

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 2/13/2018 SEQUENCE NAME 13Feb18

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 010318
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.406 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	0.200 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.153 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
51	Aqueous control	0.400 g/dL	0.411 g/dL	Lipomed 08012015-C
52	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 09022015-A
53	Blood control	0.198 g/dL	0.203 g/dL	ACQ 407041529/3
54	Blank	Not detected	Not detected	SPD lab 010318

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid WABIS70 2/14/18 Analyst
 Run valid Run invalid KOSECKI 2/14/18 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

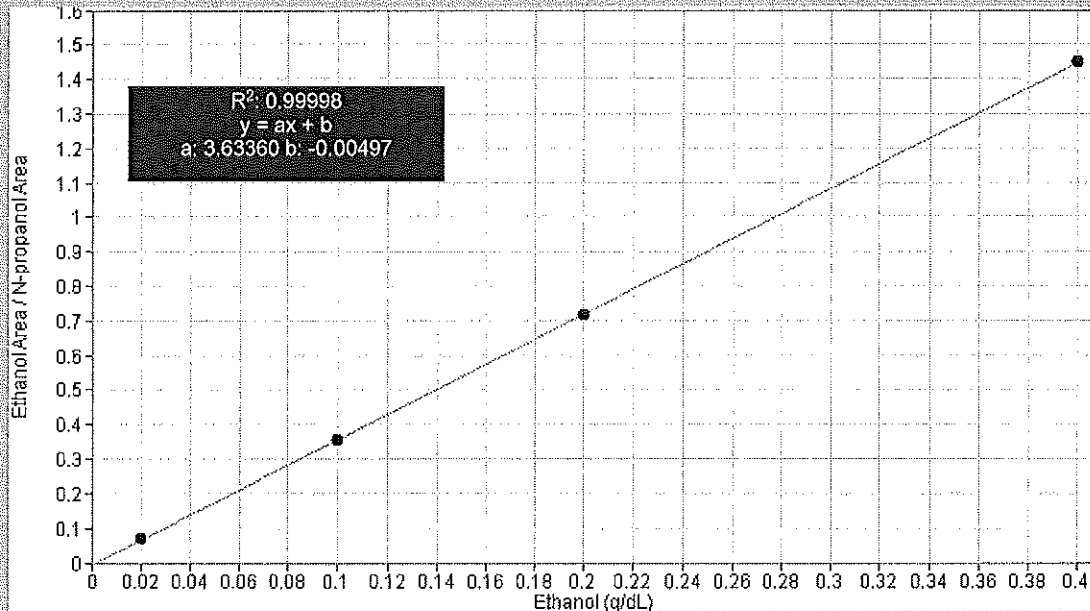
SEQUENCE NAME: 13Feb18

ANALYST: Adrian WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010318	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.406	0.400	1.50	0.006
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	9	0.200	0.198	1.01	0.002
0.080 Lipomed 28082014-B	20	0.082	0.080	2.50	0.002
0.150 Lipomed 09022015-C	31	0.153	0.150	2.00	0.003
0.198 ACQ 407041529/3	42	0.201	0.198	1.52	0.003
0.40 Lipomed 08012015-C	51	0.411	0.400	2.75	0.011
0.04 Lipomed 09022015-A	52	0.041	0.040	2.50	0.001
0.198 ACQ 407041529/3	53	0.203	0.198	2.53	0.005
blank 010318	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.231	173.215	0.071
0.100	62.647	175.848	0.356
0.200	125.409	174.316	0.719
0.400	253.709	174.970	1.450

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

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 Scottsdale City Prosecutor

WA

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 2/13/2018 8:56:42 AM	Vial: 1
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\1.D	

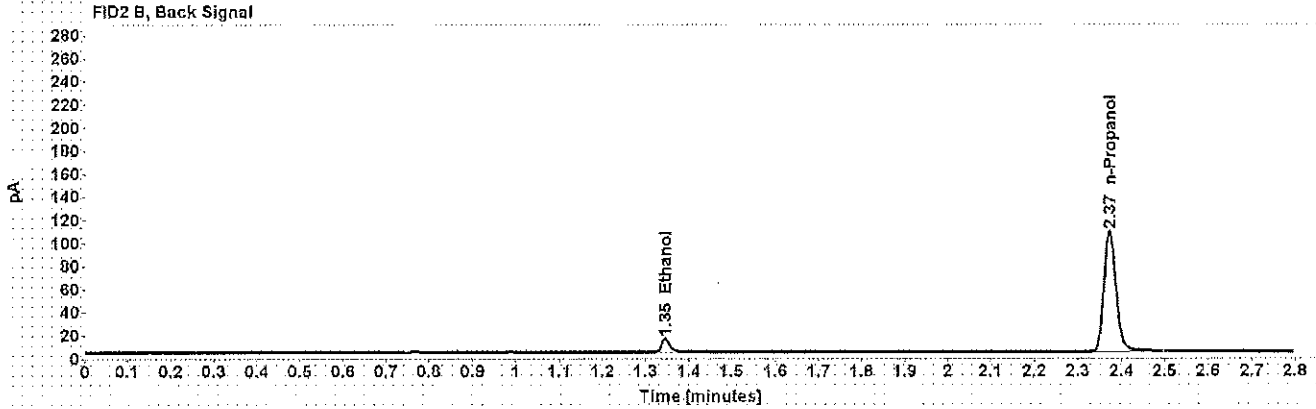
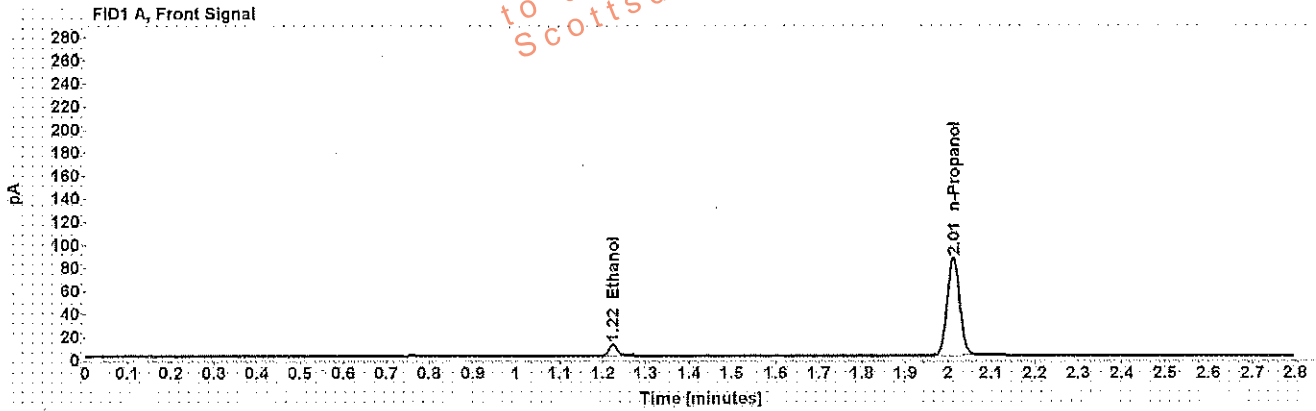


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	12.231
n-Propanol	2.011	173.215

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

Compound	Time (min)	Peak Area
Ethanol	1.345	14.040
n-Propanol	2.373	200.736

Scottsdale Police Department Crime Lab Volatiles Analysis

W4

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 2/13/2018 9:00:41 AM	Vial: 2
Method: ethanol quant M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\2.D	

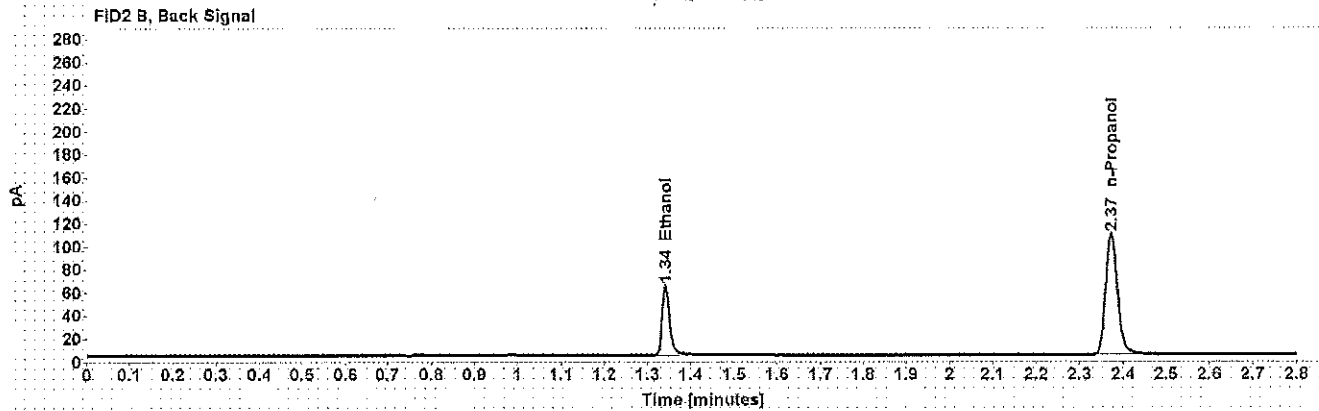
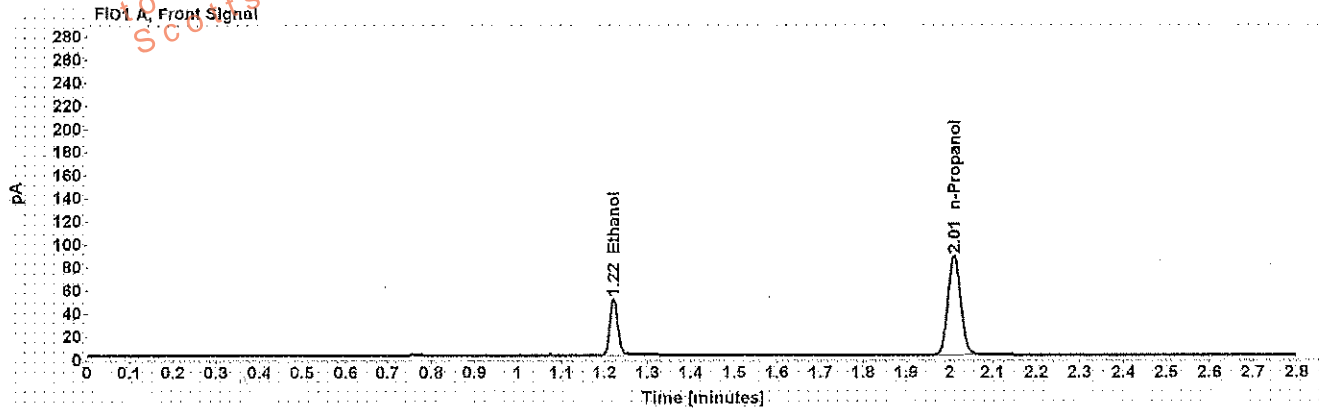


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	62.647
n-Propanol	2.011	175.848

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

Compound	Time (min)	Peak Area
Ethanol	1.341	74.166
n-Propanol	2.372	203.427

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 2/13/2018 9:04:42 AM	Vial: 3
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\3.D	

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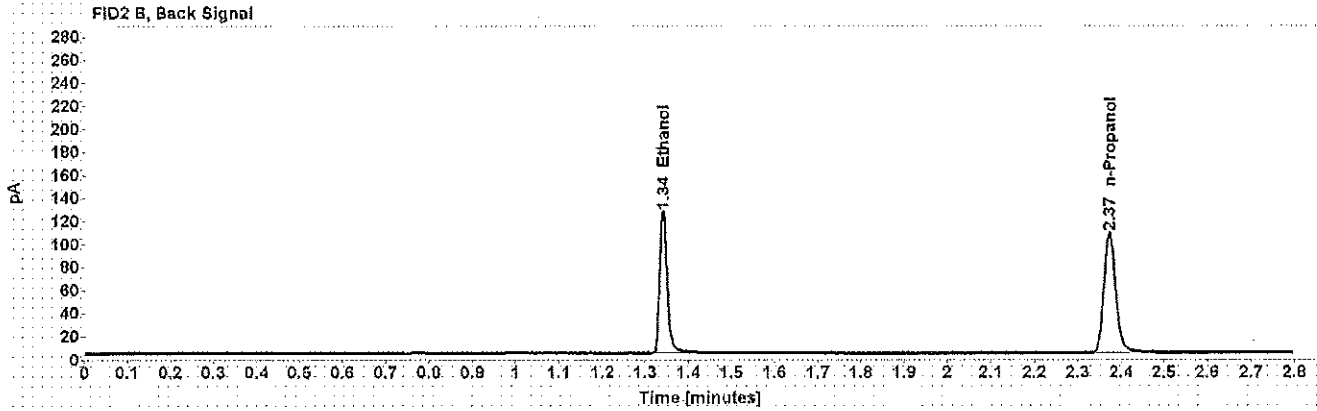
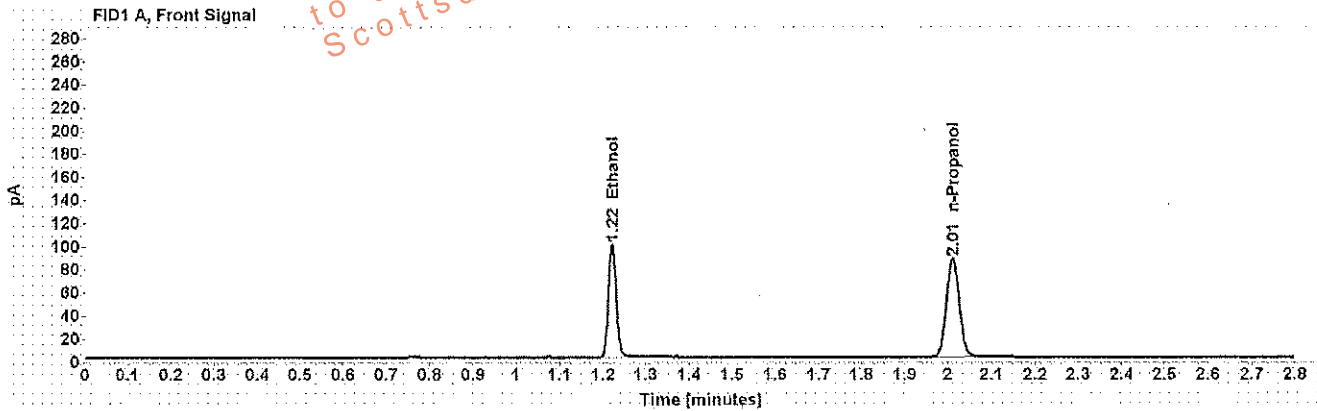


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	125.409
n-Propanol	2.011	174.316

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

Compound	Time (min)	Peak Area
Ethanol	1.341	148.992
n-Propanol	2.373	201.658

Scottsdale Police Department Crime Lab Volatiles Analysis

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LM4

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 2/13/2018 9:08:42 AM	Vial: 4
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\4.D	

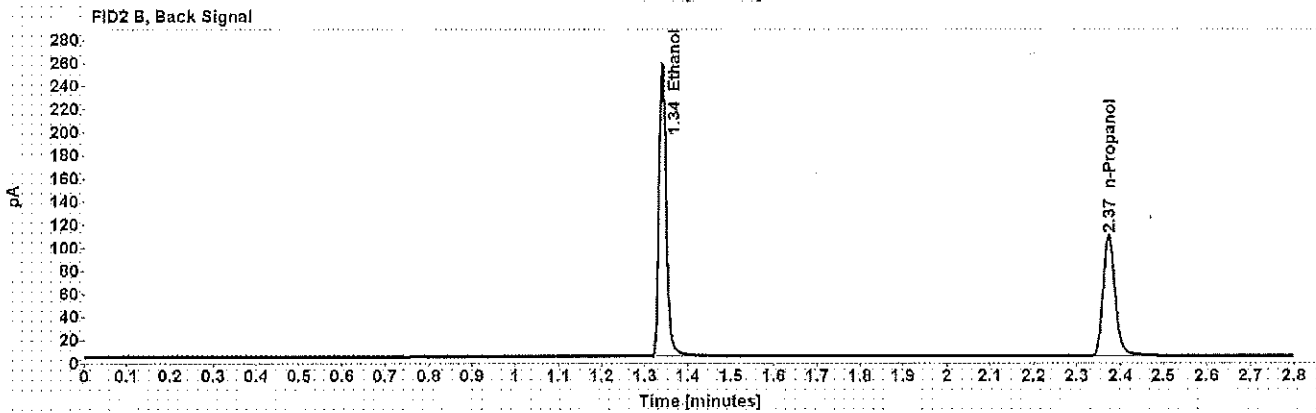
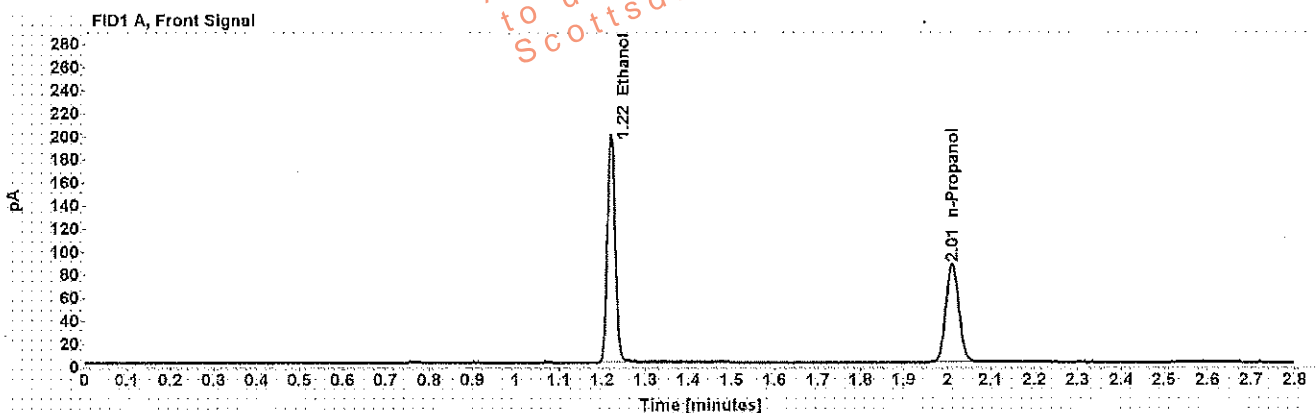


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	253.709
n-Propanol	2.011	174.970

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

Compound	Time (min)	Peak Area
Ethanol	1.341	303.708
n-Propanol	2.373	202.848

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 010318	Item number:
Injection date: 2/13/2018 9:12:41 AM	Vial: 5
Method: ethanol quant M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\5.D	

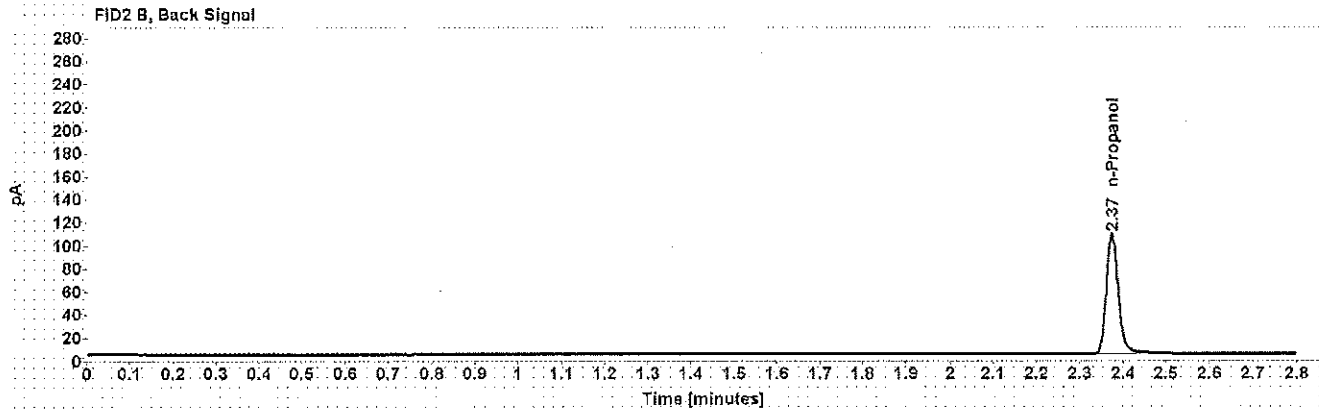
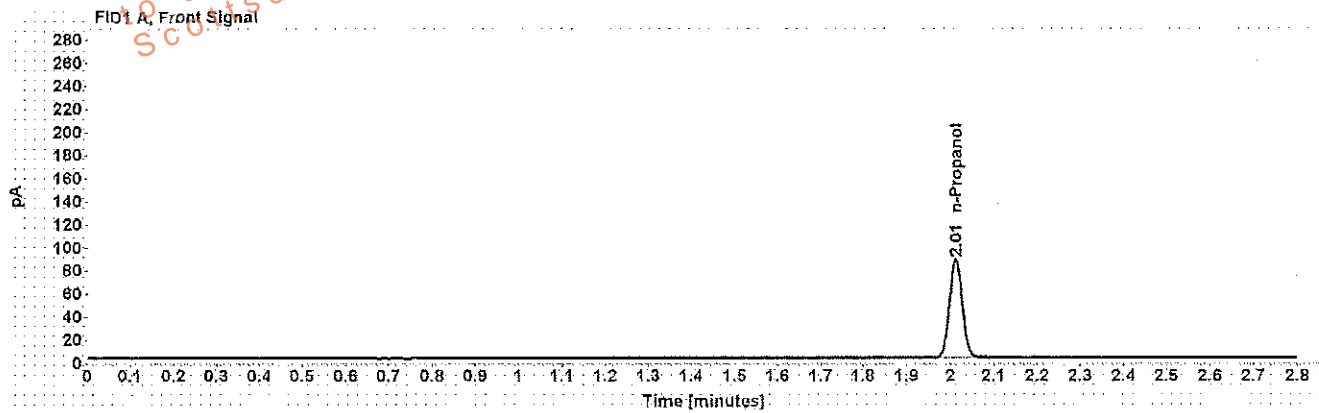


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	174.676

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

Compound	Time (min)	Peak Area
n-Propanol	2.374	201.439

Scottsdale Police Department Crime Lab Volatiles Analysis

W4

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 2/13/2018 9:16:41 AM	Vial: 6
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\6.D	

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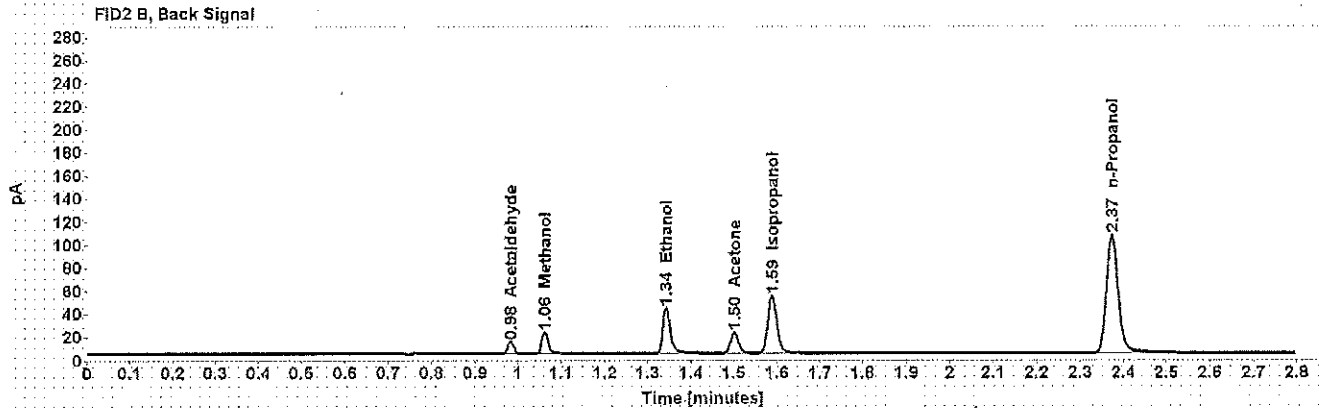
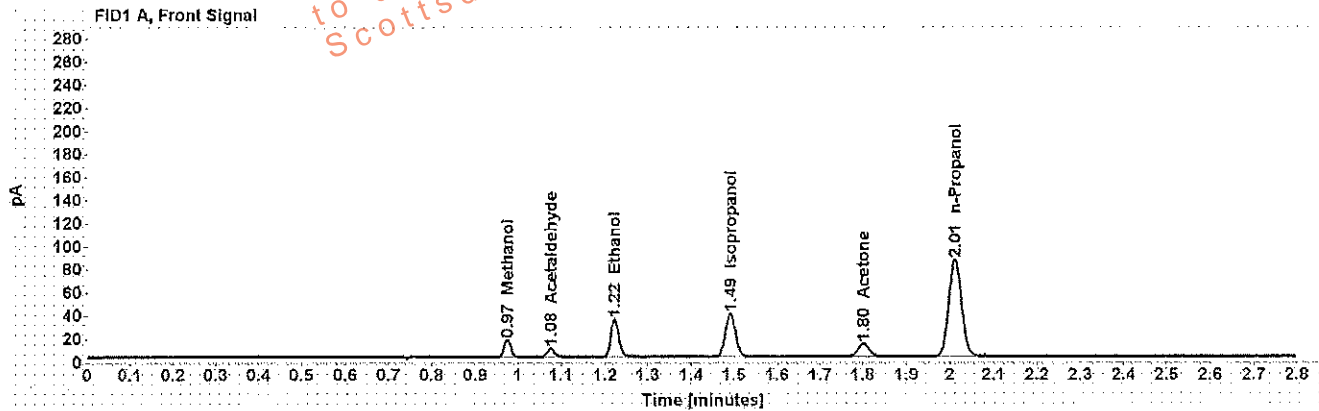


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.974	16.433
Acetaldehyde	-----	1.076	7.902
>Ethanol	0.0685	1.222	41.946
Isopropanol	-----	1.491	61.138
Acetone	-----	1.801	19.827
n-Propanol	-----	2.011	171.953

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	9.880
Methanol	1.062	19.548
Ethanol	1.343	48.960
Acetone	1.500	22.591
Isopropanol	1.588	73.141
n-Propanol	2.373	198.769

