

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 1/24/2018 SEQUENCE NAME 24Jan18

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 0.99999
 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	0.399 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 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	0.153 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.204 g/dL	ACQ 407041529/3
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
60	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 08012015-C
61	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
62	Blood control	0.198 g/dL	0.204 g/dL	ACQ 407041529/3
63	Blank	Not detected	Not detected	SPD lab 010318

SUBJECT SAMPLES

Subjects in the sequence 23 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid WA B1570 1/25/18 Analyst
 Run valid Run invalid KOSECKI 1/29/18 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

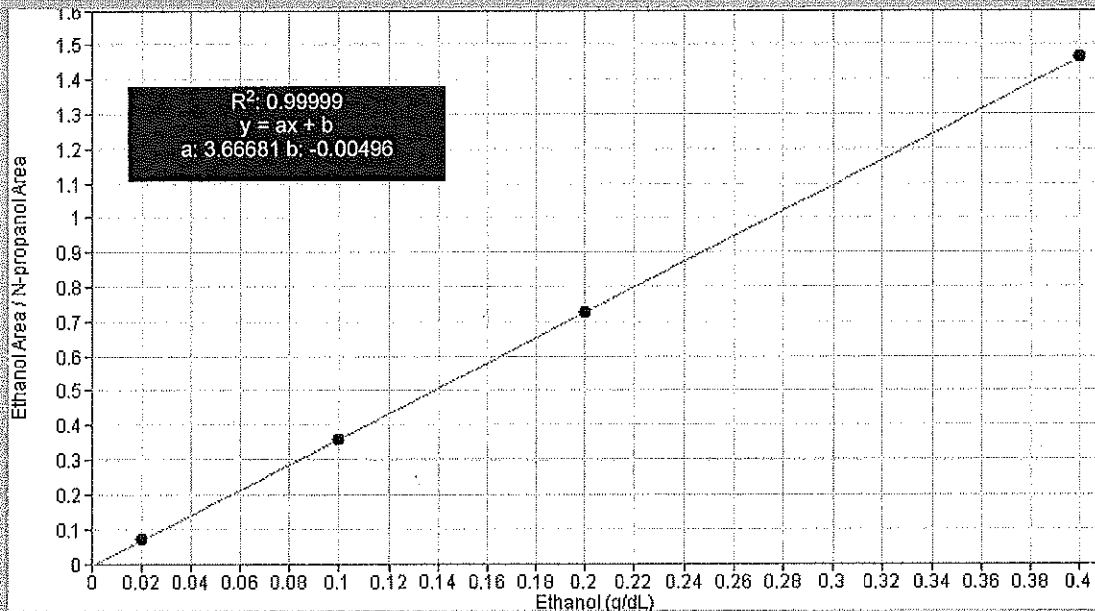
SEQUENCE NAME: 24Jan18

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	0.399	0.400	0.25	-0.001
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
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	0.153	0.150	2.00	0.003
0.198 ACQ 407041529/3	42	0.204	0.198	3.03	0.006
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.40 Lipomed 08012015-C	60	0.408	0.400	2.00	0.008
0.04 Lipomed 09022015-A	61	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	62	0.204	0.198	3.03	0.006
blank 010318	63	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.122	171.618	0.071
0.100	62.464	173.185	0.361
0.200	125.665	173.173	0.726
0.400	255.087	174.327	1.463

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

W/A

Sample: 0.020 Cerilliant FN03241604	Item number: 1
Injection date: 1/24/2018 11:13:06 AM	Vial: 1
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\1.D	

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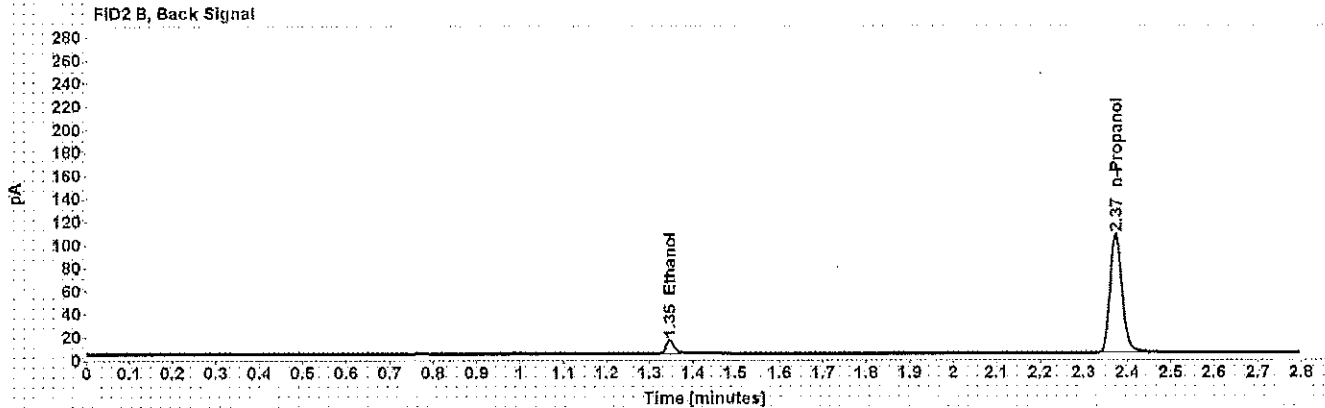
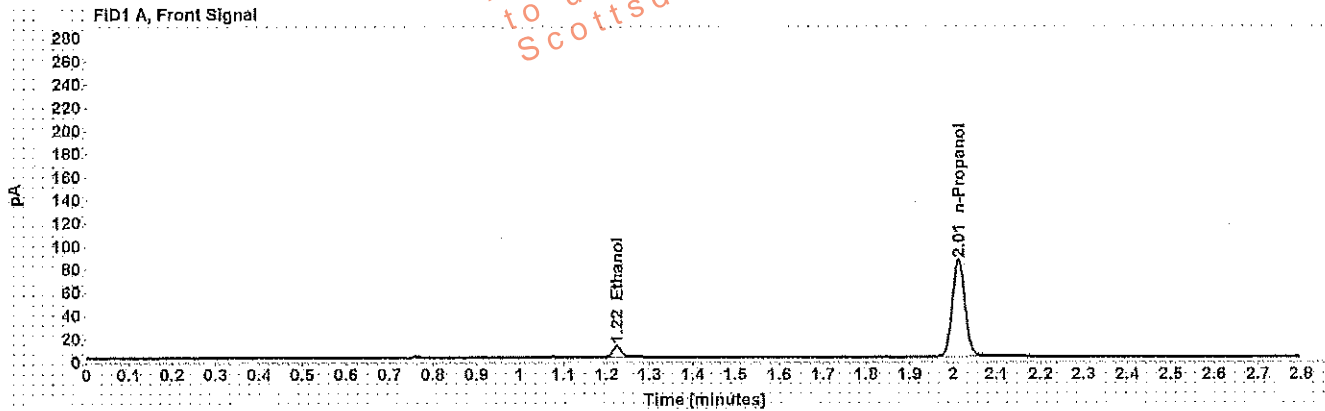


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	12.122
n-Propanol	2.012	171.618

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

Compound	Time (min)	Peak Area
Ethanol	1.346	14.116
n-Propanol	2.374	198.488

Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 1/24/2018 11:17:06 AM	Vial: 2
Method: ethanol quant M	Sequence: 24Jan18
Instrument: US14173023 QN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\2.D	

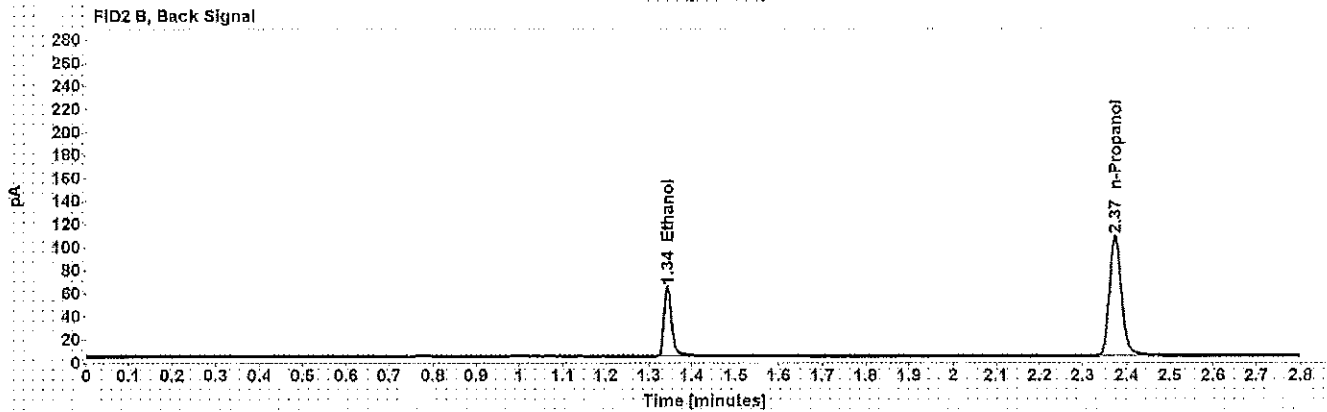
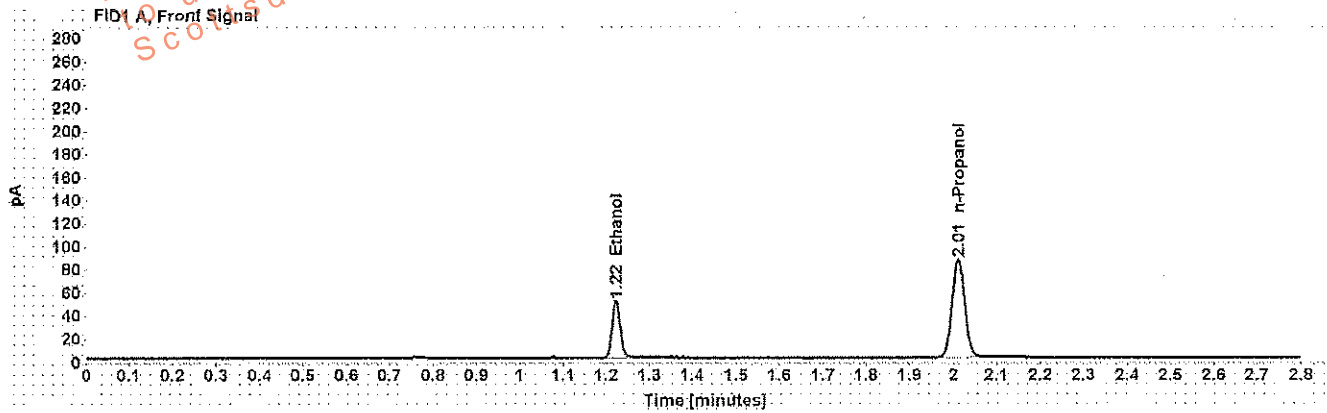


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	62.464
n-Propanol	2.012	173.165

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

Compound	Time (min)	Peak Area
Ethanol	1.343	74.153
n-Propanol	2.374	200.495

Scottsdale Police Department Crime Lab Volatiles Analysis

WM

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 1/24/2018 11:21:07 AM	Vial: 3
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1\Data\24Jan18\3.D	

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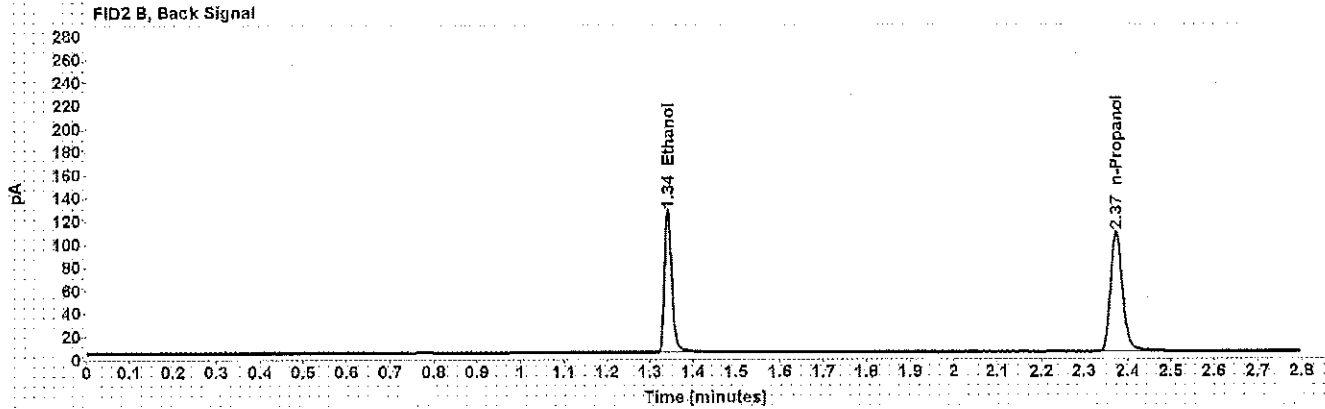
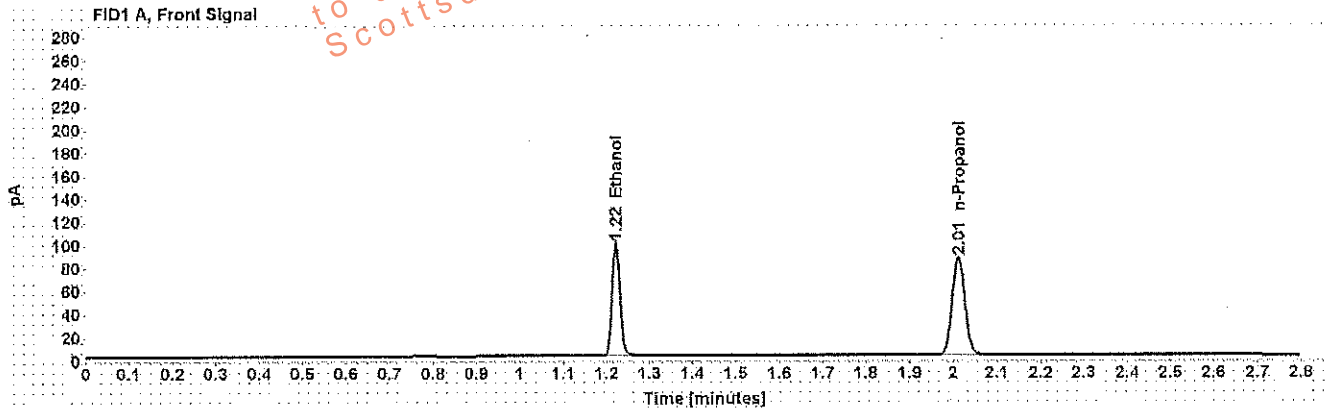


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	125.665
n-Propanol	2.012	173.173

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

Compound	Time (min)	Peak Area
Ethanol	1.342	149.394
n-Propanol	2.374	200.481

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN1191402	Item number:
Injection date: 1/24/2018 11:25:07 AM	Vial: 4
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\4.D	

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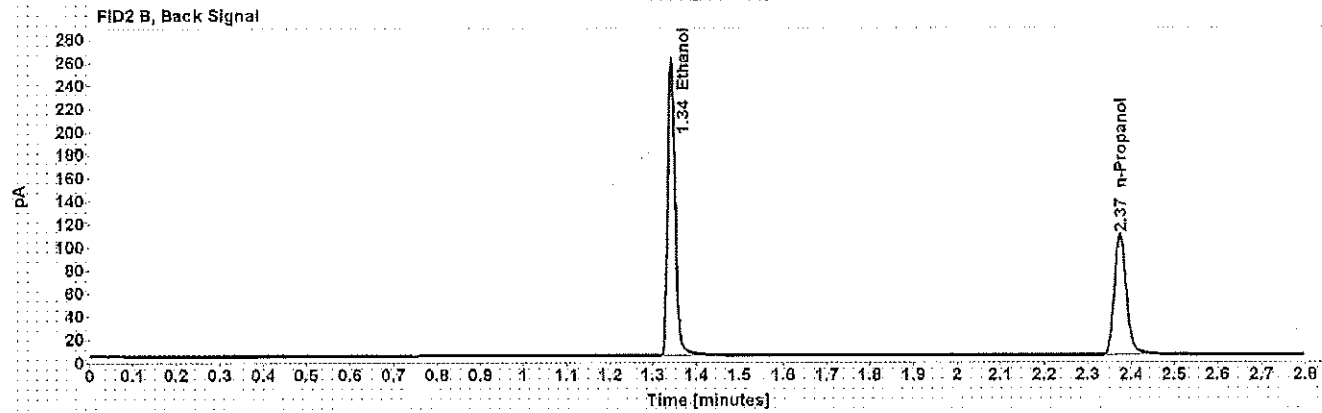
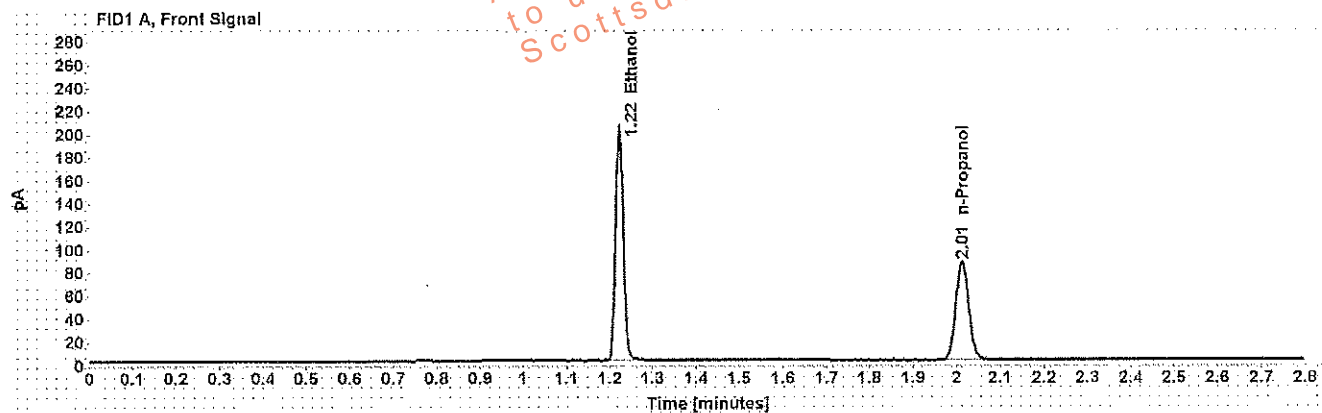


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	255.087
n-Propanol	2.012	174.327

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

Compound	Time (min)	Peak Area
Ethanol	1.342	305.544
n-Propanol	2.374	201.988

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 010318	Item number: WA
Injection date: 1/24/2018 11:29:06 AM	Vial: 5
Method: ethanol quant M	Sequence: 24Jan18
Instrument: US14173023 QN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\5.D	

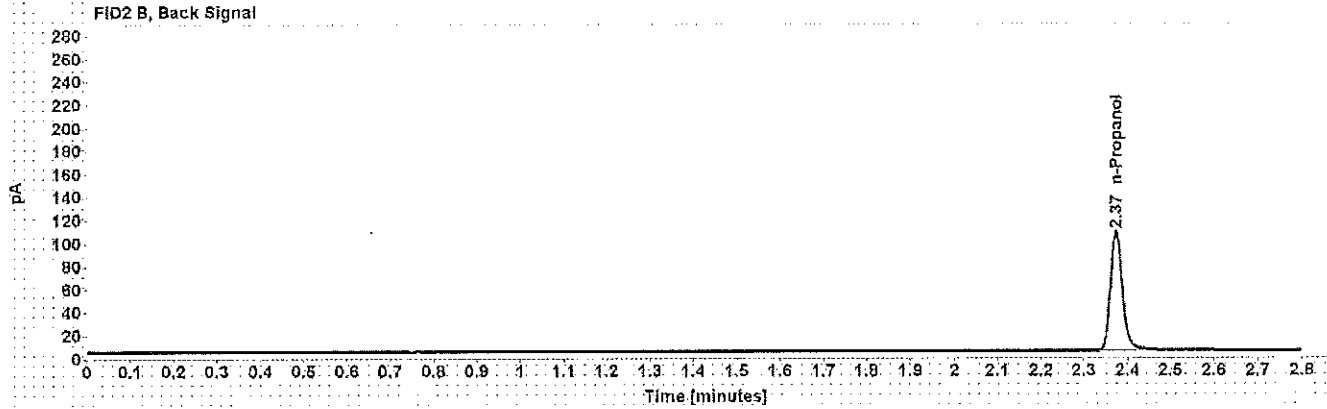
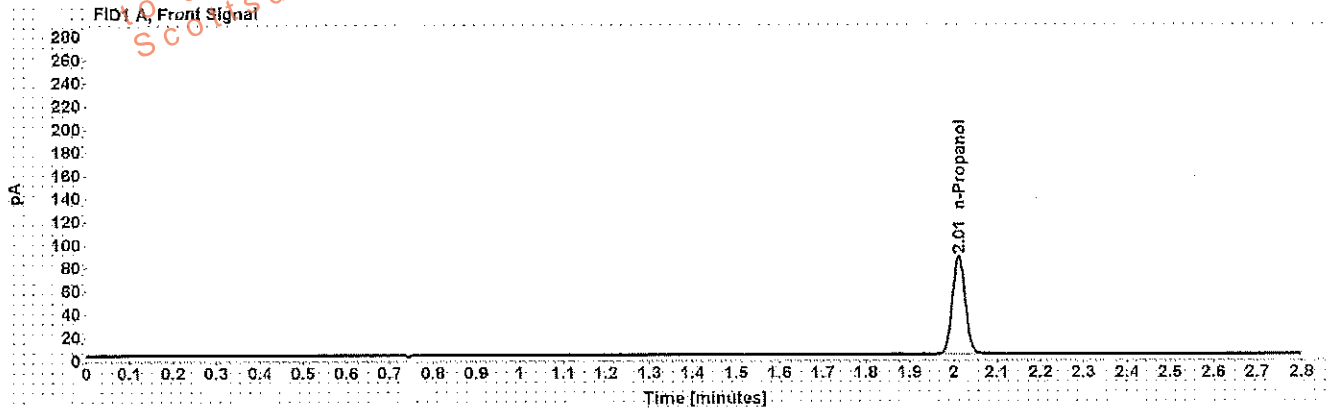


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	173.441

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

Compound	Time (min)	Peak Area
n-Propanol	2.374	199.909

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: volatiles mix 020917 WLA	Item number: WA
Injection date: 1/24/2018 11:33:06 AM	Vial: 6
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\6.D	

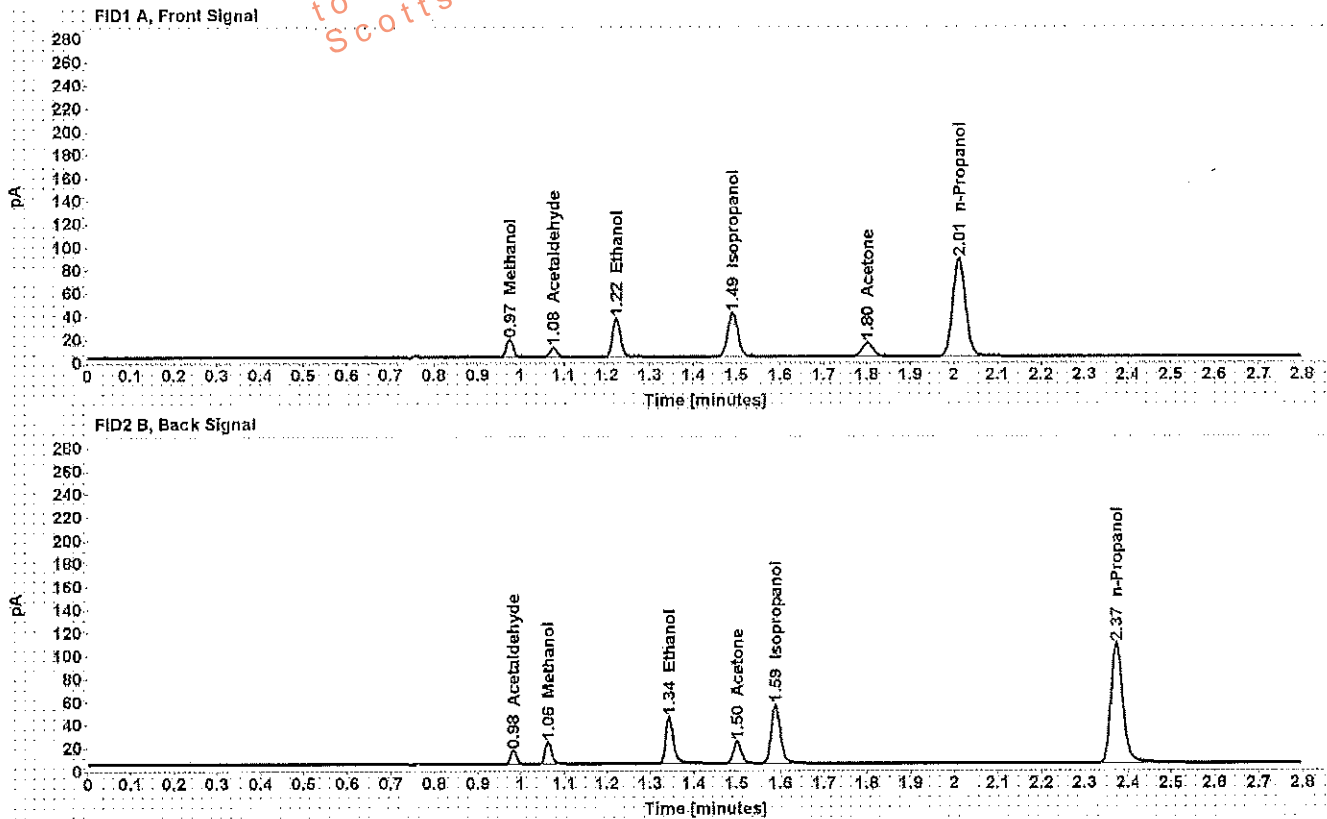


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.975	16.902
Acetaldehyde	-----	1.076	8.759
>Ethanol	0.0685	1.223	42.604
Isopropanol	-----	1.491	61.867
Acetone	-----	1.802	21.007
n-Propanol	-----	2.012	173.016

