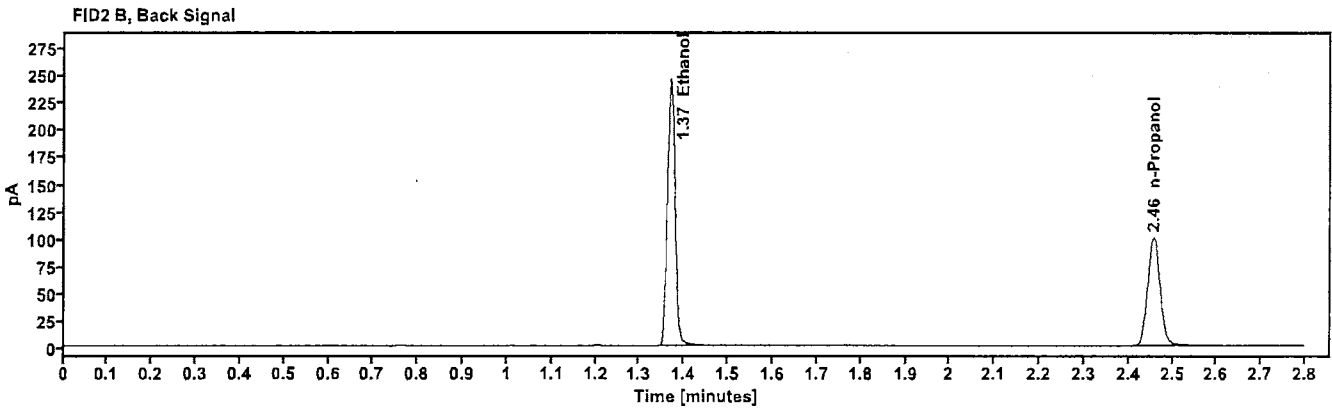
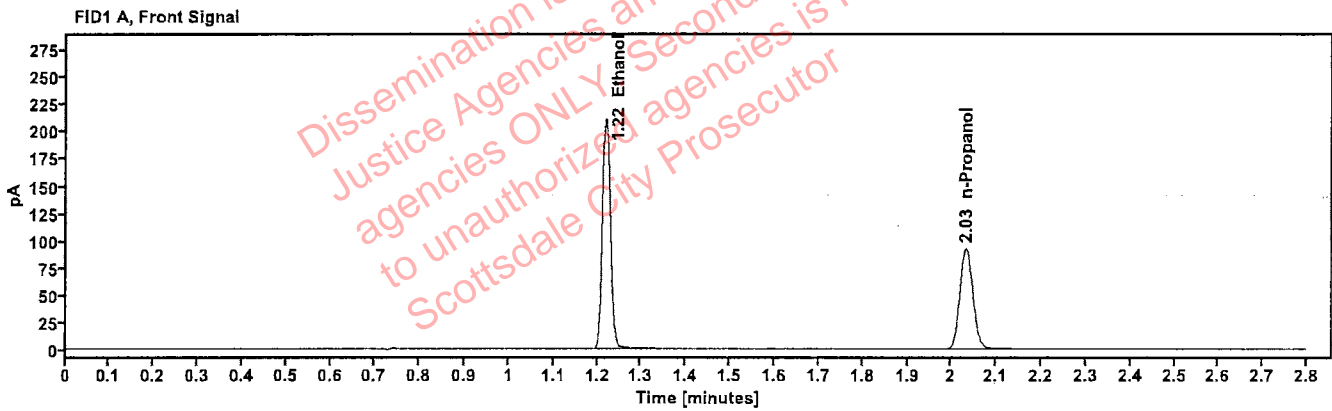


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4135	1.219	269.214
n-Propanol	----	2.032	184.056

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

Compound	Time (min)	Peak Area
Ethanol	1.369	296.697
n-Propanol	2.457	199.740

Scottsdale Police Department Crime Lab Volatiles Analysis

RB

Sample: 518018	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 6:38:42 PM
Data file: C:\Chem32\1\Data\13Nov24\8.D	Analyst: Brooke

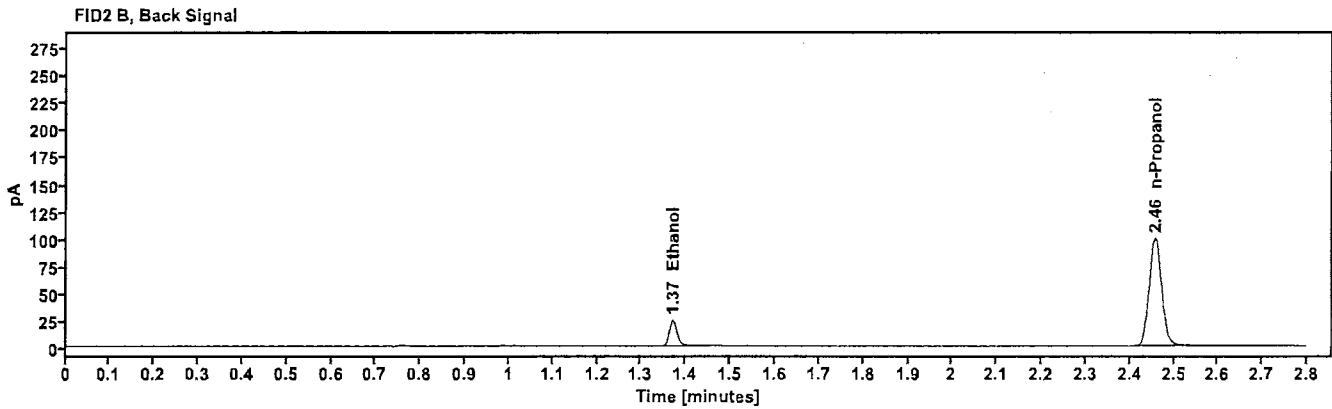
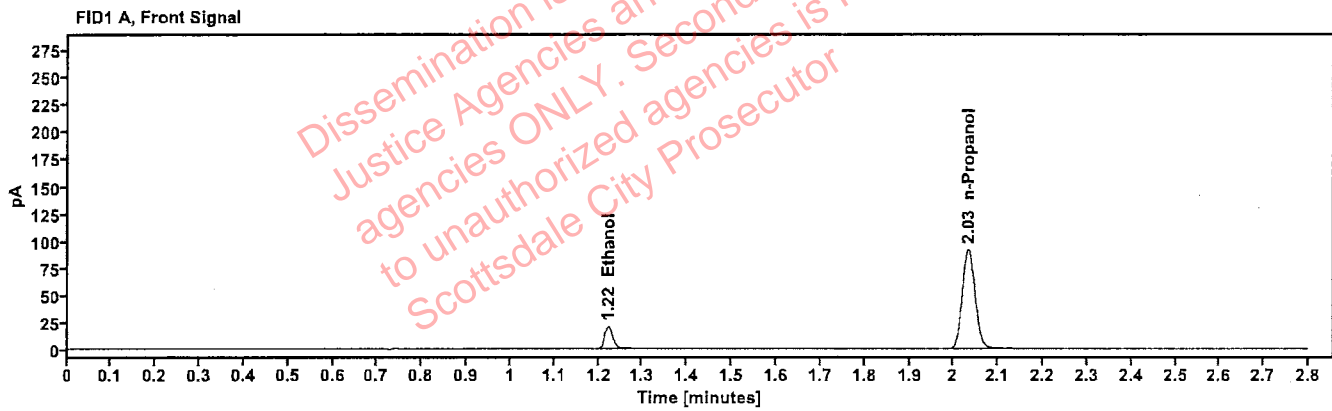


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.222	26.389
n-Propanol	-----	2.033	182.621

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

Compound	Time (min)	Peak Area
Ethanol	1.371	28.967
n-Propanol	2.458	197.981

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 6:42:41 PM
Data file: C:\Chem32\1\Data\13Nov24\9.D	Analyst: Brooke

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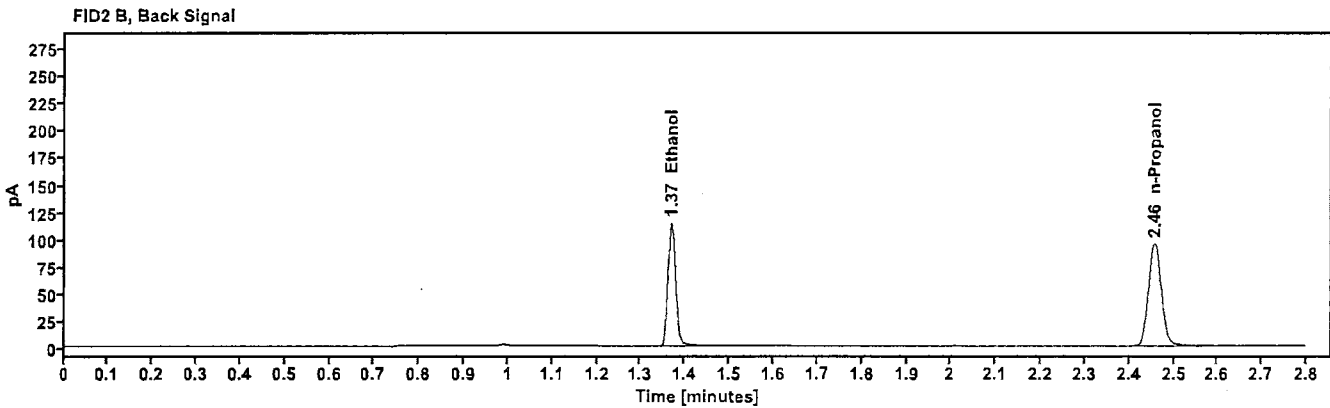
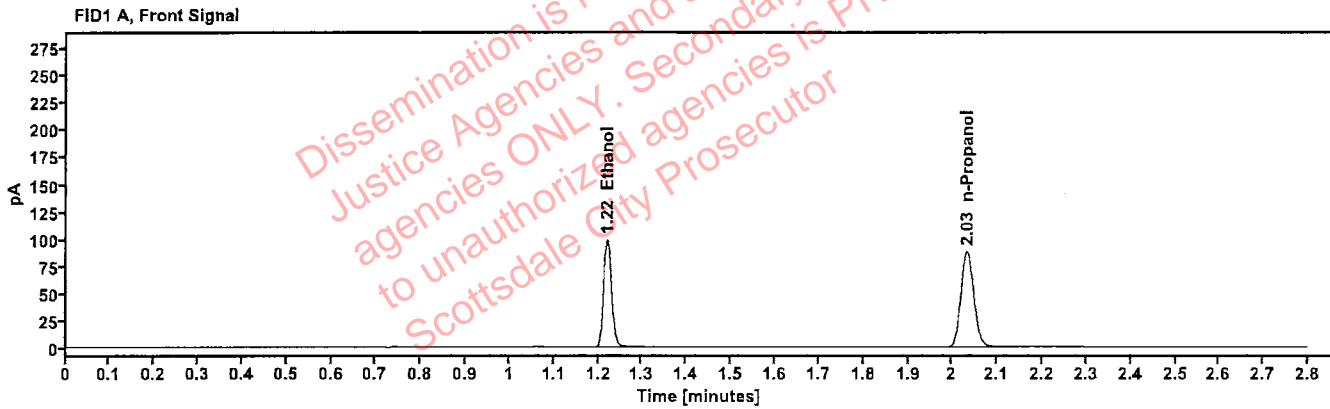


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.220	125.502
n-Propanol	-----	2.032	174.903

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

Compound	Time (min)	Peak Area
Ethanol	1.369	137.825
n-Propanol	2.457	190.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 20
Description: 0.100	LIMS ID: BB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 7:27:12 PM
Data file: C:\Chem32\1\Data\13Nov24\20.D	Analyst: Brooke

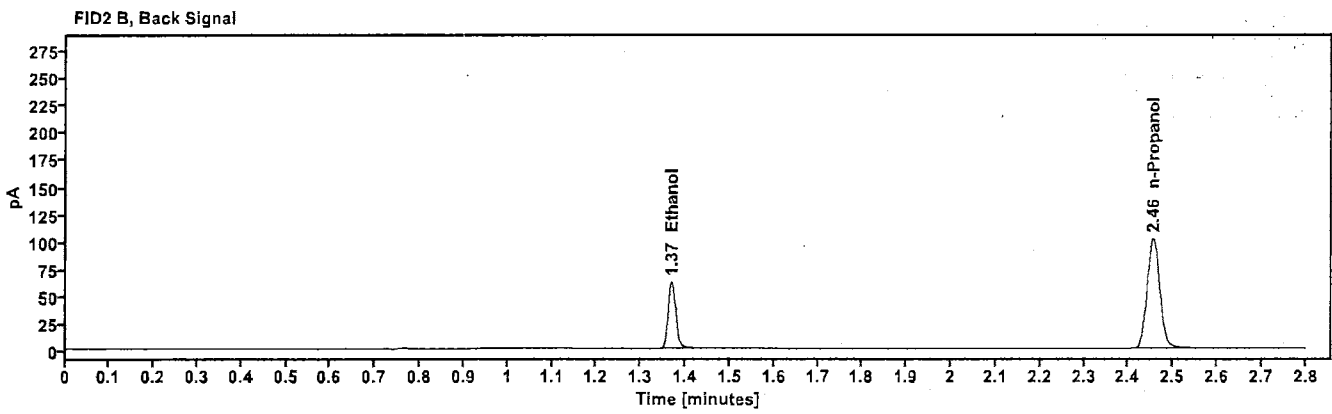
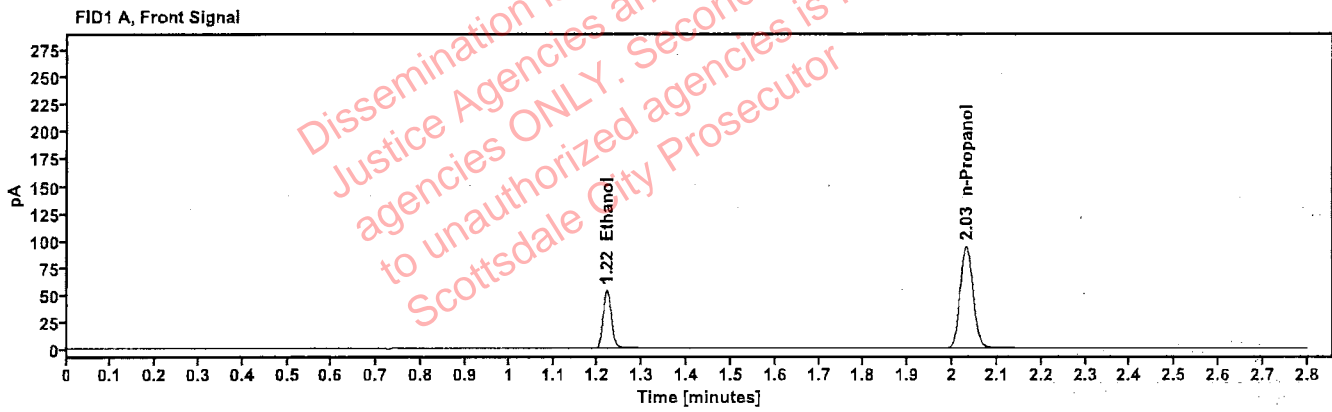


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1033	1.219	68.232
n-Propanol	---	2.031	187.951

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

Compound	Time (min)	Peak Area
Ethanol	1.369	74.957
n-Propanol	2.455	203.658

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 31
Description: 0.199	LIMS ID: BS
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 8:11:42 PM
Data file: C:\Chem32\1\Data\13Nov24\31.D	Analyst: Brooke

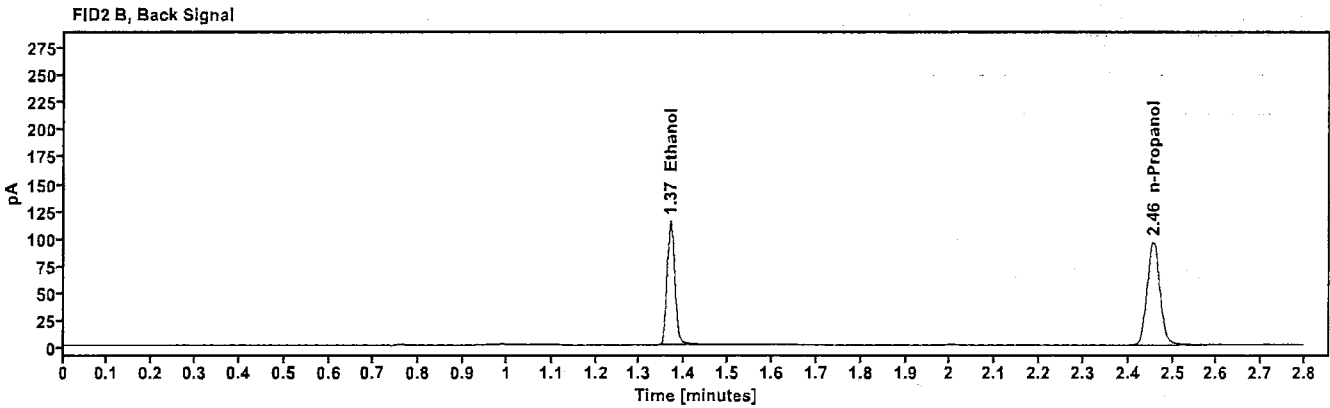
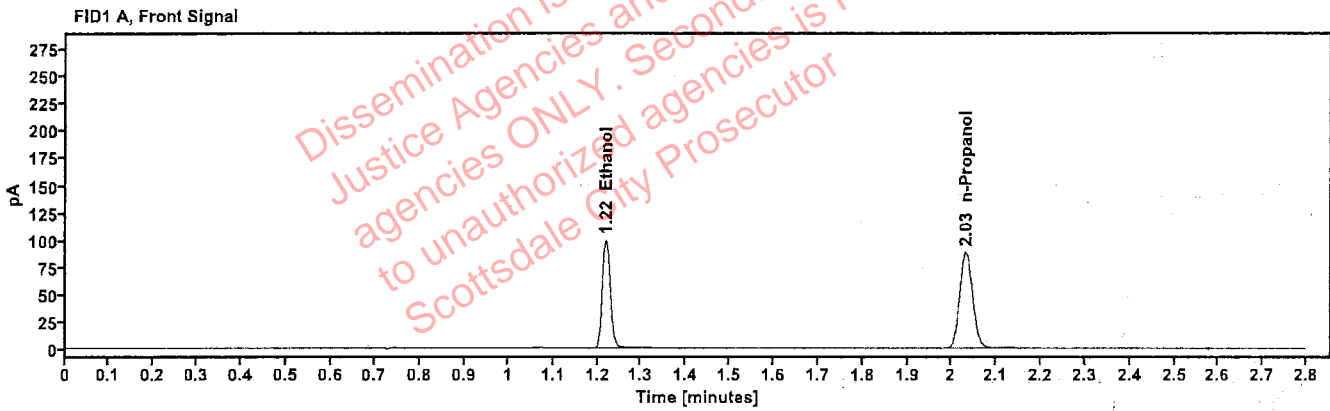


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.219	126.318
n-Propanol	-----	2.031	176.365

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

Compound	Time (min)	Peak Area
Ethanol	1.368	138.626
n-Propanol	2.456	191.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 517758	Vial: 42
Description: 0.100	LIMS ID: RB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 8:55:57 PM
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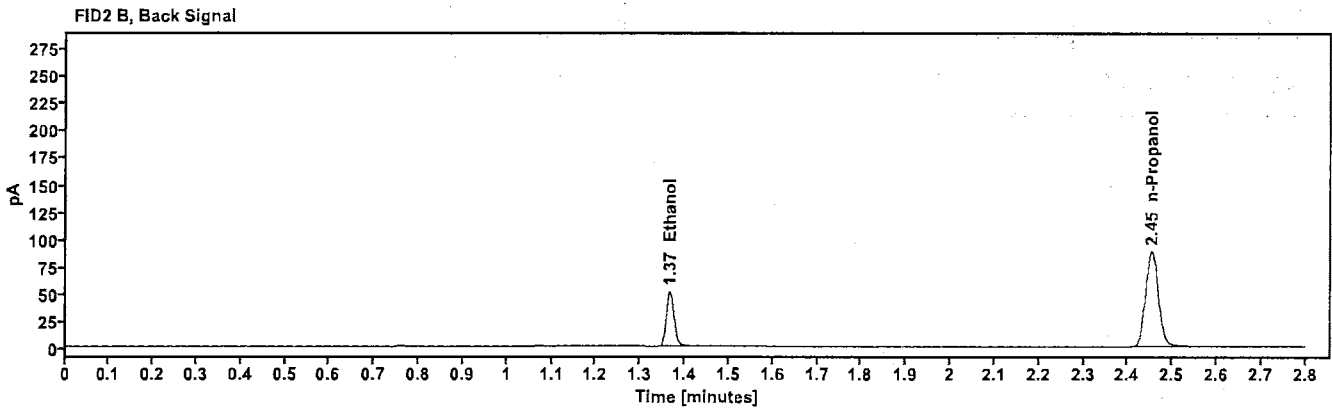
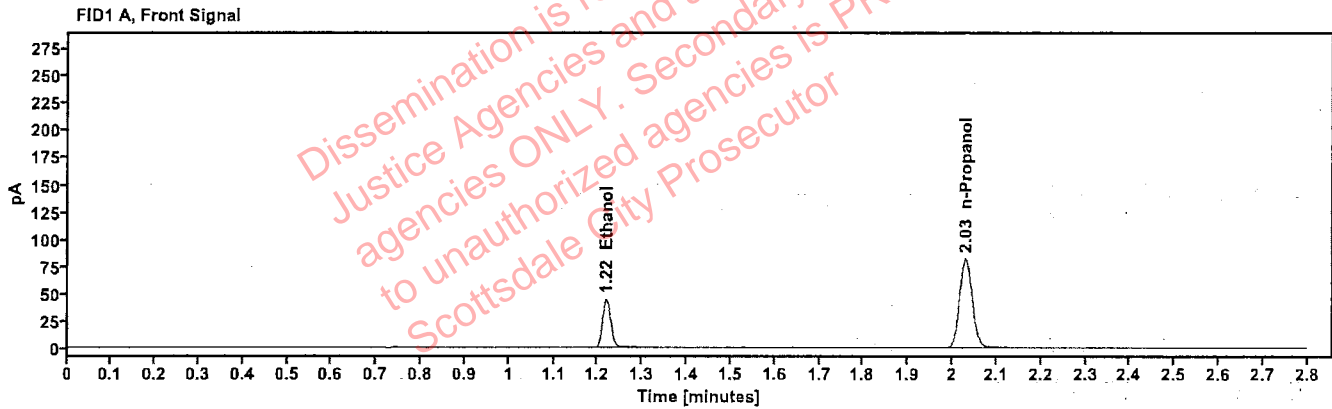


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0981	1.218	56.403
n-Propanol	—	2.029	163.643

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

Compound	Time (min)	Peak Area
Ethanol	1.366	61.687
n-Propanol	2.453	177.204

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 53
Description: 0.400	LIMS ID: PB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 9:40:27 PM
Data file: C:\Chem32\1\Data\13Nov24\53.D	Analyst: Brooke

