

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/6/2018 SEQUENCE NAME 6Nov18

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN06181501 0.99998
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 081418
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.155 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
69	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 08012015-C
70	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 09022015-A
71	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/3
72	Blank	Not detected	Not detected	SPD lab 081418

SUBJECT SAMPLES

Subjects in the sequence 27 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid WA B1520 11/7/18 Analyst
 Run valid Run invalid KOSECKI 11/07/18 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 6Nov18

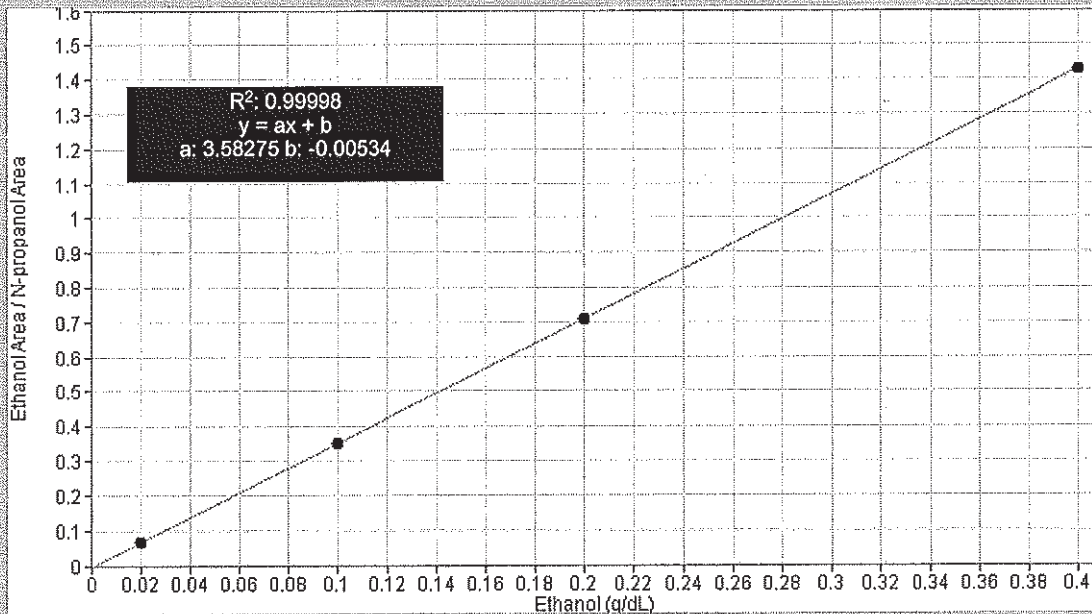
ANALYST: Adrian

WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 081418	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.399	0.400	0.25	-0.001
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	9	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.155	0.150	3.33	0.005
0.198 ACQ 407041529/3	42	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	64	0.152	0.150	1.33	0.002
0.40 Lipomed 08012015-C	69	0.406	0.400	1.50	0.006
0.04 Lipomed 09022015-A	70	0.041	0.040	2.50	0.001
0.198 ACQ 407041529/3	71	0.200	0.198	1.01	0.002
blank 081418	72	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.191	177.918	0.069
0.100	62.419	177.022	0.353
0.200	120.420	170.204	0.708
0.400	241.986	169.271	1.430

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

WCA

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 11/6/2018 3:26:22 PM	Vial: 1
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Nov18\1.D	

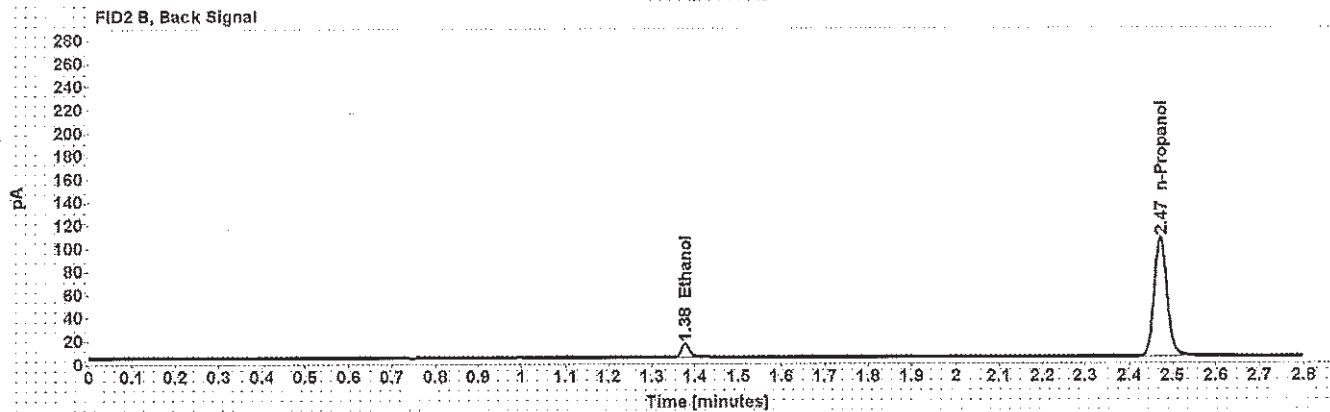
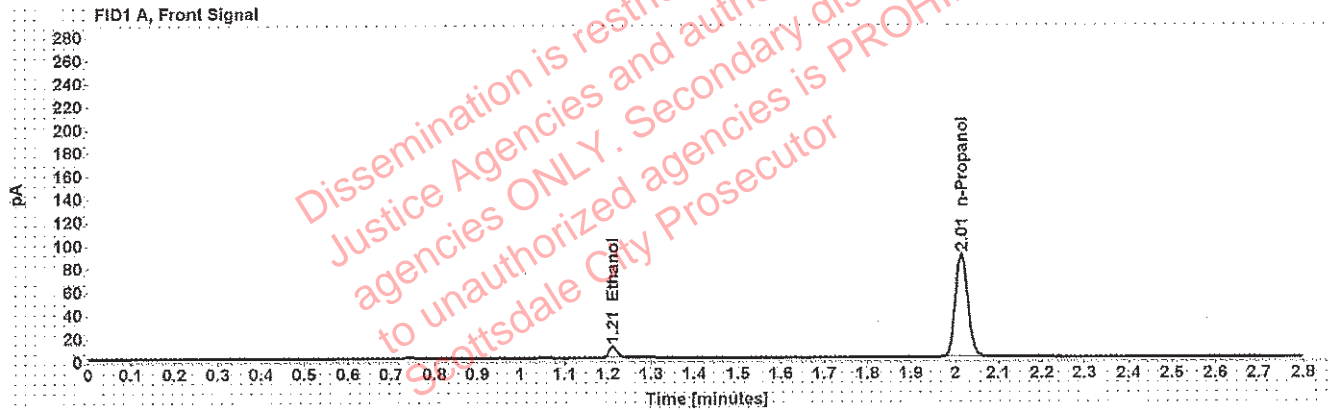


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	12.191
n-Propanol	2.014	177.918

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

Compound	Time (min)	Peak Area
Ethanol	1.377	14.817
n-Propanol	2.472	211.742

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 11/6/2018 3:30:22 PM	Vial: 2
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\2.D	

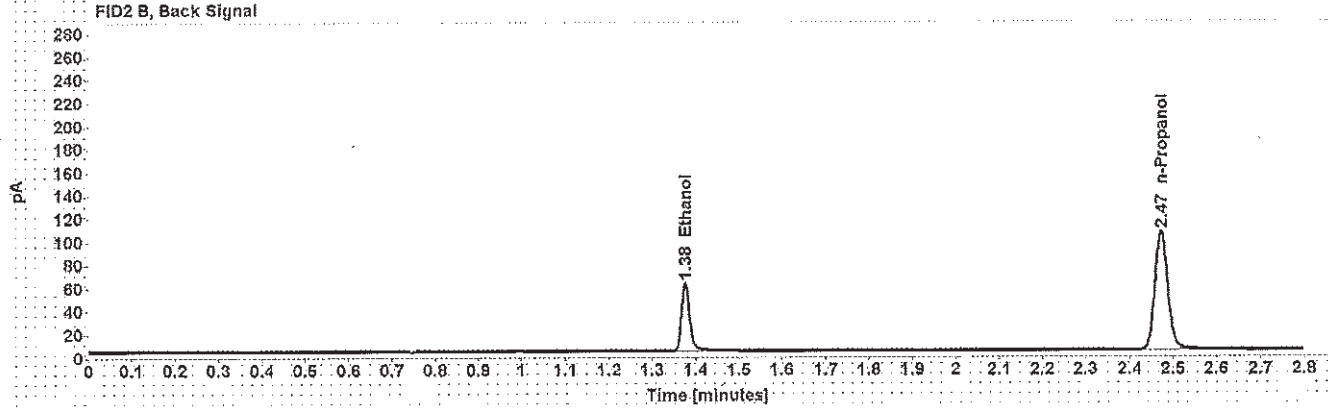
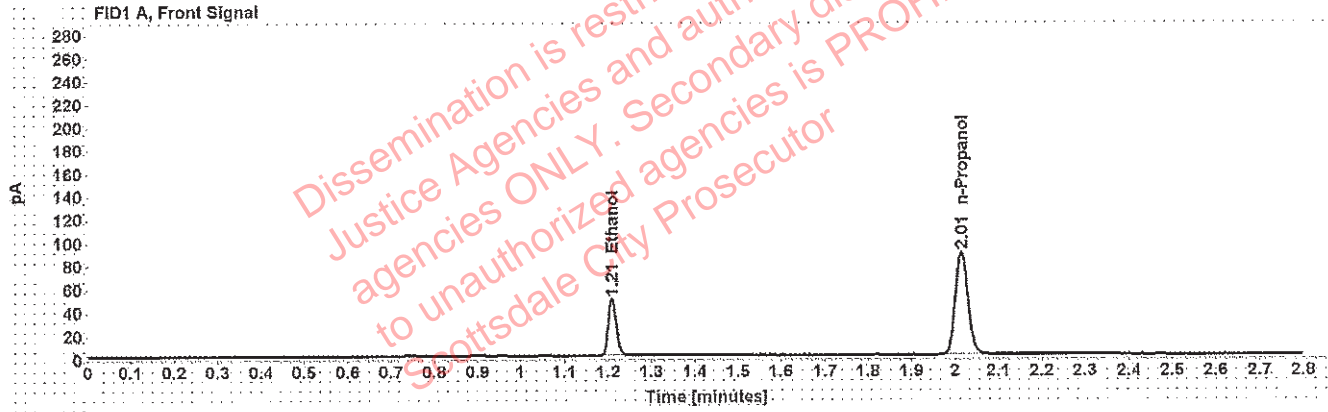


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	62.419
n-Propanol	2.015	177.022

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

Compound	Time (min)	Peak Area
Ethanol	1.376	76.488
n-Propanol	2.472	211.529

Scottsdale Police Department Crime Lab Volatiles Analysis

NA

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 11/6/2018 3:34:22 PM	Vial: 3
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\3.D	

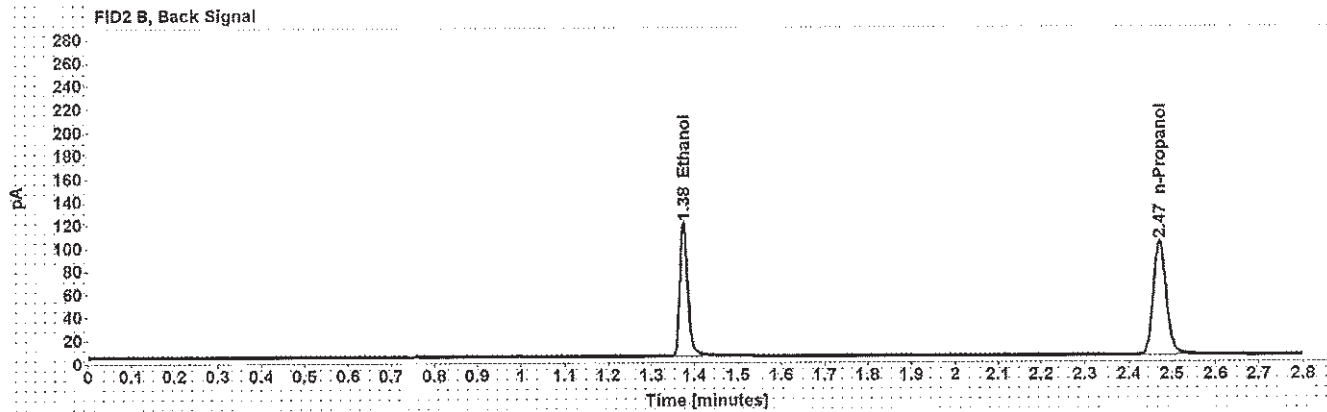
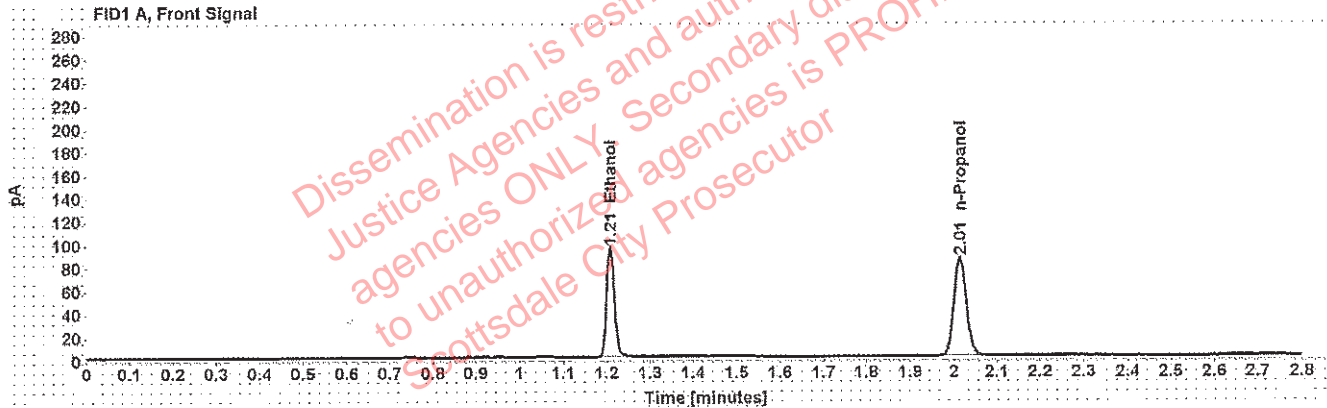


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	120.420
n-Propanol	2.014	170.204

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

Compound	Time (min)	Peak Area
Ethanol	1.375	148.122
n-Propanol	2.471	203.921

Scottsdale Police Department Crime Lab Volatiles Analysis

6/6

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 11/6/2018 3:38:22 PM	Vial: 4
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\4.D	

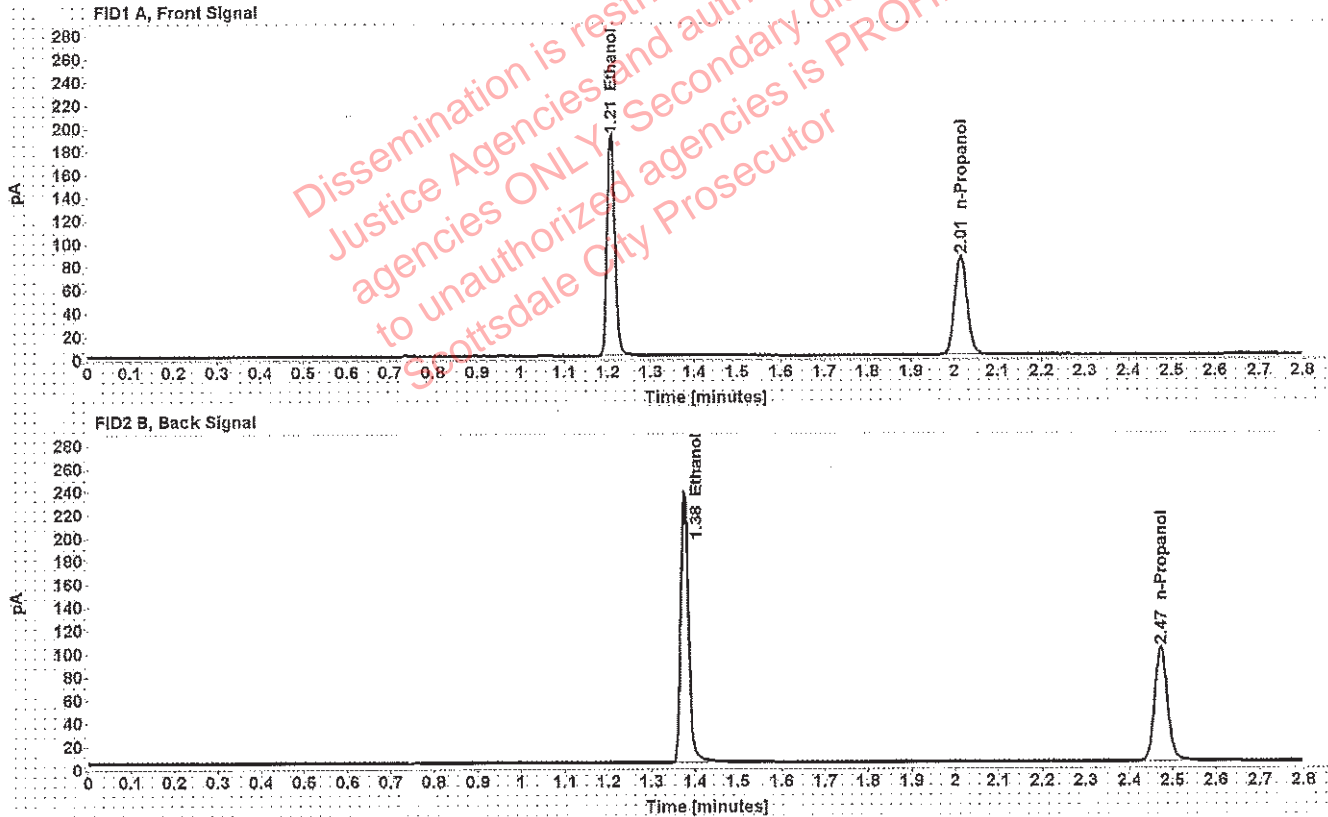


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	241.986
n-Propanol	2.015	169.271

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

Compound	Time (min)	Peak Area
Ethanol	1.376	298.717
n-Propanol	2.473	203.280

Scottsdale Police Department Crime Lab Volatiles Analysis

MA

Sample: blank 081418	Item number:
Injection date: 11/6/2018 3:42:22 PM	Vial: 5
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\5.D	

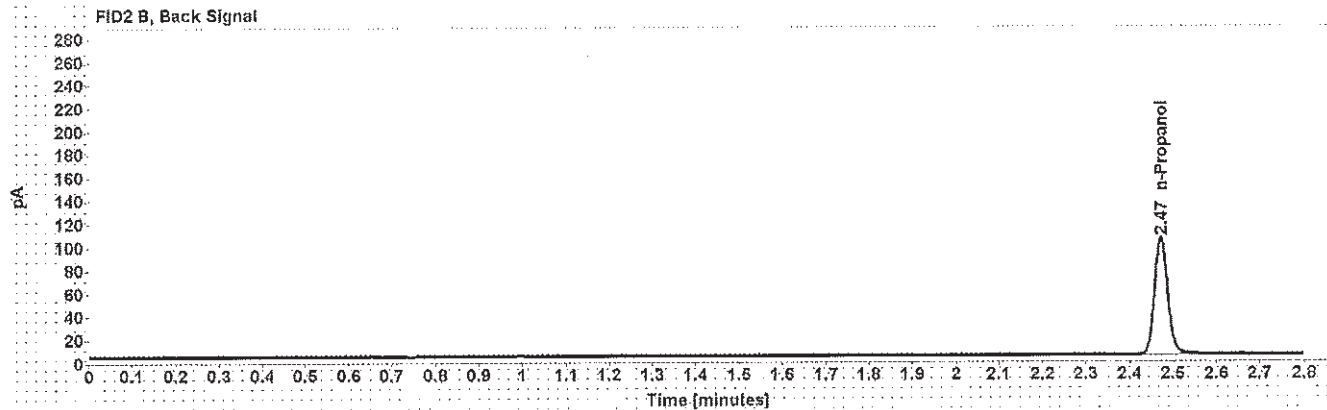


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	175.048

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

Compound	Time (min)	Peak Area
n-Propanol	2.473	209.415

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 11/6/2018 3:46:22 PM	Vial: 6
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\6.D	

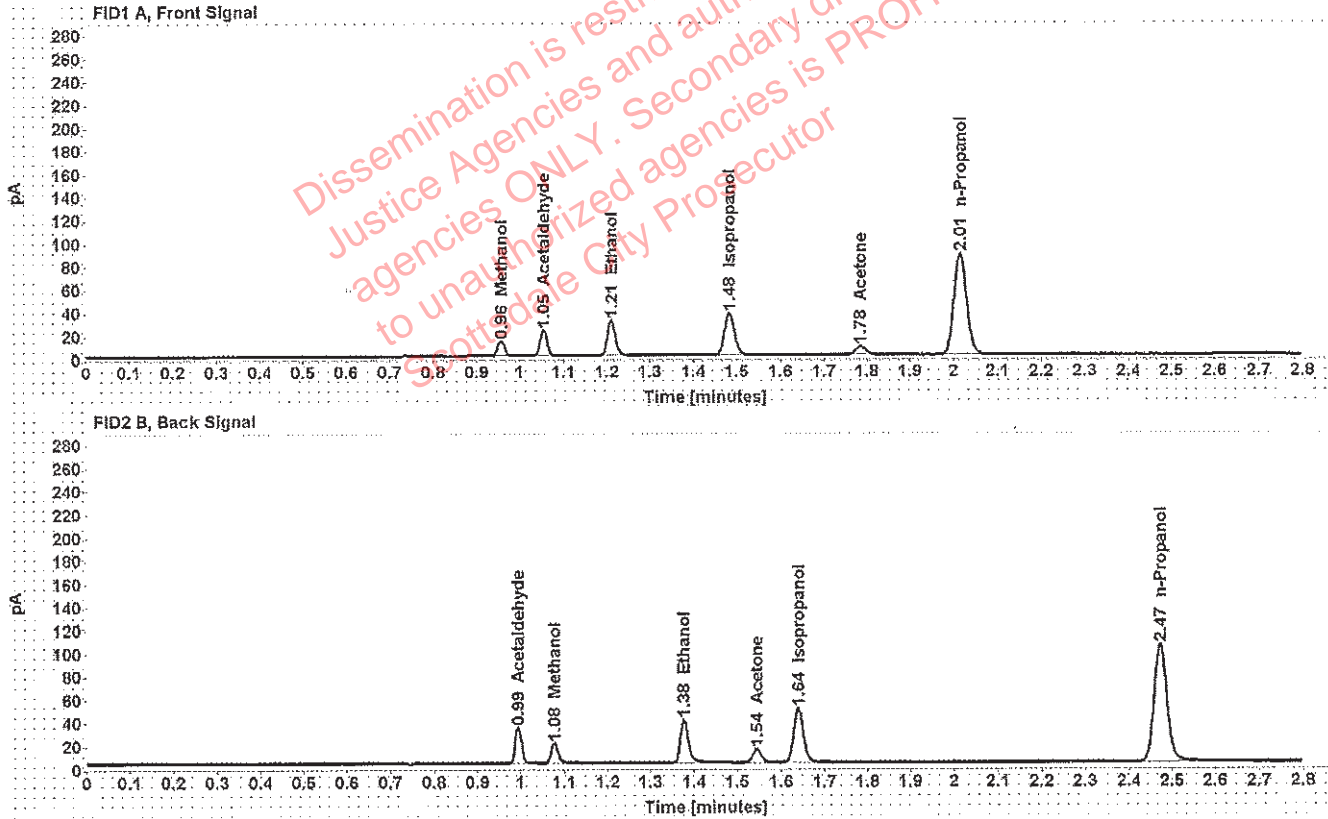


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	14.668
Acetaldehyde	-----	1.054	24.526
>Ethanol	0.0639	1.210	39.084
Isopropanol	-----	1.483	58.202
Acetone	-----	1.785	12.451
n-Propanol	-----	2.015	174.735

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	31.526
Methanol	1.077	18.471
Ethanol	1.377	47.619
Acetone	1.544	14.605
Isopropanol	1.639	72.142
n-Propanol	2.473	209.705

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 11/6/2018 3:50:37 PM	Vial: 7
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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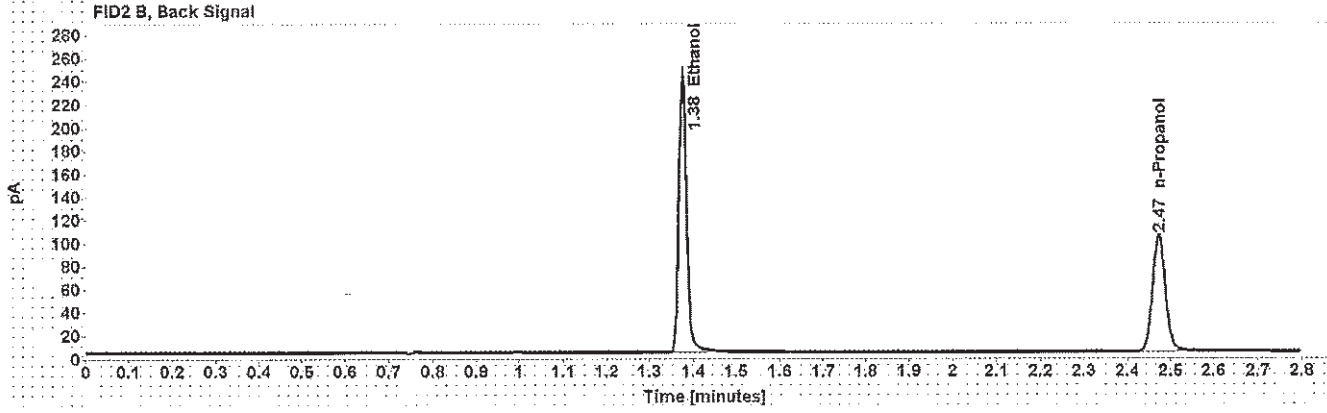
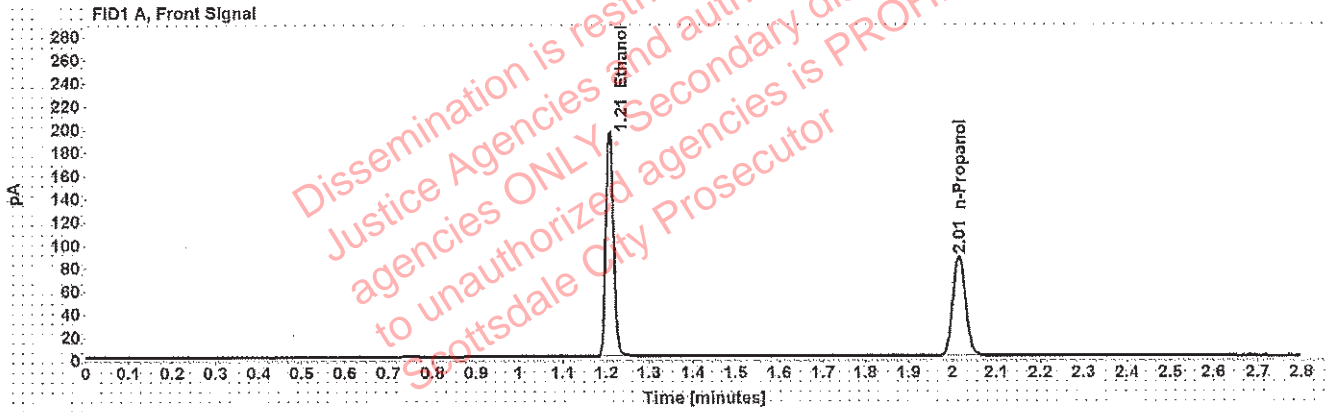


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3998	1.208	247.960
n-Propanol	-----	2.015	173.761

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

Compound	Time (min)	Peak Area
Ethanol	1.375	306.128
n-Propanol	2.472	208.590

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 11/6/2018 3:54:37 PM	Vial: 8
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\8.D	

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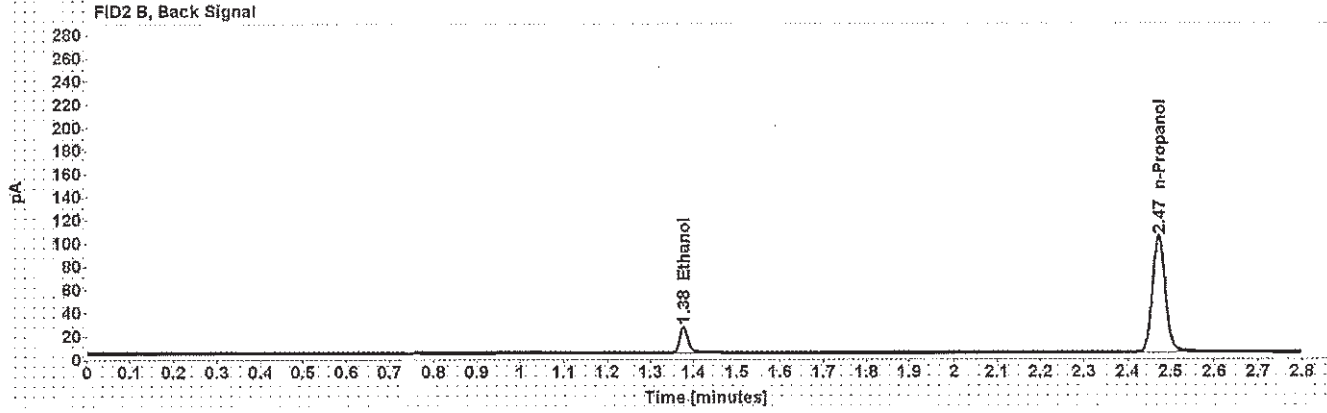
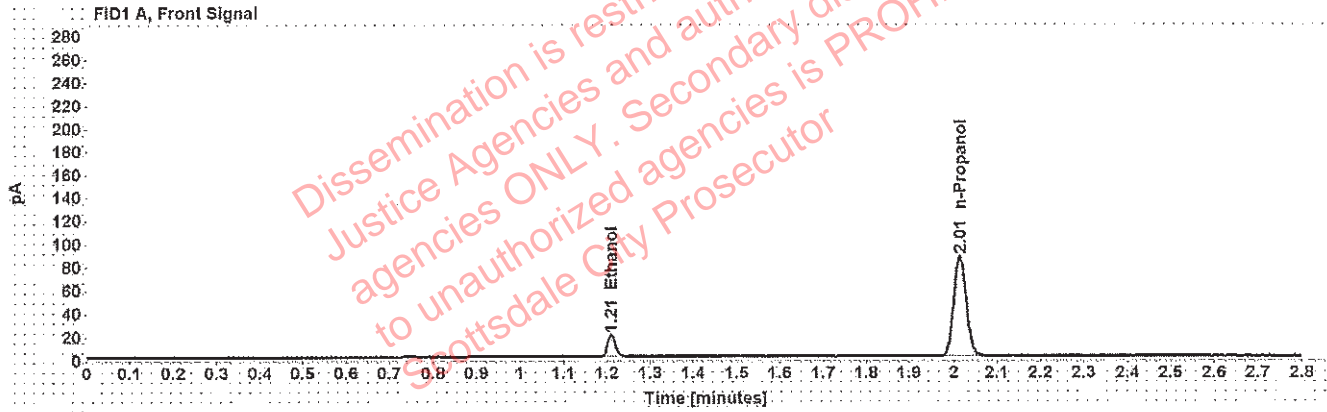


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.210	24.081
n-Propanol	-----	2.014	172.460

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

Compound	Time (min)	Peak Area
Ethanol	1.377	29.259
n-Propanol	2.472	206.958

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/6/2018 3:58:37 PM	Vial: 9
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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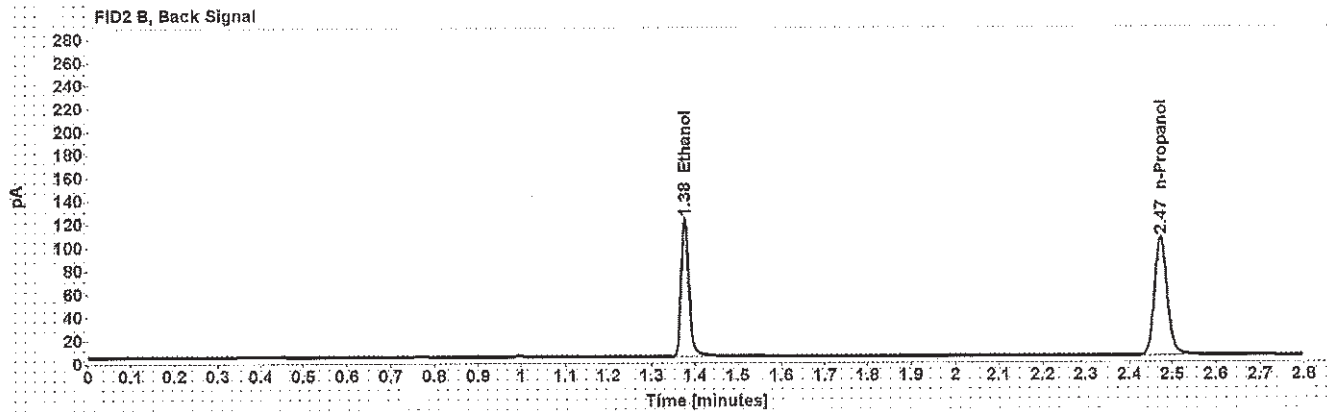
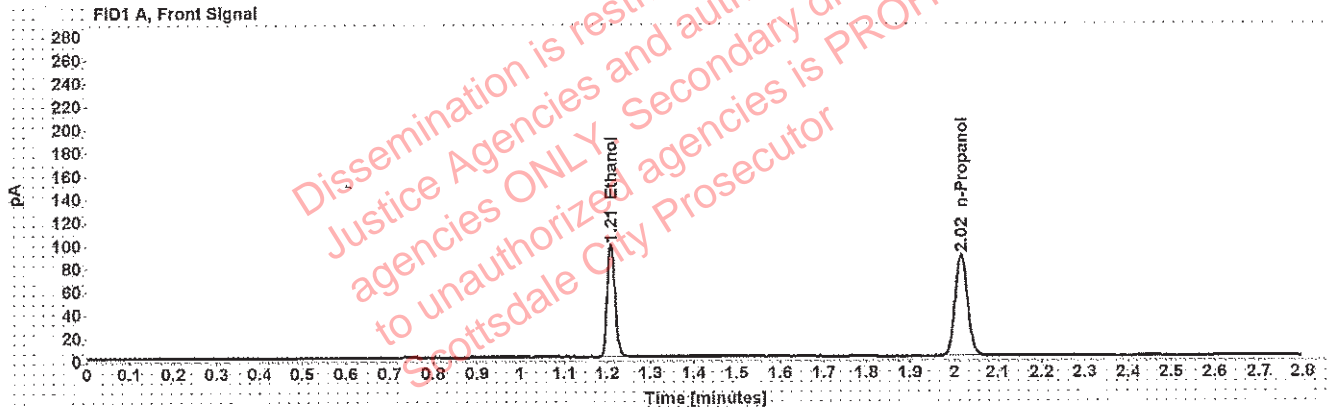