Scottsdale Police Department Crime Lab Volatiles Analysis

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WAF

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 2/13/2018 9:20:56 AM	Vial: 7
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\7.D	

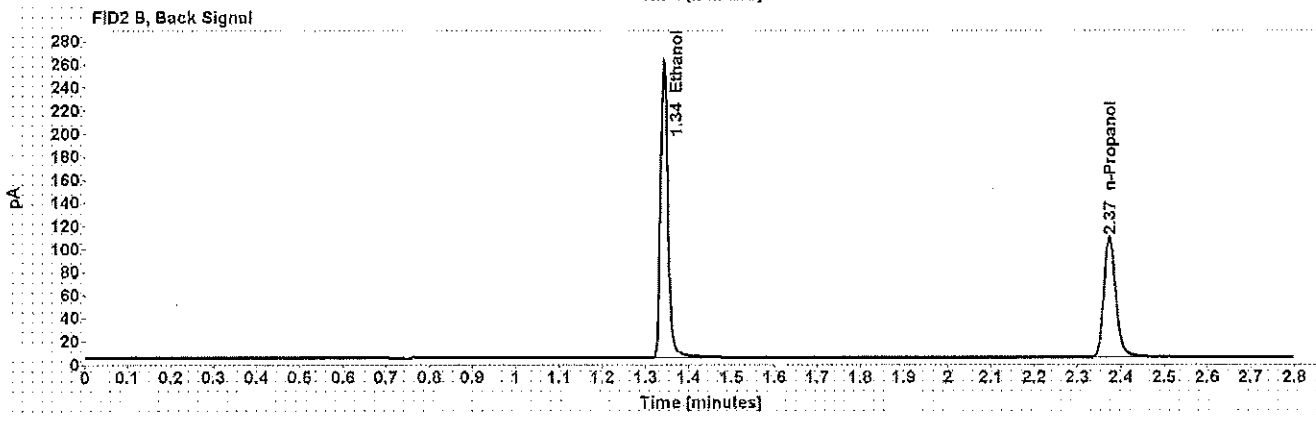
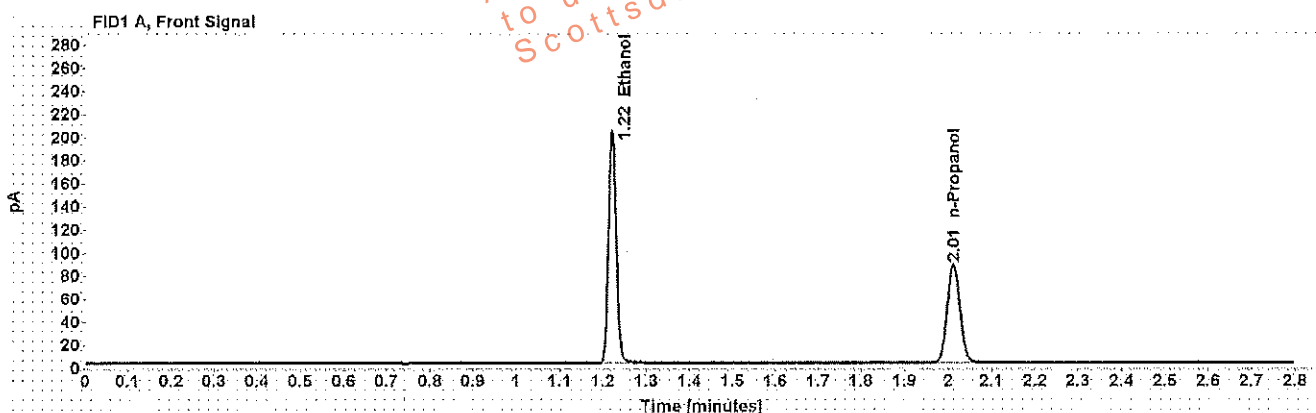


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4063	1.222	257.520
n-Propanol	-----	2.012	175.025

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

Compound	Time (min)	Peak Area
Ethanol	1.342	307.588
n-Propanol	2.374	202.692

Scottsdale Police Department Crime Lab Volatiles Analysis

W/A

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 2/13/2018 9:24:56 AM	Vial: 8
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\8.D	

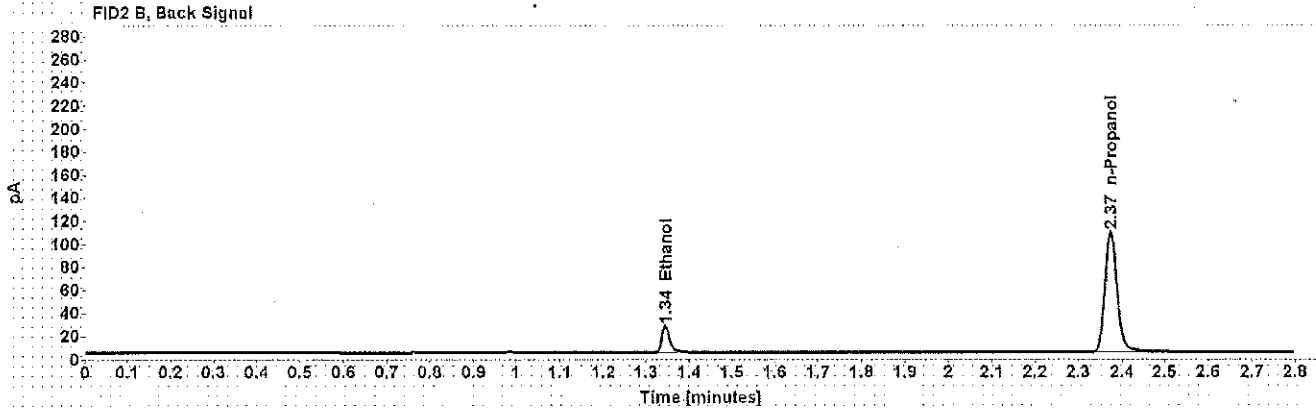
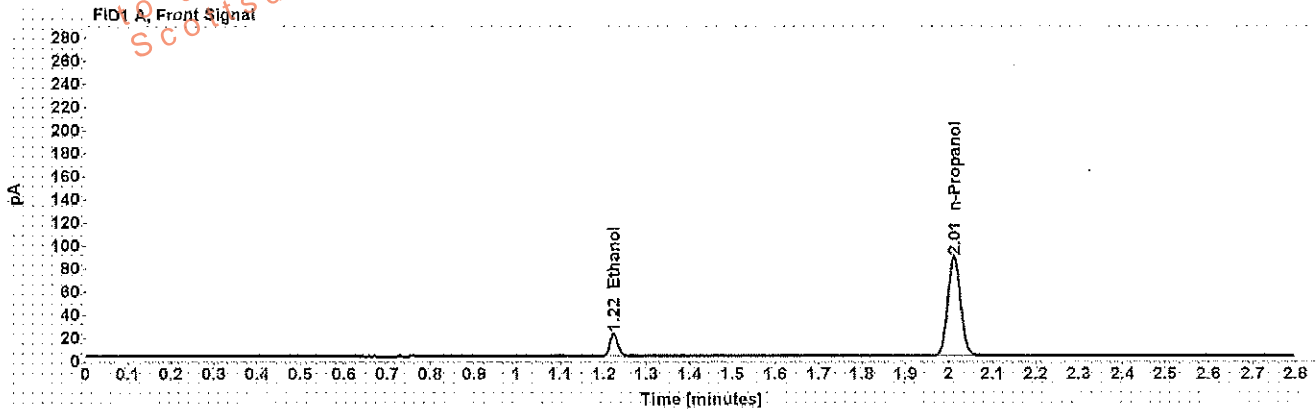


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0403	1.223	24.850
n-Propanol	-----	2.012	175.447

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

Compound	Time (min)	Peak Area
Ethanol	1.344	28.702
n-Propanol	2.374	202.861

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 2/13/2018 9:28:57 AM	Vial: 9
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\9.D	

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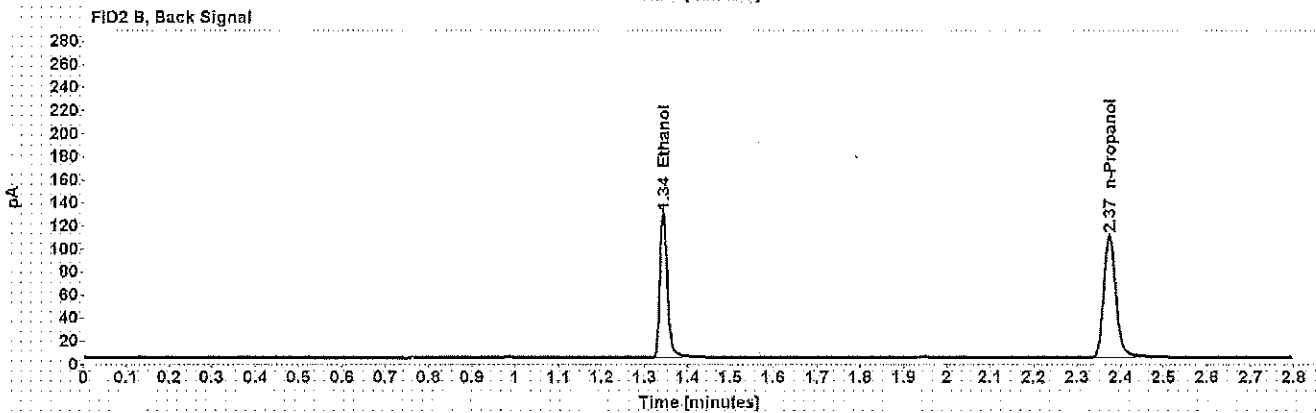
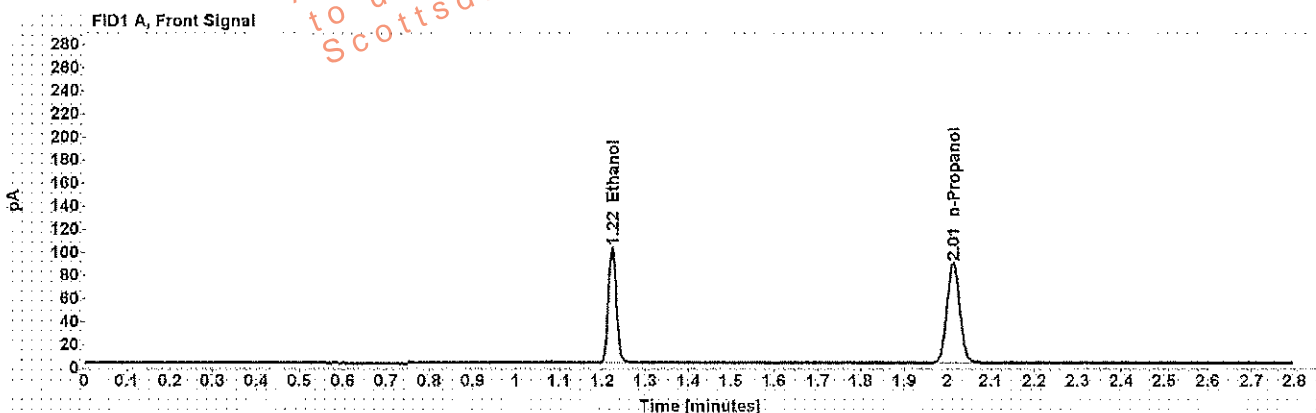


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2009	1.223	128.489
n-Propanol	-----	2.012	177.197

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

Compound	Time (min)	Peak Area
Ethanol	1.343	152.573
n-Propanol	2.375	205.457

Scottsdale Police Department Crime Lab Volatiles Analysis

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W4

Sample: 0.080 Lipomed 28082014-B	Item number: _____
Injection date: 2/13/2018 10:13:26 AM	Vial: 20
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\20.D	

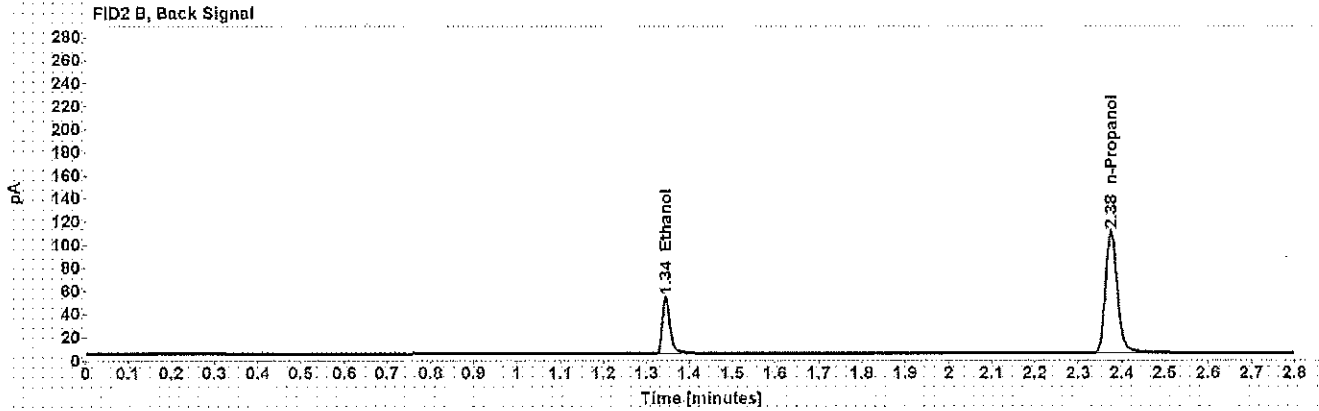
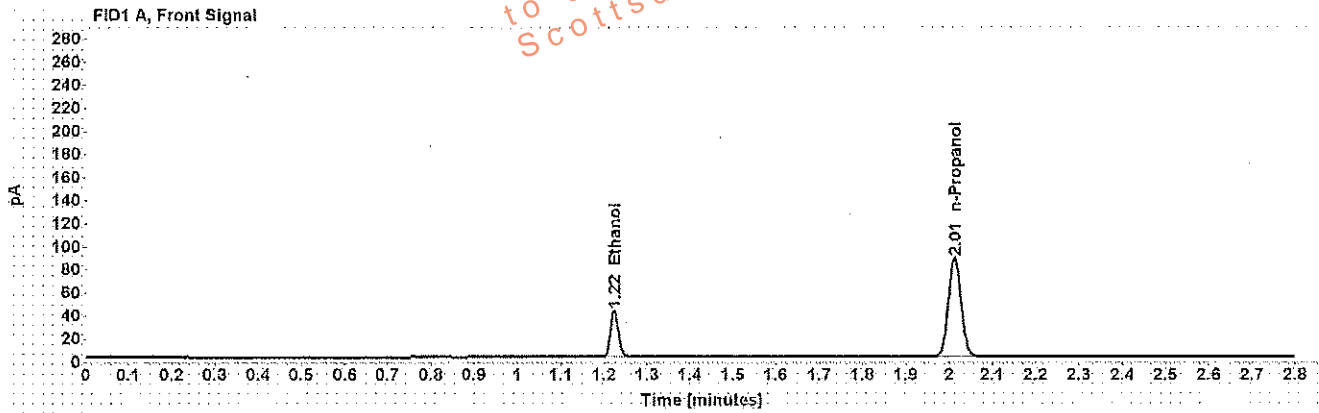


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0823	1.224	51.648
n-Propanol	-----	2.013	175.659

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

Compound	Time (min)	Peak Area
Ethanol	1.345	60.917
n-Propanol	2.375	204.324

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 2/13/2018 10:57:57 AM	Vial: 31
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\31.D	

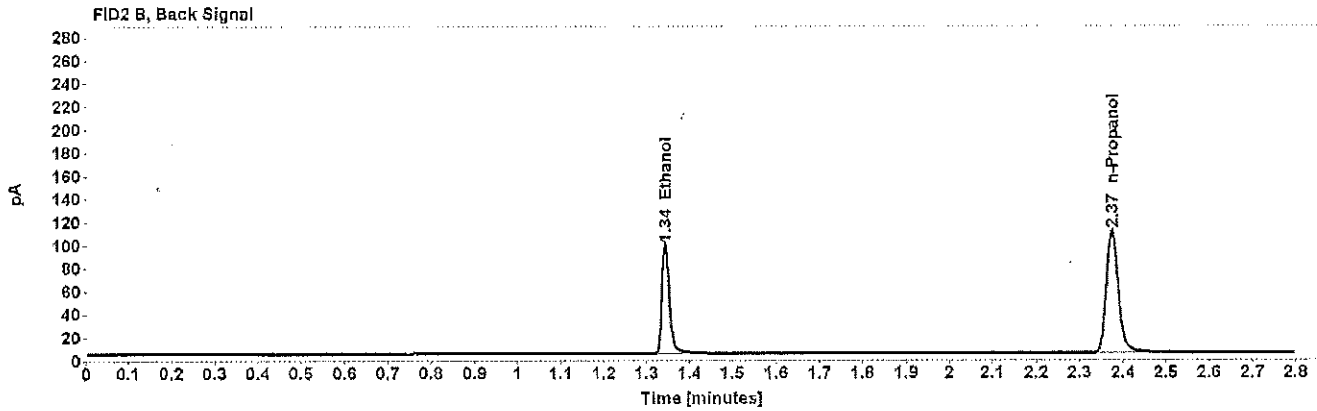
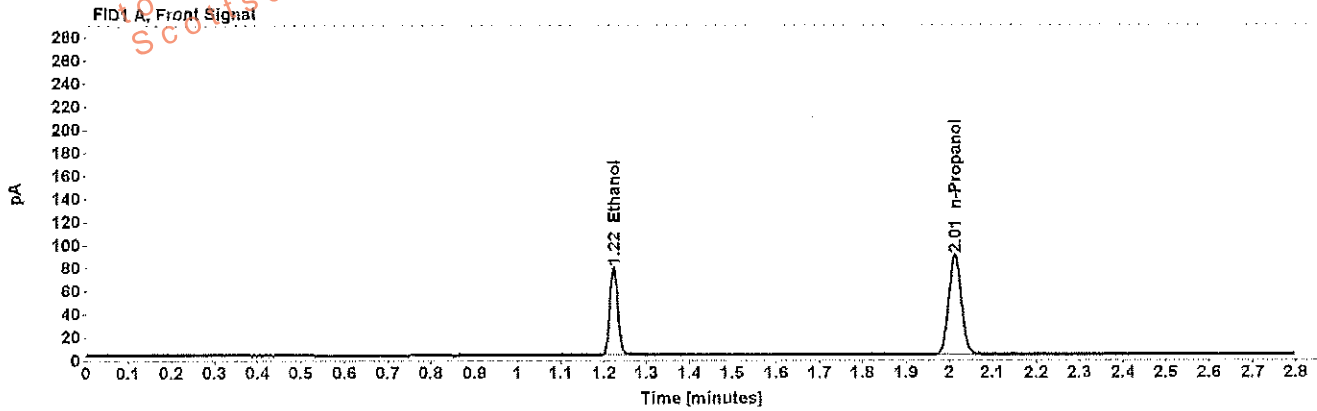


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1539	1.223	97.683
n-Propanol	-----	2.012	176.257

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

Compound	Time (min)	Peak Area
Ethanol	1.344	115.792
n-Propanol	2.375	205.637

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 2/13/2018 11:42:11 AM	Vial: 42
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
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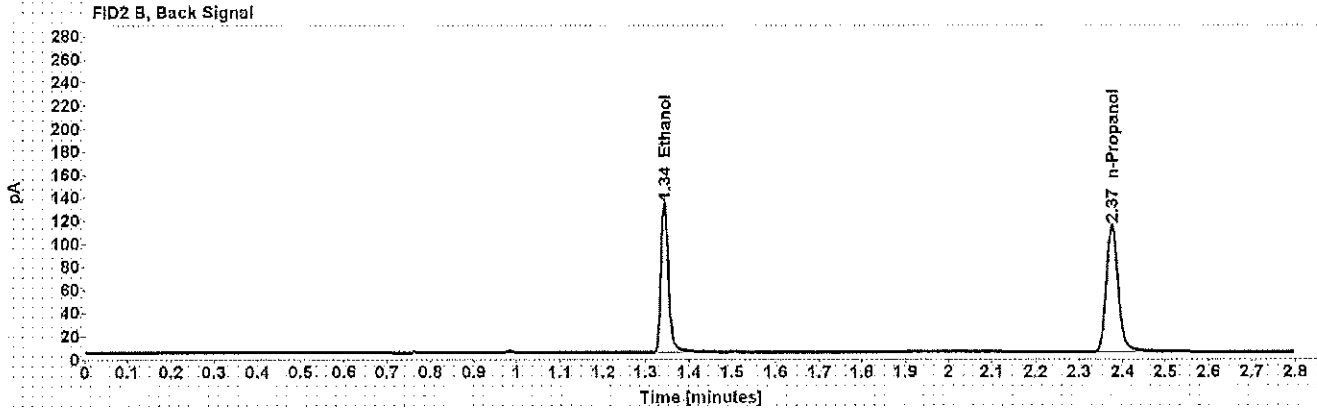
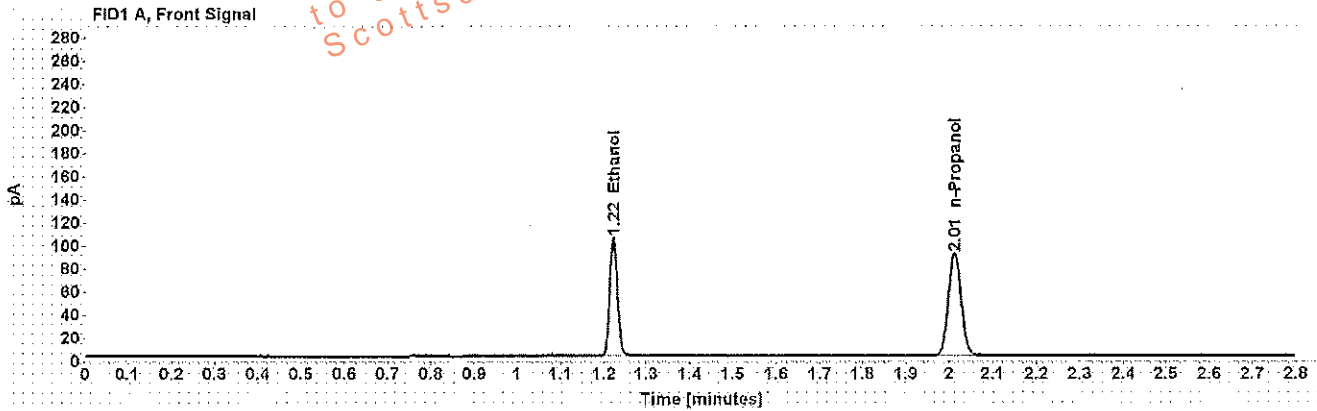


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.223	131.806
n-Propanol	-----	2.012	181.425

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

Compound	Time (min)	Peak Area
Ethanol	1.343	157.252
n-Propanol	2.375	212.551

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MA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 2/13/2018 12:18:42 PM	Vial: 51
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
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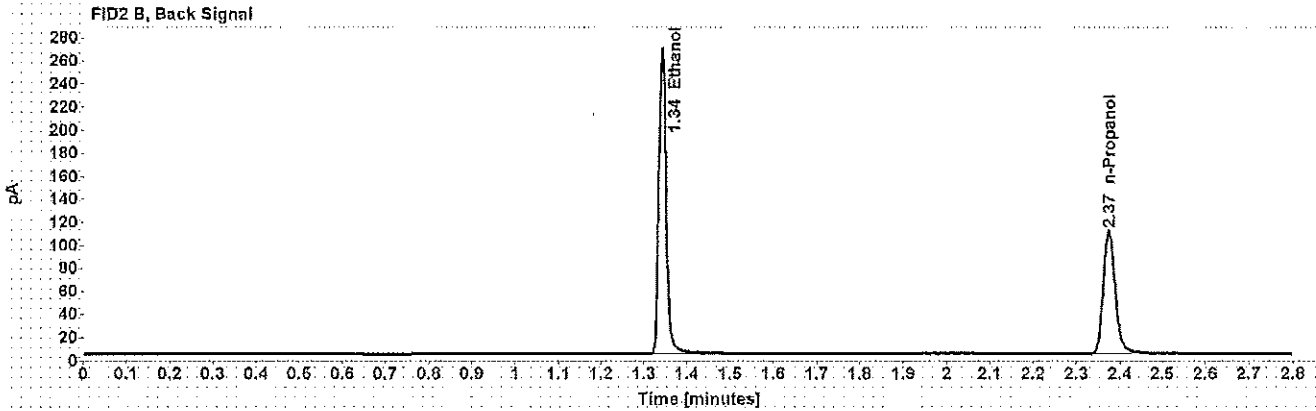
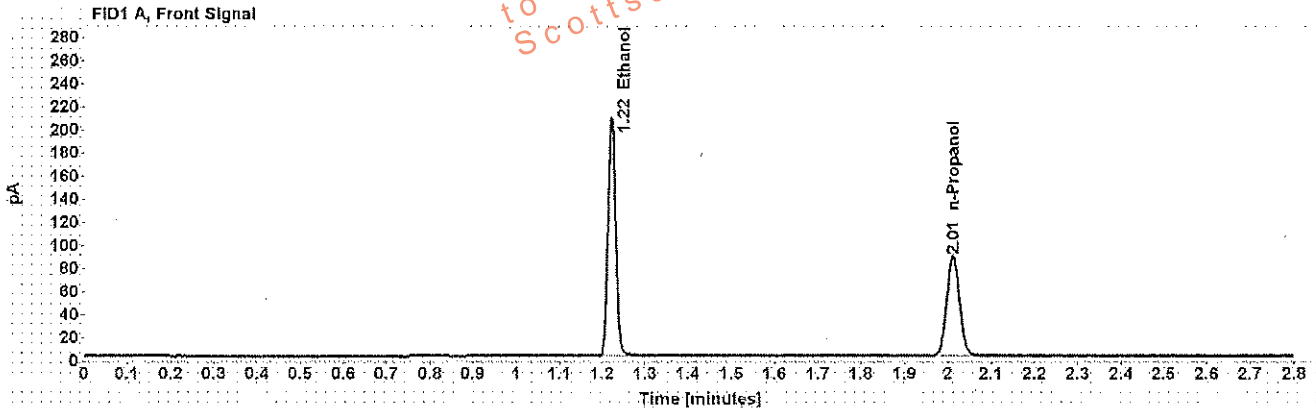