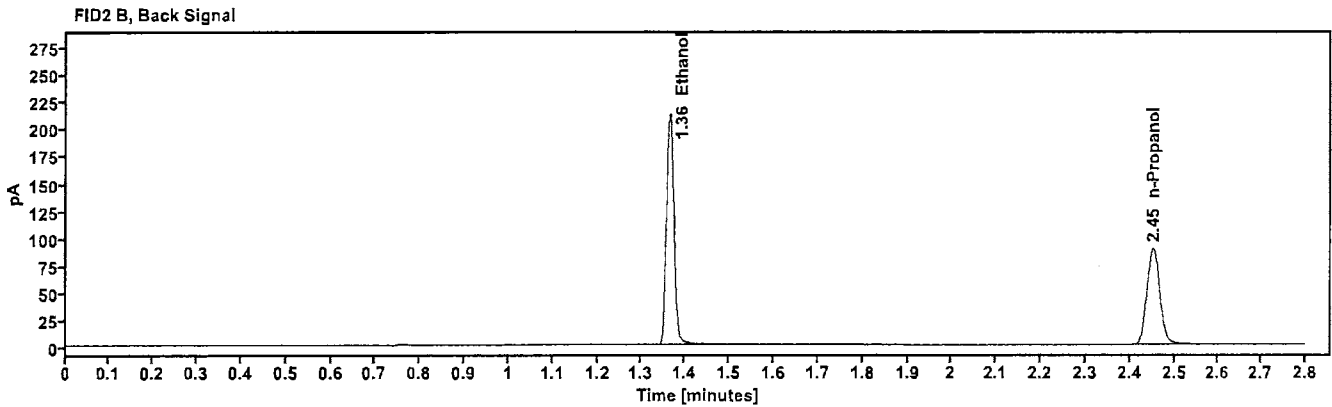
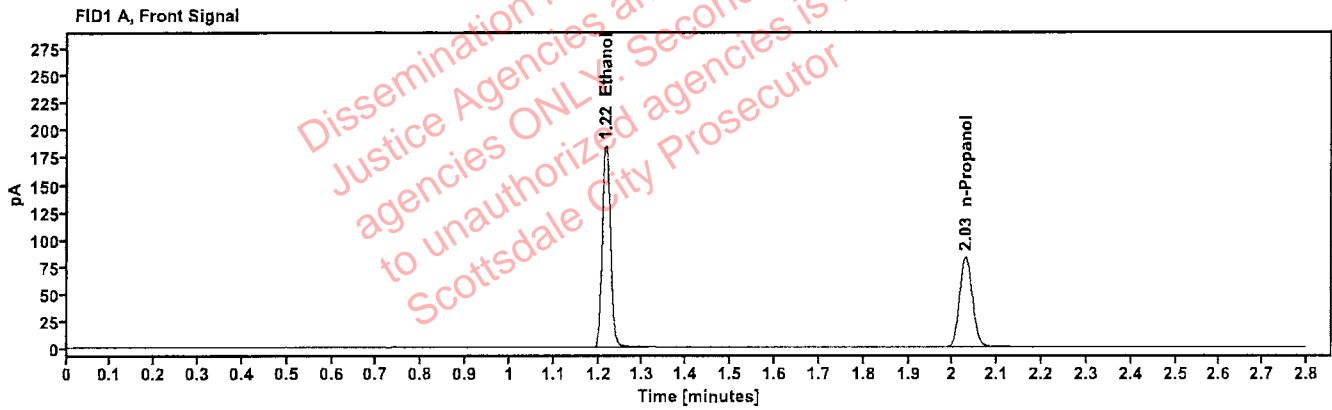


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4000	1.216	234.114
n-Propanol	-----	2.029	165.487

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

Compound	Time (min)	Peak Area
Ethanol	1.365	257.934
n-Propanol	2.452	179.581

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 54
Description: 0.040	LIMS ID: YB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 9:44:27 PM
Data file: C:\Chem32\1\Data\13Nov24\54.D	Analyst: Brooke

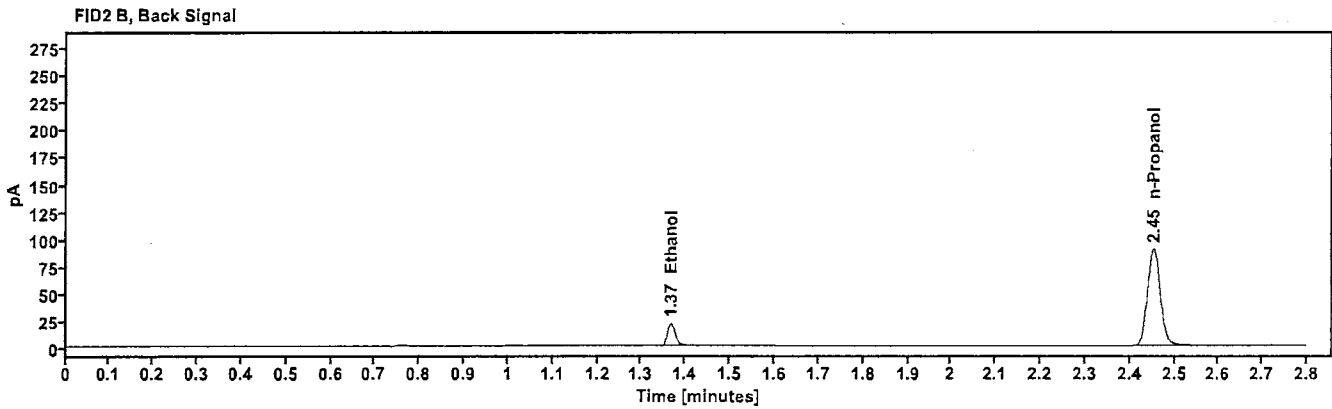
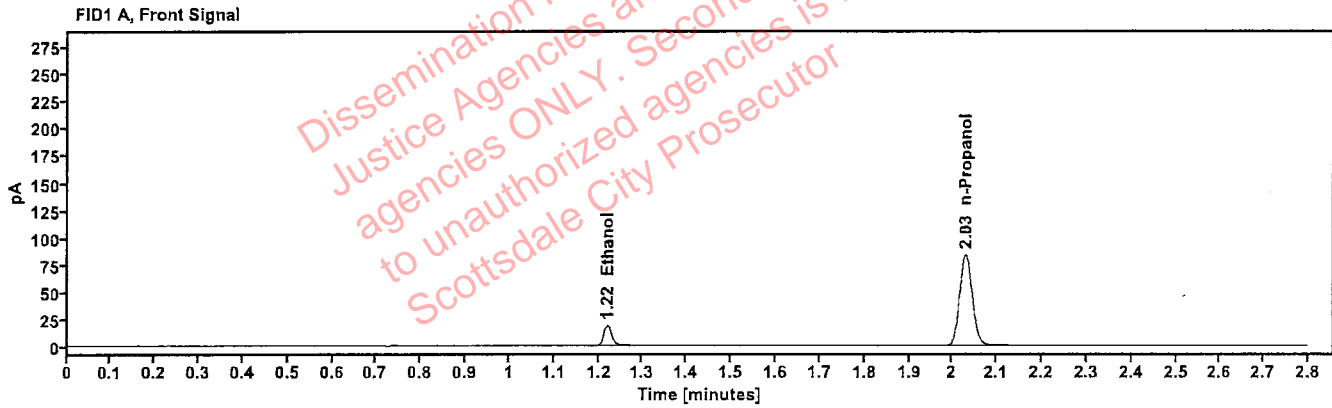


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.219	23.521
n-Propanol	-----	2.029	166.815

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

Compound	Time (min)	Peak Area
Ethanol	1.367	25.675
n-Propanol	2.453	180.774

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 55
Description: 0.199	LIMS ID: AB
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 9:48:43 PM
Data file: C:\Chem32\1\Data\13Nov24\55.D	Analyst: Brooke

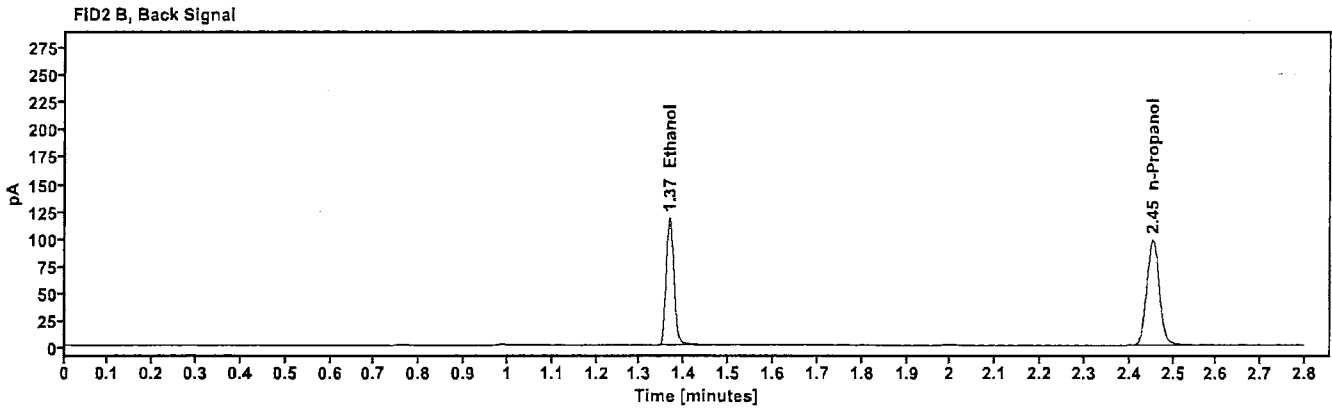
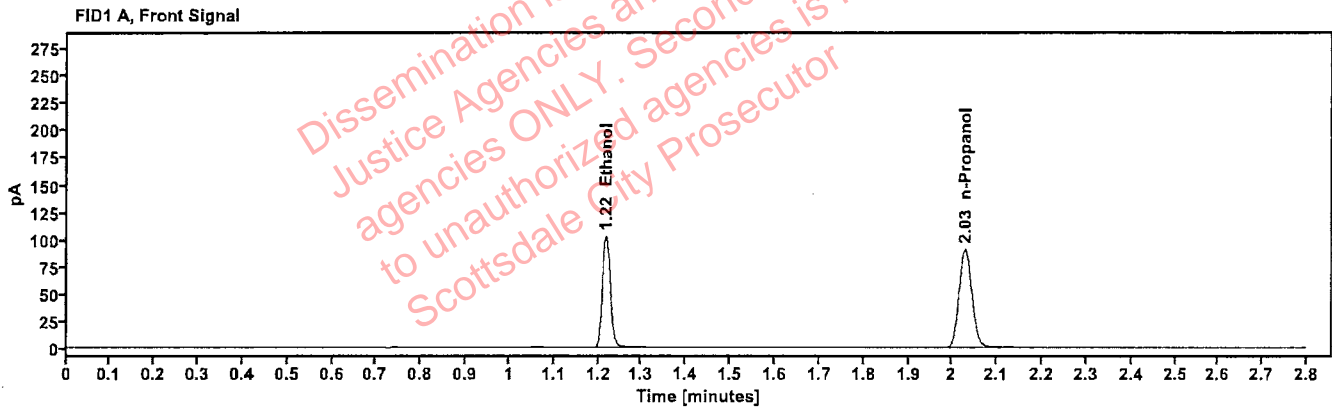


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2041	1.218	129.908
n-Propanol	-----	2.029	180.335

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

Compound	Time (min)	Peak Area
Ethanol	1.367	143.002
n-Propanol	2.452	195.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 090524AQ	Vial: 56
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 9:52:41 PM
Data file: C:\Chem32\1\Data\13Nov24\56.D	Analyst: Brooke

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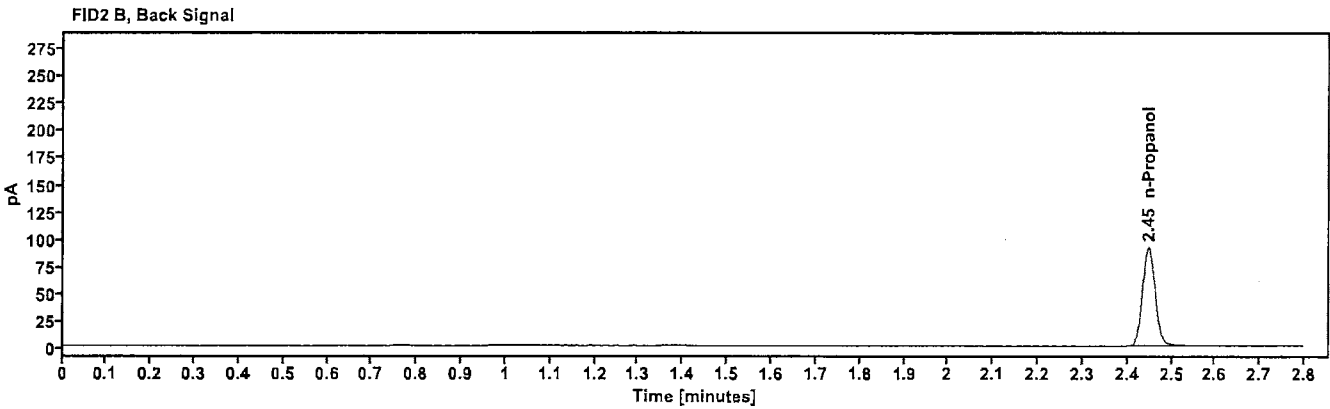
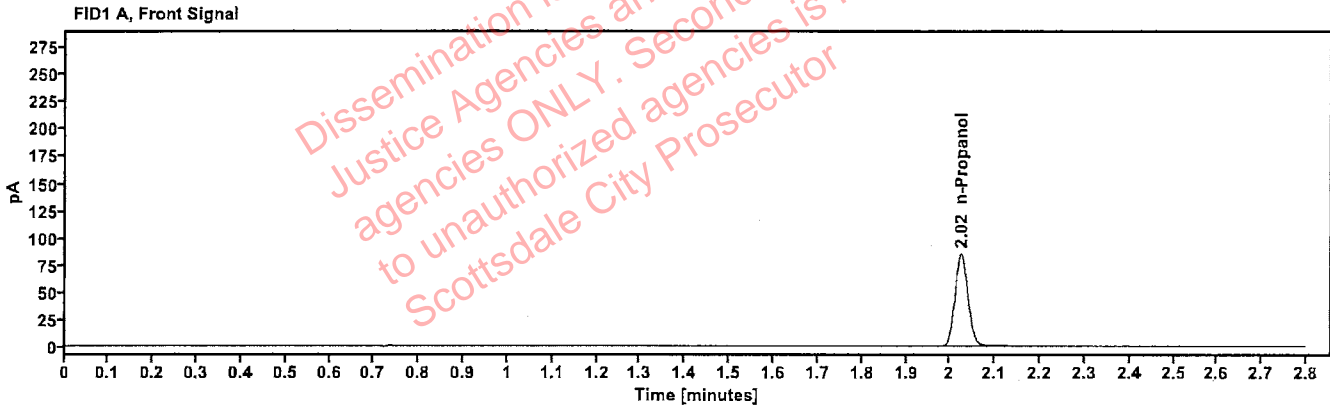


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.024	169.327

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

Compound	Time (min)	Peak Area
n-Propanol	2.447	183.608

Sequence Summary

118

Sequence name: 13Nov24 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	050624VWB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	2422098-1		Sample		ethanol quant.M
11	2422098-1		Sample		ethanol quant.M
12	421-01K.M.		Sample		ethanol quant.M
13	421-01K.M.		Sample		ethanol quant.M
14	2422391-2		Sample		ethanol quant.M
15	2422391-2		Sample		ethanol quant.M
16	2421815-2		Sample		ethanol quant.M
17	2421815-2		Sample		ethanol quant.M
18	2422471-2		Sample		ethanol quant.M
19	2422471-2		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2422494-2		Sample		ethanol quant.M
22	2422494-2		Sample		ethanol quant.M
23	2422464-3		Sample		ethanol quant.M
24	2422464-3		Sample		ethanol quant.M
25	2422129-2		Sample		ethanol quant.M
26	2422129-2		Sample		ethanol quant.M
27	2422493-1		Sample		ethanol quant.M
28	2422493-1		Sample		ethanol quant.M
29	2422582-3		Sample		ethanol quant.M
30	2422582-3		Sample		ethanol quant.M
31	4110320133/11	0.199	Control		ethanol quant.M
32	2422577-2		Sample		ethanol quant.M
33	2422577-2		Sample		ethanol quant.M
34	2422488-1		Sample		ethanol quant.M
35	2422488-1		Sample		ethanol quant.M
36	2422566-1		Sample		ethanol quant.M
37	2422566-1		Sample		ethanol quant.M
38	2422491-2		Sample		ethanol quant.M
39	2422491-2		Sample		ethanol quant.M
40	2422810-2		Sample		ethanol quant.M
41	2422810-2		Sample		ethanol quant.M
42	517758	0.100	Control		ethanol quant.M
43	2421538-2		Sample		ethanol quant.M
44	2421538-2		Sample		ethanol quant.M
45	2422565-2		Sample		ethanol quant.M
46	2422565-2		Sample		ethanol quant.M
47	2422485-2		Sample		ethanol quant.M

Sequence Summary

PS

48	2422485-2		Sample		ethanol quant.M
49	2422490-1		Sample		ethanol quant.M
50	2422490-1		Sample		ethanol quant.M
51	2422964-2		Sample		ethanol quant.M
52	2422964-2		Sample		ethanol quant.M
53	12052023-B	0.400	Control		ethanol quant.M
54	518018	0.040	Control		ethanol quant.M
55	4110320133/11	0.199	Control		ethanol quant.M
56	090524AQ	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

AB

SEQUENCE NAME: 13Nov24

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1459	0.1452	0.14555	0.24	0.00035
12 13	0.2507	0.2501	0.25040	0.12	0.00030
14 15	0.1959	0.1953	0.19560	0.15	0.00030
16 17	0.1574	0.1593	0.15835	0.60	0.00095
18 19	0.1540	0.1557	0.15485	0.55	0.00085
21 22	0.1878	0.1878	0.18780	0.00	0.00000
23 24	0.3071	0.3107	0.30890	0.58	0.00180
25 26	0.1539	0.1553	0.15460	0.45	0.00070
27 28	0.0265	0.0259	0.02620	1.15	0.00030
29 30	0.1347	0.1342	0.13445	0.19	0.00025
32 33	0.1682	0.1667	0.16745	0.45	0.00075
34 35	0.1487	0.1496	0.14915	0.30	0.00045
36 37	0.1341	0.1344	0.13425	0.11	0.00015
38 39	0.1928	0.1925	0.19265	0.08	0.00015
40 41	0.1776	0.1784	0.17800	0.22	0.00040
43 44	0.1651	0.1645	0.16480	0.18	0.00030
45 46	0.2631	0.2634	0.26325	0.06	0.00015
47 48	0.3003	0.2951	0.29770	0.87	0.00260
49 50	0.1630	0.1649	0.16395	0.58	0.00095
51 52	0.2445	0.2467	0.24560	0.45	0.00110

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422098-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 6:46:41 PM
Data file:	C:\Chem32\1\Data\13Nov24\10.D	Analyst:	Brooke

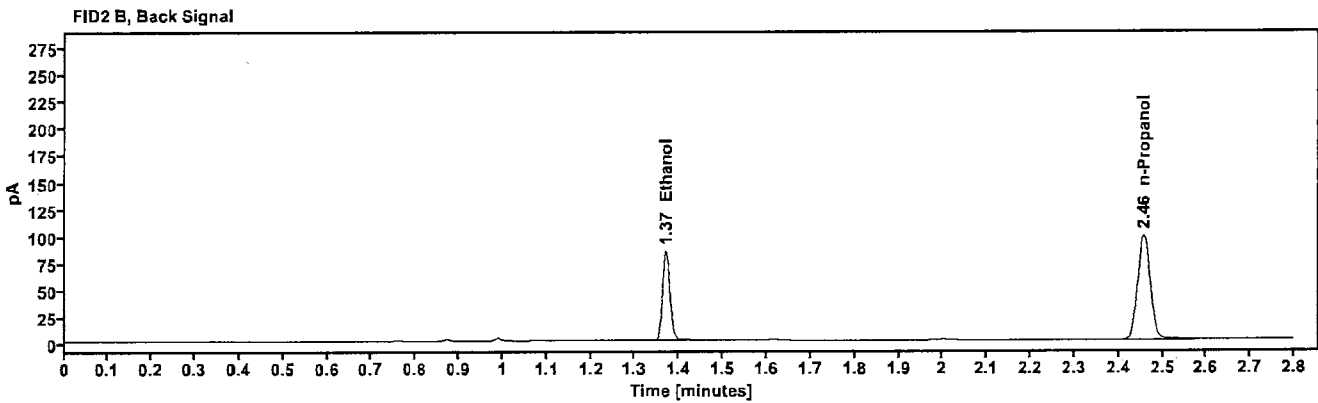
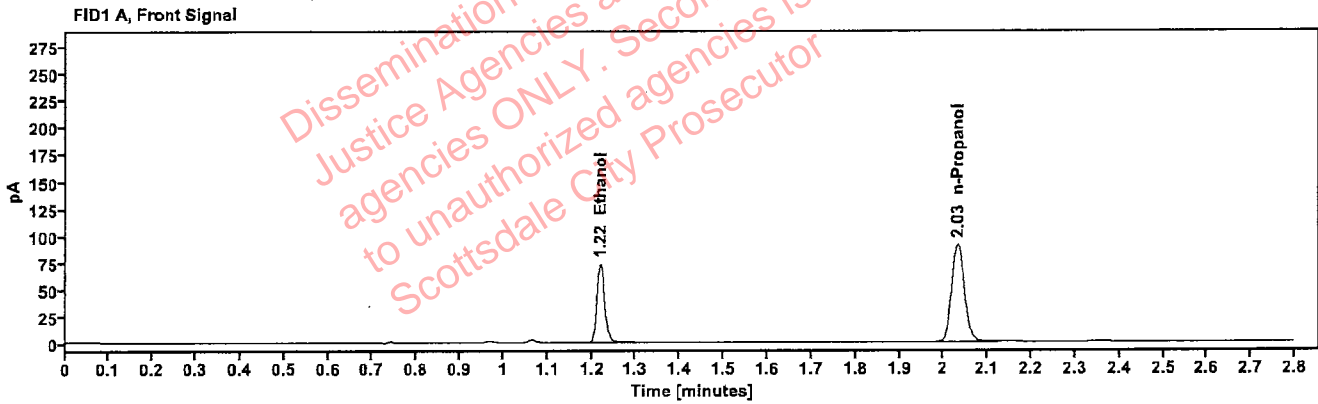


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1459	1.220	92.975
n-Propanol	---	2.032	180.830

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

Compound	Time (min)	Peak Area
Ethanol	1.369	102.062
n-Propanol	2.457	196.716

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422098-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 6:50:42 PM
Data file:	C:\Chem32\1\Data\13Nov24\11.D	Analyst:	Brooke

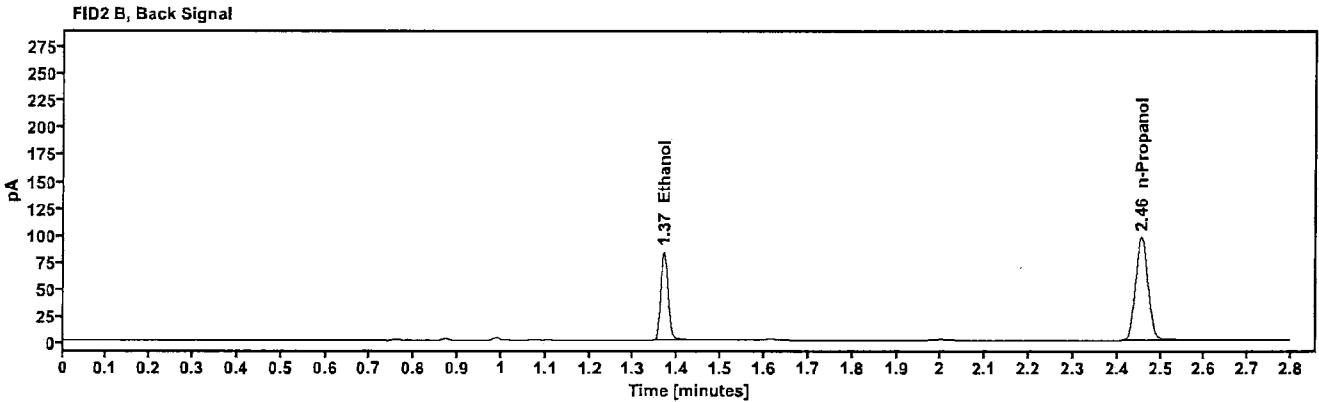
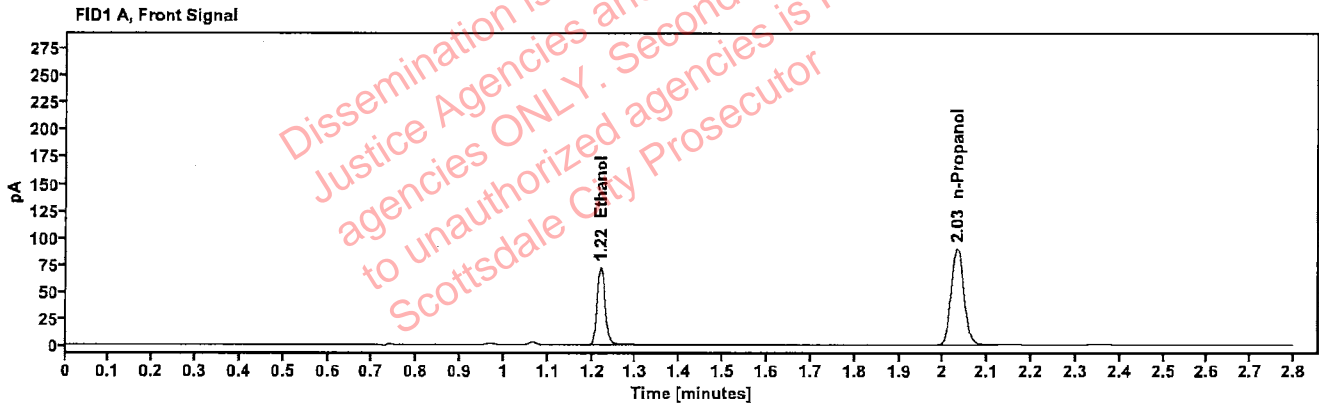