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1991	1.209	124.134
n-Propanol	-----	2.015	175.358

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

Compound	Time (min)	Peak Area
Ethanol	1.377	152.328
n-Propanol	2.473	210.397

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 11/6/2018 4:43:07 PM	Vial: 20
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\20.D	

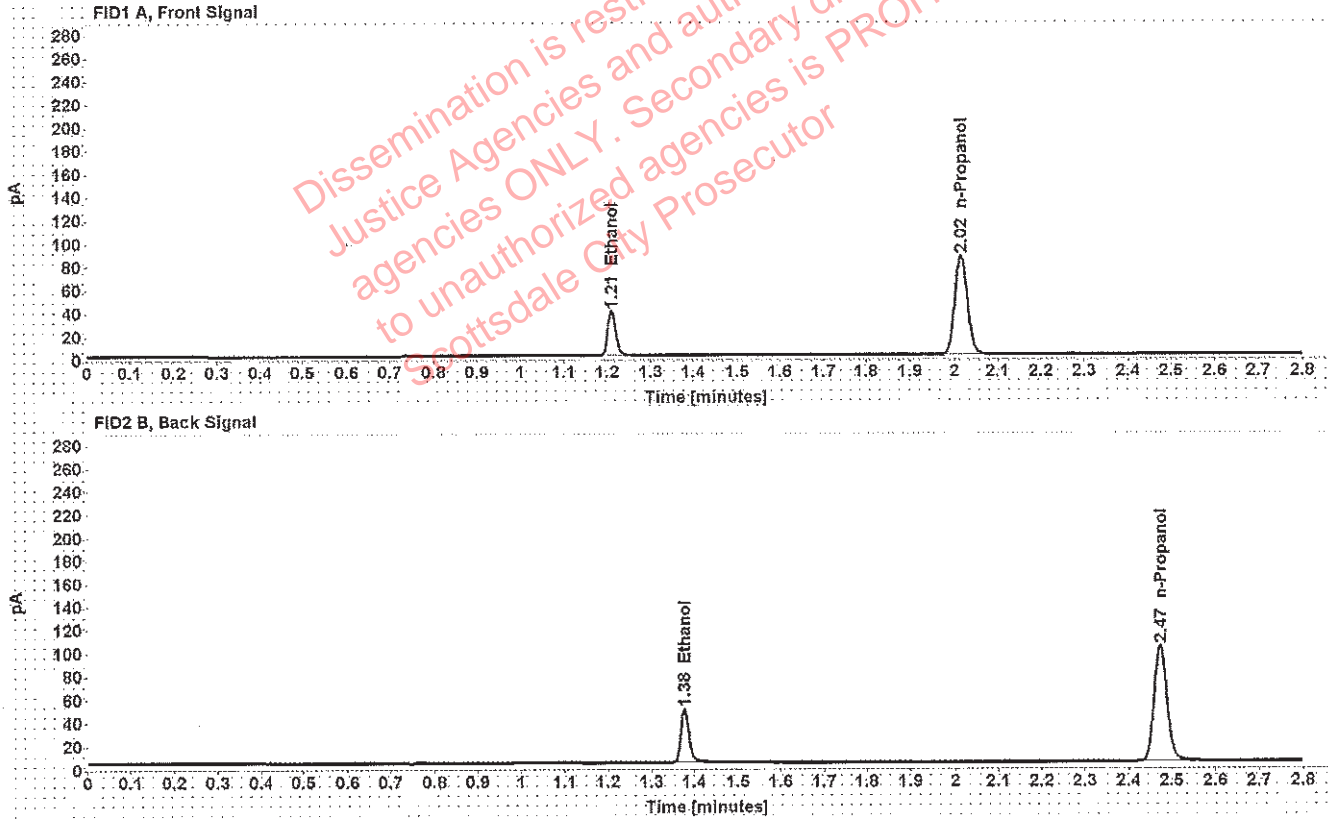


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.210	49.027
n-Propanol	-----	2.015	171.488

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

Compound	Time (min)	Peak Area
Ethanol	1.377	60.185
n-Propanol	2.474	206.218

Scottsdale Police Department Crime Lab Volatiles Analysis

w/a

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 11/6/2018 5:27:37 PM	Vial: 31
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\31.D	

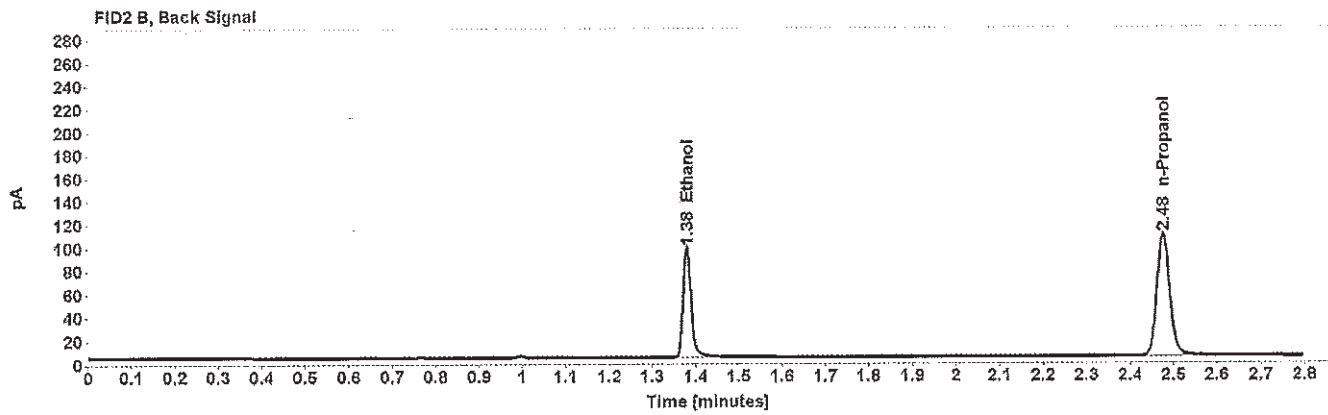
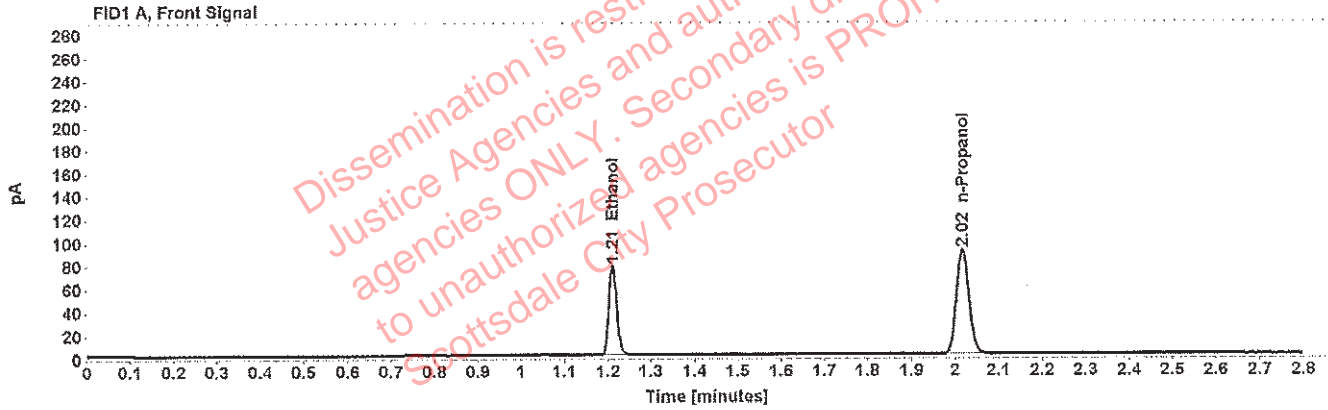


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1550	1.211	99.168
n-Propanol	-----	2.017	180.355

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

Compound	Time (min)	Peak Area
Ethanol	1.380	122.269
n-Propanol	2.476	217.856

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/6/2018 6:11:52 PM	Vial: 42
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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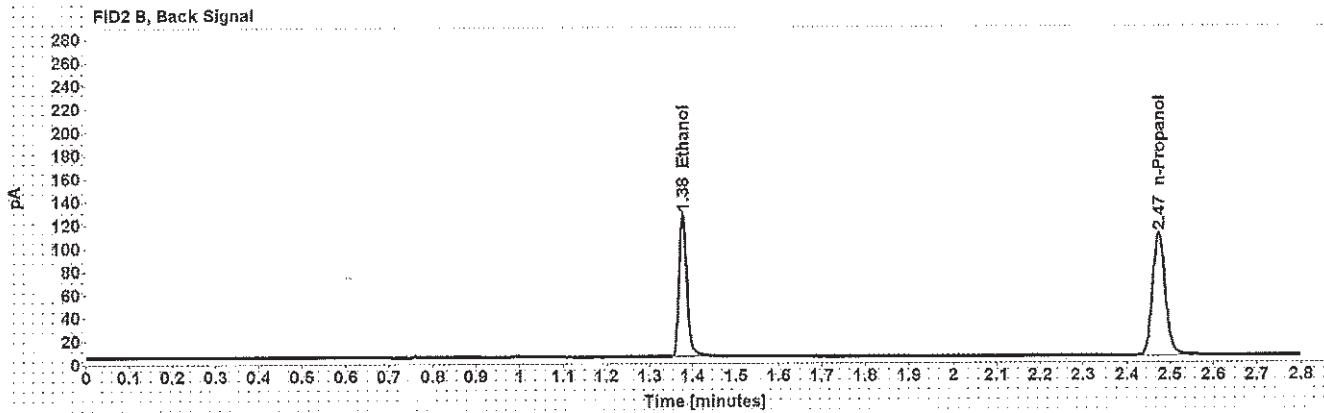
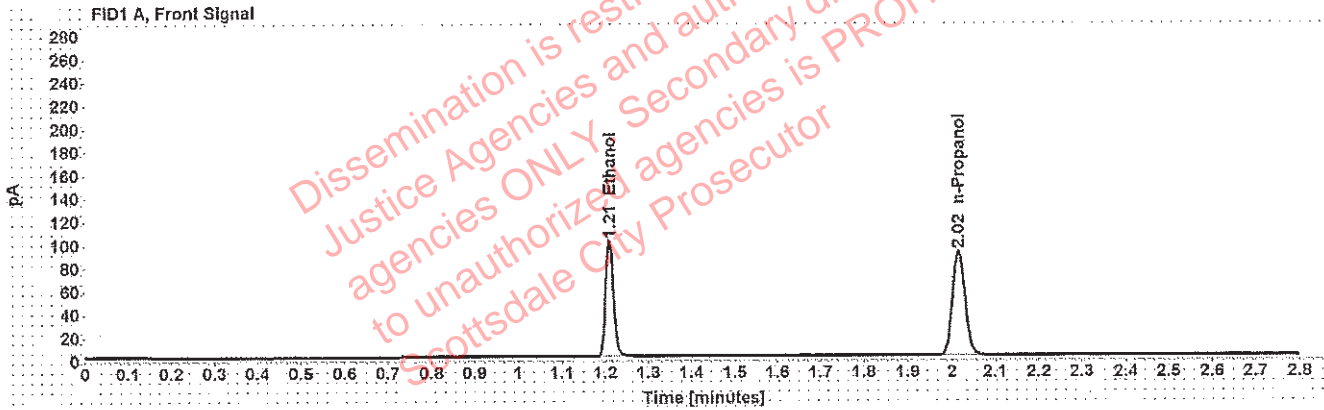


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.209	128.067
n-Propanol	-----	2.015	180.841

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

Compound	Time (min)	Peak Area
Ethanol	1.377	158.474
n-Propanol	2.474	218.966

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 11/6/2018 6:56:22 PM	Vial: 53
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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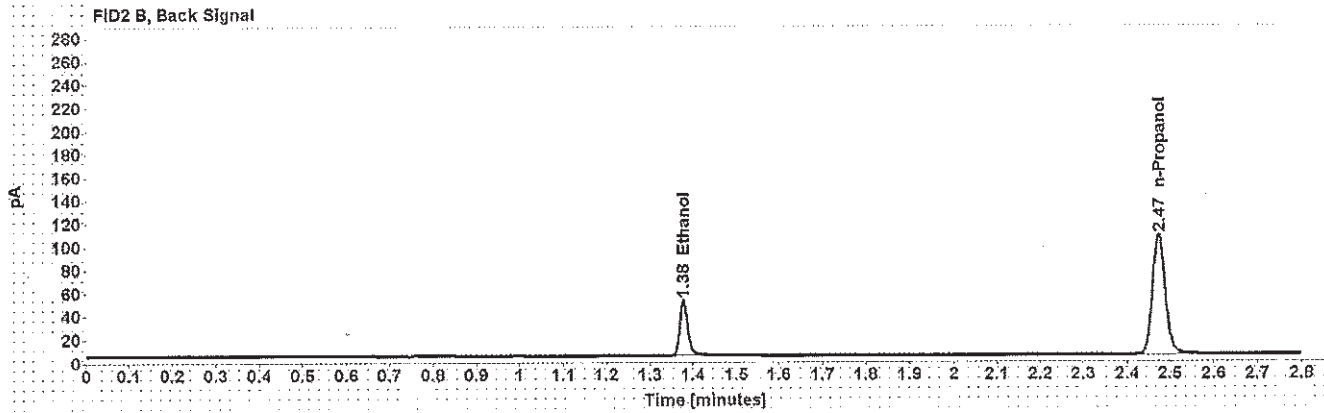
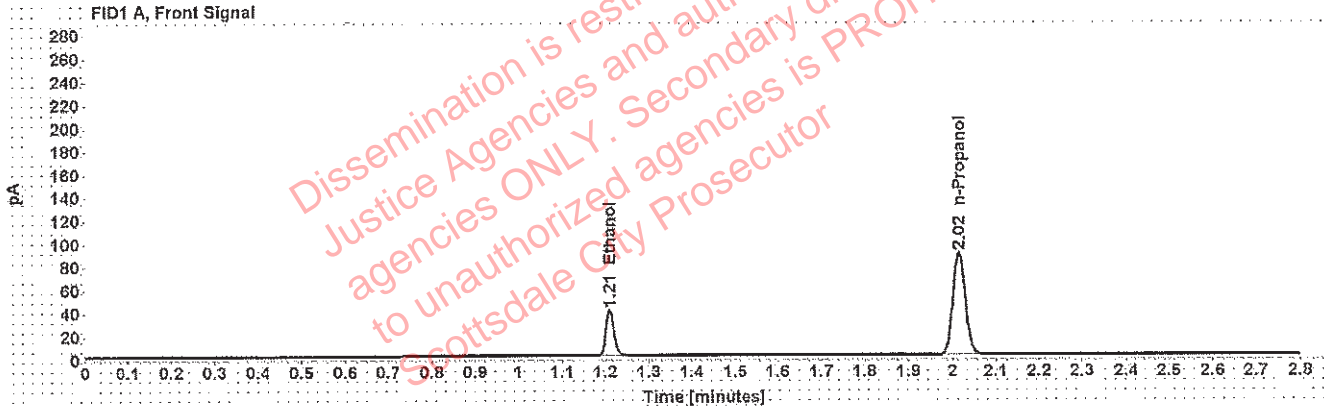


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0812	1.210	50.521
n-Propanol	-----	2.015	176.878

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

Compound	Time (min)	Peak Area
Ethanol	1.378	62.165
n-Propanol	2.473	214.255

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 11/6/2018 7:40:52 PM	Vial: 64
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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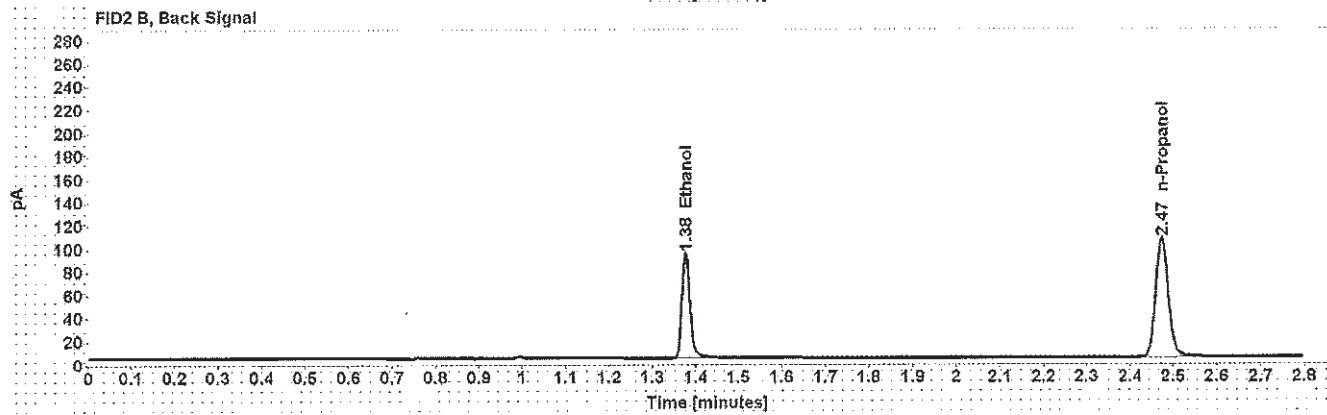
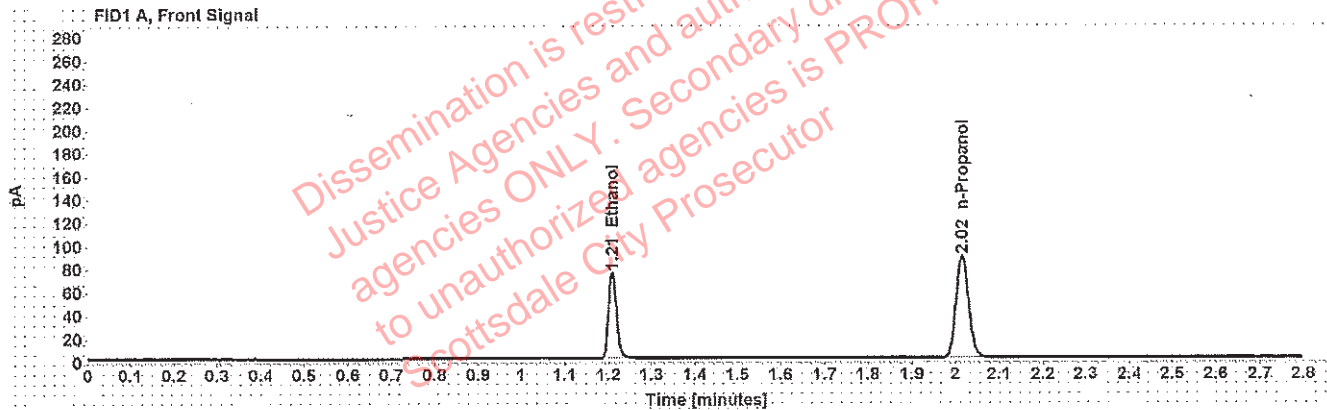


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1520	1.209	94.332
n-Propanol	-----	2.015	174.948

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

Compound	Time (min)	Peak Area
Ethanol	1.377	116.777
n-Propanol	2.474	212.018

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 11/6/2018 8:01:07 PM	Vial: 69
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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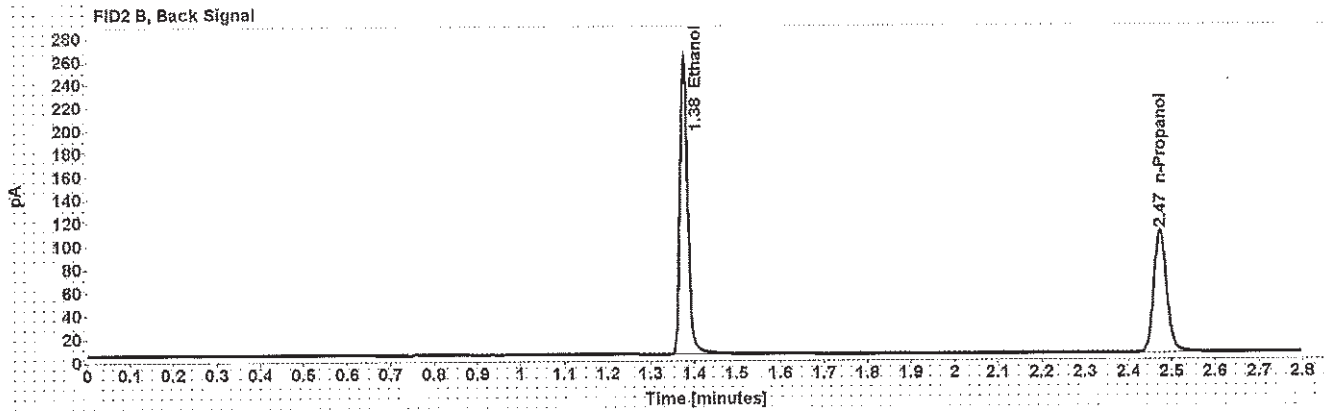
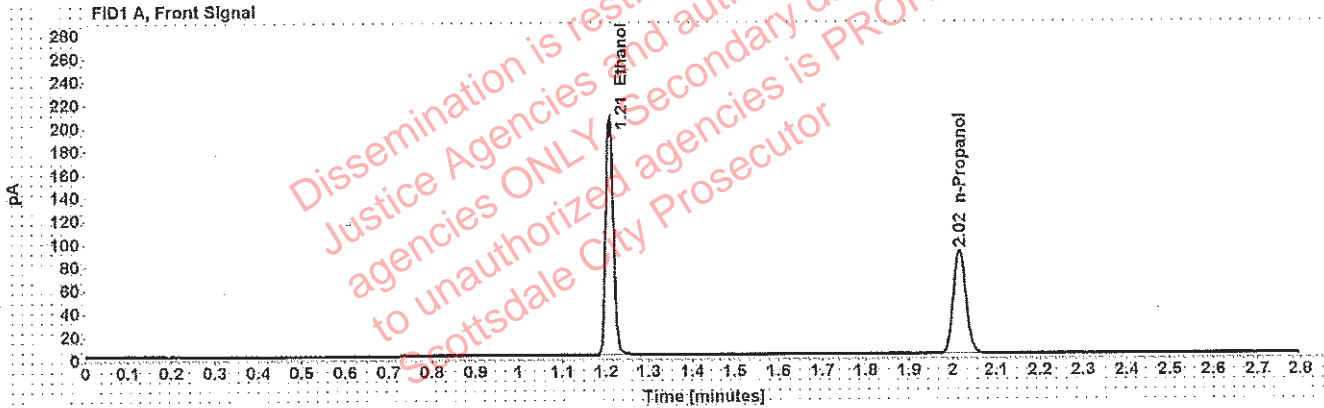


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4065	1.208	259.870
n-Propanol	-----	2.015	179.098

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

Compound	Time (min)	Peak Area
Ethanol	1.377	322.951
n-Propanol	2.473	217.831

Scottsdale Police Department Crime Lab Volatiles Analysis

wA

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 11/6/2018 8:05:07 PM	Vial: 70
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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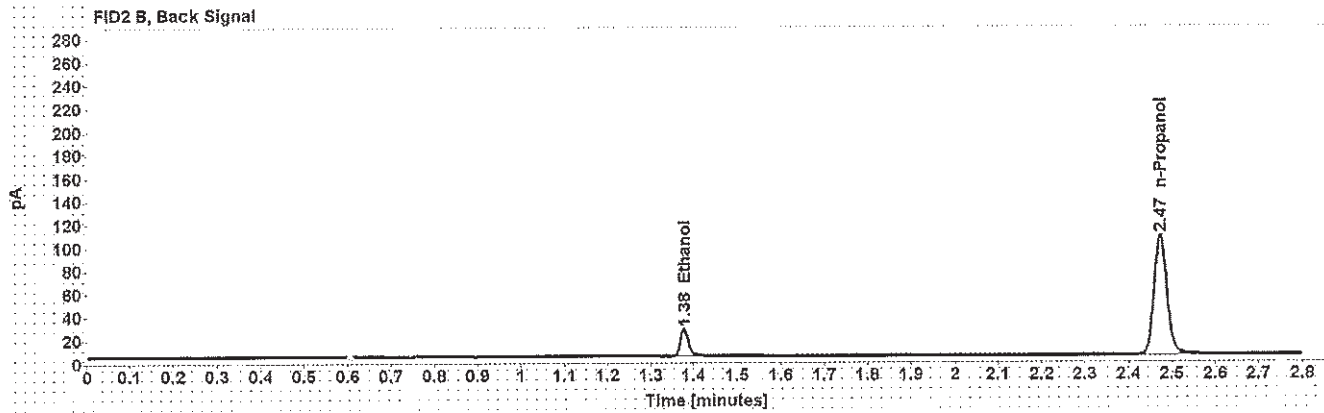
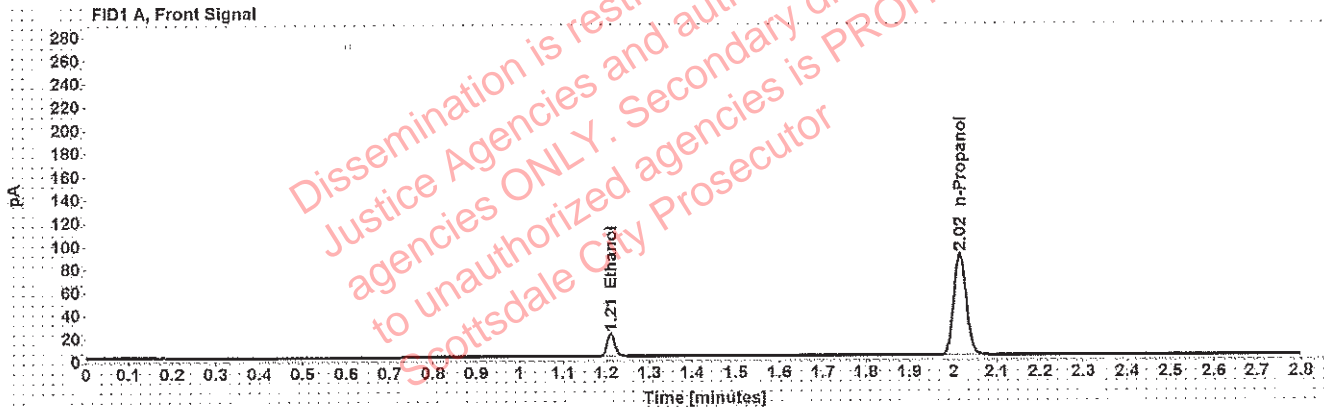


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.211	25.132
n-Propanol	-----	2.015	176.252

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

Compound	Time (min)	Peak Area
Ethanol	1.378	30.847
n-Propanol	2.473	213.853

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 11/6/2018 8:09:07 PM	Vial: 71
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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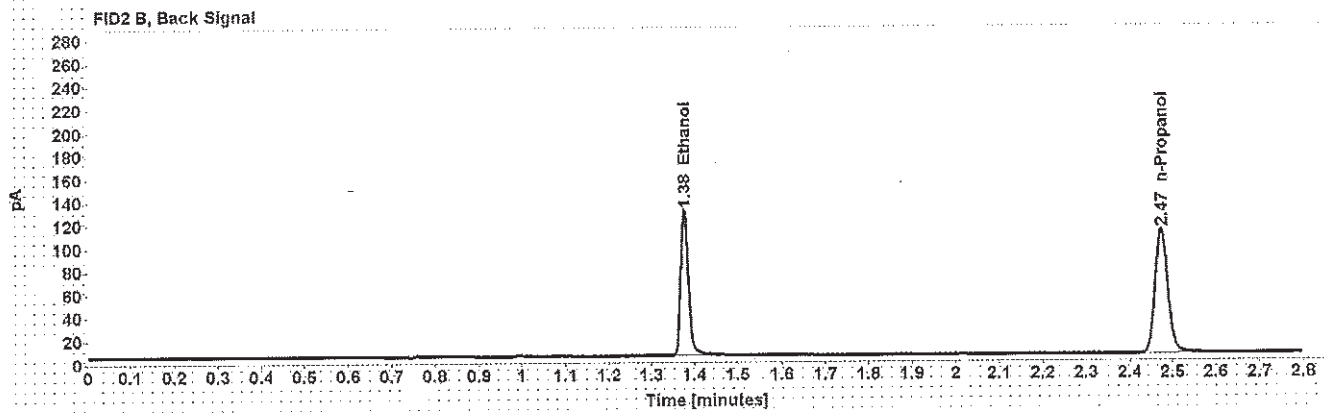
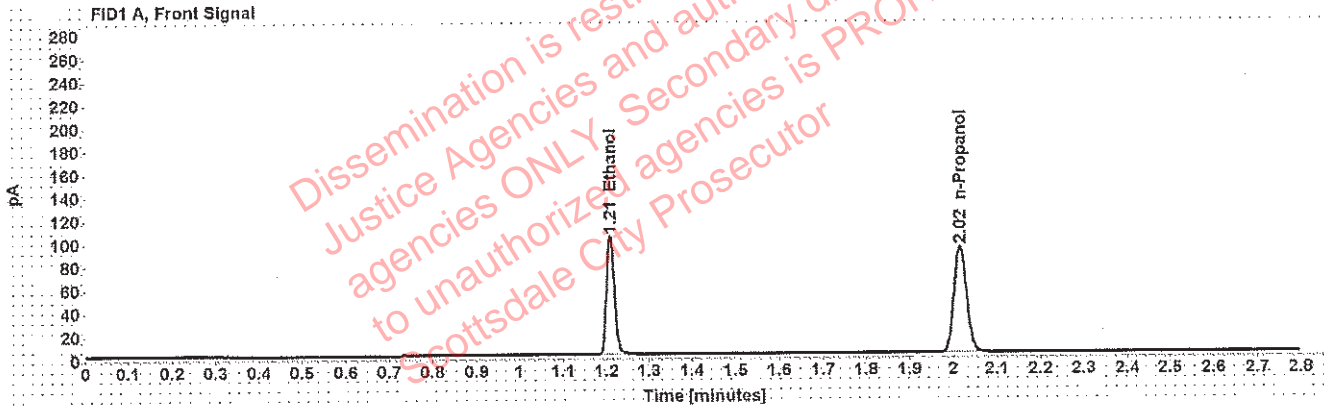


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2007	1.209	130.586
n-Propanol	-----	2.016	182.968

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

Compound	Time (min)	Peak Area
Ethanol	1.377	162.124
n-Propanol	2.474	221.729

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 081418	Item number:
Injection date: 11/6/2018 8:13:07 PM	Vial: 72
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\72.D	

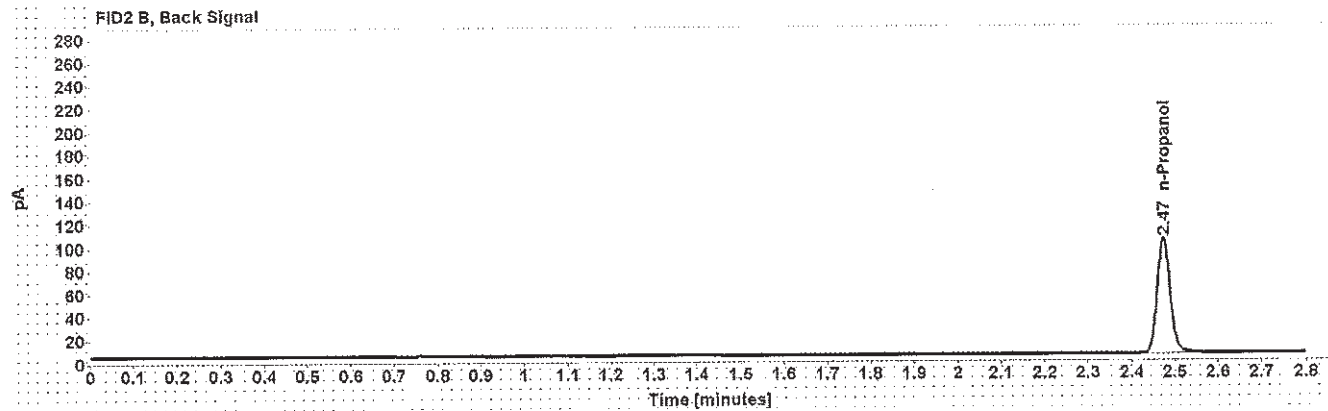
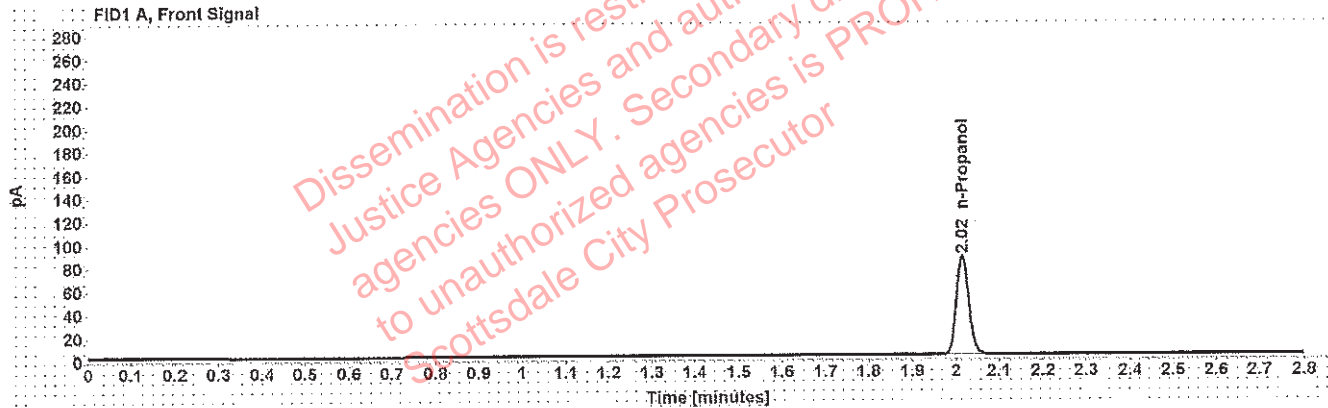