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	11.007
Methanol	1.063	20.115
Ethanol	1.343	50.148
Acetone	1.500	23.959
Isopropanol	1.589	74.067
n-Propanol	2.373	200.399

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 08012015-C
Injection date: 1/24/2018 11:37:21 AM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\24Jan18\7.D

Item number: _____
Vial: 7
Sequence: 24Jan18
Analyst: Adrian

LWA

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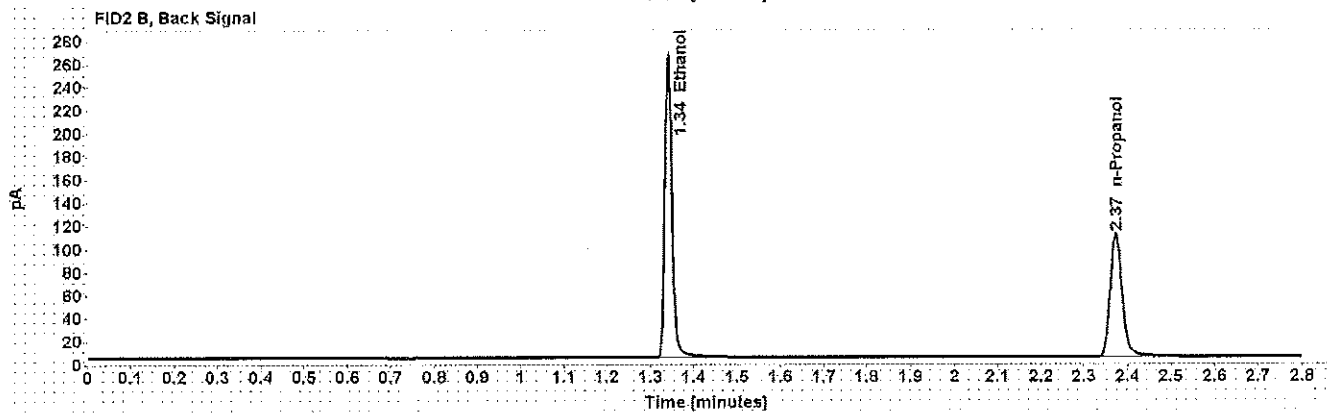
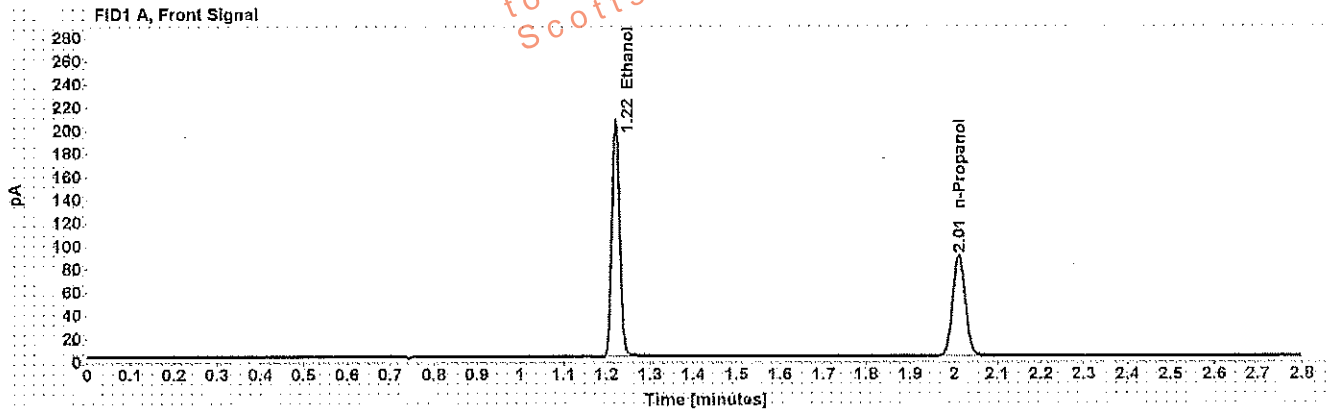


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3994	1.221	260.363
n-Propanol	-----	2.011	178.383

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

Compound	Time (min)	Peak Area
Ethanol	1.341	311.474
n-Propanol	2.373	206.837

Scottsdale Police Department Crime Lab Volatiles Analysis

L/A

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 1/24/2018 11:41:21 AM	Vial: 8
Method: ethanof quant M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\24Jan18\8.D	

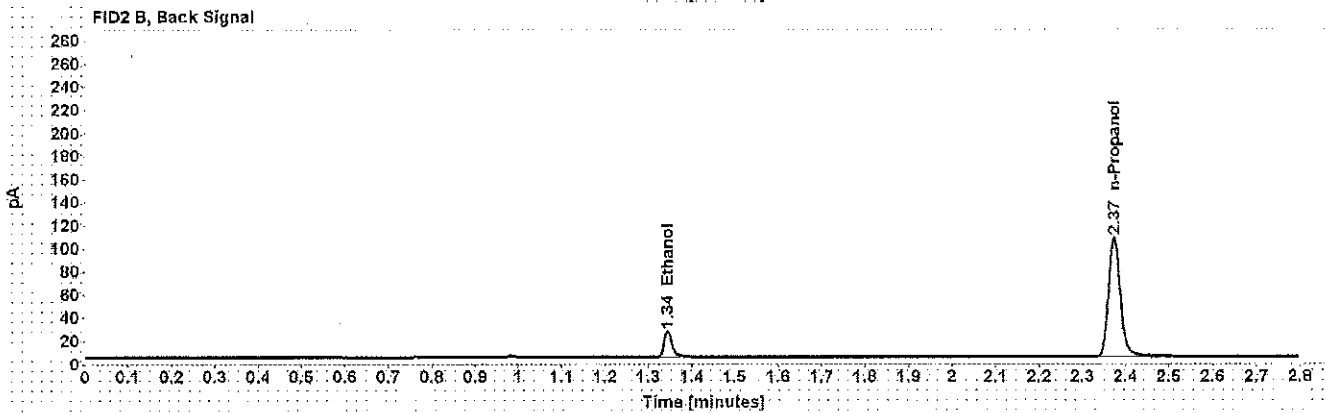
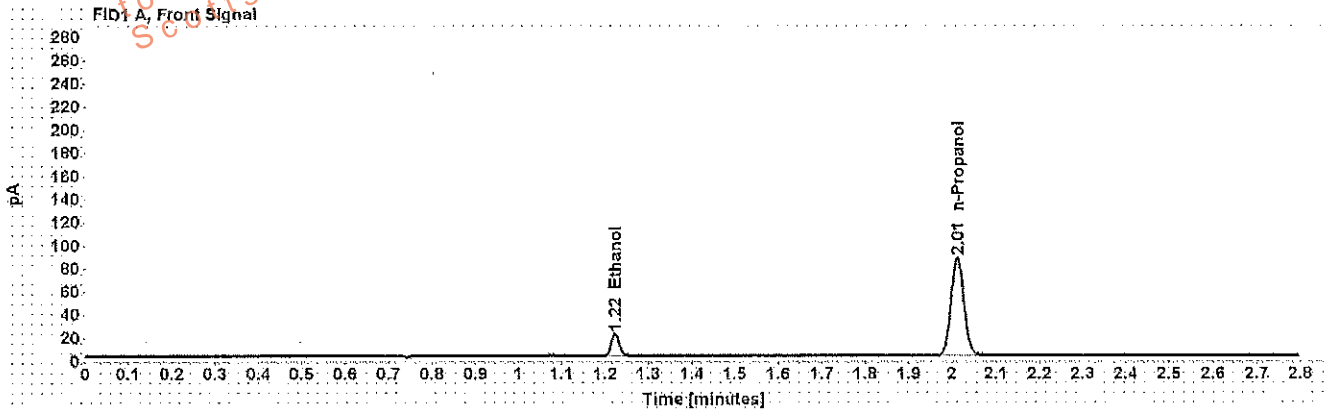


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.223	24.556
n-Propanol	-----	2.012	173.522

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

Compound	Time (min)	Peak Area
Ethanol	1.344	28.406
n-Propanol	2.374	200.585

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 1/24/2018 11:45:21 AM	Vial: 9
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\9.D	

W/A

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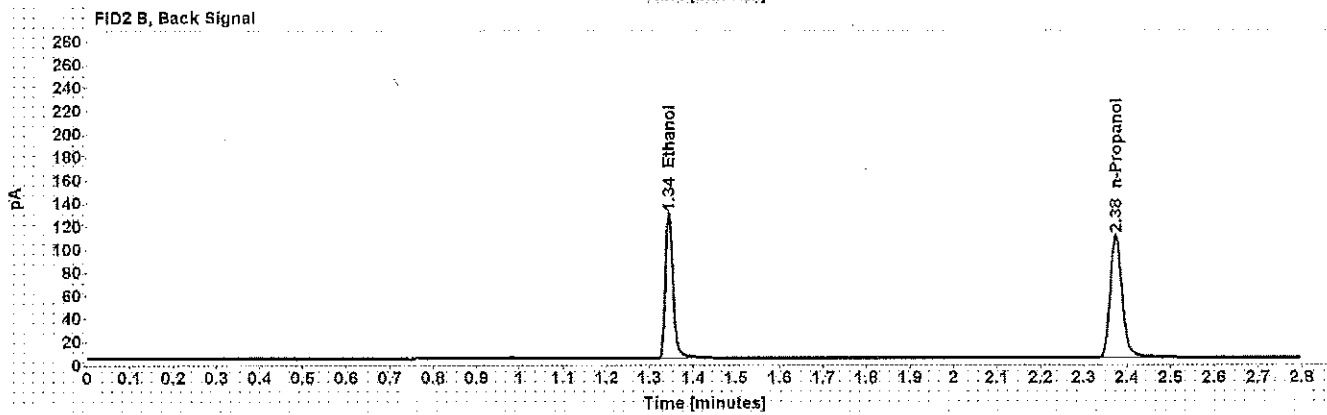
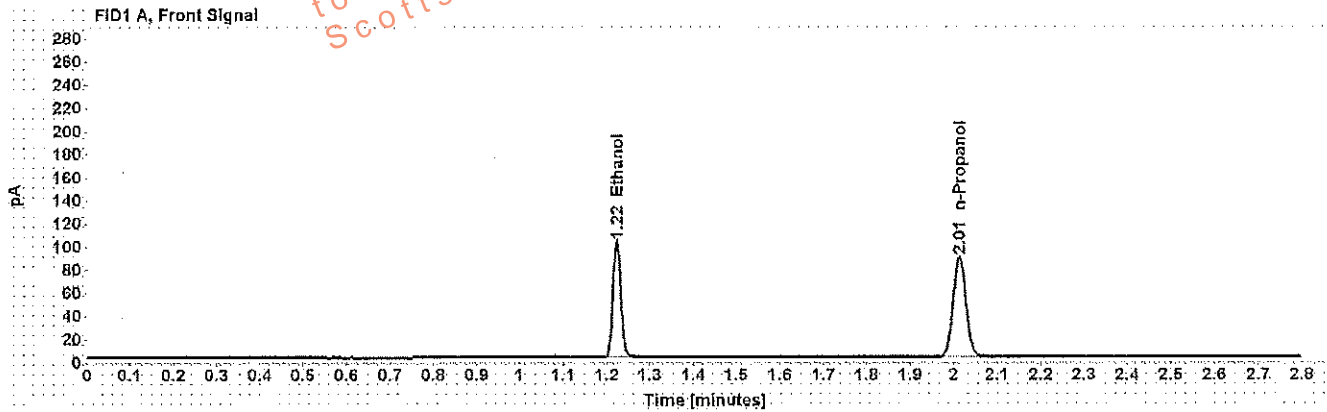


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1998	1.223	129.008
n-Propanol	-----	2.013	177.255

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

Compound	Time (min)	Peak Area
Ethanol	1.344	153.318
n-Propanol	2.375	204.832

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B
Injection date: 1/24/2018 12:29:51 PM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\24Jan18\20.D

Item number: _____
Vial: 20
Sequence: 24Jan18
Analyst: Adrian

-WA

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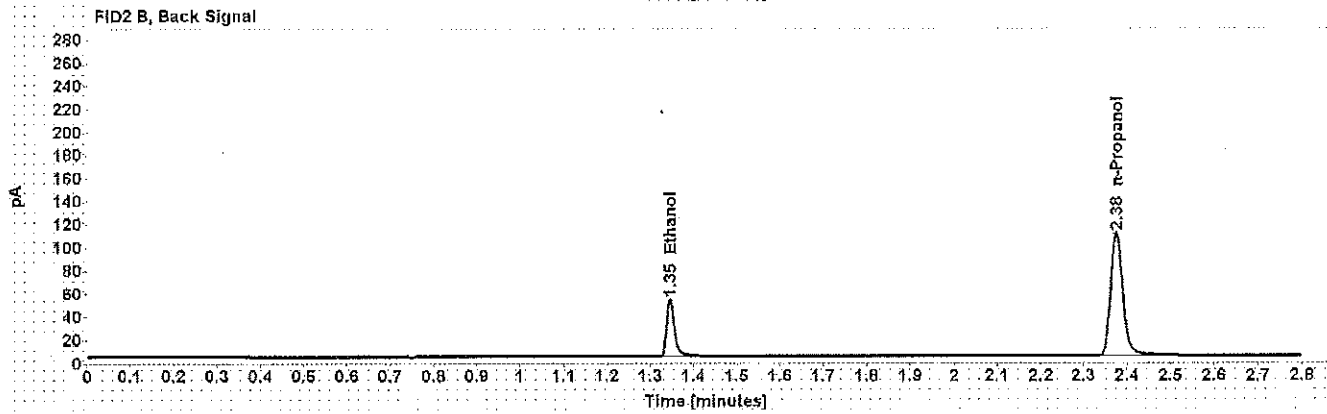
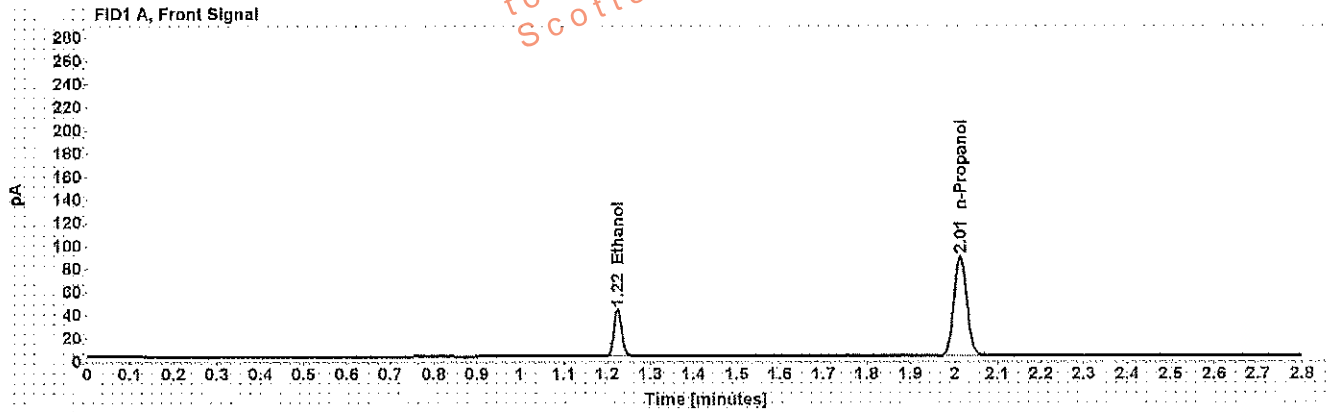


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0816	1.224	52.070
n-Propanol	-----	2.014	176.880

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

Compound	Time (min)	Peak Area
Ethanol	1.346	61.412
n-Propanol	2.376	205.696

Scottsdale Police Department Crime Lab Volatiles Analysis

W-1A

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 1/24/2018 1:14:22 PM	Vial: 31
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\31.D	

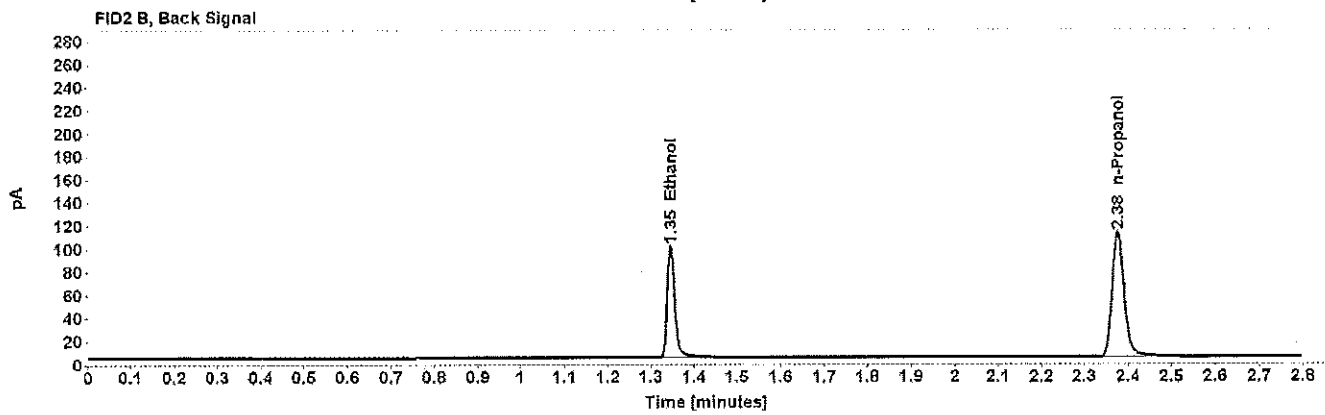
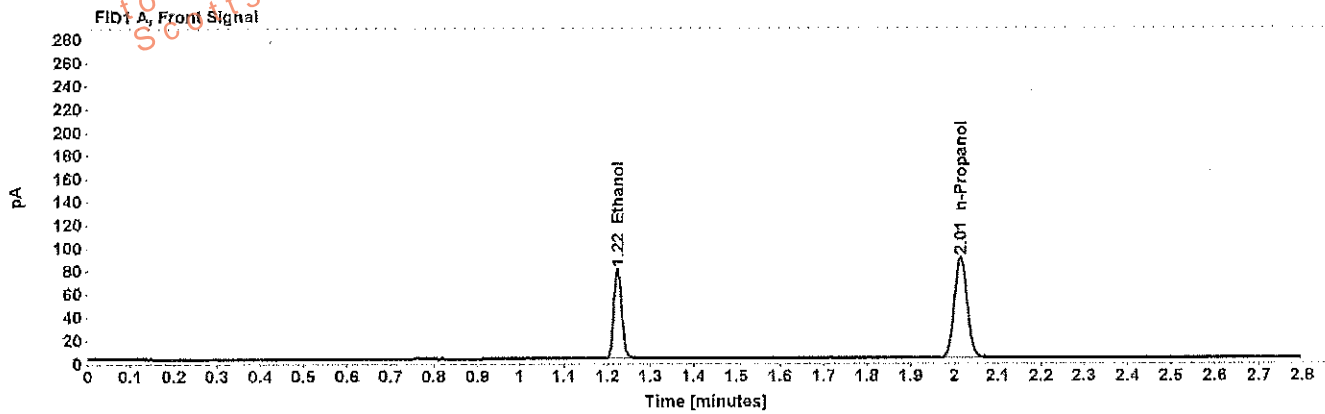


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1535	1.224	99.662
n-Propanol	----	2.014	178.602

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

Compound	Time (min)	Peak Area
Ethanol	1.345	118.022
n-Propanol	2.377	208.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number: 147
Injection date: 1/24/2018 1:58:37 PM	Vial: 42
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\42.D	

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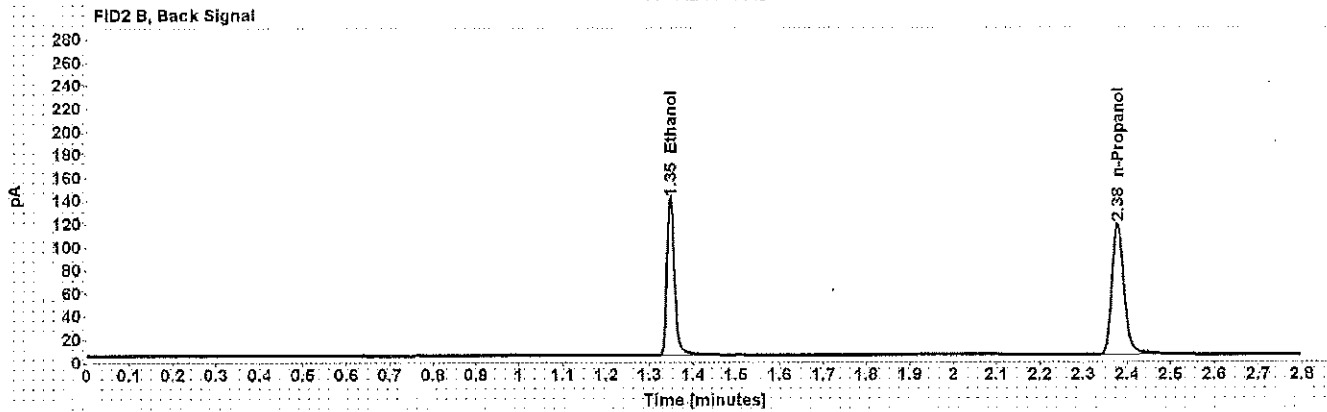
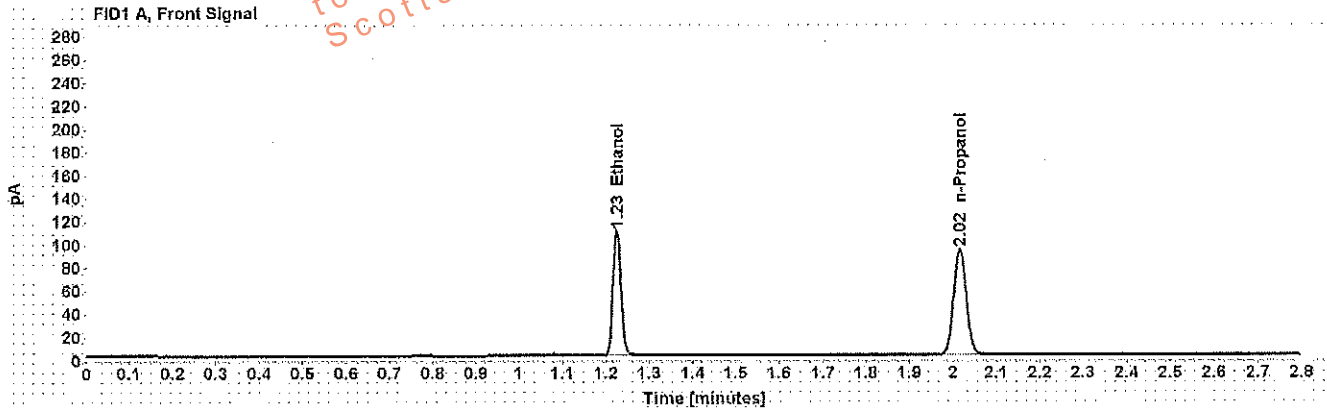


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2046	1.226	139.318
n-Propanol	-----	2.015	186.961

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

Compound	Time (min)	Peak Area
Ethanol	1.348	166.436
n-Propanol	2.379	218.324

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.080 Lipomed 28082014-B	Item number: M4
Injection date: 1/24/2018 2:43:07 PM	Vial: 53
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\53.D	