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1452	1.219	91.792
n-Propanol	----	2.031	179.387

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

Compound	Time (min)	Peak Area
Ethanol	1.368	100.712
n-Propanol	2.456	195.029

Brooke, Phillip - (15-Nov-2024)

Case: User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	421-01K.M.	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 6:54:41 PM
Data file:	C:\Chem32\1\Data\13Nov24\12.D	Analyst:	Brooke

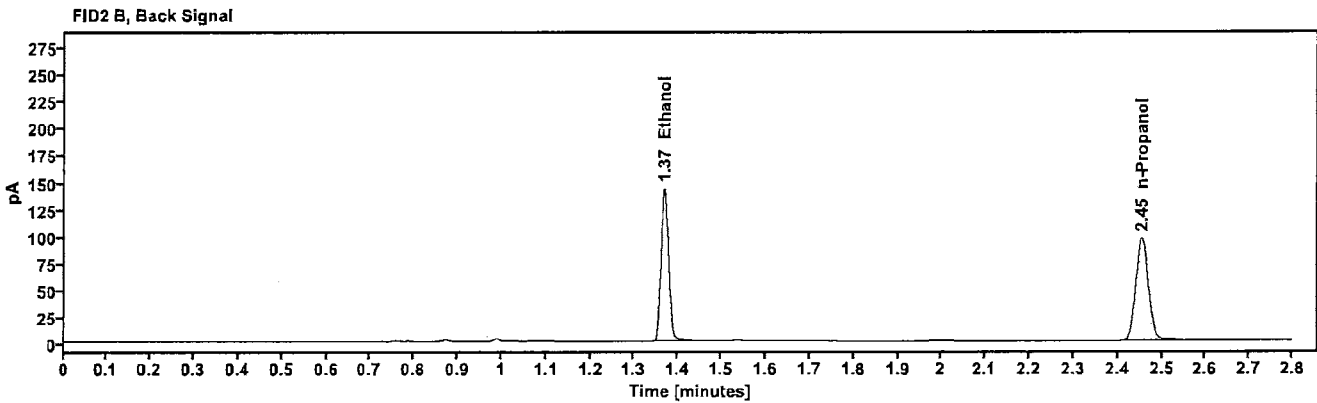
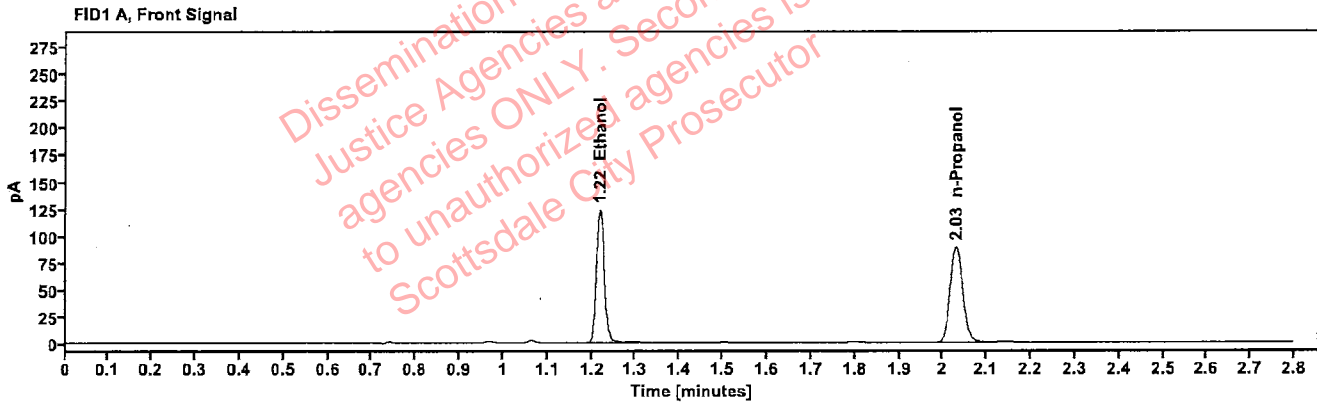


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2507	1.219	157.883
n-Propanol	—	2.030	178.270

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

Compound	Time (min)	Peak Area
Ethanol	1.368	173.261
n-Propanol	2.455	192.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	421-01K.M.	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 6:58:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\13.D	Analyst:	Brooke

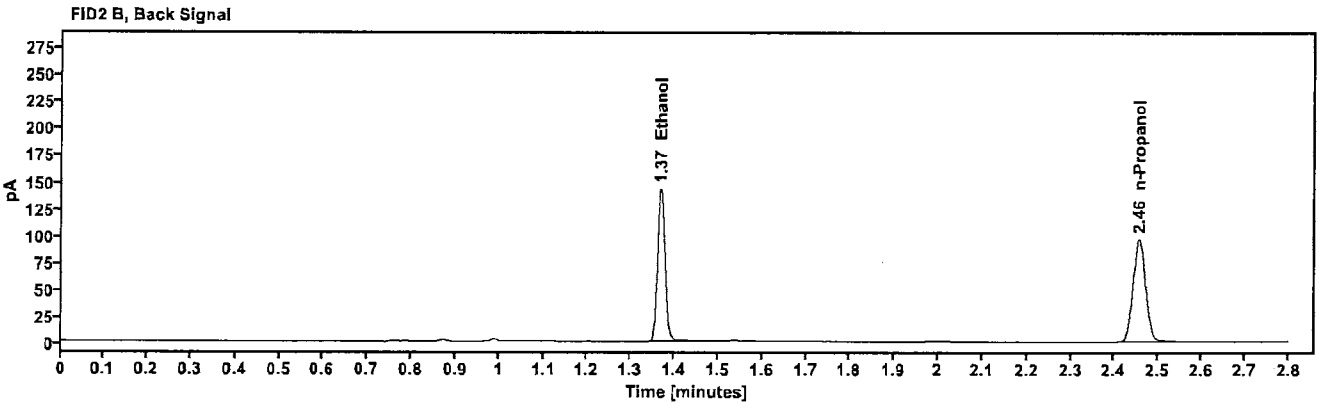
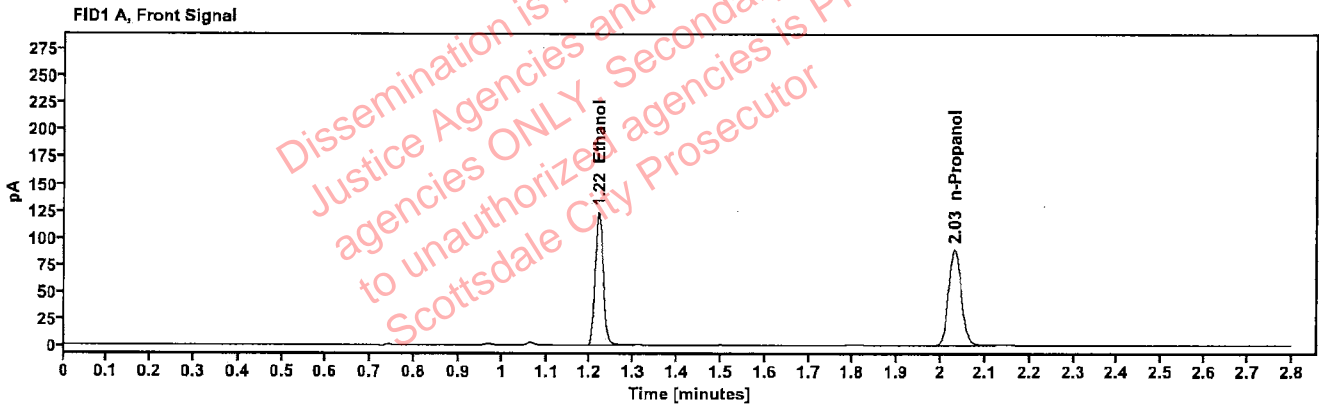


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2501	1.219	157.533
n-Propanol	-----	2.031	178.307

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

Compound	Time (min)	Peak Area
Ethanol	1.368	173.214
n-Propanol	2.455	193.184

: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422391-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:02:57 PM
Data file:	C:\Chem32\11\Data\13Nov24\14.D	Analyst:	Brooke

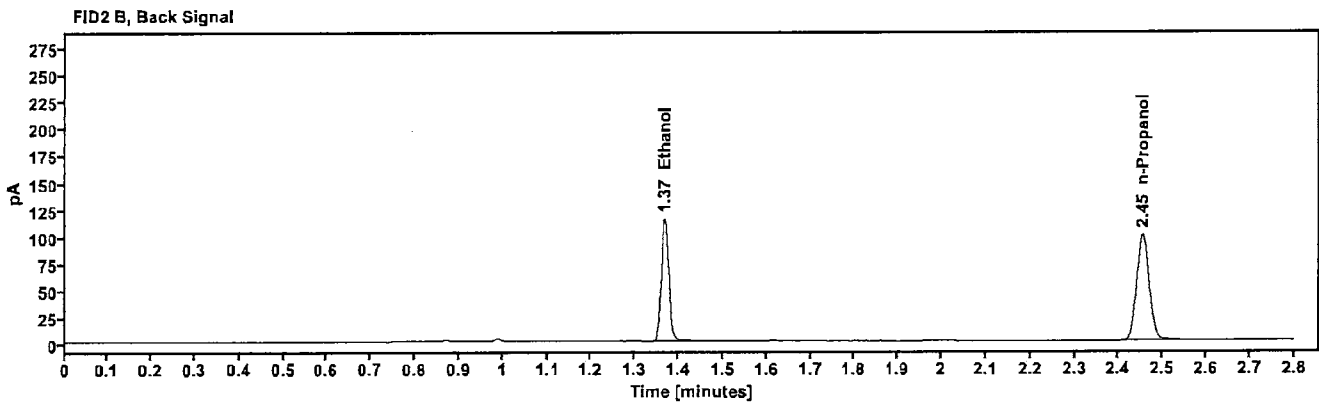
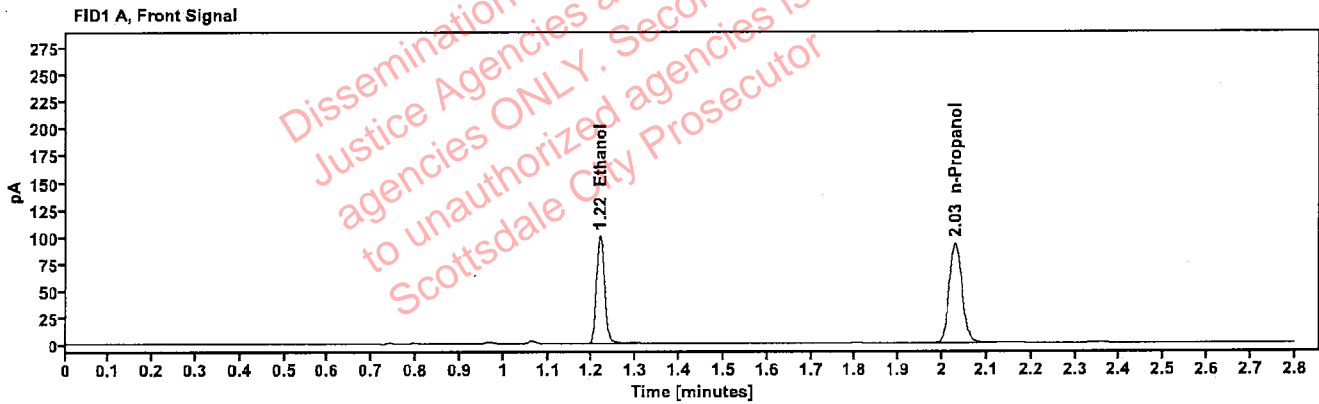


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1959	1.218	127.123
n-Propanol	—	2.030	183.876

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

Compound	Time (min)	Peak Area
Ethanol	1.368	139.649
n-Propanol	2.454	199.459

[REDACTED]: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422391-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:06:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\15.D	Analyst:	Brooke

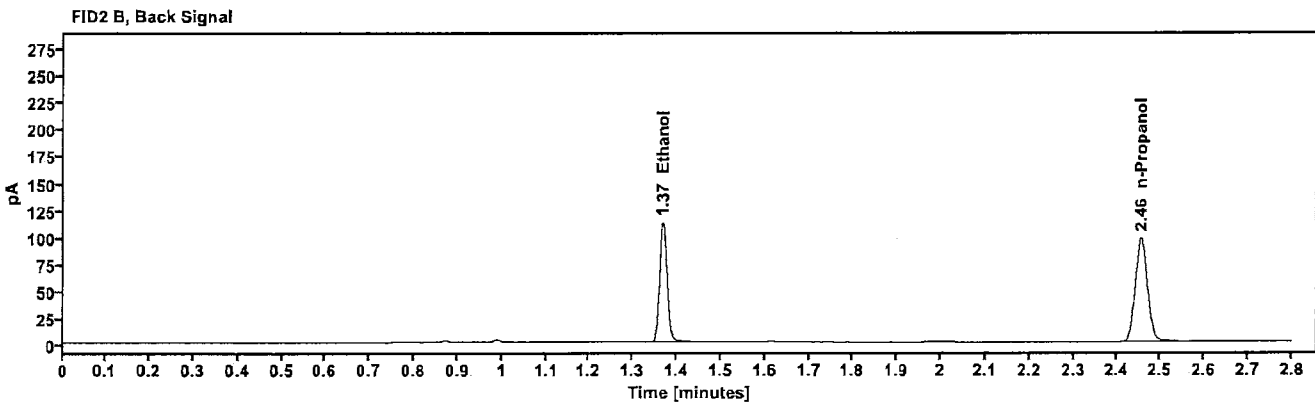
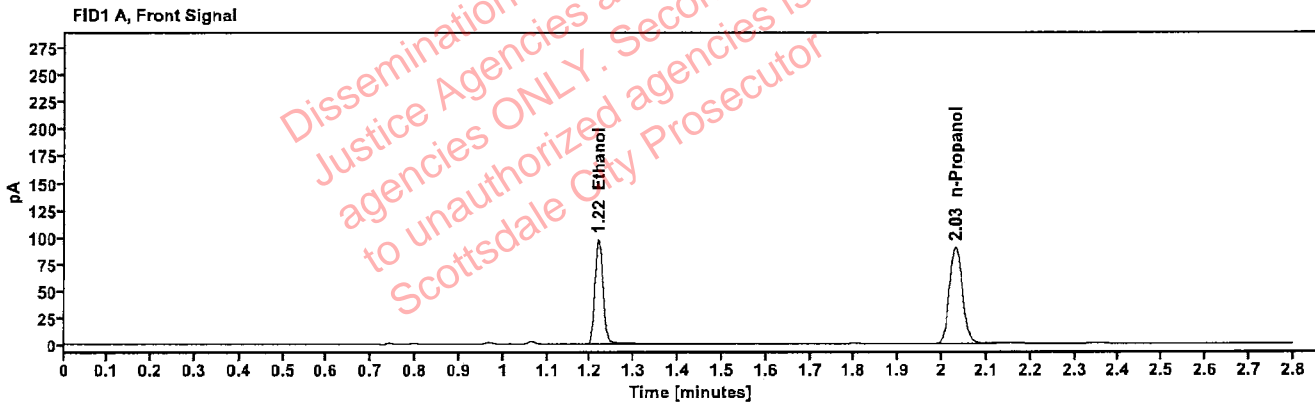


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1953	1.219	124.010
n-Propanol	—	2.030	179.984

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

Compound	Time (min)	Peak Area
Ethanol	1.368	136.068
n-Propanol	2.455	195.124

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421815-2	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:10:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\16.D	Analyst:	Brooke

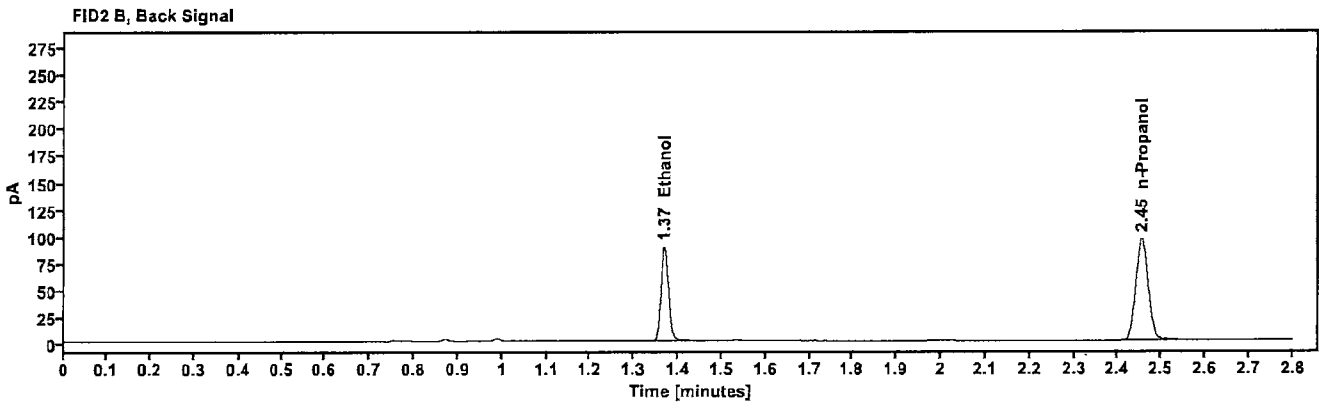
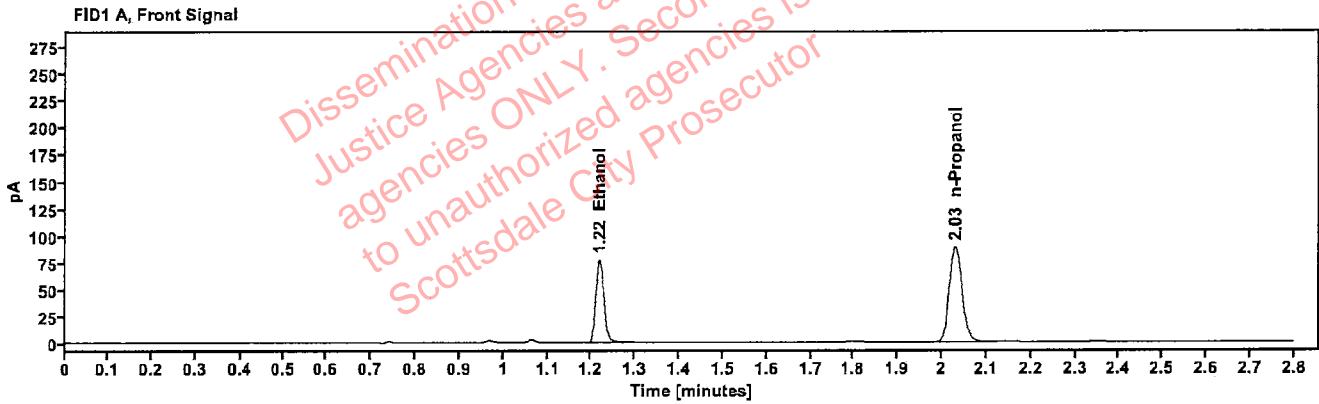


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1574	1.219	98.212
n-Propanol	---	2.030	176.990

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

Compound	Time (min)	Peak Area
Ethanol	1.368	107.638
n-Propanol	2.455	191.867

[REDACTED] : Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421815-2	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:14:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\17.D	Analyst:	Brooke

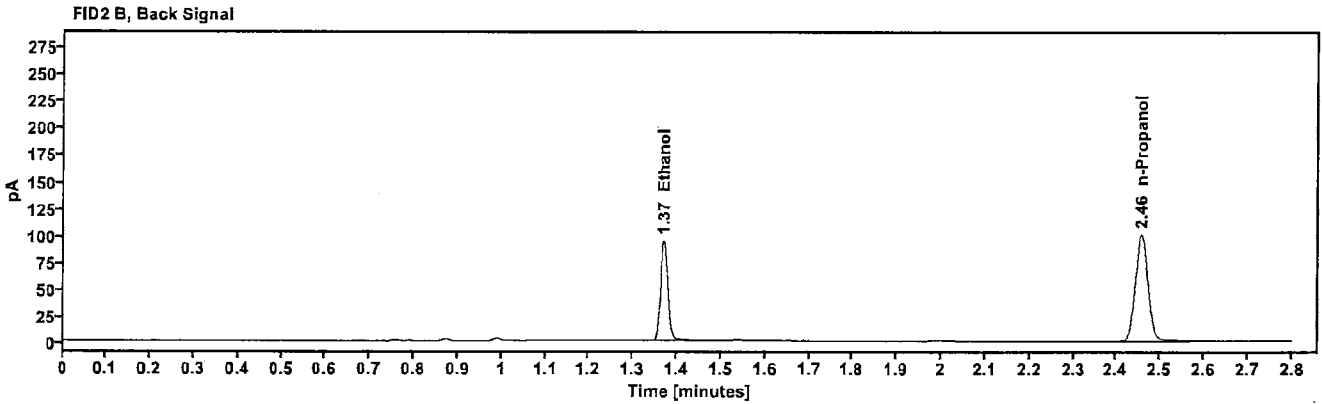
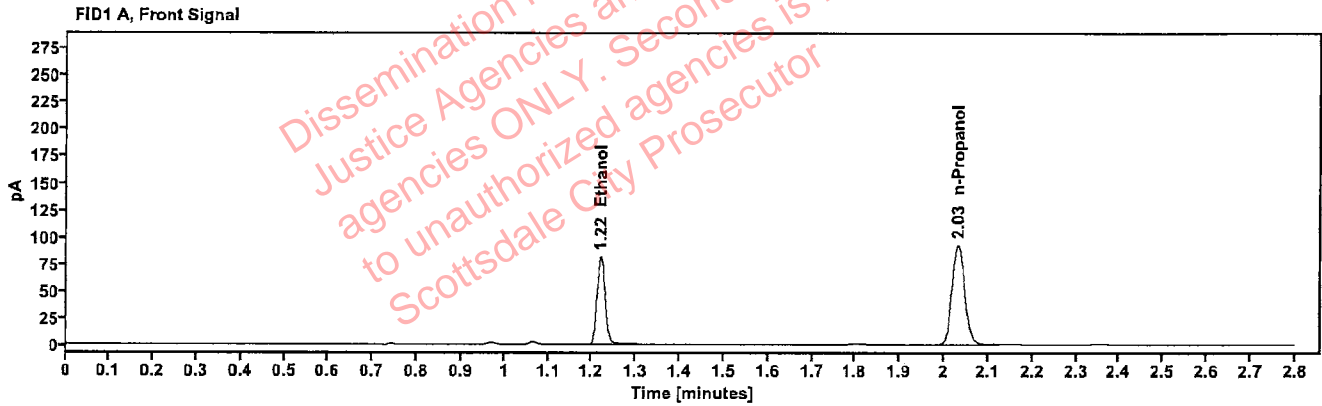


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1593	1.220	104.245
n-Propanol	—	2.032	185.650

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

Compound	Time (min)	Peak Area
Ethanol	1.369	114.322
n-Propanol	2.457	201.371

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422471-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:18:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\18.D	Analyst:	Brooke