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	170.642

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

Compound	Time (min)	Peak Area
n-Propanol	2.474	206.682

Sequence Summary

WA

Sequence name: 6Nov18 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 081418	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.198 ACQ 407041529/3	Control		ethanol quant.M
10		Sample	1210538	ethanol quant.M
11		Sample	1210538	ethanol quant.M
12		Sample	1240203	ethanol quant.M
13		Sample	1240203	ethanol quant.M
14		Sample	1213895	ethanol quant.M
15		Sample	1213895	ethanol quant.M
16		Sample	1240357	ethanol quant.M
17		Sample	1240357	ethanol quant.M
18		Sample	1240432	ethanol quant.M
19		Sample	1240432	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1222165	ethanol quant.M
22		Sample	1222165	ethanol quant.M
23		Sample	1213997	ethanol quant.M
24		Sample	1213997	ethanol quant.M
25		Sample	1219149	ethanol quant.M
26		Sample	1219149	ethanol quant.M
27		Sample	335-01A	ethanol quant.M
28		Sample	335-01A	ethanol quant.M
29		Sample	335-01A	ethanol quant.M
30		Sample	335-01A	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	327-01A	ethanol quant.M
33		Sample	327-01A	ethanol quant.M
34		Sample	1241300	ethanol quant.M
35		Sample	1241300	ethanol quant.M
36		Sample	1240087	ethanol quant.M
37		Sample	1240087	ethanol quant.M
38		Sample	1238816	ethanol quant.M
39		Sample	1238816	ethanol quant.M
40		Sample	1240195	ethanol quant.M
41		Sample	1240195	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1240022	ethanol quant.M
44		Sample	1240022	ethanol quant.M
45		Sample	1241441	ethanol quant.M
46		Sample	1241441	ethanol quant.M
47		Sample	1240997	ethanol quant.M

Sequence Summary

6 Nov 18

WA

48		Sample	1240997	ethanol quant.M
49		Sample	1241919	ethanol quant.M
50		Sample	1241919	ethanol quant.M
51		Sample	1242097	ethanol quant.M
52		Sample	1242097	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	1241746	ethanol quant.M
55		Sample	1241746	ethanol quant.M
56		Sample	1242183	ethanol quant.M
57		Sample	1242183	ethanol quant.M
58		Sample	1220394	ethanol quant.M
59		Sample	1220394	ethanol quant.M
60		Sample	1239100	ethanol quant.M
61		Sample	1239100	ethanol quant.M
62		Sample	1239093	ethanol quant.M
63		Sample	1239093	ethanol quant.M
64	0.150 Lipomed 09022015-C	Control		ethanol quant.M
65		Sample	1217357	ethanol quant.M
66		Sample	1217357	ethanol quant.M
67		Sample	351-01A	ethanol quant.M
68		Sample	351-01A	ethanol quant.M
69	0.40 Lipomed 08012015-C	Control		ethanol quant.M
70	0.04 Lipomed 09022015-A	Control		ethanol quant.M
71	0.198 ACQ 407041529/3	Control		ethanol quant.M
72	blank 081418	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 6Nov18

ANALYST: Adrian

WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1724	0.1704	0.17140	0.58	0.00100
12 13	0.1794	0.1814	0.18040	0.55	0.00100
14 15	0.1974	0.1976	0.19750	0.05	0.00010
16 17	0.2078	0.2034	0.20560	1.07	0.00220
18 19	0.3001	0.2982	0.29915	0.32	0.00095
21 22	0.1281	0.1276	0.12785	0.20	0.00025
23 24	0.1110	0.1107	0.11085	0.14	0.00015
25 26	0.1875	0.1880	0.18775	0.13	0.00025
27 28	0.1898	0.1876	0.18870	0.58	0.00110
29 30	0.2162	0.2171	0.21665	0.21	0.00045
32 33	0.2145	0.2121	0.21330	0.56	0.00120
34 35	0.1105	0.1105	0.11050	0.00	0.00000
36 37	0.0753	0.0757	0.07550	0.26	0.00020
38 39	0.2627	0.2609	0.26180	0.34	0.00090
40 41	0.2133	0.2119	0.21260	0.33	0.00070
43 44	0.1826	0.1853	0.18395	0.73	0.00135
45 46	0.1818	0.1832	0.18250	0.38	0.00070
47 48	0.1055	0.1054	0.10545	0.05	0.00005
49 50	0.0000	0.0000	0.00000	0.00	0.00000
51 52	0.1089	0.1079	0.10840	0.46	0.00050
54 55	0.2480	0.2480	0.24800	0.00	0.00000
56 57	0.0450	0.0450	0.04500	0.00	0.00000
58 59	0.0927	0.0930	0.09285	0.16	0.00015
60 61	0.2028	0.2009	0.20185	0.47	0.00095
62 63	0.1516	0.1521	0.15185	0.16	0.00025
65 66	0.1825	0.1825	0.18250	0.00	0.00000
67 68	0.1864	0.1830	0.18470	0.92	0.00170

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1210538
Injection date: 11/6/2018 4:02:37 PM	Vial: 10
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\10.D	

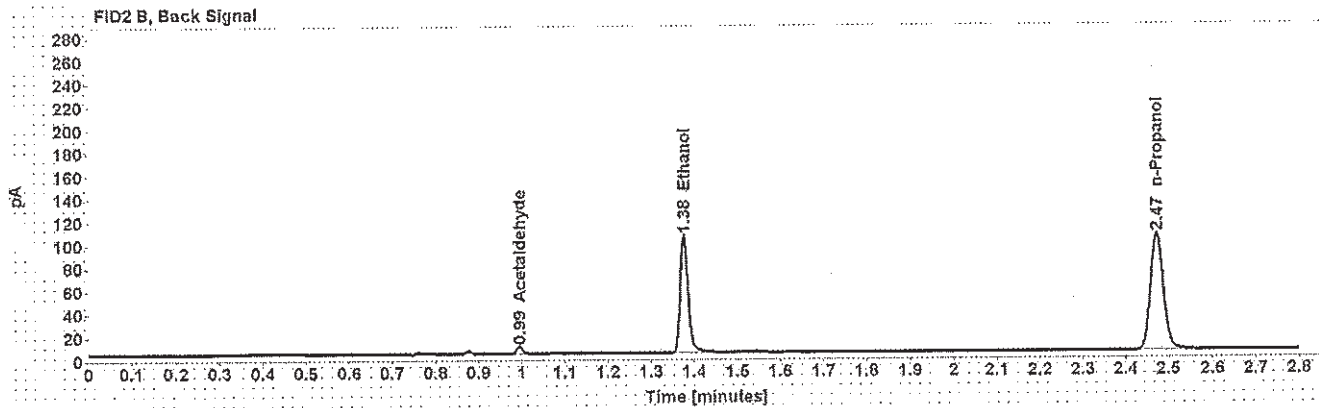
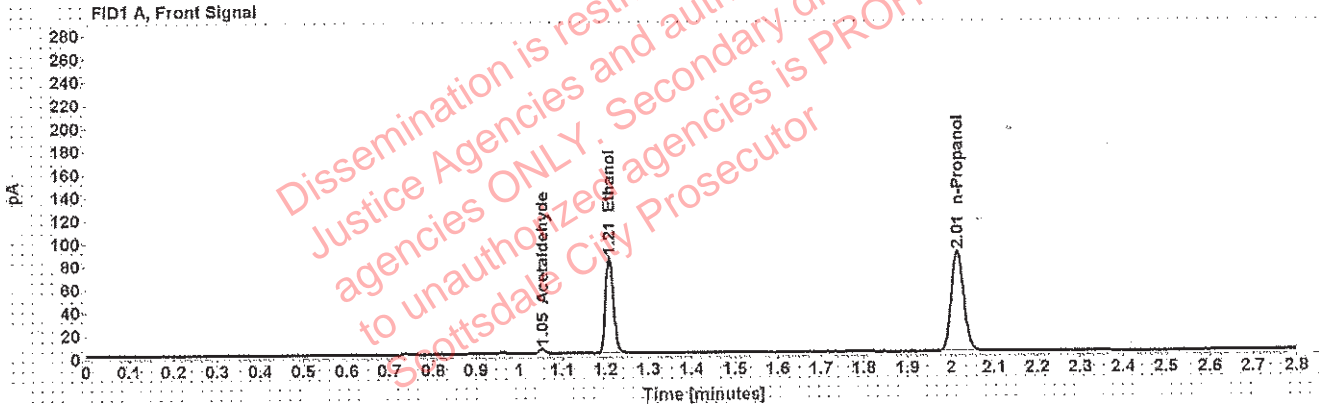


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.379
>Ethanol	0.1724	1.209	106.419
n-Propanol	-----	2.015	173.834

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.700
Ethanol	1.377	130.424
n-Propanol	2.473	208.534

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1210538
Injection date:	11/6/2018 4:06:36 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	6Nov18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov18\11.D		

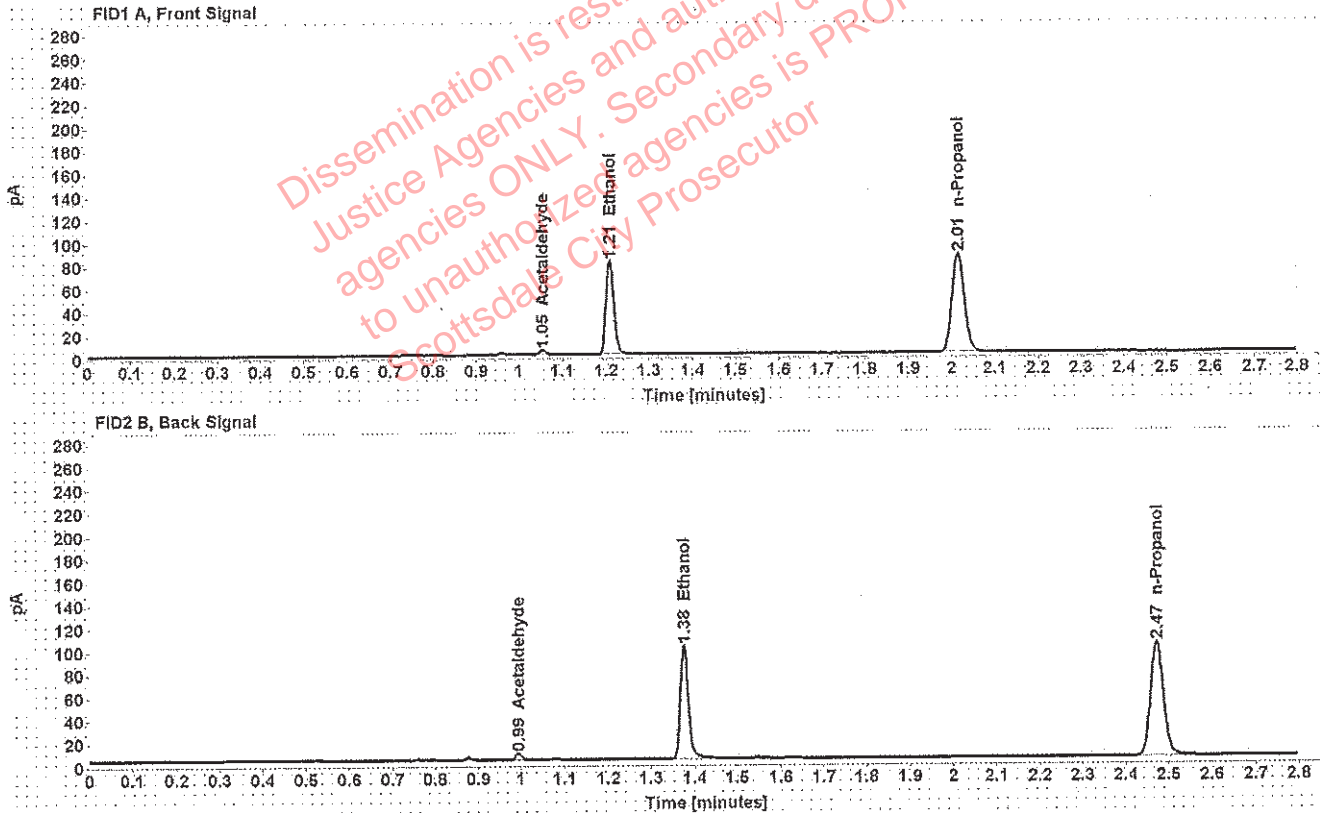


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.147
>Ethanol	0.1704	1.209	103.704
n-Propanol	-----	2.015	171.406

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.382
Ethanol	1.376	127.133
n-Propanol	2.472	205.452

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240203
Injection date: 11/6/2018 4:10:37 PM	Vial: 12
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\12.D	

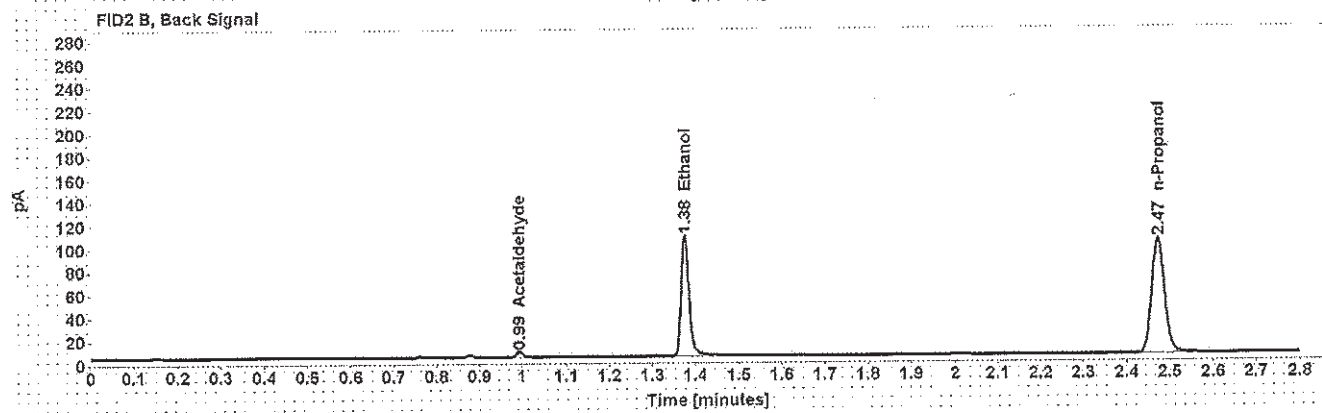
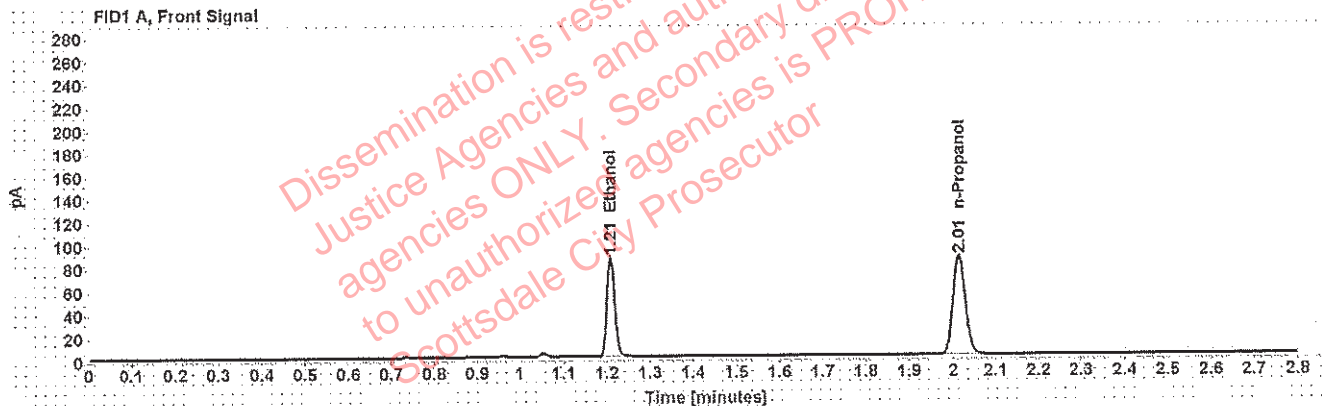


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1794	1.209	109.644
n-Propanol	-----	2.015	171.980

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.426
Ethanol	1.376	134.289
n-Propanol	2.472	206.351

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240203
Injection date: 11/6/2018 4:14:52 PM	Vial: 13
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov18\13.D	

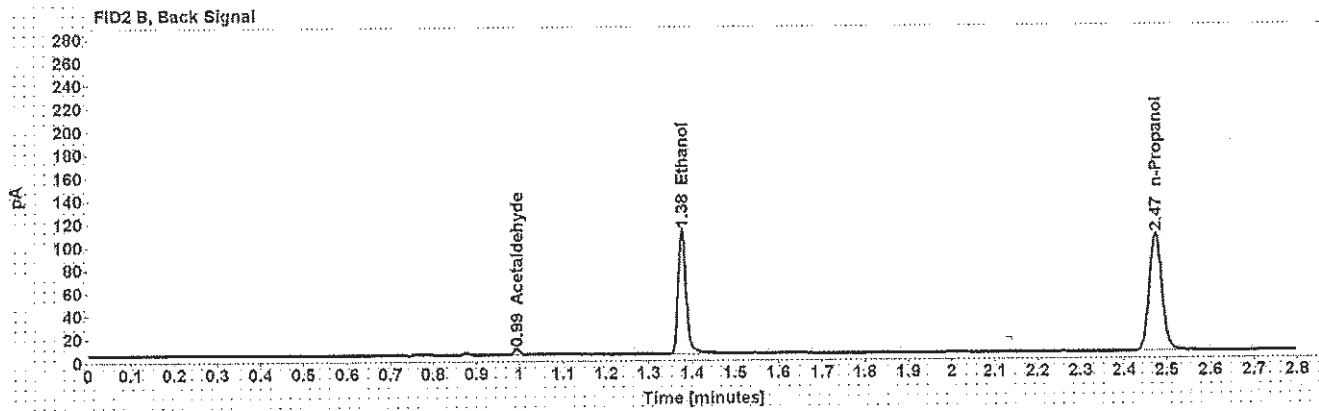
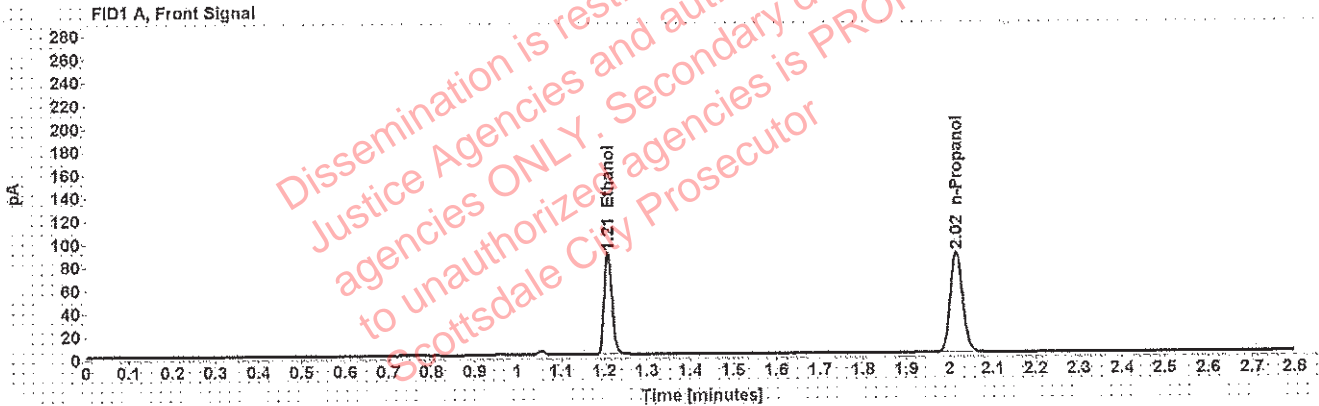


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1814	1.209	112.756
n-Propanol	-----	2.015	174.961

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.569
Ethanol	1.376	138.099
n-Propanol	2.473	210.207

Case:

User: wadrian 11/7/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1213895
Injection date:	11/6/2018 4:18:51 PM	Vial:	14
Method:	ethanol quant.M	Sequence:	6Nov18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov18\14.D		

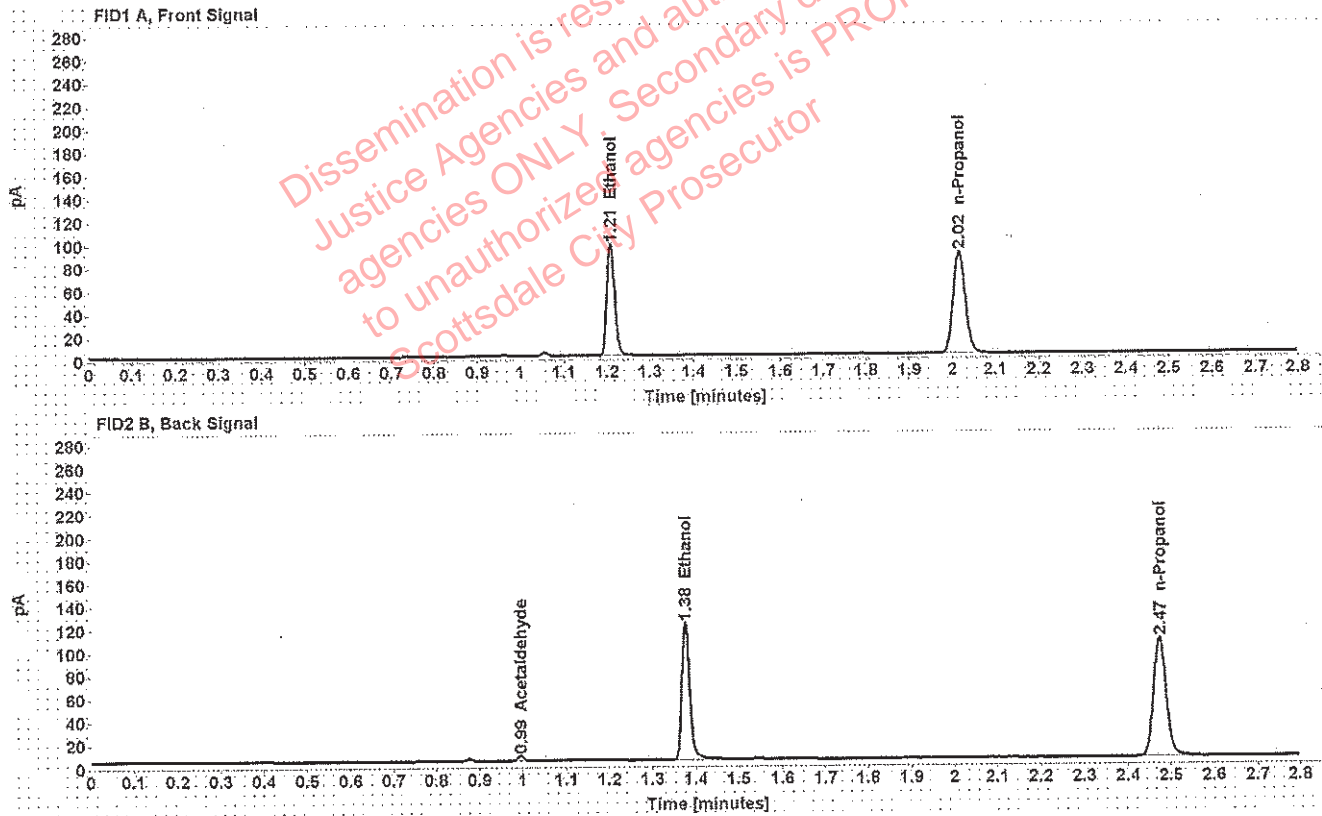


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1974	1.209	124.051
n-Propanol	-----	2.015	176.764

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.960
Ethanol	1.377	151.817
n-Propanol	2.473	212.657

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1213895
Injection date: 11/5/2018 4:22:52 PM	Vial: 15
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Nov18\15.D	

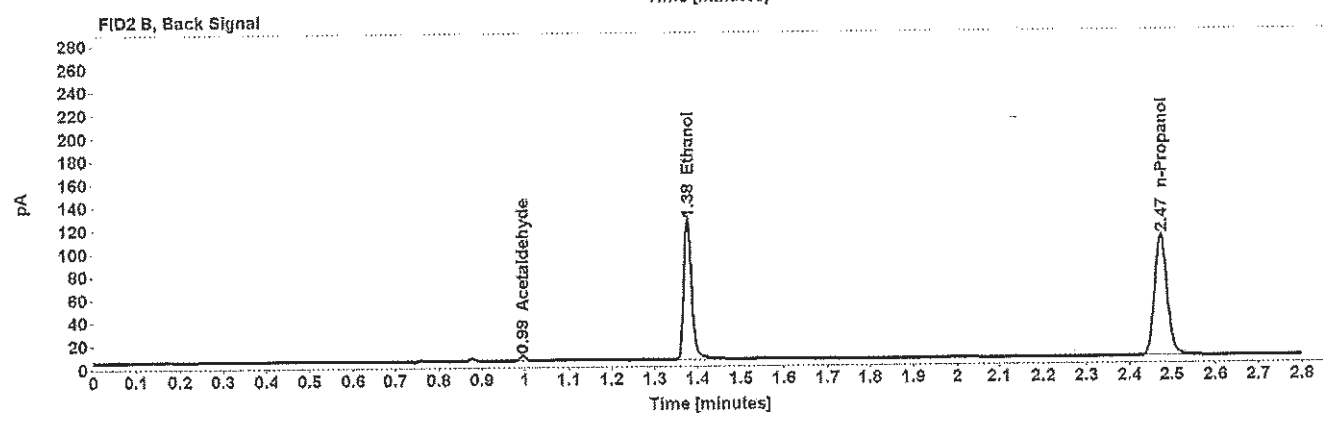
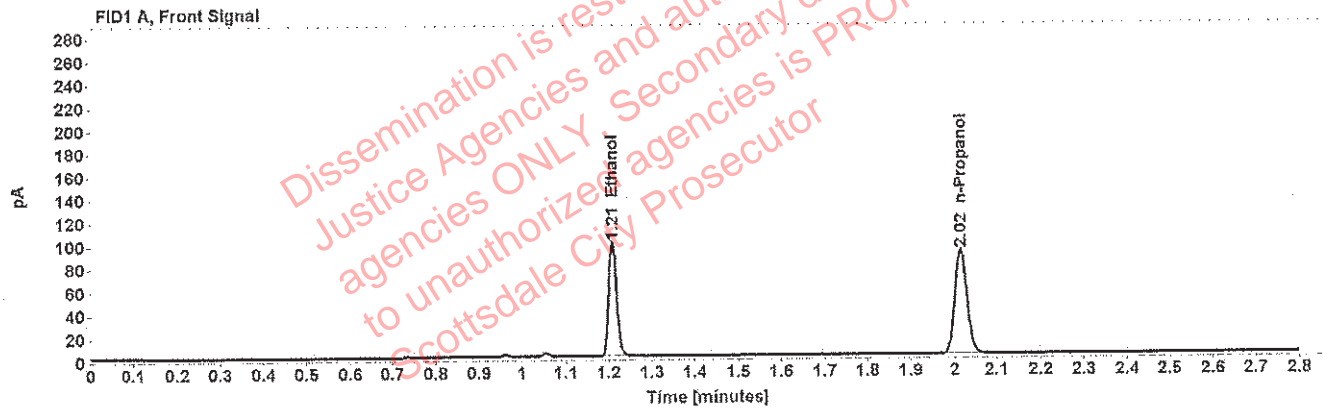


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1976	1.209	126.617
n-Propanol	-----	2.015	180.184

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.985
Ethanol	1.377	155.338
n-Propanol	2.473	216.884

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240357
Injection date: 11/6/2018 4:26:52 PM	Vial: 16
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\16.D	

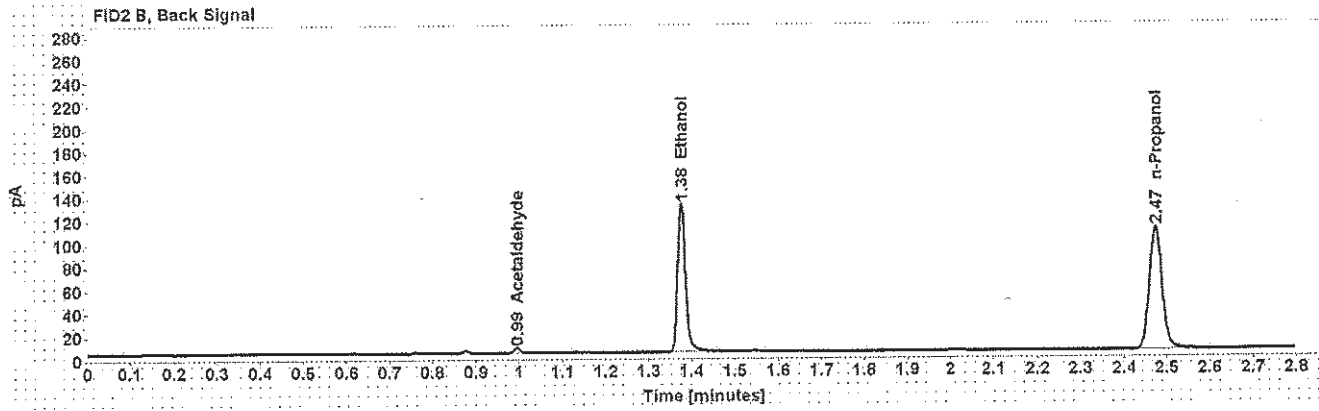
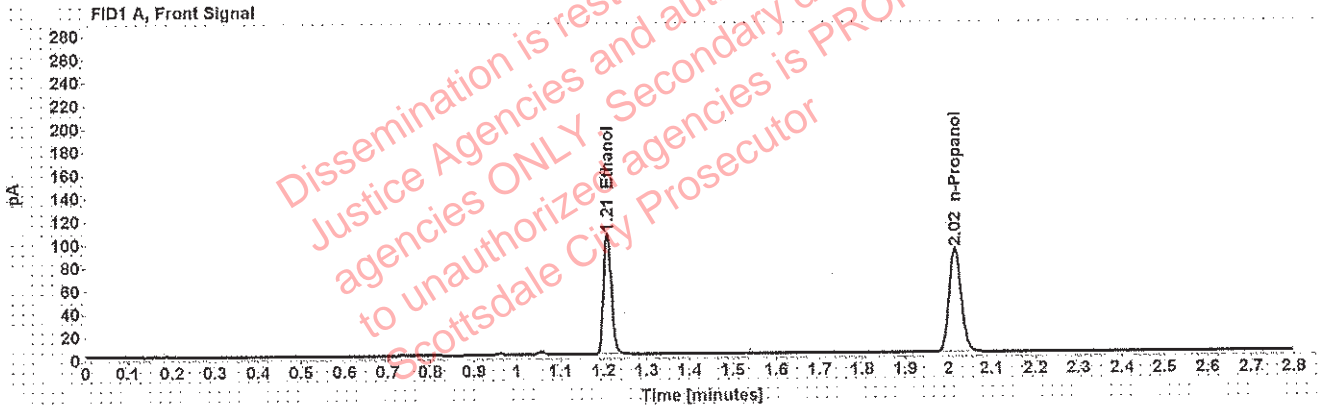


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2078	1.209	133.708
n-Propanol	-----	2.015	180.917

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.950
Ethanol	1.377	163.901
n-Propanol	2.474	217.248

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240357
Injection date: 11/6/2018 4:30:52 PM	Vial: 17
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\17.D	

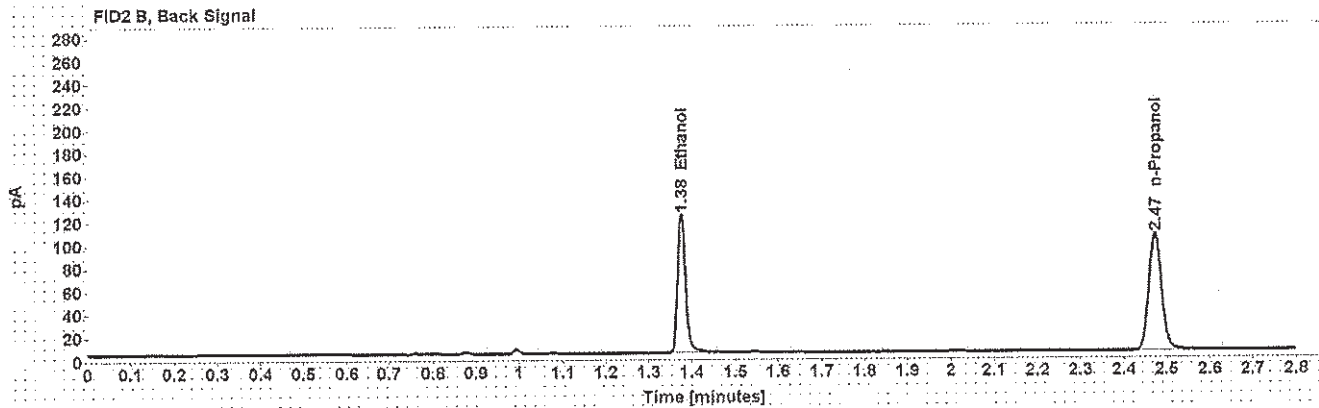
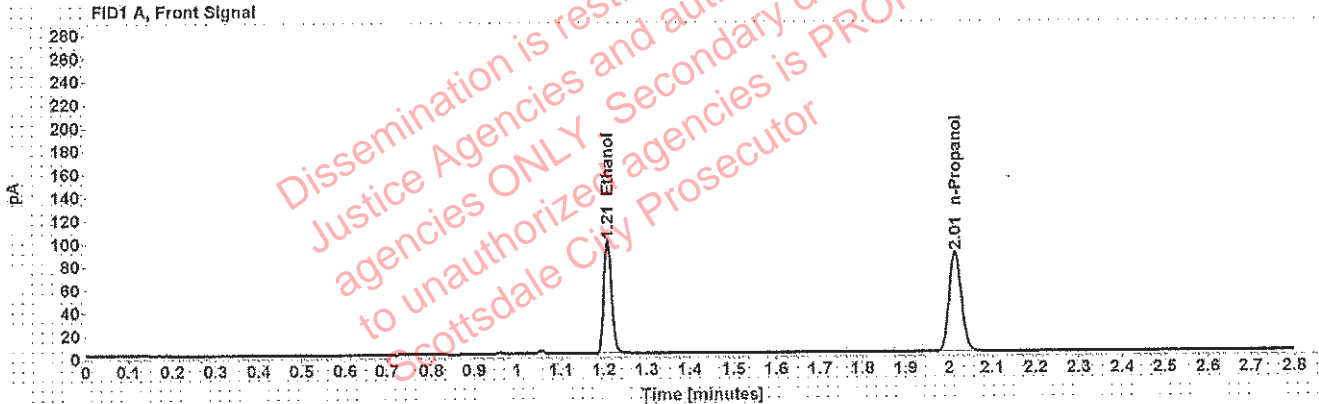