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4119	1.222	263.841
n-Propanol	-----	2.012	176.892

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

Compound	Time (min)	Peak Area
Ethanol	1.343	317.420
n-Propanol	2.375	207.485

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 2/13/2018 12:22:41 PM	Vial: 52
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
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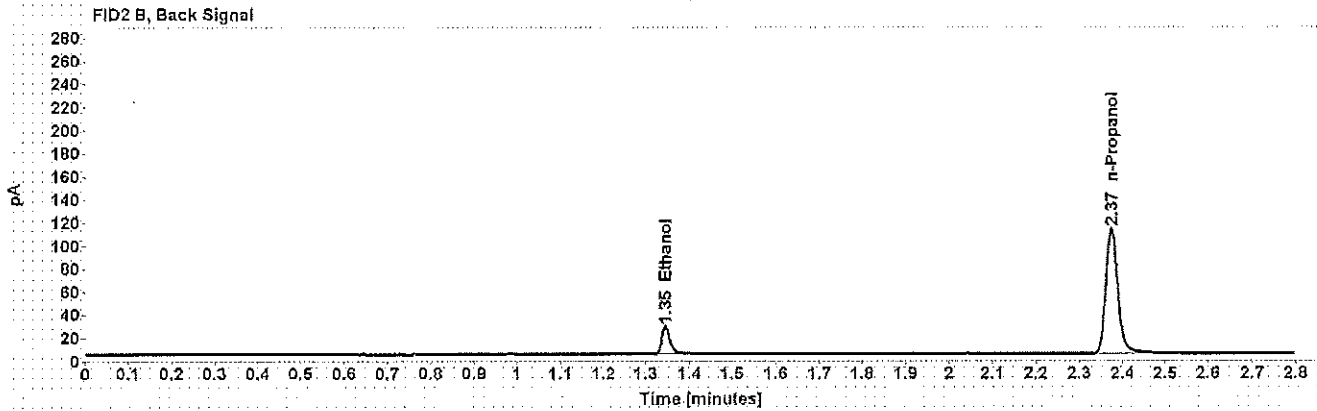
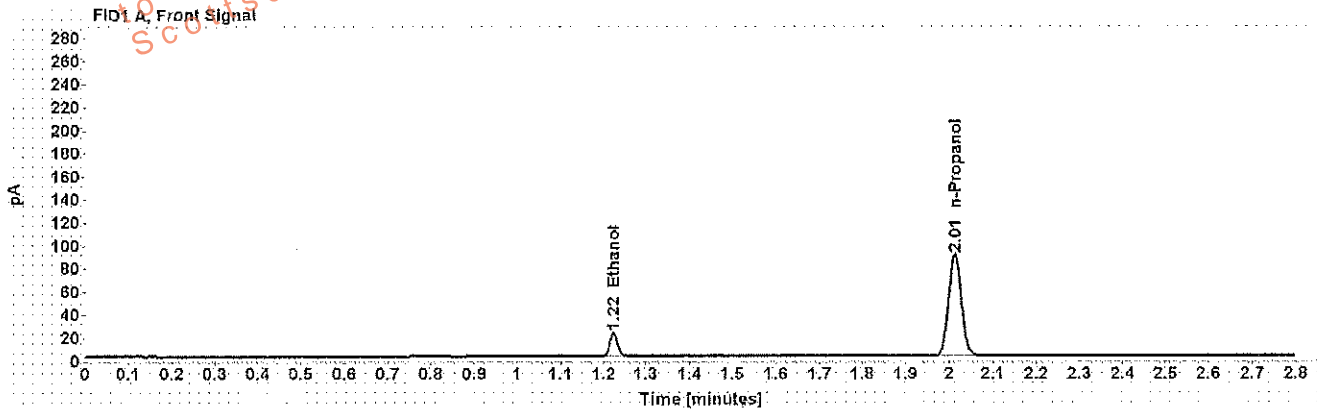


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.224	25.951
n-Propanol	-----	2.012	179.429

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

Compound	Time (min)	Peak Area
Ethanol	1.345	30.379
n-Propanol	2.375	210.392

Scottsdale Police Department Crime Lab Volatiles Analysis

MA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 2/13/2018 12:26:42 PM	Vial: 53
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
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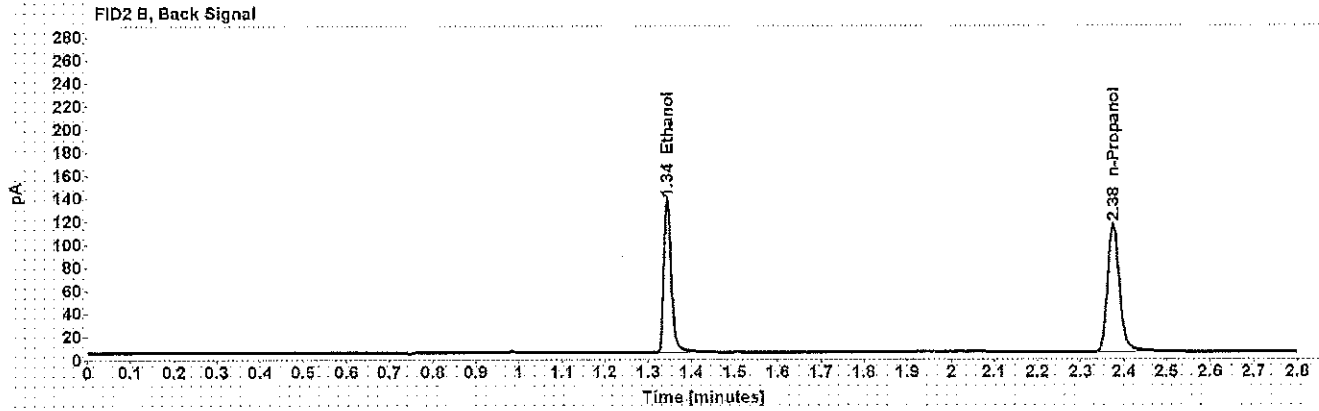
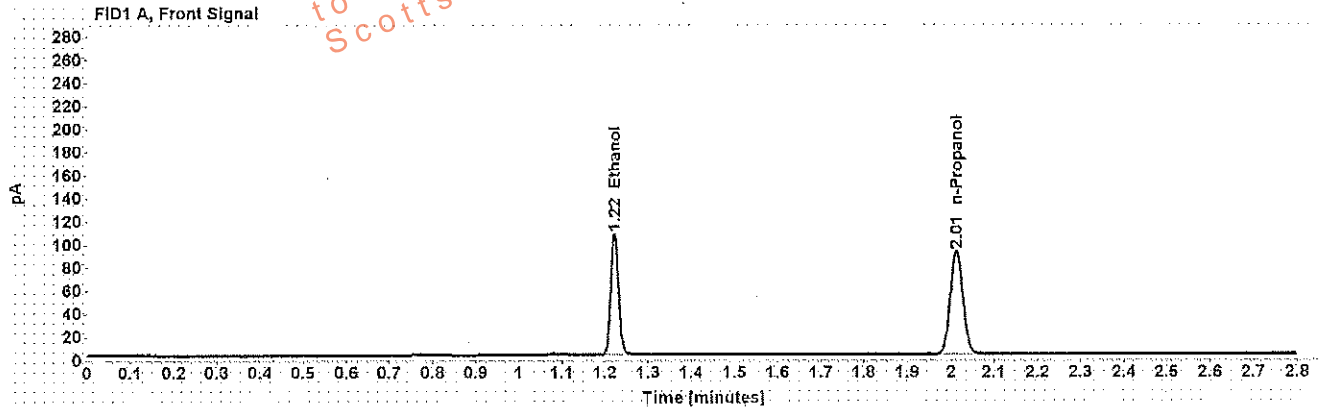


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.223	134.929
n-Propanol	-----	2.013	183.589

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

Compound	Time (min)	Peak Area
Ethanol	1.344	161.129
n-Propanol	2.375	215.518

Scottsdale Police Department Crime Lab Volatiles Analysis

44

Sample: blank 010318	Item number:
Injection date: 2/13/2018 12:30:41 PM	Vial: 54
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
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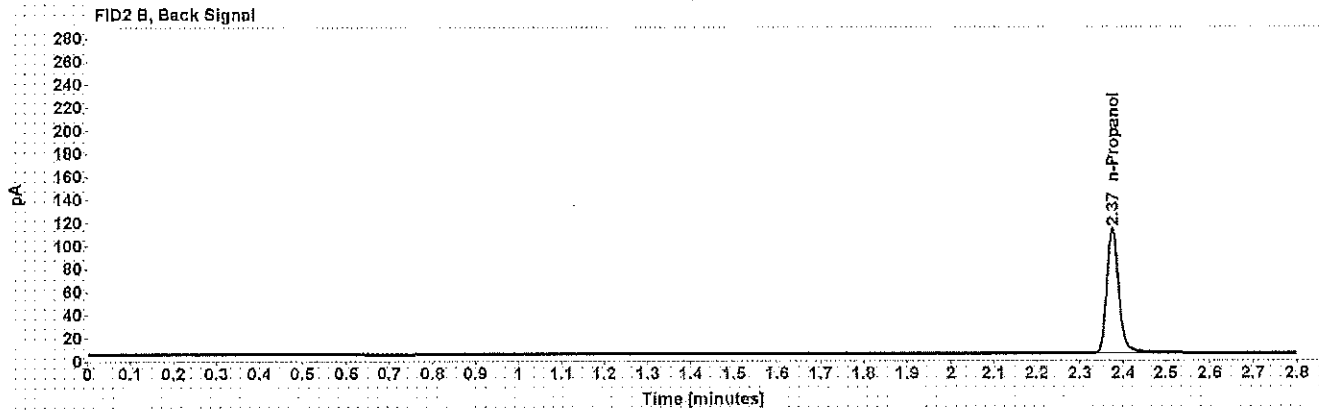
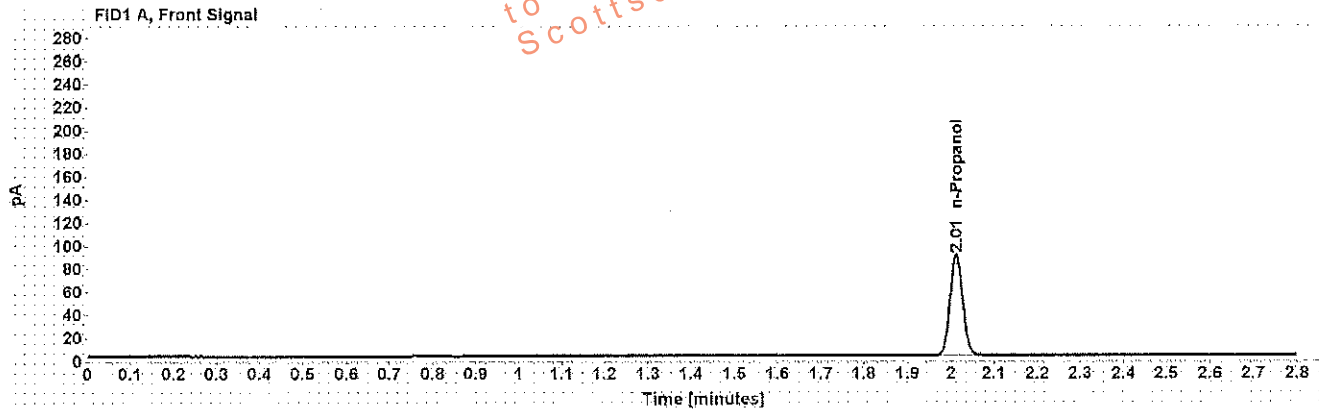


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	178.718

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	209.087

Sequence Summary

WA

Sequence name: 13Feb18 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 010318	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	1172771	ethanol quant.M
11		Sample	1172771	ethanol quant.M
12		Sample	1196142	ethanol quant.M
13		Sample	1196142	ethanol quant.M
14		Sample	1195647	ethanol quant.M
15		Sample	1195647	ethanol quant.M
16		Sample	1196409	ethanol quant.M
17		Sample	1196409	ethanol quant.M
18		Sample	1192792	ethanol quant.M
19		Sample	1192792	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1193790	ethanol quant.M
22		Sample	1193790	ethanol quant.M
23		Sample	1194684	ethanol quant.M
24		Sample	1194684	ethanol quant.M
25		Sample	331-01A	ethanol quant.M
26		Sample	331-01A	ethanol quant.M
27		Sample	1174659	ethanol quant.M
28		Sample	1174659	ethanol quant.M
29		Sample	1198586	ethanol quant.M
30		Sample	1198586	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1195972	ethanol quant.M
33		Sample	1195972	ethanol quant.M
34		Sample	1194657	ethanol quant.M
35		Sample	1194657	ethanol quant.M
36		Sample	1195963	ethanol quant.M
37		Sample	1195963	ethanol quant.M
38		Sample	1196135	ethanol quant.M
39		Sample	1196135	ethanol quant.M
40		Sample	1198044	ethanol quant.M
41		Sample	1198044	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1195977	ethanol quant.M
44		Sample	1195977	ethanol quant.M
45		Sample	1195809	ethanol quant.M
46		Sample	1195809	ethanol quant.M
47		Sample	1195936	ethanol quant.M

Sequence Summary

WA

48		Sample	1195936	ethanol quant.M
49		Sample	1194885	ethanol quant.M
50		Sample	1194885	ethanol quant.M
51	0.40 Lipomed 08012015-C	Control		ethanol quant.M
52	0.04 Lipomed 09022015-A	Control		ethanol quant.M
53	0.198 ACQ 407041529/3	Control		ethanol quant.M
54	blank 010318	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 13Feb18

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0924	0.0920	0.09220	0.22	0.00020
12 13	0.2247	0.2318	0.22825	1.56	0.00355
14 15	0.1081	0.1093	0.10870	0.55	0.00060
16 17	0.2021	0.2057	0.20390	0.88	0.00180
18 19	0.0918	0.0931	0.09245	0.70	0.00065
21 22	0.1793	0.1800	0.17965	0.19	0.00035
23 24	0.0964	0.0980	0.09720	0.82	0.00080
25 26	0.3522	0.3523	0.35225	0.01	0.00005
27 28	0.1891	0.1889	0.18900	0.05	0.00010
29 30	0.0484	0.0493	0.04885	0.92	0.00045
32 33	0.1442	0.1449	0.14455	0.24	0.00035
34 35	0.0770	0.0764	0.07670	0.39	0.00030
36 37	0.1260	0.1251	0.12555	0.36	0.00045
38 39	0.2143	0.2148	0.21455	0.12	0.00025
40 41	0.1486	0.1487	0.14865	0.03	0.00005
43 44	0.0928	0.0934	0.09310	0.32	0.00030
45 46	0.0667	0.0667	0.06670	0.00	0.00000
47 48	0.0919	0.0932	0.09255	0.70	0.00065
49 50	0.0983	0.0984	0.09835	0.05	0.00005

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1172771
Injection date: 2/13/2018 9:32:57 AM	Vial: 10
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023.ON14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\10.D	

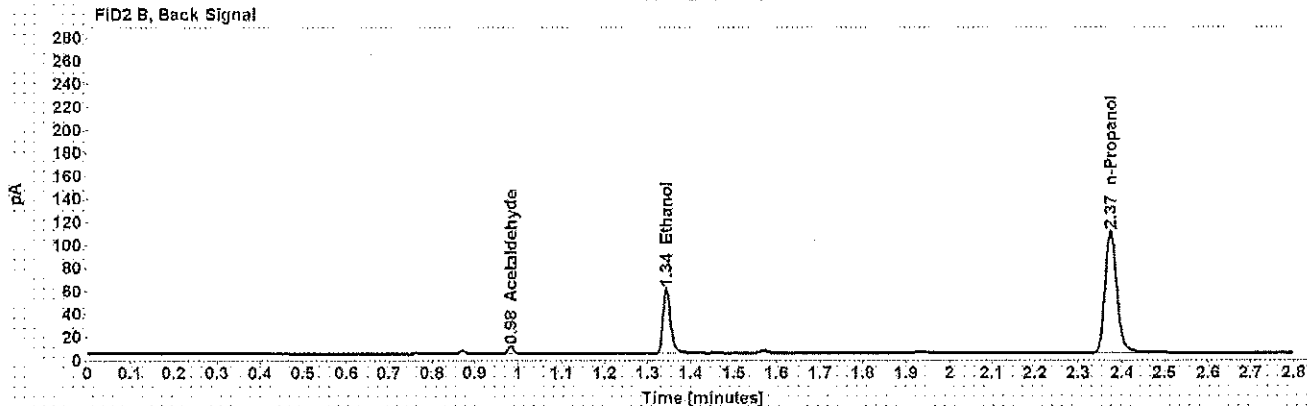
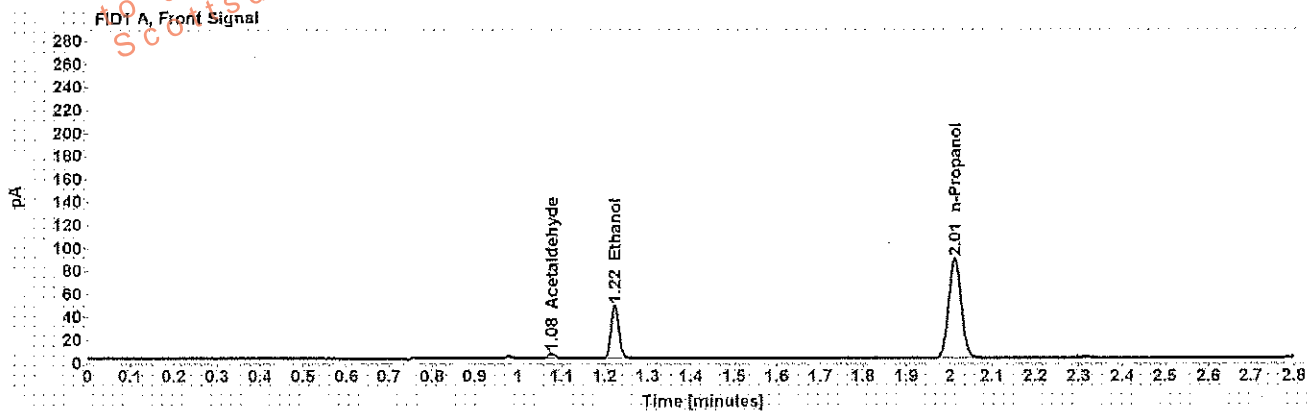


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.529
>Ethanol	0.0924	1.223	58.844
n-Propanol	-----	2.012	177.817

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.733
Ethanol	1.343	68.684
n-Propanol	2.374	205.465

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1172771
Injection date: 2/13/2018 9:36:57 AM	Vial: 11
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\11.D	

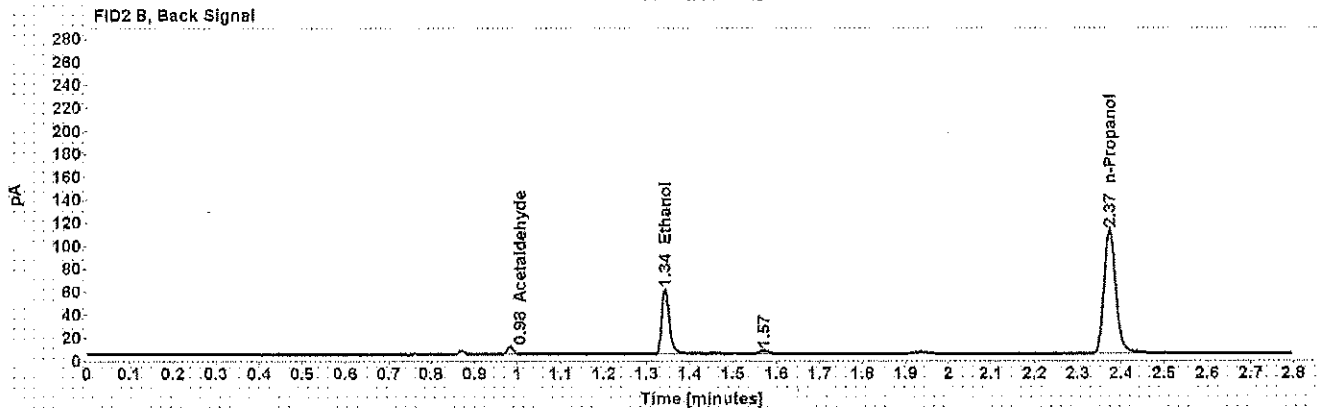
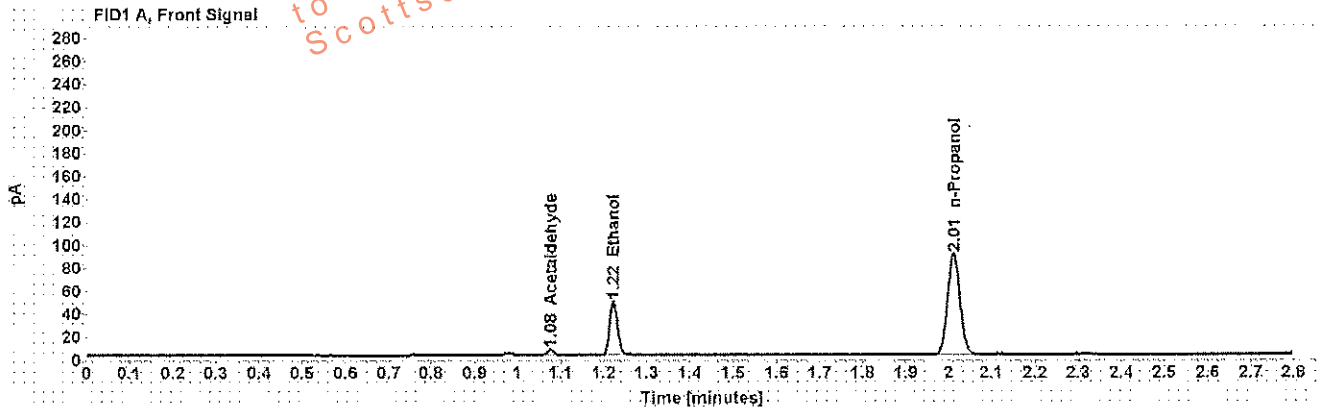


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.897
>Ethanol	0.0920	1.222	59.533
n-Propanol	-----	2.011	180.757

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	6.176
Ethanol	1.343	69.715
n-Propanol	2.373	208.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1196142
Injection date: 2/13/2018 9:40:56 AM	Vial: 12
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\12.D	

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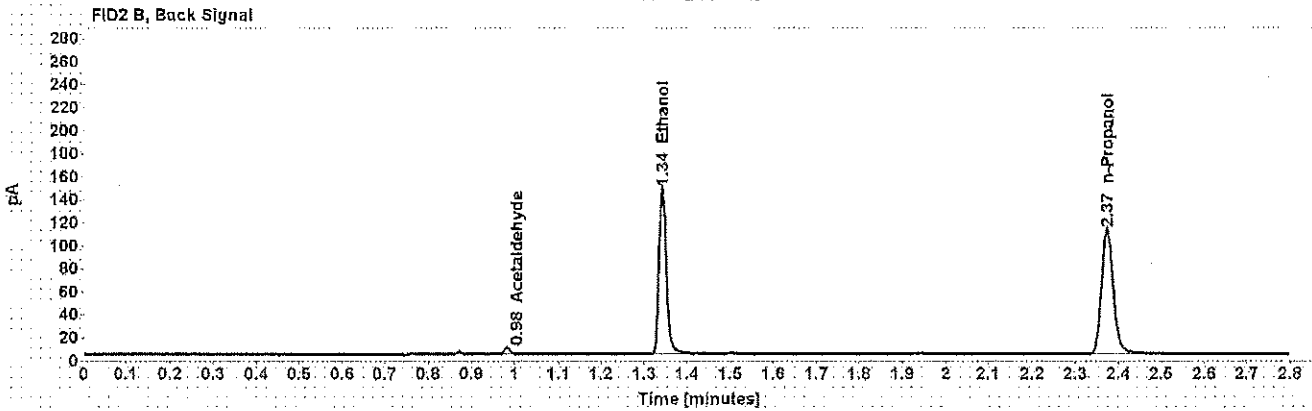
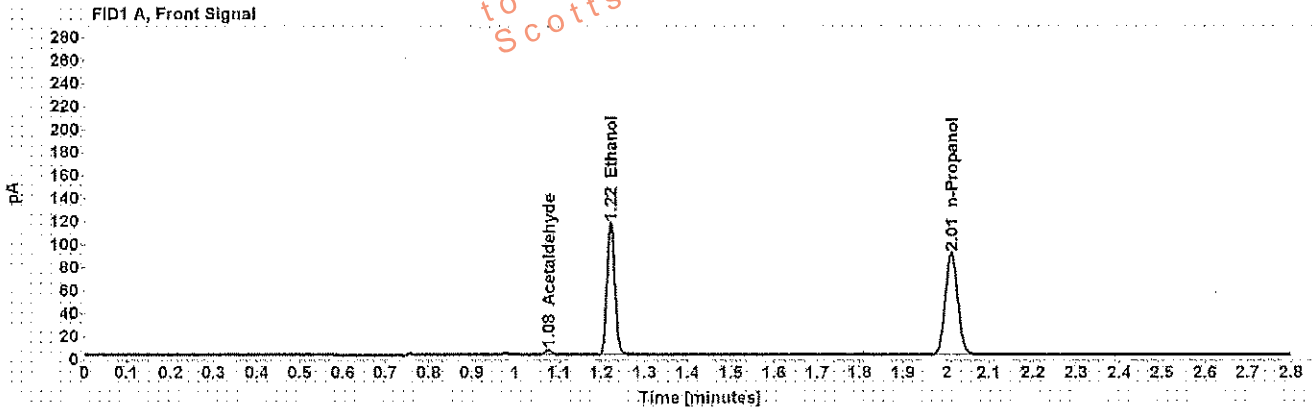


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.193
>Ethanol	0.2247	1.222	146.832
n-Propanol	-----	2.012	180.955

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.295
Ethanol	1.342	173.942
n-Propanol	2.373	210.554

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1196142
Injection date: 2/13/2018 9:45:12 AM	Vial: 13
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\13.D	