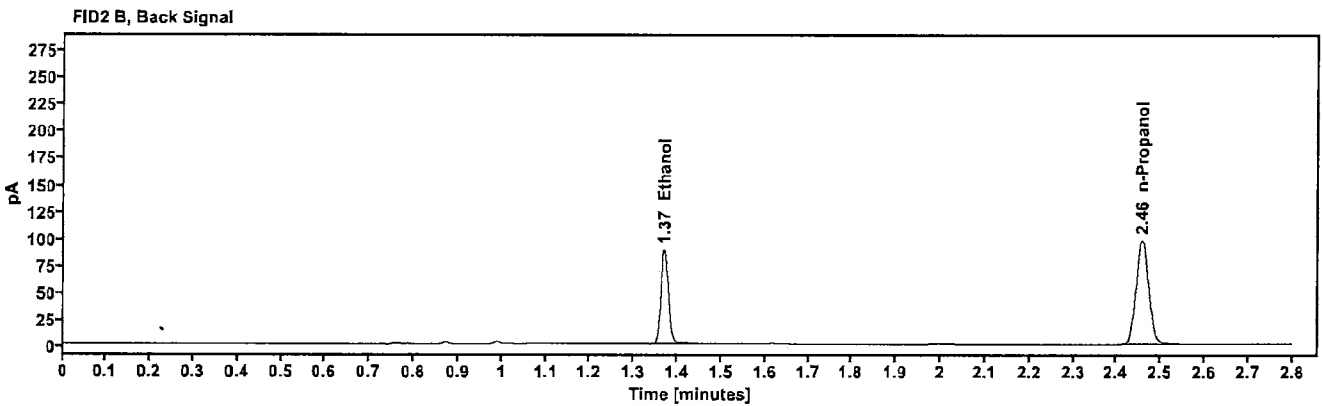
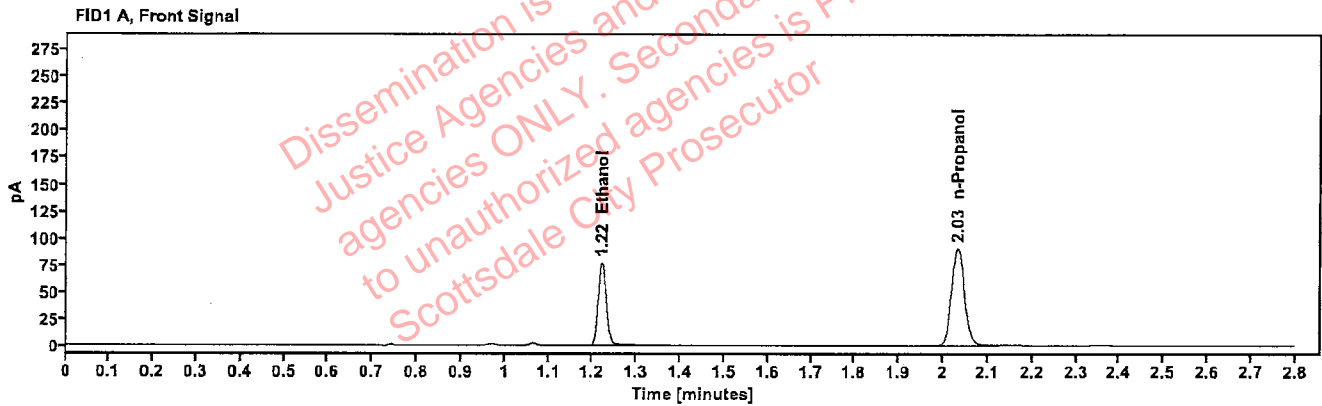


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1540	1.220	97.938
n-Propanol	---	2.032	180.474

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

Compound	Time (min)	Peak Area
Ethanol	1.369	107.471
n-Propanol	2.457	195.980

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422471-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:23:11 PM
Data file:	C:\Chem32\1\Data\13Nov24\19.D	Analyst:	Brooke

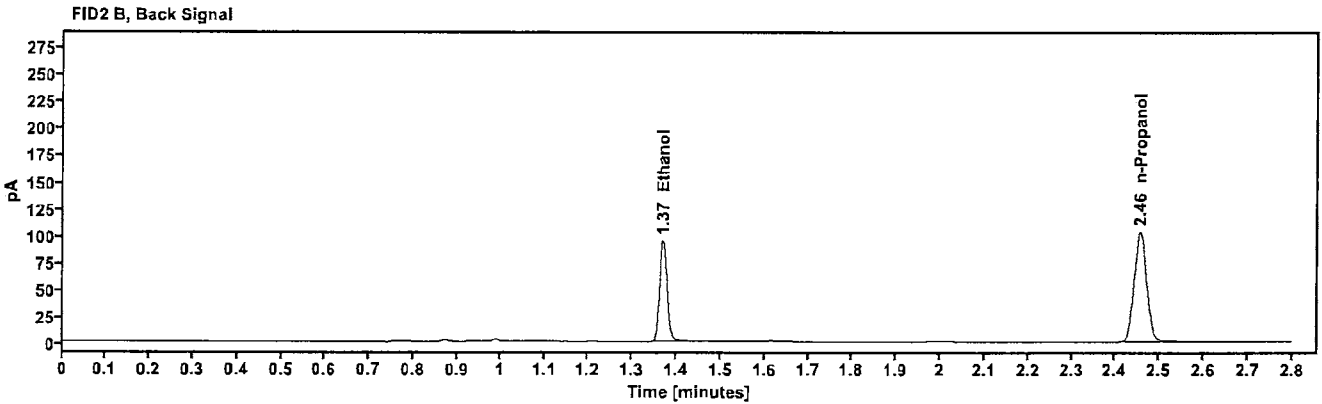
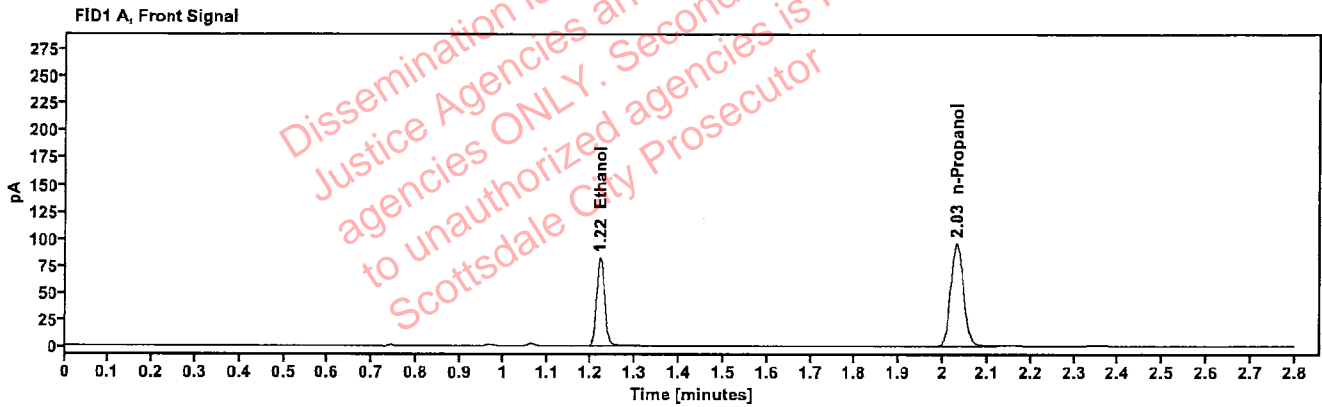


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1557	1.219	104.247
n-Propanol	-----	2.031	189.945

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

Compound	Time (min)	Peak Area
Ethanol	1.368	114.195
n-Propanol	2.455	206.130

[Redacted] : Brooke, Phillip - (15-Nov-2024)

Case: [Redacted] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422494-2	Vial:	21
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:31:12 PM
Data file:	C:\Chem32\1\Data\13Nov24\21.D	Analyst:	Brooke

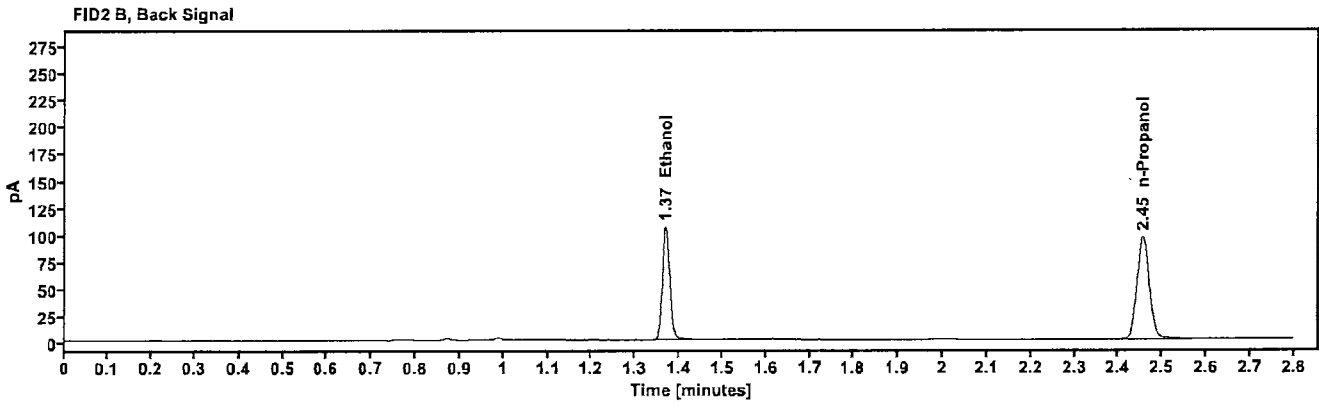
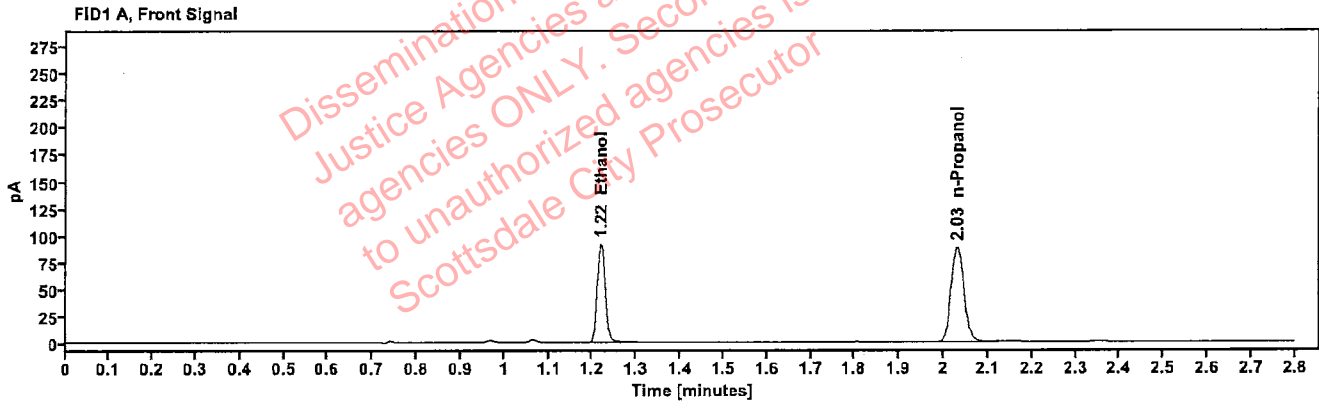


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1878	1.219	117.065
n-Propanol	-----	2.030	176.642

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

Compound	Time (min)	Peak Area
Ethanol	1.368	128.418
n-Propanol	2.455	191.600

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422494-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:35:12 PM
Data file:	C:\Chem32\11\Data\13Nov24\22.D	Analyst:	Brooke

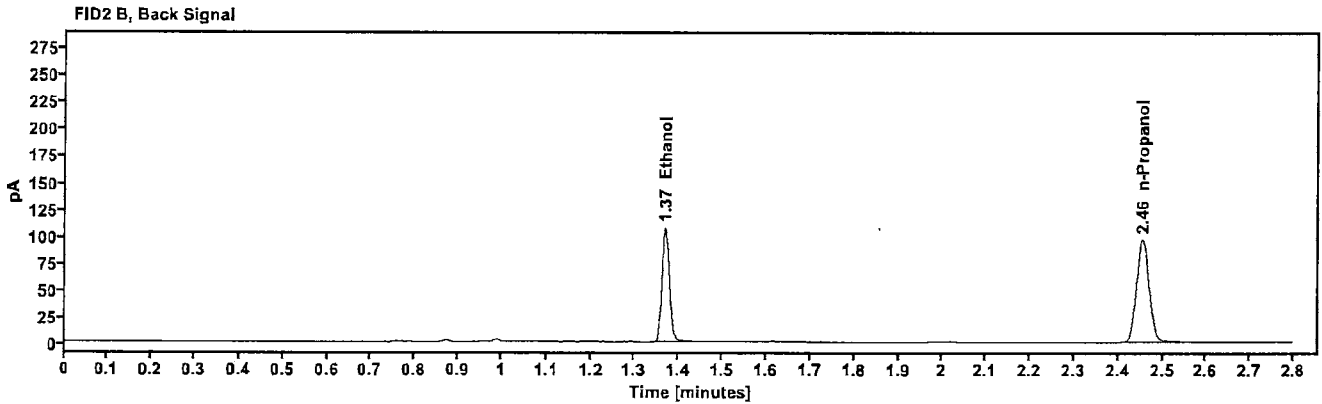
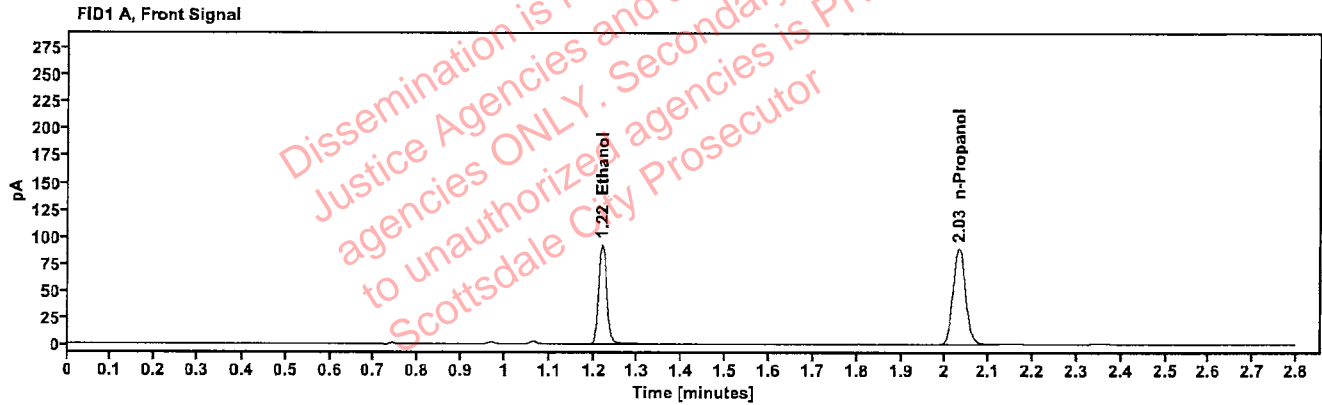


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1878	1.219	118.423
n-Propanol	---	2.031	178.700

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

Compound	Time (min)	Peak Area
Ethanol	1.368	129.782
n-Propanol	2.455	193.638

[Redacted] : Brooke, Phillip - (15-Nov-2024)

Case: [Redacted] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422464-3	Vial:	23
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:39:12 PM
Data file:	C:\Chem32\1\Data\13Nov24\23.D	Analyst:	Brooke

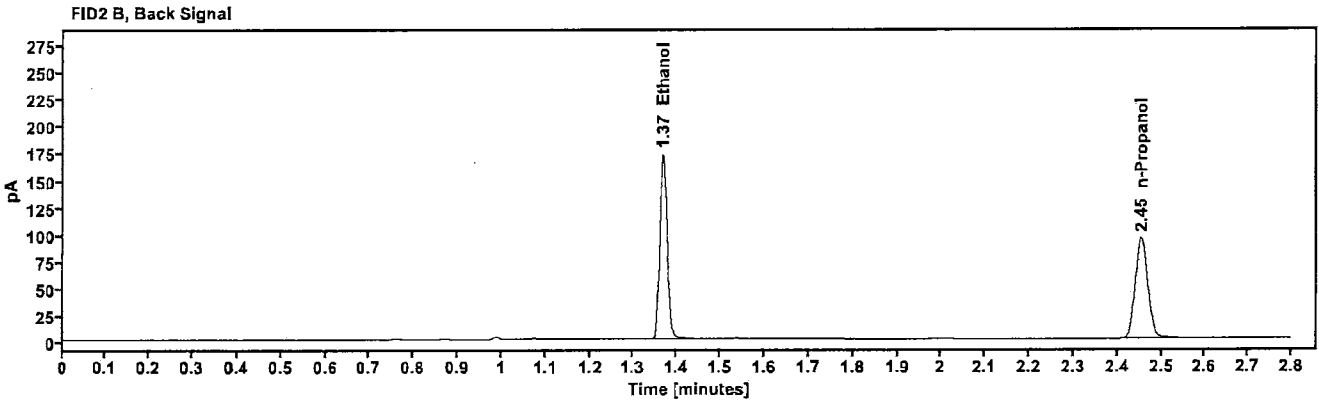
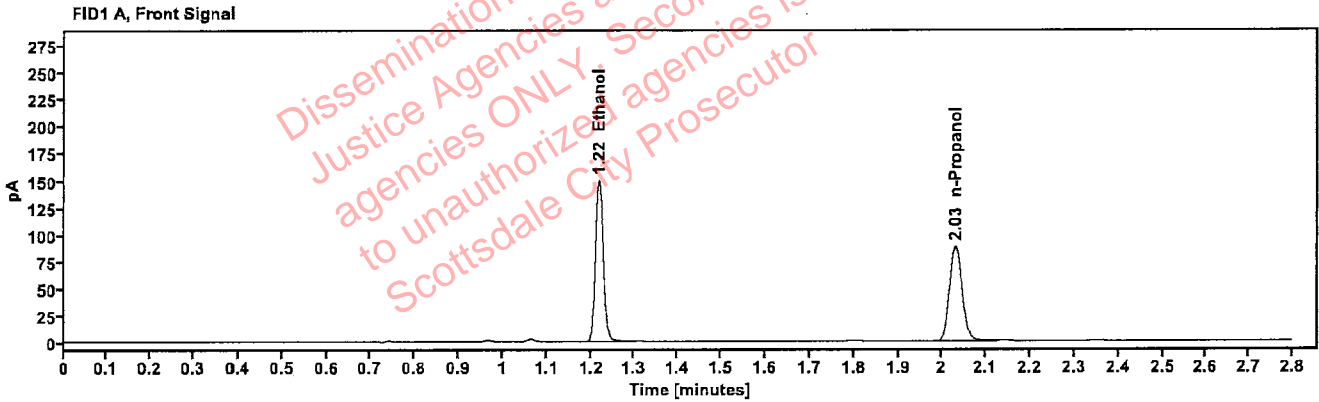


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3071	1.218	190.041
n-Propanol	---	2.030	175.096

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

Compound	Time (min)	Peak Area
Ethanol	1.367	209.042
n-Propanol	2.454	189.313

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2422464-3	Vial: 24
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 13Nov24
Instrument: US14173023 CN14160045	Injection date: 11/13/2024 7:43:12 PM
Data file: C:\Chem32\1\Data\13Nov24\24.D	Analyst: Brooke

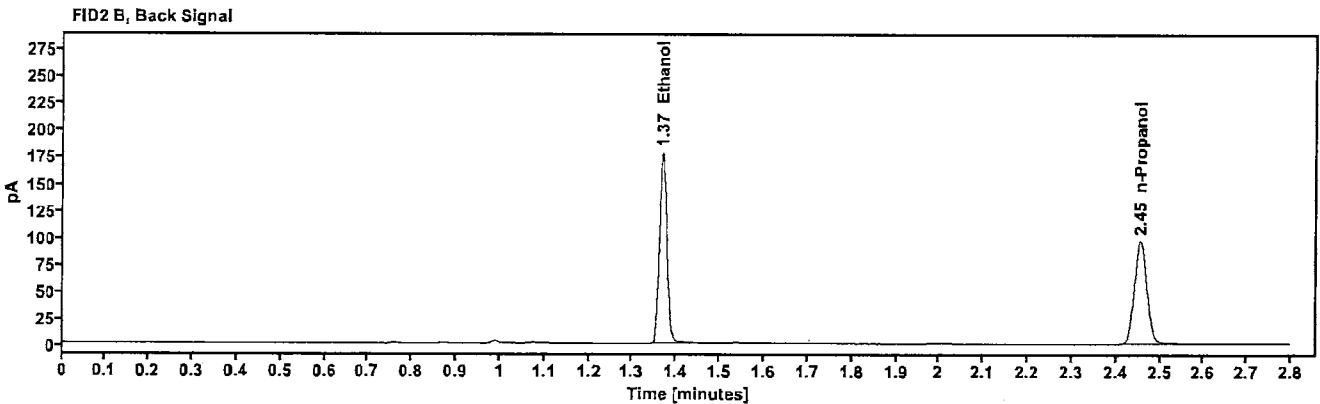
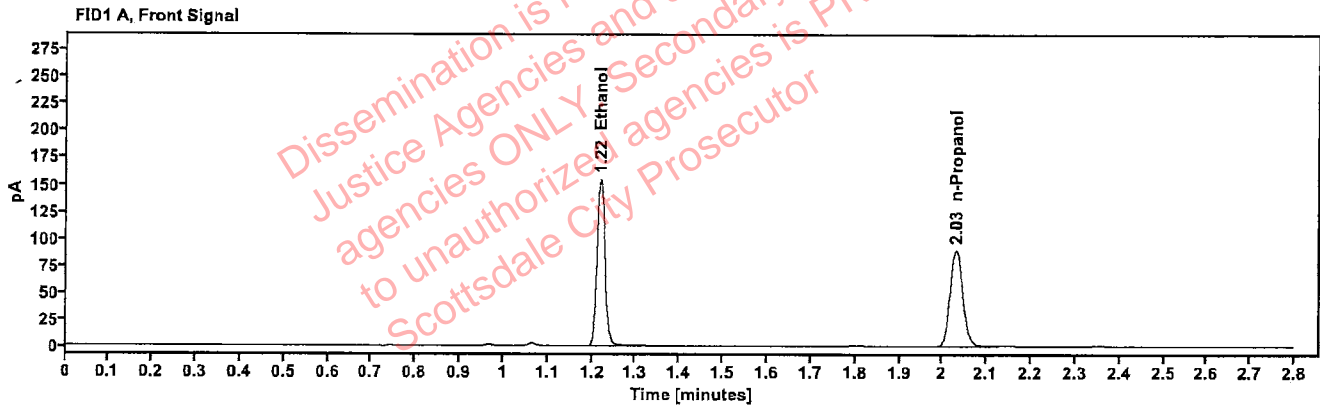


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3107	1.218	196.631
n-Propanol	---	2.031	179.059

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

Compound	Time (min)	Peak Area
Ethanol	1.368	216.155
n-Propanol	2.455	193.720

Case: [REDACTED] : Brooke, Phillip - (15-Nov-2024)

User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422129-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:47:27 PM
Data file:	C:\Chem32\1\Data\13Nov24\25.D	Analyst:	Brooke