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2034	1.208	125.702
n-Propanol	-----	2.015	173.795

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

Compound	Time (min)	Peak Area
Ethanol	1.376	154.134
n-Propanol	2.472	209.194

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240432
Injection date: 11/6/2018 4:34:52 PM	Vial: 18
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\18.D	

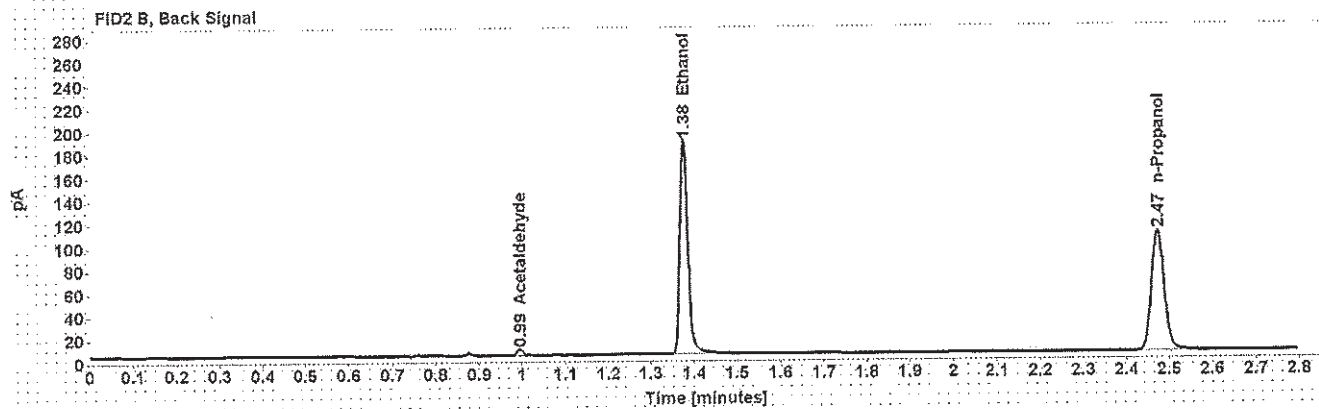
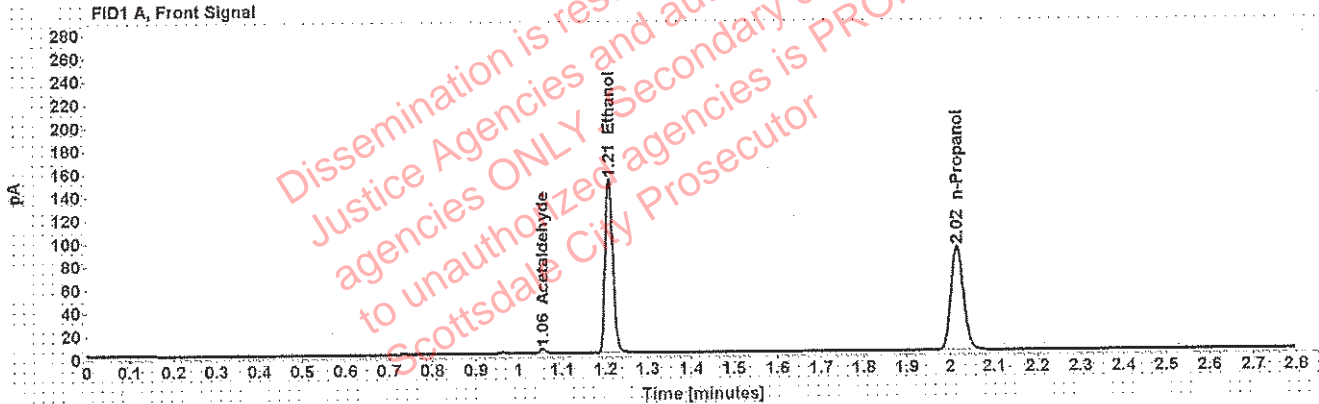


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.953
>Ethanol	0.3001	1.209	191.799
n-Propanol	-----	2.015	179.301

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.161
Ethanol	1.377	235.713
n-Propanol	2.474	215.713

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240432
Injection date: 11/6/2018 4:39:07 PM	Vial: 19
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\6Nov18\19.D	

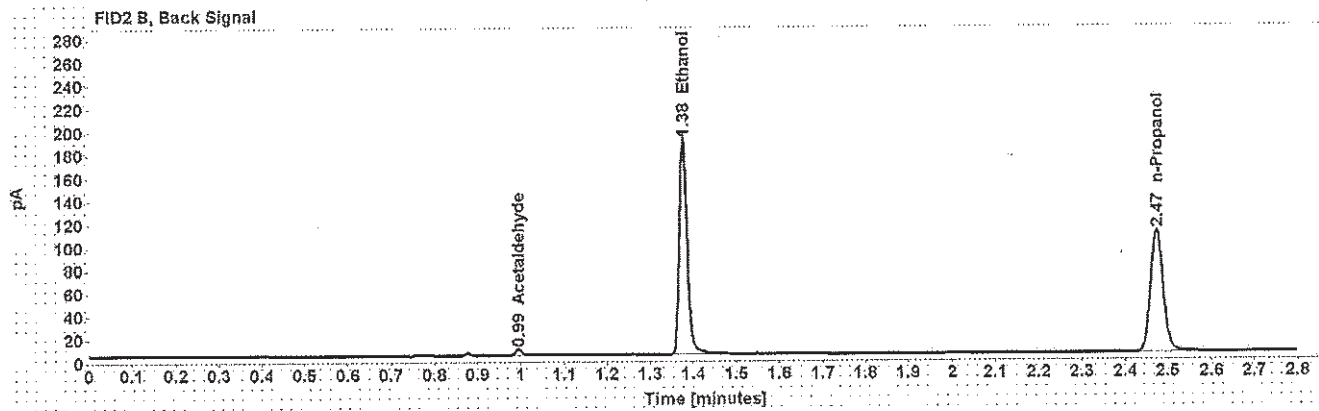
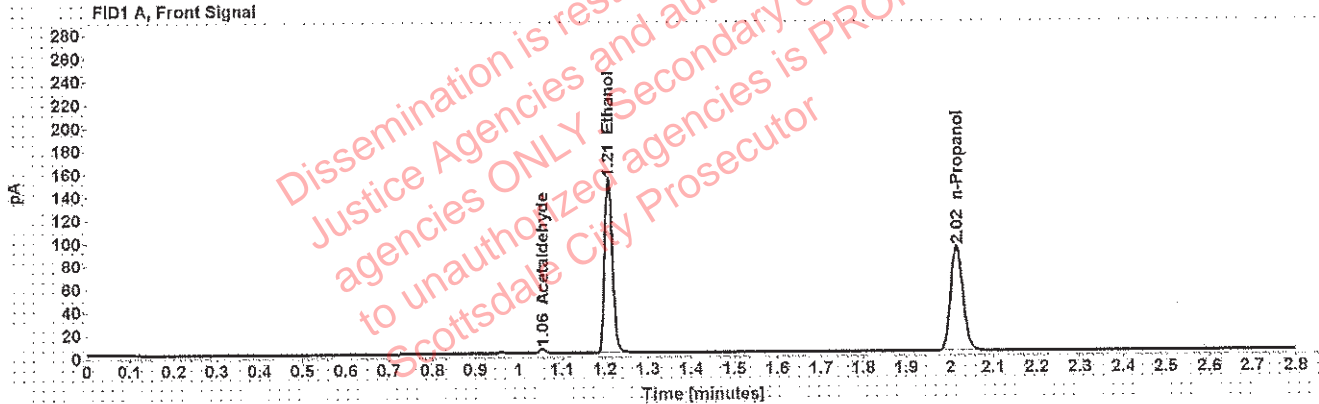


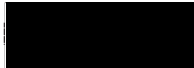
Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.939
>Ethanol	0.2982	1.209	193.642
n-Propanol	-----	2.016	182.130

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.162
Ethanol	1.377	238.341
n-Propanol	2.474	219.084

Case:



User: wadrian 11/7/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1222165
Injection date:	11/6/2018 4:47:07 PM	Vial:	21
Method:	ethanol quant.M	Sequence:	6Nov18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov18\21.D		

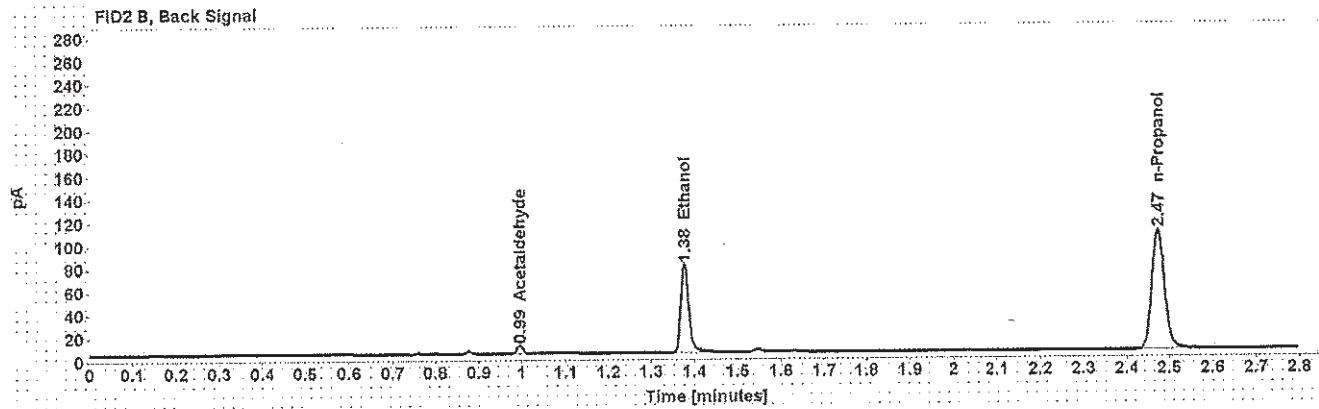
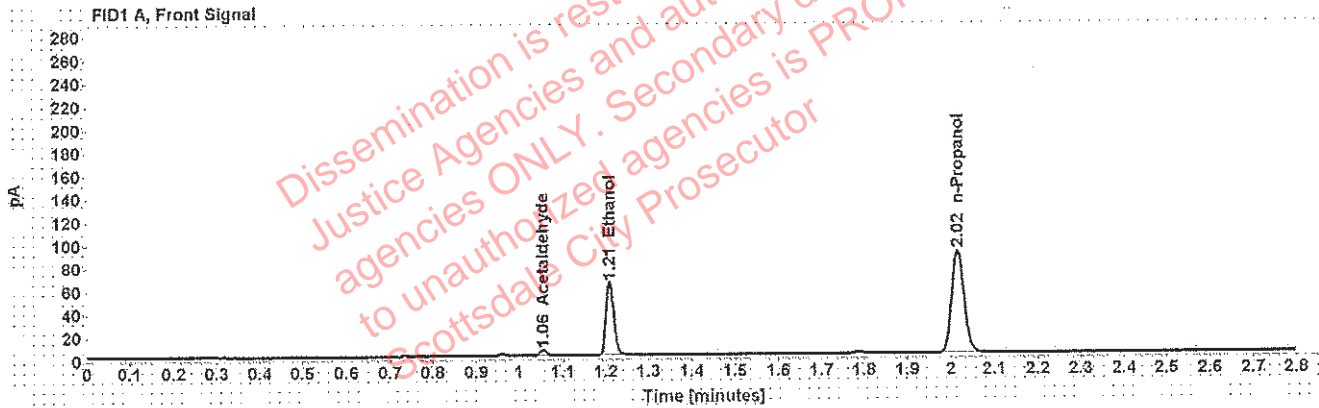


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.999
>Ethanol	0.1281	1.210	80.969
n-Propanol	-----	2.016	178.433

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.521
Ethanol	1.377	98.800
n-Propanol	2.474	214.847

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1222165
Injection date: 11/8/2018 4:51:07 PM	Vial: 22
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\22.D	

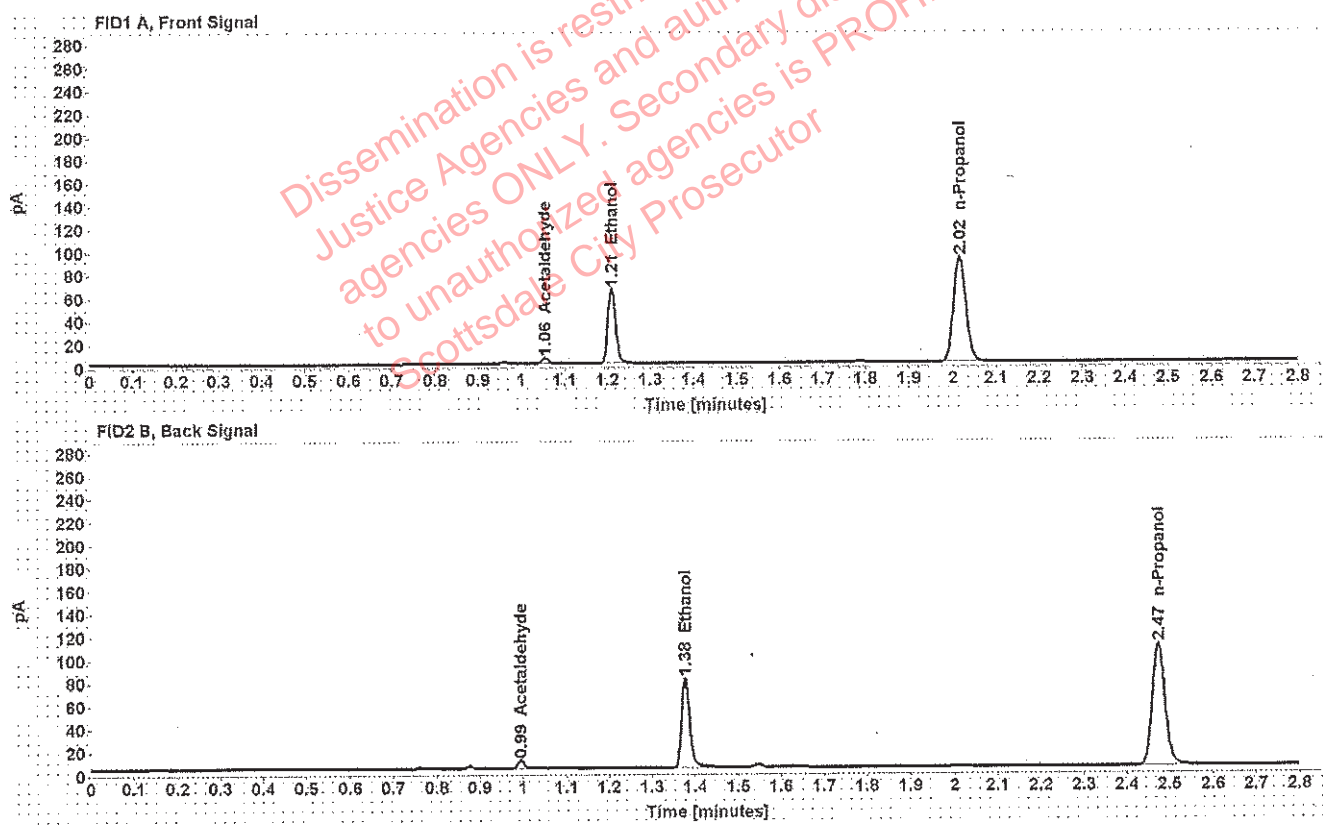


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.067
>Ethanol	0.1276	1.210	82.265
n-Propanol	-----	2.015	182.044

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.596
Ethanol	1.377	100.635
n-Propanol	2.474	219.690

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1213997
Injection date: 11/6/2018 4:55:07 PM	Vial: 23
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\23.D	

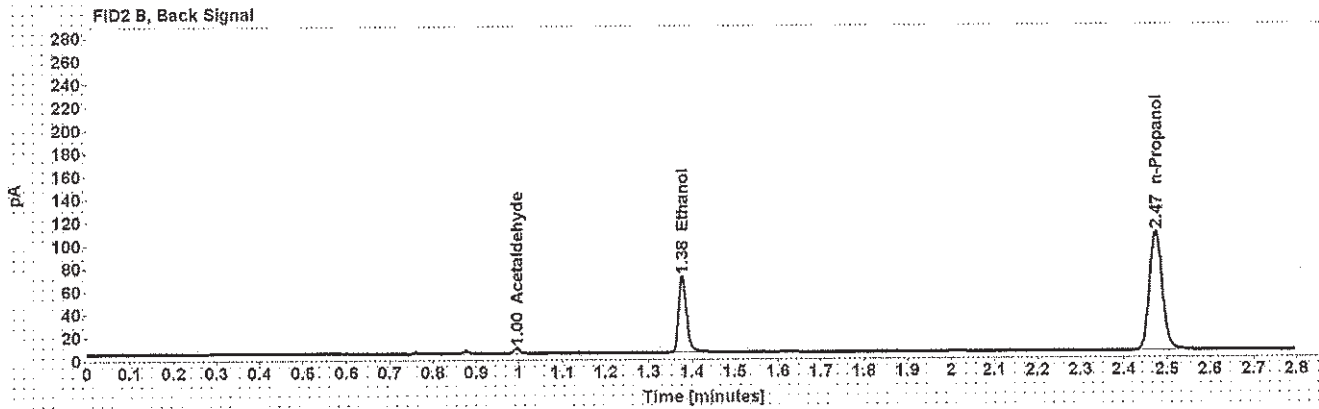
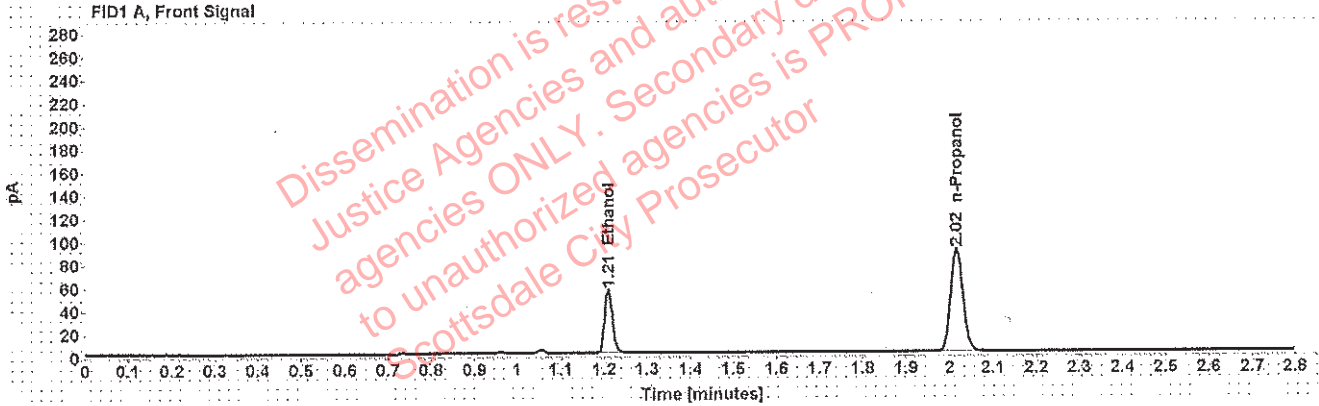


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1110	1.210	69.708
n-Propanol	-----	2.016	177.605

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.042
Ethanol	1.378	84.859
n-Propanol	2.474	214.093

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1213997
Injection date: 11/6/2018 4:59:07 PM	Vial: 24
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\24.D	

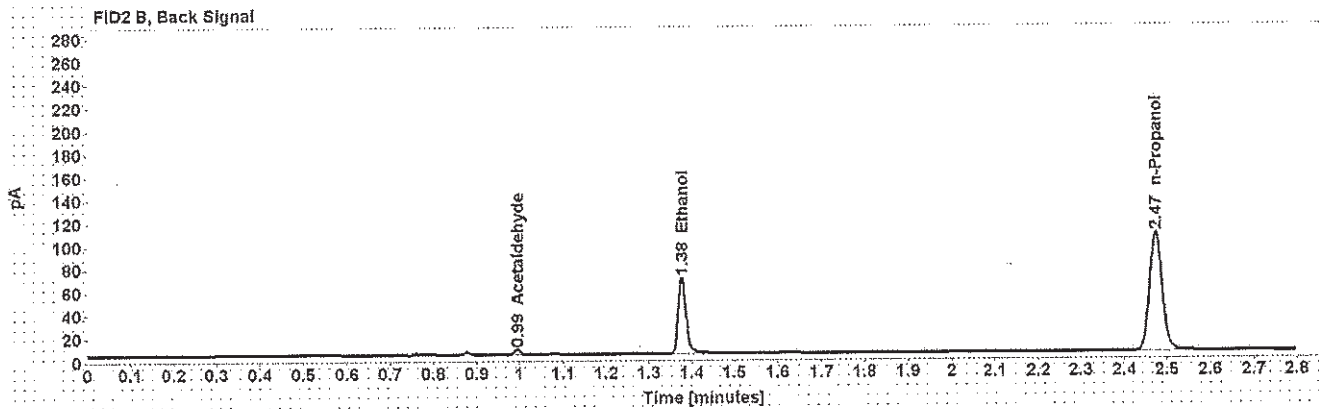
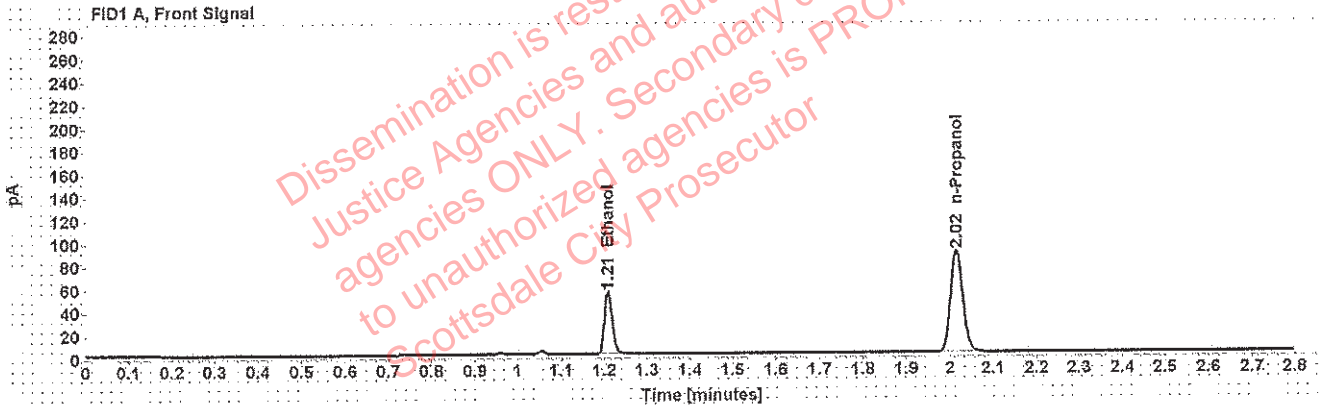


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1107	1.210	69.164
n-Propanol	-----	2.015	176.796

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.084
Ethanol	1.377	84.290
n-Propanol	2.473	213.153

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1219149
Injection date: 11/6/2018 5:03:22 PM	Vial: 25
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\25.D	

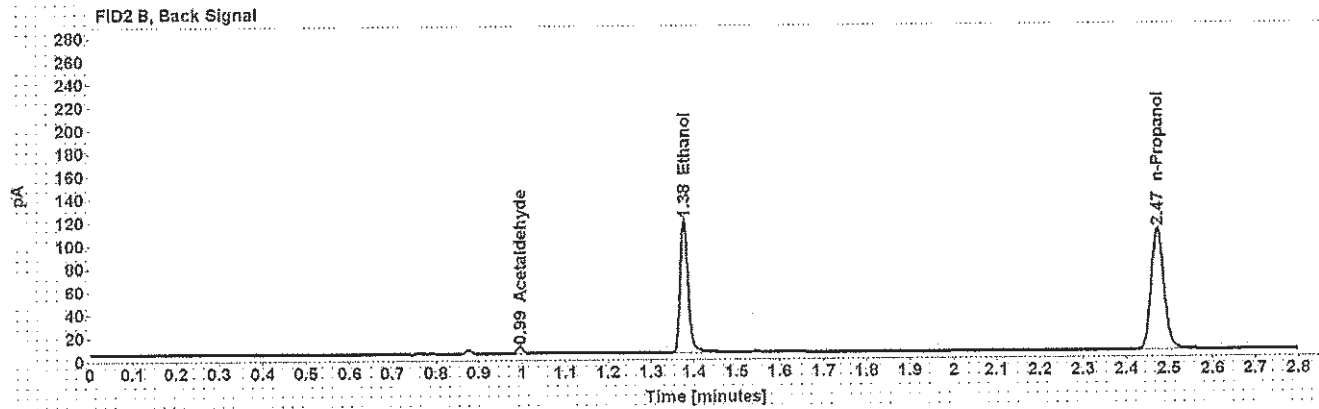
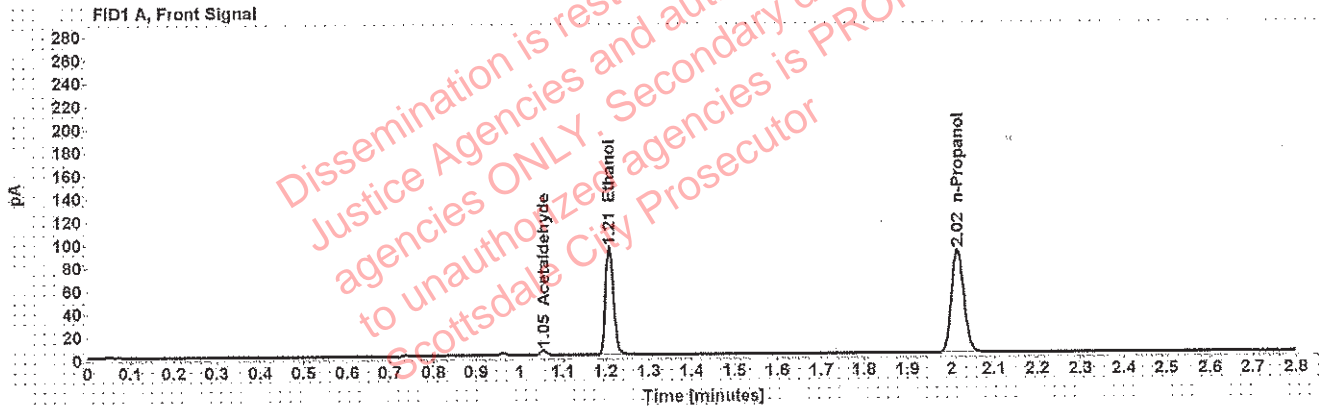


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.152
>Ethanol	0.1875	1.209	119.704
n-Propanol	-----	2.015	179.633

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.457
Ethanol	1.377	147.091
n-Propanol	2.473	215.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1219149
Injection date: 11/6/2018 5:07:22 PM	Vial: 26
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\6Nov18\26.D	

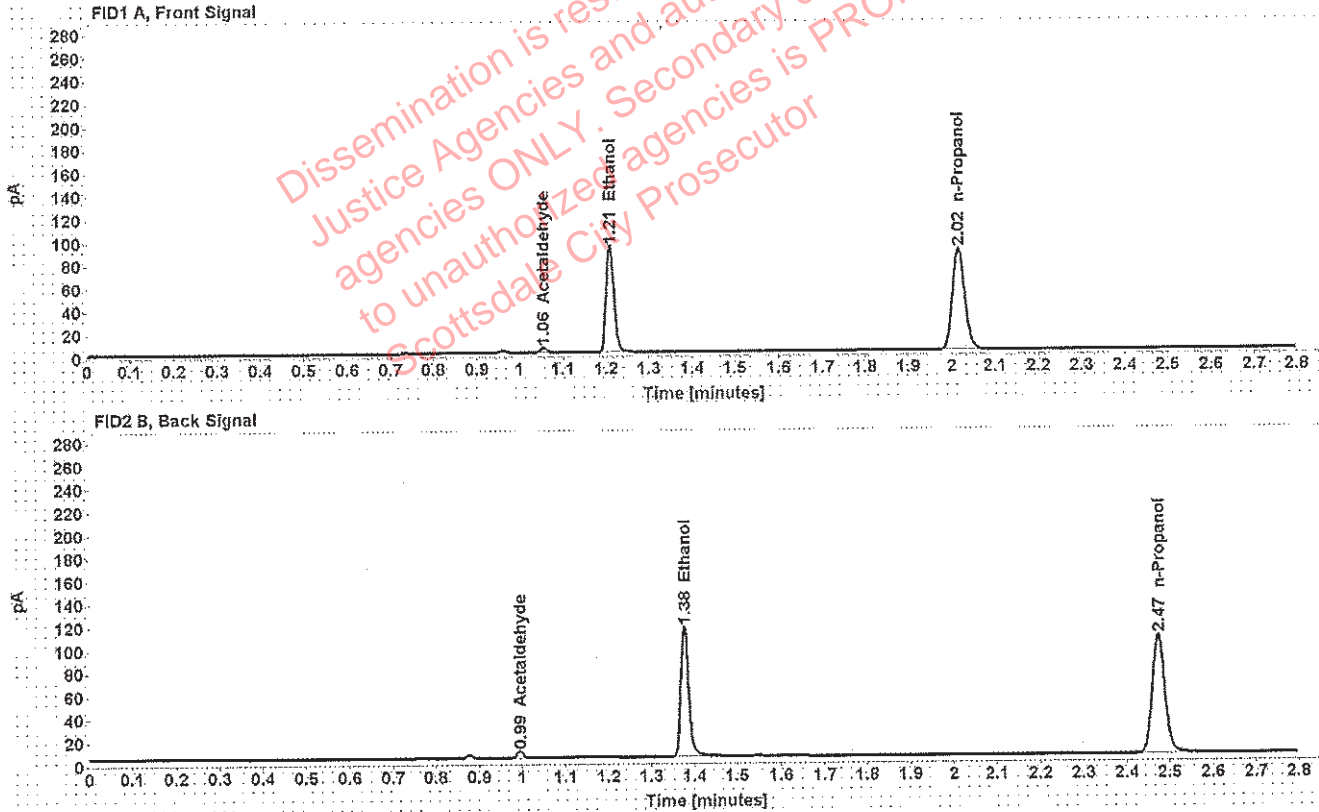


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.198
>Ethanol	0.1880	1.209	118.126
n-Propanol	-----	2.016	176.753

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.497
Ethanol	1.377	145.152
n-Propanol	2.474	212.615

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 11/6/2018 5:11:22 PM	Vial: 27
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\27.D	

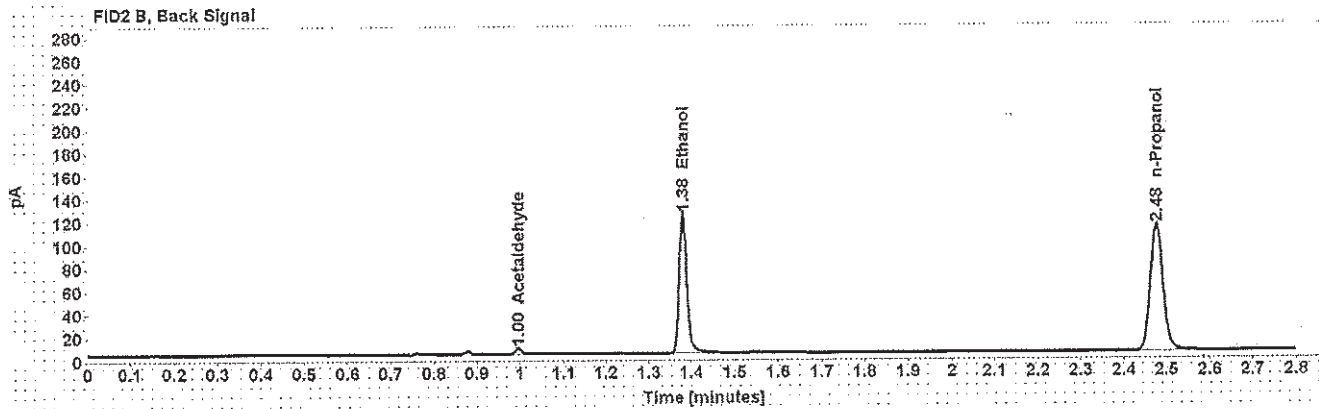
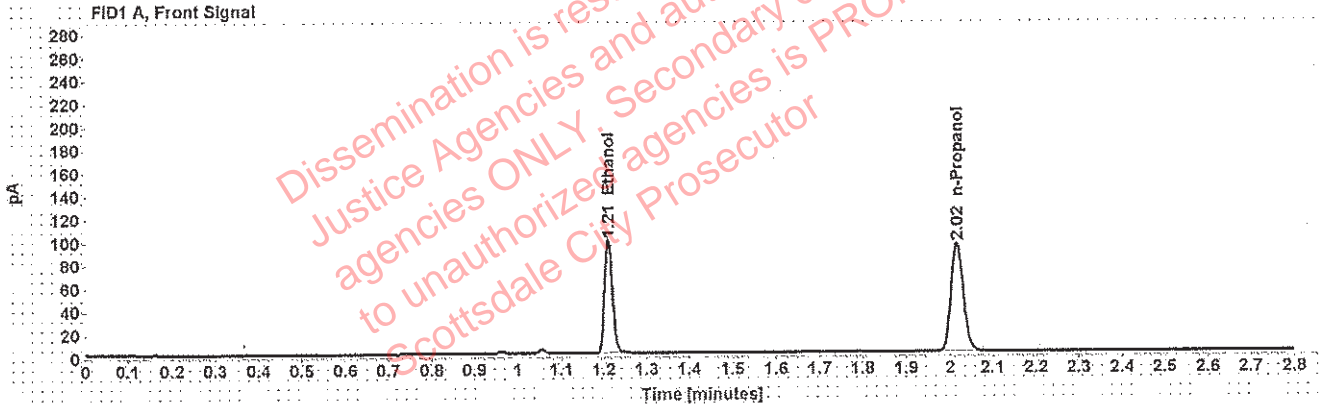