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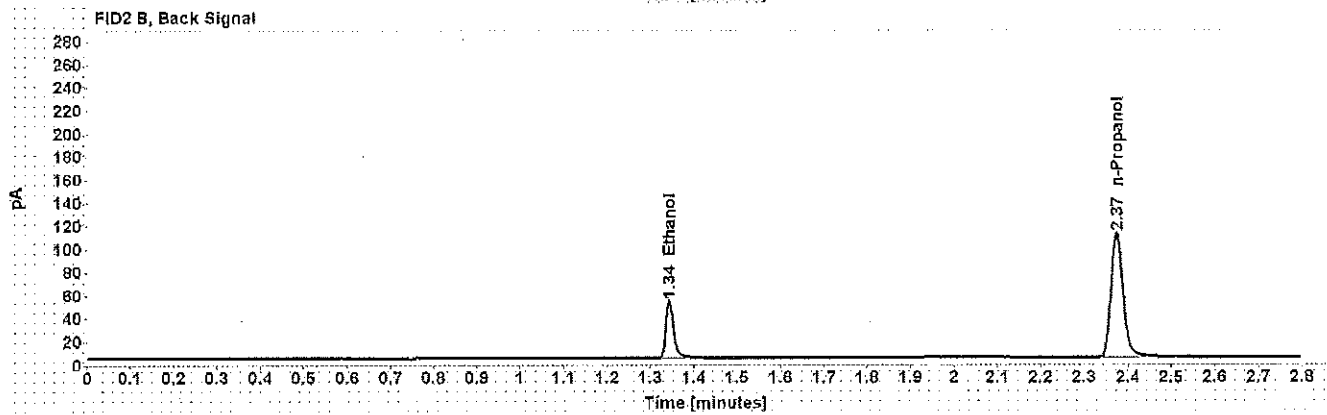
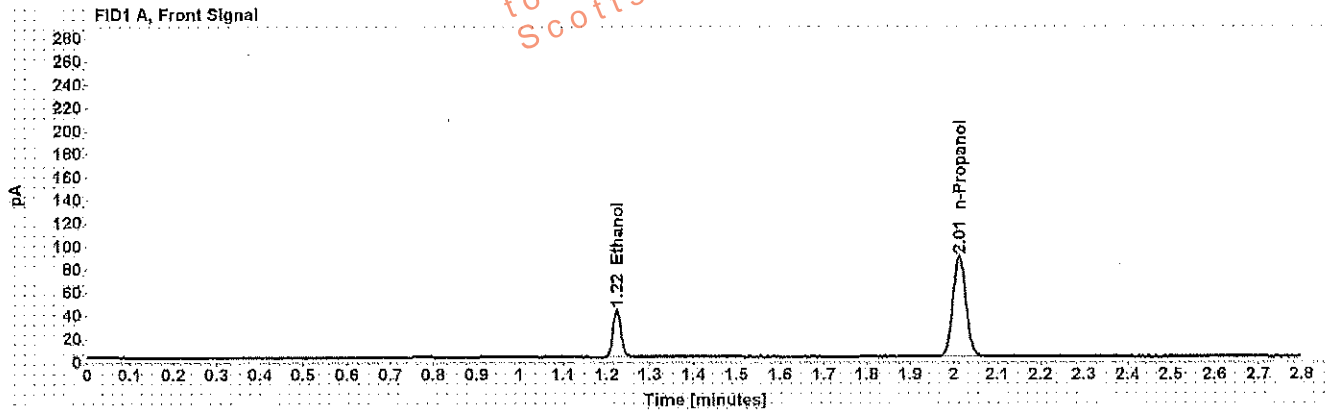


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.223	52.077
n-Propanol	-----	2.012	178.134

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

Compound	Time (min)	Peak Area
Ethanol	1.344	61.525
n-Propanol	2.374	208.546

Scottsdale Police Department Crime Lab Volatiles Analysis

LJA

Sample: 0.40 Lipomed 08012015-C Injection date: 1/24/2018 3:11:21 PM Method: ethanol quant.M Instrument: US14173023 CN14160045 Data file: C:\Chem32\11\Data\24Jan18\60.D	Item number: Vial: 60 Sequence: 24Jan18 Analyst: Adrian
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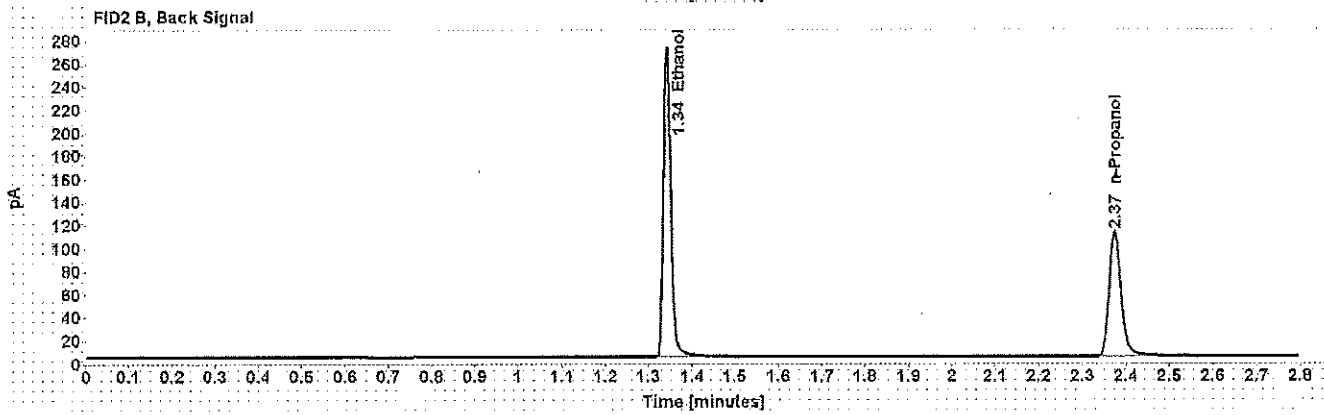
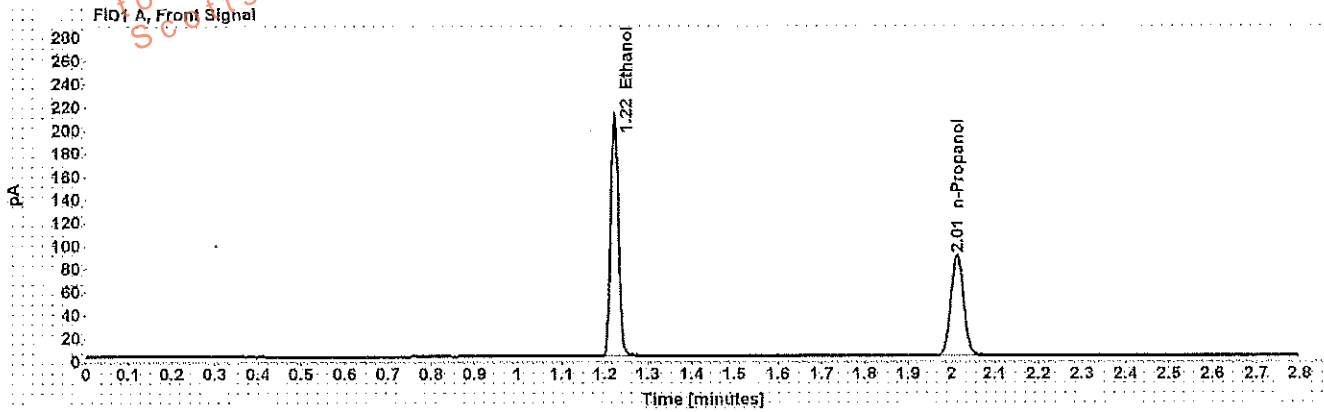


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4085	1.222	266.329
n-Propanol	-----	2.012	178.373

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

Compound	Time (min)	Peak Area
Ethanol	1.343	320.673
n-Propanol	2.375	209.253

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A	Item number:
Injection date: 1/24/2018 3:15:37 PM	Vial: 61
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\61.D	

LJ4

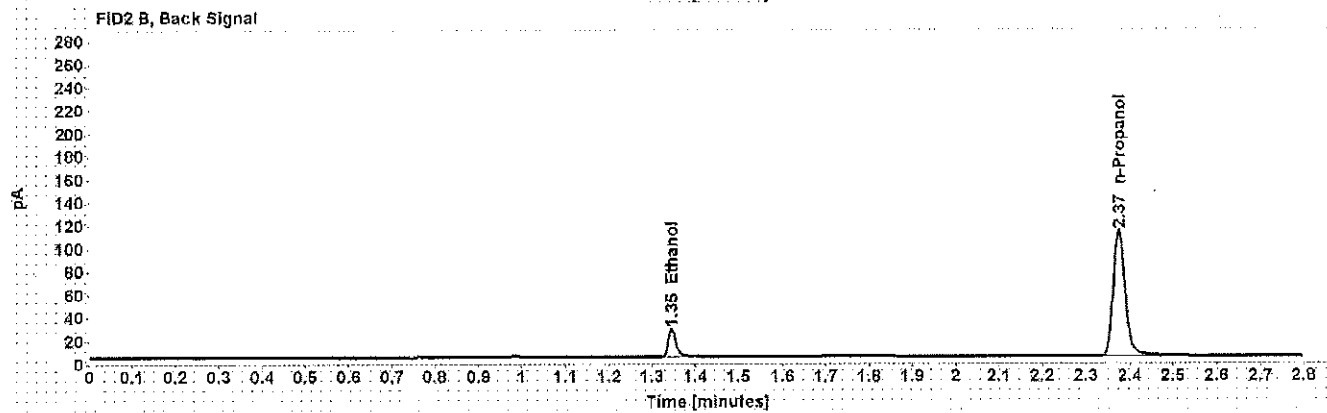
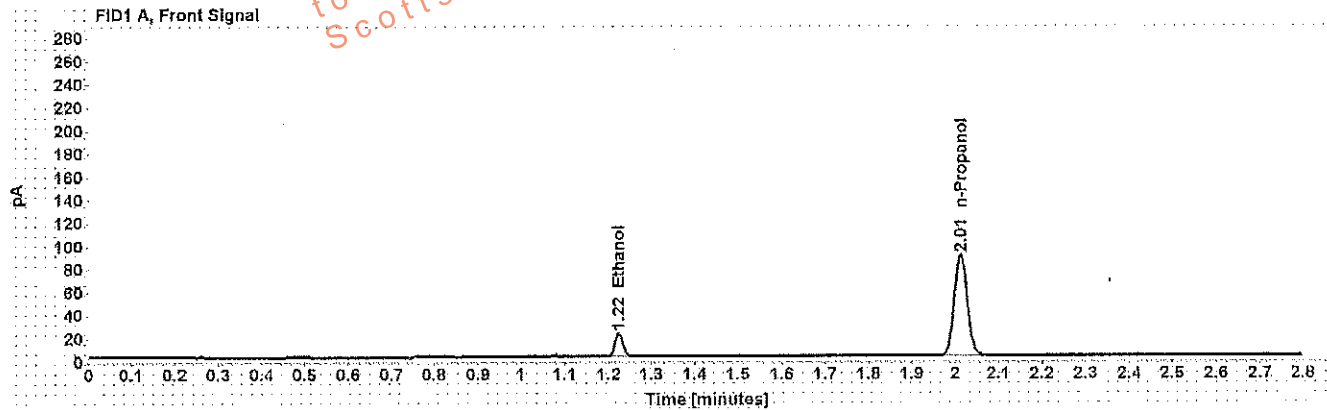


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.224	25.865
n-Propanol	-----	2.012	179.774

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

Compound	Time (min)	Peak Area
Ethanol	1.345	30.068
n-Propanol	2.374	210.832

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number: LMA
Injection date: 1/24/2018 3:19:36 PM	Vial: 62
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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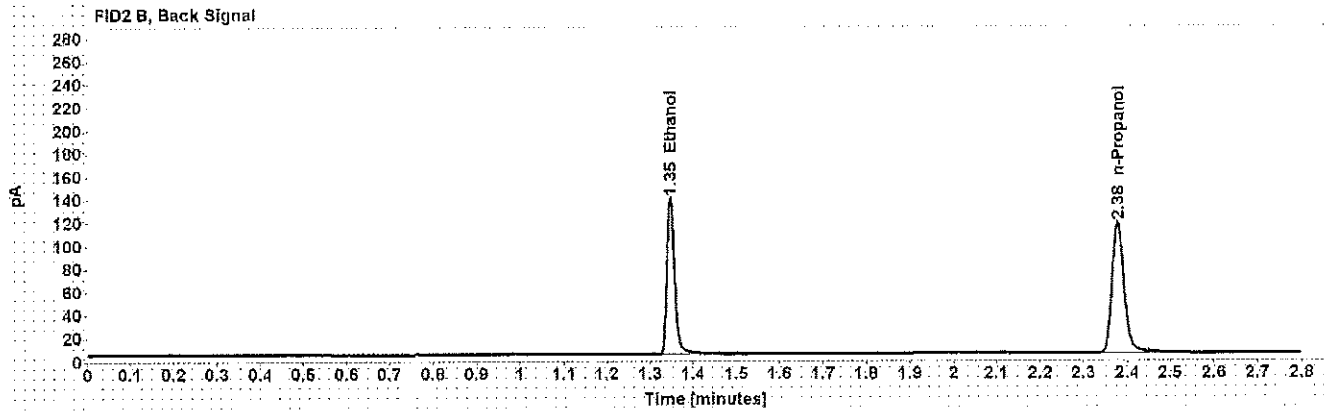
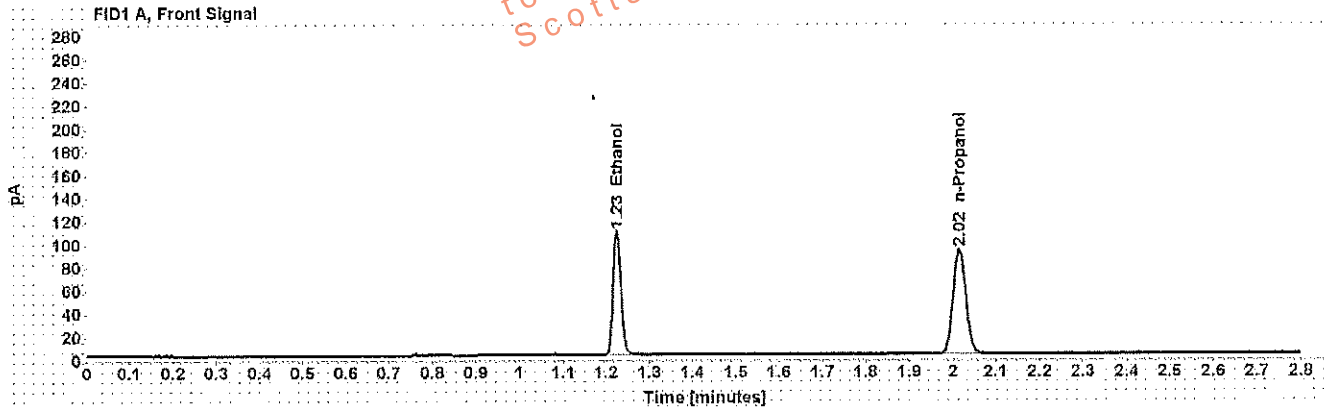


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2042	1.225	138.600
n-Propanol	-----	2.015	186.375

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

Compound	Time (min)	Peak Area
Ethanol	1.348	166.039
n-Propanol	2.379	218.943

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 010318	Item number: 144
Injection date: 1/24/2018 3:23:37 PM	Vial: 63
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\63.D	

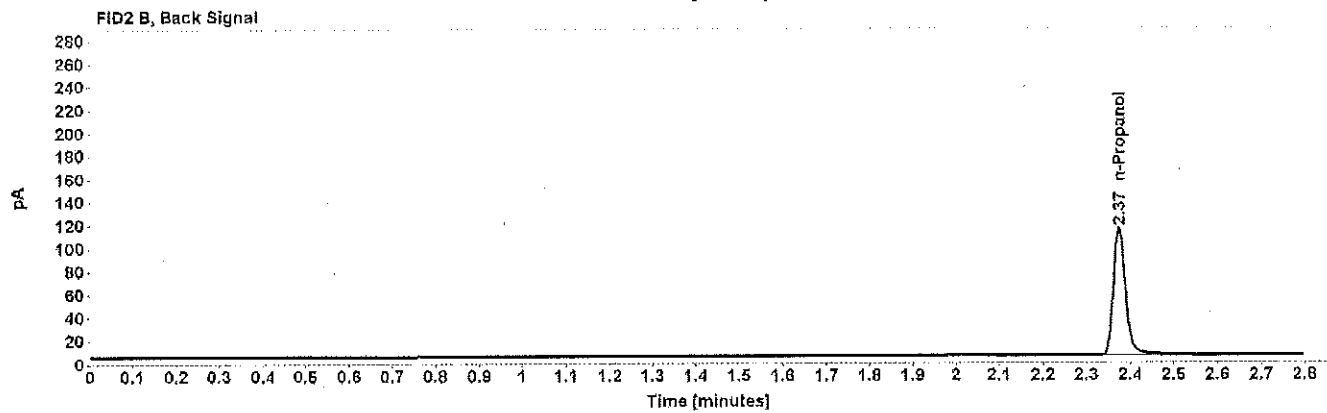
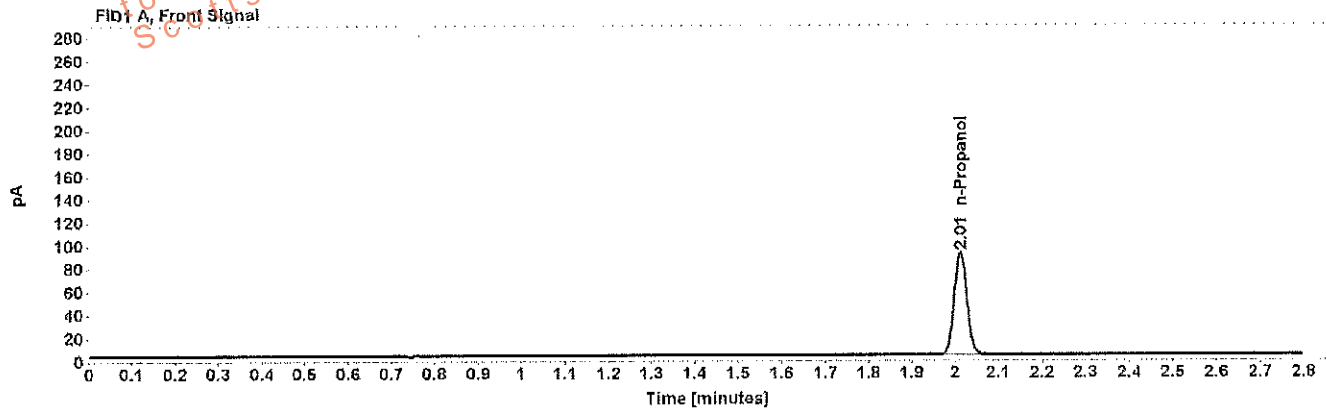


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	182.132

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	213.412

Sequence Summary

WA

Sequence name: 24Jan18 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	1175812	ethanol quant.M
11		Sample	1175812	ethanol quant.M
12		Sample	1190498	ethanol quant.M
13		Sample	1190498	ethanol quant.M
14		Sample	1193880	ethanol quant.M
15		Sample	1193880	ethanol quant.M
16		Sample	1164188	ethanol quant.M
17		Sample	1164188	ethanol quant.M
18		Sample	1190070	ethanol quant.M
19		Sample	1190070	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1190629	ethanol quant.M
22		Sample	1190629	ethanol quant.M
23		Sample	1190487	ethanol quant.M
24		Sample	1190487	ethanol quant.M
25		Sample	1191576	ethanol quant.M
26		Sample	1191576	ethanol quant.M
27		Sample	1184958	ethanol quant.M
28		Sample	1184958	ethanol quant.M
29		Sample	1191440	ethanol quant.M
30		Sample	1191440	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1152132	ethanol quant.M
33		Sample	1152132	ethanol quant.M
34		Sample	186-01A	ethanol quant.M
35		Sample	186-01A	ethanol quant.M
36		Sample	1195224	ethanol quant.M
37		Sample	1195224	ethanol quant.M
38		Sample	1192517	ethanol quant.M
39		Sample	1192517	ethanol quant.M
40		Sample	1191565	ethanol quant.M
41		Sample	1191565	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1191652	ethanol quant.M
44		Sample	1191652	ethanol quant.M
45		Sample	1190798	ethanol quant.M
46		Sample	1190798	ethanol quant.M
47		Sample	1192515	ethanol quant.M

Sequence Summary

48		Sample	1192515	ethanol quant.M
49		Sample	1192496	ethanol quant.M
50		Sample	1192496	ethanol quant.M
51		Sample	1181432	ethanol quant.M
52		Sample	1181432	ethanol quant.M
53	0.080 Lipomed 28082014-B	Control		ethanol quant.M
54		Sample	1169217	ethanol quant.M
55		Sample	1169217	ethanol quant.M
56		Sample	1194457	ethanol quant.M
57		Sample	1194457	ethanol quant.M
58		Sample	1195012	ethanol quant.M
59		Sample	1195012	ethanol quant.M
60	0.40 Lipomed 08012015-C	Control		ethanol quant.M
61	0.04 Lipomed 09022015-A	Control		ethanol quant.M
62	0.198 ACQ 407041529/3	Control		ethanol quant.M
63	blank 010318	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory

Summary of Cases

WA

SEQUENCE NAME: 24Jan18

ANALYST: Adrian

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0702	0.0689	0.06955	0.93	0.00065
12 13	0.0842	0.0845	0.08435	0.18	0.00015
14 15	0.4238	0.4277	0.42575	0.46	0.00195
16 17	0.1040	0.1041	0.10405	0.05	0.00005
18 19	0.1779	0.1764	0.17715	0.42	0.00075
21 22	0.1908	0.1942	0.19250	0.88	0.00170
23 24	0.1756	0.1766	0.17610	0.28	0.00050
25 26	0.1687	0.1661	0.16740	0.78	0.00130
27 28	0.0889	0.0888	0.08885	0.06	0.00005
29 30	0.1807	0.1776	0.17915	0.87	0.00155
32 33	0.1547	0.1537	0.15420	0.32	0.00050
34 35	0.1545	0.1553	0.15490	0.26	0.00040
36 37	0.2283	0.2265	0.22740	0.40	0.00090
38 39	0.1852	0.1844	0.18480	0.22	0.00040
40 41	0.1093	0.1106	0.10995	0.59	0.00065
43 44	0.1711	0.1748	0.17295	1.07	0.00185
45 46	0.1768	0.1726	0.17470	1.20	0.00210
47 48	0.1763	0.1749	0.17560	0.40	0.00070
49 50	0.1092	0.1112	0.11020	0.91	0.00100
51 52	0.1810	0.1817	0.18135	0.19	0.00035
54 55	0.1881	0.1883	0.18820	0.05	0.00010
56 57	0.0951	0.0949	0.09500	0.11	0.00010
58 59	0.2958	0.2931	0.29445	0.46	0.00135

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1175812
Injection date: 1/24/2018 11:49:22 AM	Vial: 10
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\10.D	

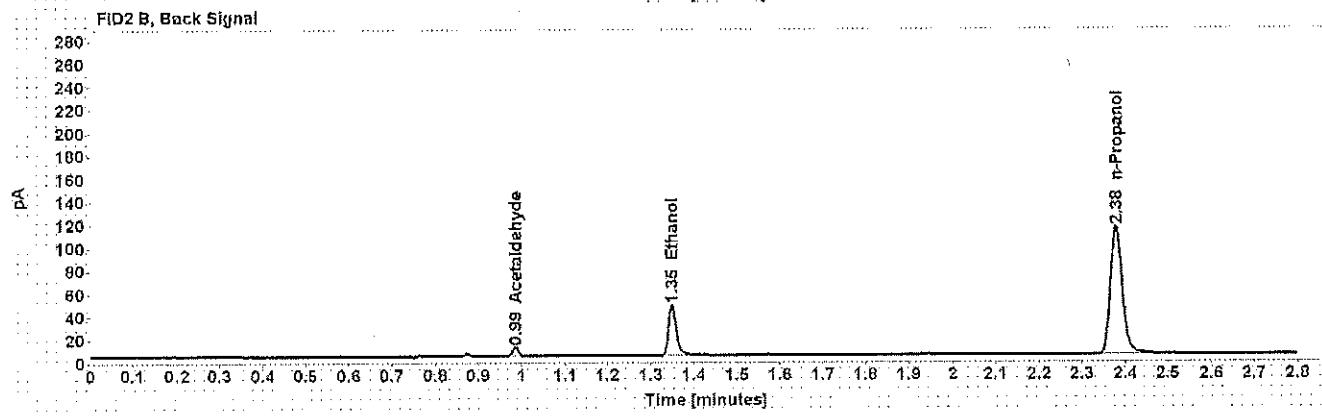
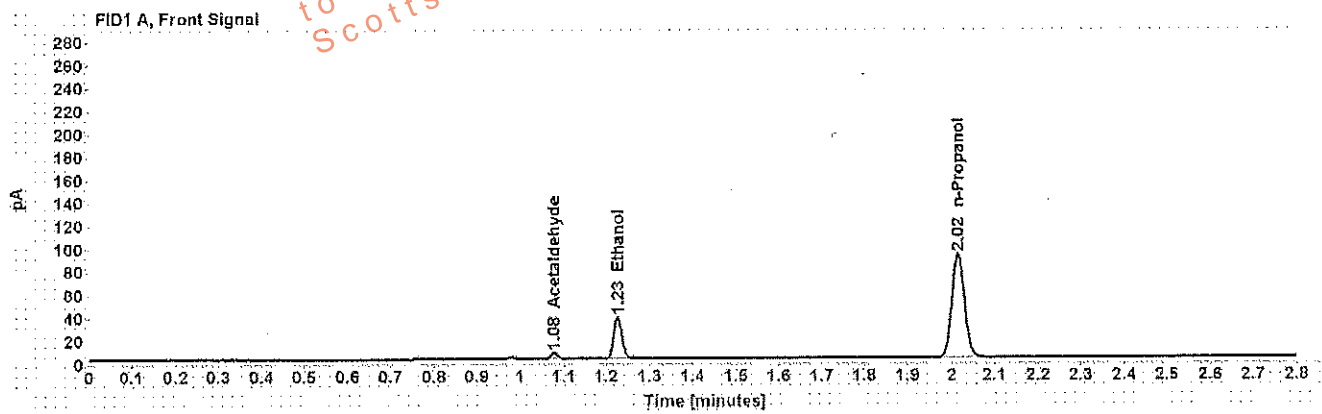


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	5.644
>Ethanol	0.0702	1.226	46.833
n-Propanol	-----	2.015	164.716