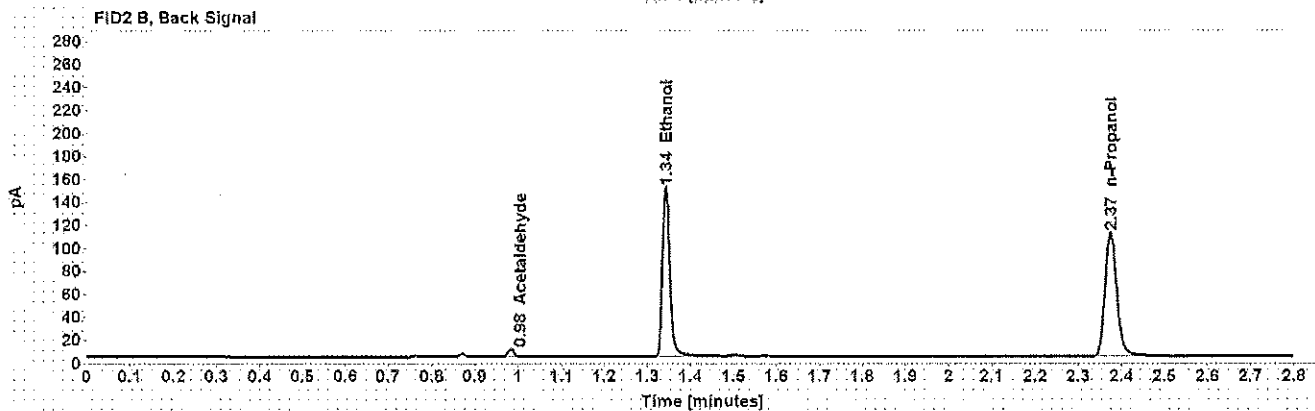
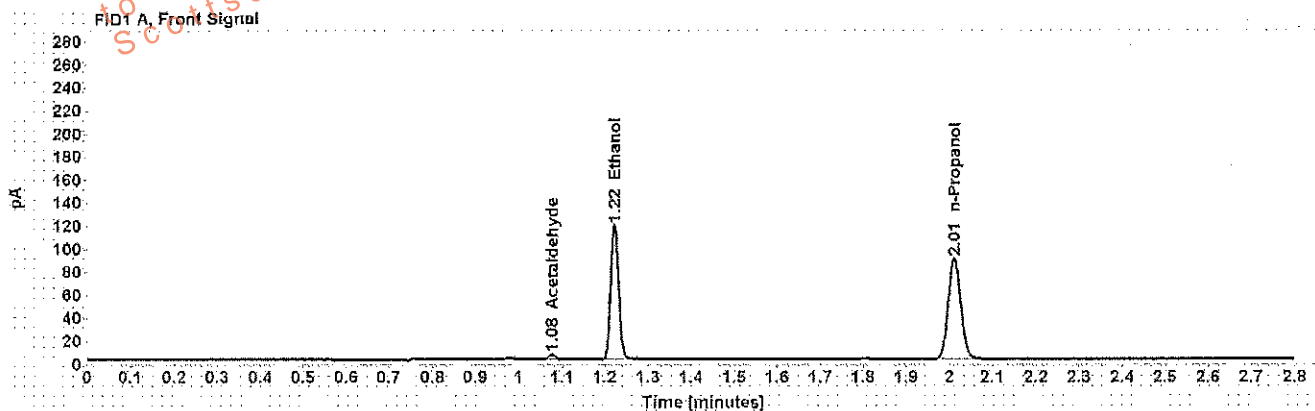


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.742
>Ethanol	0.2318	1.222	149.986
n-Propanol	-----	2.012	179.126

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.997
Ethanol	1.343	177.515
n-Propanol	2.374	208.659

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195647
Injection date: 2/13/2018 9:49:12 AM	Vial: 14
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\14.D	

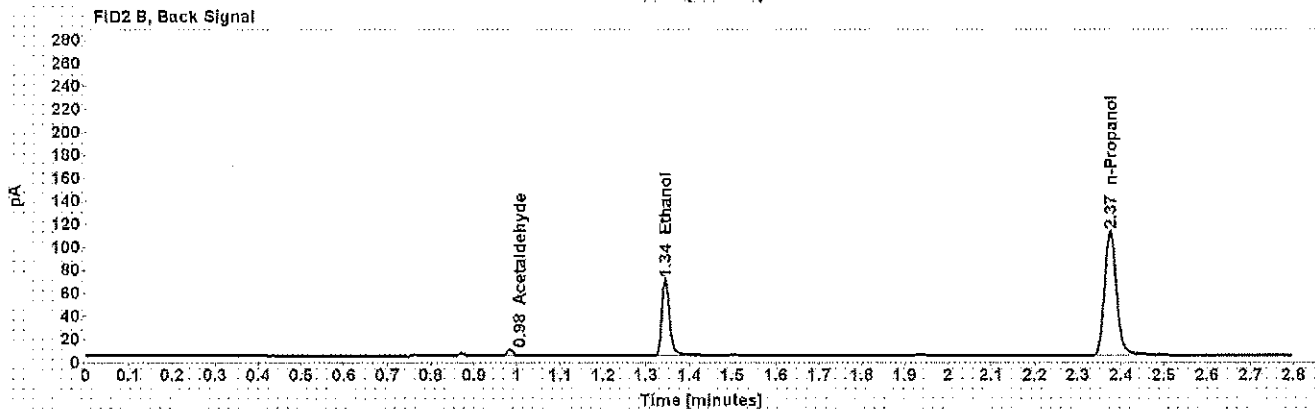
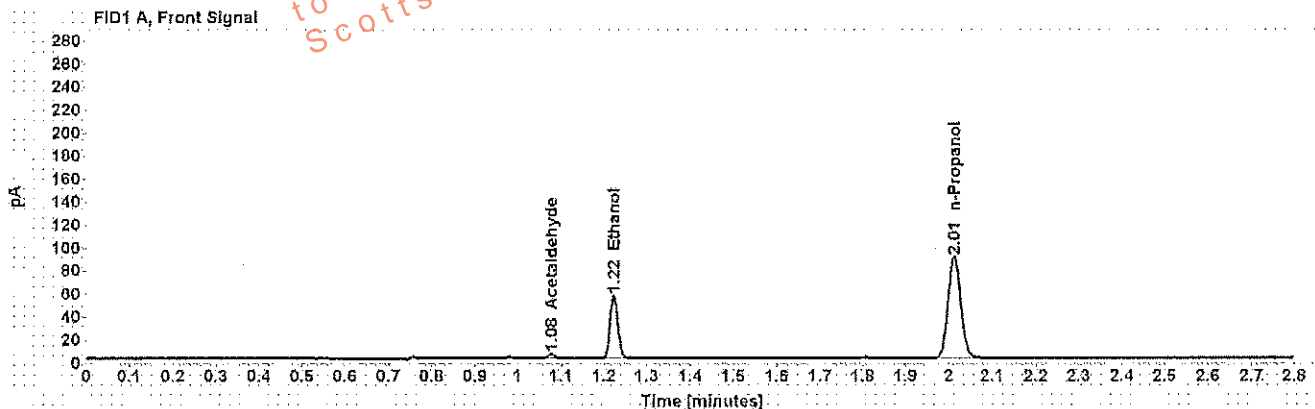


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.007
>Ethanol	0.1081	1.223	69.728
n-Propanol	-----	2.012	179.742

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.118
Ethanol	1.344	81.211
n-Propanol	2.375	209.043

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195647
Injection date: 2/13/2018 9:53:11 AM	Vial: 15
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\15.D	

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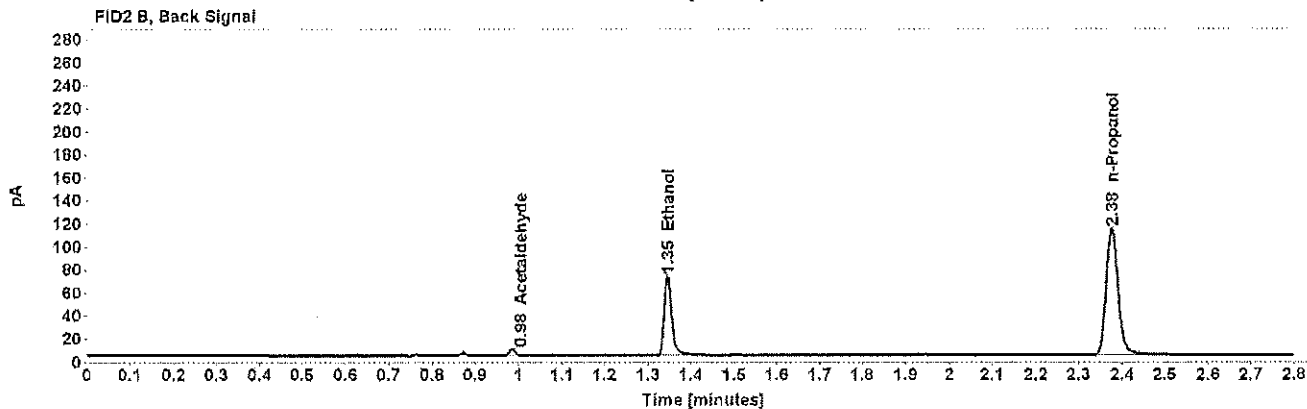
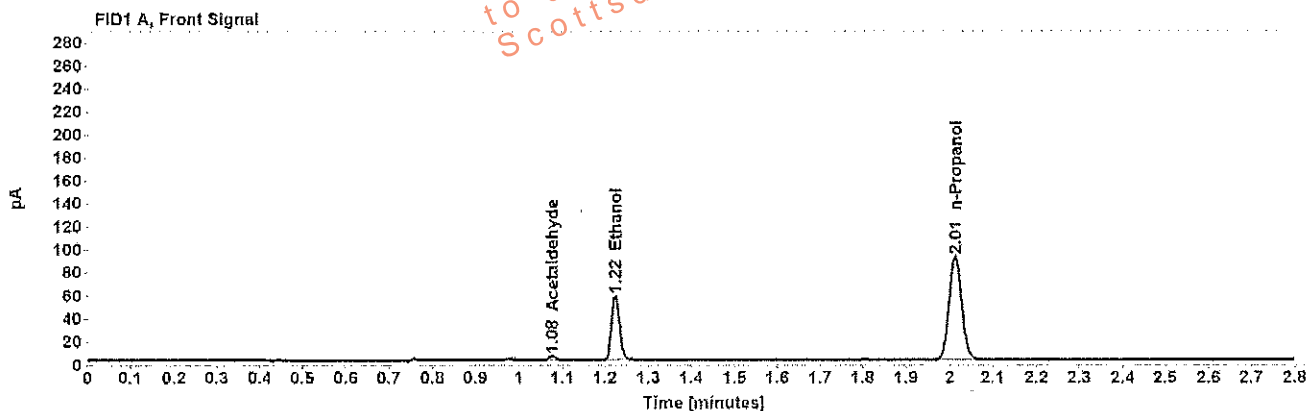


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.853
>Ethanol	0.1093	1.224	71.967
n-Propanol	-----	2.013	183.429

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.852
Ethanol	1.345	84.152
n-Propanol	2.376	213.467

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1196409
Injection date: 2/13/2018 9:57:12 AM	Vial: 16
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\16.D	

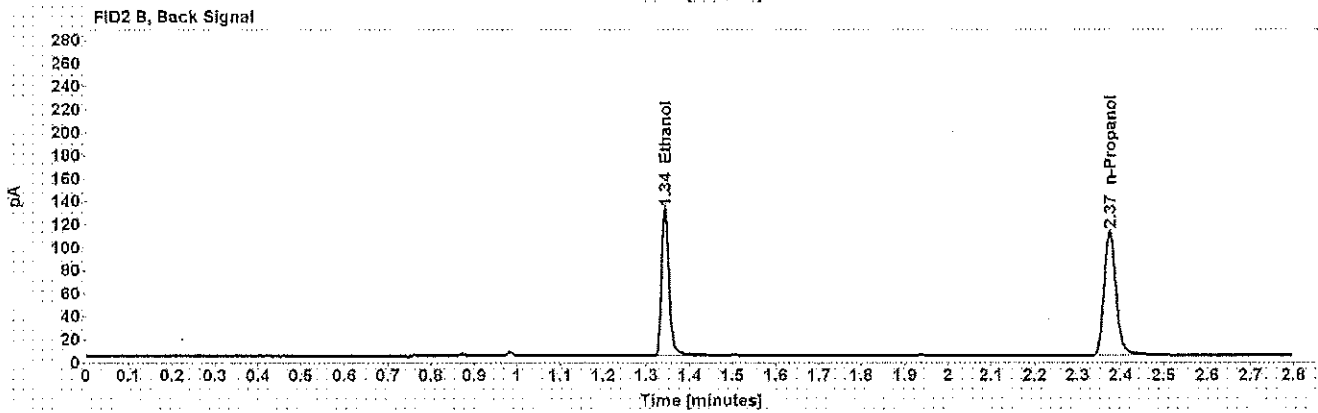
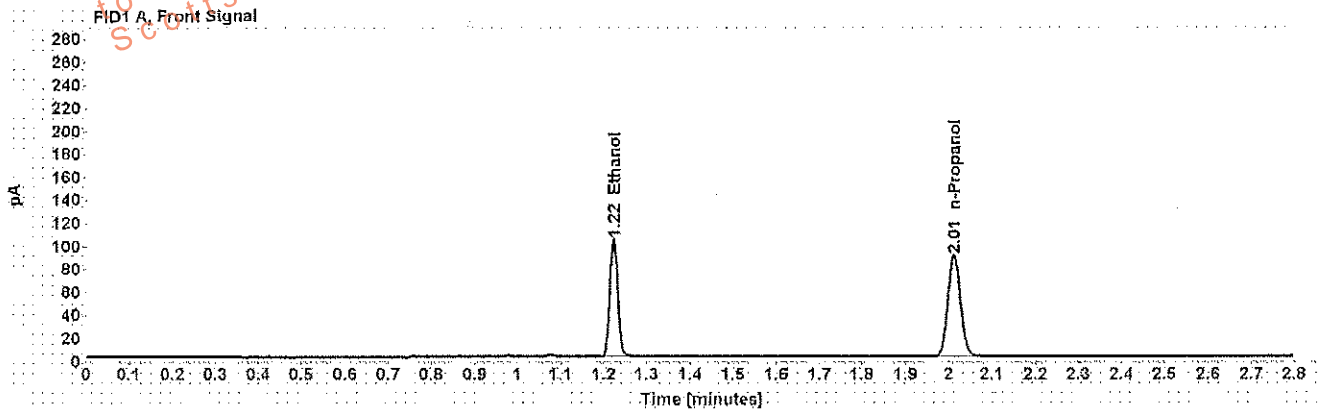


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.222	131.277
n-Propanol	-----	2.012	180.004

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

Compound	Time (min)	Peak Area
Ethanol	1.343	155.460
n-Propanol	2.375	210.009

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1196409
Injection date: 2/13/2018 10:01:12 AM	Vial: 17
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 N14160045	Analyst: Adrian
Data file: C:\Chem3211\DATA\13Feb18\17.D	

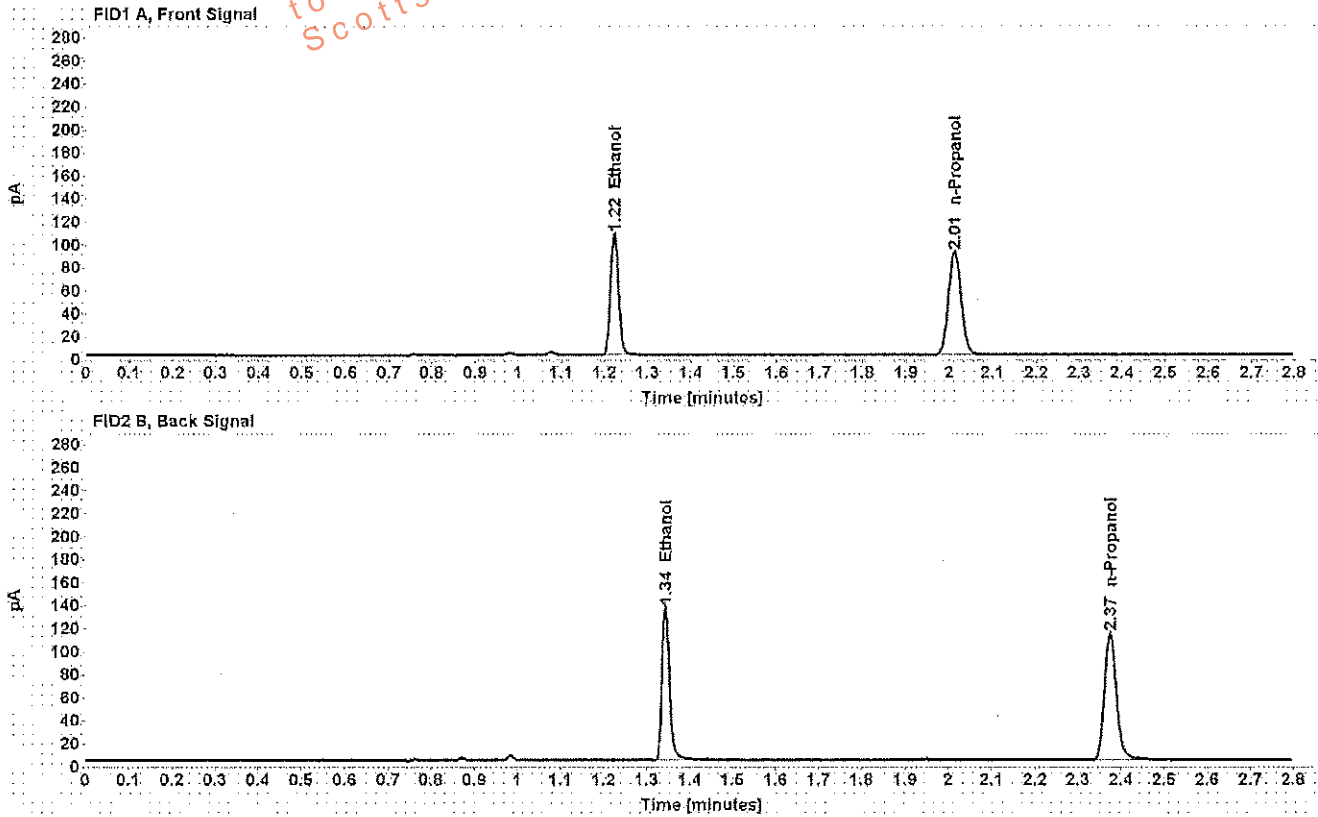


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2057	1.223	136.027
n-Propanol	-----	2.012	183.223

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

Compound	Time (min)	Peak Area
Ethanol	1.343	161.168
n-Propanol	2.375	213.620

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192792
Injection date: 2/13/2018 10:05:12 AM	Vial: 18
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\18.D	

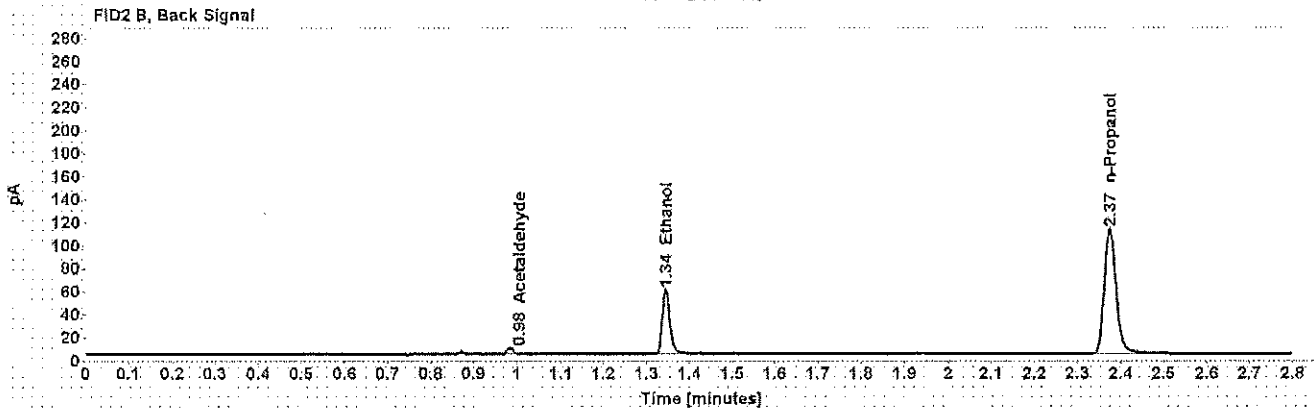
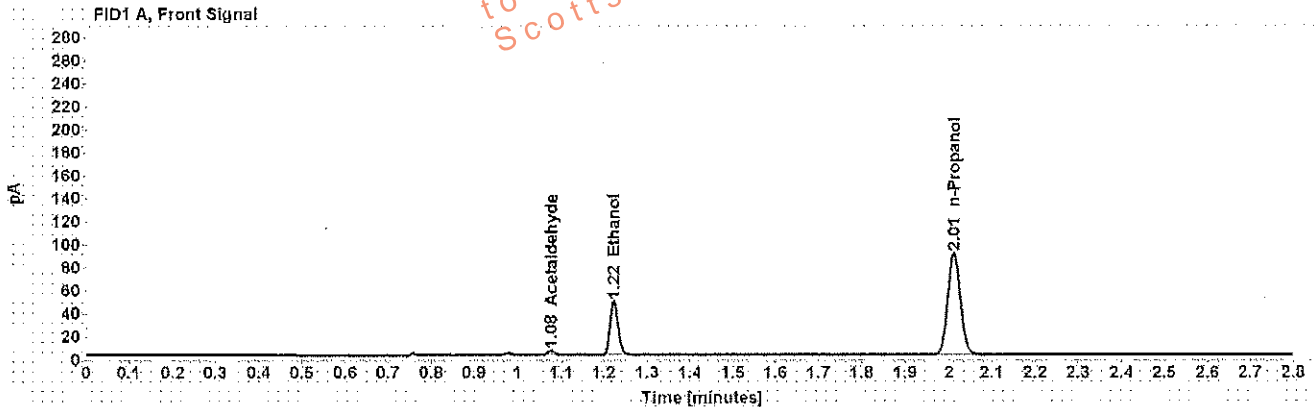


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.021
>Ethanol	0.0918	1.223	59.391
n-Propanol	-----	2.012	180.727

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.076
Ethanol	1.344	69.000
n-Propanol	2.375	210.311

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192792
Injection date: 2/13/2018 10:09:26 AM	Vial: 19
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\19.D	

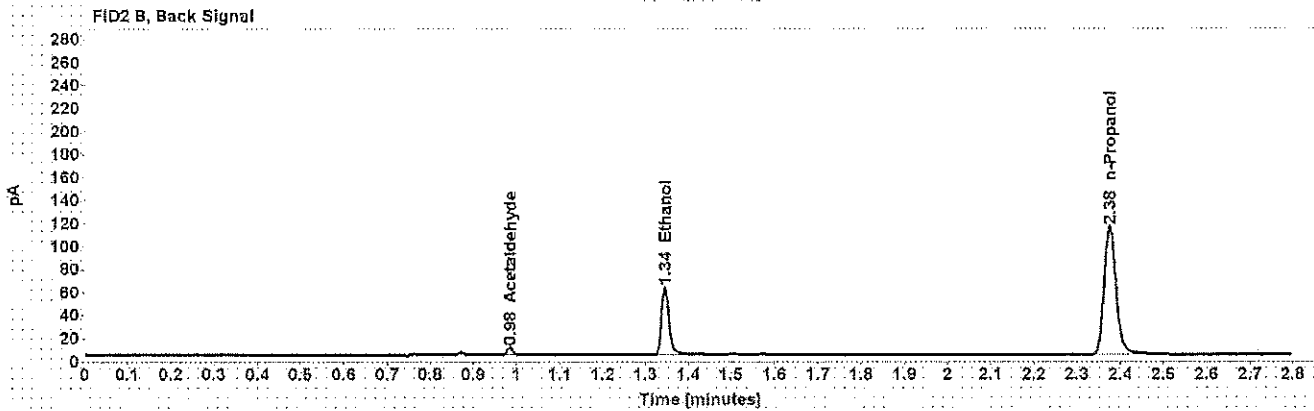
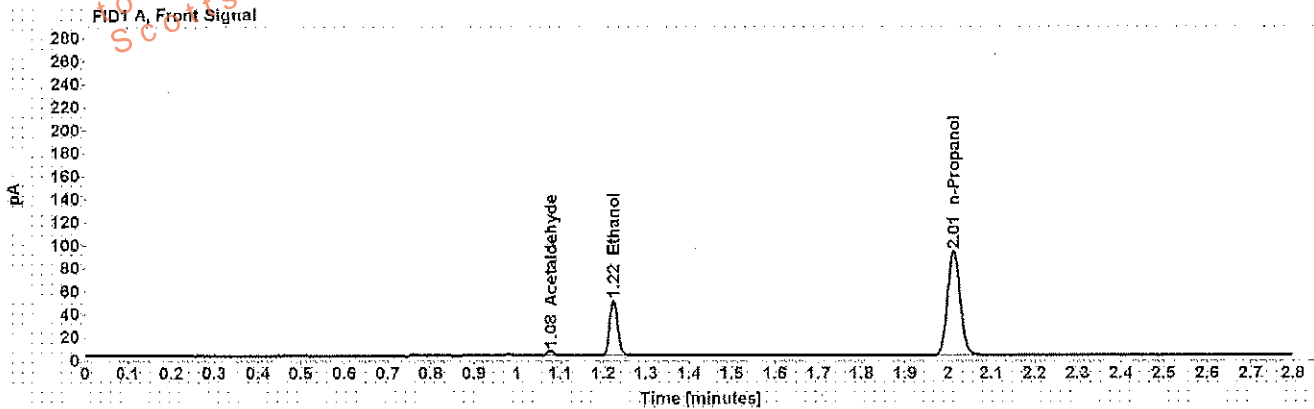


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.543
>Ethanol	0.0931	1.224	61.679
n-Propanol	-----	2.013	185.022

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.753
Ethanol	1.345	72.076
n-Propanol	2.375	216.128

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1193790
Injection date: 2/13/2018 10:17:27 AM	Vial: 21
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\21.D	