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1898	1.211	126.660
n-Propanol	-----	2.017	187.783

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	4.484
Ethanol	1.380	155.477
n-Propanol	2.476	226.721

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 11/6/2018 5:15:22 PM	Vial: 28
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\28.D	

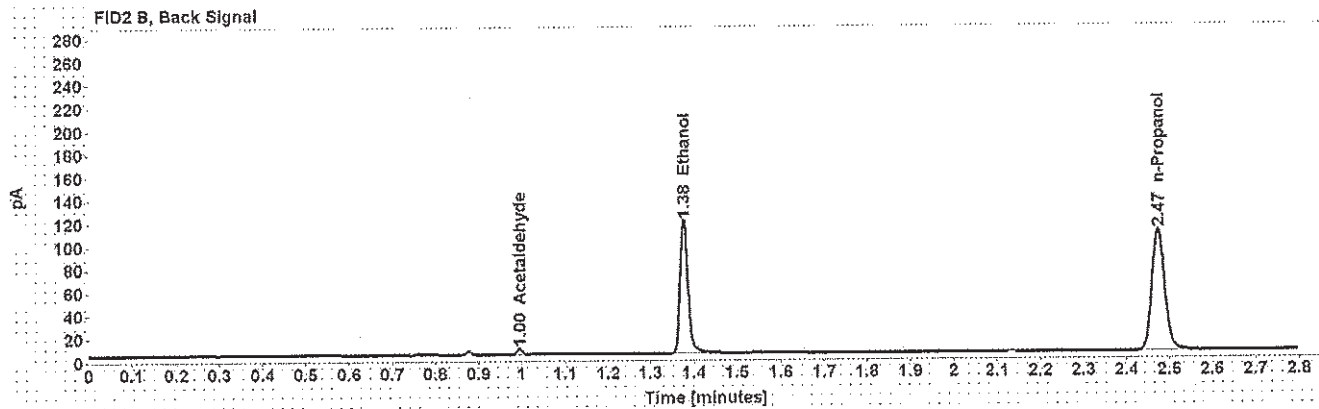
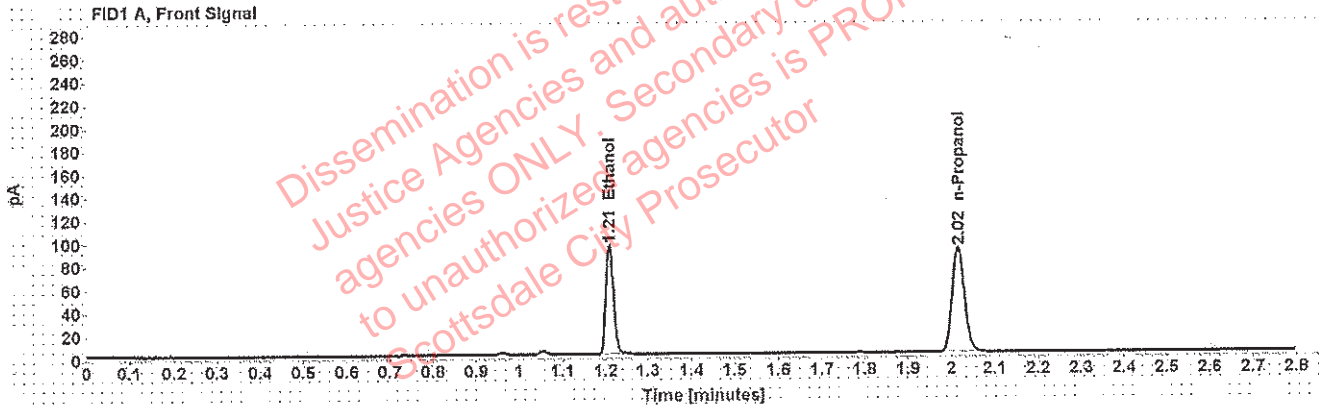


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1876	1.209	120.654
n-Propanol	-----	2.016	180.944

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.475
Ethanol	1.377	148.205
n-Propanol	2.474	218.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 11/6/2018 5:19:22 PM	Vial: 29
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\29.D	

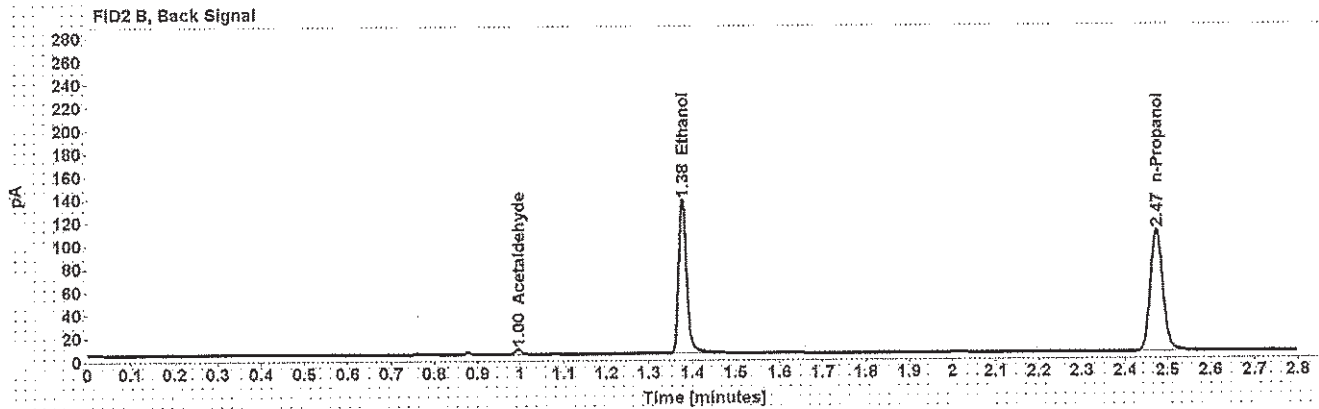
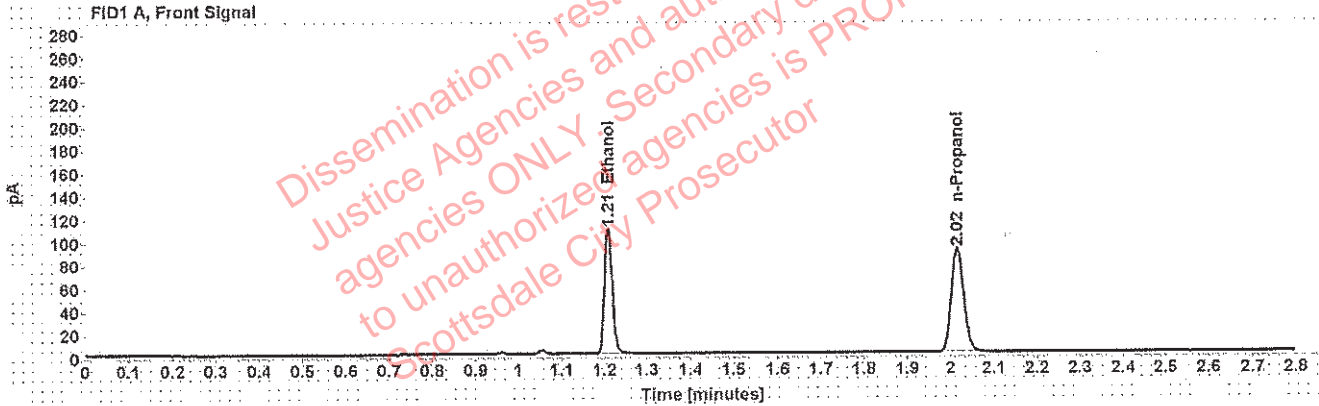


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2162	1.209	138.464
n-Propanol	-----	2.016	179.994

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.275
Ethanol	1.377	170.454
n-Propanol	2.474	217.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 11/6/2018 5:23:22 PM	Vial: 30
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\30.D	

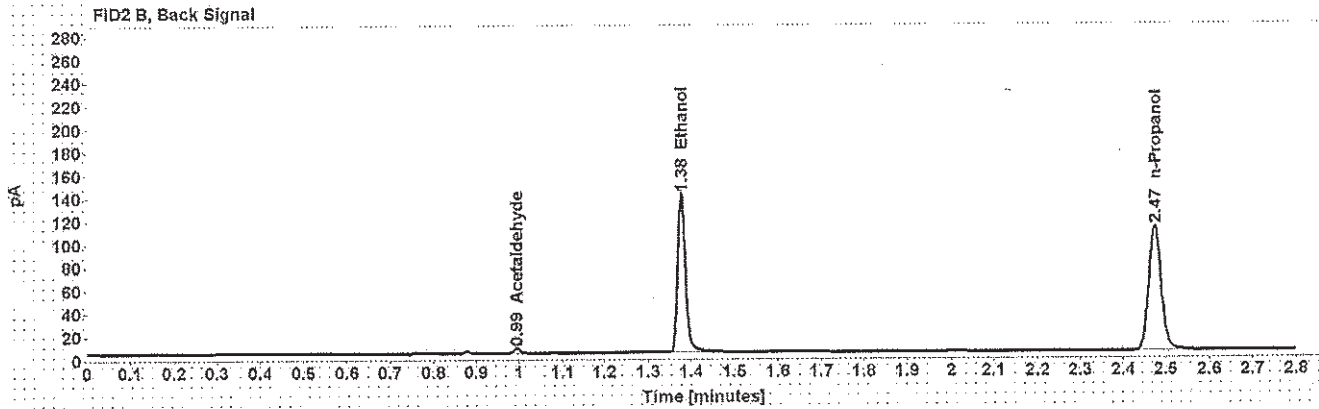
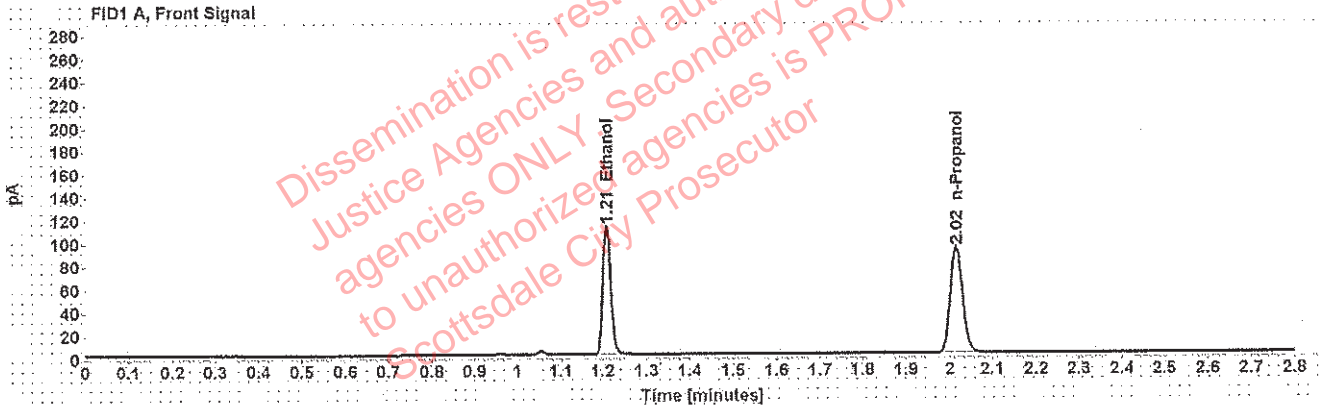


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2171	1.209	142.556
n-Propanol	-----	2.015	184.543

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.200
Ethanol	1.377	175.744
n-Propanol	2.474	222.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 327-01A
Injection date: 11/6/2018 5:31:37 PM	Vial: 32
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\32.D	

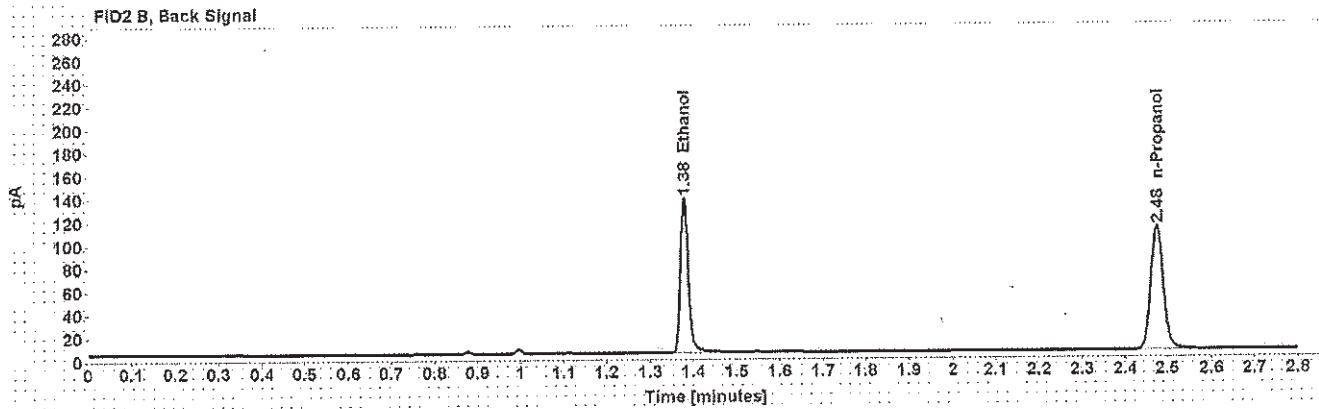
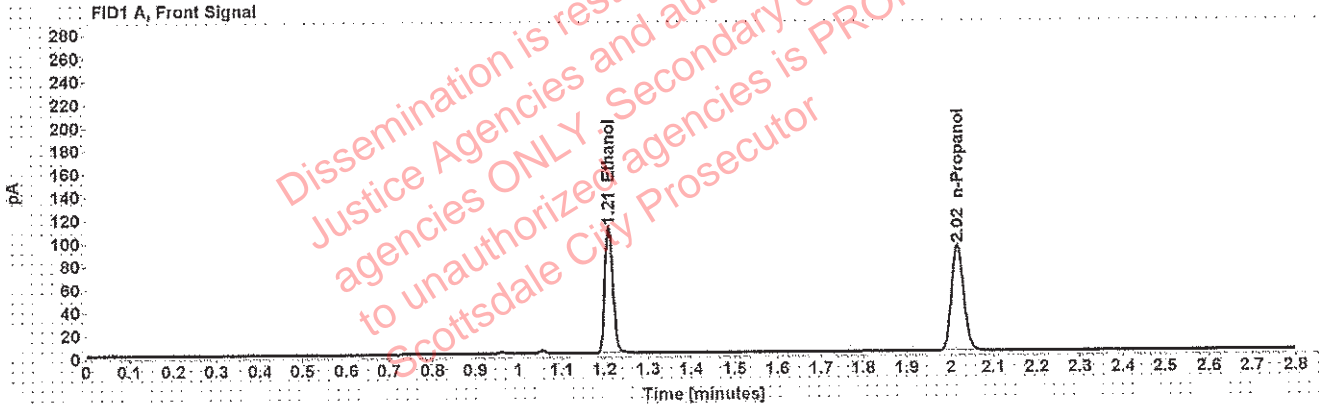


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2145	1.210	140.089
n-Propanol	-----	2.016	183.595

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

Compound	Time (min)	Peak Area
Ethanol	1.379	172.505
n-Propanol	2.475	221.502

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 327-01A
Injection date: 11/6/2018 5:35:38 PM	Vial: 33
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\33.D	

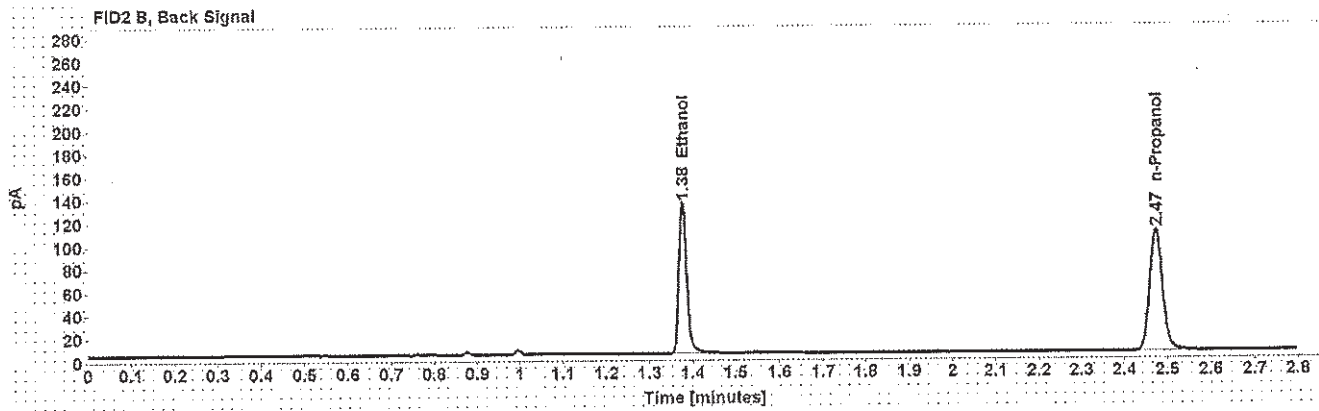
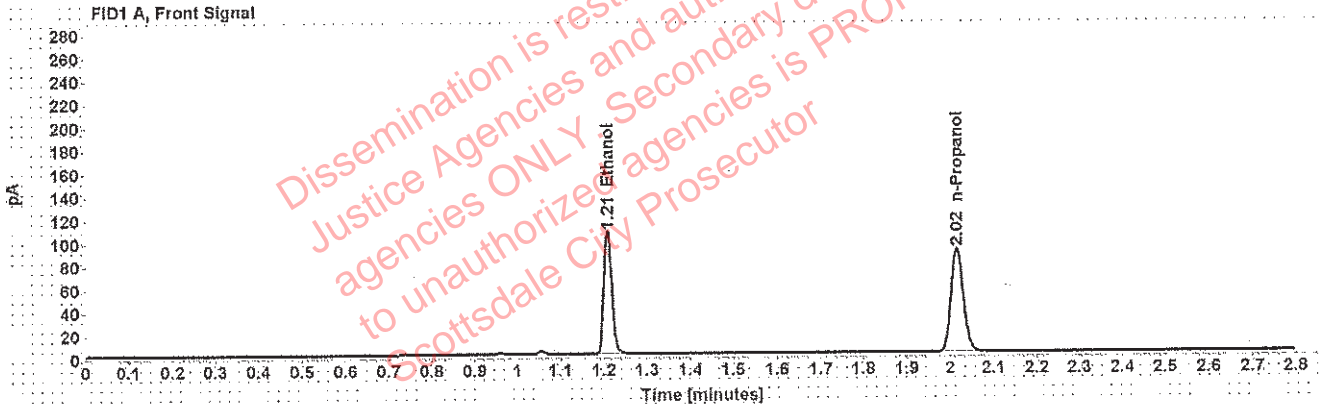


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2121	1.209	136.026
n-Propanol	-----	2.015	180.291

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

Compound	Time (min)	Peak Area
Ethanol	1.377	167.451
n-Propanol	2.474	217.575

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241300
Injection date: 11/6/2018 5:39:37 PM	Vial: 34
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\34.D	

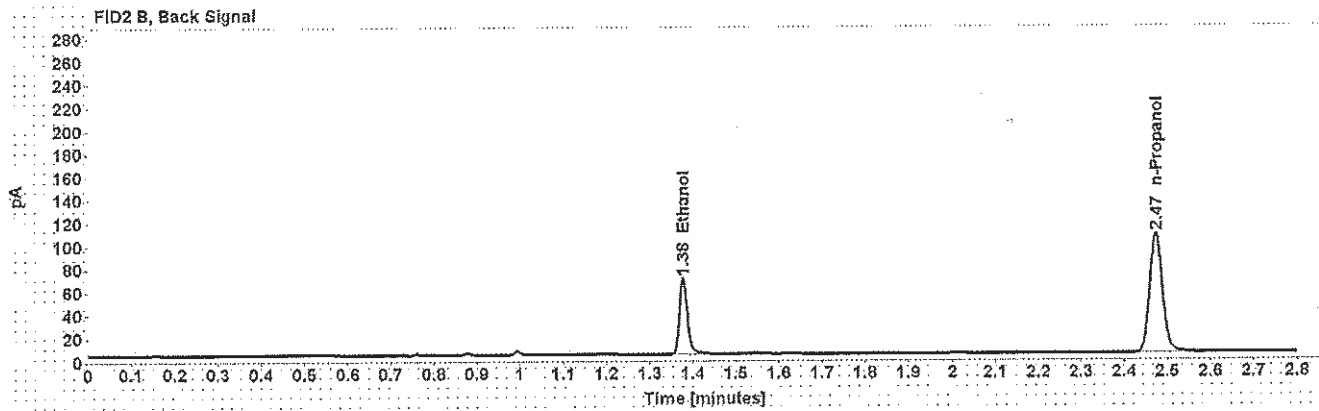
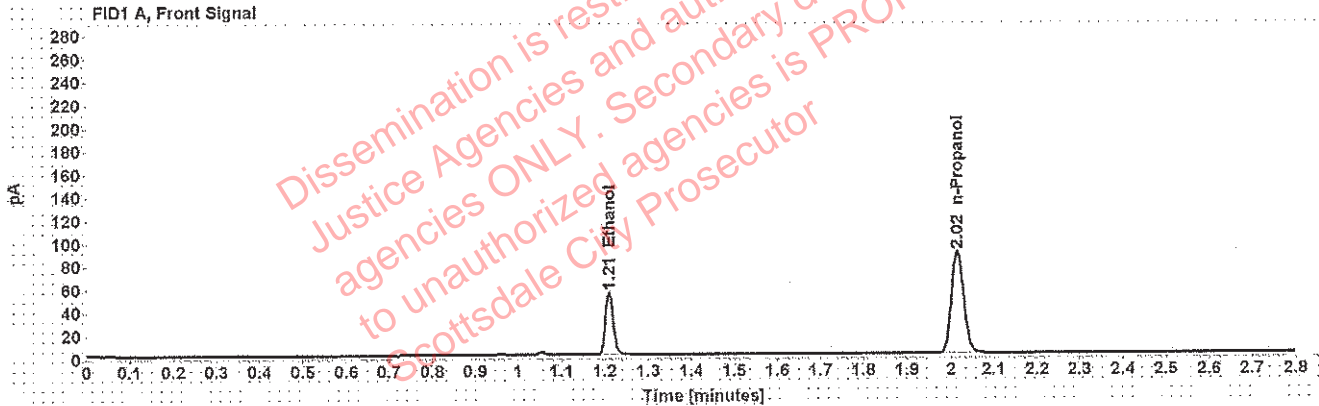


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1105	1.210	69.179
n-Propanol	-----	2.015	177.076

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

Compound	Time (min)	Peak Area
Ethanol	1.377	84.624
n-Propanol	2.473	213.420

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241300
Injection date: 11/6/2018 5:43:37 PM	Vial: 35
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\35.D	

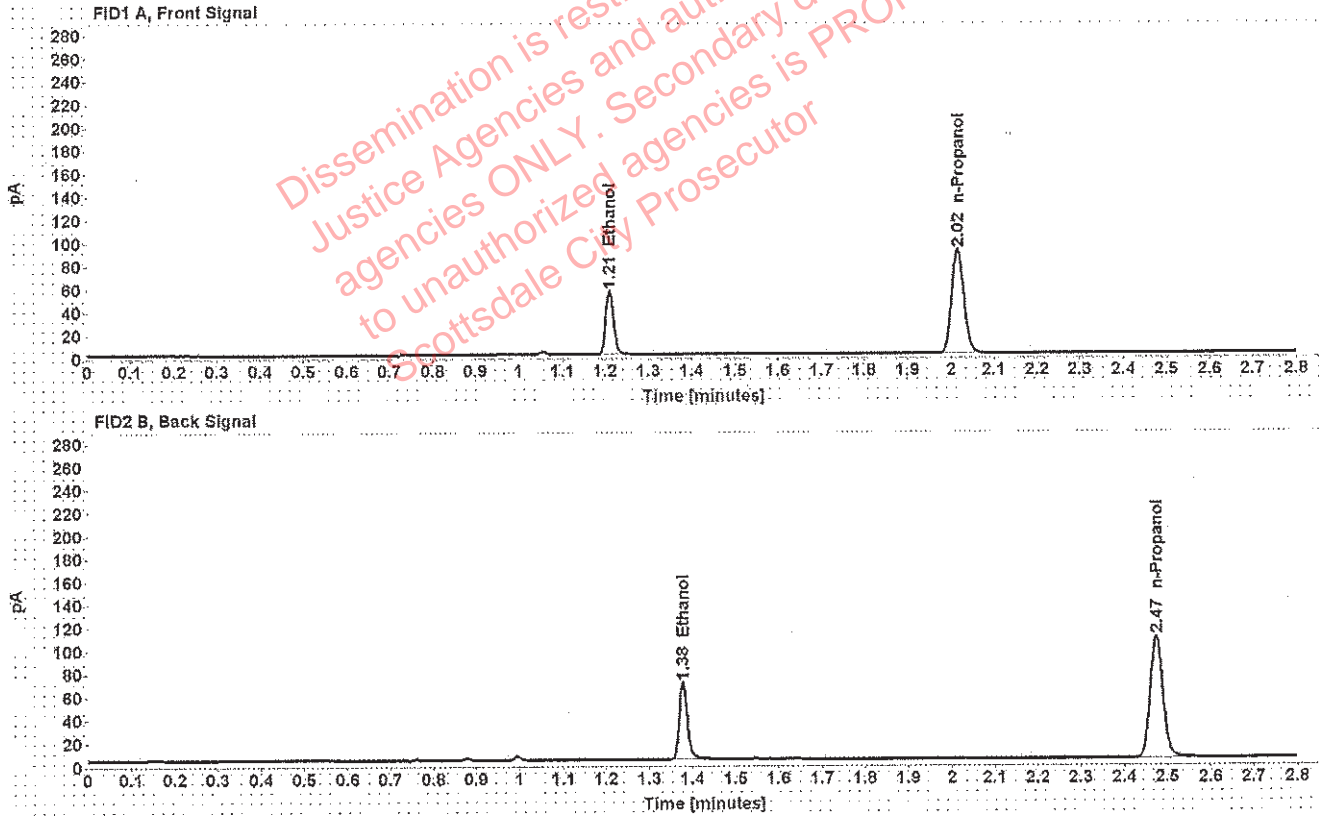


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1105	1.210	70.219
n-Propanol	-----	2.016	179.769

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

Compound	Time (min)	Peak Area
Ethanol	1.378	85.504
n-Propanol	2.474	217.361

Case:

User: wadrian 11/7/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Item number:	1240087
Injection date:	11/6/2018 5:47:37 PM	Vial:	36
Method:	ethanol quant.M	Sequence:	6Nov18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov18\36.D		

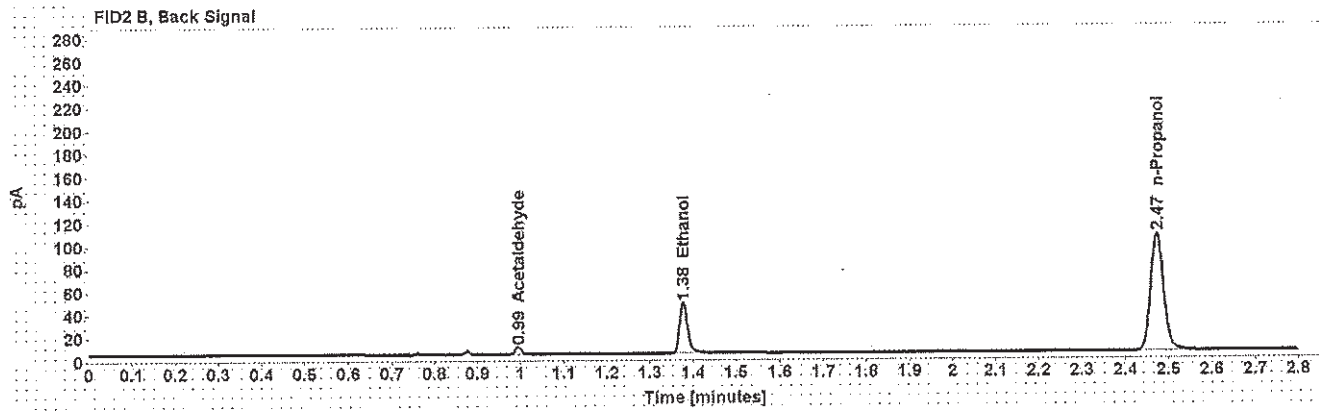
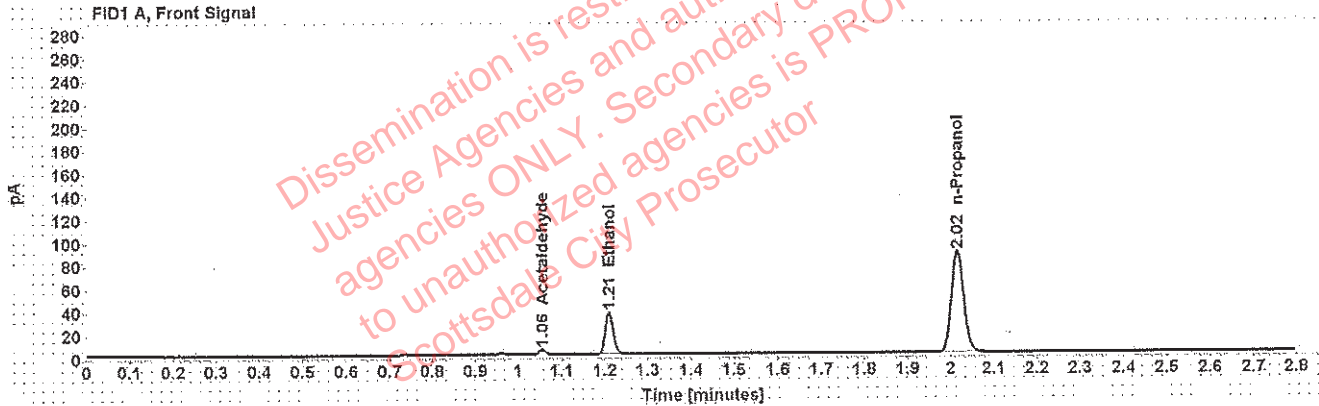


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.668
>Ethanol	0.0753	1.210	46.354
n-Propanol	-----	2.015	175.220

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.102
Ethanol	1.377	56.332
n-Propanol	2.473	211.311

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240087
Injection date: 11/6/2018 5:51:53 PM	Vial: 37
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\6Nov18\37.D	

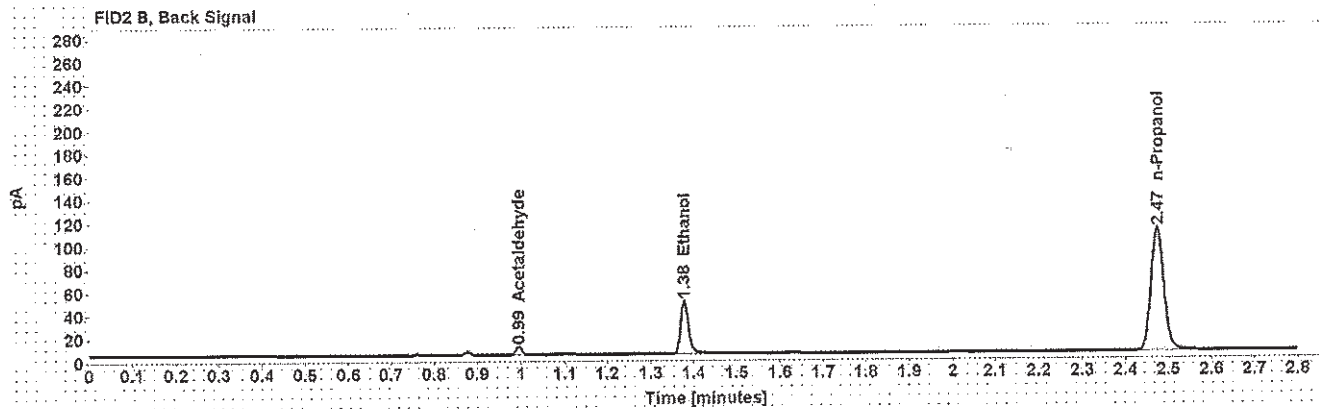
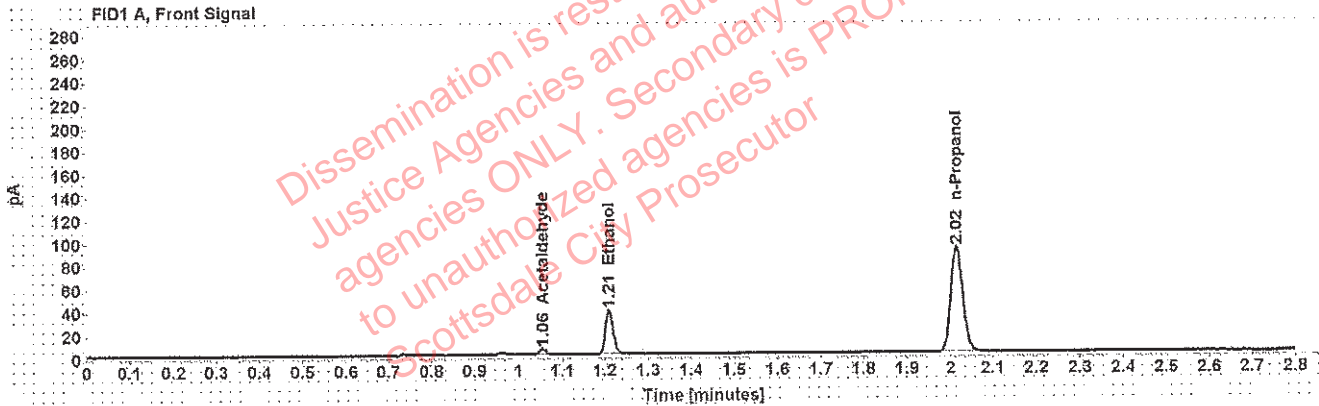