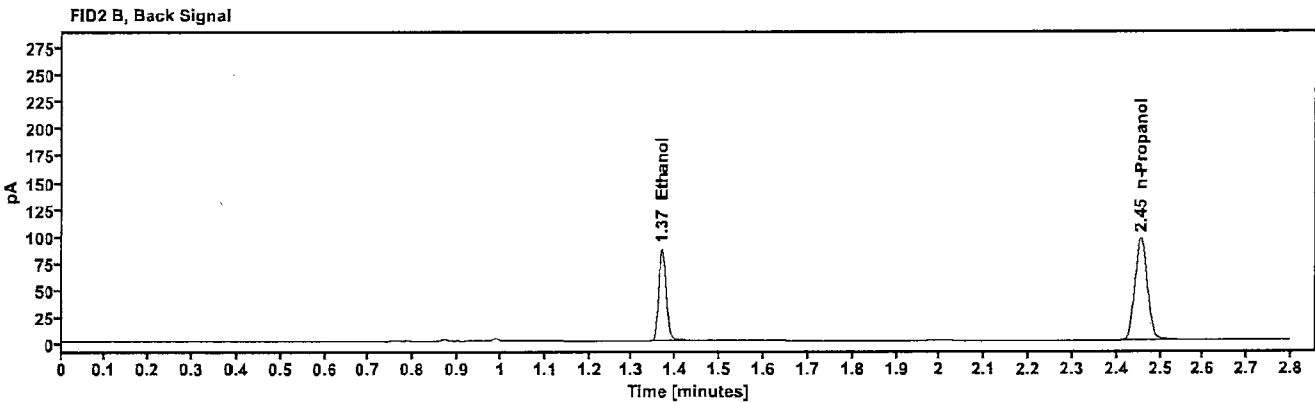
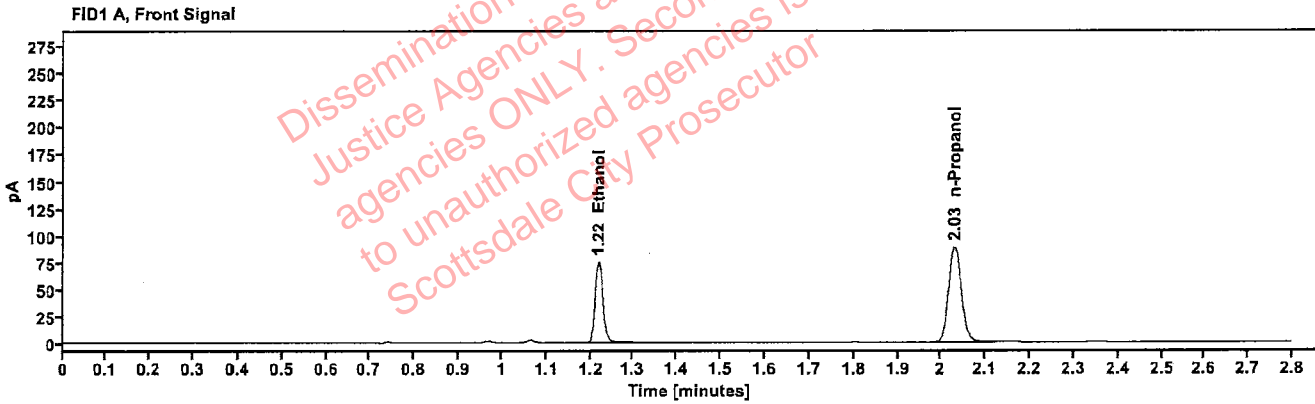


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1539	1.219	95.992
n-Propanol	---	2.030	177.027

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

Compound	Time (min)	Peak Area
Ethanol	1.368	105.136
n-Propanol	2.455	191.673

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422129-2	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:51:27 PM
Data file:	C:\Chem32\11\Data\13Nov24\26.D	Analyst:	Brooke

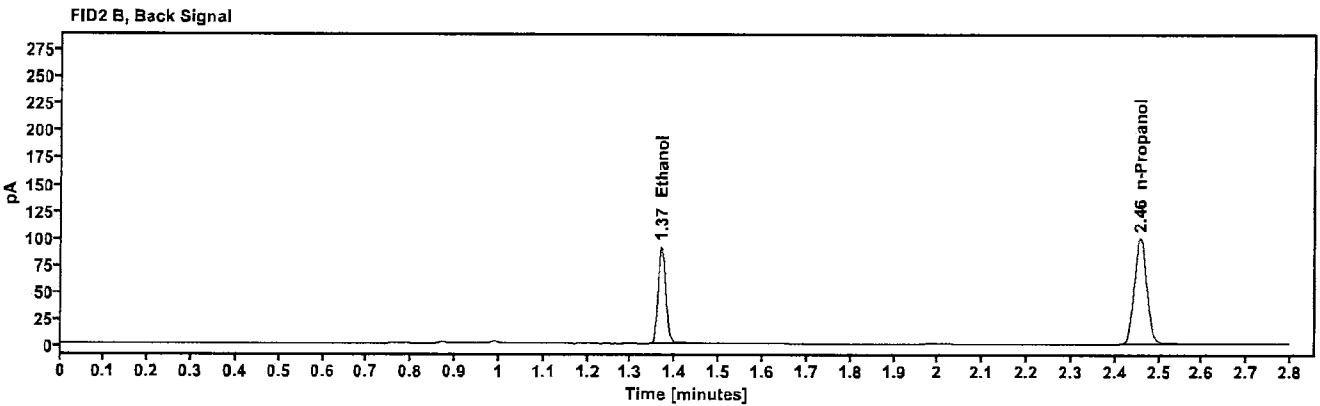
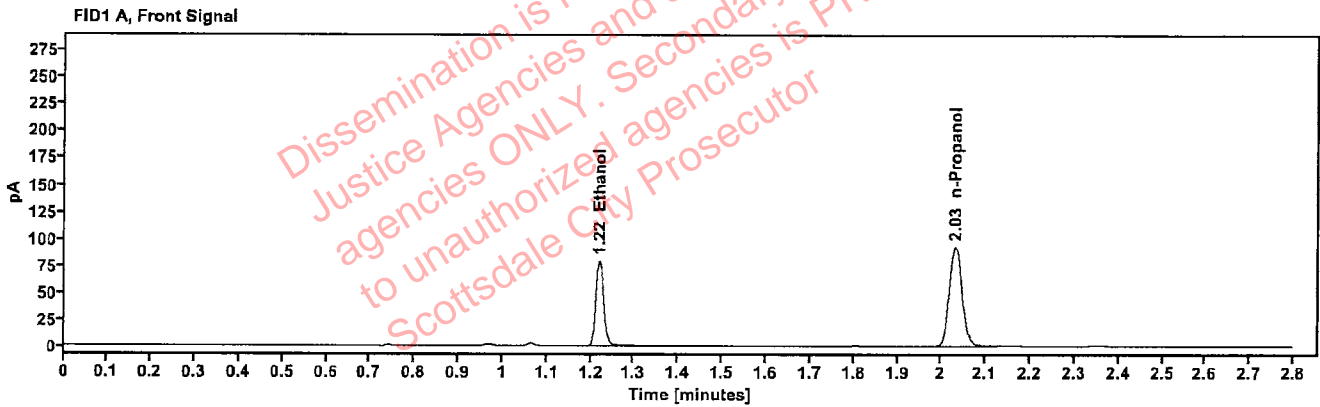


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1553	1.219	101.141
n-Propanol	—	2.031	184.726

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

Compound	Time (min)	Peak Area
Ethanol	1.369	110.760
n-Propanol	2.456	200.207

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422493-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:55:26 PM
Data file:	C:\Chem32\1\Data\13Nov24\27.D	Analyst:	Brooke

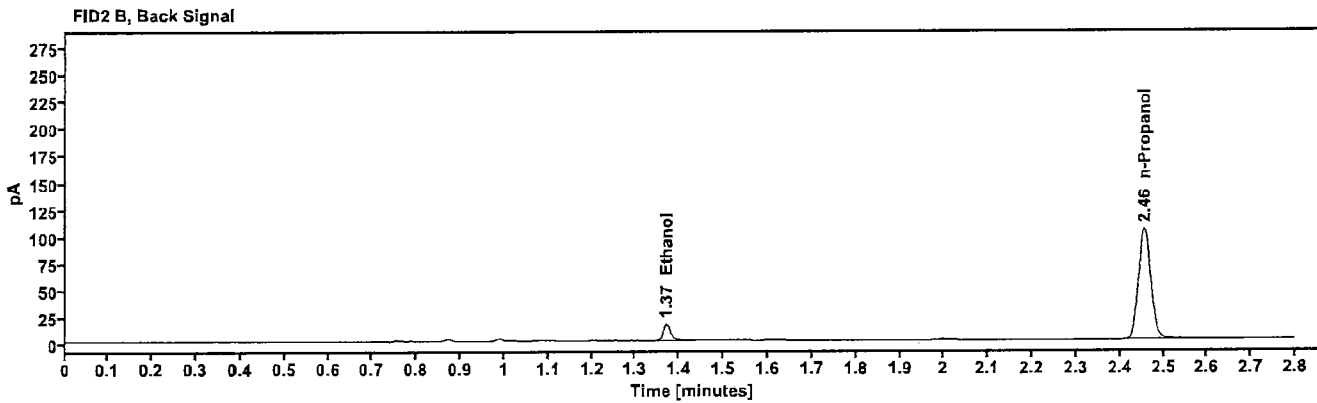
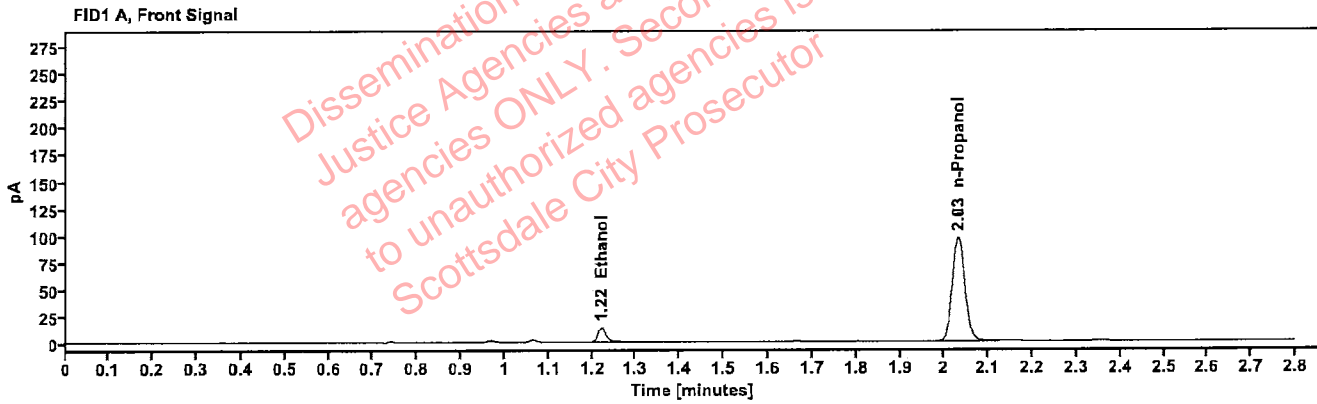


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0265	1.221	17.524
n-Propanol	-----	2.031	192.603

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

Compound	Time (min)	Peak Area
Ethanol	1.370	19.567
n-Propanol	2.456	209.469

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422493-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 7:59:27 PM
Data file:	C:\Chem32\1\Data\13Nov24\28.D	Analyst:	Brooke

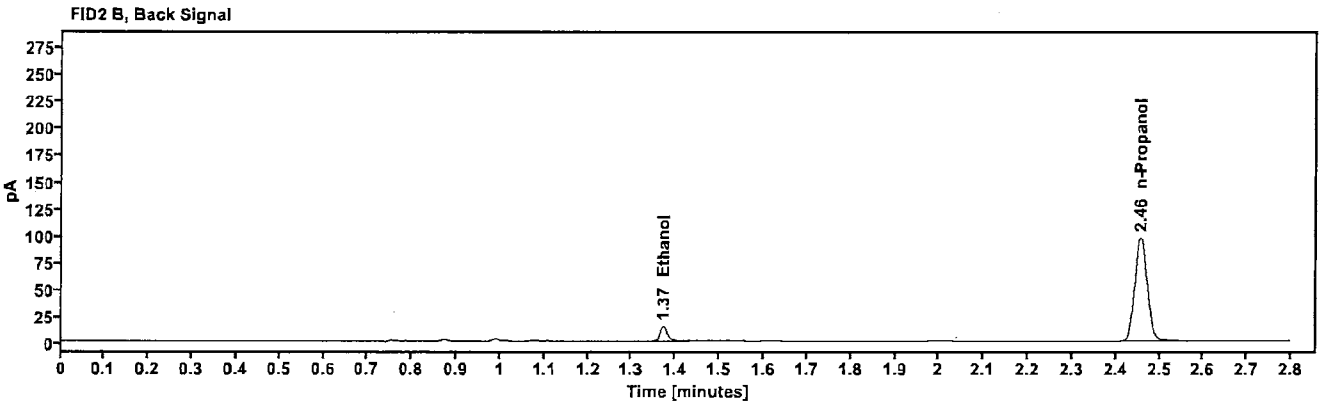
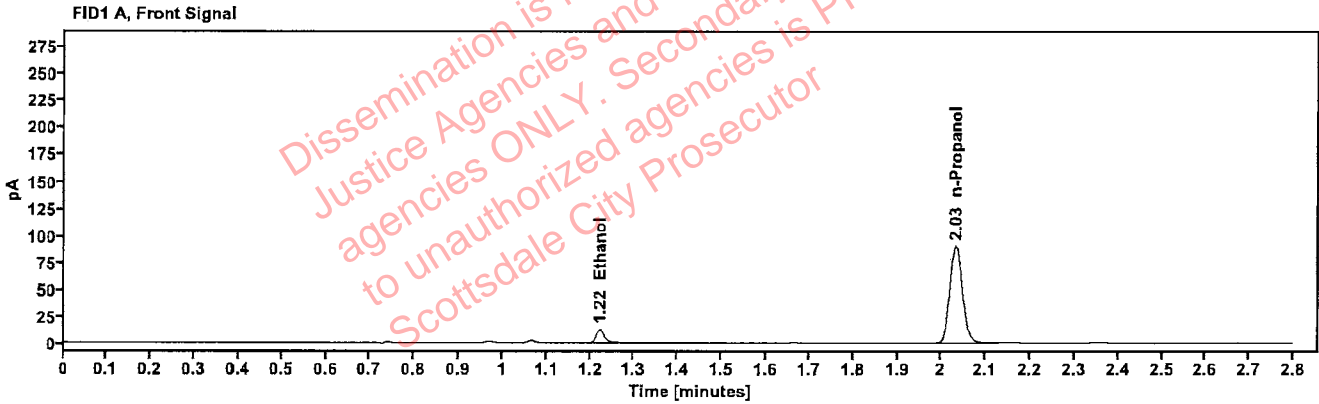


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0259	1.222	15.918
n-Propanol	---	2.032	179.246

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

Compound	Time (min)	Peak Area
Ethanol	1.371	17.785
n-Propanol	2.457	194.823

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422582-3	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:03:27 PM
Data file:	C:\Chem32\1\Data\13Nov24\29.D	Analyst:	Brooke

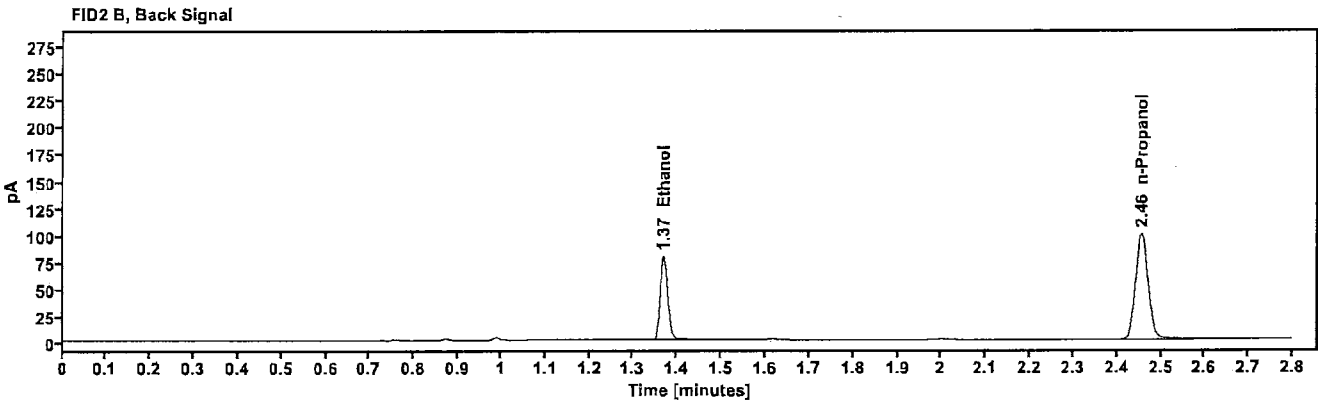
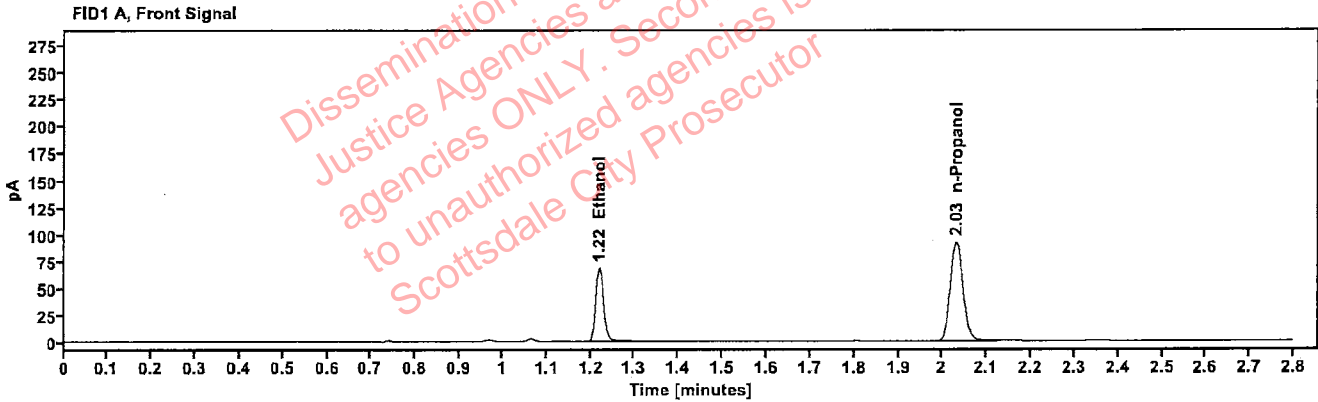


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1347	1.220	87.010
n-Propanol	—	2.031	183.454

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

Compound	Time (min)	Peak Area
Ethanol	1.369	95.433
n-Propanol	2.456	199.412

[REDACTED]: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422582-3	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:07:26 PM
Data file:	C:\Chem32\1\Data\13Nov24\30.D	Analyst:	Brooke

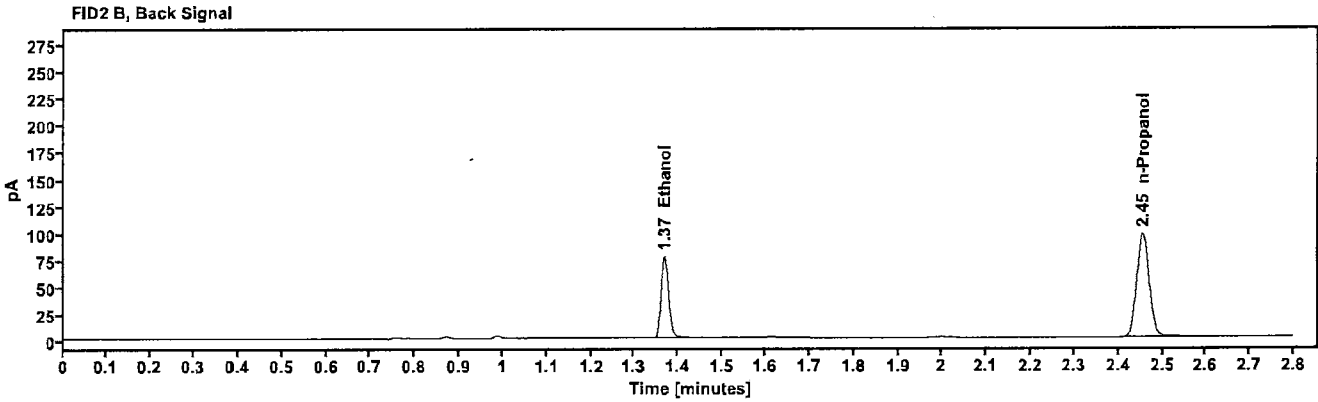
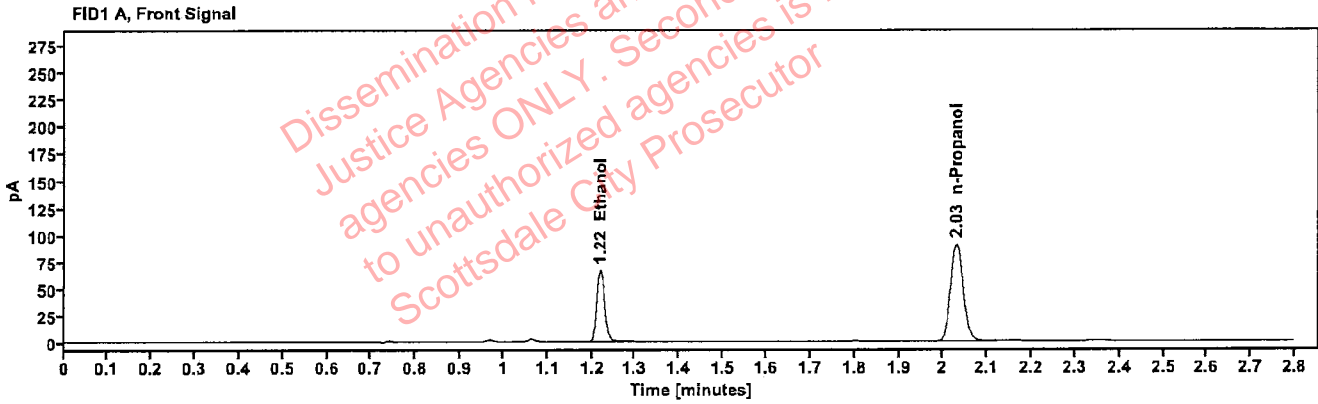


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1342	1.219	85.012
n-Propanol	---	2.030	179.945

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

Compound	Time (min)	Peak Area
Ethanol	1.368	92.880
n-Propanol	2.455	195.306

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422577-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:15:41 PM
Data file:	C:\Chem32\1\Data\13Nov24\32.D	Analyst:	Brooke

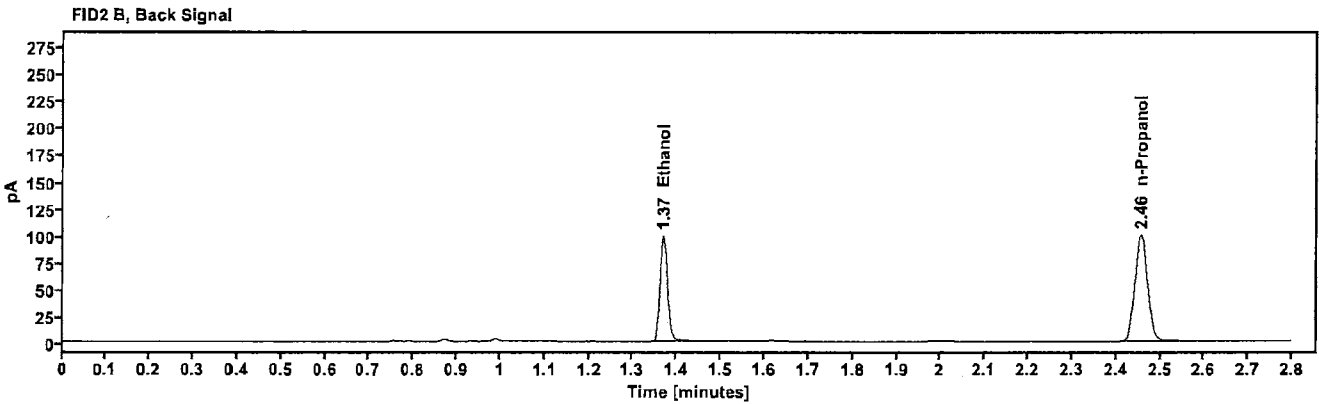
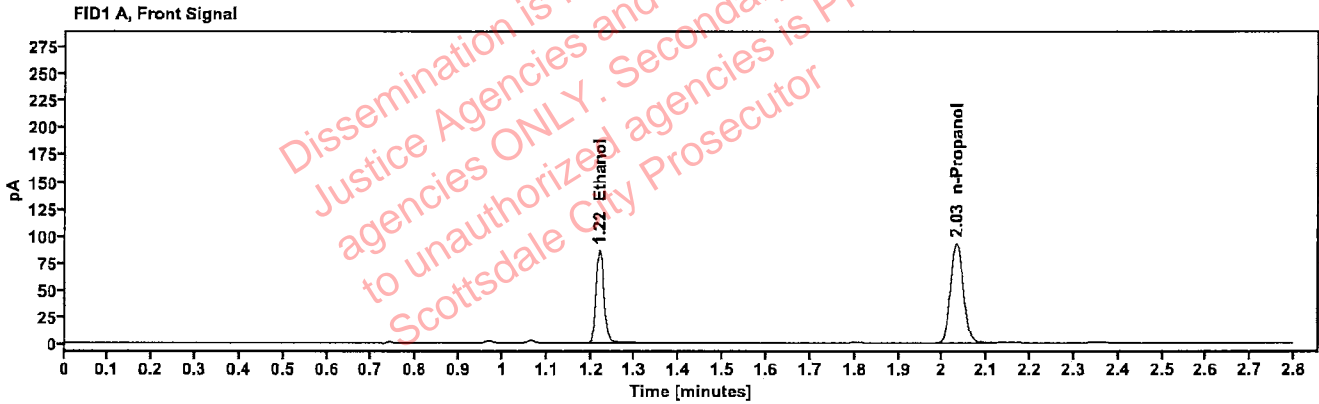