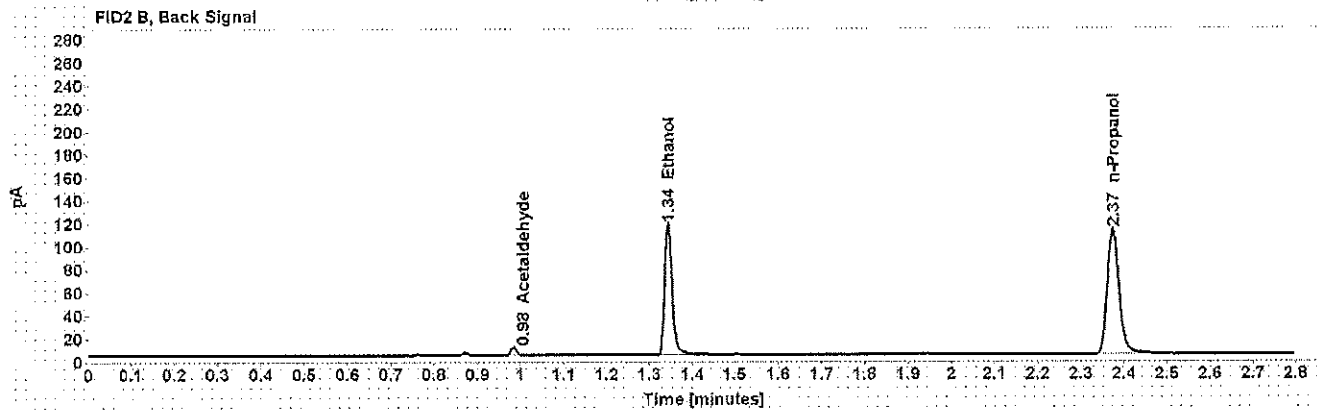
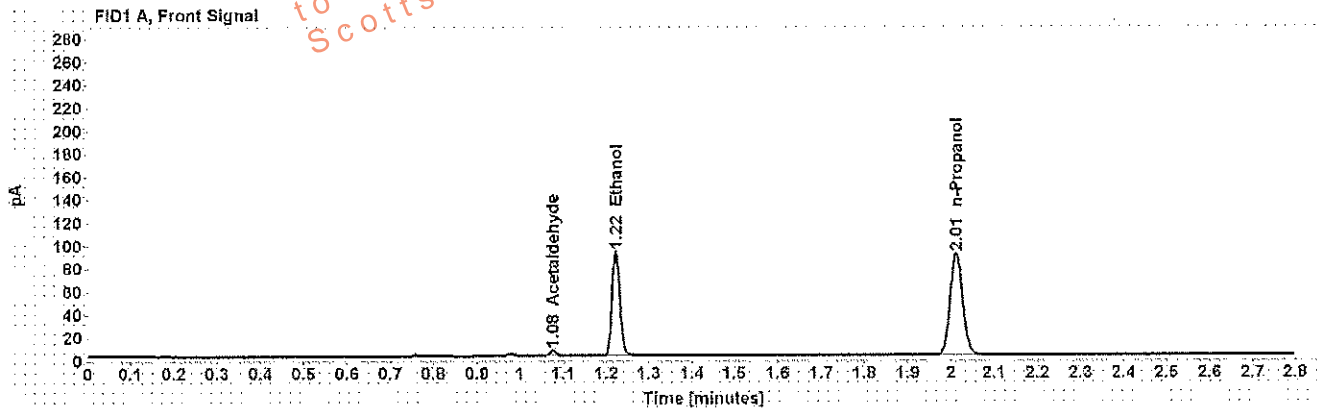


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.926
>Ethanol	0.1793	1.222	116.630
n-Propanol	-----	2.012	180.353

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.249
Ethanol	1.343	138.387
n-Propanol	2.374	210.721

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1193790
Injection date: 2/13/2018 10:21:27 AM	Vial: 22
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\22.D	

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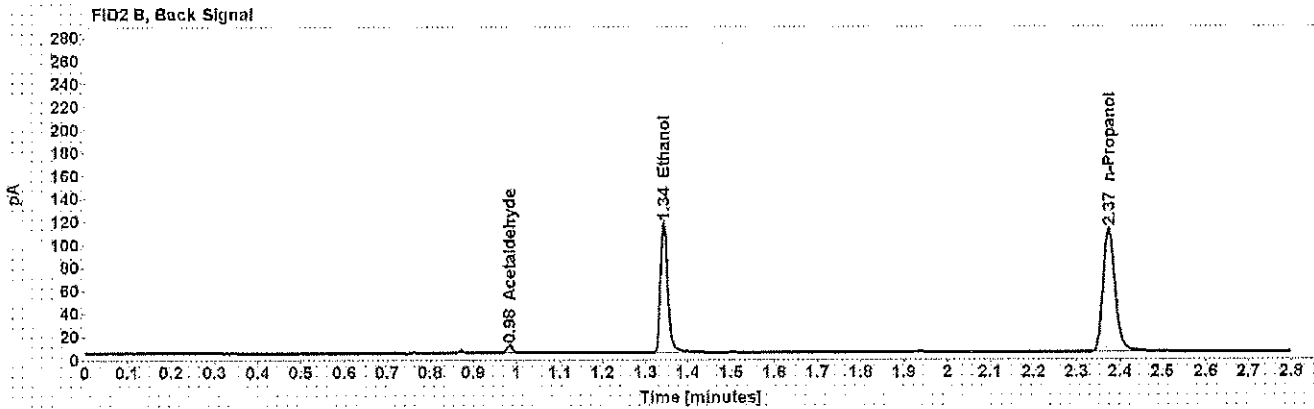
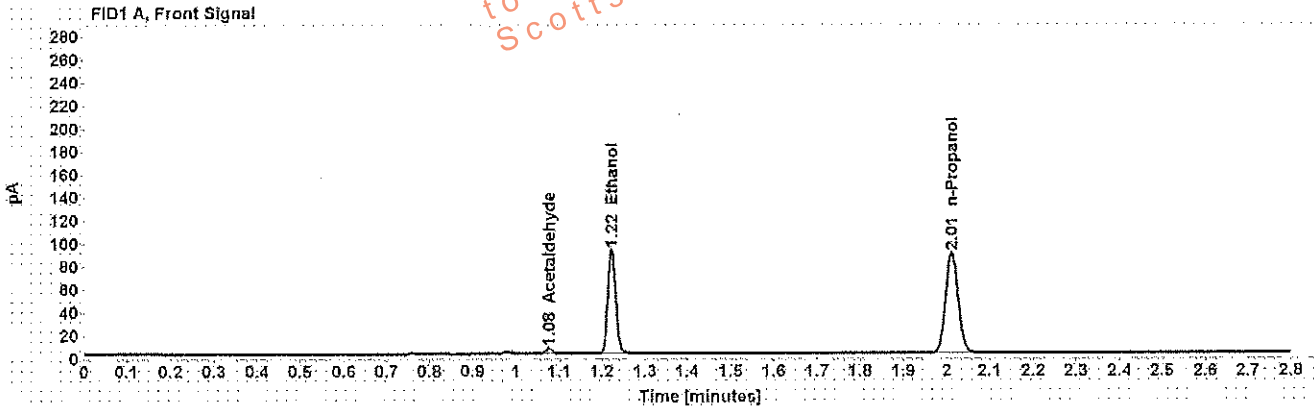


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	4.922
>Ethanol	0.1800	1.223	115.800
n-Propanol	-----	2.012	178.400

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.223
Ethanol	1.343	136.988
n-Propanol	2.374	208.127

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194684
Injection date: 2/13/2018 10:25:27 AM	Vial: 23
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\23.D	

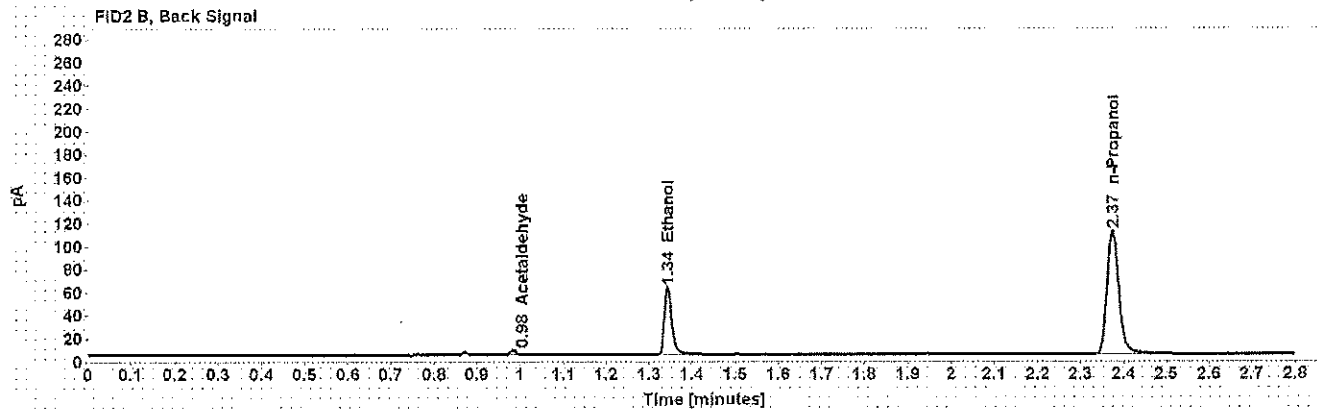
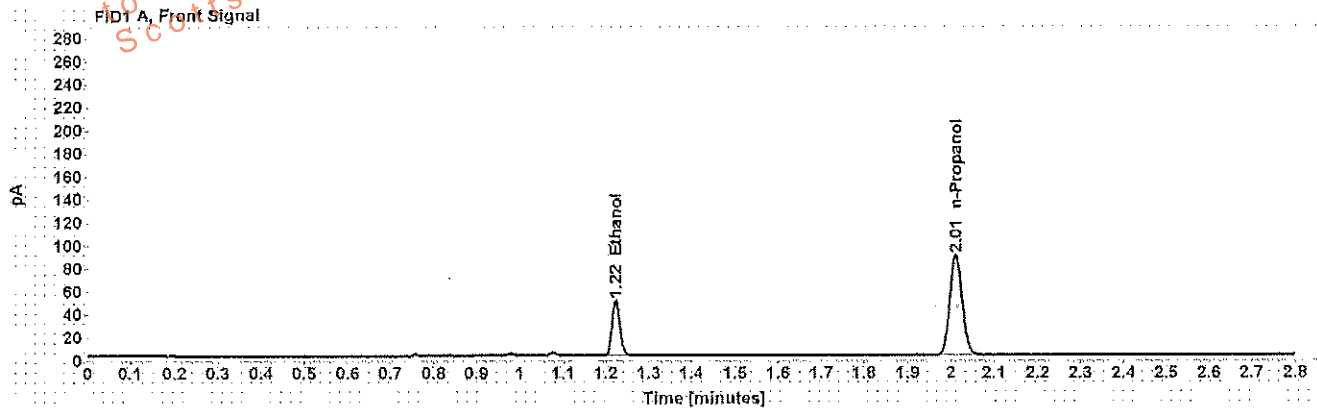


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0964	1.223	61.597
n-Propanol	-----	2.012	178.464

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.876
Ethanol	1.344	72.018
n-Propanol	2.374	207.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194684
Injection date: 2/13/2018 10:29:27 AM	Vial: 24
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\24.D	

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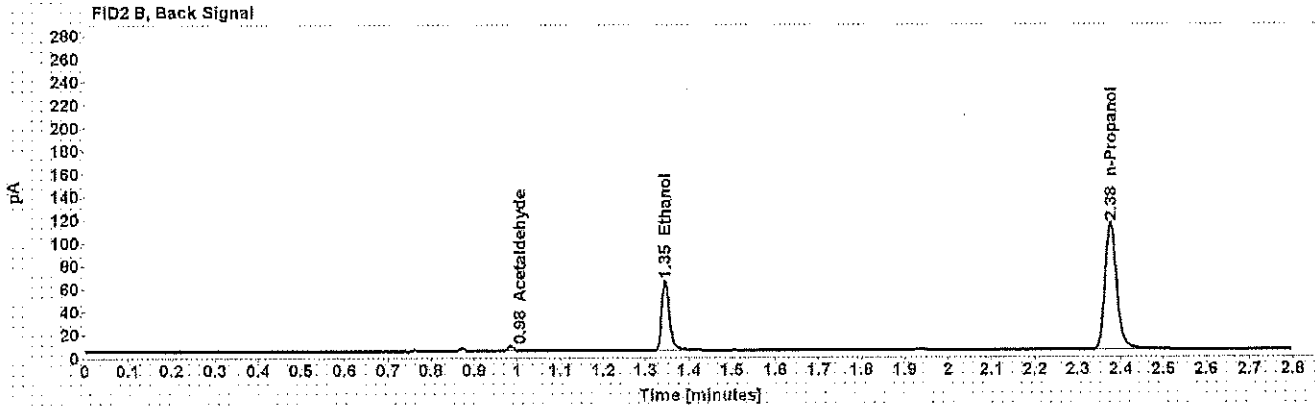
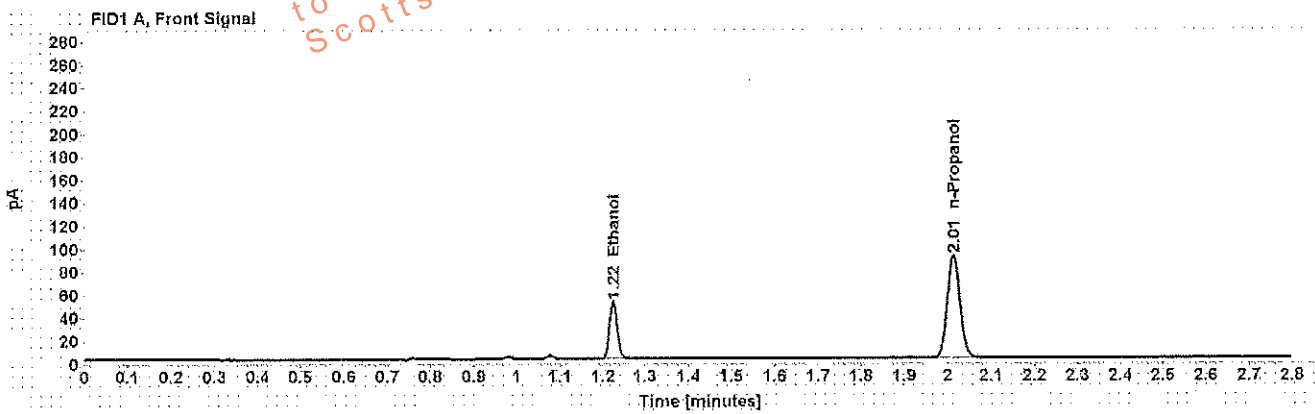


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0980	1.224	64.025
n-Propanol	-----	2.013	182.301

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.064
Ethanol	1.346	75.066
n-Propanol	2.376	213.113

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 331-01A
Injection date: 2/13/2018 10:33:42 AM	Vial: 25
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\25.D	

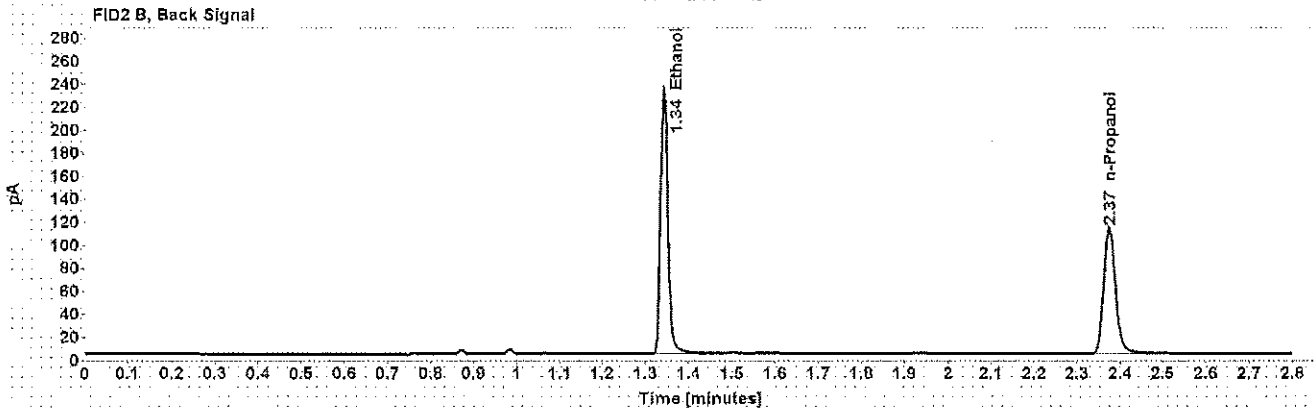
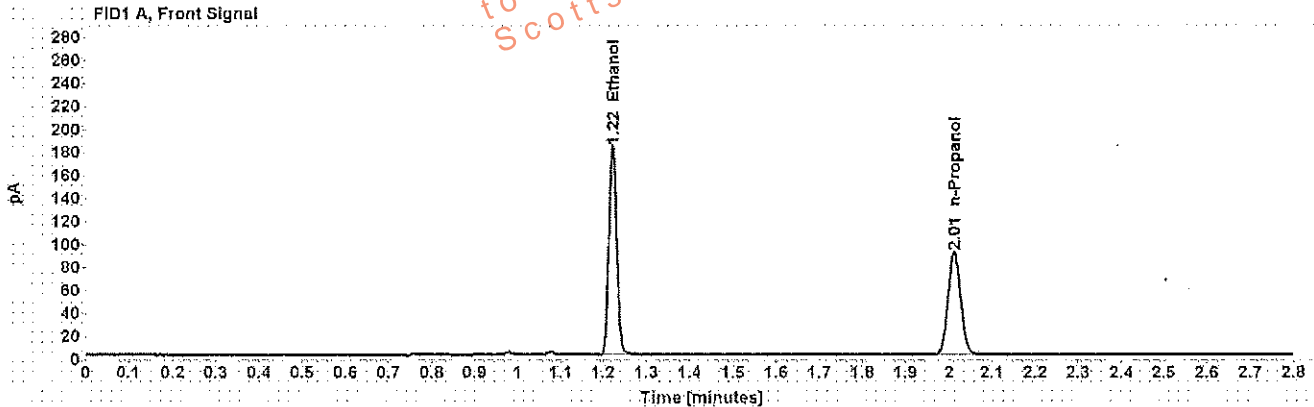


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3522	1.222	231.436
n-Propanol	-----	2.012	181.560

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

Compound	Time (min)	Peak Area
Ethanol	1.342	277.654
n-Propanol	2.374	213.222

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 331-01A
Injection date: 2/13/2018 10:37:43 AM	Vial: 26
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\26.D	

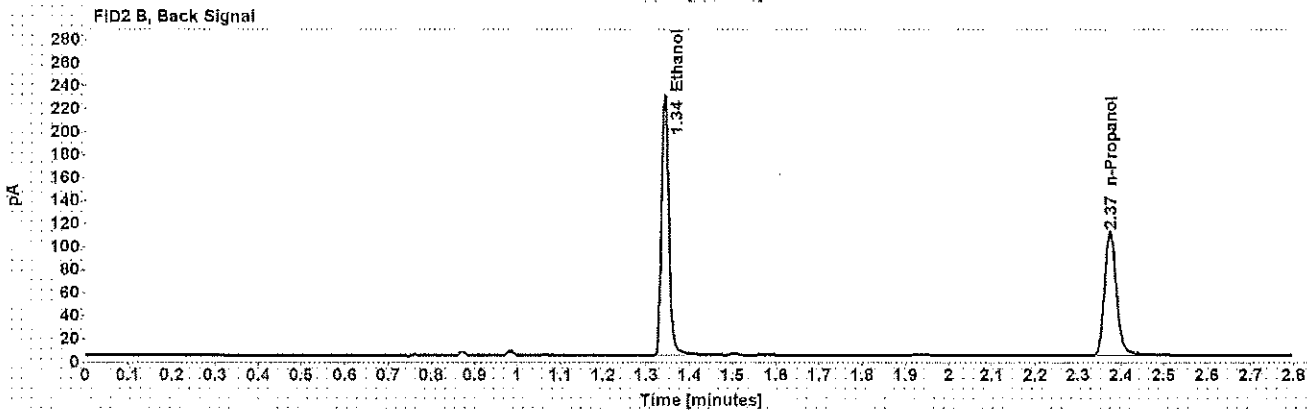
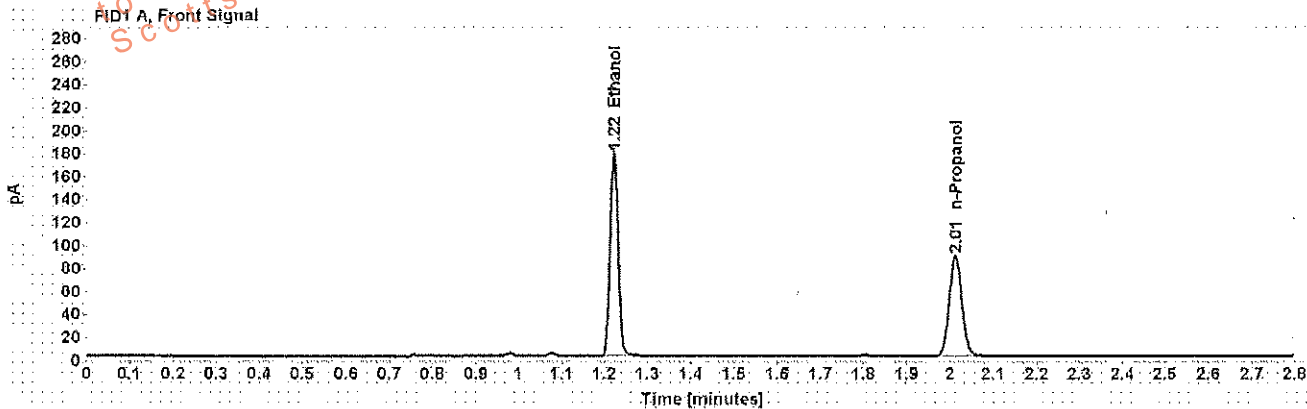


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3523	1.222	226.459
n-Propanol	-----	2.012	177.580

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

Compound	Time (min)	Peak Area
Ethanol	1.342	271.692
n-Propanol	2.374	208.318

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1174659
Injection date: 2/13/2018 10:41:43 AM	Vial: 27
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\27.D	

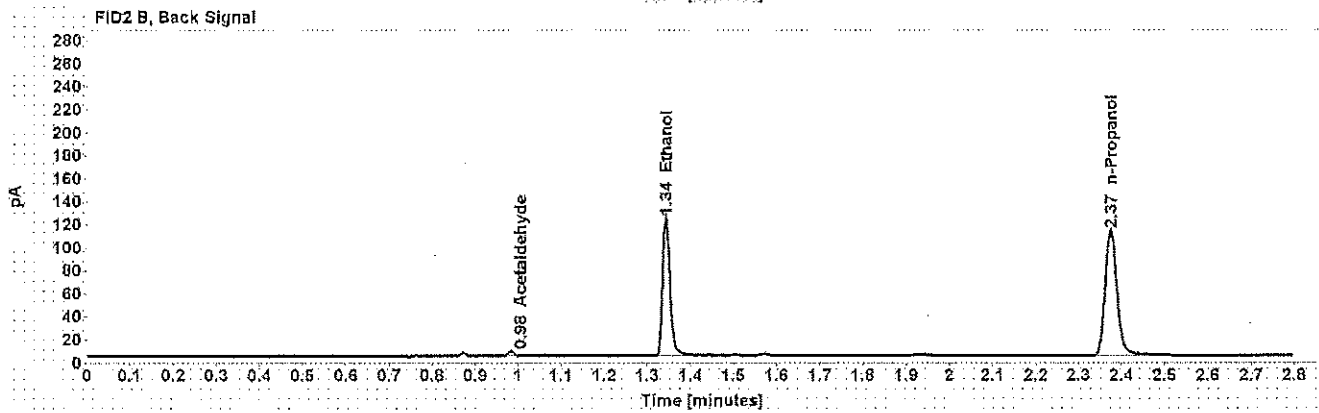
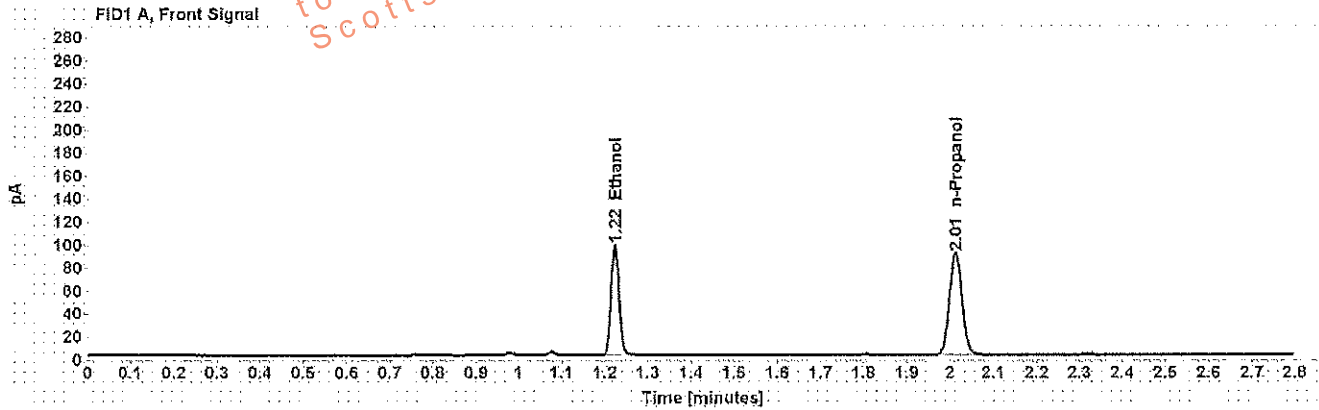


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1891	1.223	123.146
n-Propanol	-----	2.012	180.508

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.850
Ethanol	1.344	147.505
n-Propanol	2.375	211.881

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4174659
Injection date: 2/13/2018 10:45:41 AM	Vial: 28
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\28.D	