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.996
>Ethanol	0.0757	1.210	48.411
n-Propanol	-----	2.015	182.082

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.546
Ethanol	1.378	60.600
n-Propanol	2.474	219.473

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1238816
Injection date: 11/6/2018 5:55:52 PM	Vial: 38
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Nov18\38.D	

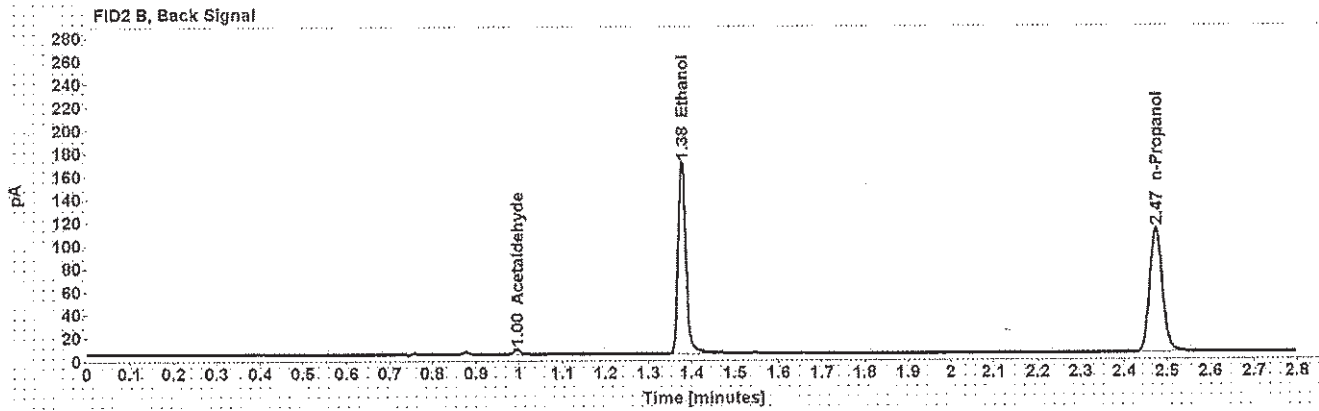
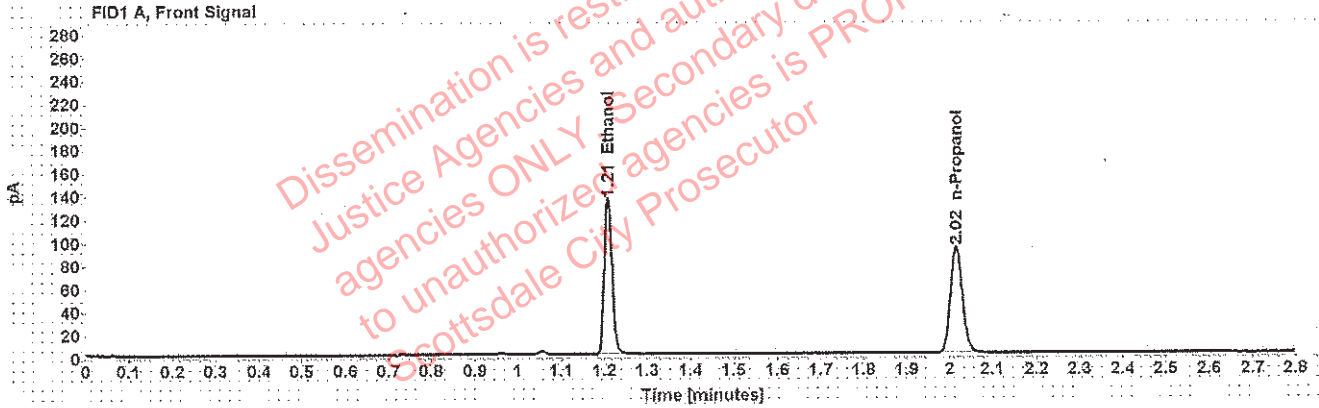


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2627	1.209	171.915
n-Propanol	-----	2.016	183.708

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.099
Ethanol	1.377	211.797
n-Propanol	2.474	221.837

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1238816
Injection date: 11/6/2018 5:59:52 PM	Vial: 39
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\39.D	

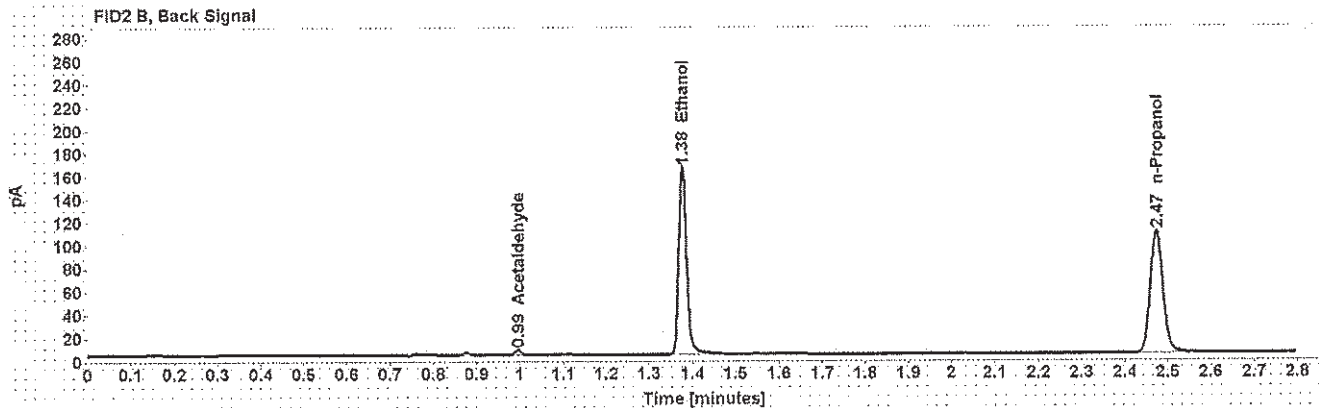
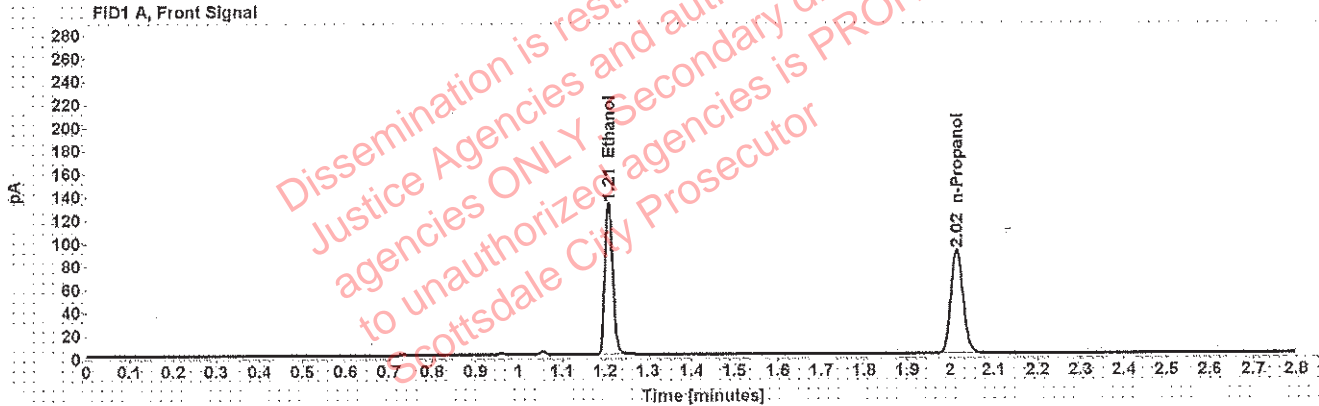


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2609	1.209	167.349
n-Propanol	-----	2.015	180.040

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.977
Ethanol	1.377	206.530
n-Propanol	2.473	217.660

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240195
Injection date: 11/6/2018 6:03:52 PM	Vial: 40
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\40.D	

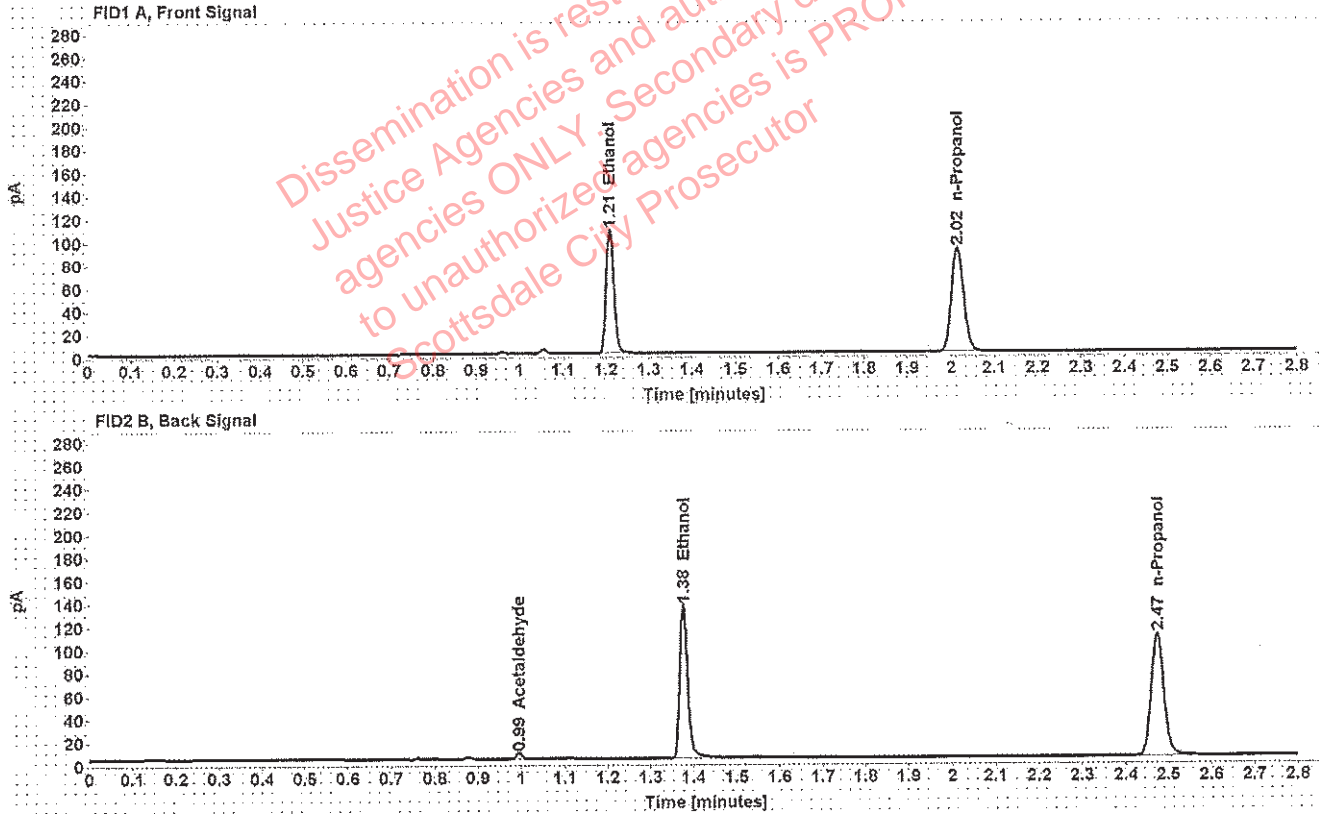


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2133	1.209	137.412
n-Propanol	-----	2.015	181.095

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.848
Ethanol	1.377	169.353
n-Propanol	2.473	218.805

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1240195
Injection date:	11/6/2018 6:07:52 PM	Vial:	41
Method:	ethanol quant.M	Sequence:	6Nov18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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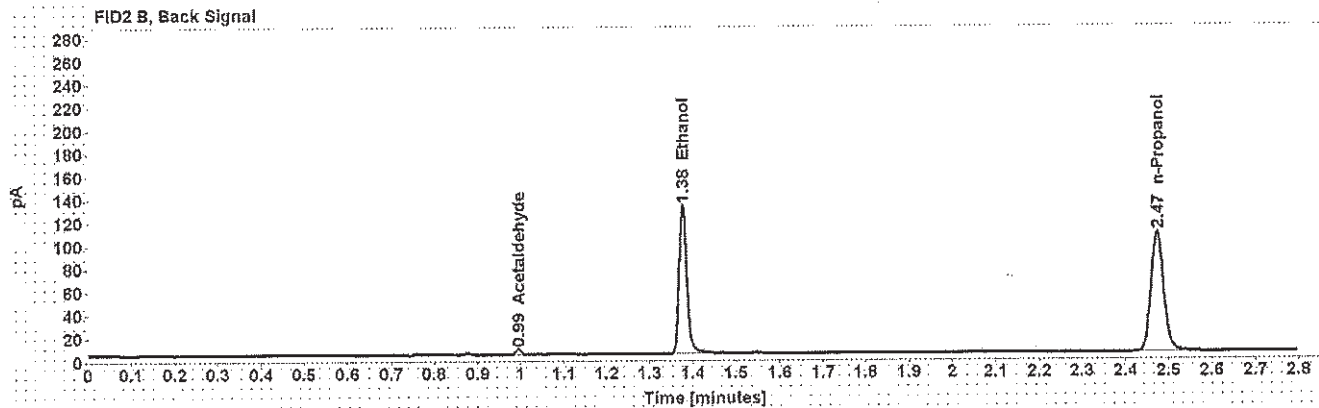
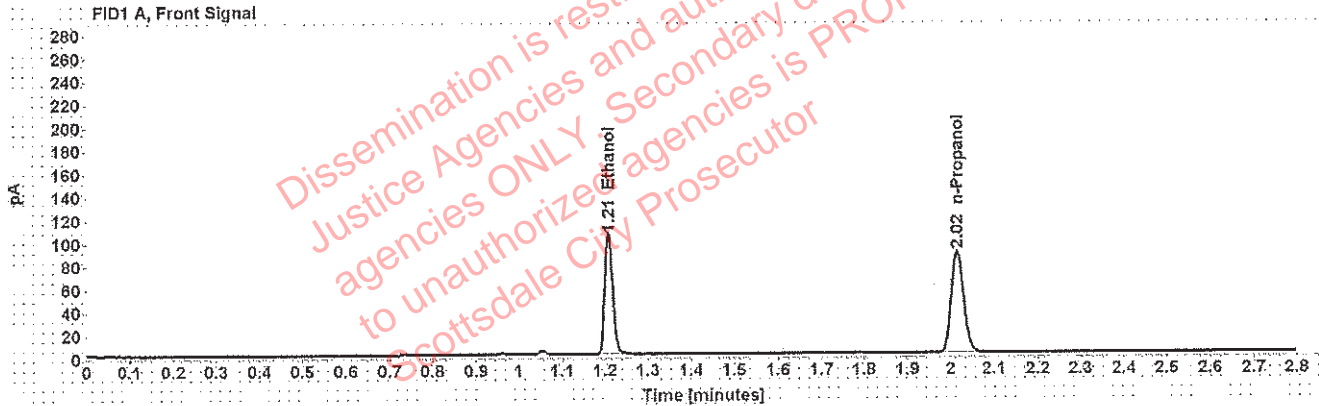


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2119	1.209	133.052
n-Propanol	-----	2.015	176.537

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.476
Ethanol	1.377	164.378
n-Propanol	2.473	214.037

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240022
Injection date: 11/6/2018 6:16:07 PM	Vial: 43
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\43.D	

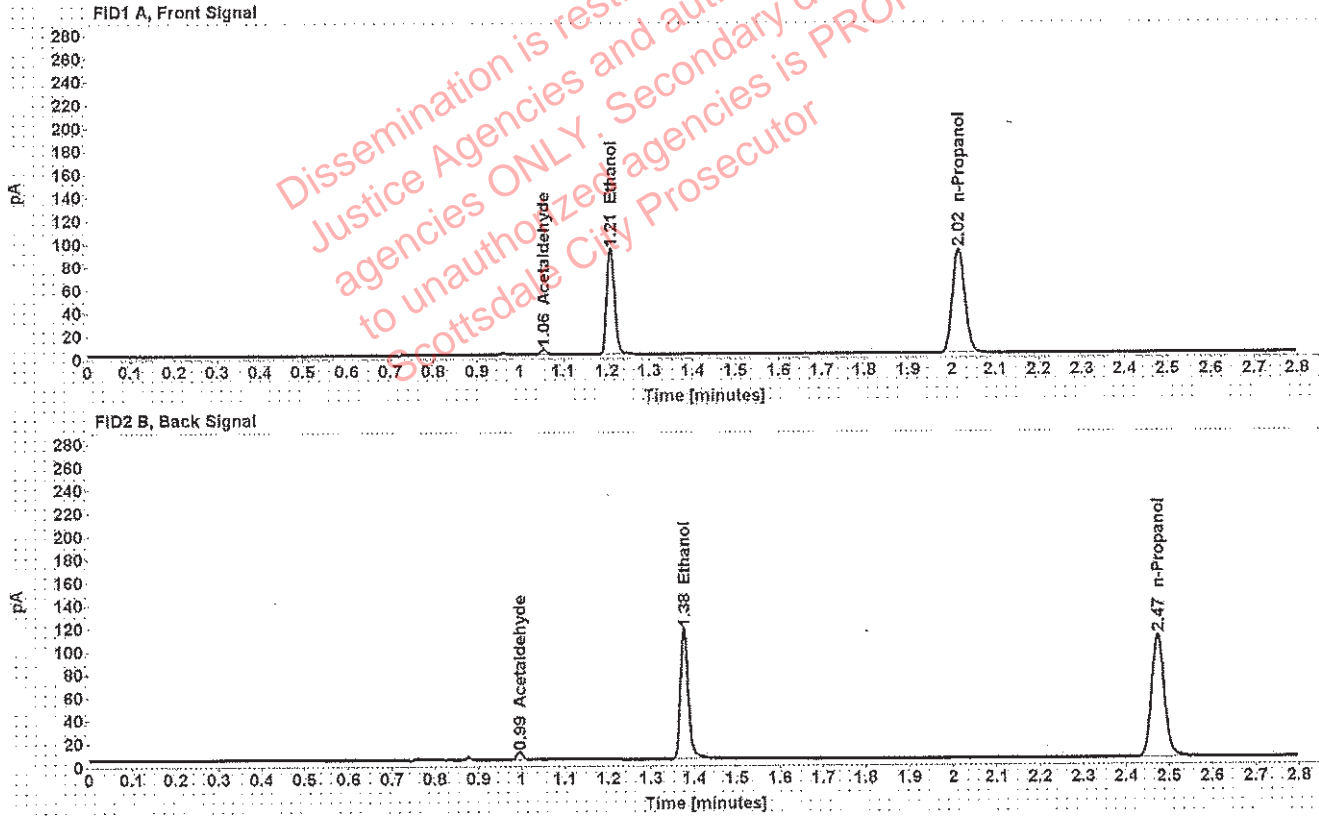


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.866
>Ethanol	0.1826	1.209	117.334
n-Propanol	-----	2.015	180.856

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.361
Ethanol	1.377	144.669
n-Propanol	2.474	218.709

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240022
Injection date: 11/6/2018 6:20:07 PM	Vial: 44
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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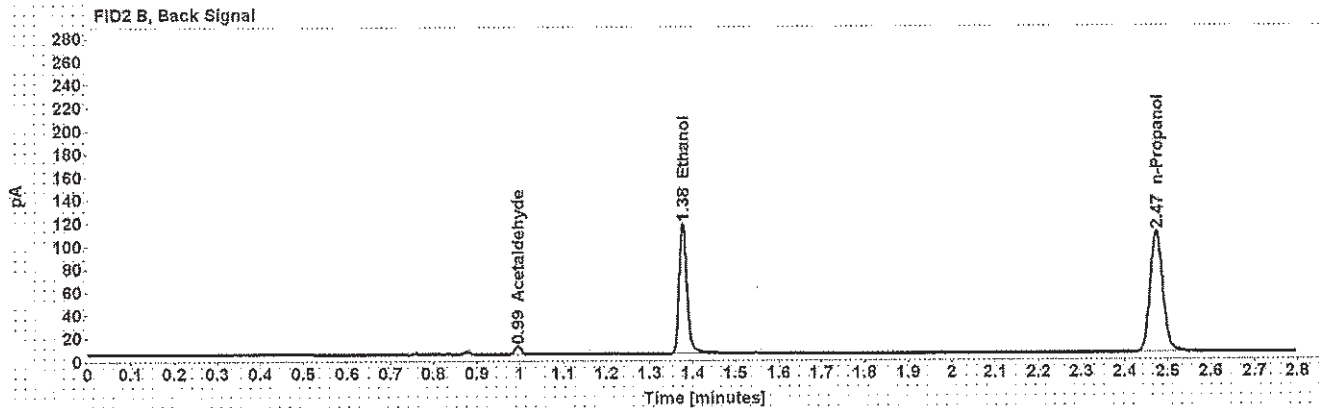
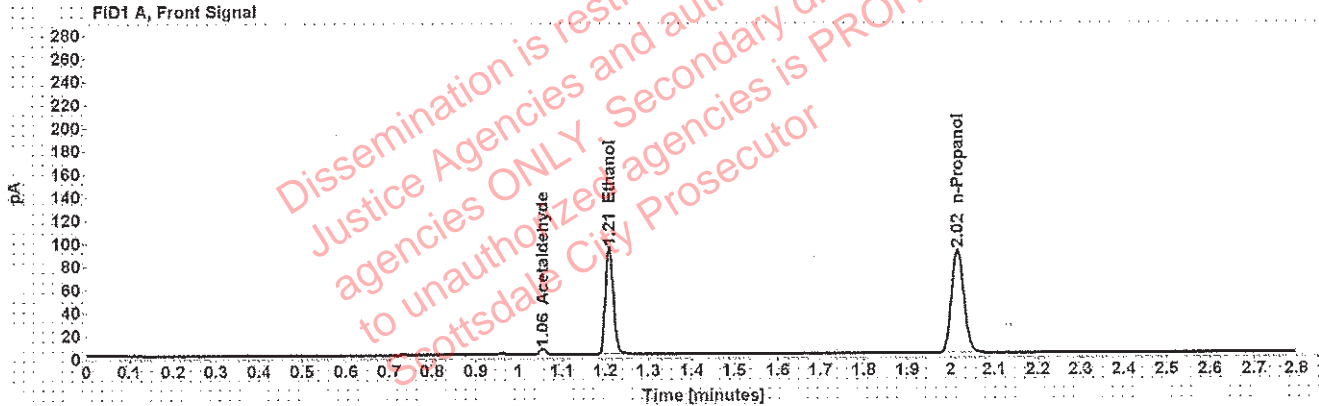


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.145
>Ethanol	0.1853	1.209	117.862
n-Propanol	-----	2.015	178.983

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.713
Ethanol	1.377	145.084
n-Propanol	2.474	215.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241441
Injection date: 11/6/2018 6:24:07 PM	Vial: 45
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\45.D	

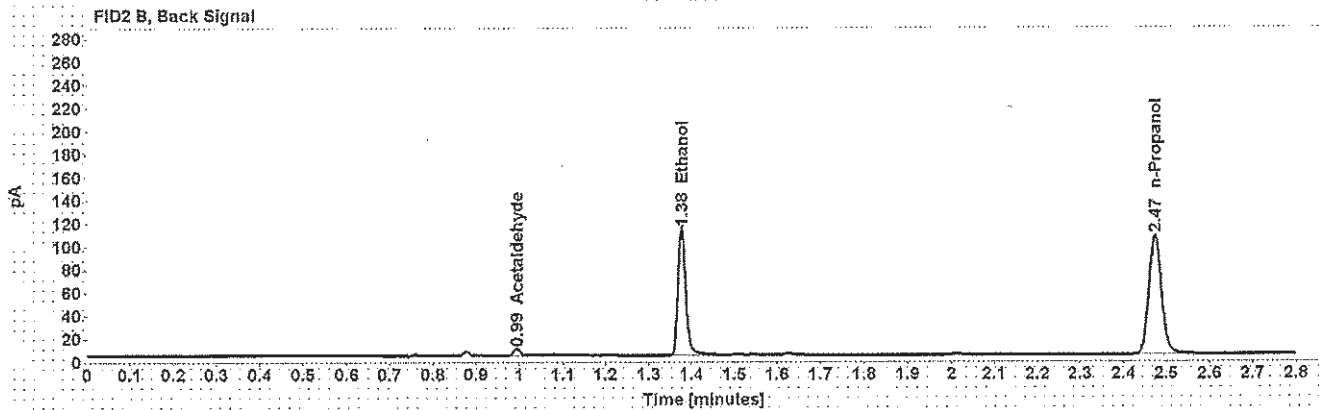
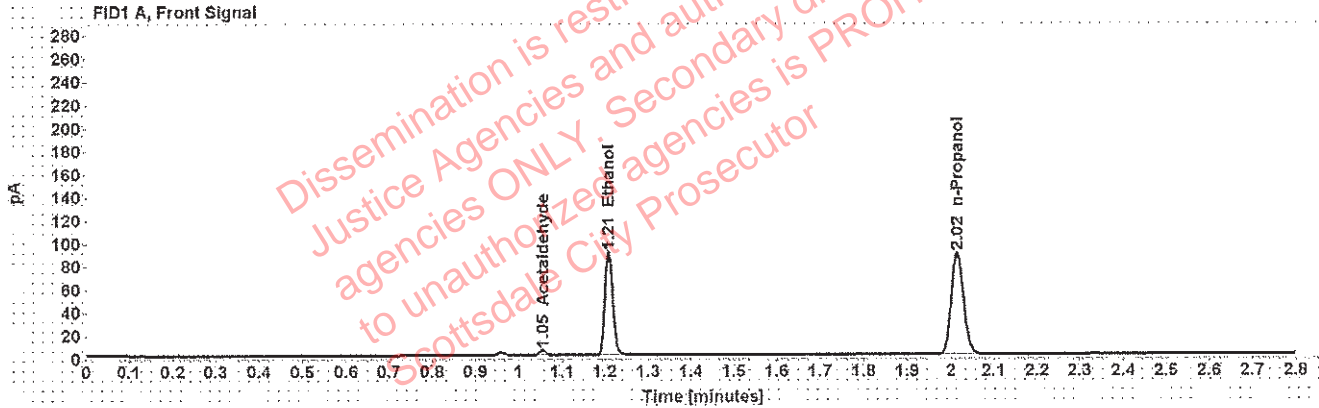


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.311
>Ethanol	0.1818	1.209	114.542
n-Propanol	-----	2.015	177.267

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.664
Ethanol	1.377	142.958
n-Propanol	2.473	212.916

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241441
Injection date: 11/6/2018 6:28:07 PM	Vial: 46
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\46.D	

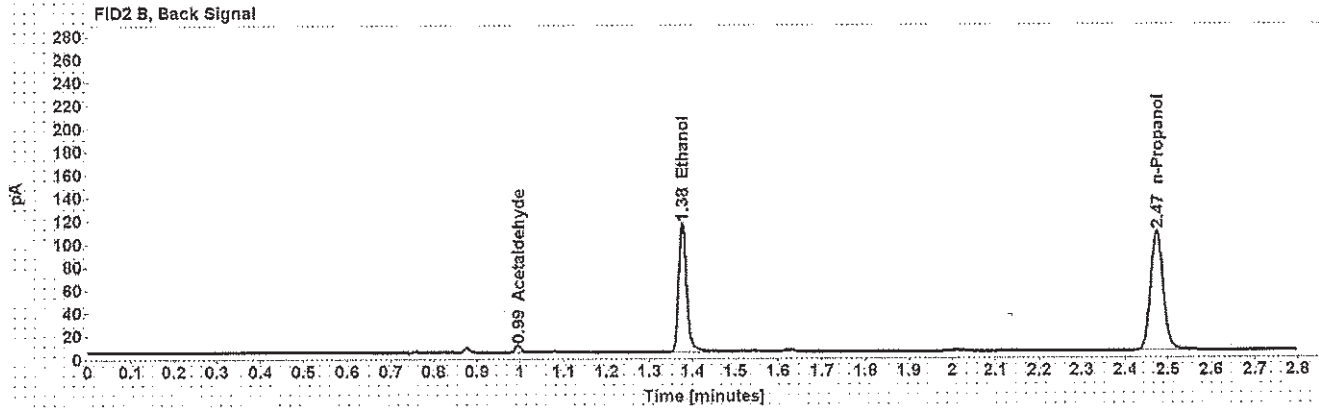
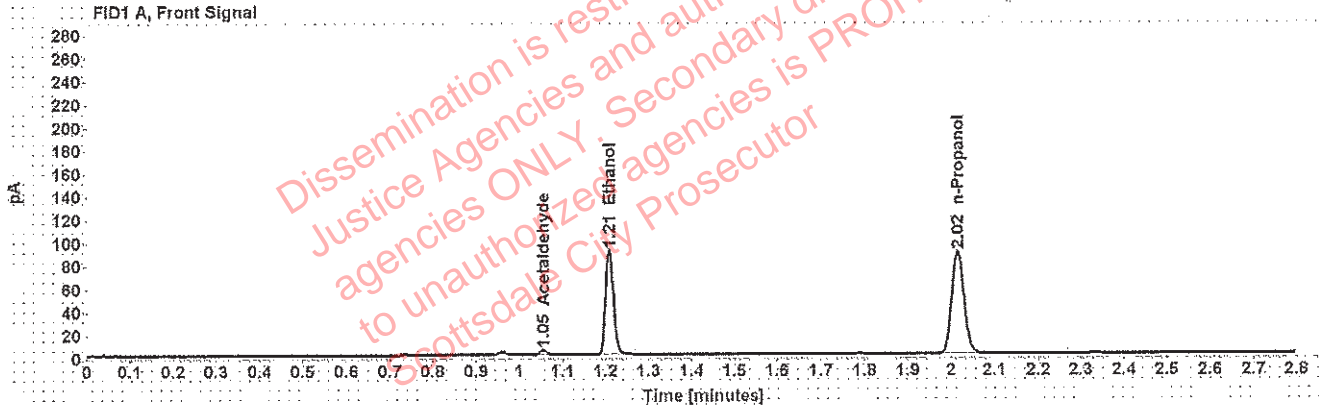


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.454
>Ethanol	0.1832	1.209	116.001
n-Propanol	-----	2.015	178.152

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.871
Ethanol	1.377	144.649
n-Propanol	2.473	213.922

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240997
Injection date: 11/6/2018 6:32:08 PM	Vial: 47
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\47.D	

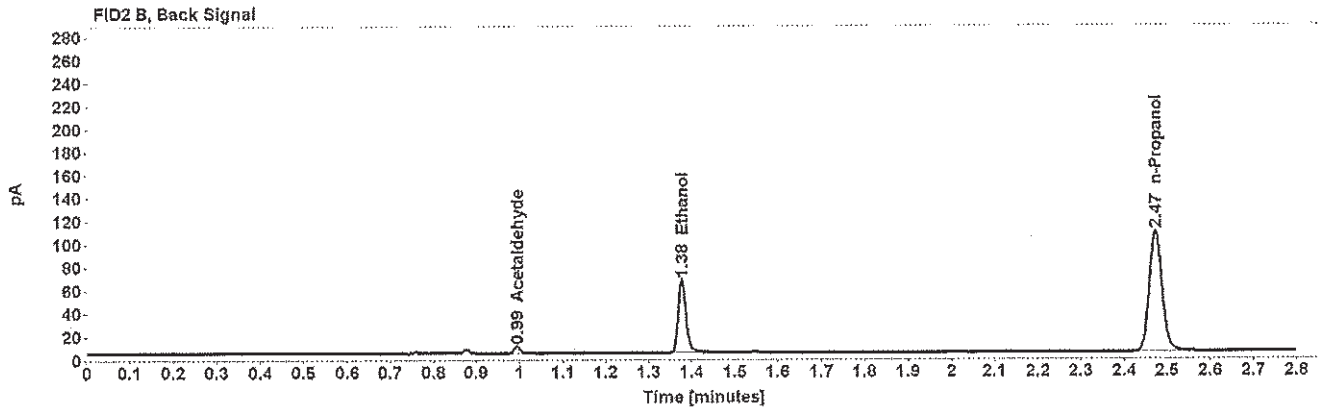
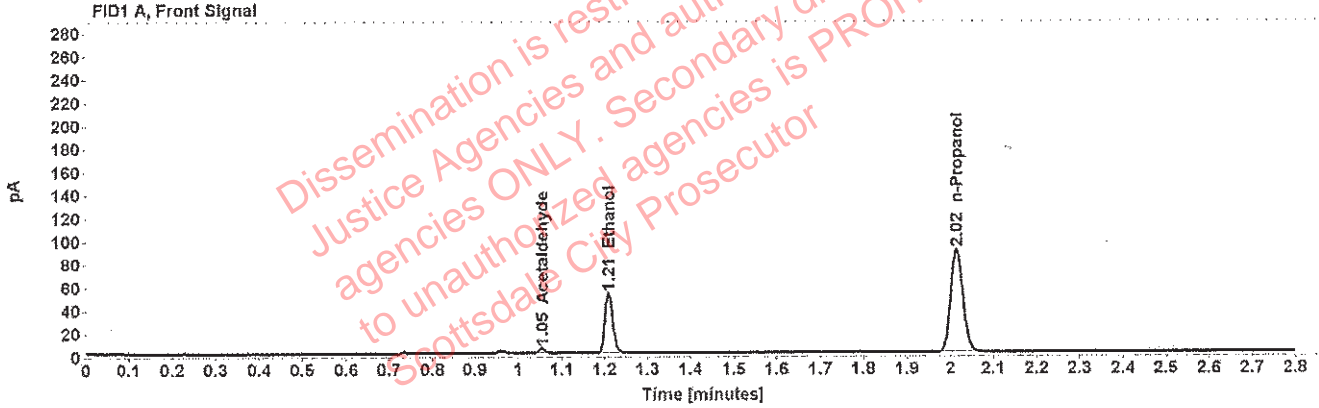