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1682	1.219	109.369
n-Propanol	---	2.031	184.347

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

Compound	Time (min)	Peak Area
Ethanol	1.369	119.884
n-Propanol	2.456	199.897

: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422577-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:19:41 PM
Data file:	C:\Chem32\1\Data\13Nov24\33.D	Analyst:	Brooke

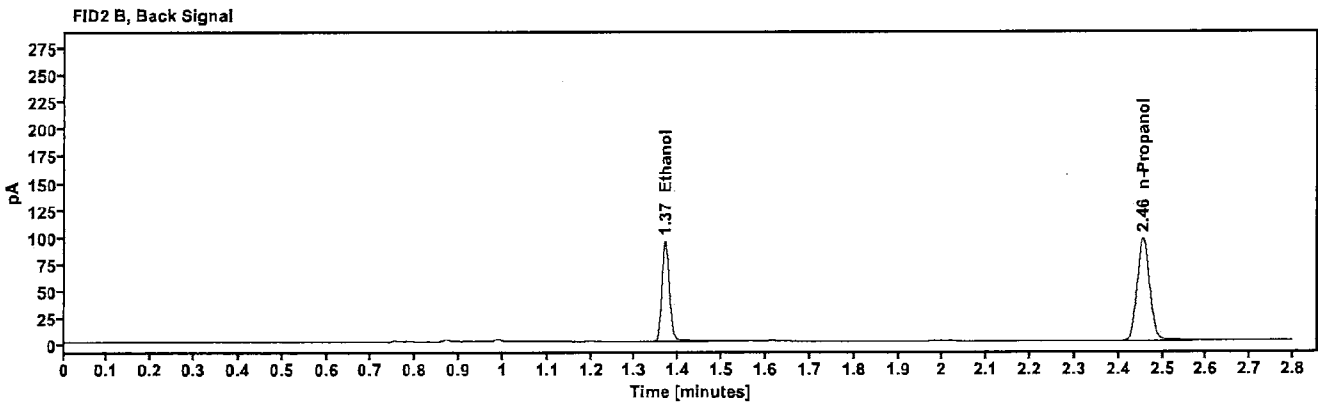
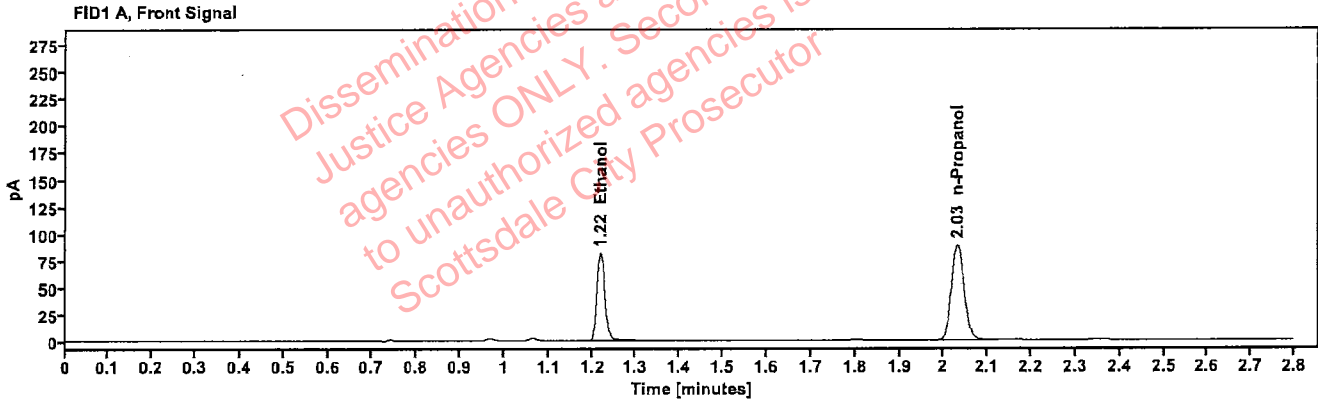


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1667	1.219	104.051
n-Propanol	—	2.031	177.049

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

Compound	Time (min)	Peak Area
Ethanol	1.368	115.212
n-Propanol	2.456	191.962

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422488-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:23:41 PM
Data file:	C:\Chem32\1\Data\13Nov24\34.D	Analyst:	Brooke

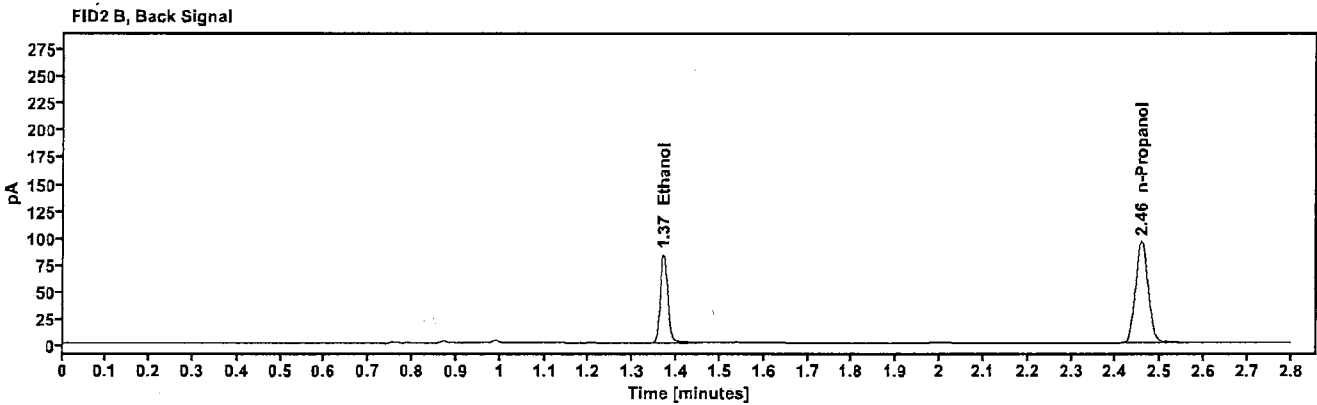
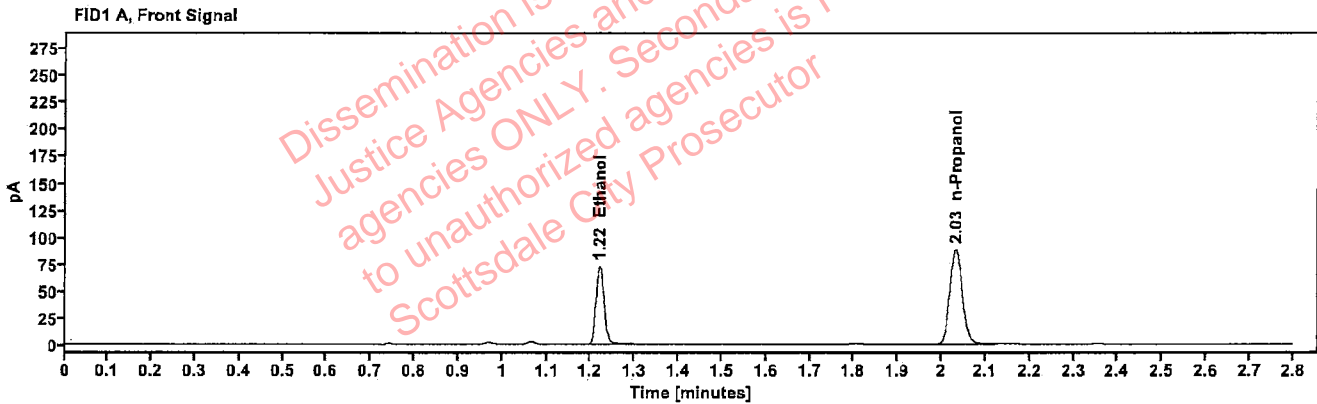


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1487	1.220	92.228
n-Propanol	—	2.032	175.994

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

Compound	Time (min)	Peak Area
Ethanol	1.369	100.933
n-Propanol	2.457	190.568

Case: [REDACTED] : Brooke, Phillip - (15-Nov-2024)

User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422488-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:27:42 PM
Data file:	C:\Chem32\1\Data\13Nov24\35.D	Analyst:	Brooke

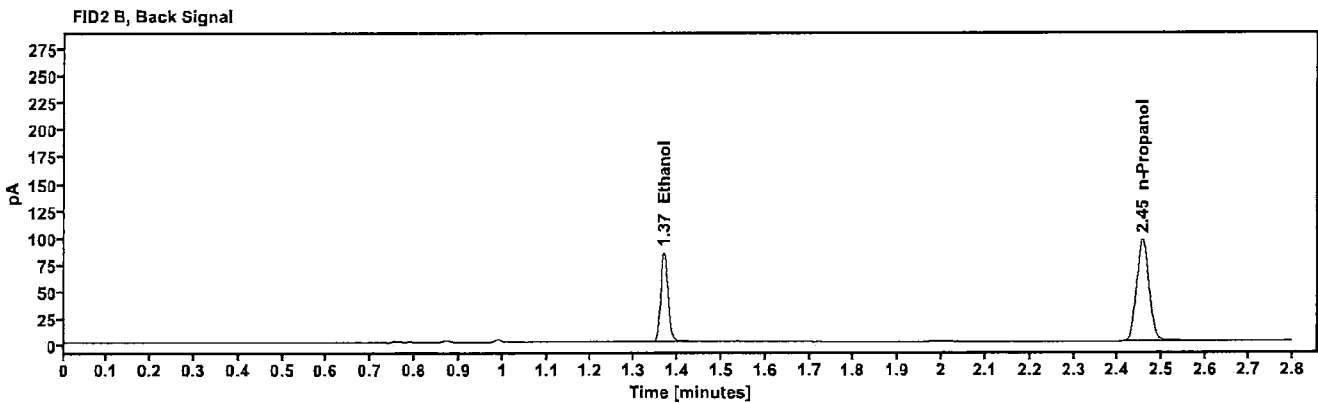
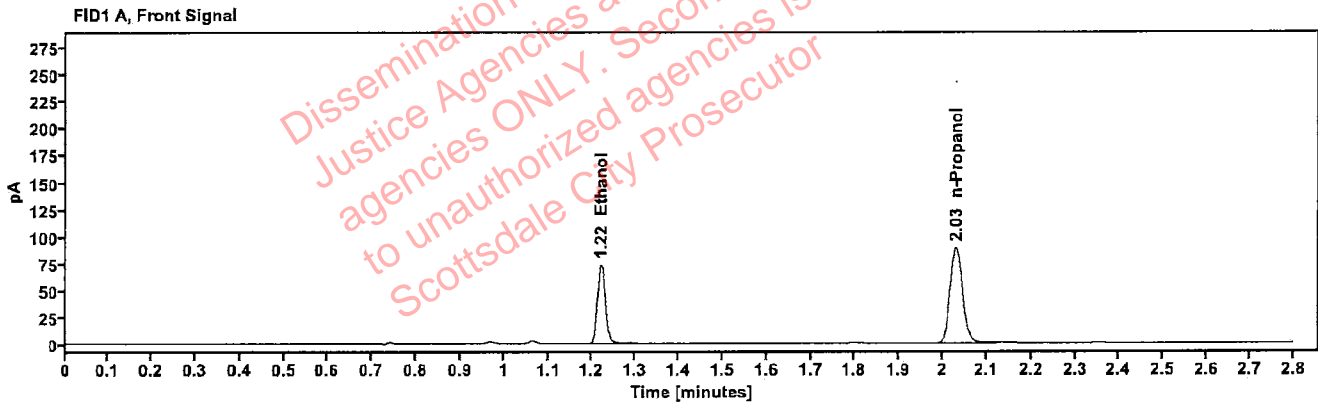


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1496	1.219	93.572
n-Propanol	---	2.031	177.459

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

Compound	Time (min)	Peak Area
Ethanol	1.368	102.390
n-Propanol	2.455	191.860

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422566-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	[REDACTED]	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:31:42 PM
Data file:	C:\Chem32\1\Data\13Nov24\36.D	Analyst:	Brooke

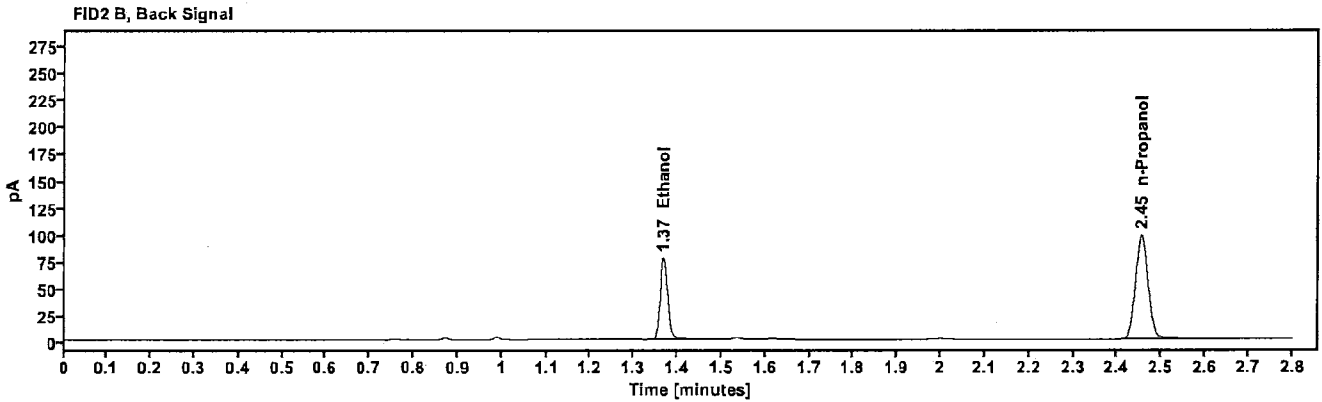
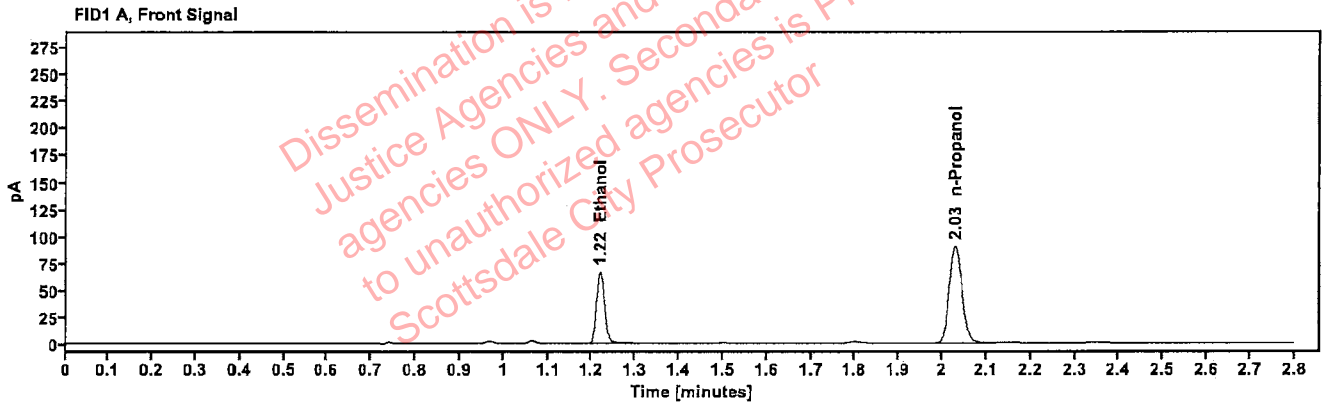


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1341	1.219	85.197
n-Propanol	---	2.030	180.436

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

Compound	Time (min)	Peak Area
Ethanol	1.368	93.265
n-Propanol	2.454	195.694

[Redacted]: Brooke, Phillip - (15-Nov-2024)

Case: [Redacted] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422566-1	Vial:	37
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	[Redacted]	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:35:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\37.D	Analyst:	Brooke

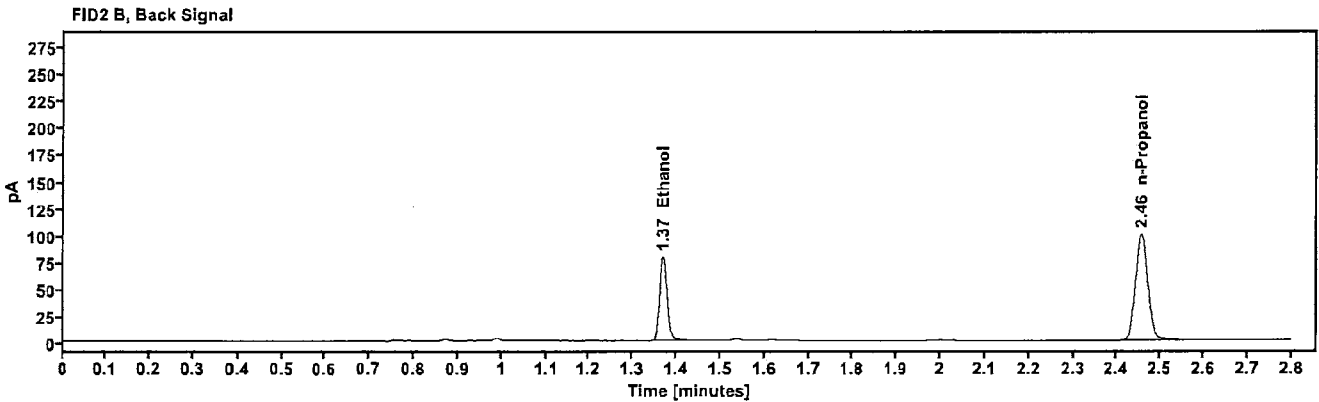
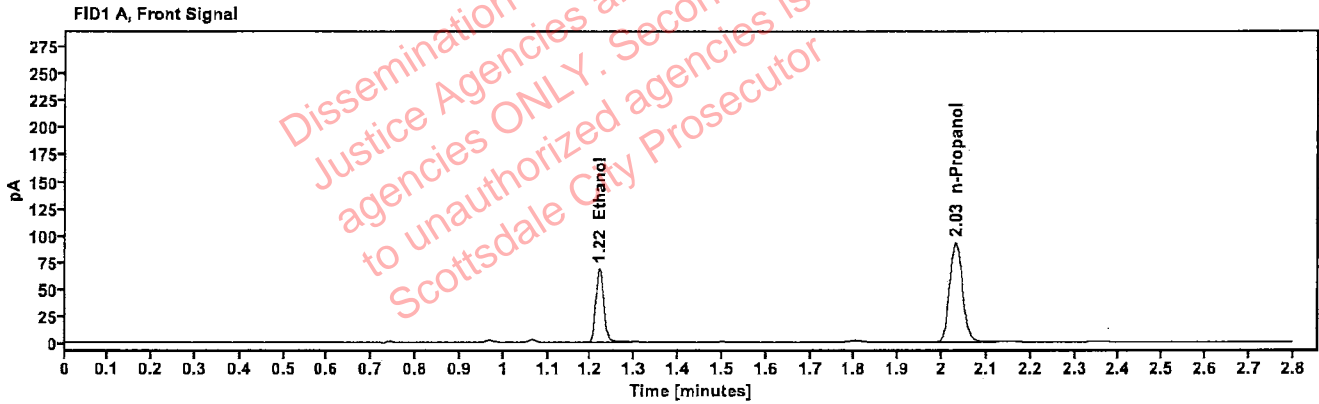


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1344	1.219	87.224
n-Propanol	-----	2.031	184.259

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

Compound	Time (min)	Peak Area
Ethanol	1.369	95.601
n-Propanol	2.455	199.850

[REDACTED]: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422491-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:39:57 PM
Data file:	C:\Chem32\11\Data\13Nov24\38.D	Analyst:	Brooke

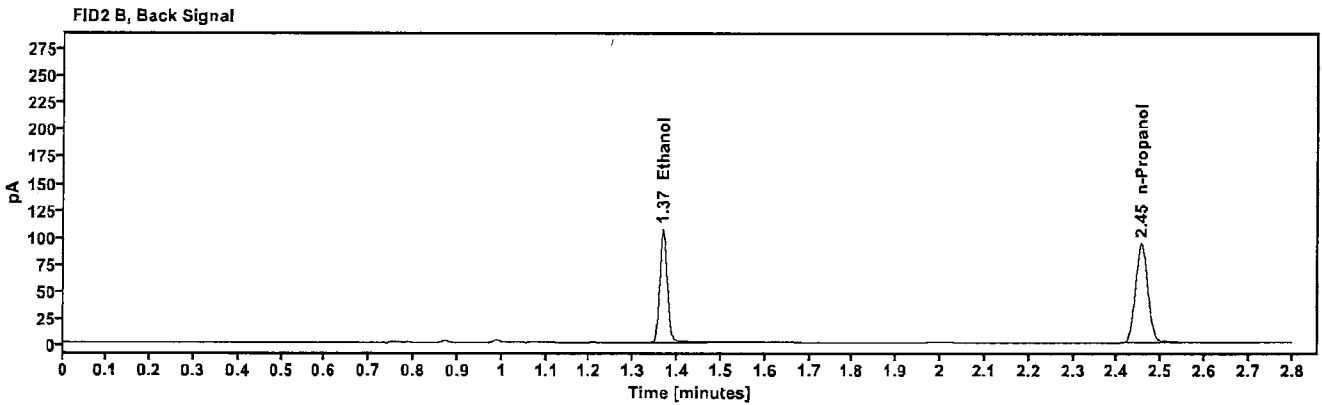
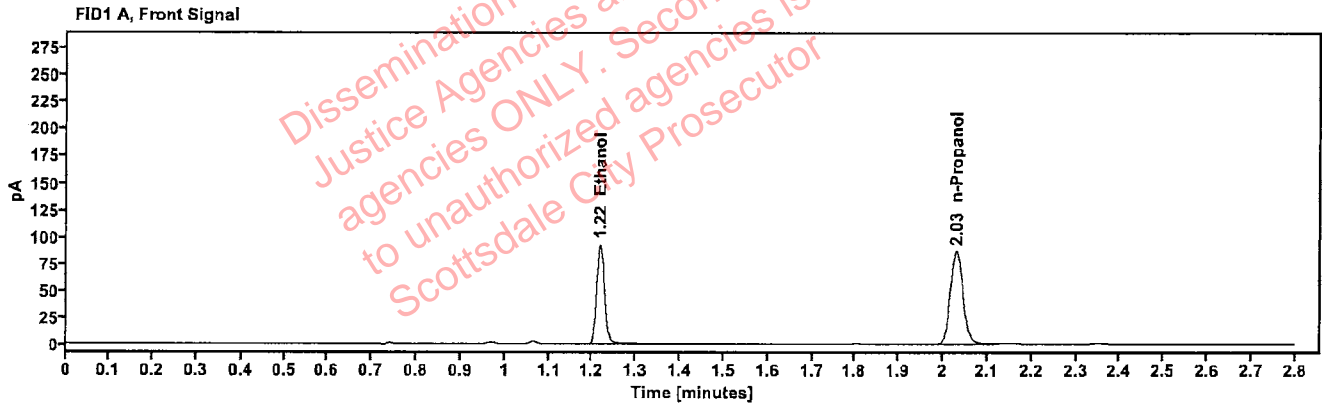


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1928	1.218	117.366
n-Propanol	—	2.030	172.546

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

Compound	Time (min)	Peak Area
Ethanol	1.366	129.894
n-Propanol	2.454	186.922

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422491-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:43:58 PM
Data file:	C:\Chem32\1\Data\13Nov24\39.D	Analyst:	Brooke