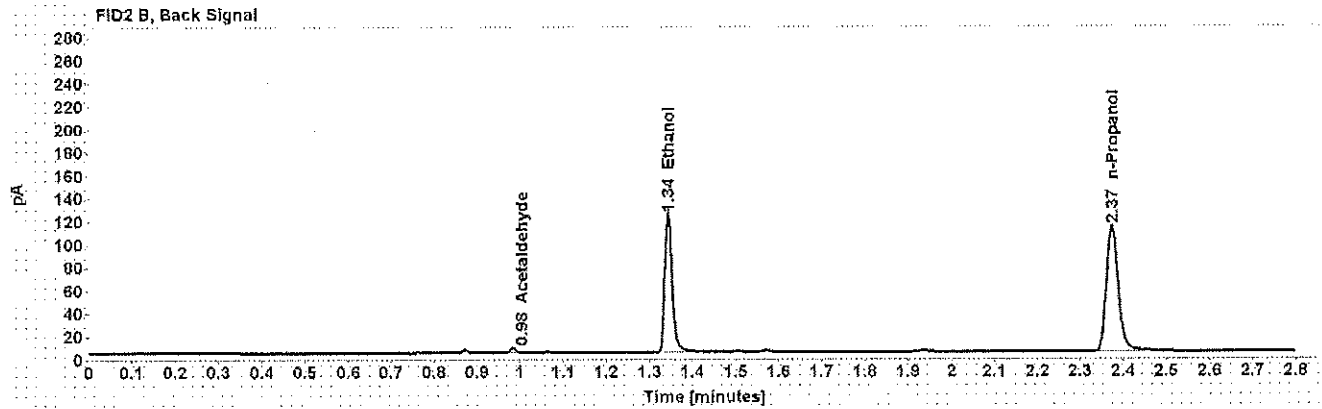
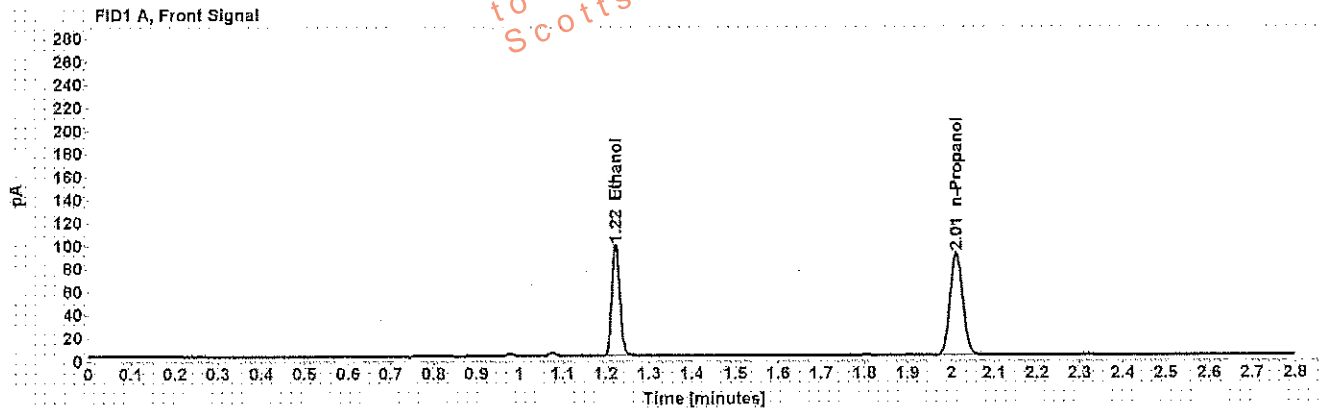


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1889	1.223	123.143
n-Propanol	-----	2.012	180.674

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.772
Ethanol	1.343	147.749
n-Propanol	2.374	212.374

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198586
Injection date: 2/13/2018 10:49:42 AM	Vial: 29
Method: ethanol quanti.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\29.D	

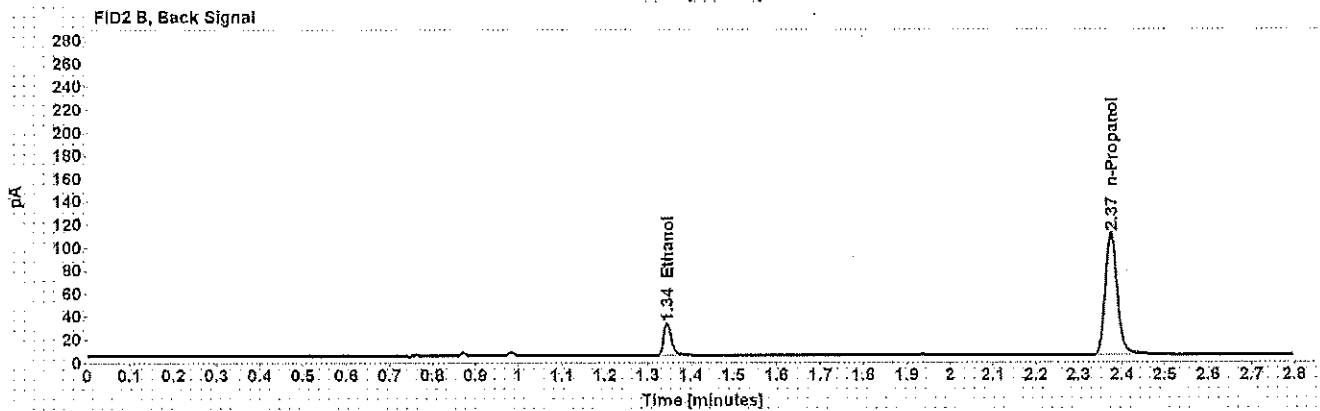
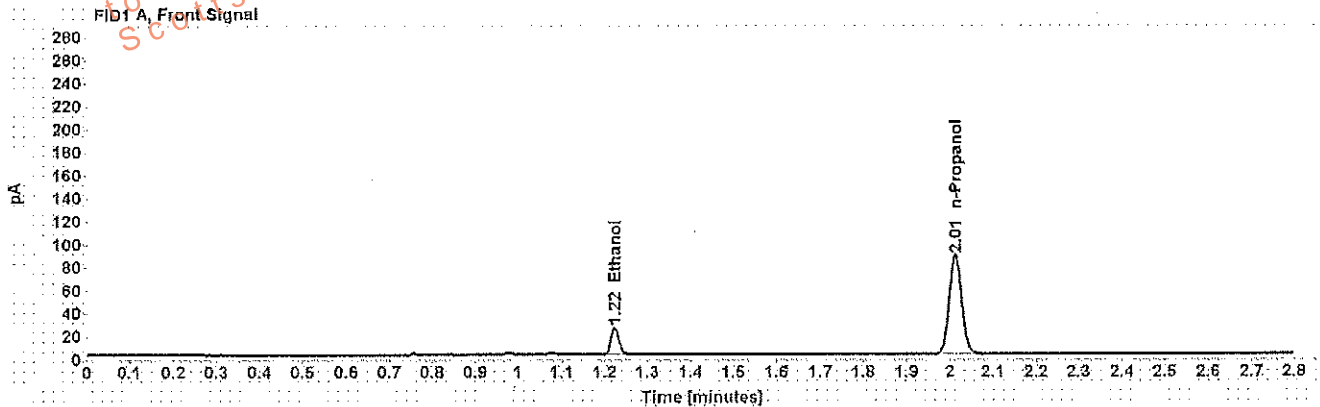


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0484	1.223	30.069
n-Propanol	-----	2.012	176.097

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

Compound	Time (min)	Peak Area
Ethanol	1.345	35.547
n-Propanol	2.374	205.661

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198586
Injection date: 2/13/2018 10:53:42 AM	Vial: 30
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\30.D	

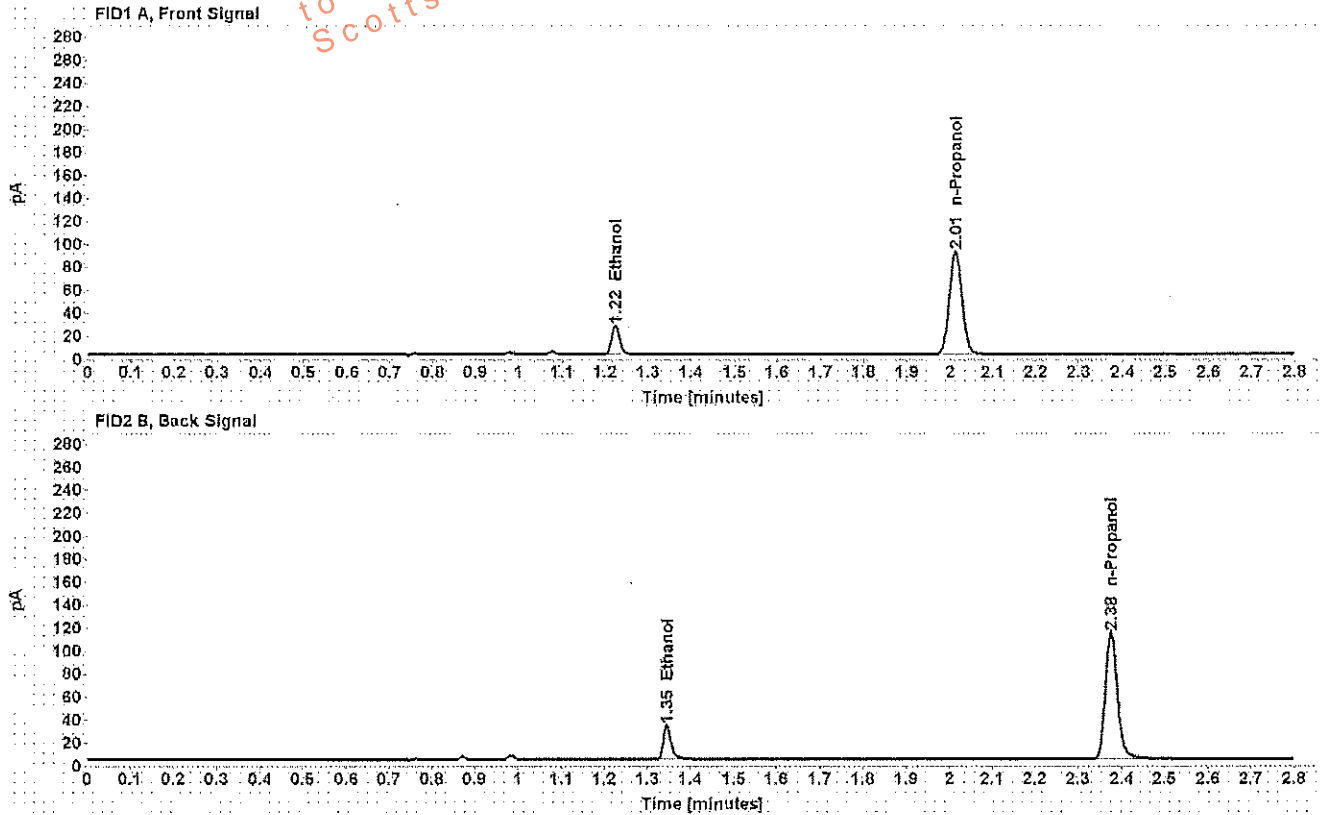


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0493	1.224	31.777
n-Propanol	-----	2.013	182.414

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

Compound	Time (min)	Peak Area
Ethanol	1.346	36.585
n-Propanol	2.375	213.100

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195972
Injection date: 2/13/2018 11:01:57 AM	Vial: 32
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\32.D	

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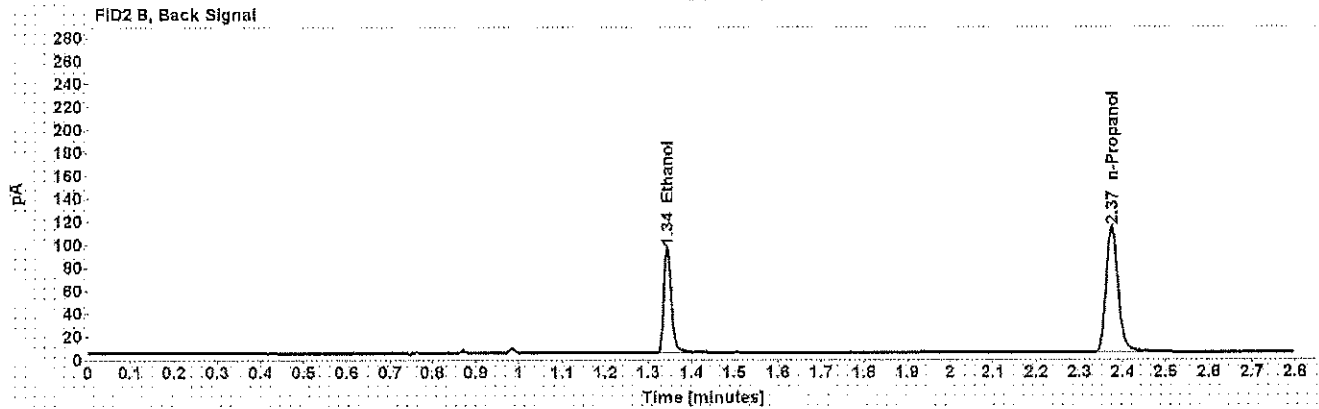
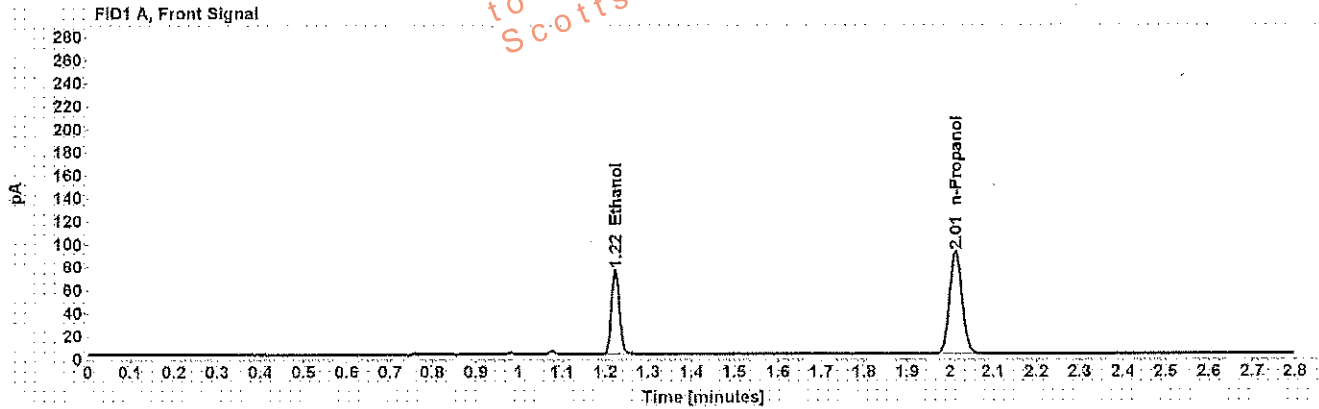


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1442	1.223	94.069
n-Propanol	-----	2.012	181.275

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

Compound	Time (min)	Peak Area
Ethanol	1.344	111.456
n-Propanol	2.375	212.204

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195972
Injection date: 2/13/2018 11:05:56 AM	Vial: 33
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\33.D	

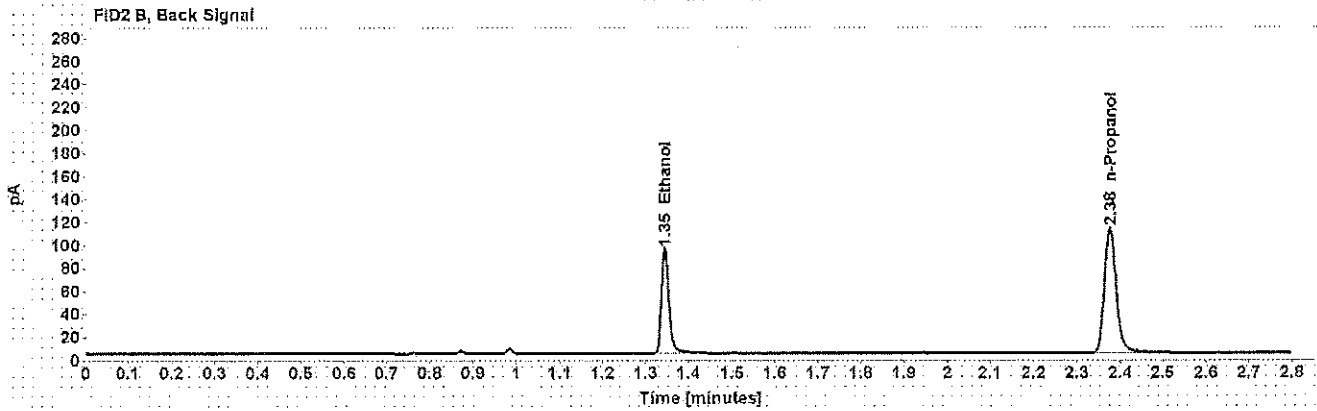
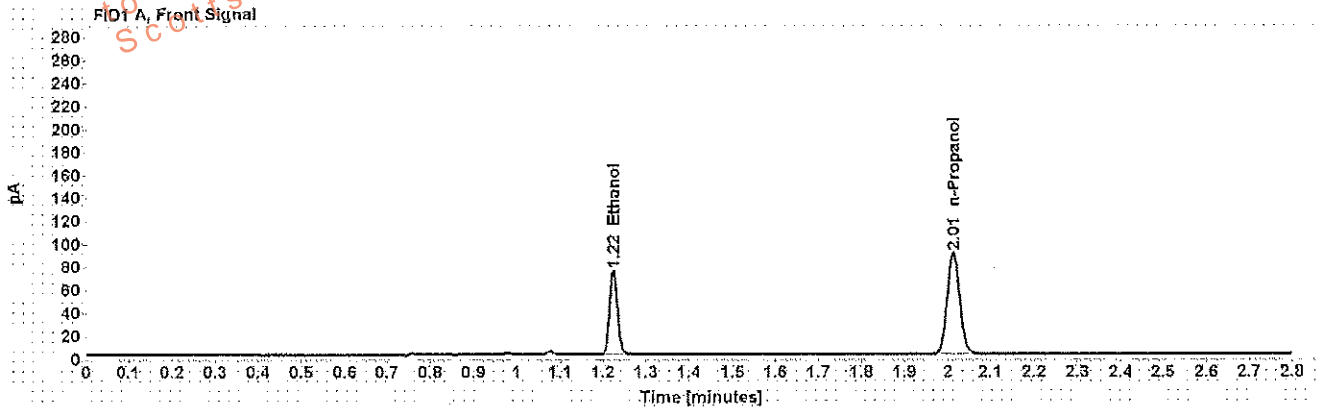


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1449	1.224	93.901
n-Propanol	-----	2.013	180.005

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

Compound	Time (min)	Peak Area
Ethanol	1.345	111.252
n-Propanol	2.378	210.820

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194657
Injection date: 2/13/2018 11:09:57 AM	Vial: 34
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\34.D	

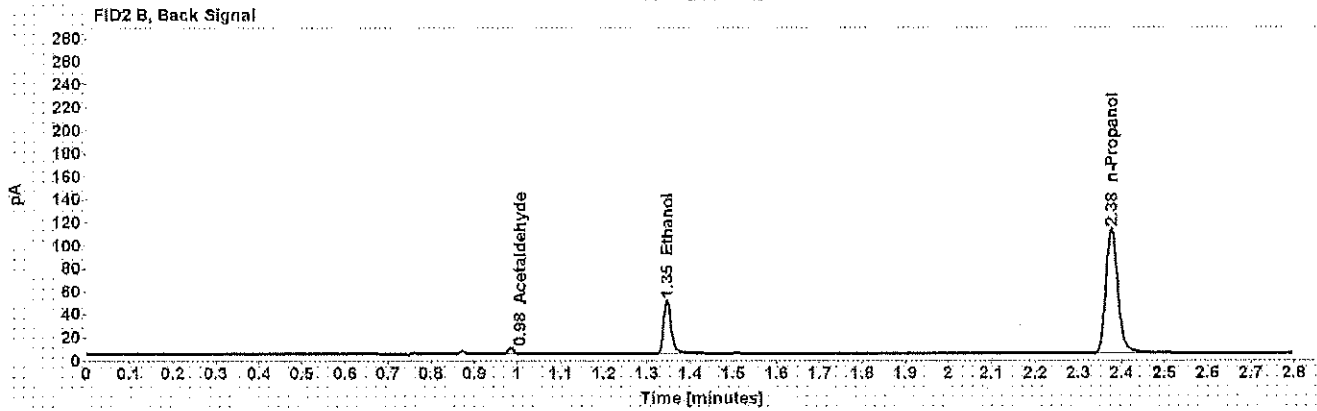
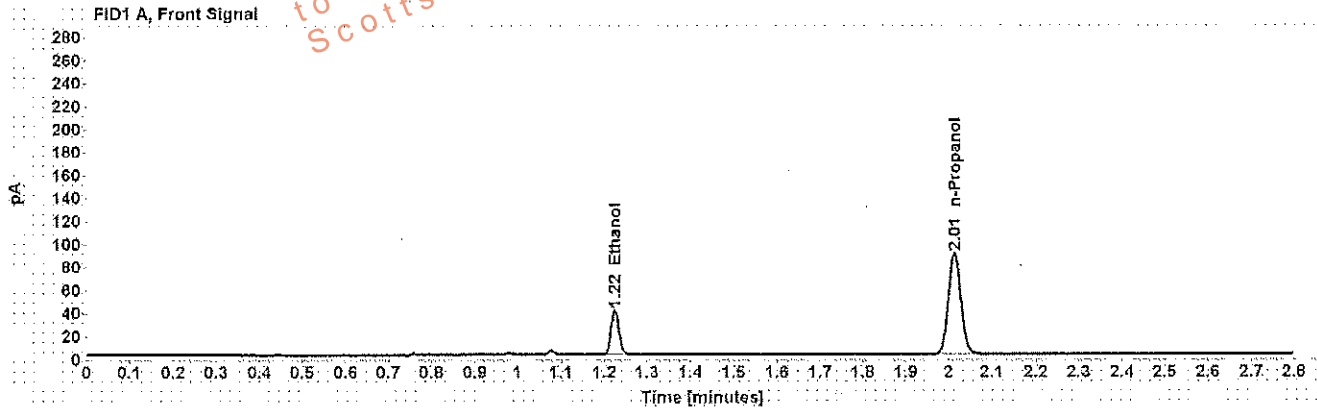


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0770	1.225	49.298
n-Propanol	-----	2.014	179.347

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.497
Ethanol	1.346	57.316
n-Propanol	2.377	209.778

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194657
Injection date: 2/13/2018 11:13:56 AM	Vial: 35
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\35.D	

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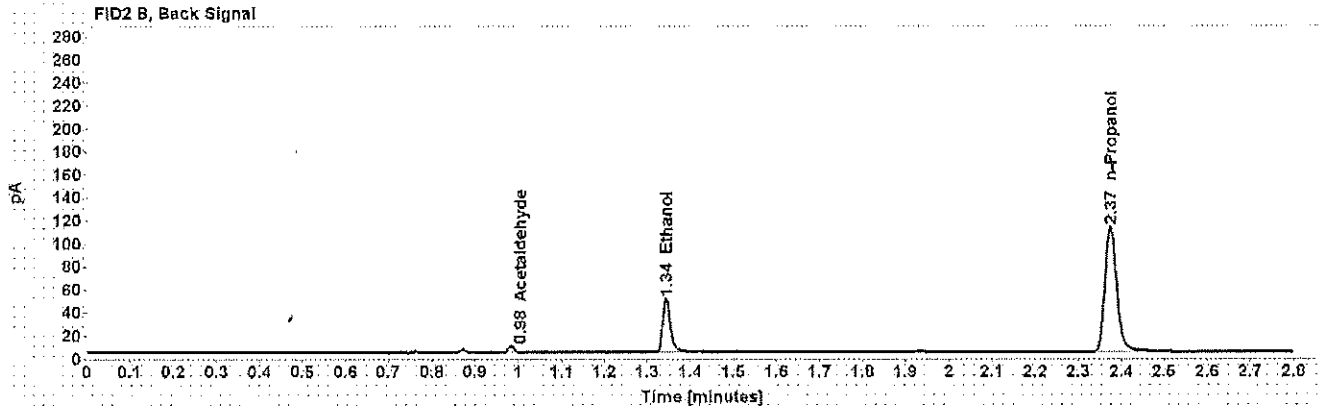
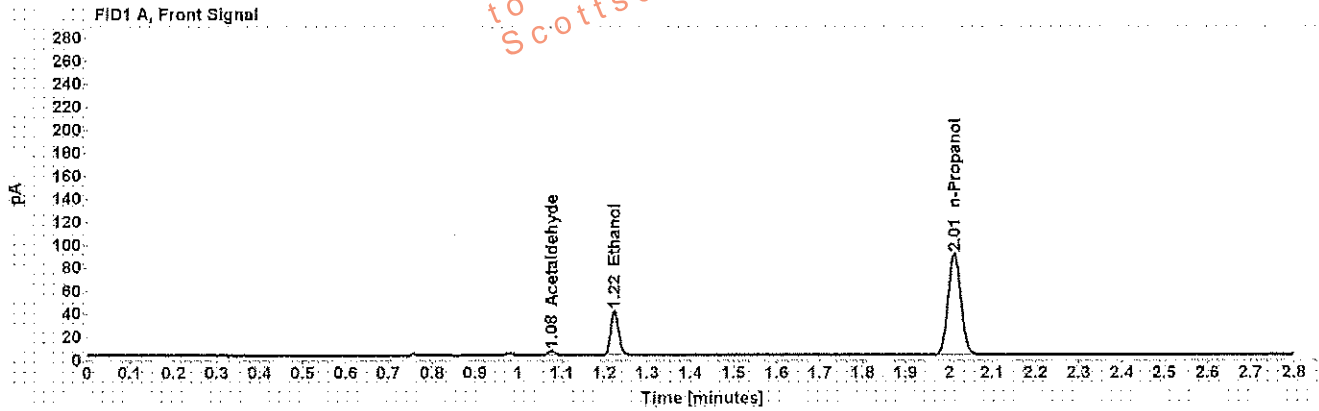


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.877
>Ethanol	0.0764	1.223	48.996
n-Propanol	-----	2.012	179.778