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.225
>Ethanol	0.1055	1.209	66.444
n-Propanol	-----	2.015	178.340

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.505
Ethanol	1.377	81.173
n-Propanol	2.473	215.932

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1240997
Injection date: 11/6/2018 6:36:07 PM	Vial: 48
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\48.D	

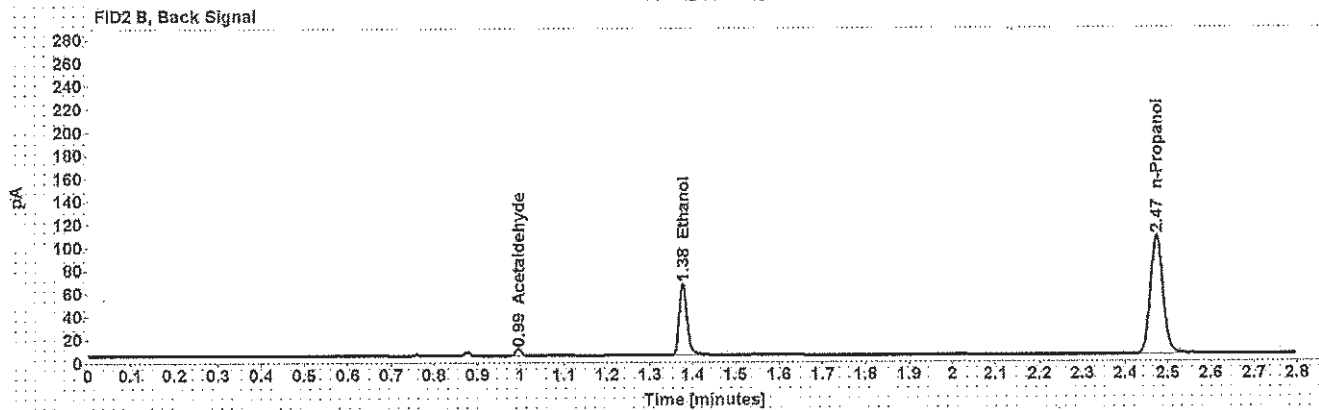
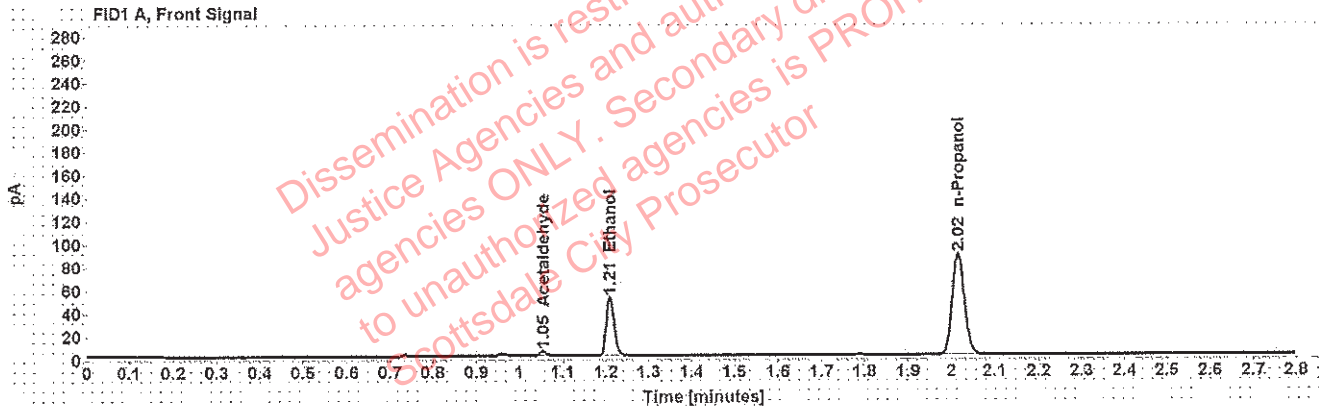


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.287
>Ethanol	0.1054	1.210	65.193
n-Propanol	-----	2.015	175.168

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.610
Ethanol	1.377	79.566
n-Propanol	2.473	212.013

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241919
Injection date: 11/6/2018 6:40:22 PM	Vial: 49
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\49.D	

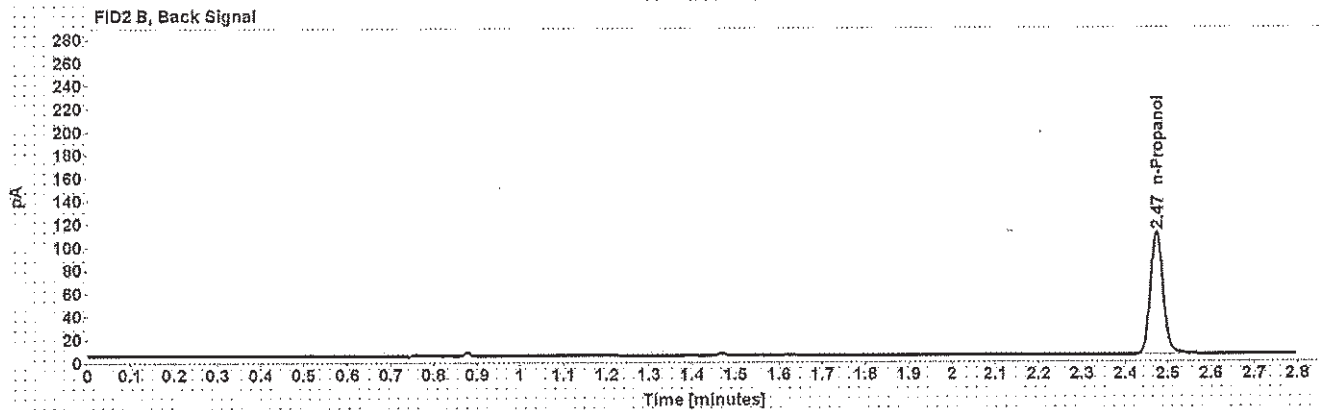


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	181.360

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

Compound	Time (min)	Peak Area
n-Propanol	2.473	219.432

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241919
Injection date: 11/6/2018 6:44:22 PM	Vial: 50
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\50.D	

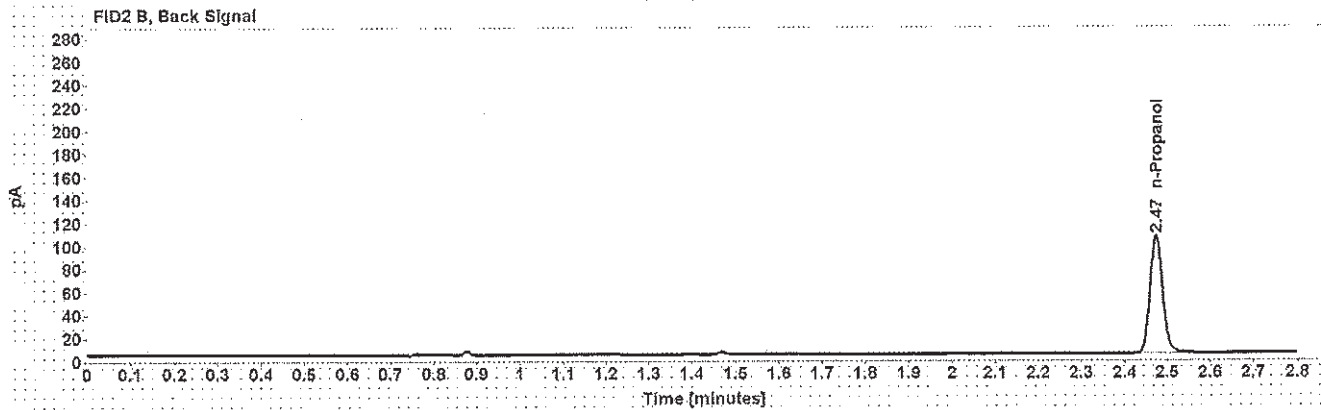


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	174.825

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

Compound	Time (min)	Peak Area
n-Propanol	2.474	211.403

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1242097
Injection date: 11/6/2018 6:48:23 PM	Vial: 51
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\6Nov18\51.D	

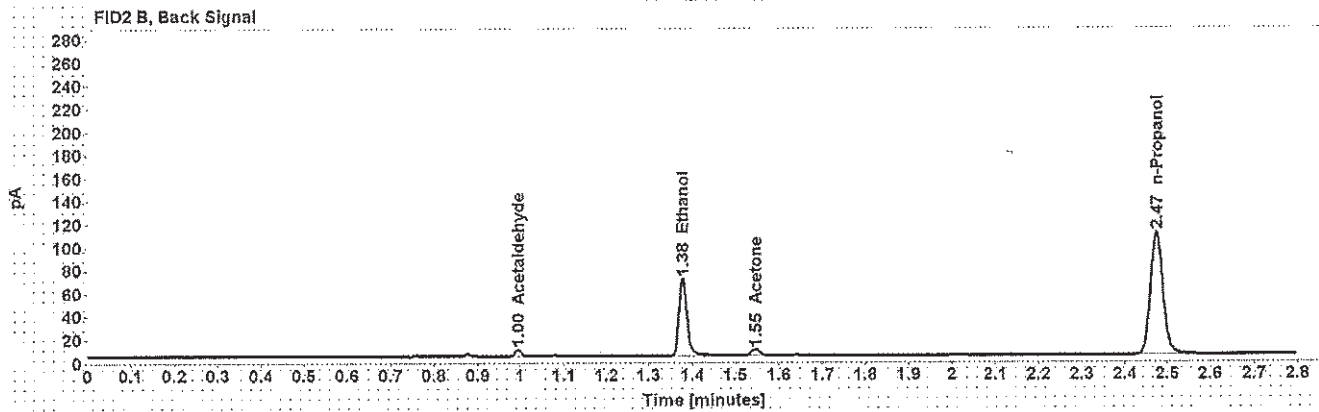
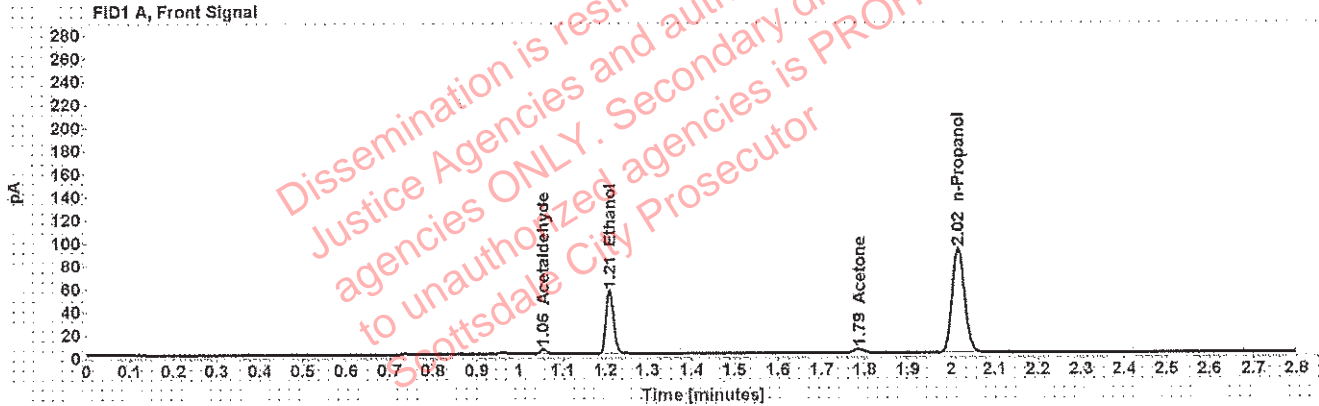


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.168
>Ethanol	0.1089	1.210	69.960
Acetone	-----	1.786	6.086
n-Propanol	-----	2.016	181.736

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.451
Ethanol	1.378	85.483
Acetone	1.546	7.034
n-Propanol	2.474	219.121

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1242097
Injection date: 11/6/2018 6:52:23 PM	Vial: 52
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\52.D	

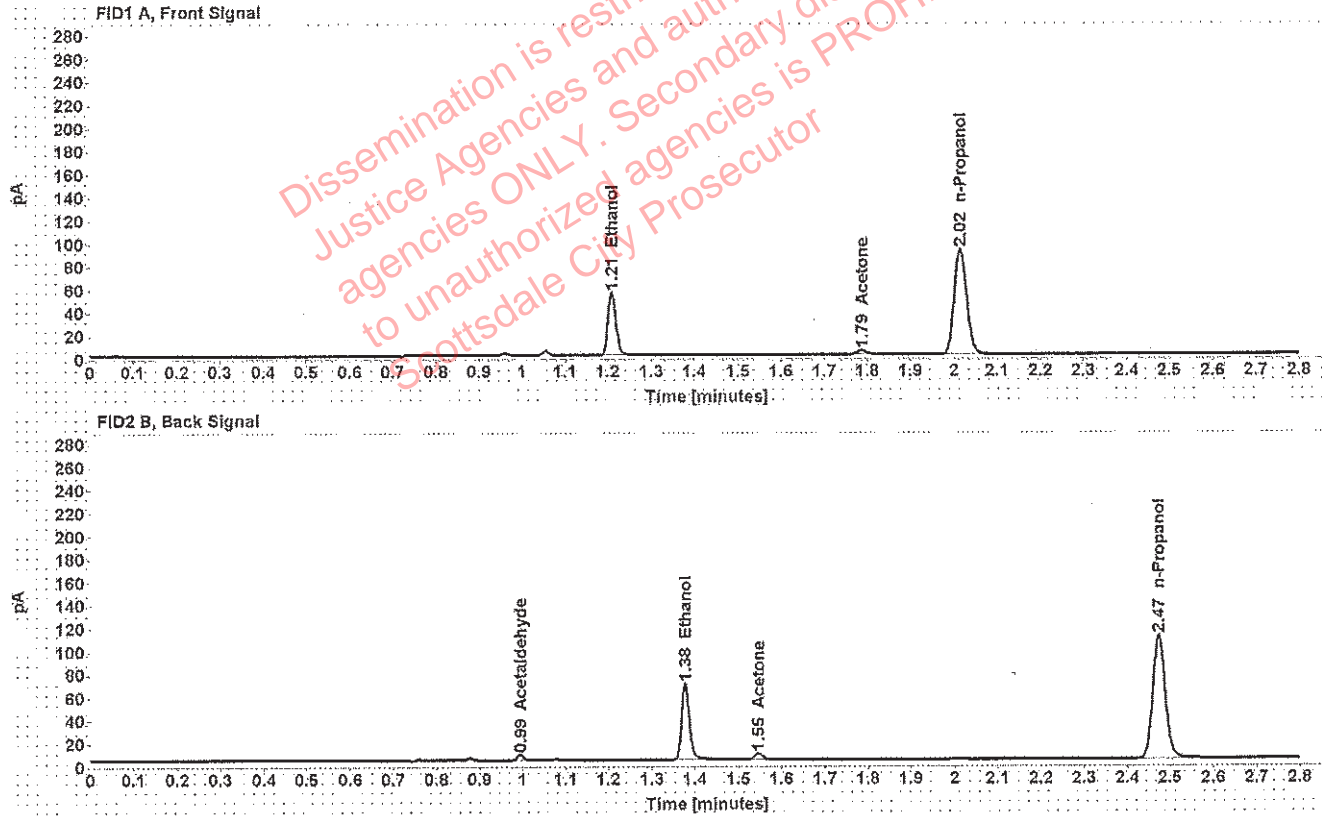


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1079	1.210	69.689
Acetone	-----	1.786	5.996
n-Propanol	-----	2.015	182.718

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.862
Ethanol	1.377	85.303
Acetone	1.545	6.953
n-Propanol	2.473	220.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241746
Injection date: 11/6/2018 7:00:22 PM	Vial: 54
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\54.D	

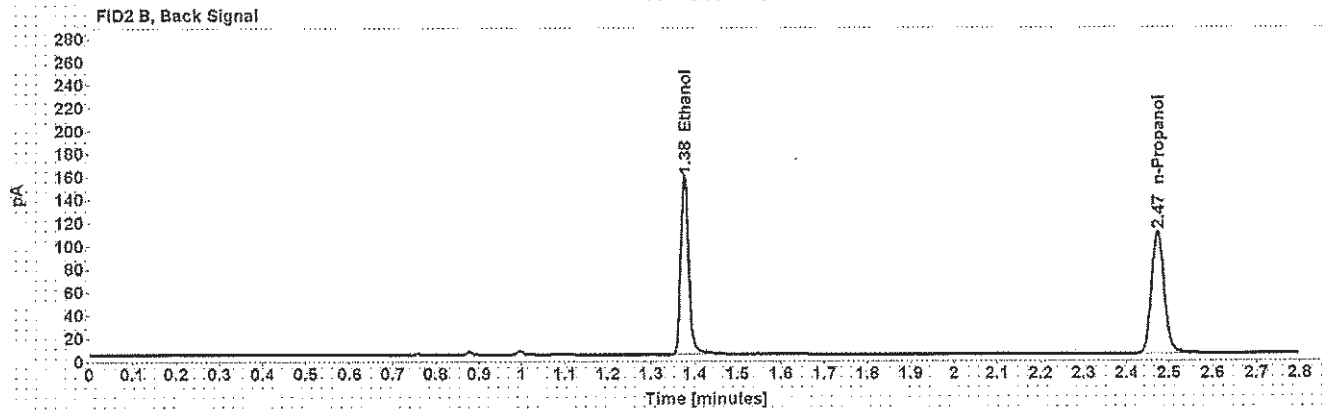
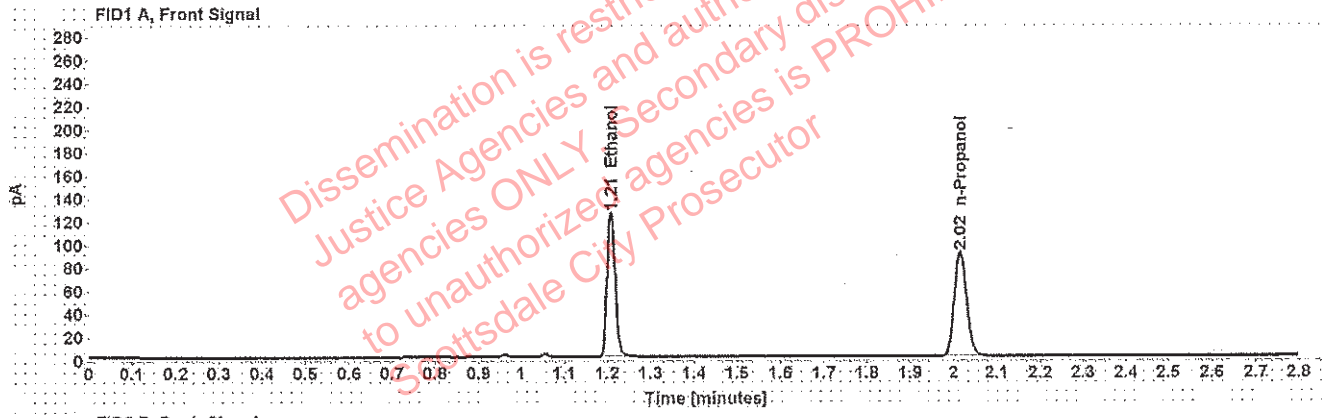


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2480	1.209	159.283
n-Propanol	-----	2.015	180.341

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

Compound	Time (min)	Peak Area
Ethanol	1.377	196.472
n-Propanol	2.474	219.491

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1241746
Injection date: 11/6/2018 7:04:37 PM	Vial: 55
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\55.D	

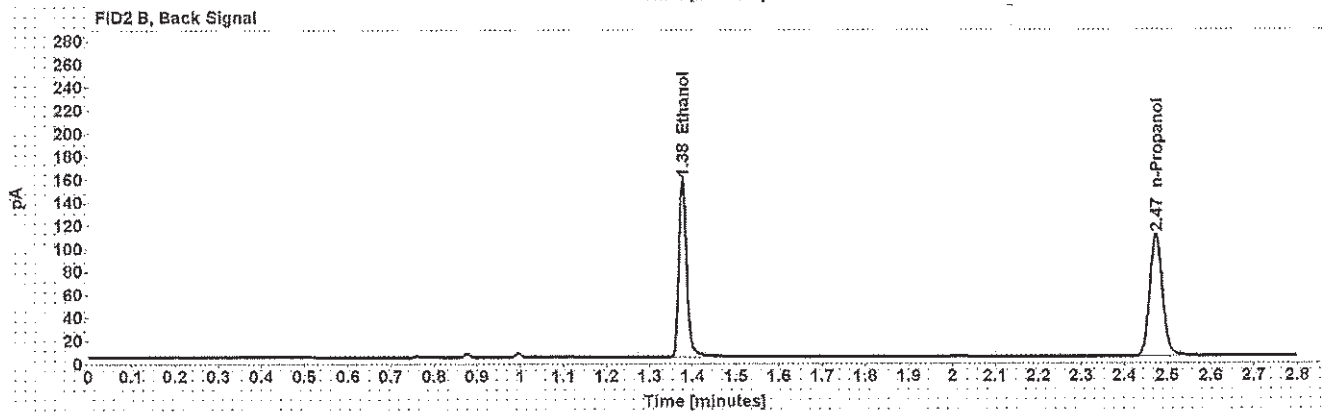
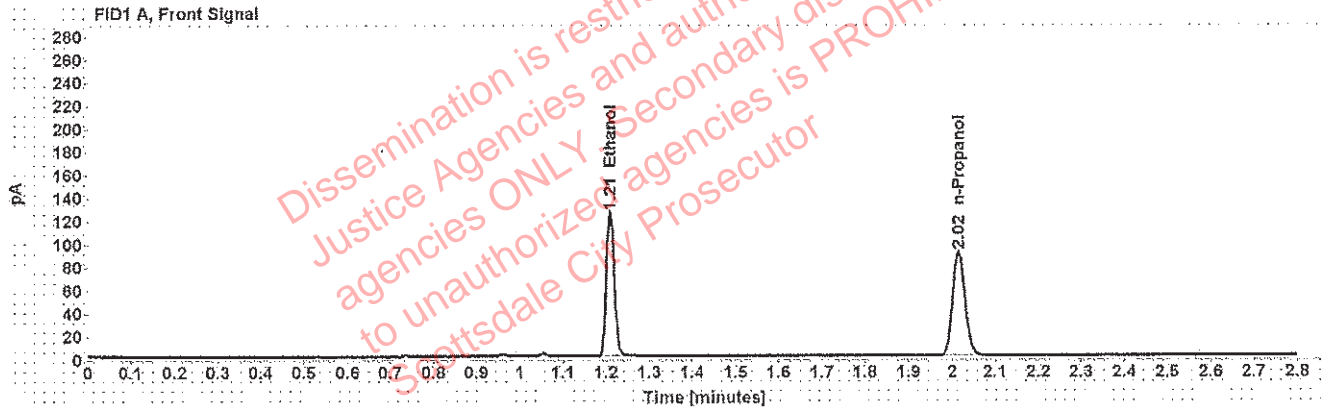


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2480	1.209	159.607
n-Propanol	-----	2.015	180.713

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

Compound	Time (min)	Peak Area
Ethanol	1.377	196.944
n-Propanol	2.473	218.979

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1242183
Injection date: 11/6/2018 7:08:38 PM	Vial: 56
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\56.D	

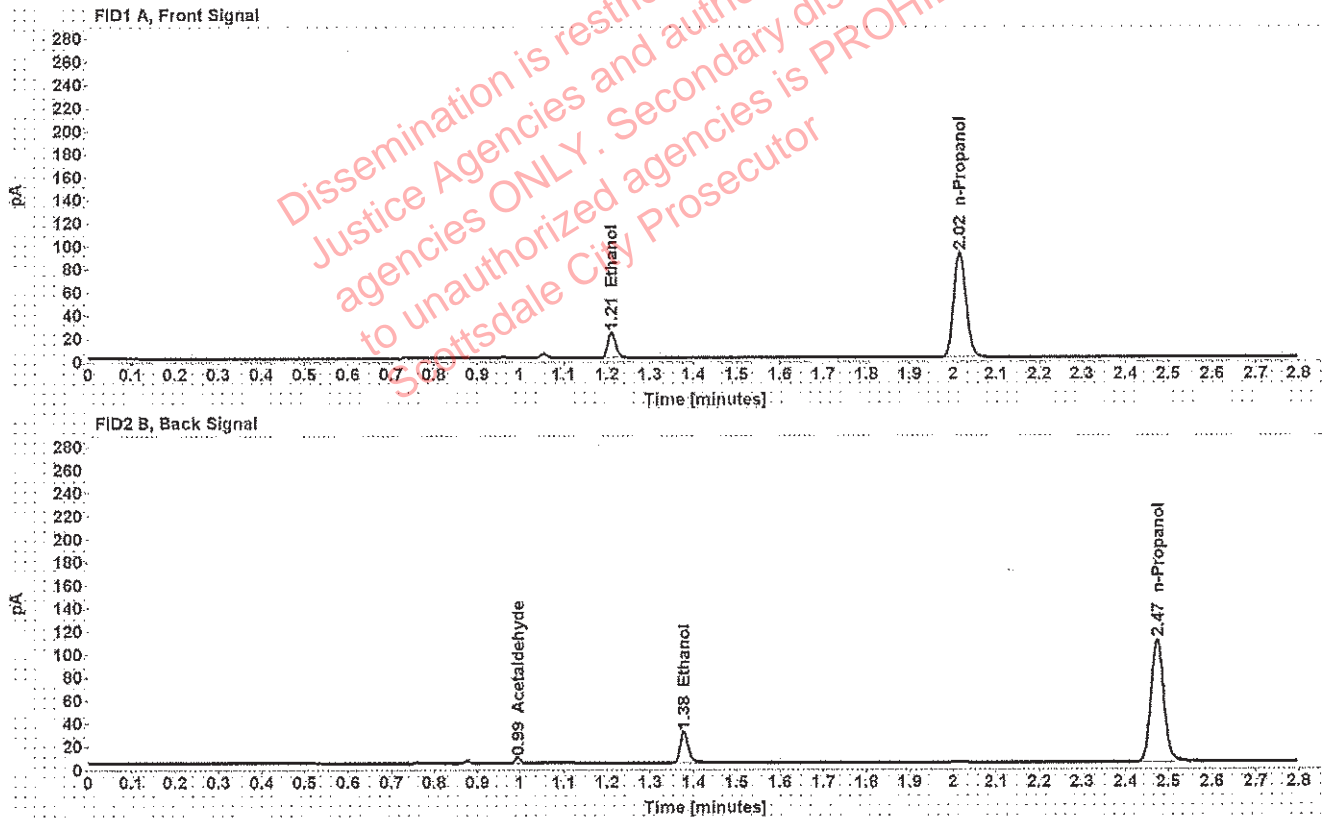


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0450	1.211	28.370
n-Propanol	-----	2.015	181.887

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.711
Ethanol	1.378	35.359
n-Propanol	2.474	220.408

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1242183
Injection date: 11/6/2018 7:12:37 PM	Vial: 57
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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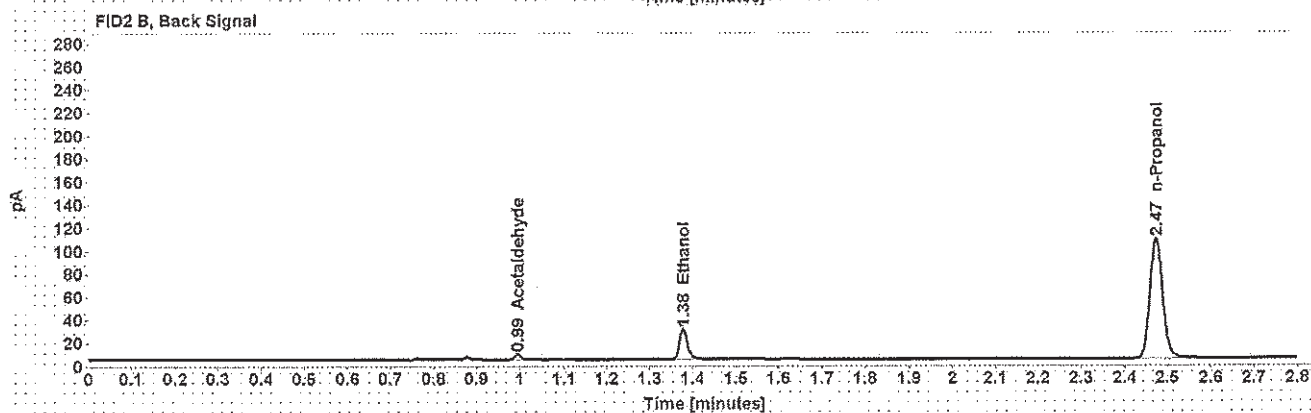
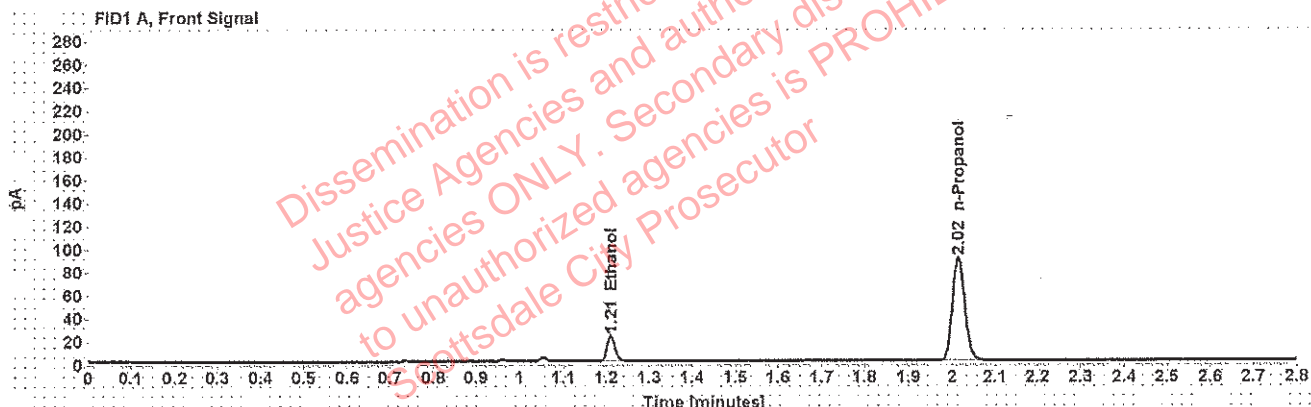


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0450	1.211	27.864
n-Propanol	-----	2.015	178.757

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.375
Ethanol	1.378	34.340
n-Propanol	2.474	216.446

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1220394
Injection date: 11/6/2018 7:16:37 PM	Vial: 58
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\58.D	

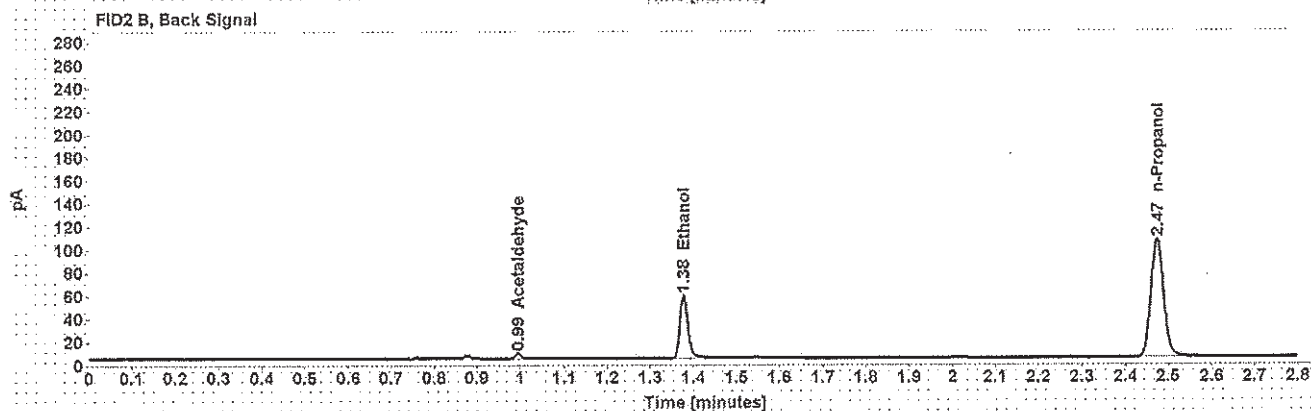
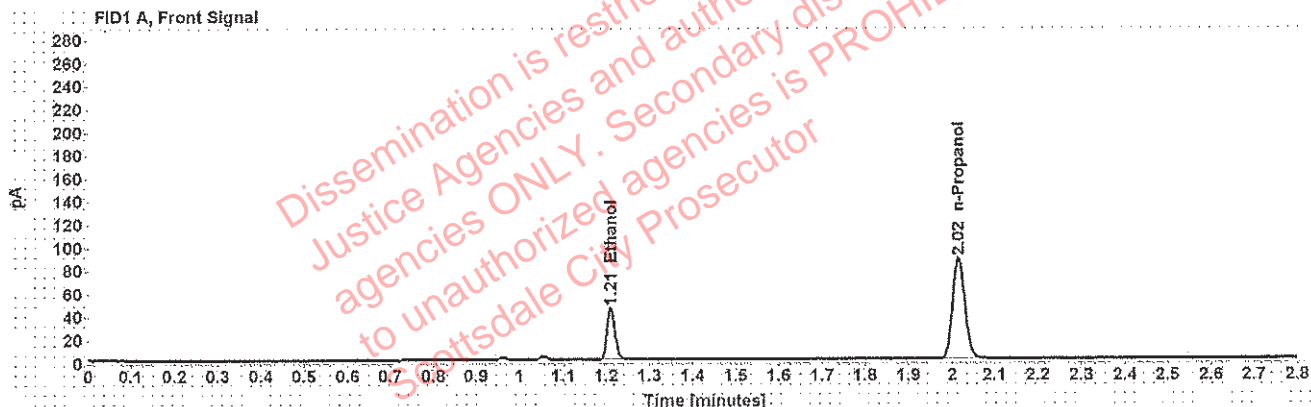