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.100
Ethanol	1.349	54.061
n-Propanol	2.379	214.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 175812
Injection date: 1/24/2018 11:53:21 AM	Vial: 11
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\11.D	

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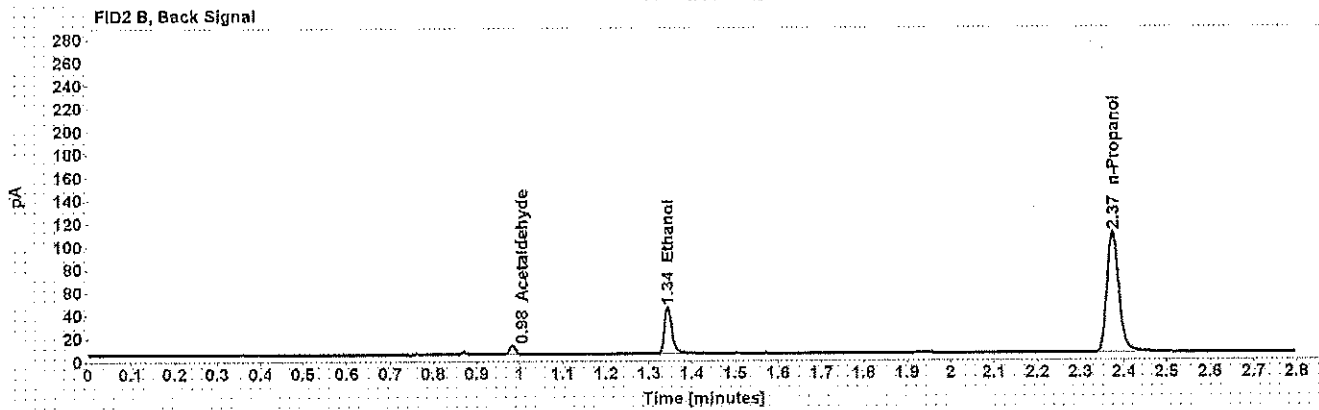
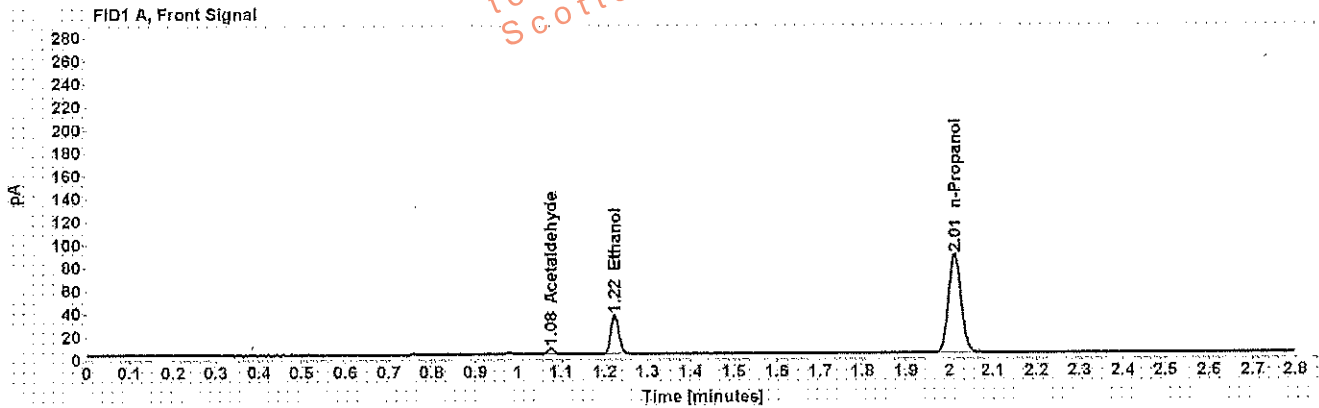


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.076	5.570
>Ethanol	0.0689	1.223	43.396
n-Propanol	-----	2.012	175.268

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	6.975
Ethanol	1.344	50.036
n-Propanol	2.374	203.467

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190498
Injection date: 1/24/2018 11:57:22 AM	Vial: 12
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\24Jan18\12.D	

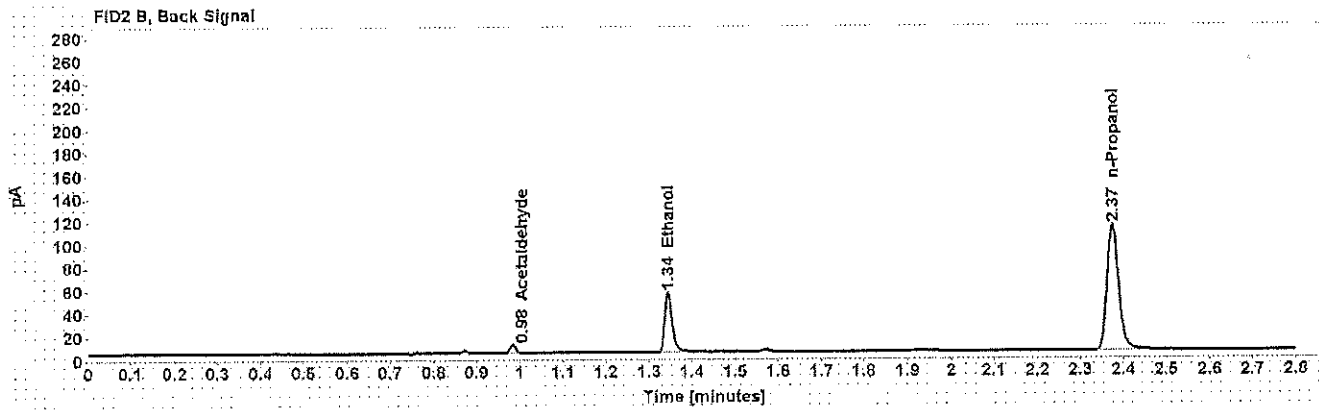
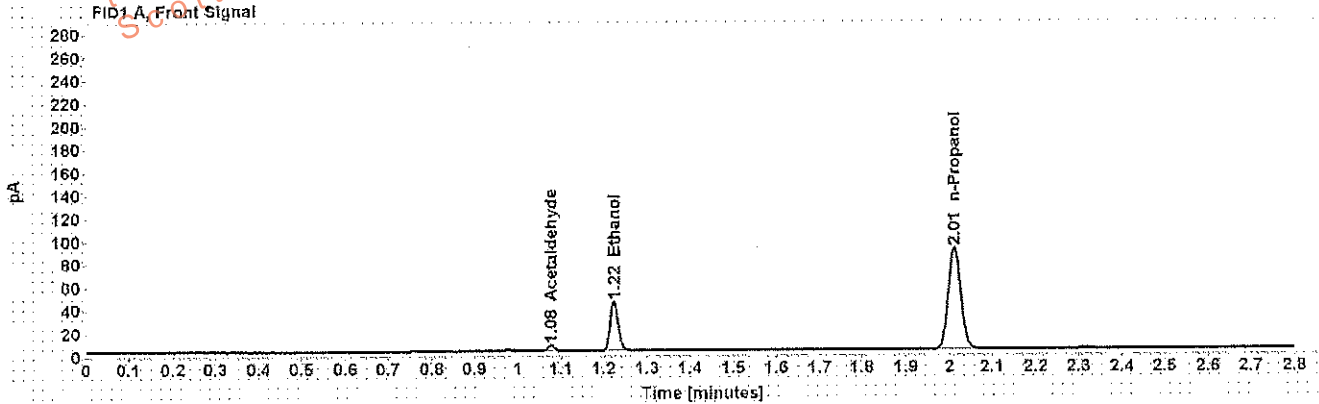


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.225
>Ethanol	0.0842	1.223	54.765
n-Propanol	-----	2.013	180.364

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.558
Ethanol	1.344	63.904
n-Propanol	2.375	210.328

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190498
Injection date: 1/24/2018 12:01:36 PM	Vial: 13
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\13.D	

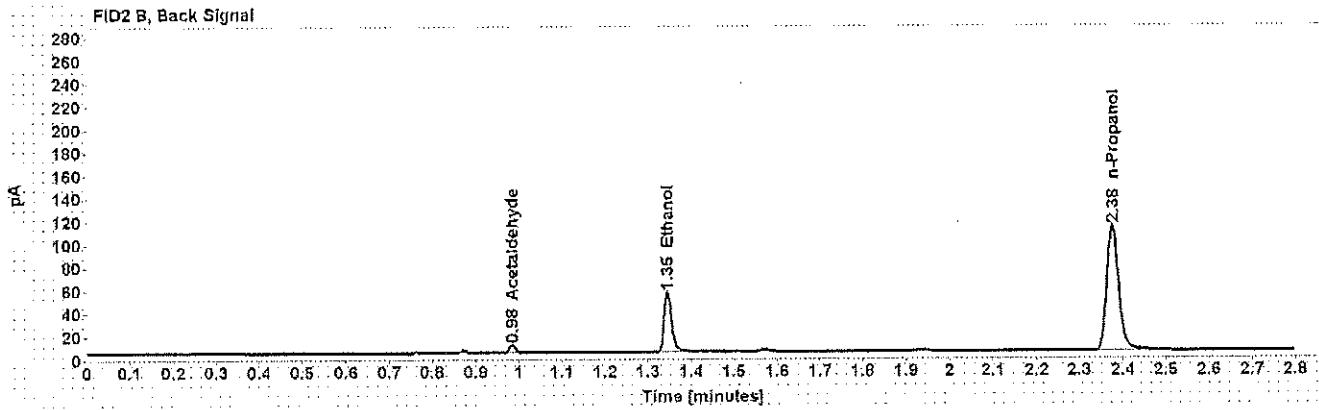
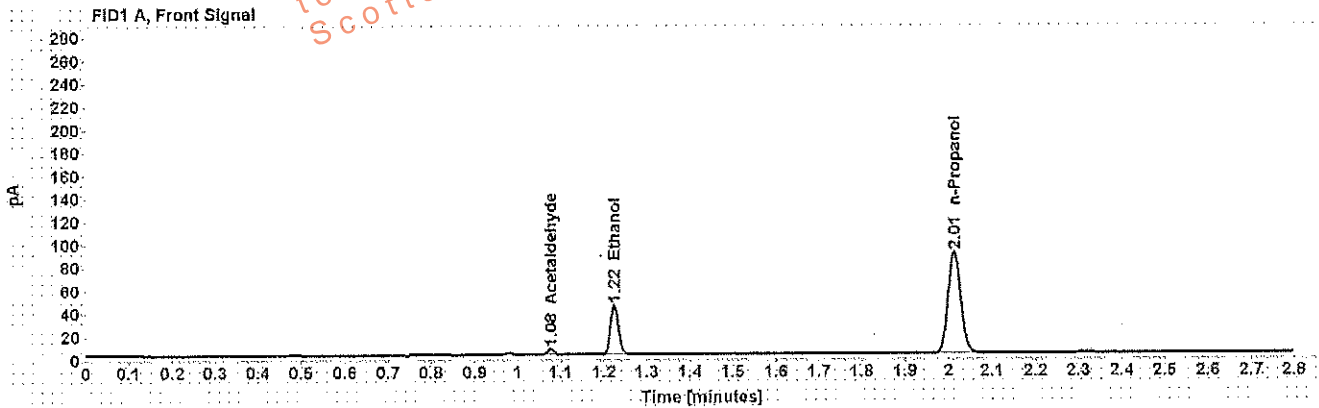


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.036
>Ethanol	0.0845	1.224	54.782
n-Propanol	-----	2.013	179.650

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.355
Ethanol	1.345	64.013
n-Propanol	2.376	209.839

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4193880
Injection date: 1/24/2018 12:05:37 PM	Vial: 14
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\14.D	

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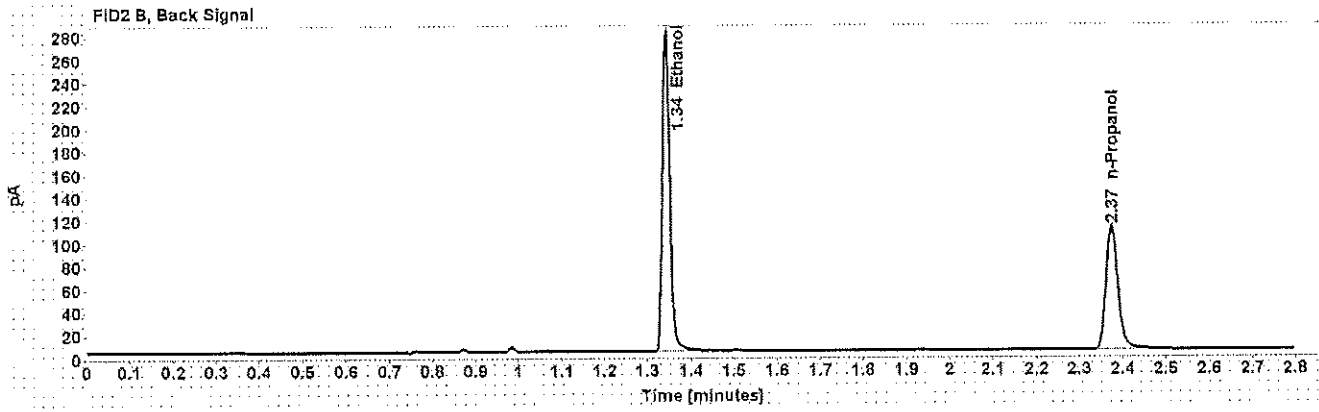
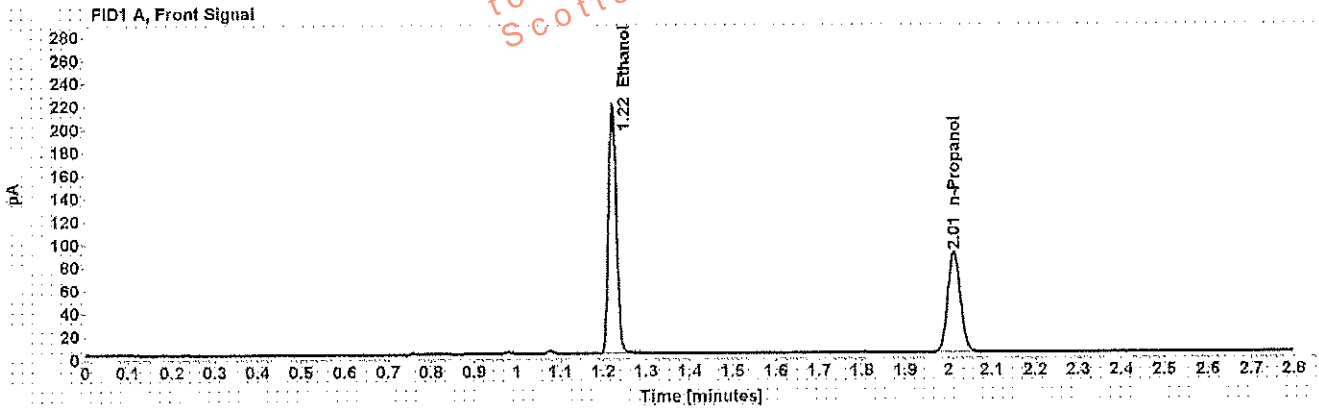


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4238	1.222	276.147
n-Propanol	-----	2.012	178.275

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

Compound	Time (min)	Peak Area
Ethanol	1.343	329.968
n-Propanol	2.375	207.877

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1193880
Injection date: 1/24/2018 12:09:36 PM	Vial: 15
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\15.D	

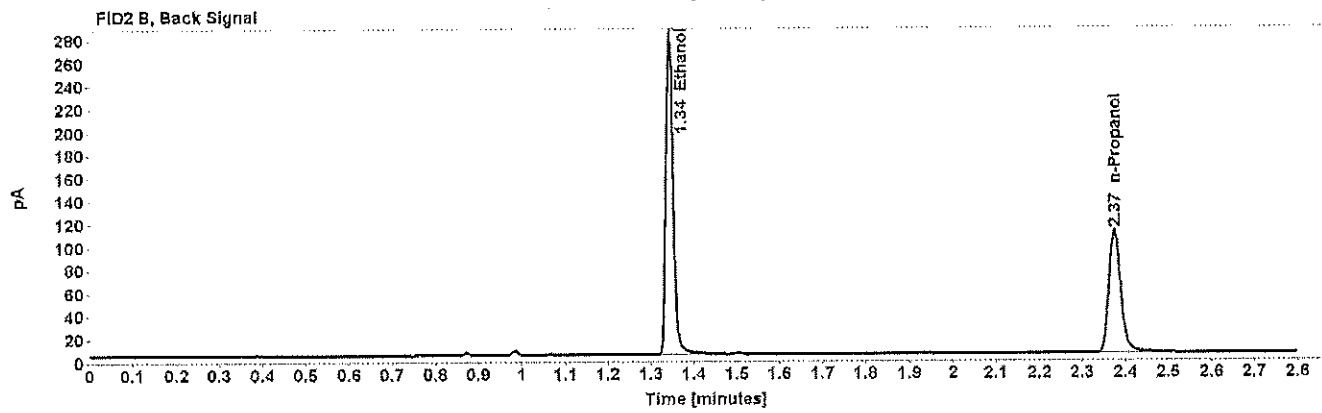
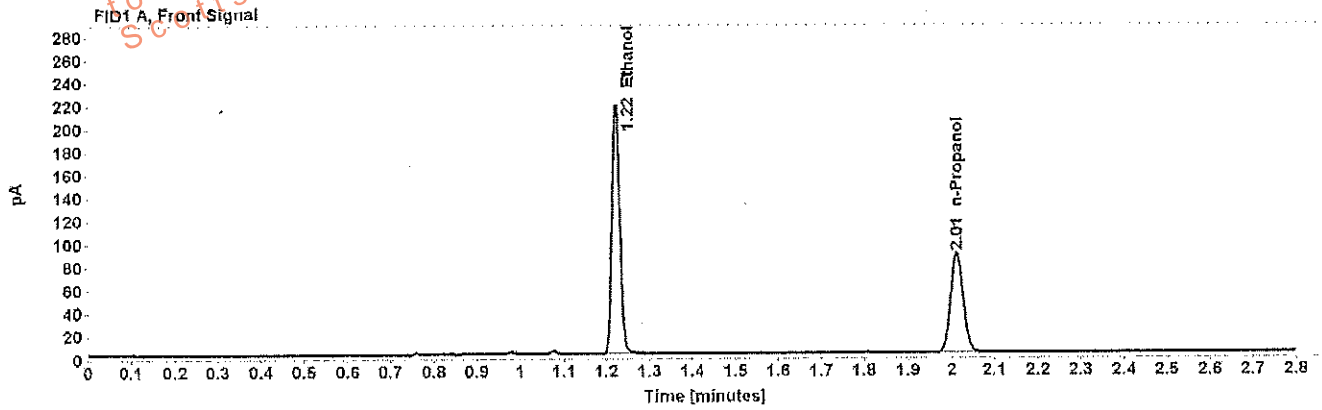


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4277	1.222	277.271
n-Propanol	-----	2.013	177.347

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

Compound	Time (min)	Peak Area
Ethanol	1.343	332.015
n-Propanol	2.375	207.001

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1164188
Injection date: 1/24/2018 12:13:36 PM	Vial: 16
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\16.D	

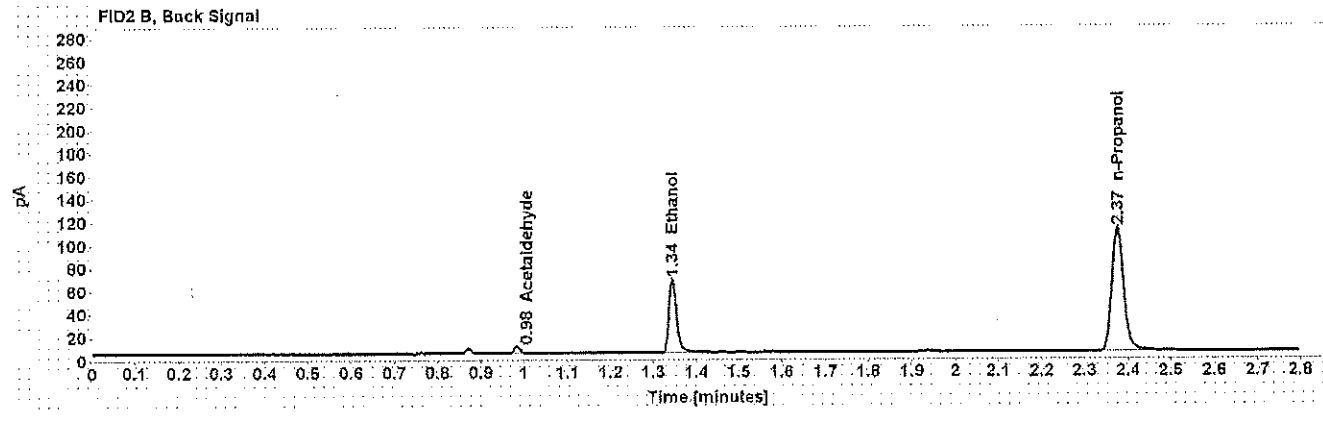
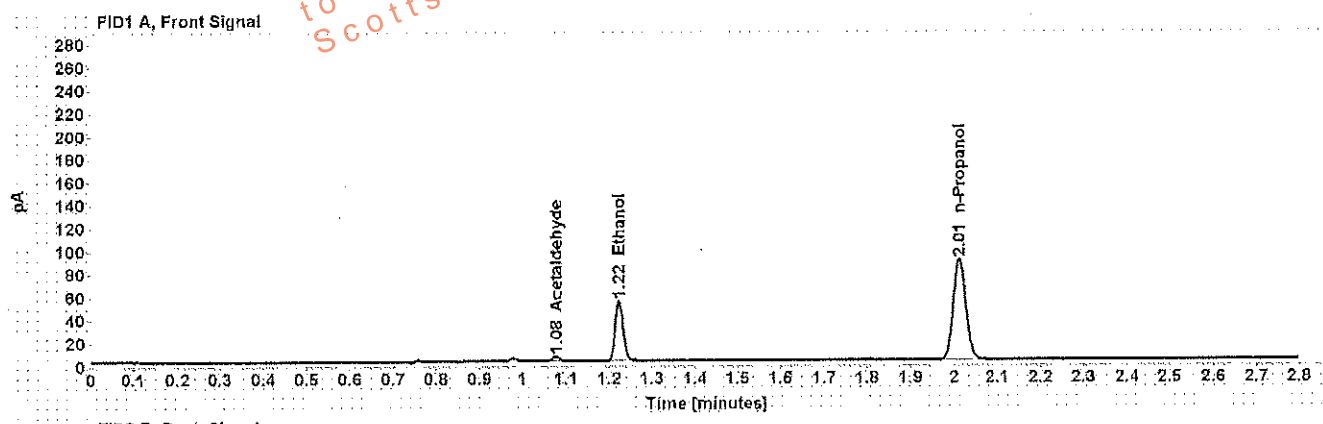


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.307
>Ethanol	0.1040	1.223	67.074
n-Propanol	-----	2.013	178.192

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.452
Ethanol	1.344	78.611
n-Propanol	2.375	207.896

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4164188
Injection date: 1/24/2018 12:17:36 PM	Vial: 17
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\17.D	

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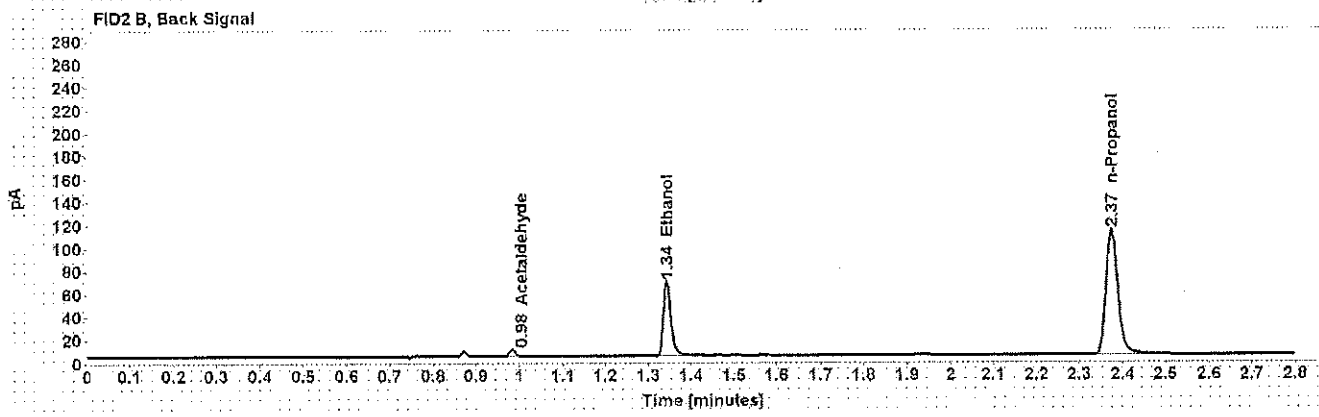
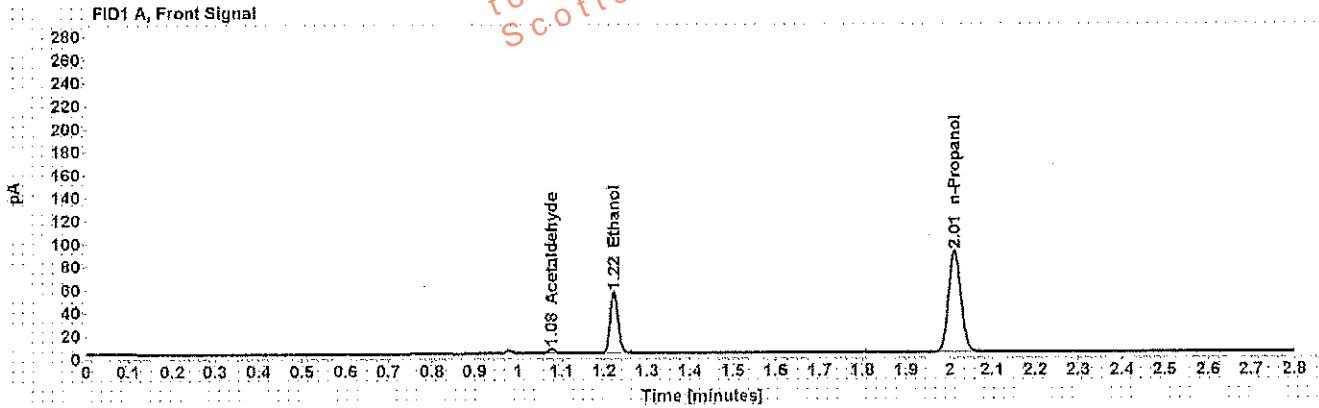