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	4.879
Ethanol	1.344	57.204
n-Propanol	2.375	210.580

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195963
Injection date: 2/13/2018 11:17:56 AM	Vial: 36
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
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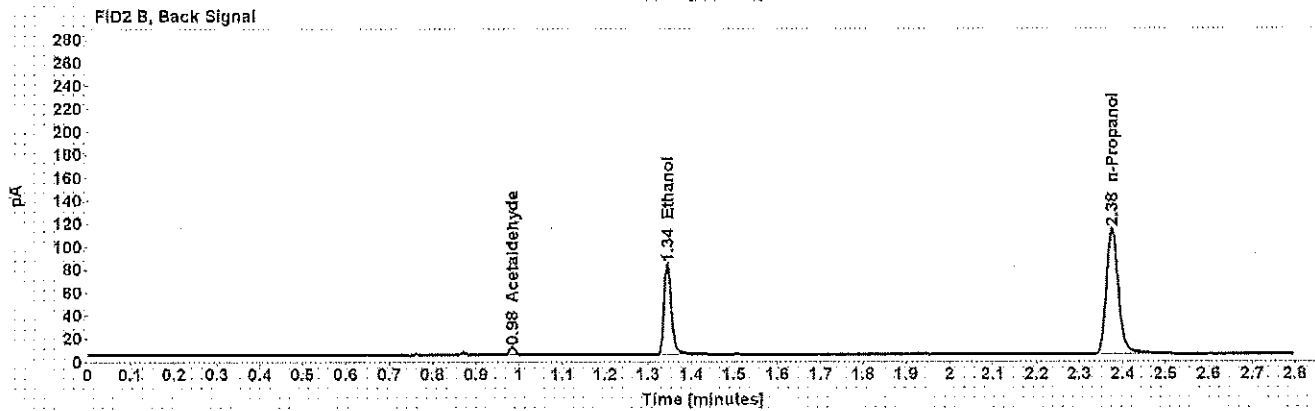
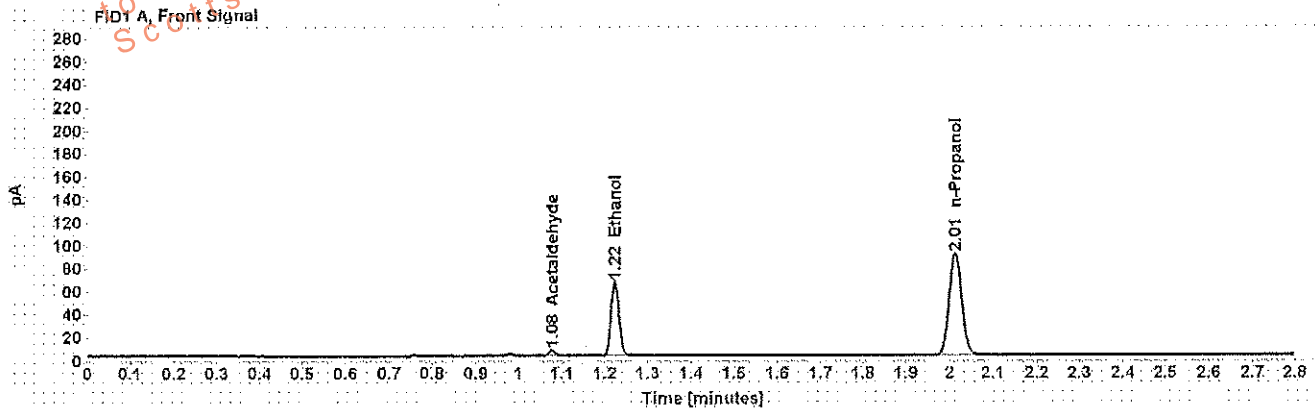


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.914
>Ethanol	0.1260	1.223	81.768
n-Propanol	-----	2.013	180.581

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.200
Ethanol	1.344	96.251
n-Propanol	2.375	211.656

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195963
Injection date: 2/13/2018 11:22:12 AM	Vial: 37
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\37.D	

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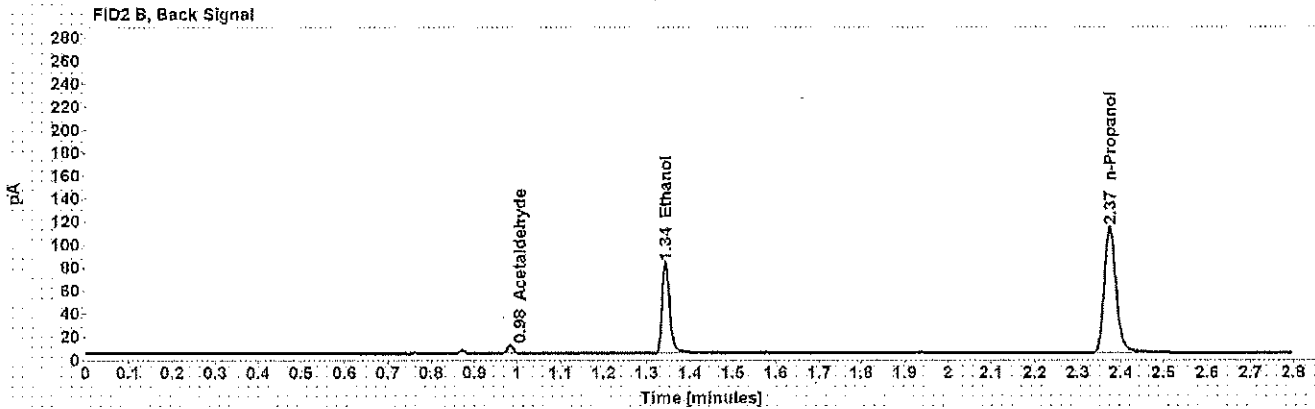
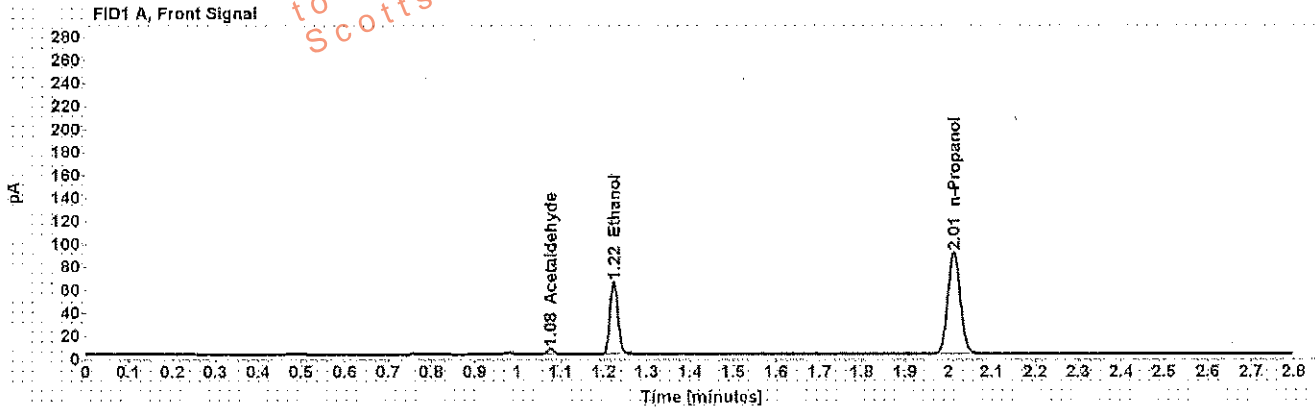


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.122
>Ethanol	0.1251	1.223	81.048
n-Propanol	-----	2.012	180.203

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.482
Ethanol	1.344	95.099
n-Propanol	2.375	211.659

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1196135
Injection date: 2/13/2018 11:26:12 AM	Vial: 38
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\38.D	

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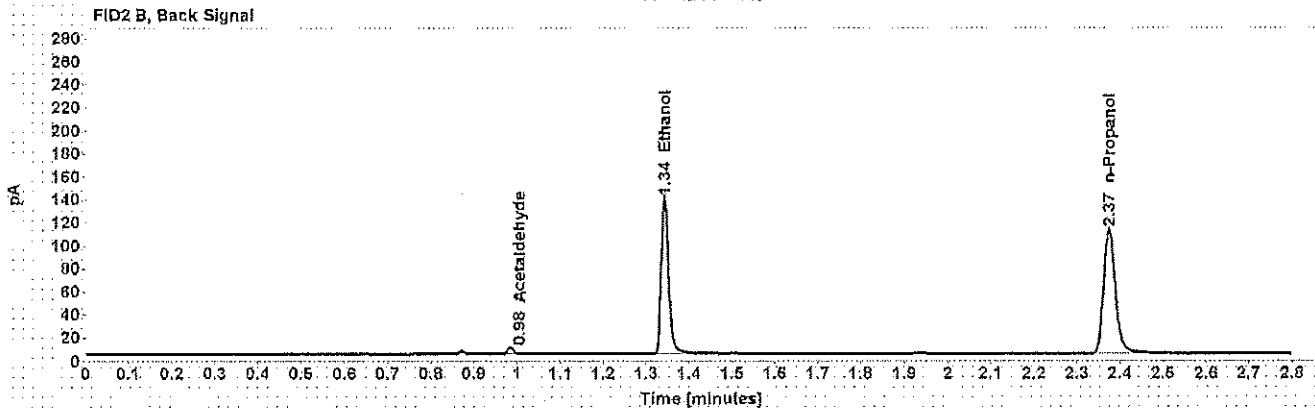
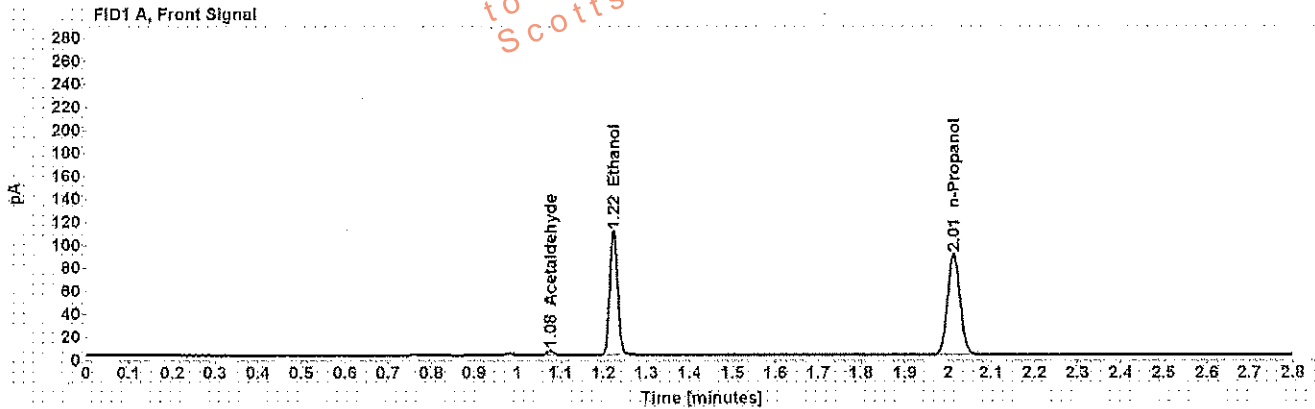


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.189
>Ethanol	0.2143	1.223	138.441
n-Propanol	-----	2.013	178.902

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.287
Ethanol	1.343	164.275
n-Propanol	2.375	210.131

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1196135
Injection date: 2/13/2018 11:30:12 AM	Vial: 39
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Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\39.D	

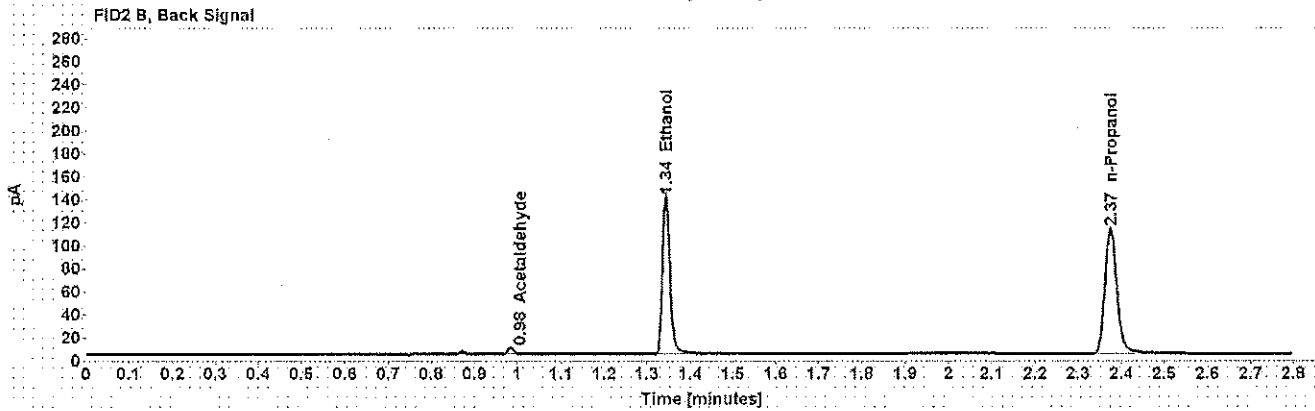
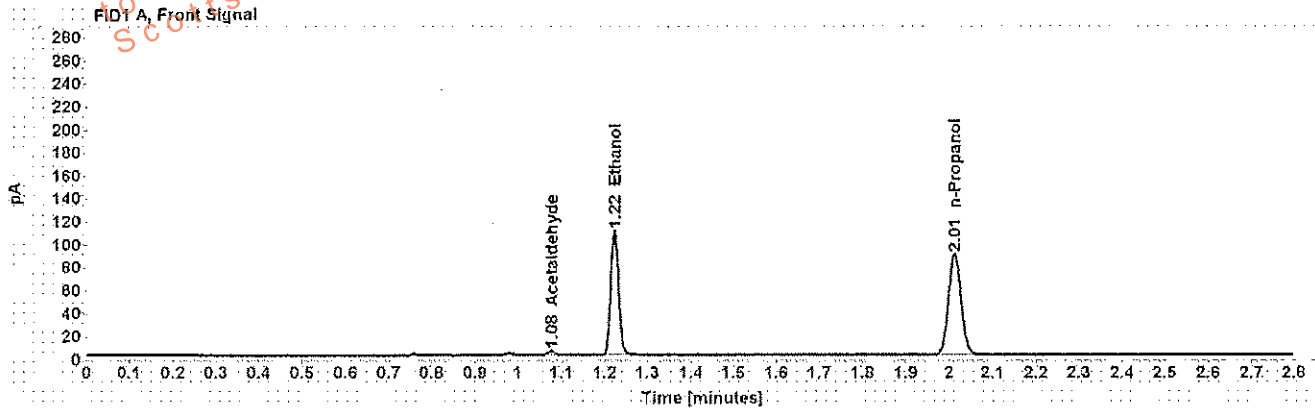


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.075
>Ethanol	0.2148	1.223	139.046
n-Propanol	-----	2.012	179.321

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.173
Ethanol	1.343	165.657
n-Propanol	2.375	210.711

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198044
Injection date: 2/13/2018 11:34:12 AM	Vial: 40
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 N14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\13Feb18\40.D	

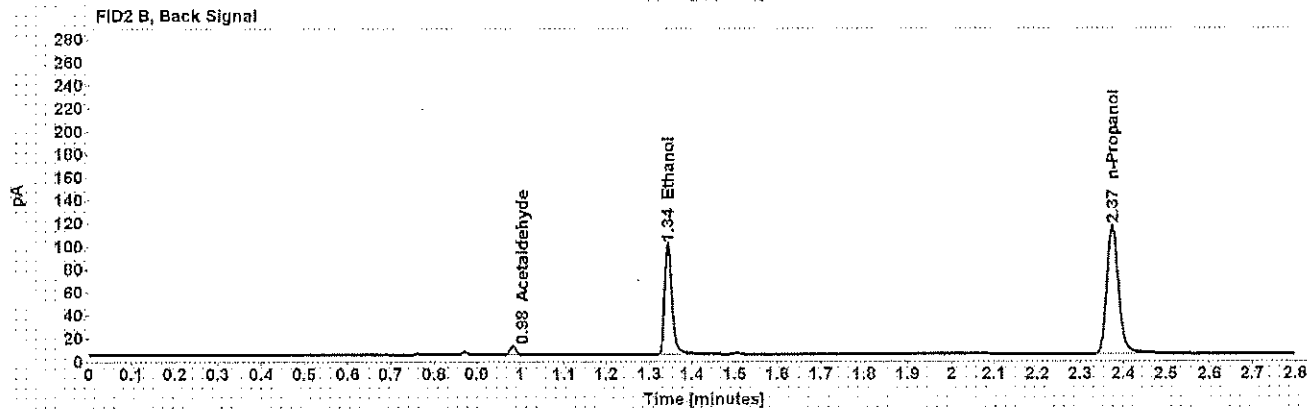
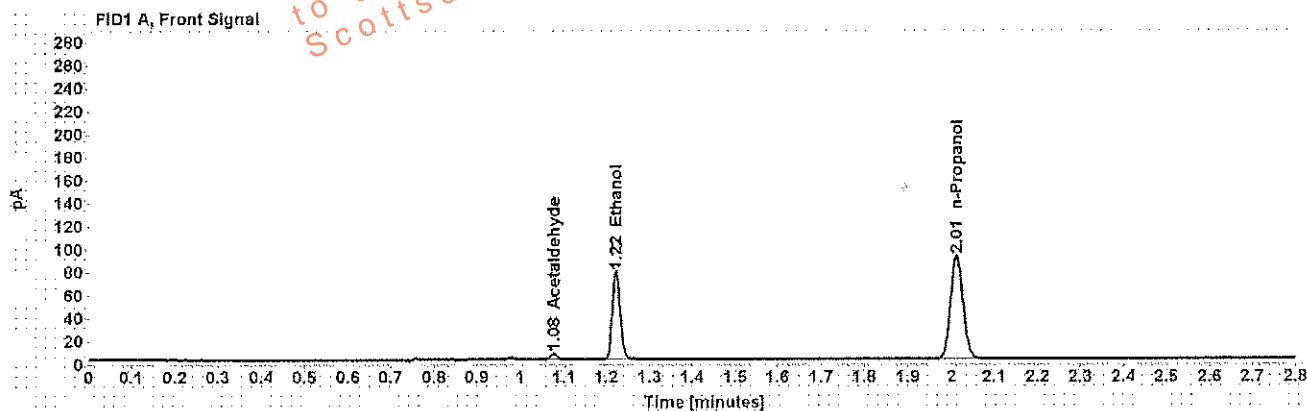


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.469
>Ethanol	0.1486	1.223	98.421
n-Propanol	-----	2.012	183.992

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.906
Ethanol	1.343	116.611
n-Propanol	2.375	216.050

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1198044
Injection date: 2/13/2018 11:38:11 AM	Vial: 41
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\41.D	

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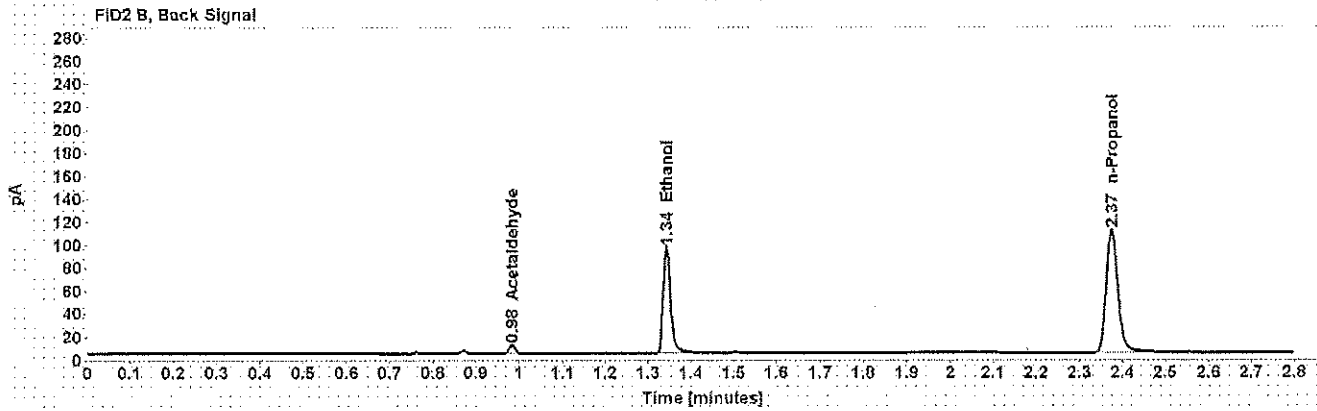
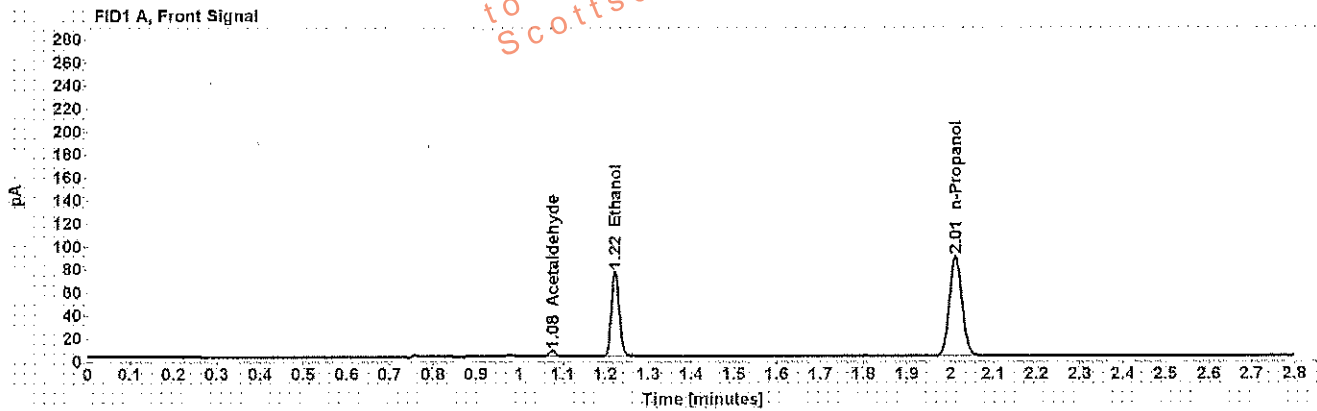


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.334
>Ethanol	0.1487	1.223	94.786
n-Propanol	-----	2.012	177.082

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.724
Ethanol	1.343	111.681
n-Propanol	2.374	207.442

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195977
Injection date: 2/13/2018 11:46:27 AM	Vial: 43
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\1\13Feb18\43.D	

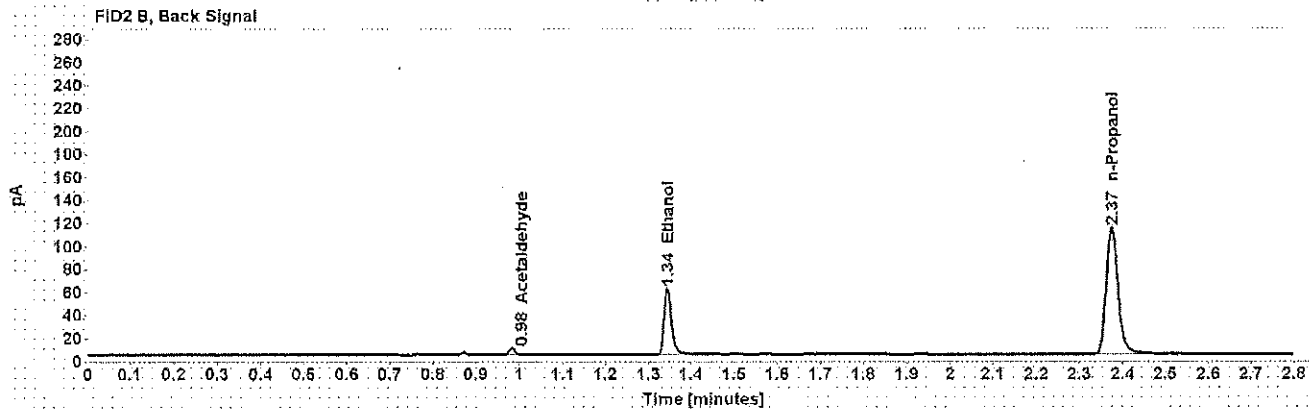
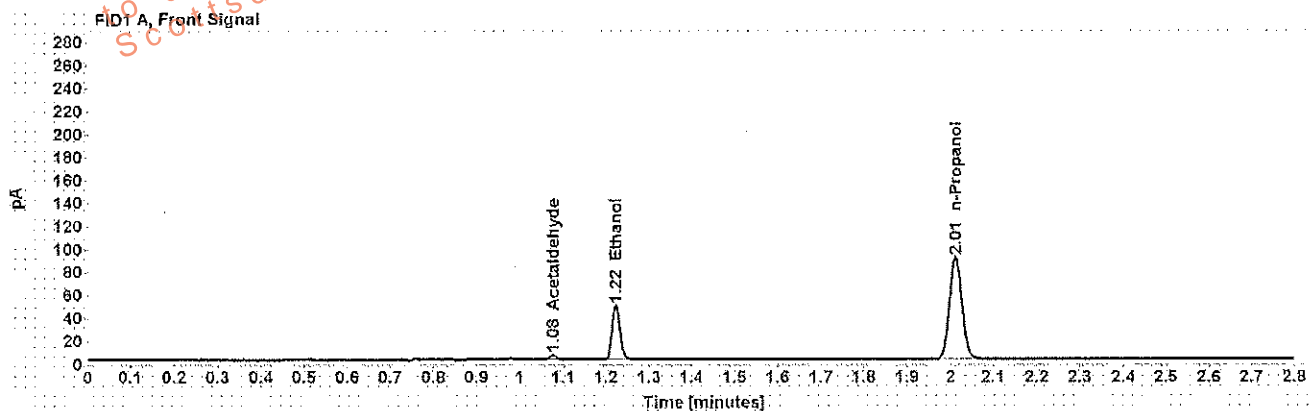


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.142
>Ethanol	0.0928	1.223	60.289
n-Propanol	-----	2.012	181.515

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.224
Ethanol	1.344	70.251
n-Propanol	2.375	213.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195977
Injection date: 2/13/2018 11:50:27 AM	Vial: 44
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\13Feb18\44.D	