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0927	1.210	57.172
n-Propanol	-----	2.015	175.040

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.434
Ethanol	1.377	69.953
n-Propanol	2.474	212.164

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1220394
Injection date: 11/6/2018 7:20:37 PM	Vial: 59
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\59.D	

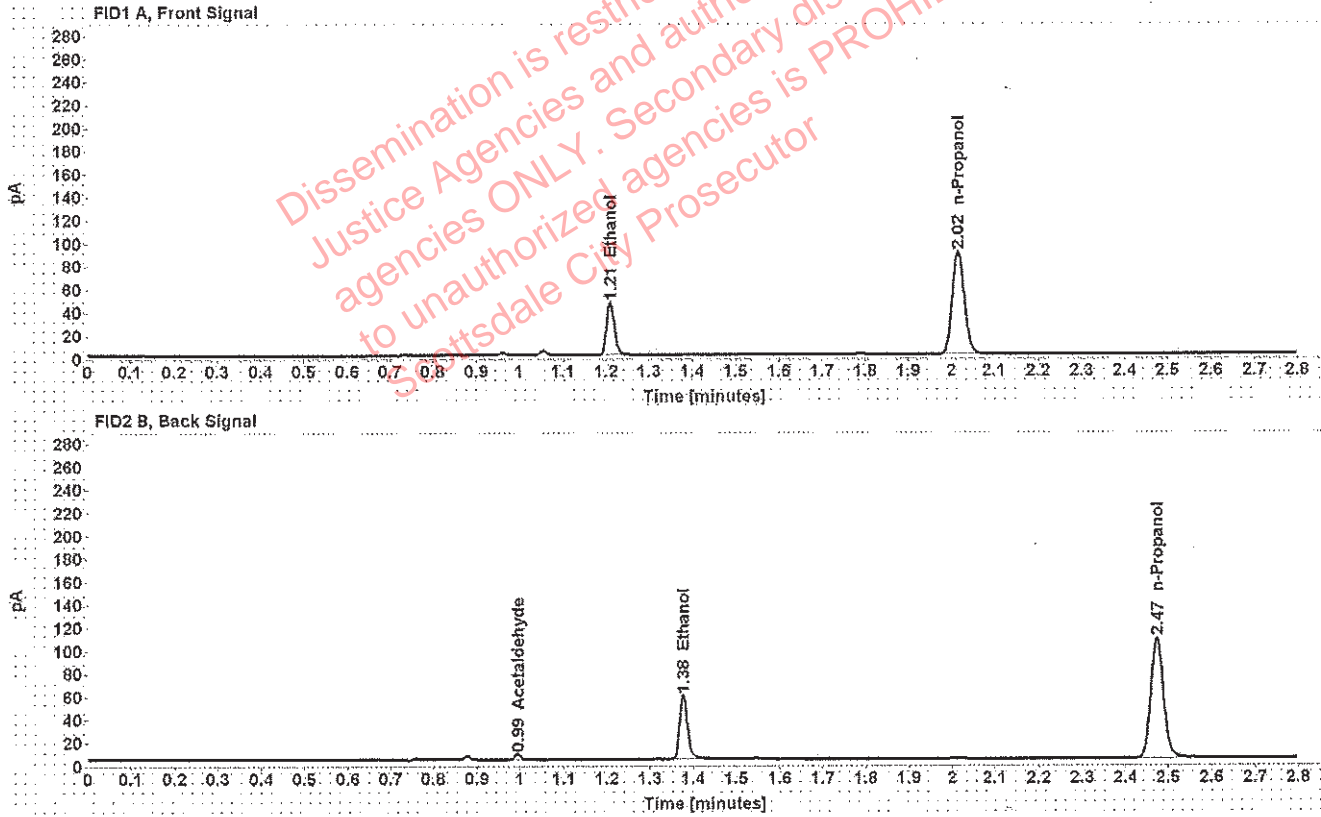


Table 1: FID 1 A (column DB-ALC1)

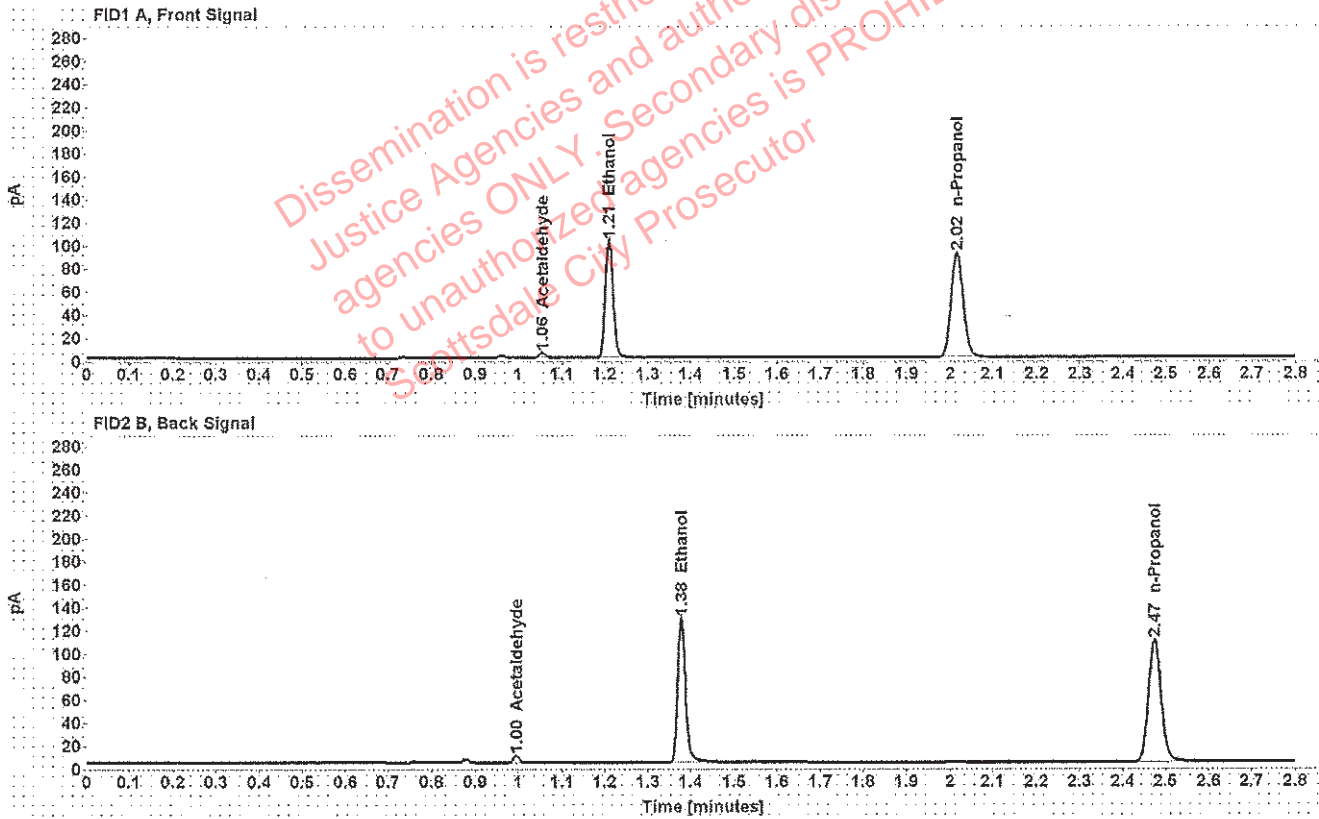
Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0930	1.210	58.205
n-Propanol	-----	2.015	177.620

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.828
Ethanol	1.377	70.814
n-Propanol	2.474	215.331

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1239100
Injection date:	11/6/2018 7:24:37 PM	Vial:	60
Method:	ethanol quant.M	Sequence:	6Nov18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\6Nov18\60.D		



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

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.359
>Ethanol	0.2028	1.210	130.120
n-Propanol	-----	2.016	180.423

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.692
Ethanol	1.378	180.490
n-Propanol	2.475	218.761

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1239100
Injection date: 11/6/2018 7:28:52 PM	Vial: 61
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\61.D	

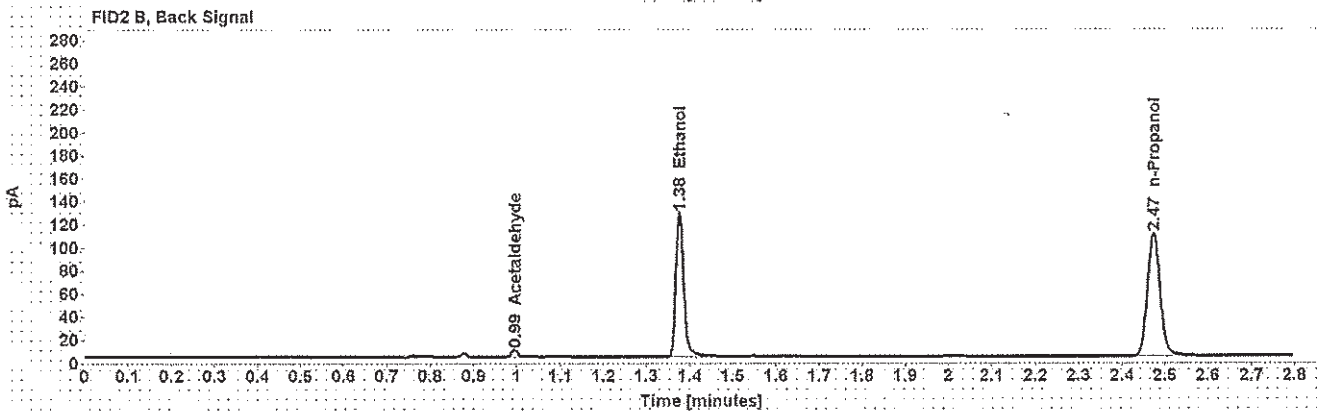
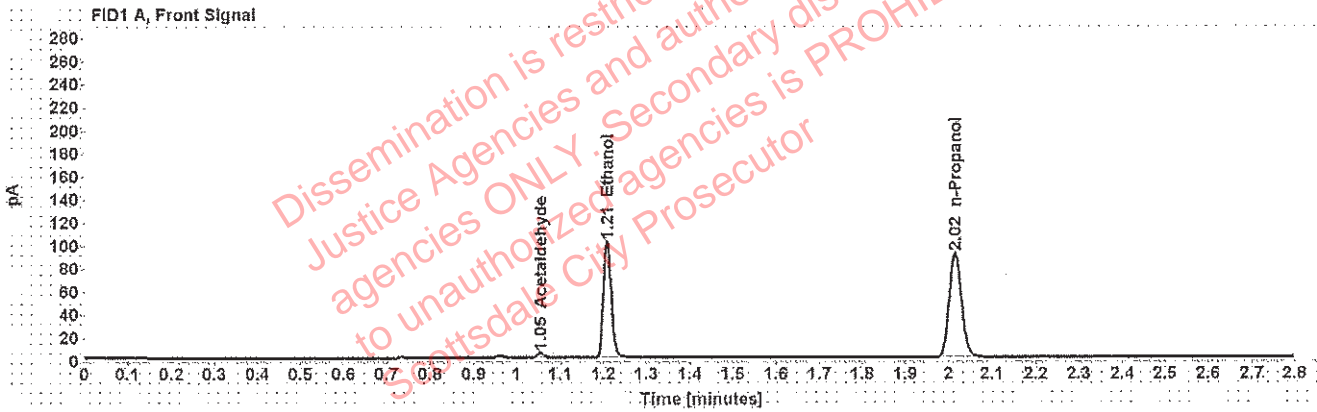


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.477
>Ethanol	0.2009	1.209	128.713
n-Propanol	-----	2.015	180.129

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.879
Ethanol	1.377	160.477
n-Propanol	2.473	219.407

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1239093
Injection date: 11/6/2018 7:32:52 PM	Vial: 62
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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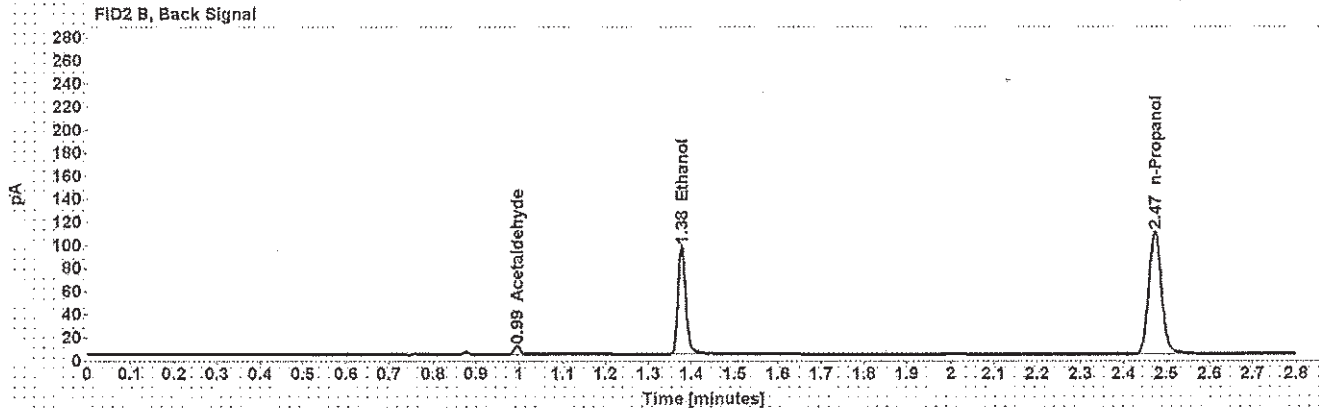
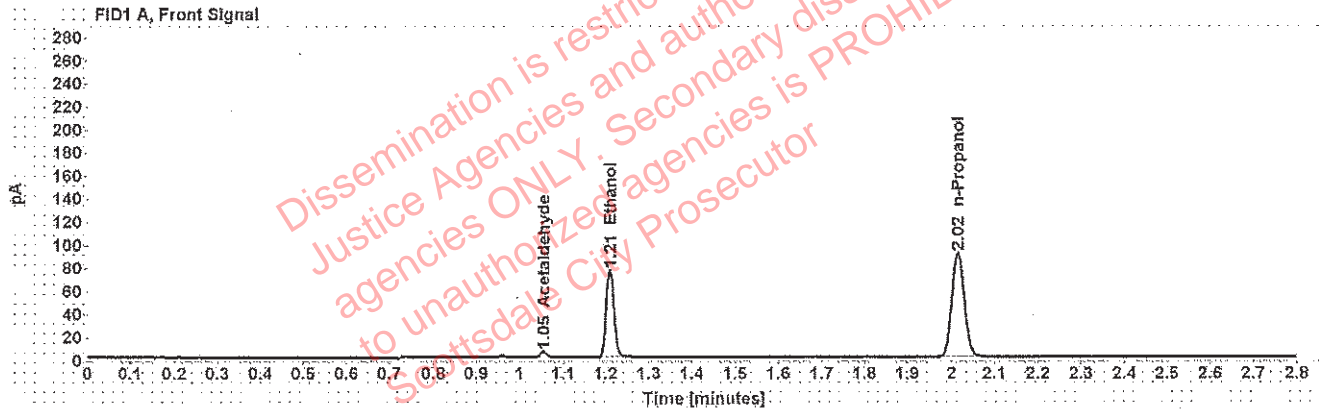


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.011
>Ethanol	0.1516	1.209	97.200
n-Propanol	-----	2.015	180.756

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.563
Ethanol	1.377	120.091
n-Propanol	2.473	219.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1239093
Injection date: 11/6/2018 7:36:51 PM	Vial: 63
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
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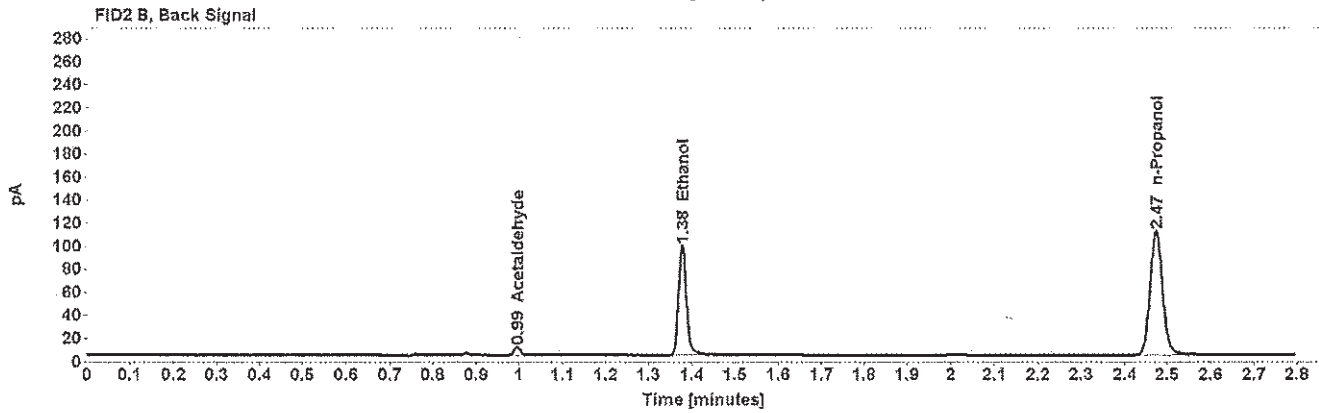
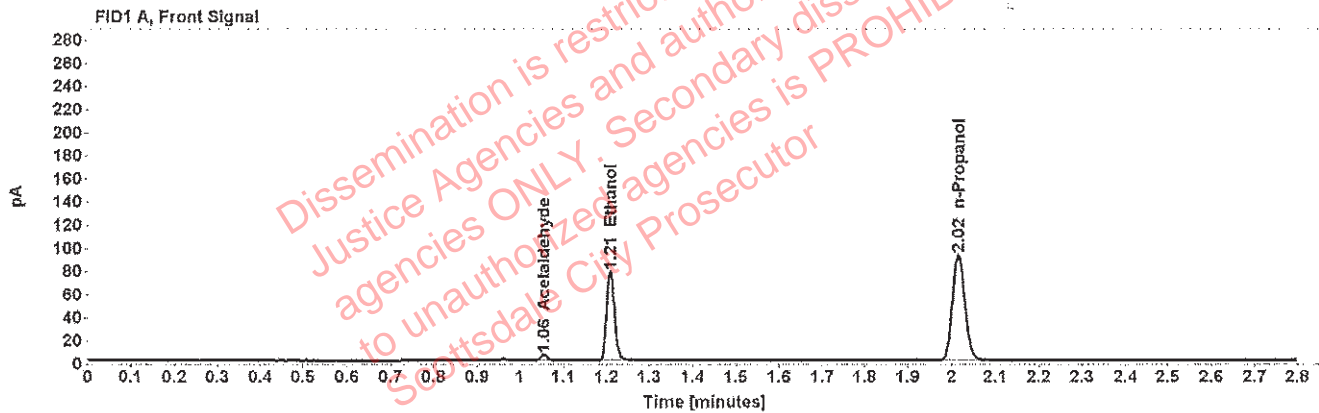


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.028
>Ethanol	0.1521	1.209	98.626
n-Propanol	-----	2.015	182.728

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.581
Ethanol	1.377	121.870
n-Propanol	2.474	222.019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1217357
Injection date: 11/6/2018 7:44:52 PM	Vial: 65
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\65.D	

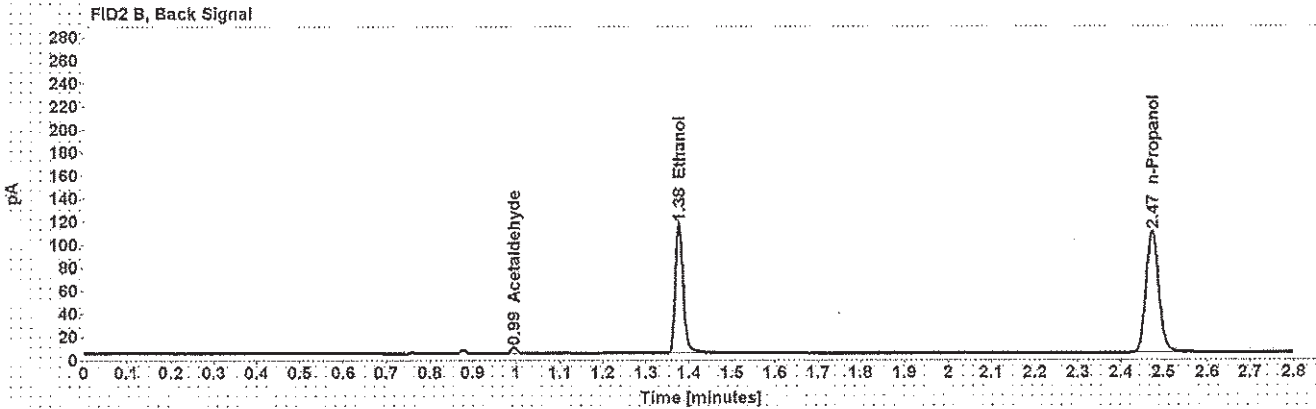
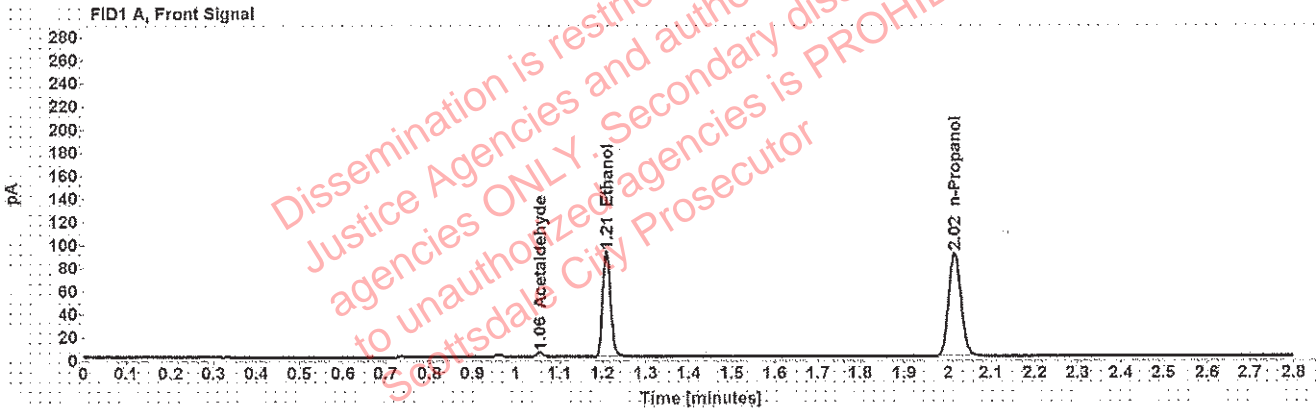


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.893
>Ethanol	0.1825	1.209	116.586
n-Propanol	-----	2.015	179.782

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.127
Ethanol	1.377	144.003
n-Propanol	2.474	218.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1217357
Injection date: 11/6/2018 7:48:52 PM	Vial: 66
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\66.D	

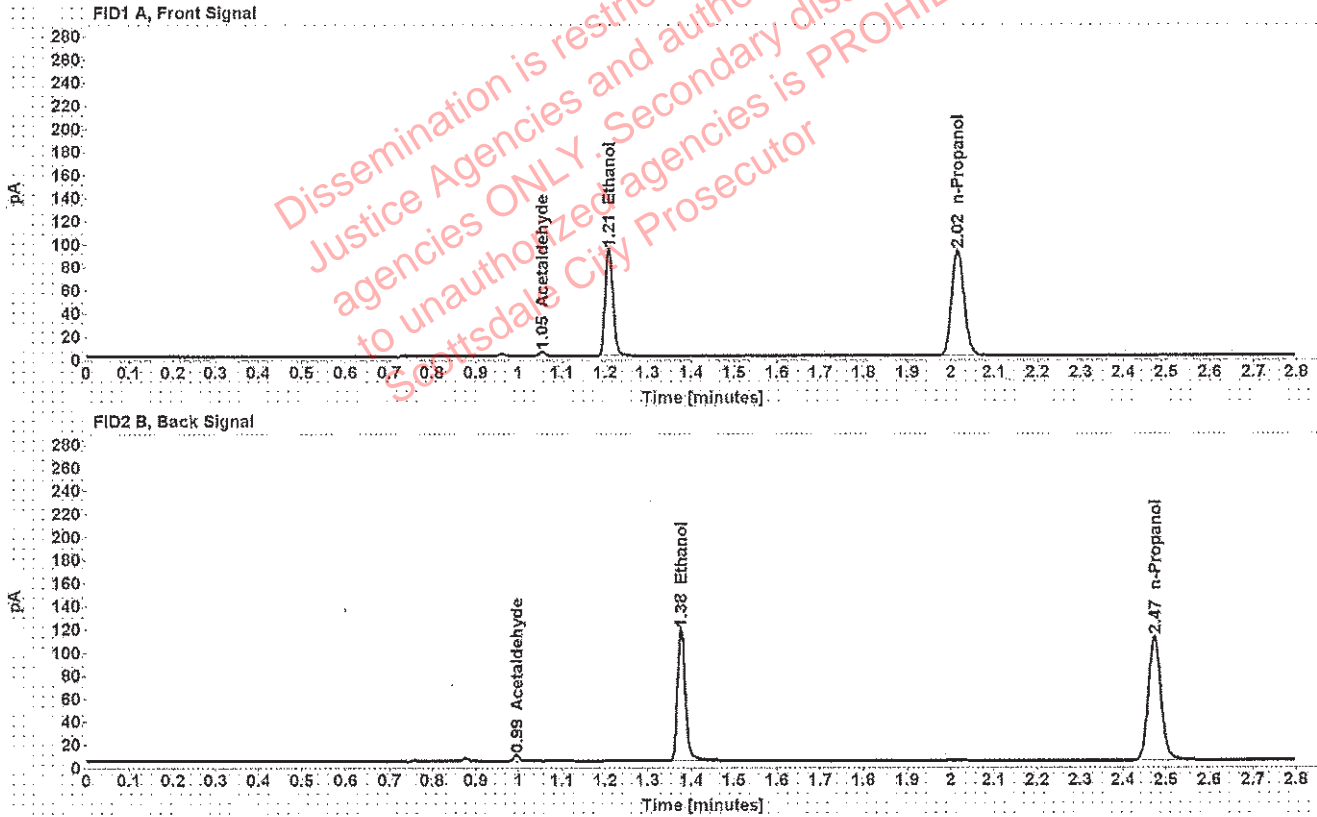


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.984
>Ethanol	0.1825	1.209	118.183
n-Propanol	-----	2.015	182.247

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	5.222
Ethanol	1.377	146.150
n-Propanol	2.473	221.418

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 351-01A
Injection date: 11/6/2018 7:53:06 PM	Vial: 67
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\67.D	

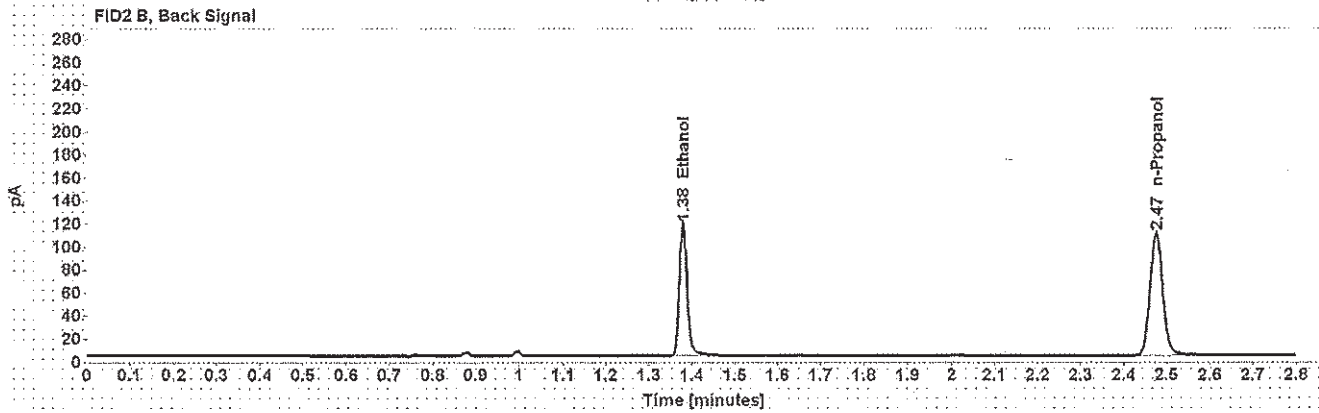
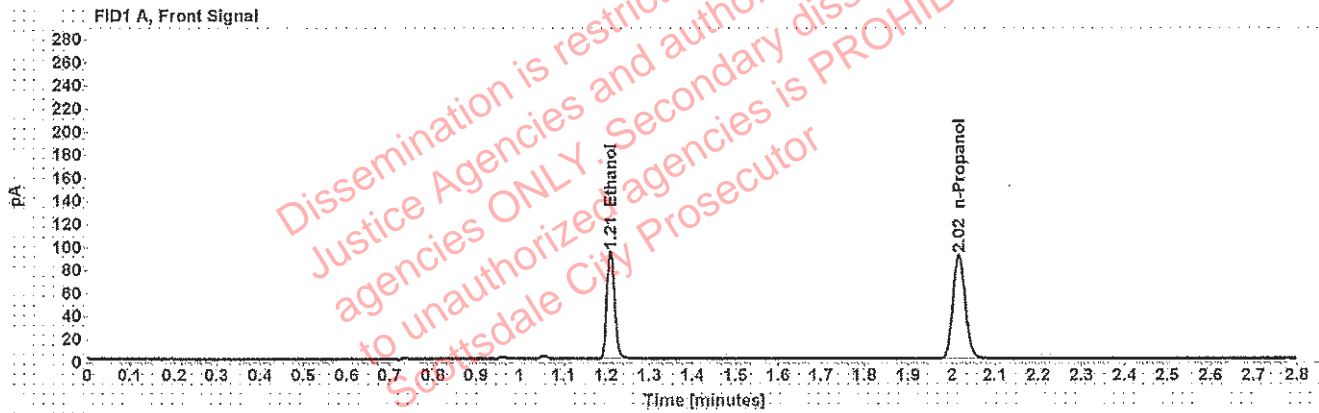


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1864	1.210	119.882
n-Propanol	-----	2.016	180.966

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

Compound	Time (min)	Peak Area
Ethanol	1.379	147.930
n-Propanol	2.475	219.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 351-01A
Injection date: 11/6/2018 7:57:06 PM	Vial: 68
Method: ethanol quant.M	Sequence: 6Nov18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\6Nov18\68.D	

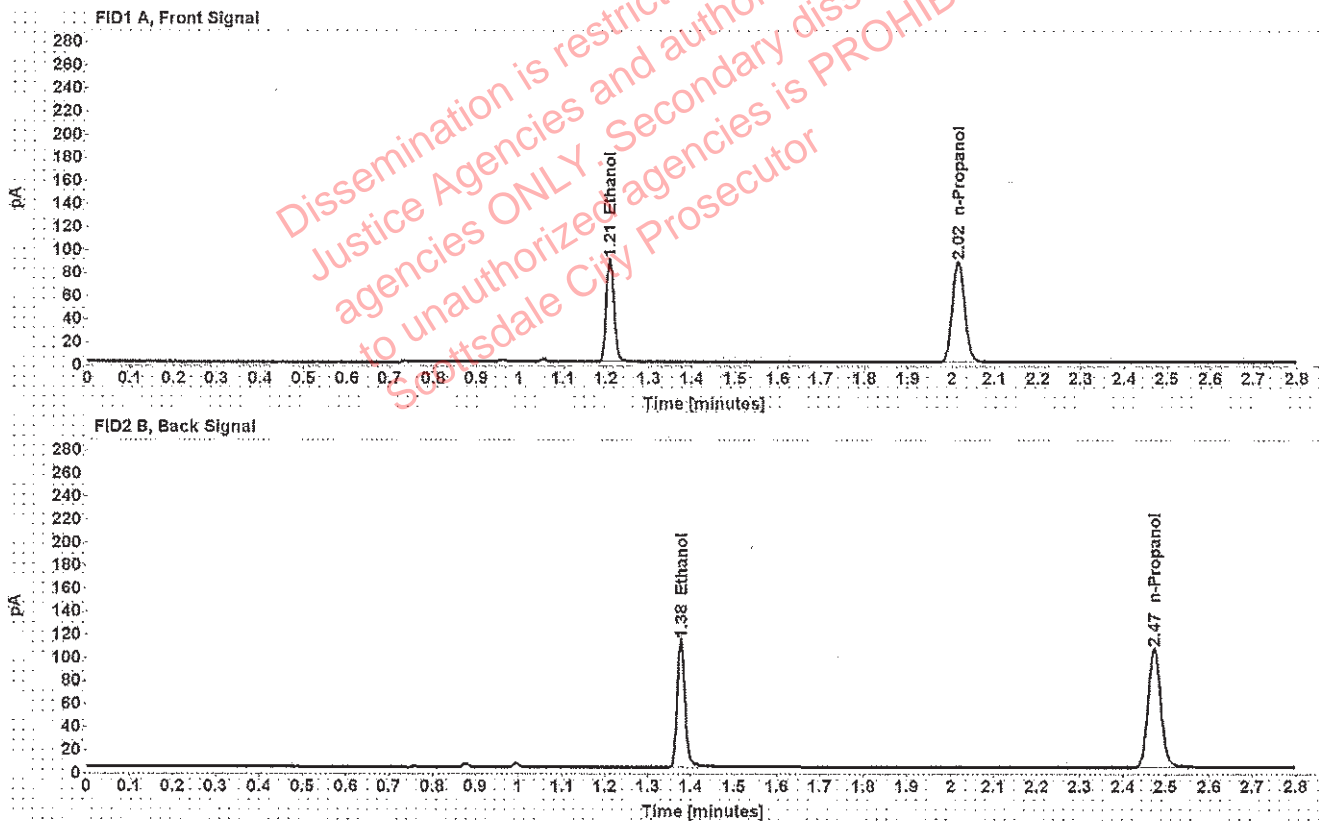


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1830	1.209	113.789
n-Propanol	-----	2.015	174.974

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

Compound	Time (min)	Peak Area
Ethanol	1.377	140.772
n-Propanol	2.473	212.286