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.270
>Ethanol	0.1041	1.223	67.891
n-Propanol	-----	2.012	180.205

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.963	5.422
Ethanol	1.344	79.499
n-Propanol	2.374	210.025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190070
Injection date: 1/24/2018 12:21:36 PM	Vial: 18
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\18.D	

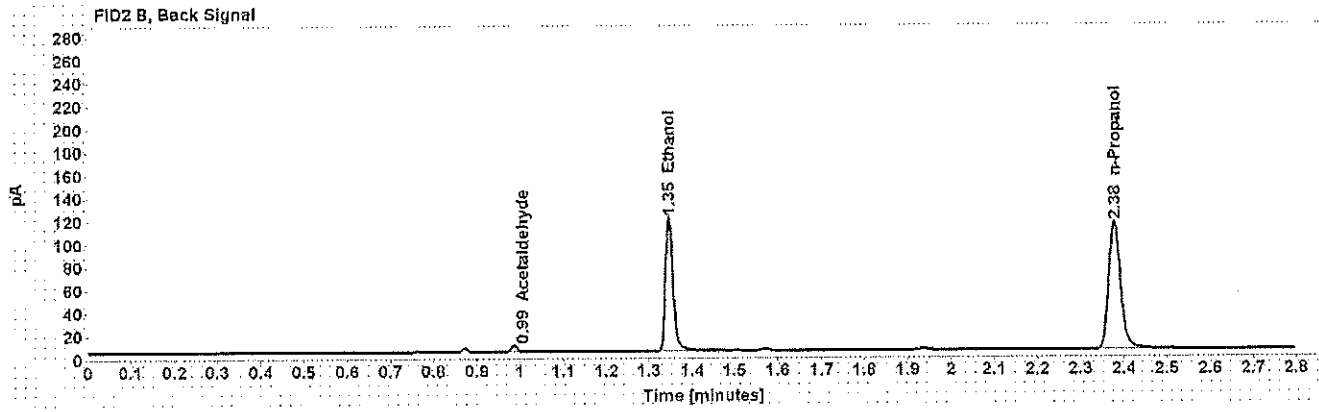
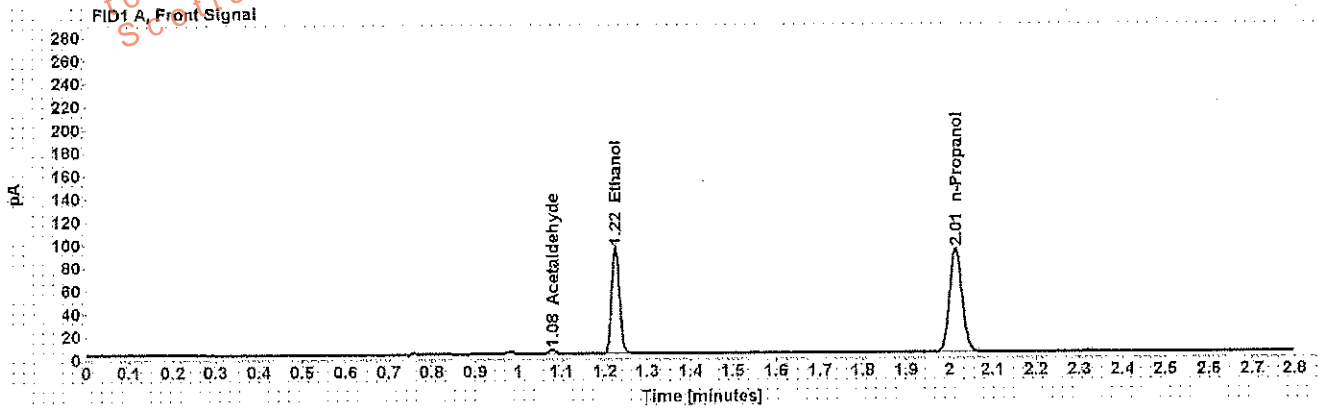


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.068
>Ethanol	0.1779	1.225	118.992
n-Propanol	-----	2.014	183.859

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.075
Ethanol	1.347	142.514
n-Propanol	2.378	215.077

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190070
Injection date: 1/24/2018 12:25:51 PM	Vial: 19
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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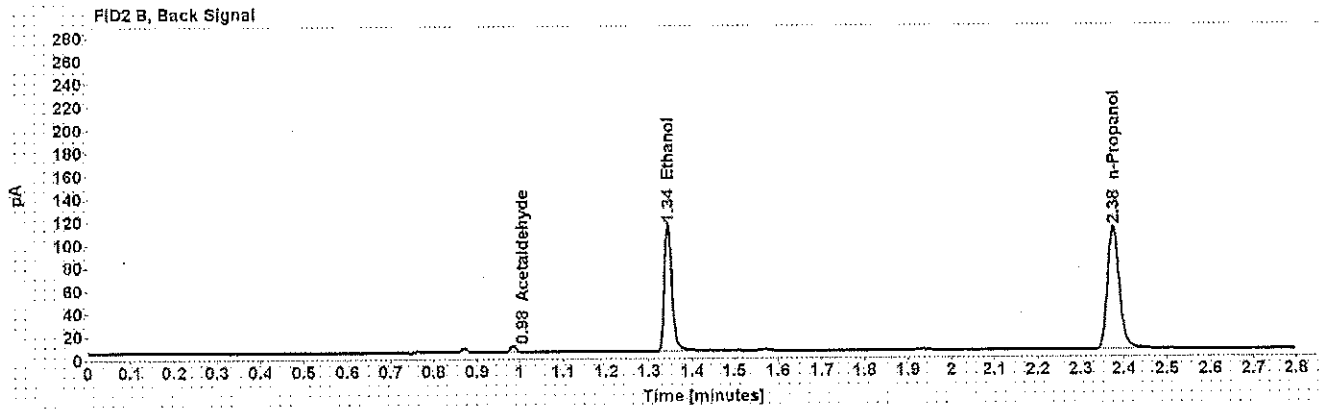
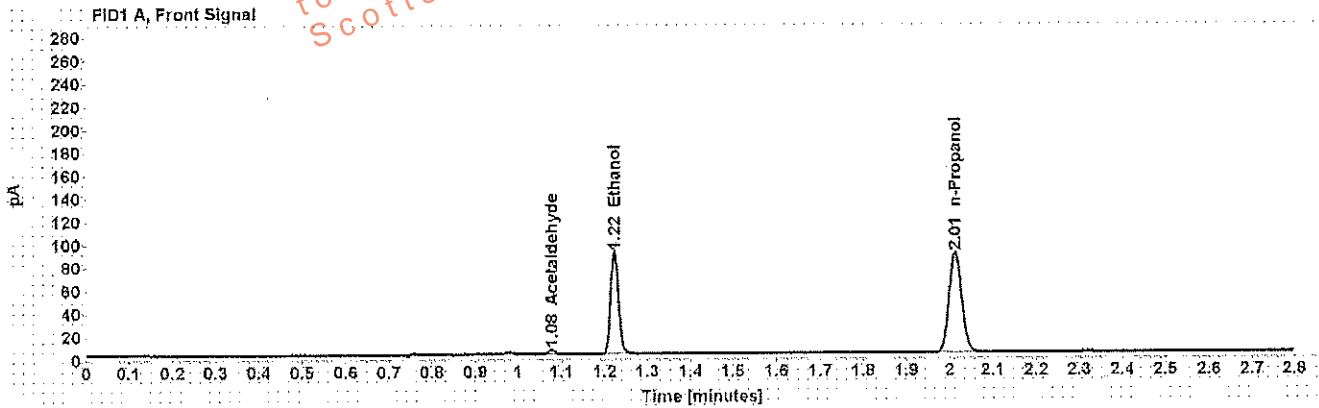


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.953
>Ethanol	0.1764	1.223	113.836
n-Propanol	-----	2.013	177.320

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.988
Ethanol	1.344	135.867
n-Propanol	2.375	207.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4190629
Injection date: 1/24/2018 12:33:52 PM	Vial: 21
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\24Jan18\21.D	

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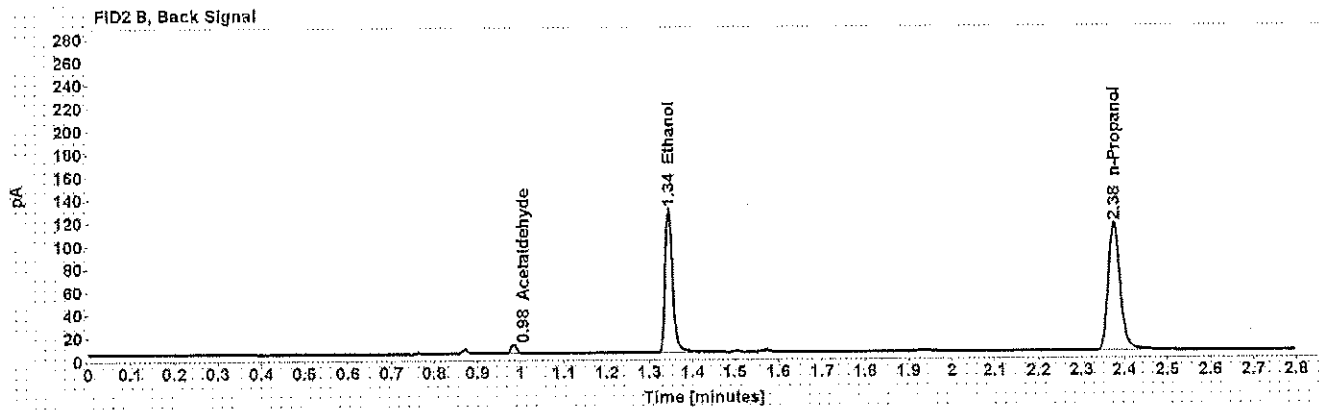
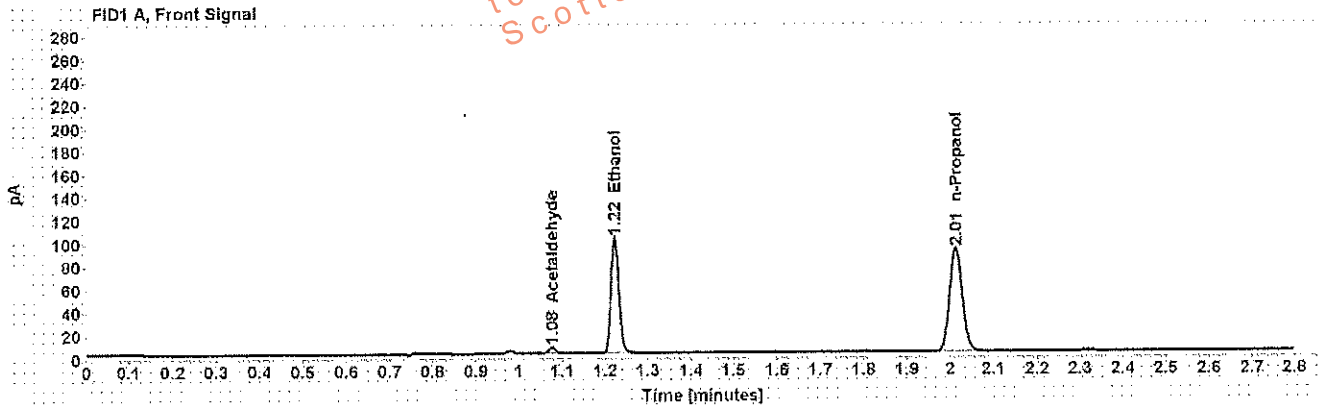


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.688
>Ethanol	0.1908	1.223	128.317
n-Propanol	-----	2.013	184.702

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.165
Ethanol	1.344	153.720
n-Propanol	2.375	215.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190629
Injection date: 1/24/2018 12:37:52 PM	Vial: 22
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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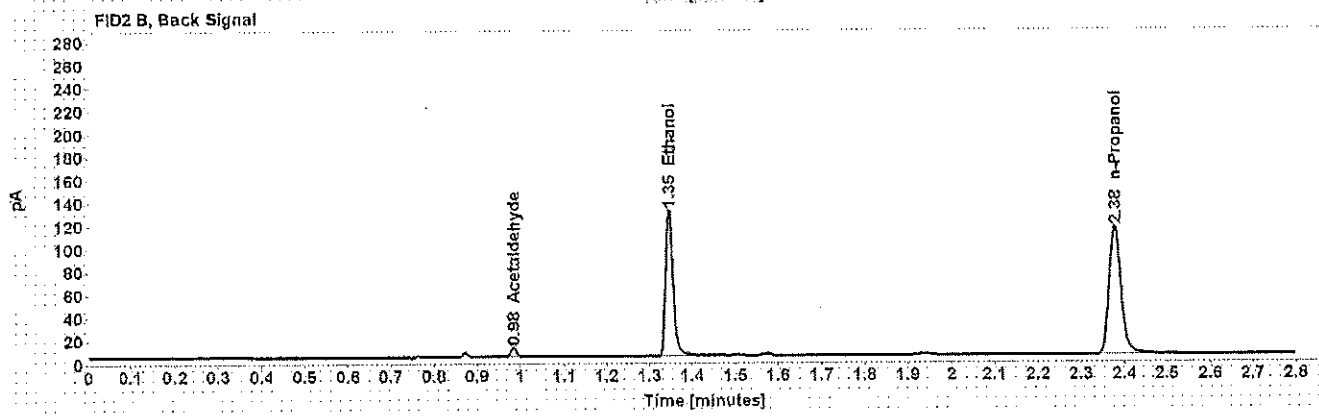
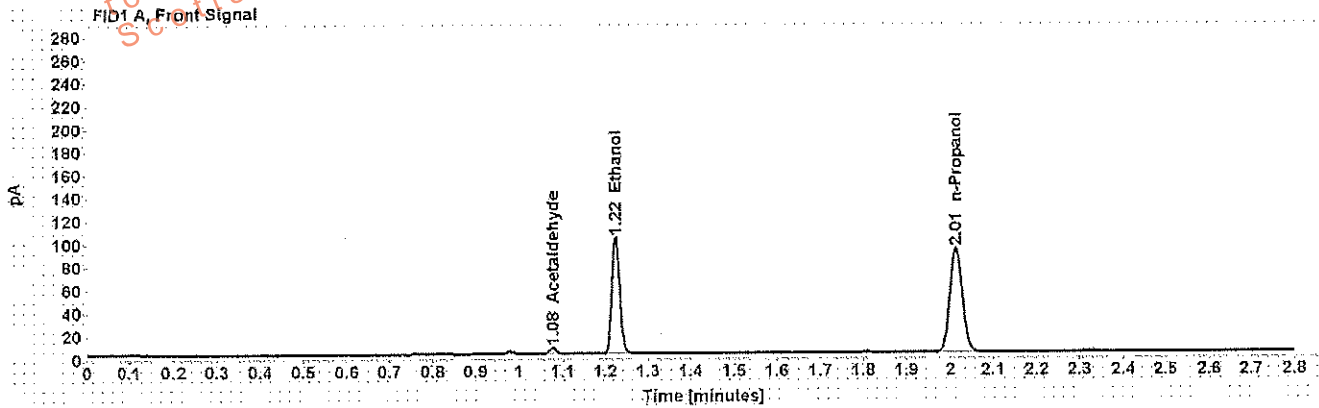


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.734
>Ethanol	0.1942	1.224	130.180
n-Propanol	-----	2.014	184.114

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	7.146
Ethanol	1.346	155.858
n-Propanol	2.377	215.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190487
Injection date: 1/24/2018 12:41:52 PM	Vial: 23
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 GN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\23.D	

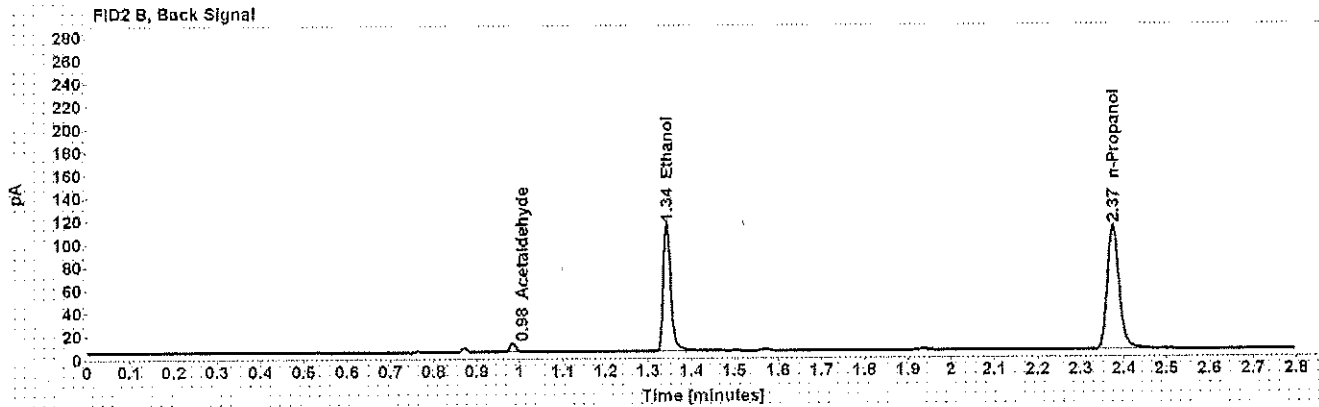
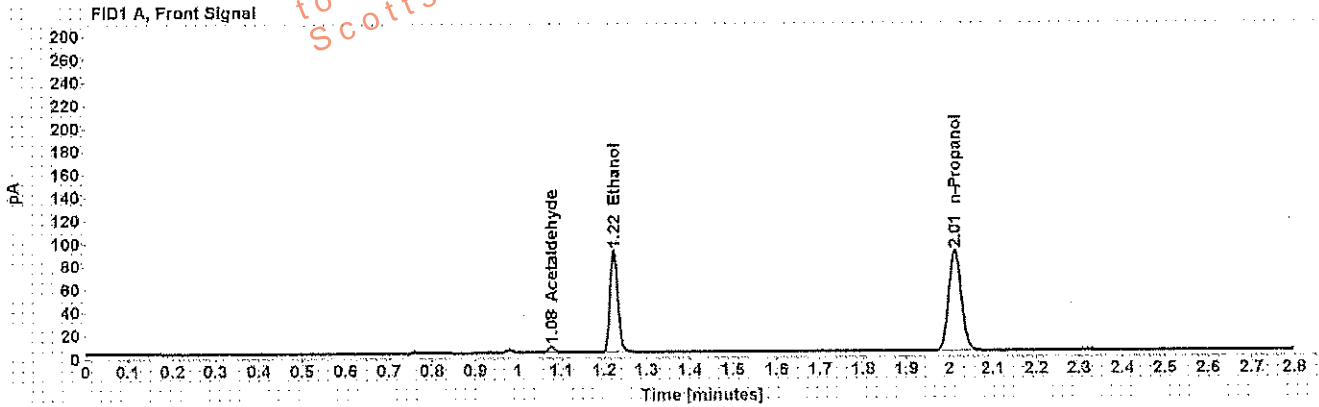


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.496
>Ethanol	0.1756	1.223	113.717
n-Propanol	-----	2.013	177.953

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.919
Ethanol	1.343	136.257
n-Propanol	2.375	208.553

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4190487
Injection date: 1/24/2018 12:45:52 PM	Vial: 24
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\24.D	

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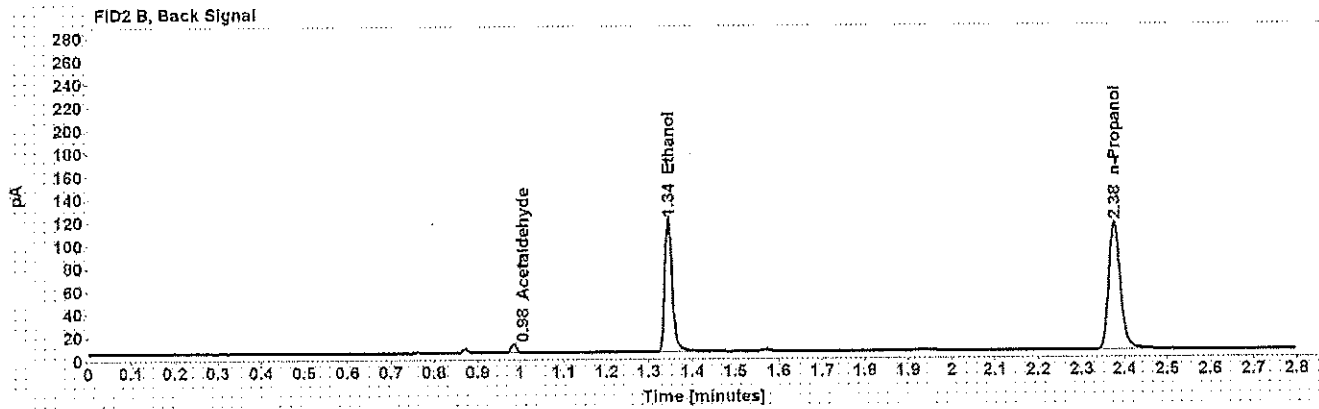
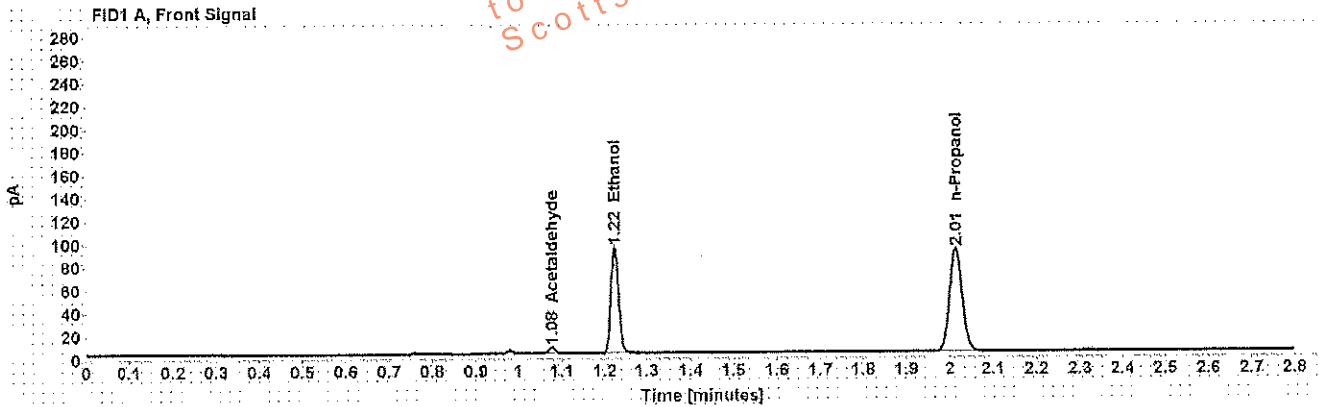


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.557
>Ethanol	0.1766	1.224	118.419
n-Propanol	-----	2.013	184.266

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.978
Ethanol	1.345	141.751
n-Propanol	2.376	214.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191576
Injection date: 1/24/2018 12:50:07 PM	Vial: 25
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\25.D	