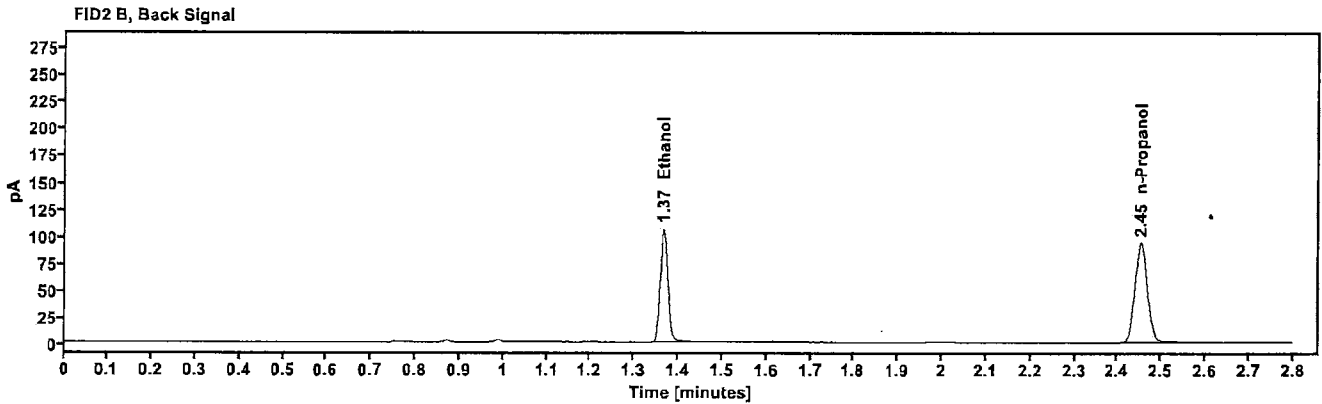
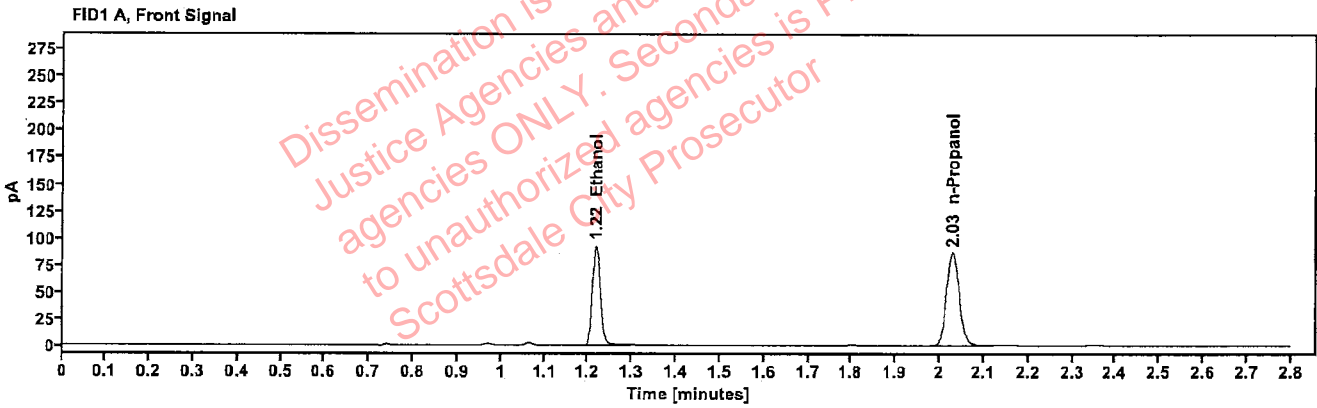


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1925	1.217	117.258
n-Propanol	-----	2.029	172.603

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

Compound	Time (min)	Peak Area
Ethanol	1.366	128.757
n-Propanol	2.453	186.999

: Brooke, Phillip - (15-Nov-2024)

Case: User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422810-2	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:47:56 PM
Data file:	C:\Chem32\1\Data\13Nov24\40.D	Analyst:	Brooke

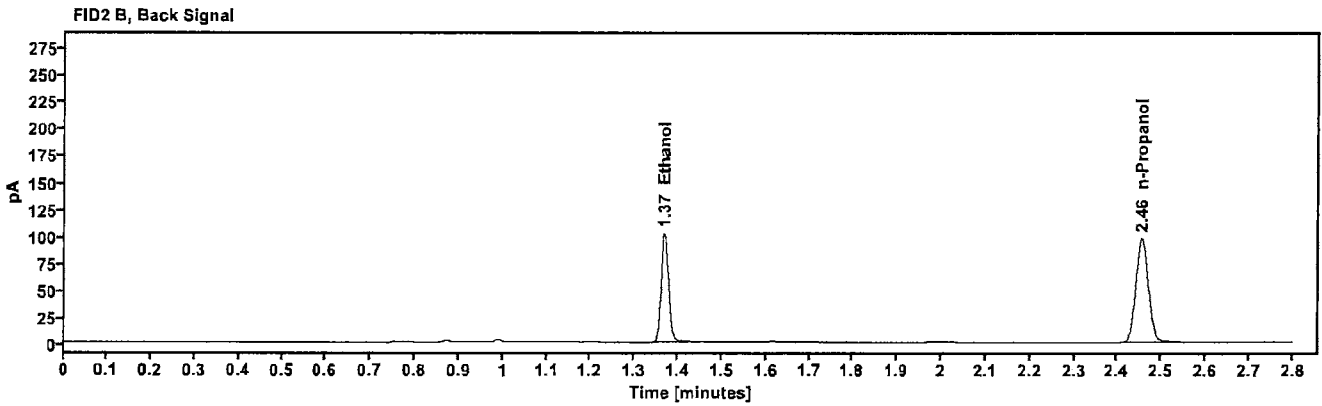
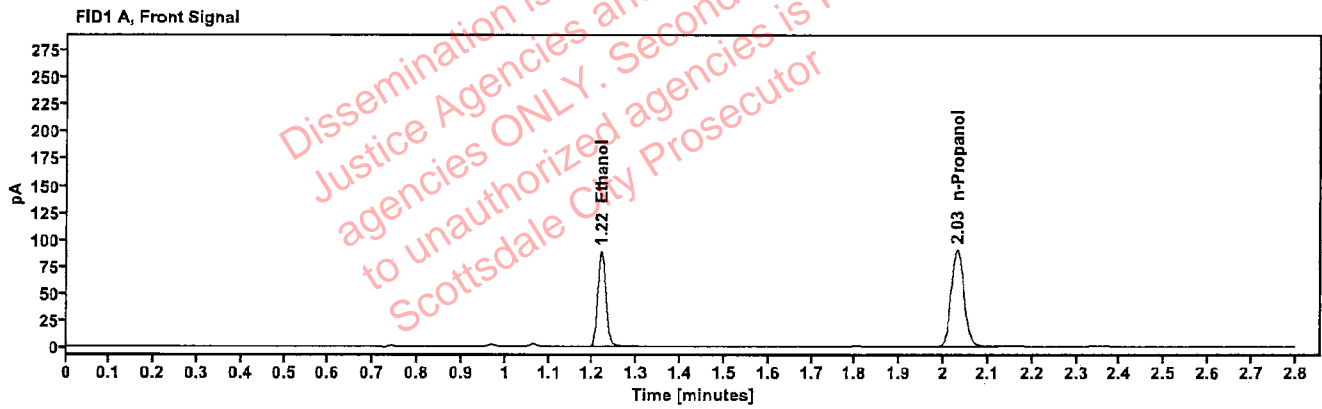


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1776	1.219	112.811
n-Propanol	-----	2.031	180.096

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

Compound	Time (min)	Peak Area
Ethanol	1.368	123.619
n-Propanol	2.455	195.452

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422810-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 8:51:57 PM
Data file:	C:\Chem32\1\Data\13Nov24\41.D	Analyst:	Brooke

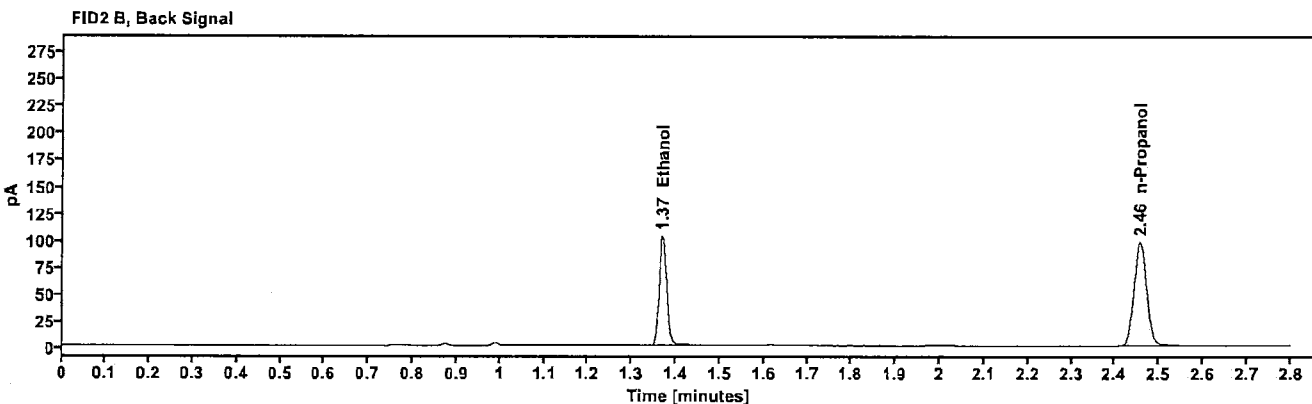
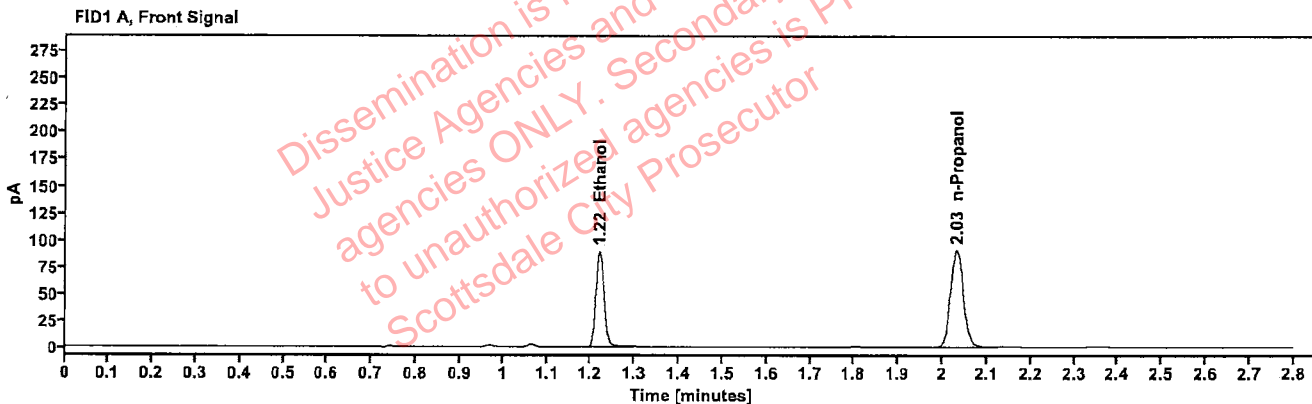


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1784	1.219	113.708
n-Propanol	---	2.031	180.673

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

Compound	Time (min)	Peak Area
Ethanol	1.368	124.806
n-Propanol	2.456	196.135

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421538-2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:00:12 PM
Data file:	C:\Chem32\1\Data\13Nov24\43.D	Analyst:	Brooke

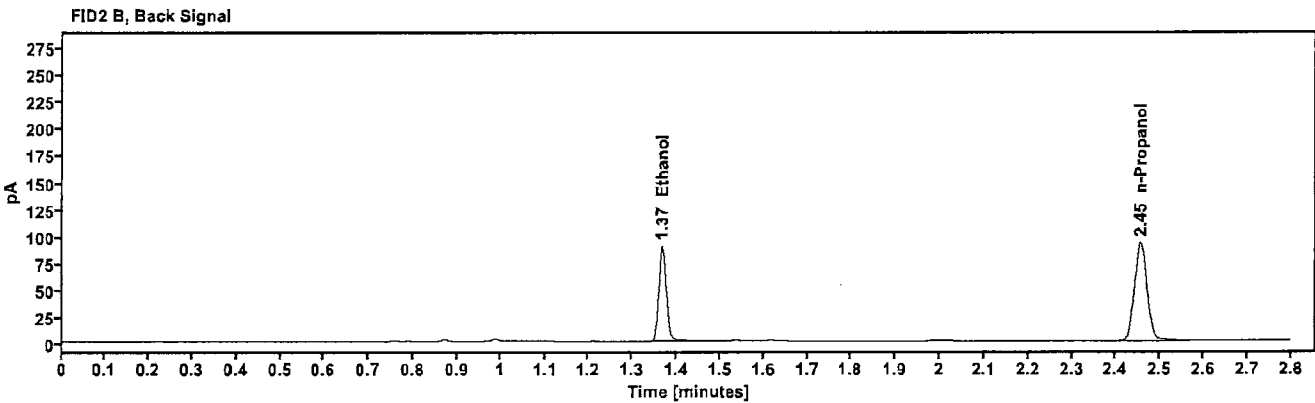
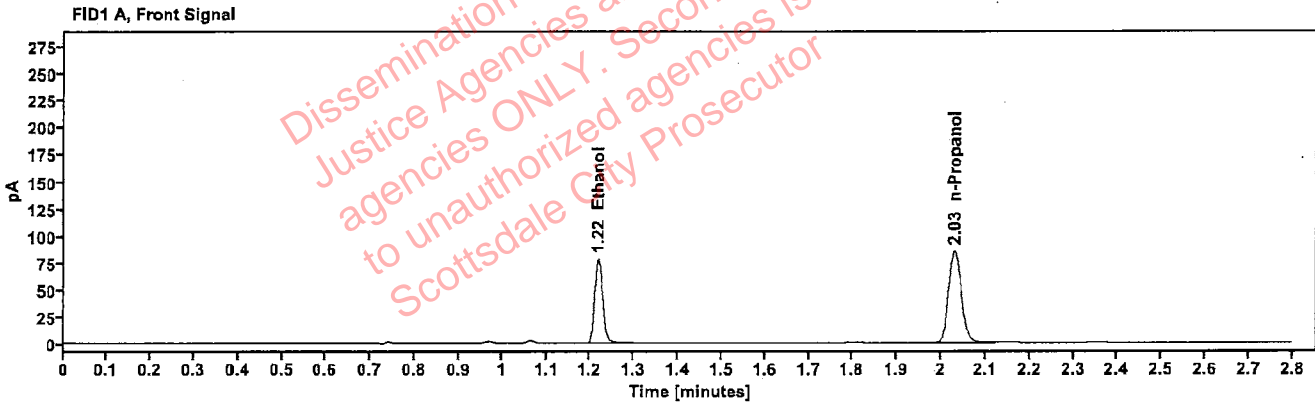


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1651	1.218	99.023
n-Propanol	—	2.030	170.066

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

Compound	Time (min)	Peak Area
Ethanol	1.366	108.568
n-Propanol	2.455	184.610

: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2421538-2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:04:11 PM
Data file:	C:\Chem32\1\Data\13Nov24\44.D	Analyst:	Brooke

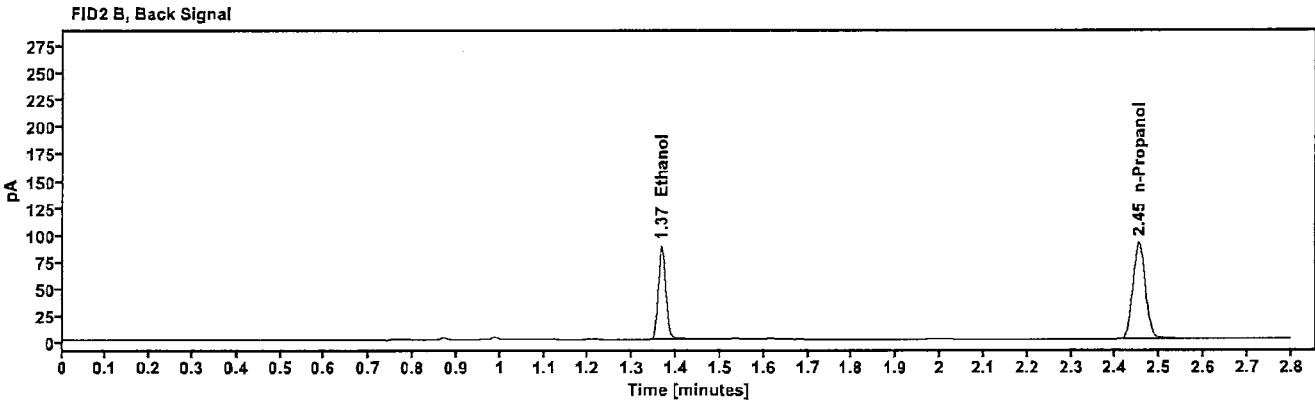
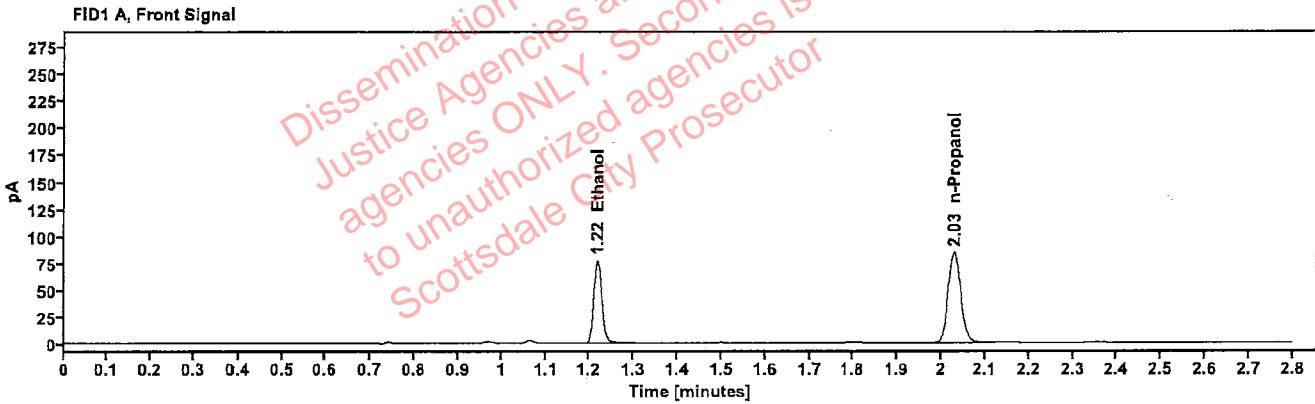


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1645	1.217	97.450
n-Propanol	---	2.029	168.003

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

Compound	Time (min)	Peak Area
Ethanol	1.365	106.630
n-Propanol	2.452	182.316

: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422565-2	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:08:12 PM
Data file:	C:\Chem32\1\Data\13Nov24\45.D	Analyst:	Brooke

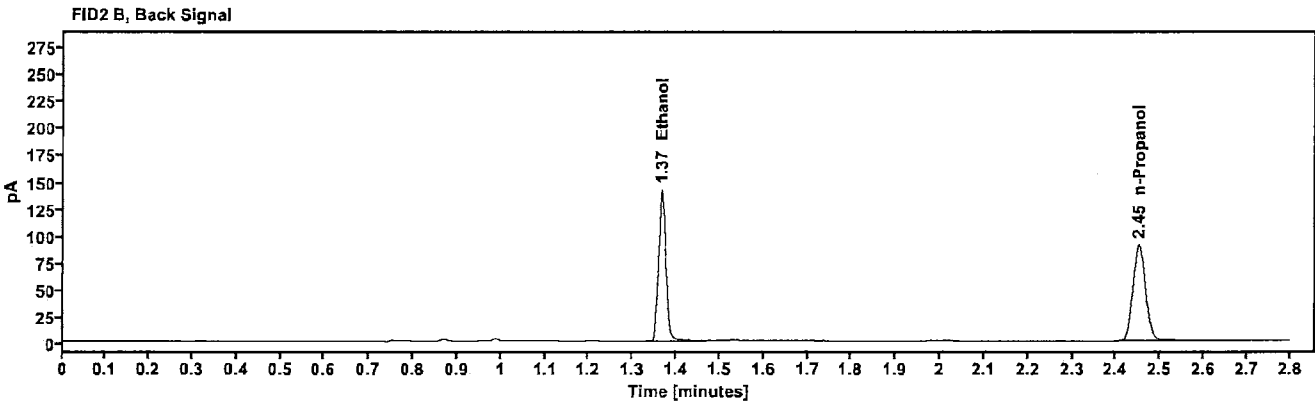
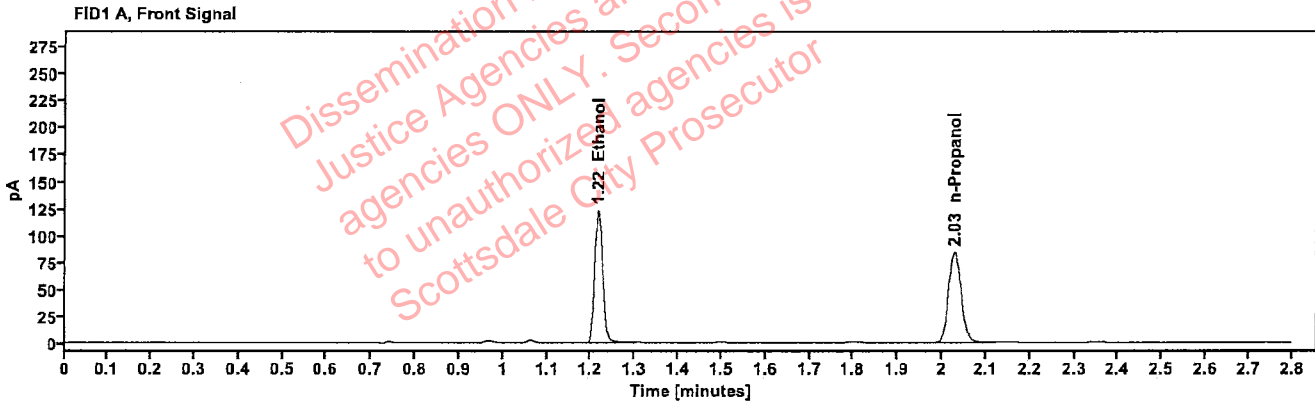


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2631	1.217	155.910
n-Propanol	—	2.028	167.745

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

Compound	Time (min)	Peak Area
Ethanol	1.365	172.626
n-Propanol	2.452	181.527

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422565-2	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:12:12 PM
Data file:	C:\Chem32\11\Data\13Nov24\46.D	Analyst:	Brooke

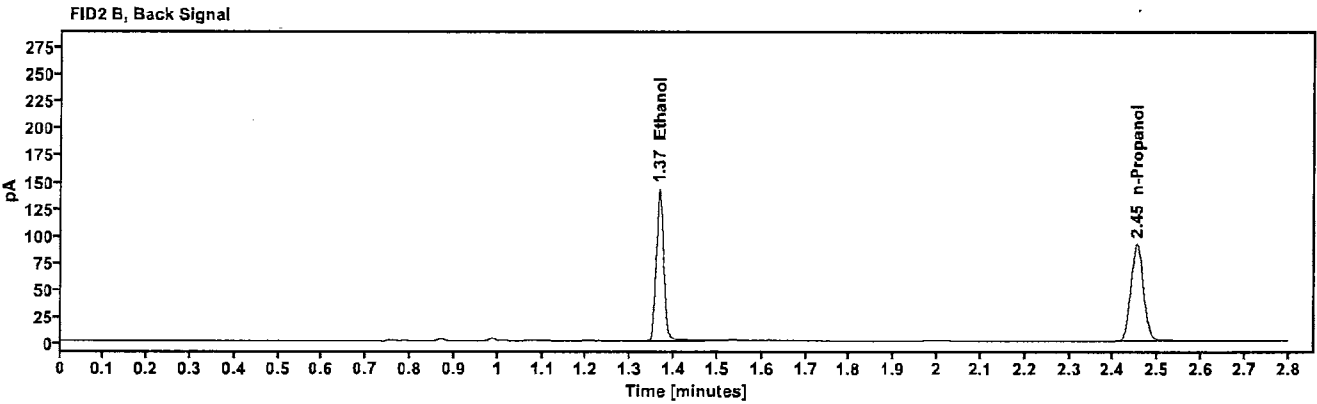
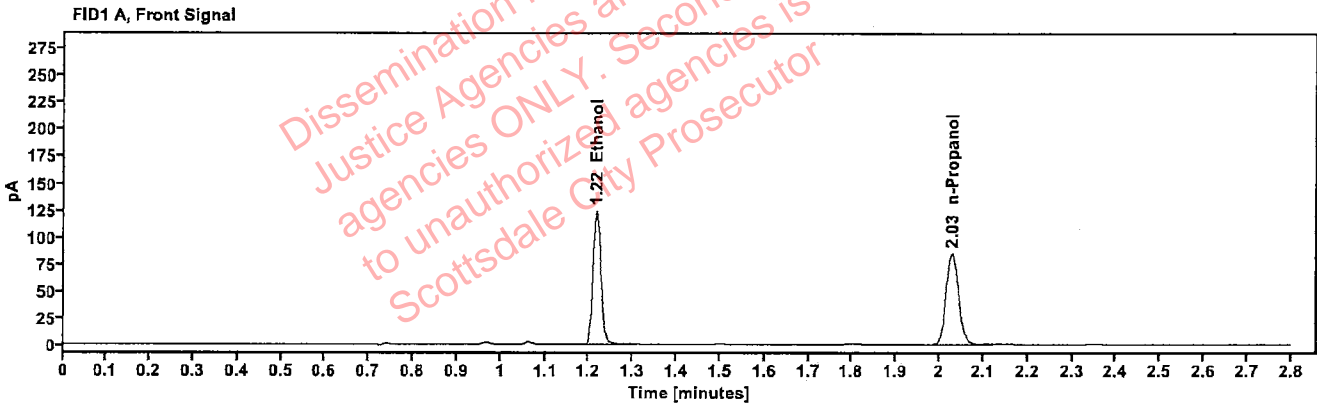