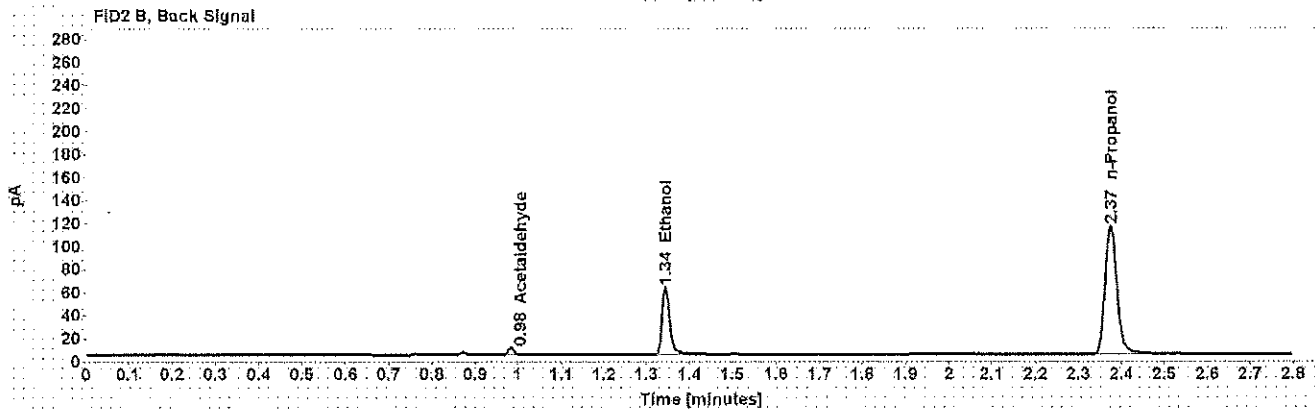
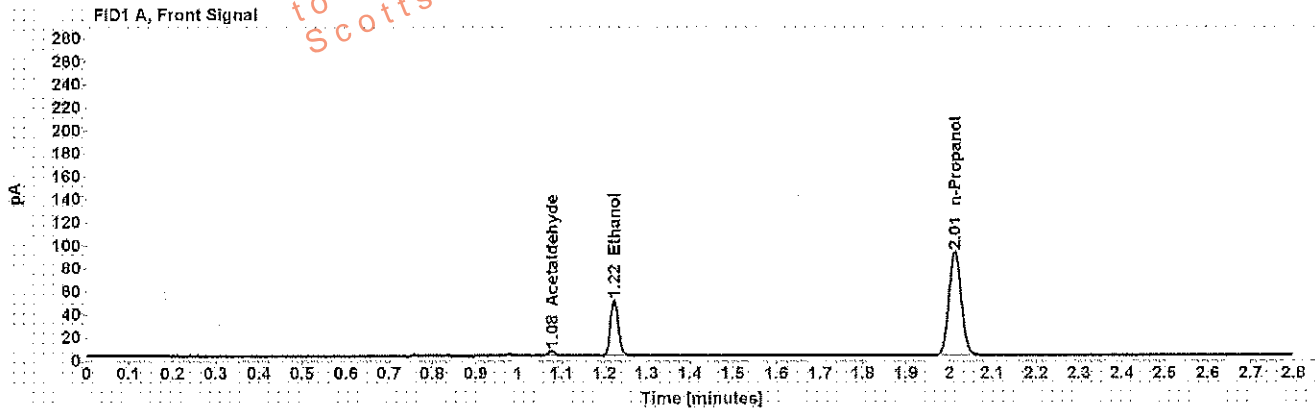


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.375
>Ethanol	0.0934	1.223	61.584
n-Propanol	-----	2.012	184.190

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.519
Ethanol	1.344	72.002
n-Propanol	2.375	216.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195809
Injection date: 2/13/2018 11:54:26 AM	Vial: 45
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\45.D	

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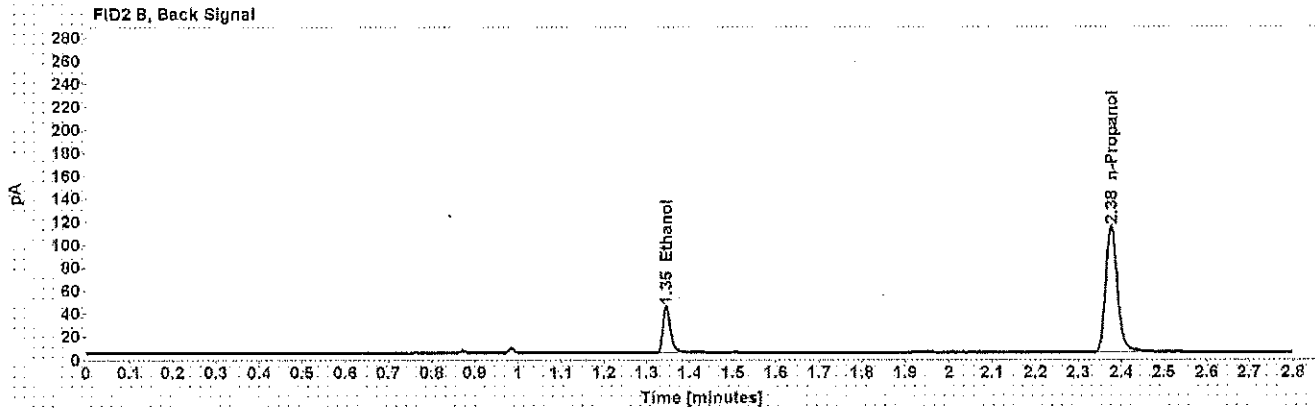
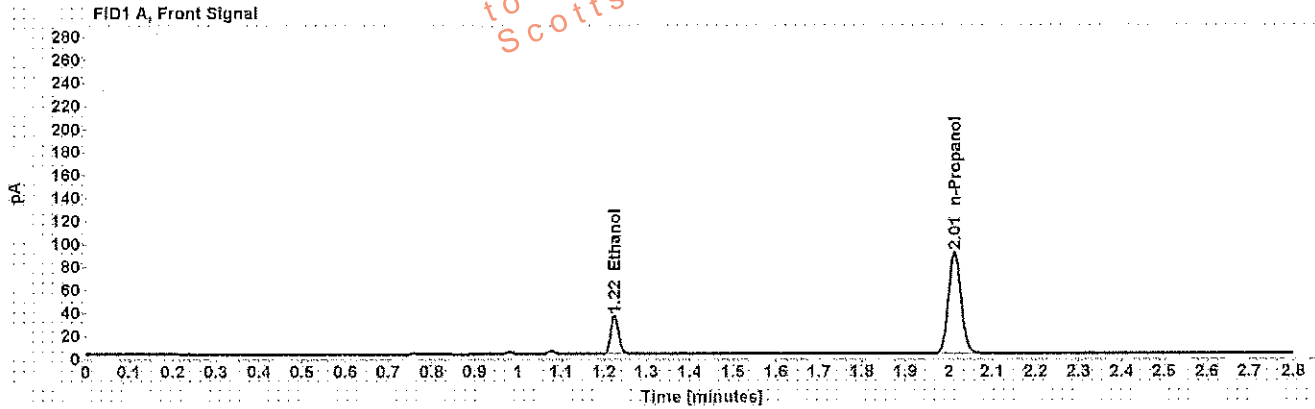


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0667	1.224	42.807
n-Propanol	-----	2.013	180.287

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

Compound	Time (min)	Peak Area
Ethanol	1.346	49.739
n-Propanol	2.378	211.438

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195809
Injection date: 2/13/2018 11:58:27 AM	Vial: 46
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\46.D	

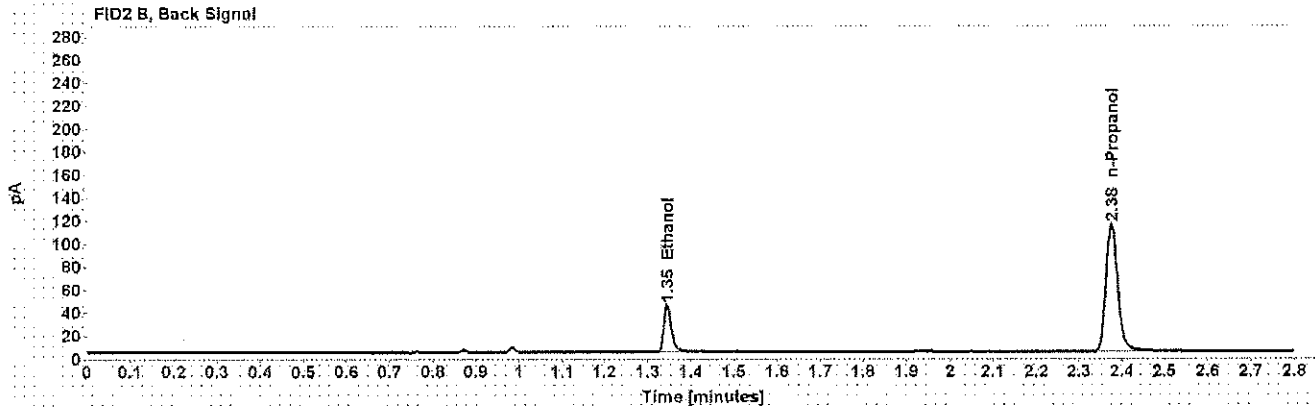
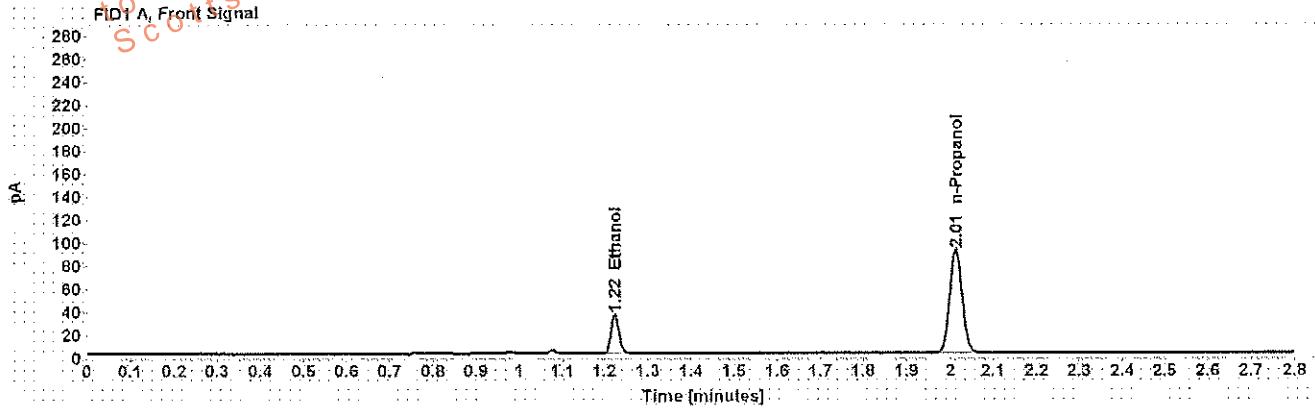


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0667	1.224	43.475
n-Propanol	-----	2.013	183.126

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

Compound	Time (min)	Peak Area
Ethanol	1.346	50.506
n-Propanol	2.376	215.010

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195936
Injection date: 2/13/2018 12:02:27 PM	Vial: 47
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\47.D	

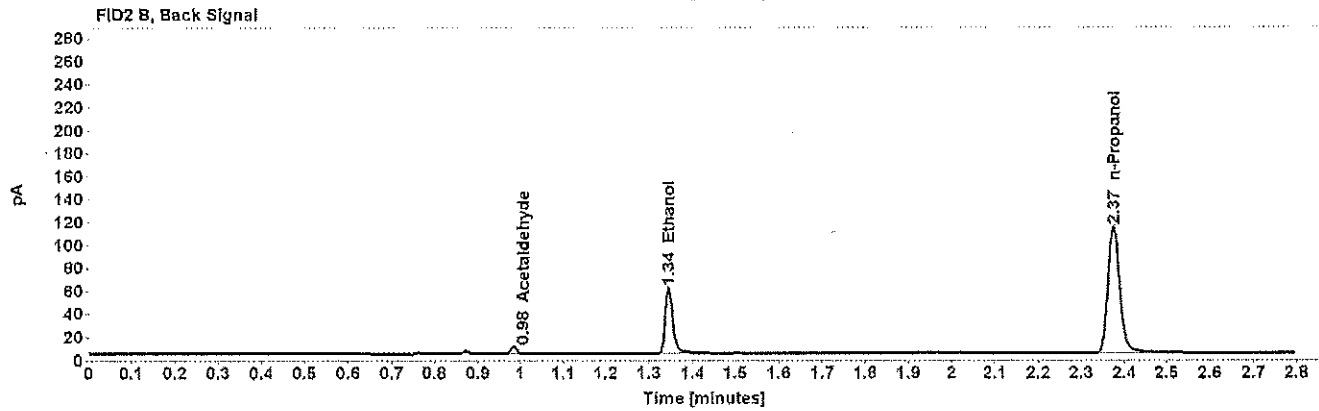
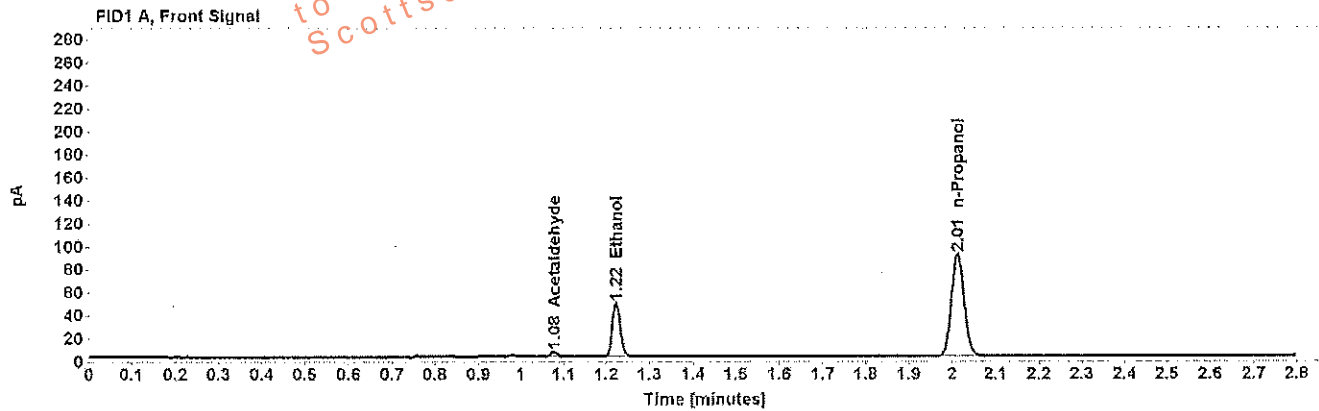


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.391
>Ethanol	0.0919	1.223	59.705
n-Propanol	-----	2.012	181.542

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.551
Ethanol	1.344	69.717
n-Propanol	2.375	212.989

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195936
Injection date: 2/13/2018 12:06:27 PM	Vial: 48
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\13Feb18\48.D	

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 Scottsdale City Prosecutor

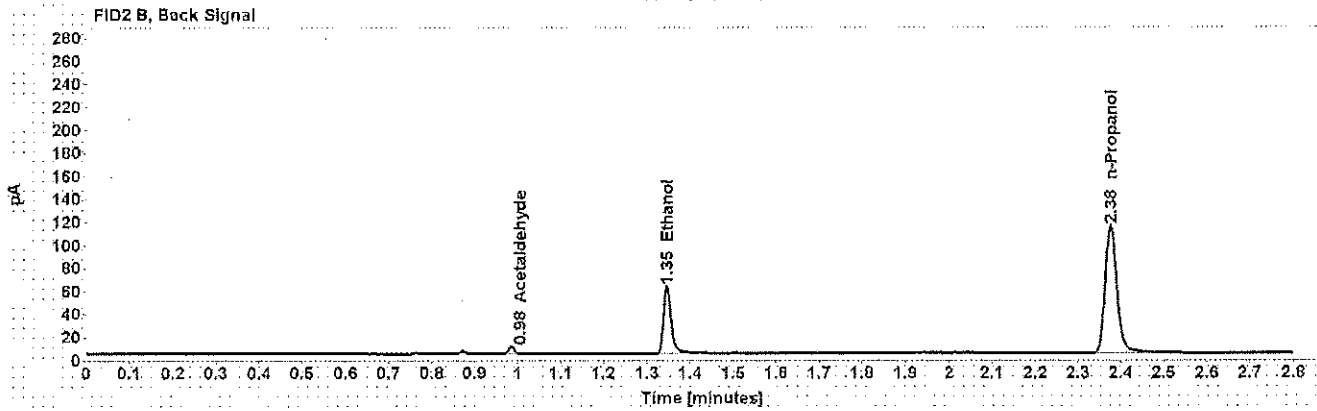
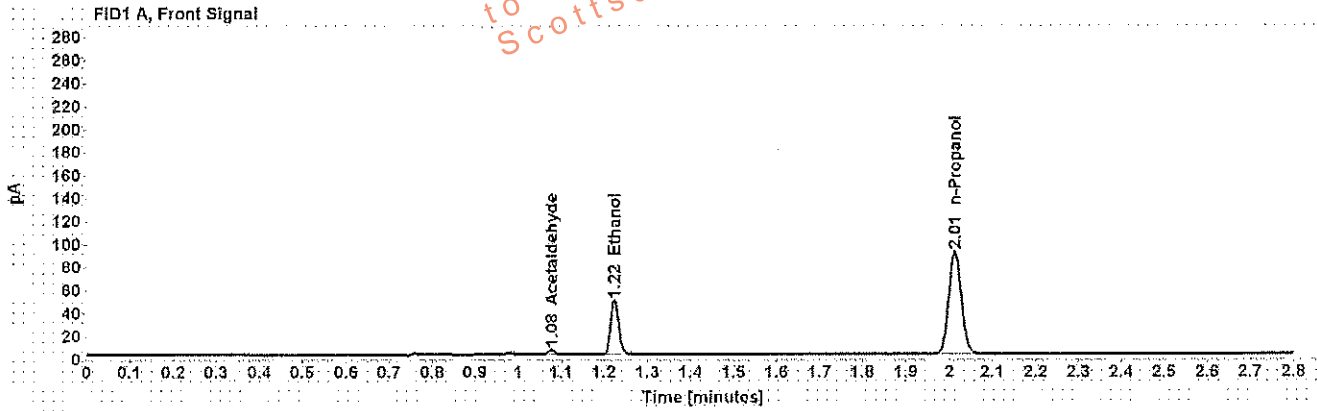


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.395
>Ethanol	0.0932	1.224	60.829
n-Propanol	-----	2.014	182.294

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.528
Ethanol	1.346	71.039
n-Propanol	2.376	214.165

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194885
Injection date: 2/13/2018 12:10:42 PM	Vial: 49
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\13Feb18\49.D	

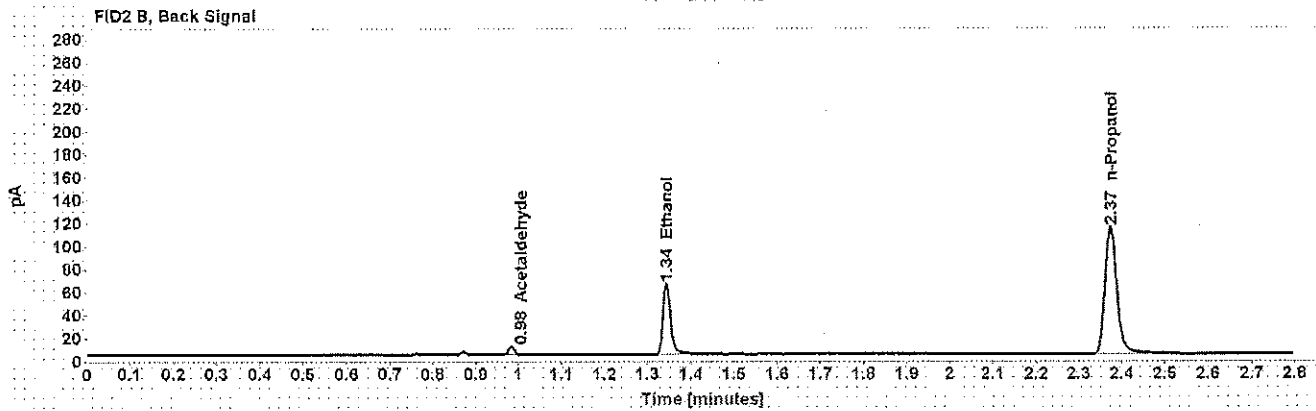
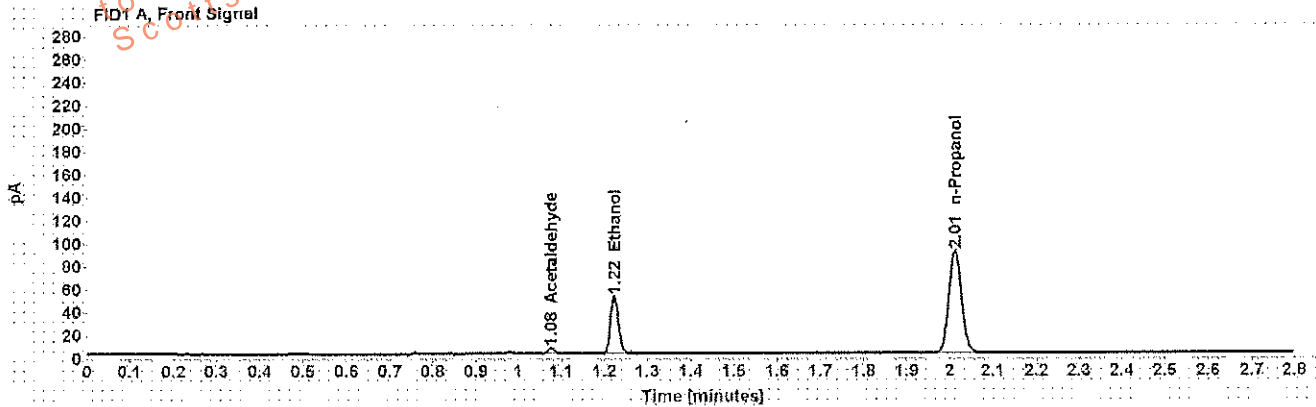


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.209
>Ethanol	0.0983	1.223	64.071
n-Propanol	-----	2.012	181.938

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.586
Ethanol	1.344	74.944
n-Propanol	2.374	213.809

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194885
Injection date: 2/13/2018 12:14:42 PM	Vial: 50
Method: ethanol quant.M	Sequence: 13Feb18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\13Feb18\50.D	

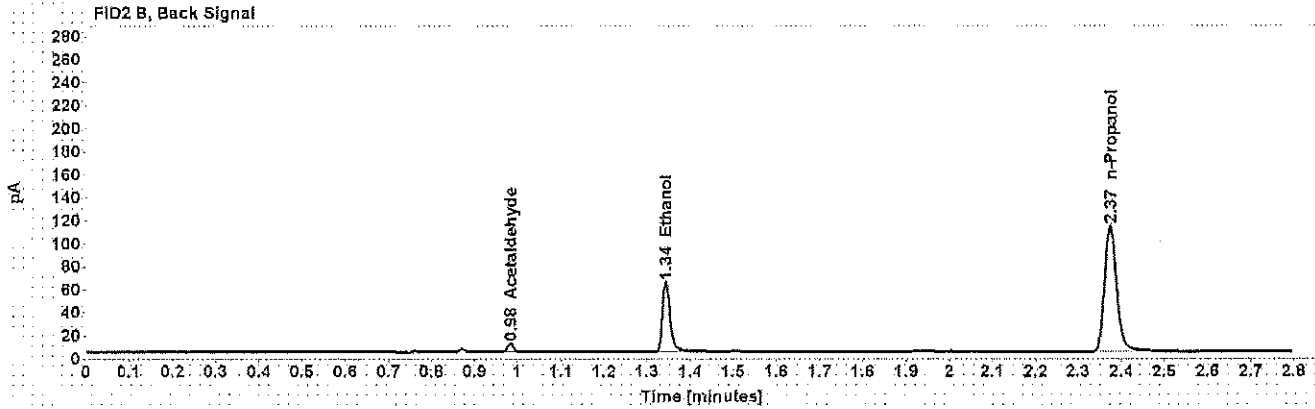
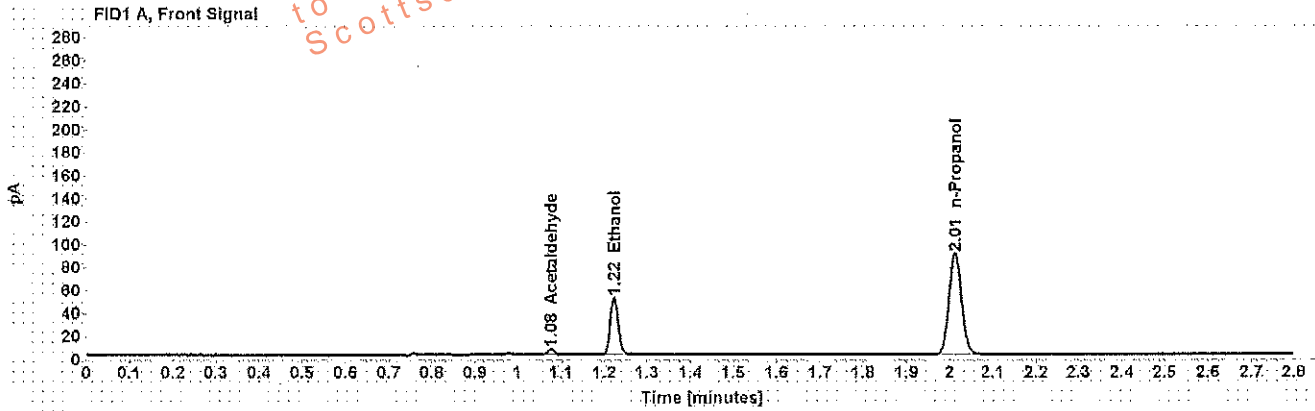


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.286
>Ethanol	0.0984	1.223	63.546
n-Propanol	-----	2.012	180.220

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.674
Ethanol	1.344	74.160
n-Propanol	2.374	211.617