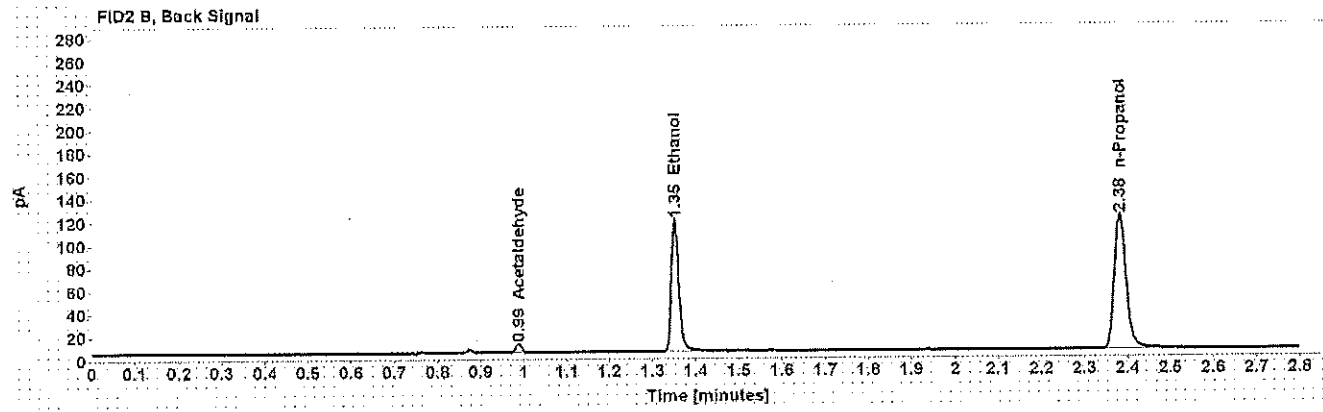
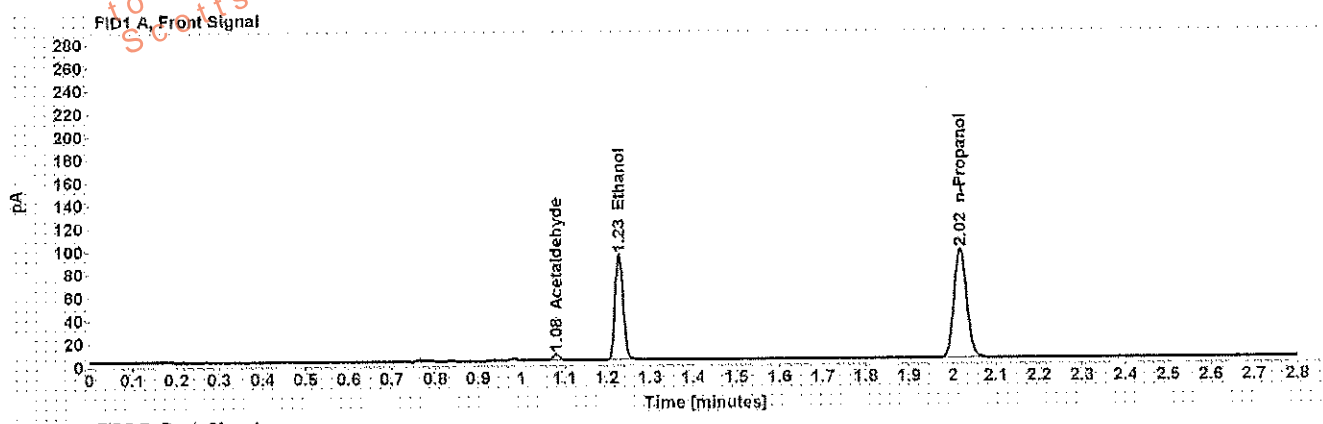


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	5.444
>Ethanol	0.1687	1.228	118.748
n-Propanol	-----	2.018	193.575

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	6.875
Ethanol	1.352	140.809
n-Propanol	2.383	226.609

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191576
Injection date: 1/24/2018 12:54:07 PM	Vial: 26
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\26.D	

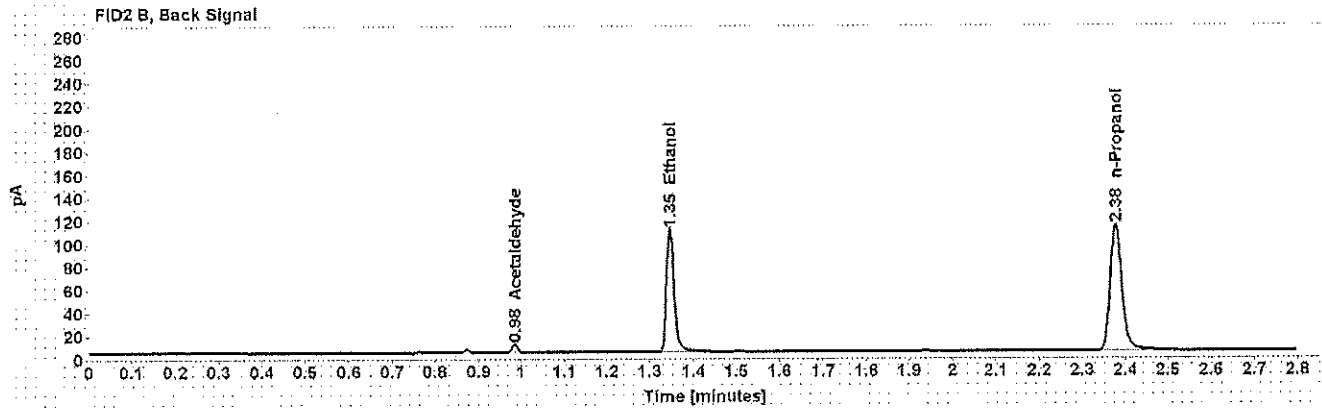
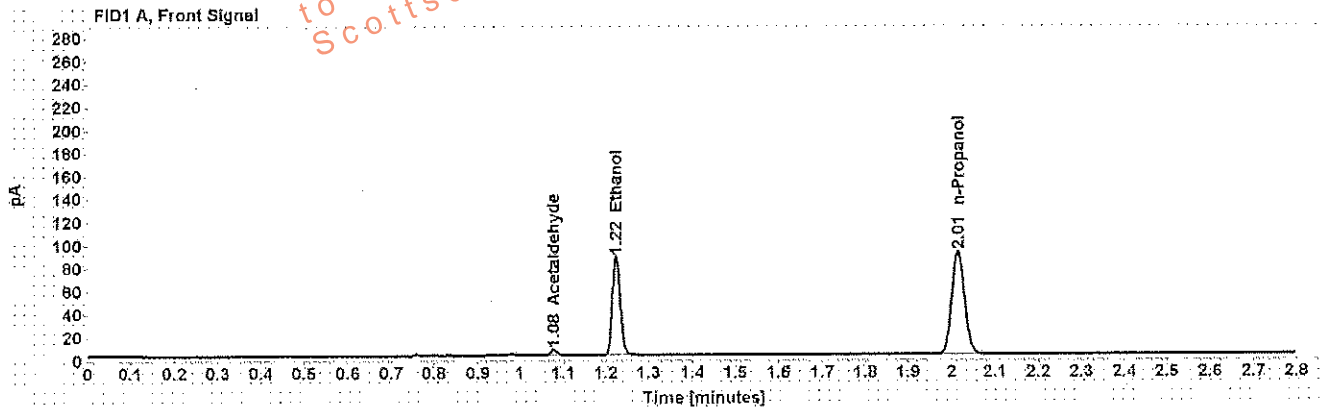


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.243
>Ethanol	0.1661	1.225	110.243
n-Propanol	-----	2.014	182.463

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.536
Ethanol	1.346	130.622
n-Propanol	2.377	213.427

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4184958
Injection date: 1/24/2018 12:58:07 PM	Vial: 27
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\27.D	

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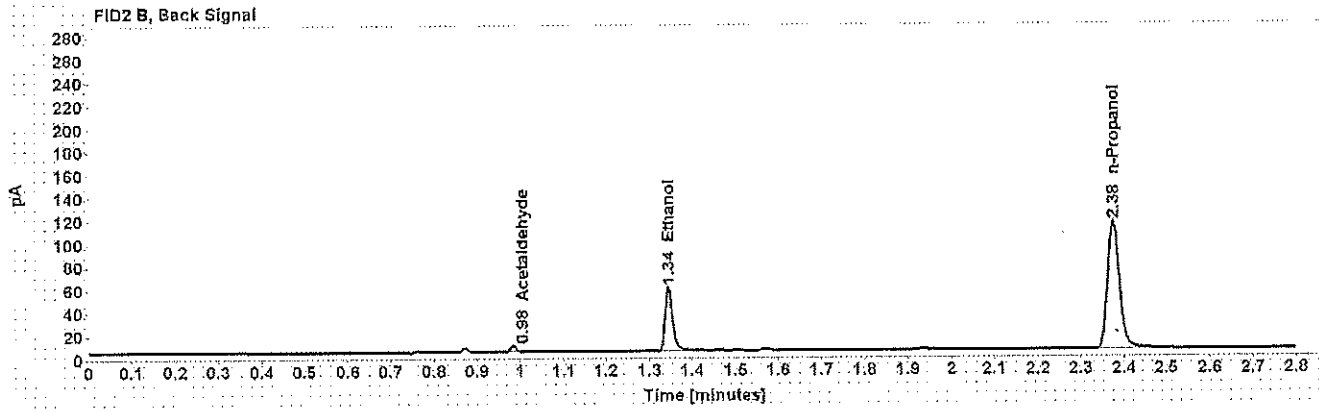
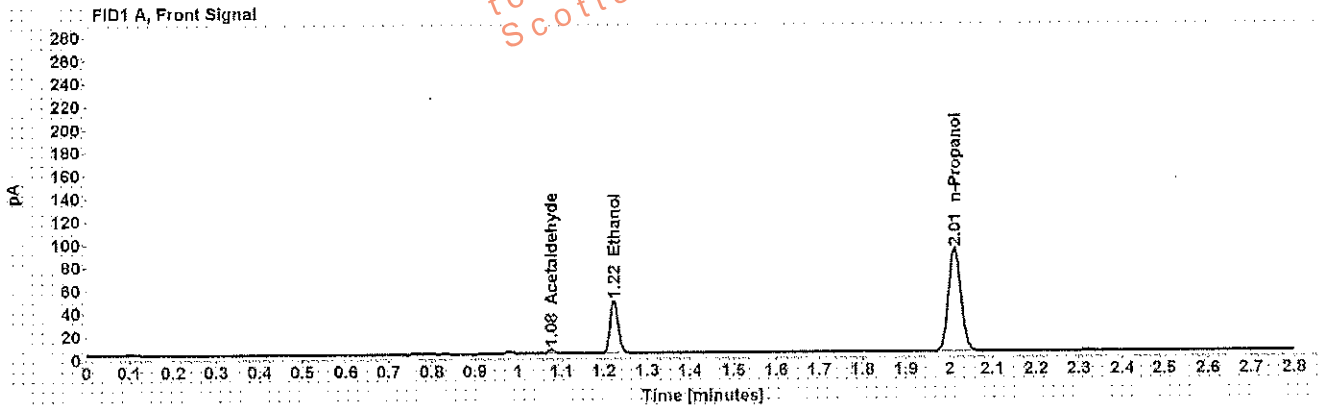


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.830
>Ethanol	0.0889	1.223	58.528
n-Propanol	-----	2.013	182.418

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.819
Ethanol	1.344	68.638
n-Propanol	2.375	213.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1184958
Injection date: 1/24/2018 1:02:06 PM	Vial: 28
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Instrument: US14173023 CN14160045	Analyst: Adrian
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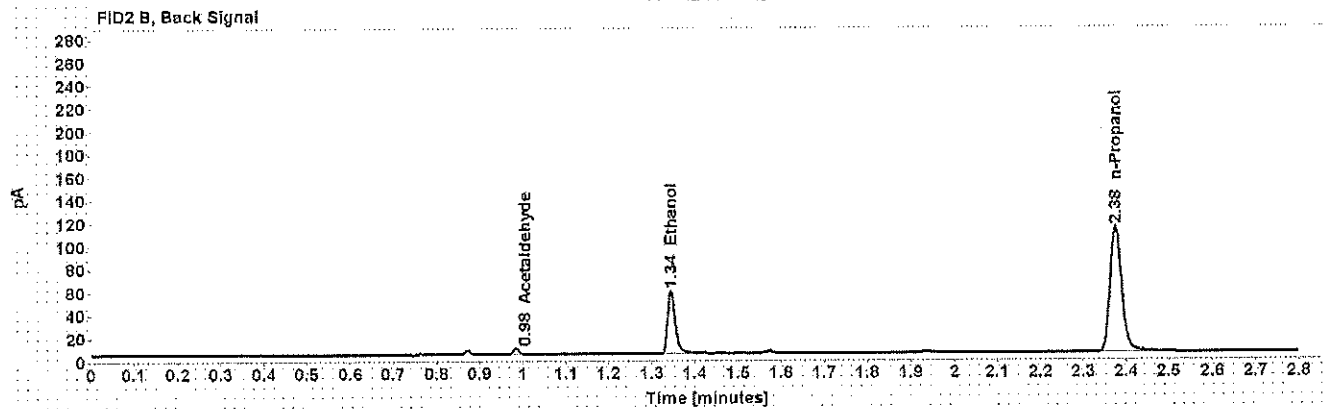
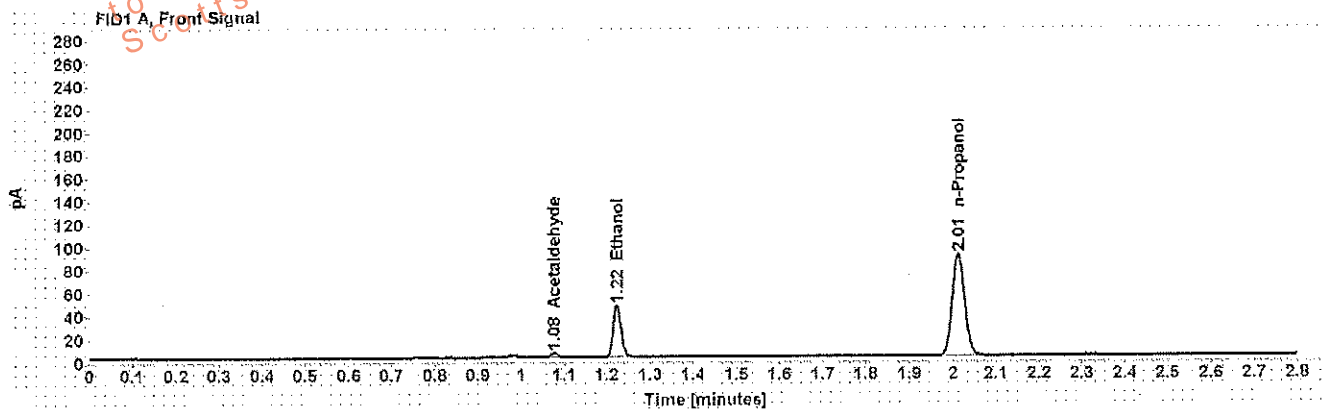


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.848
>Ethanol	0.0888	1.224	57.834
n-Propanol	-----	2.013	180.403

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.852
Ethanol	1.345	67.838
n-Propanol	2.375	211.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1191440
 Injection date: 1/24/2018 1:06:07 PM Vial: 29
 Method: ethanol quant.M Sequence: 24Jan18
 Instrument: US14173023 CN14160045 Analyst: Adrian
 Data file: C:\Chem3211\Data\24Jan18\29.D

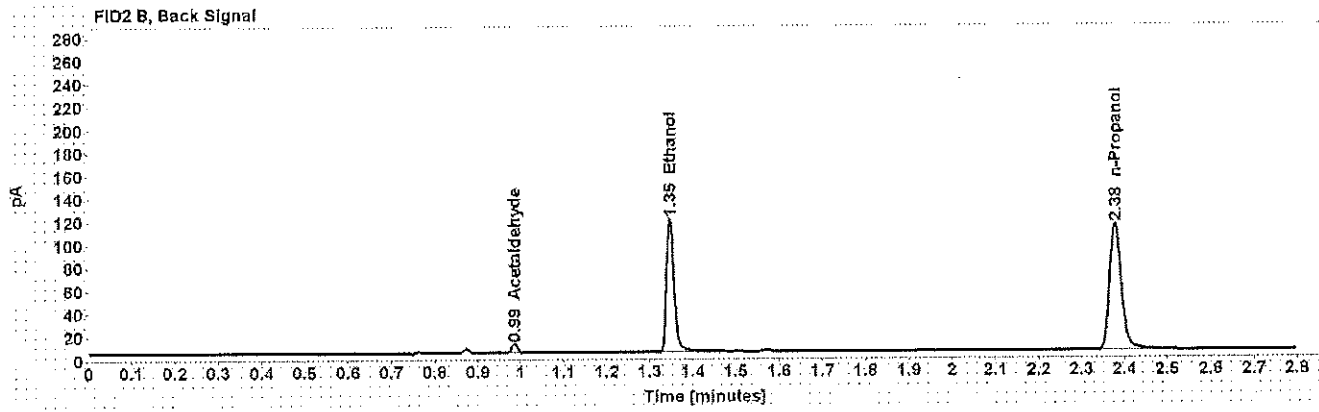
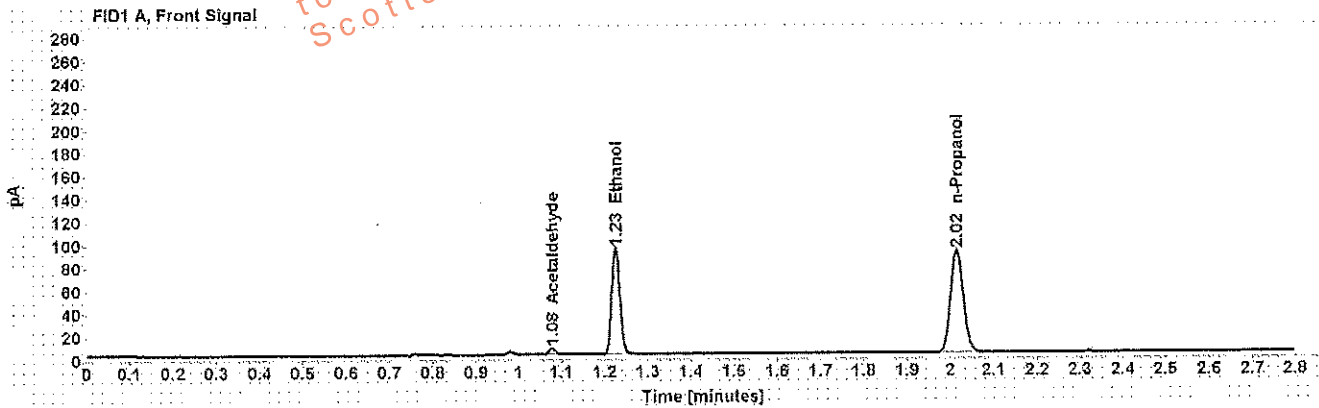


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.660
>Ethanol	0.1807	1.225	119.408
n-Propanol	-----	2.015	181.587

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.123
Ethanol	1.347	142.889
n-Propanol	2.379	212.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4191440
Injection date: 1/24/2018 1:10:07 PM	Vial: 30
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\30.D	

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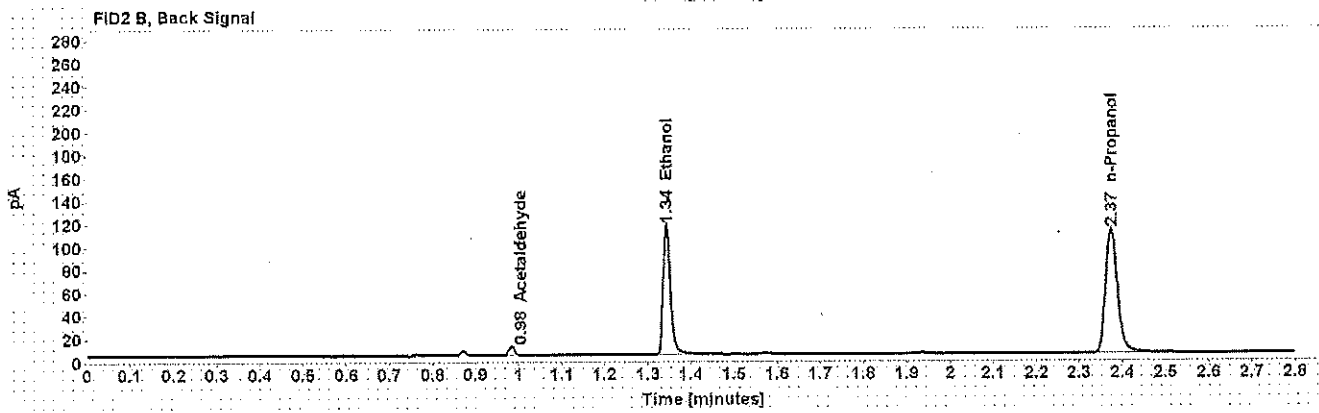
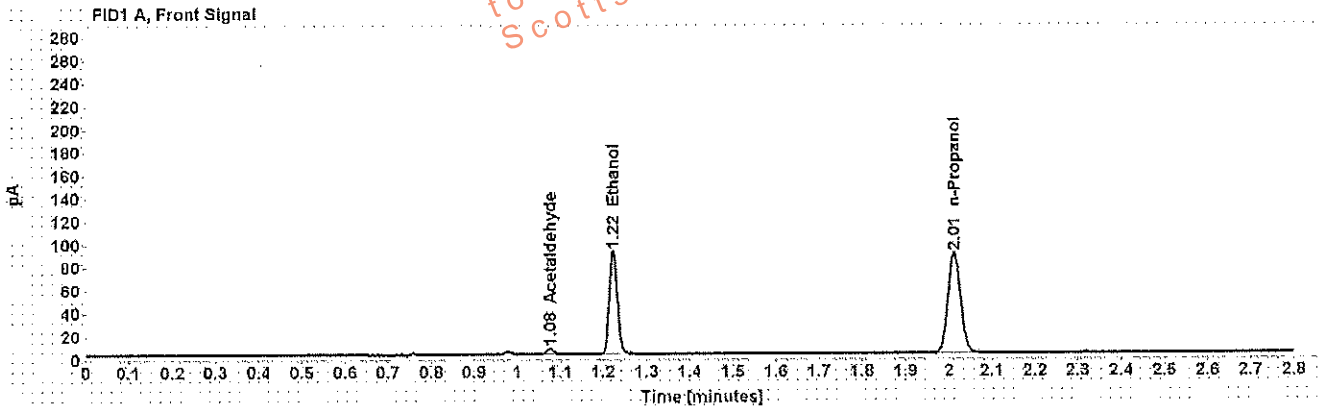


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.566
>Ethanol	0.1776	1.223	115.186
n-Propanol	-----	2.013	178.255

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.010
Ethanol	1.343	137.999
n-Propanol	2.375	209.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1152132
Injection date: 1/24/2018 1:18:22 PM	Vial: 32
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\32.D	

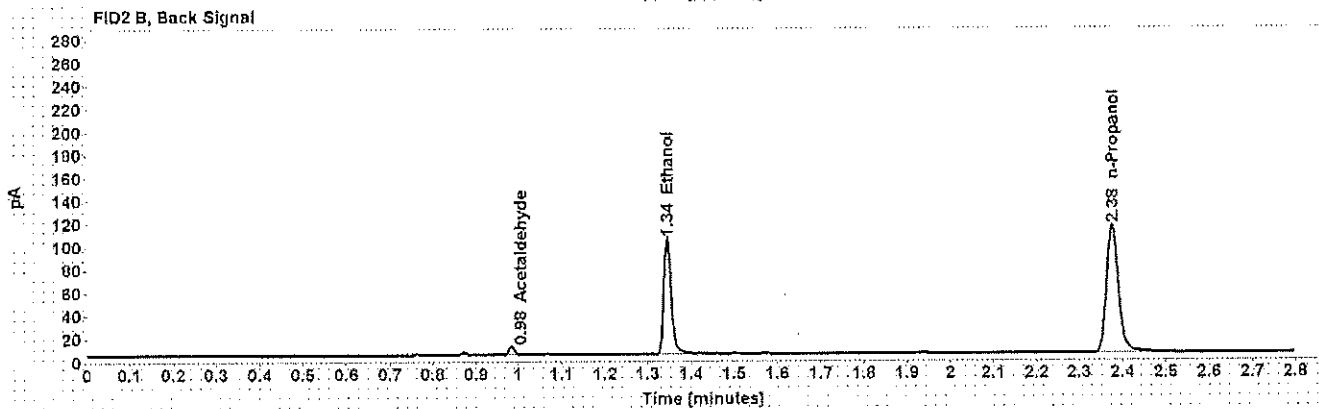
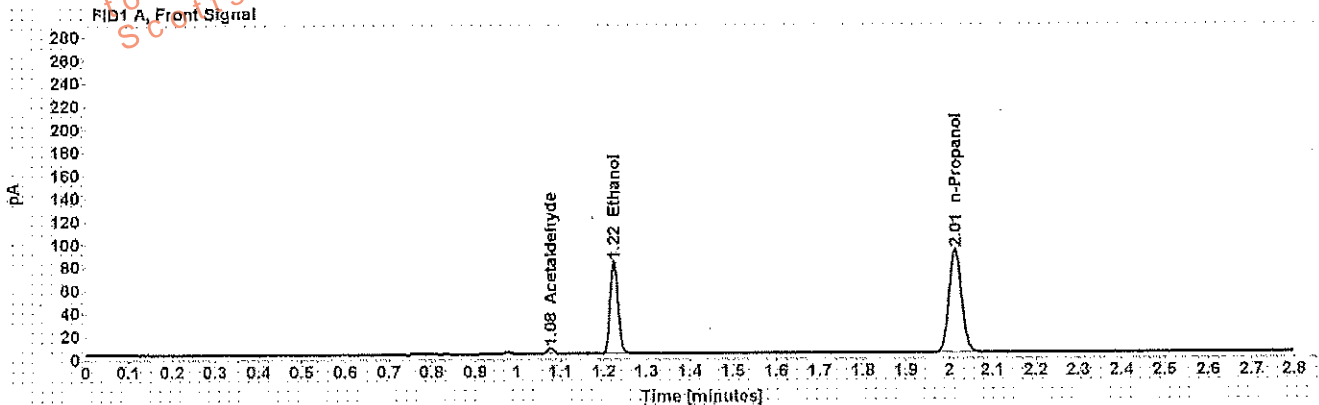


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.282
>Ethanol	0.1547	1.224	102.934
n-Propanol	-----	2.013	183.075

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.620
Ethanol	1.345	121.779
n-Propanol	2.376	214.079

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1152132
Injection date: 1/24/2018 1:22:21 PM	Vial: 33
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\33.D	