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2634	1.217	156.878
n-Propanol	---	2.029	168.557

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

Compound	Time (min)	Peak Area
Ethanol	1.365	173.585
n-Propanol	2.452	182.523

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422485-2	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:16:12 PM
Data file:	C:\Chem32\1\Data\13Nov24\47.D	Analyst:	Brooke

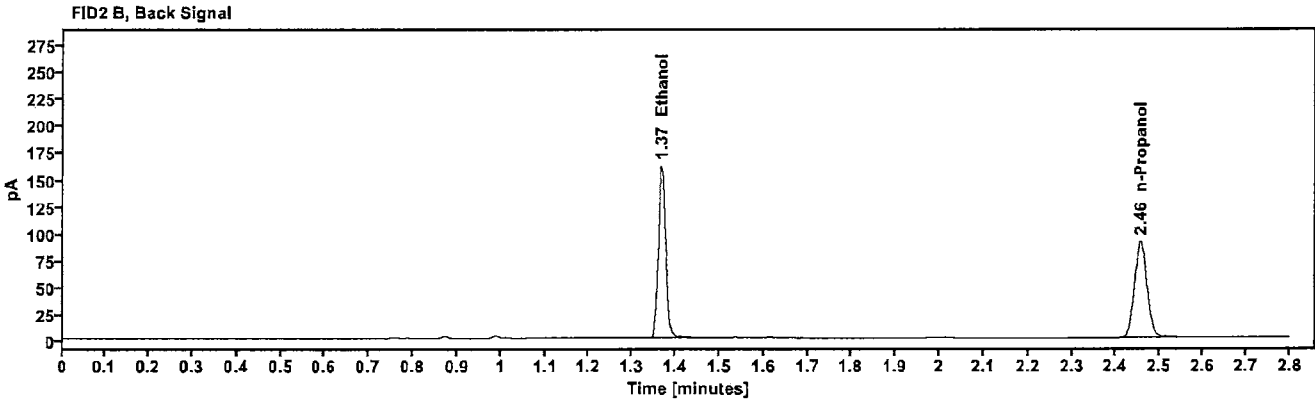
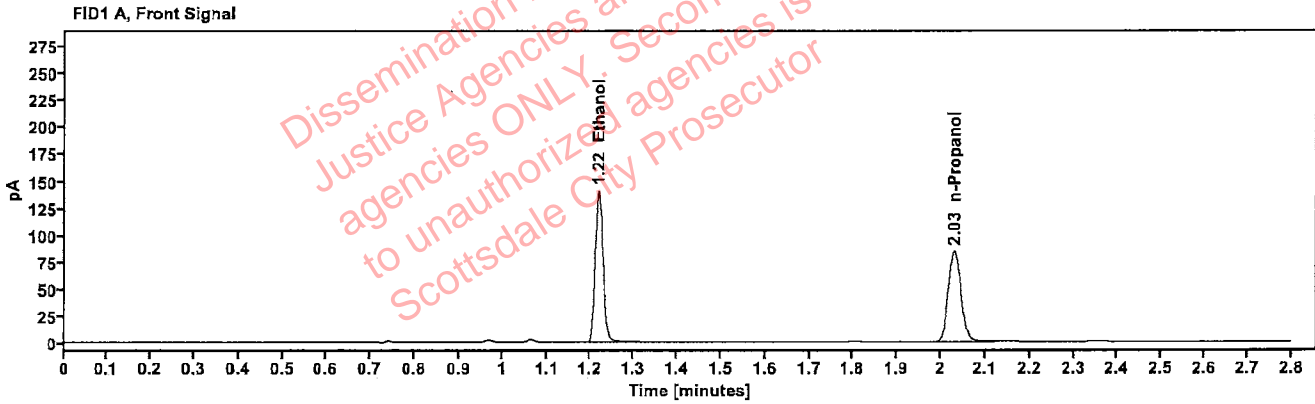


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3003	1.218	177.816
n-Propanol	---	2.031	167.518

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

Compound	Time (min)	Peak Area
Ethanol	1.367	196.691
n-Propanol	2.455	181.469

[REDACTED] : Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422485-2	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:20:12 PM
Data file:	C:\Chem32\1\Data\13Nov24\48.D	Analyst:	Brooke

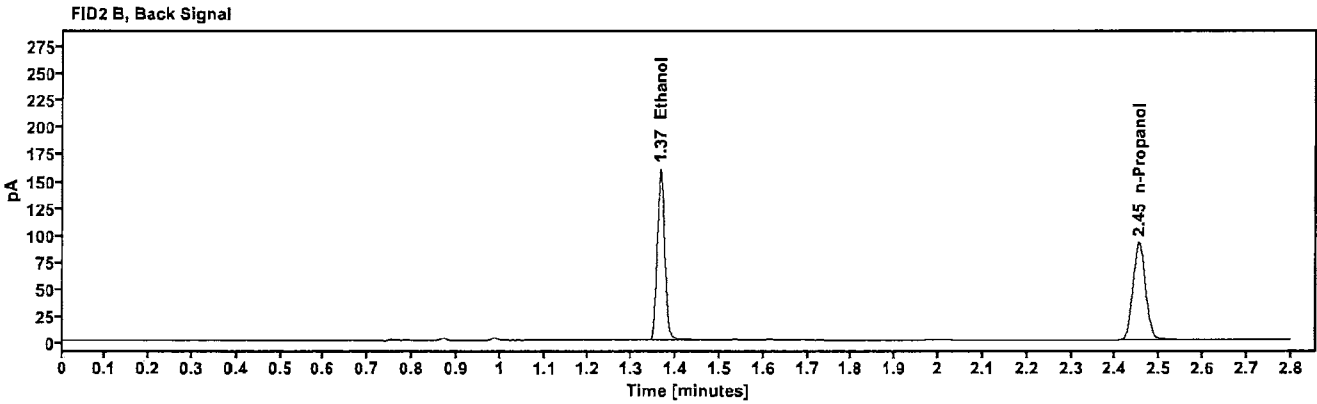
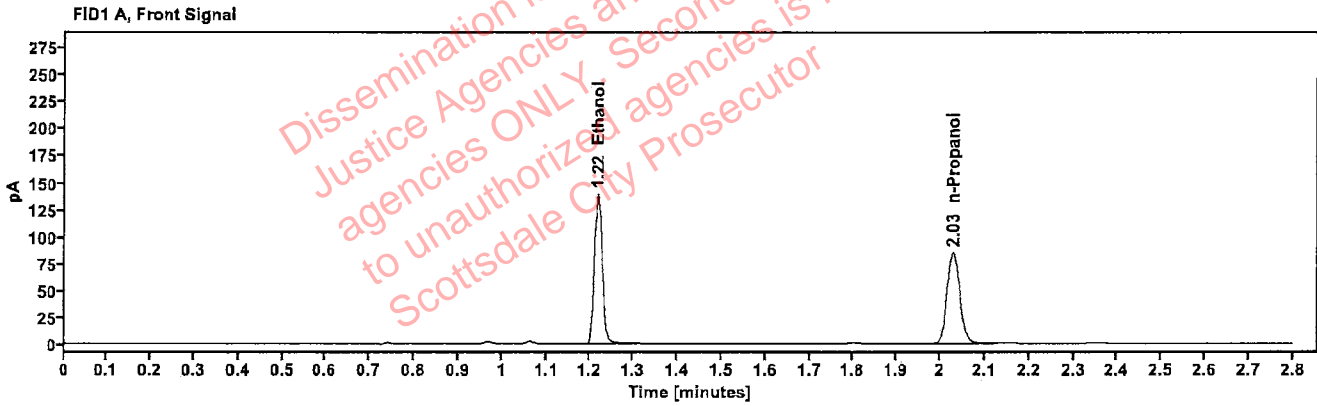


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2951	1.217	176.121
n-Propanol	-----	2.029	168.895

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

Compound	Time (min)	Peak Area
Ethanol	1.365	194.992
n-Propanol	2.453	182.953

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422490-1	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:24:27 PM
Data file:	C:\Chem32\1\Data\13Nov24\49.D	Analyst:	Brooke

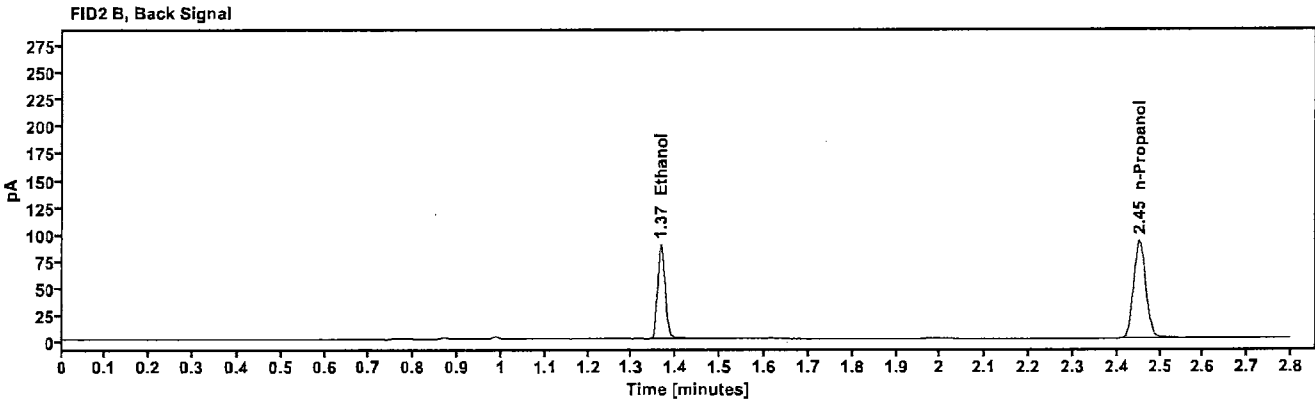
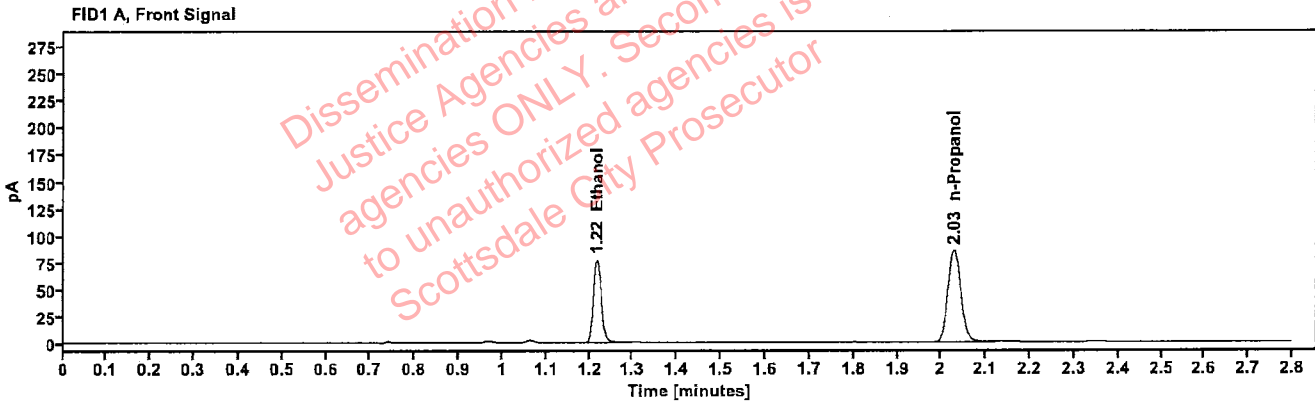


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1630	1.217	97.673
n-Propanol	—	2.028	169.935

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

Compound	Time (min)	Peak Area
Ethanol	1.365	107.100
n-Propanol	2.452	184.272

[REDACTED]: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422490-1	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:28:28 PM
Data file:	C:\Chem32\1\Data\13Nov24\50.D	Analyst:	Brooke

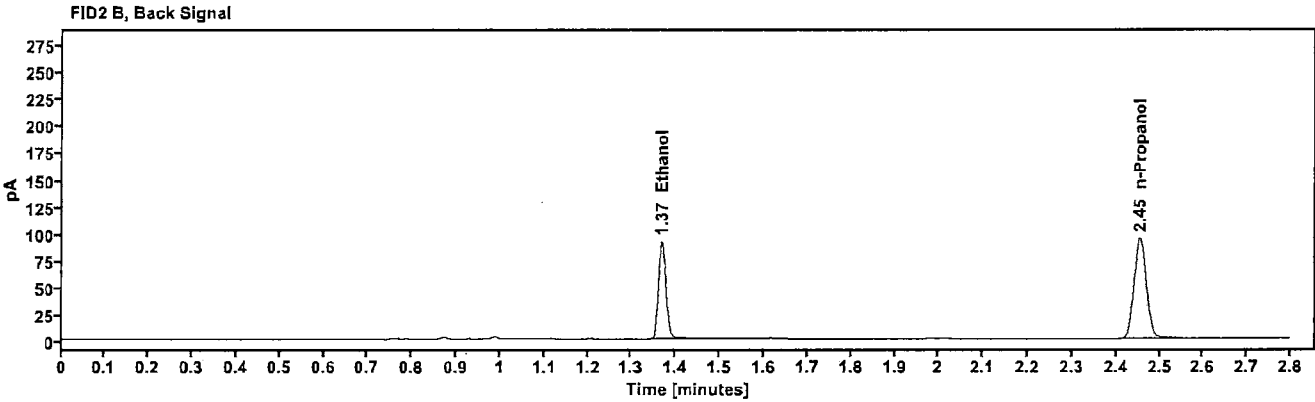
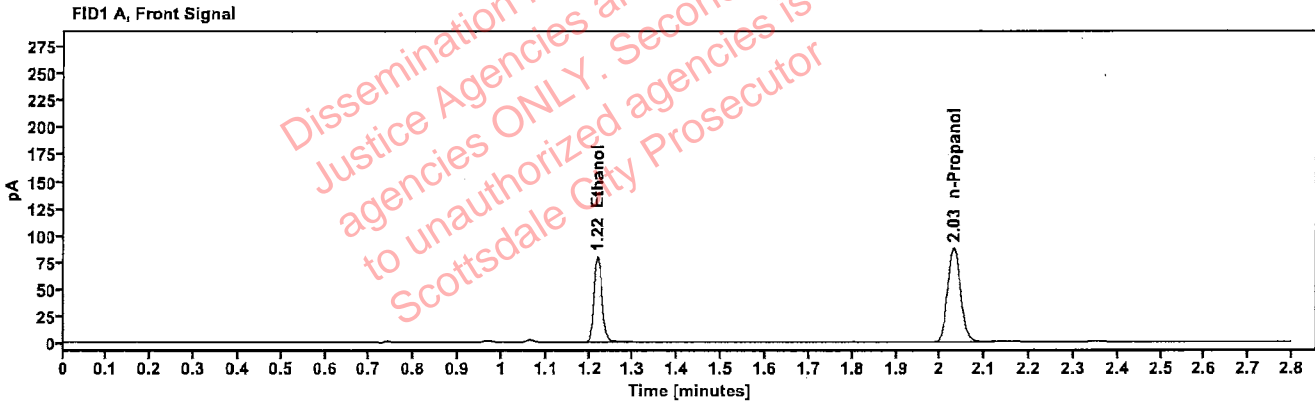


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1649	1.219	101.255
n-Propanol	—	2.030	174.114

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

Compound	Time (min)	Peak Area
Ethanol	1.367	111.078
n-Propanol	2.455	188.889

[REDACTED]: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422964-2	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:32:27 PM
Data file:	C:\Chem32\1\Data\13Nov24\51.D	Analyst:	Brooke

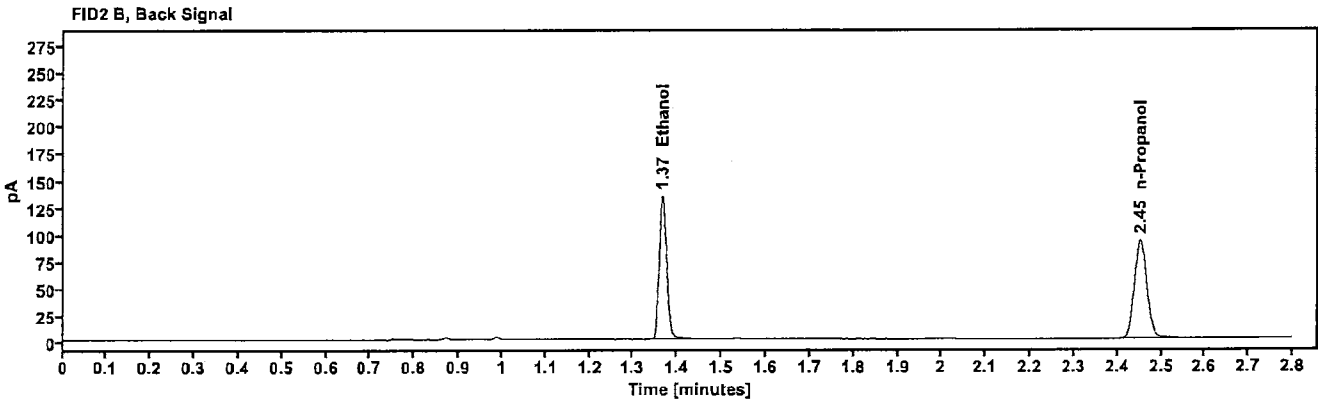
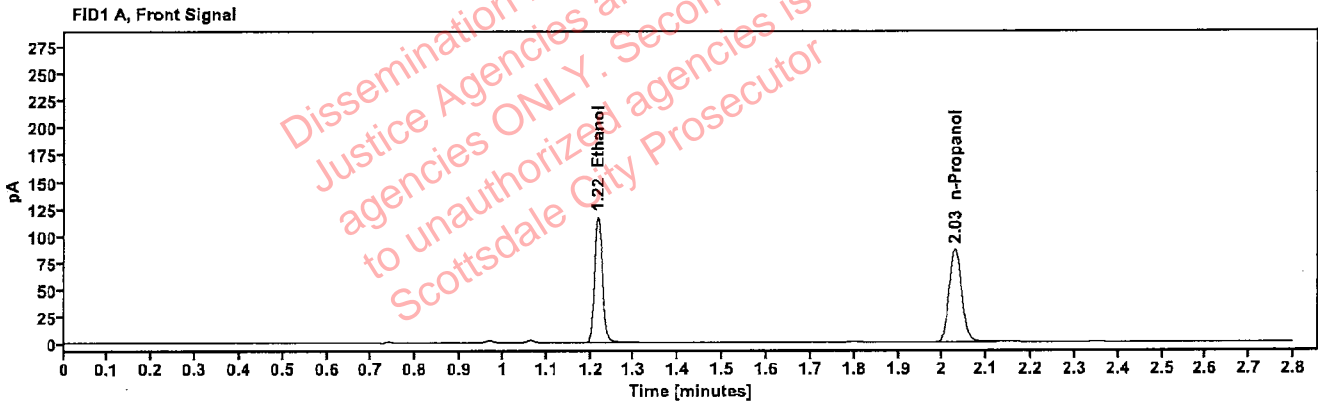


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2445	1.217	147.887
n-Propanol	---	2.029	171.260

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

Compound	Time (min)	Peak Area
Ethanol	1.366	163.685
n-Propanol	2.452	185.697

: Brooke, Phillip - (15-Nov-2024)

Case: [REDACTED] User: pbrooke 11/15/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2422964-2	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13Nov24
Instrument:	US14173023 CN14160045	Injection date:	11/13/2024 9:36:27 PM
Data file:	C:\Chem32\1\Data\13Nov24\52.D	Analyst:	Brooke

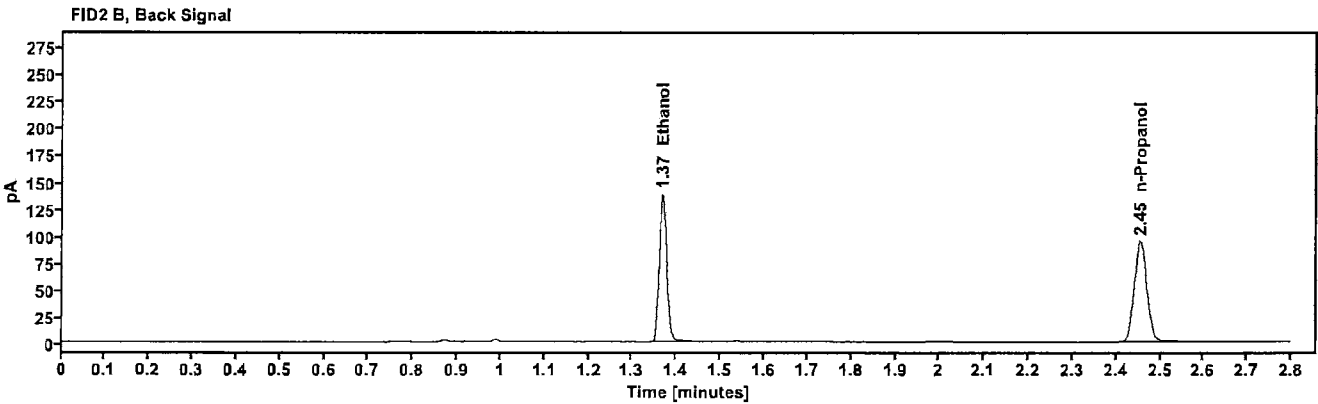
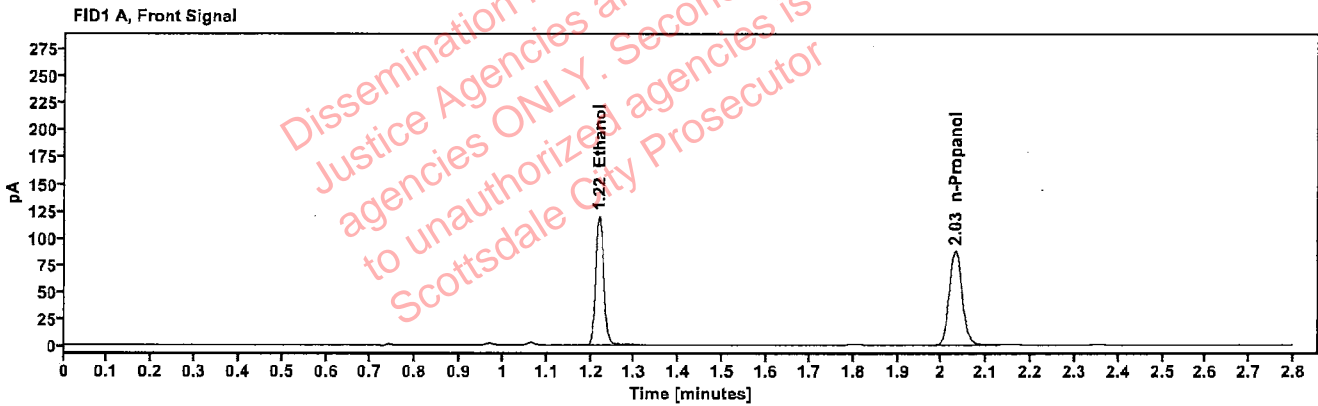


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2467	1.218	152.131
n-Propanol	—	2.030	174.583

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

Compound	Time (min)	Peak Area
Ethanol	1.368	168.359
n-Propanol	2.455	189.123