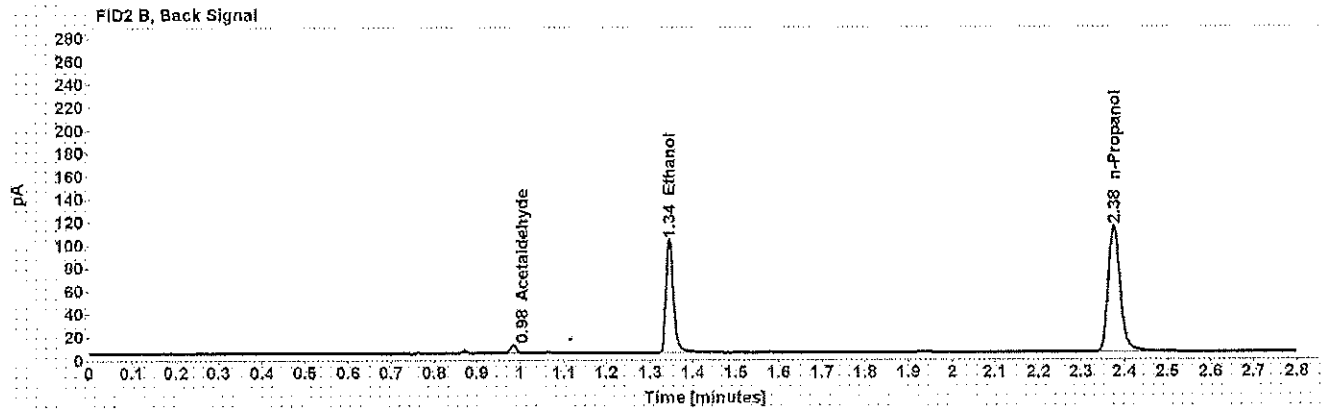
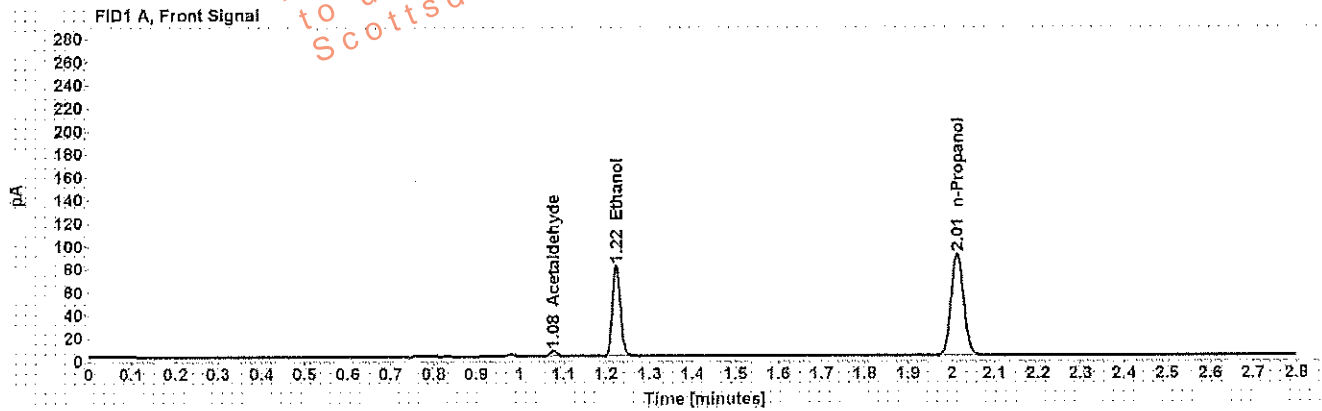


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.251
>Ethanol	0.1537	1.224	101.349
n-Propanol	-----	2.013	181.469

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.579
Ethanol	1.345	119.902
n-Propanol	2.376	212.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 486-01A
Injection date: 1/24/2018 1:26:22 PM	Vial: 34
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\34.D	

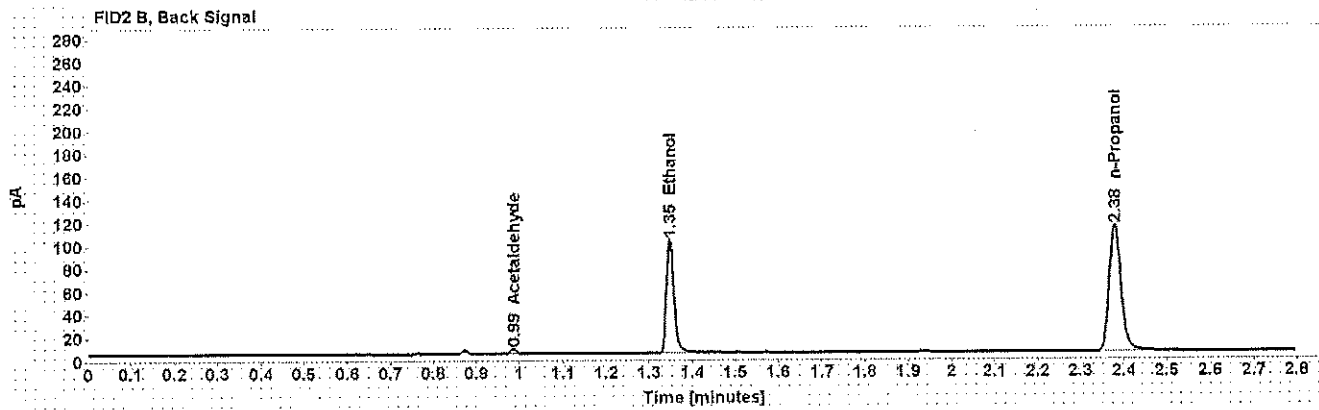
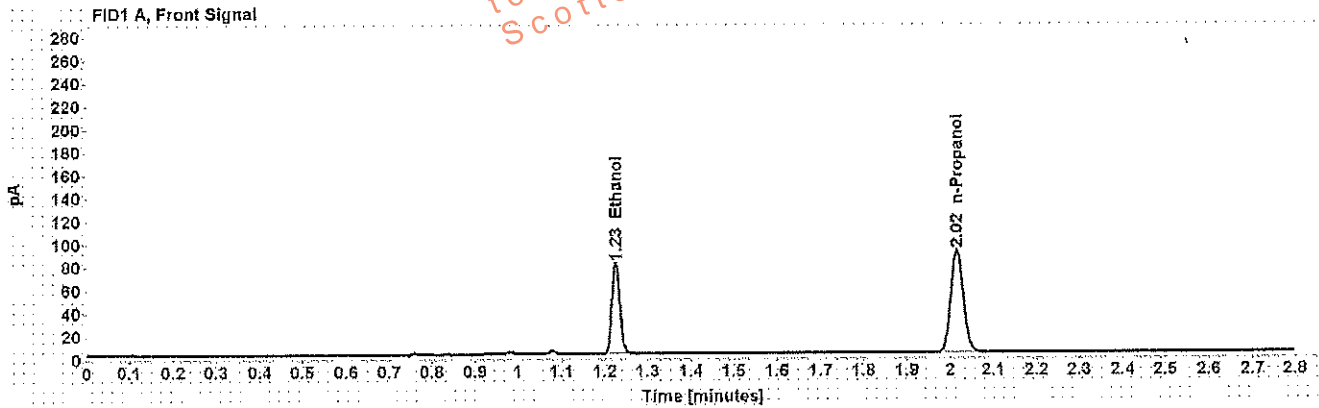


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1545	1.226	101.800
n-Propanol	-----	2.016	181.305

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	3.773
Ethanol	1.348	120.664
n-Propanol	2.379	212.391

Case: [REDACTED] User: wadrian 1/24/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	186-01A
Injection date:	1/24/2018 03:02:22 PM	Vial:	35
Method:	ethanol quant.M	Sequence:	24Jan18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
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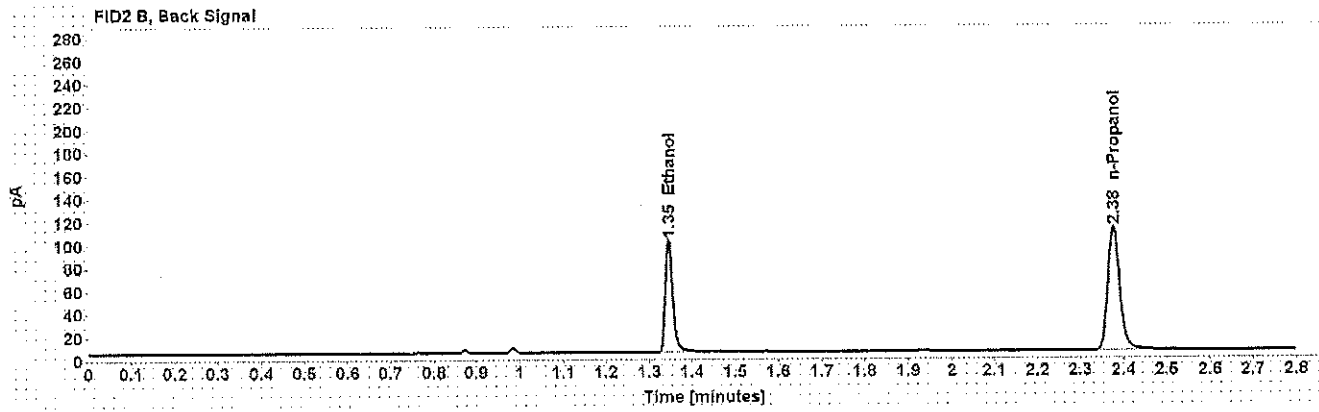
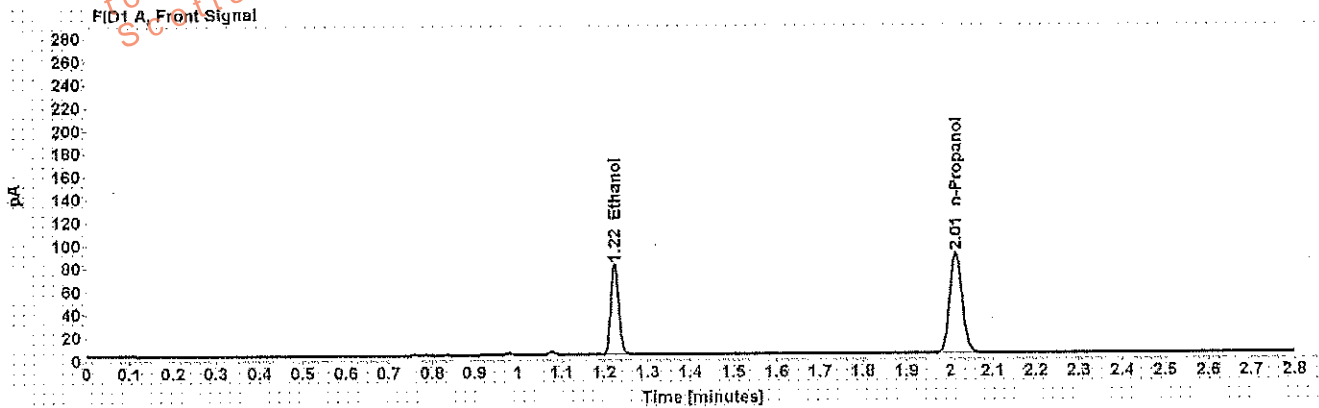


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1553	1.224	100.531
n-Propanol	-----	2.014	178.057

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

Compound	Time (min)	Peak Area
Ethanol	1.345	118.953
n-Propanol	2.376	208.341

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195224
Injection date: 1/24/2018 1:34:22 PM	Vial: 36
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\36.D	

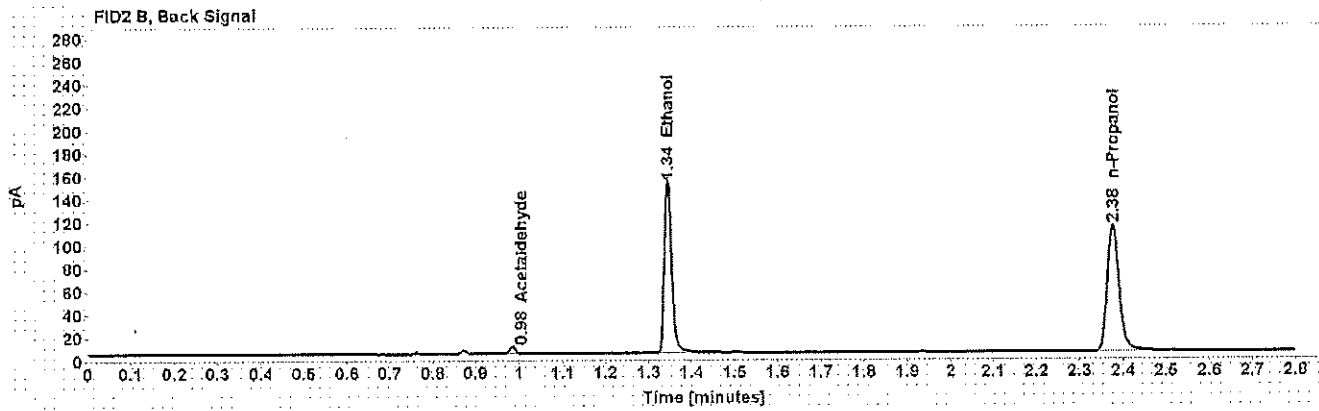
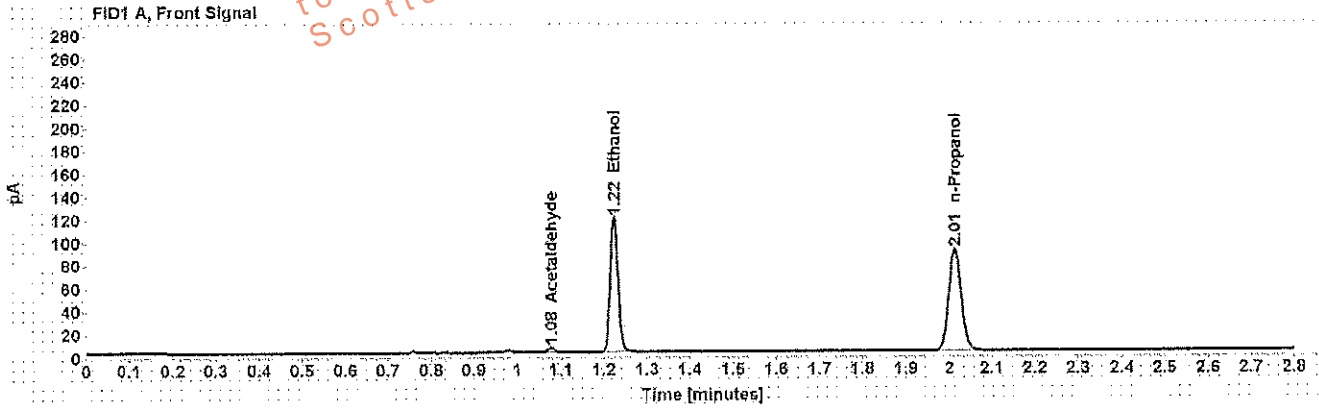


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.237
>Ethanol	0.2283	1.224	150.901
n-Propanol	-----	2.014	181.319

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.325
Ethanol	1.345	179.691
n-Propanol	2.376	211.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 4195224
Injection date: 1/24/2018 1:38:37 PM	Vial: 37
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\37.D	

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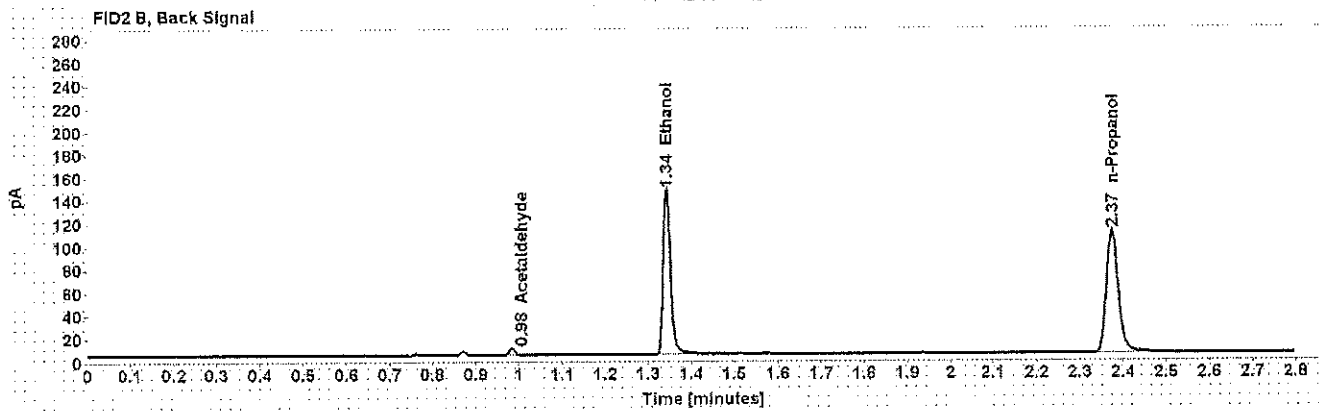
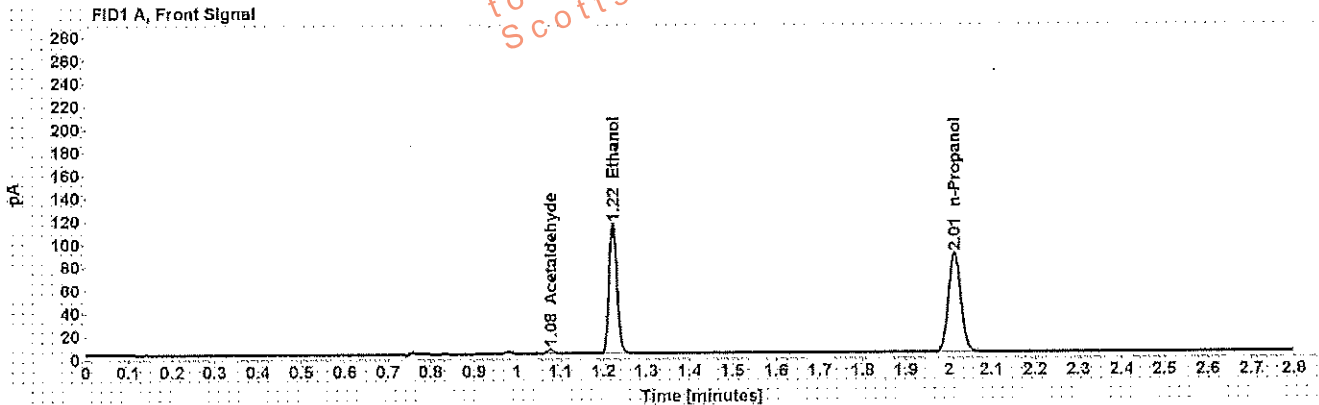


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.195
>Ethanol	0.2265	1.222	145.413
n-Propanol	-----	2.013	176.101

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.309
Ethanol	1.343	172.932
n-Propanol	2.375	206.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192517
Injection date: 1/24/2018 04:23:37 PM	Vial: 38
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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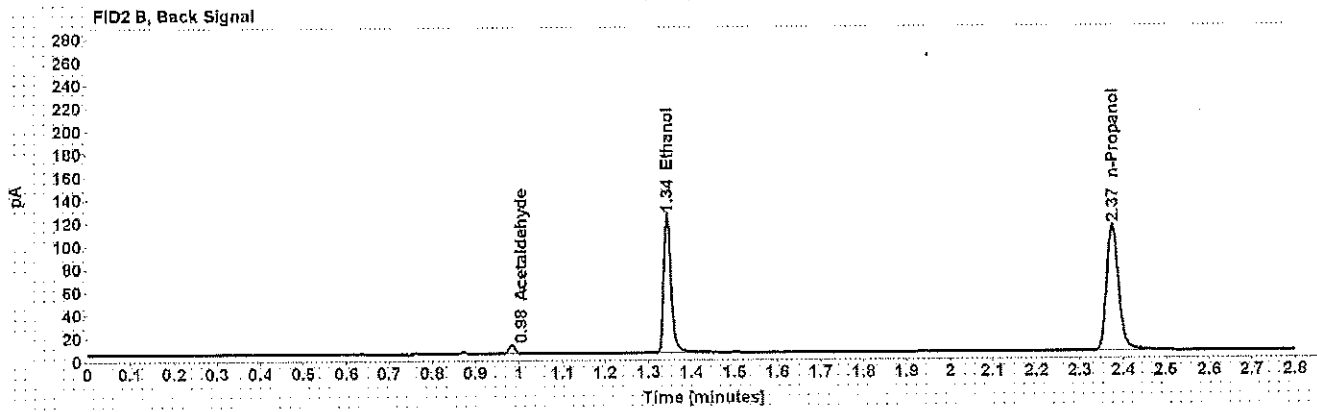
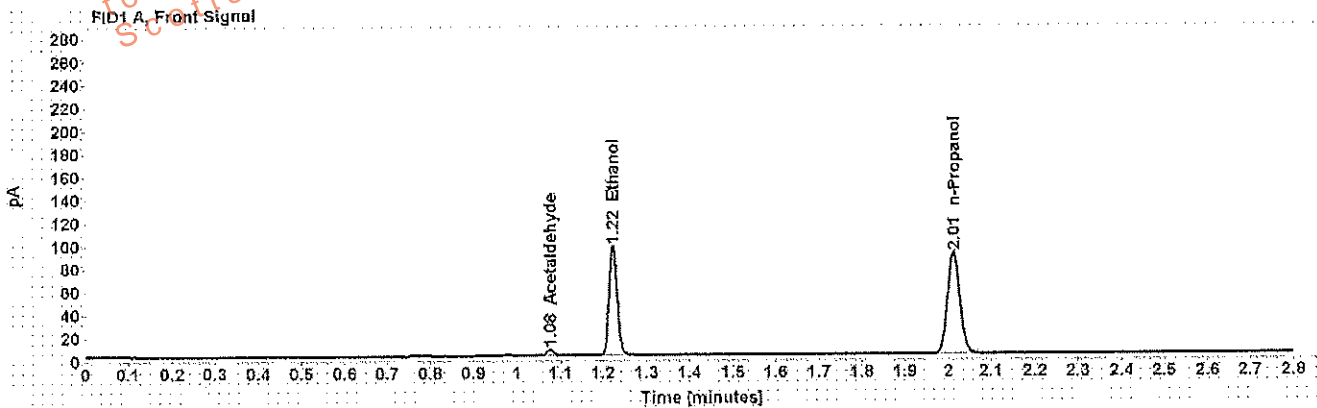


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.657
>Ethanol	0.1852	1.223	122.004
n-Propanol	-----	2.013	180.932

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.101
Ethanol	1.343	145.090
n-Propanol	2.375	212.091

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192517
Injection date: 1/24/2018 1:46:37 PM	Vial: 39
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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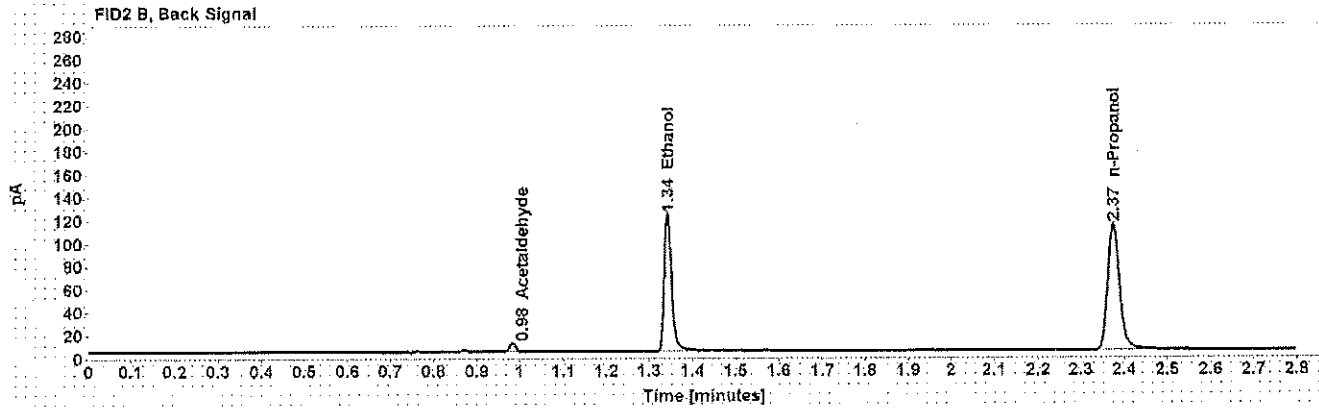
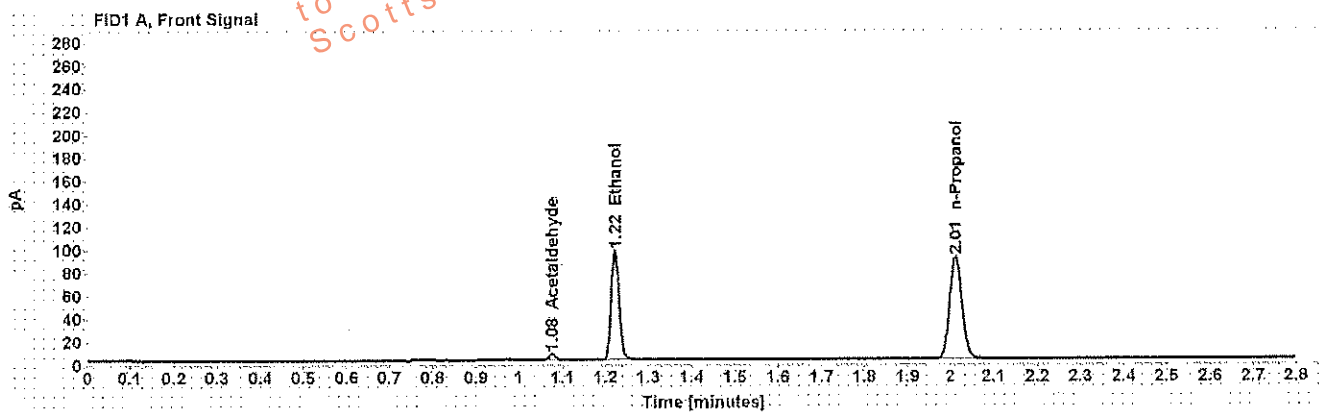


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.646
>Ethanol	0.1844	1.223	122.049
n-Propanol	-----	2.012	181.867

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.119
Ethanol	1.343	145.030
n-Propanol	2.375	213.533

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191565
Injection date: 1/24/2018 1:50:37 PM	Vial: 40
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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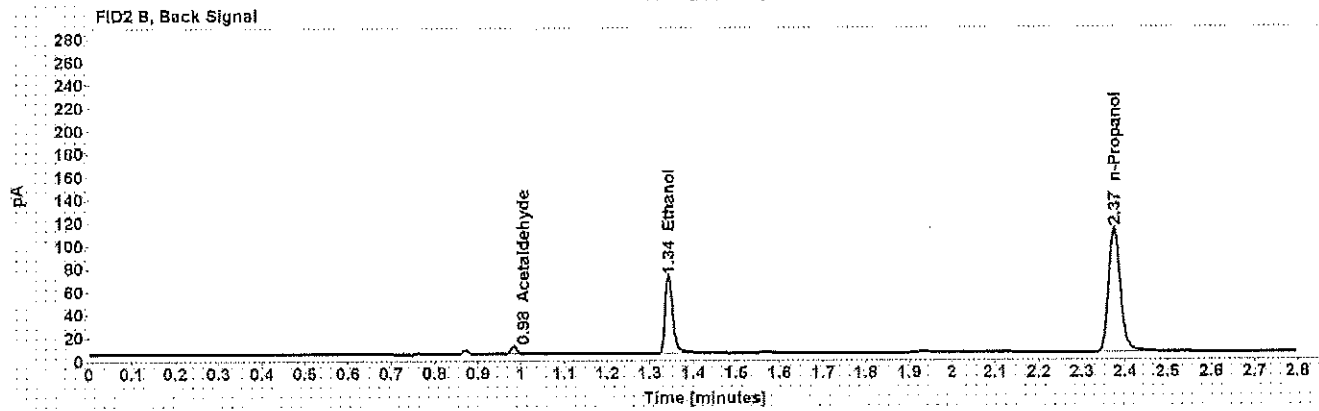
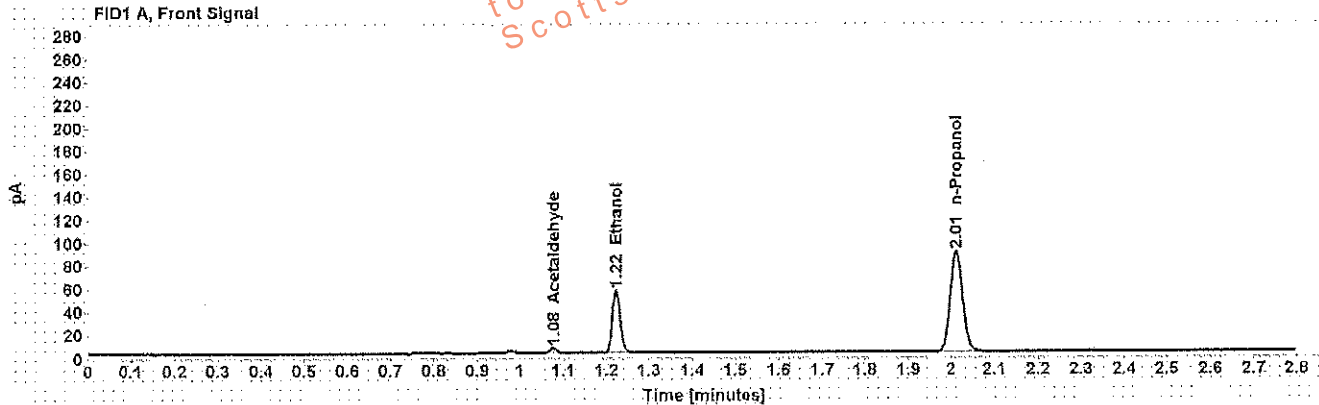


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.705
>Ethanol	0.1093	1.223	70.317
n-Propanol	-----	2.013	177.609

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.959
Ethanol	1.344	82.494
n-Propanol	2.375	208.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191565
Injection date: 1/24/2018 0:54:37 PM	Vial: 41
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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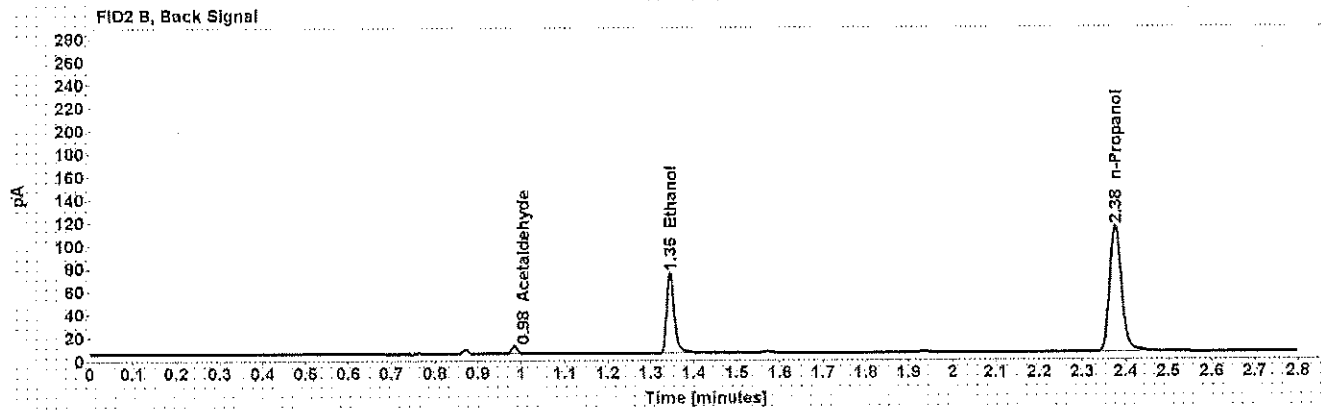
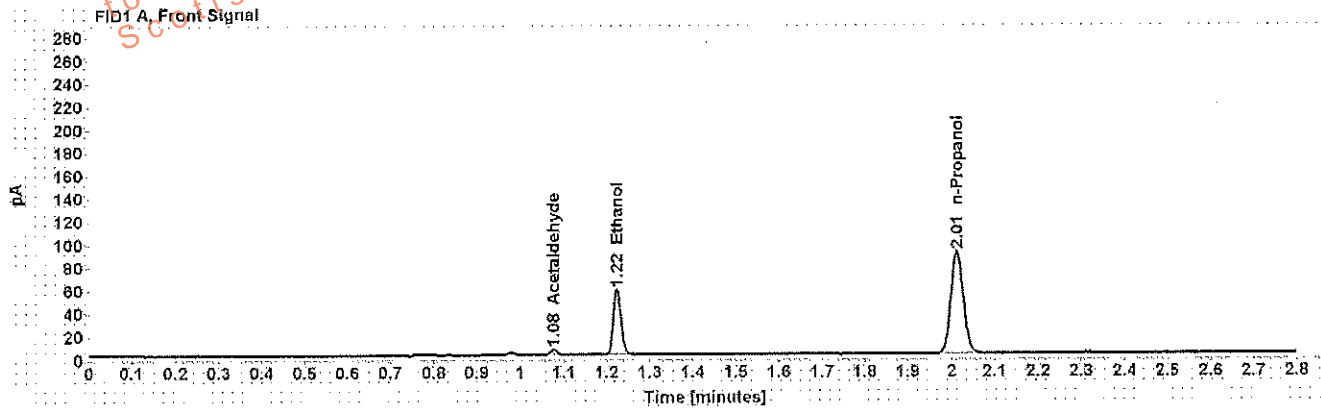


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.821
>Ethanol	0.1106	1.224	72.456
n-Propanol	-----	2.013	180.810

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.063
Ethanol	1.345	85.319
n-Propanol	2.376	212.460

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191652
Injection date: 1/24/2018 2:02:52 PM	Vial: 43
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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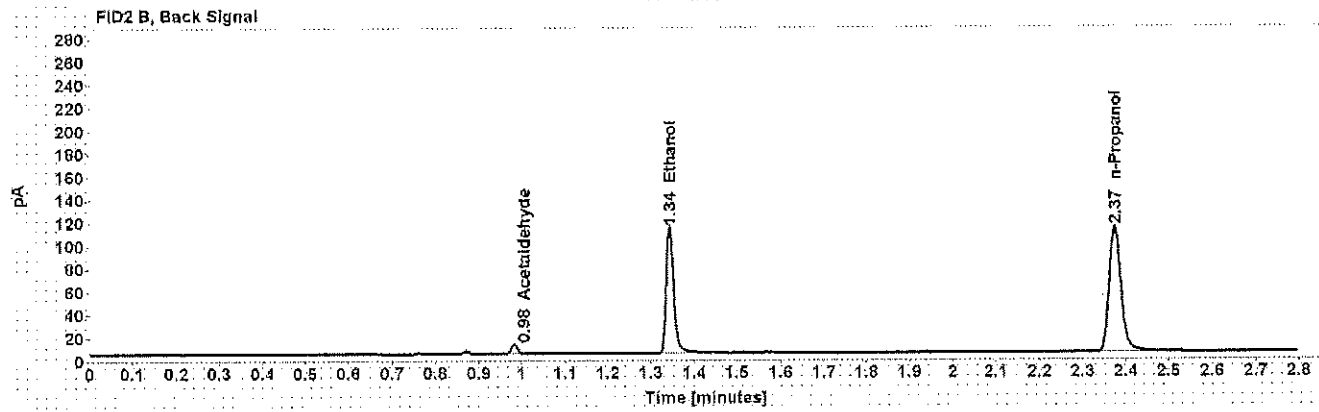
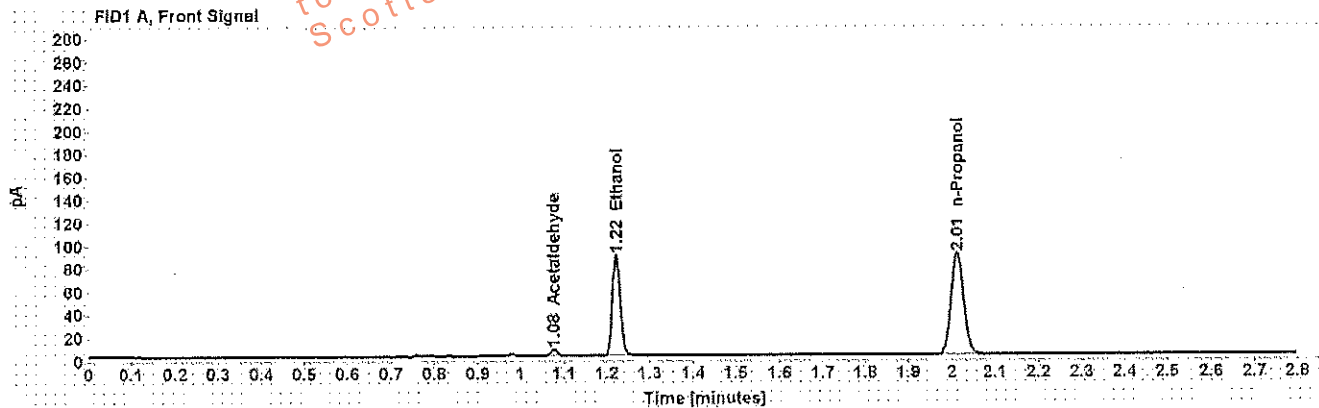


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.912
>Ethanol	0.1711	1.223	112.149
n-Propanol	-----	2.012	180.146

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	7.451
Ethanol	1.343	133.262
n-Propanol	2.374	211.736

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1191652
Injection date: 1/24/2018 2:06:51 PM	Vial: 44
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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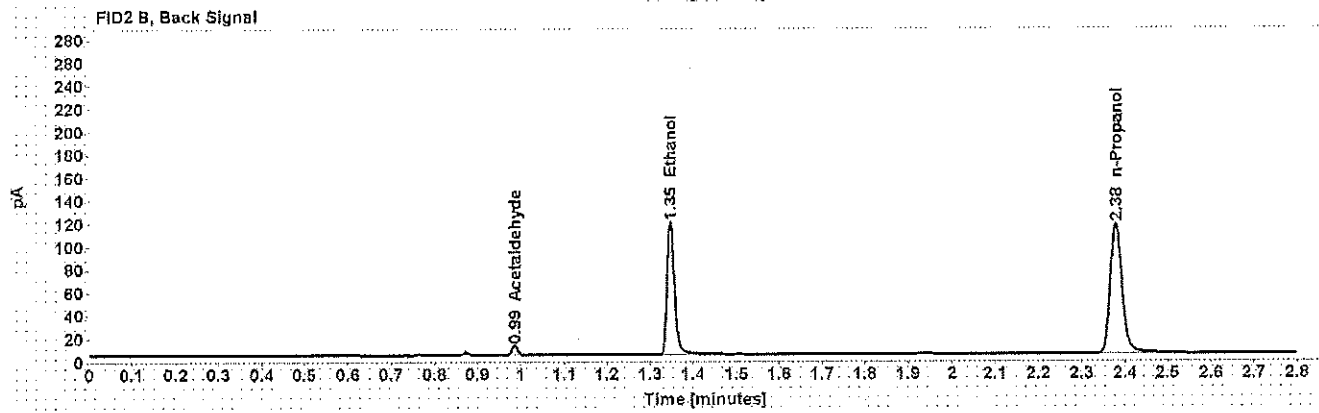
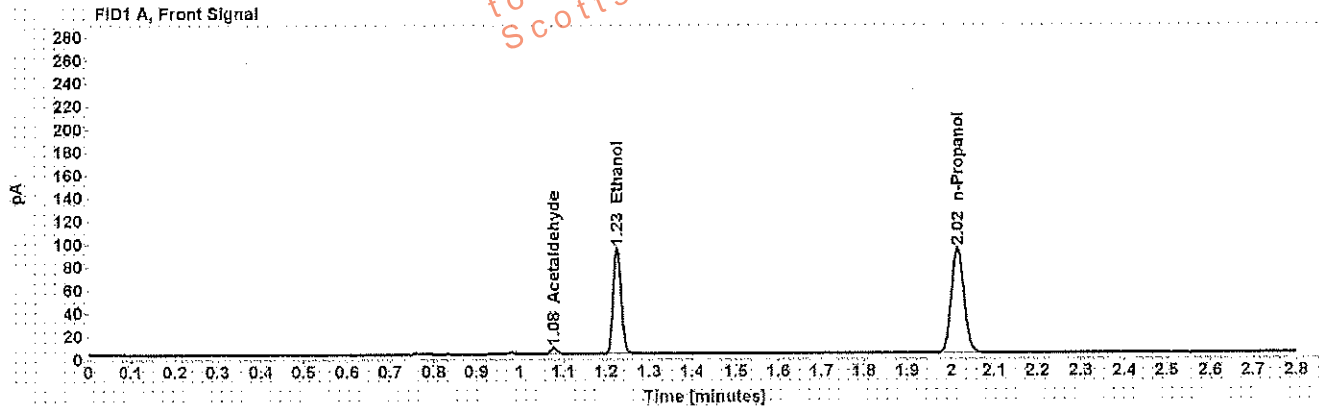


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.913
>Ethanol	0.1748	1.225	118.421
n-Propanol	-----	2.015	186.187

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	7.387
Ethanol	1.348	140.553
n-Propanol	2.378	218.718

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190798
Injection date: 1/24/2018 2:10:52 PM	Vial: 45
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\24Jan18\45.D	

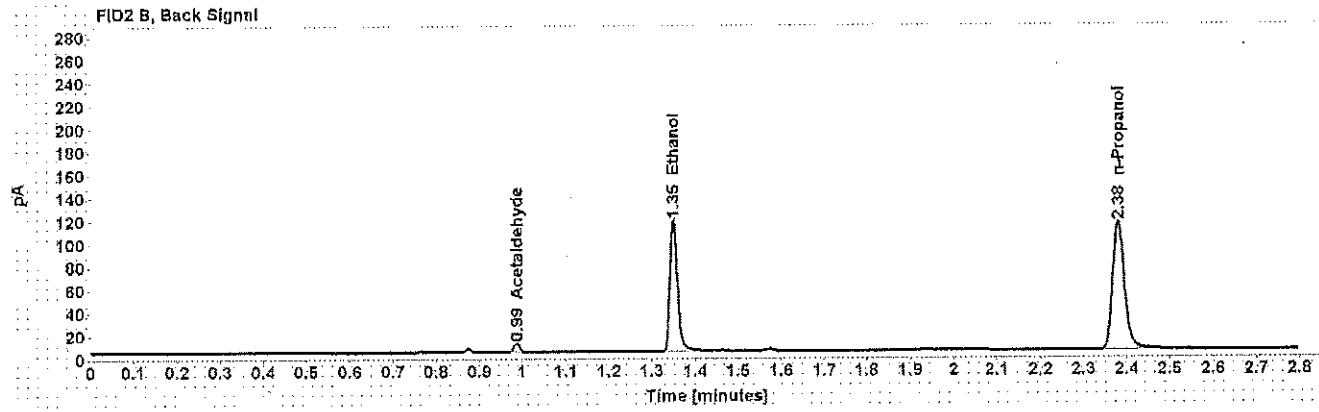
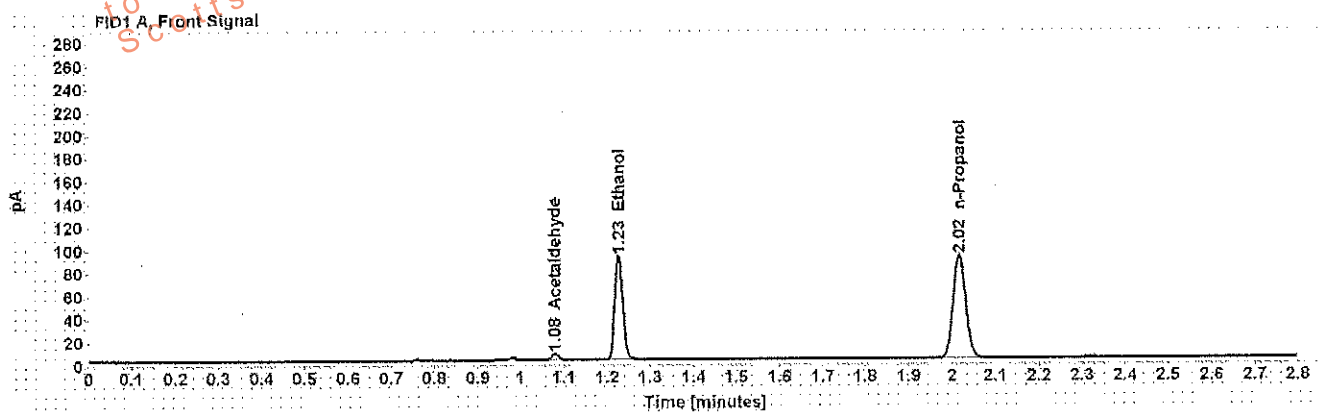


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	5.675
>Ethanol	0.1768	1.227	117.352
n-Propanol	-----	2.017	182.466

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	7.140
Ethanol	1.350	140.966
n-Propanol	2.381	215.004

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1190798
Injection date: 1/24/2018 2:14:52 PM	Vial: 46
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173028 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\24Jan18\46.D	

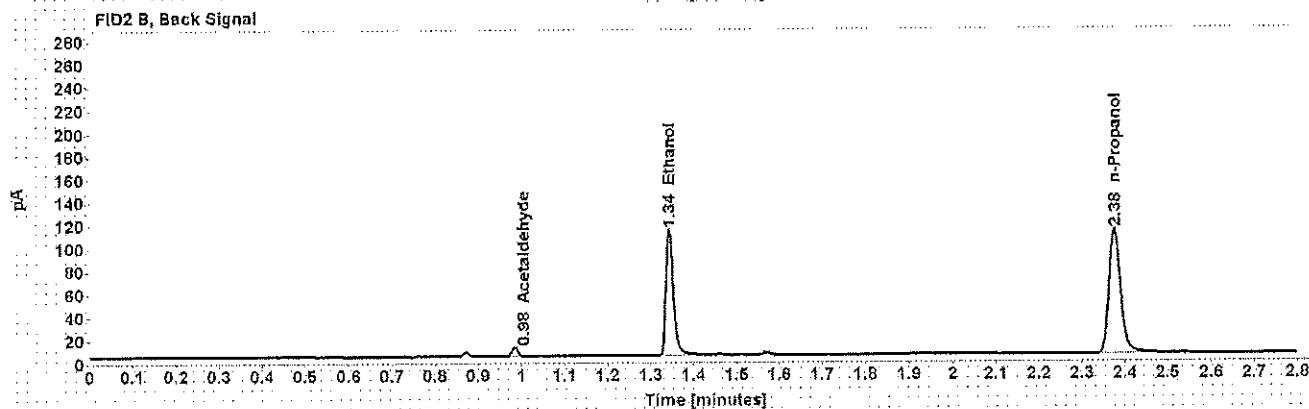
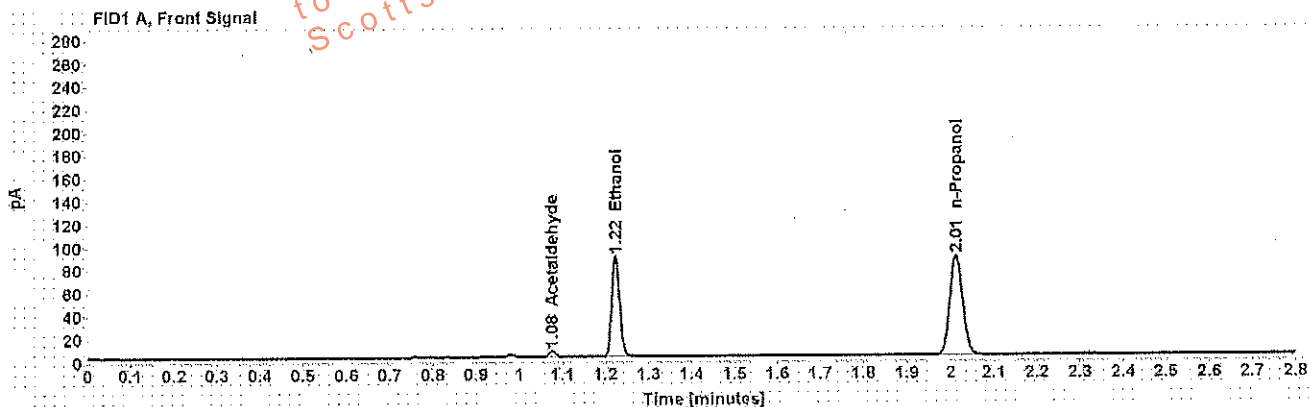


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.582
>Ethanol	0.1726	1.223	112.342
n-Propanol	-----	2.013	178.948

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	7.033
Ethanol	1.344	134.891
n-Propanol	2.376	209.546

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192515
Injection date: 1/24/2018 2:18:52 PM	Vial: 47
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\47.D	

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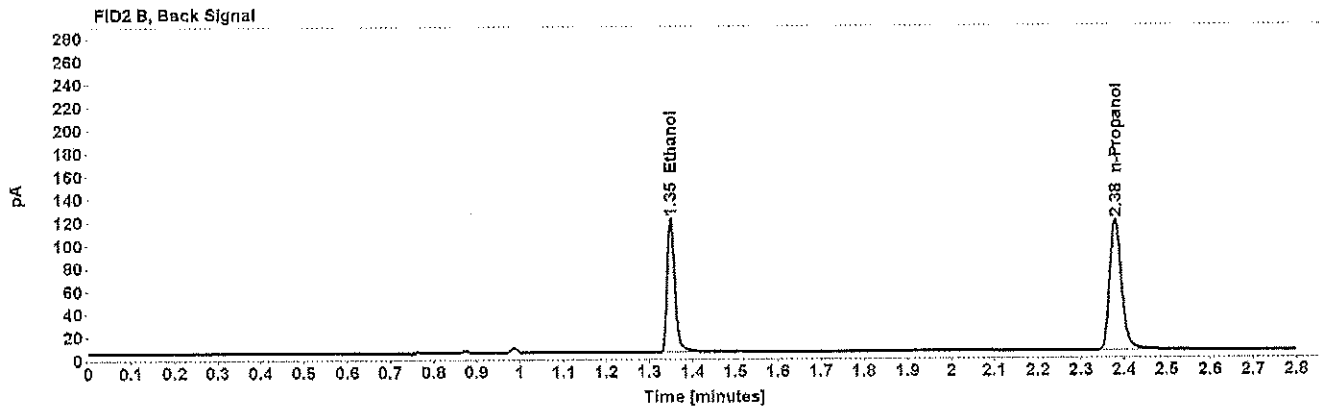
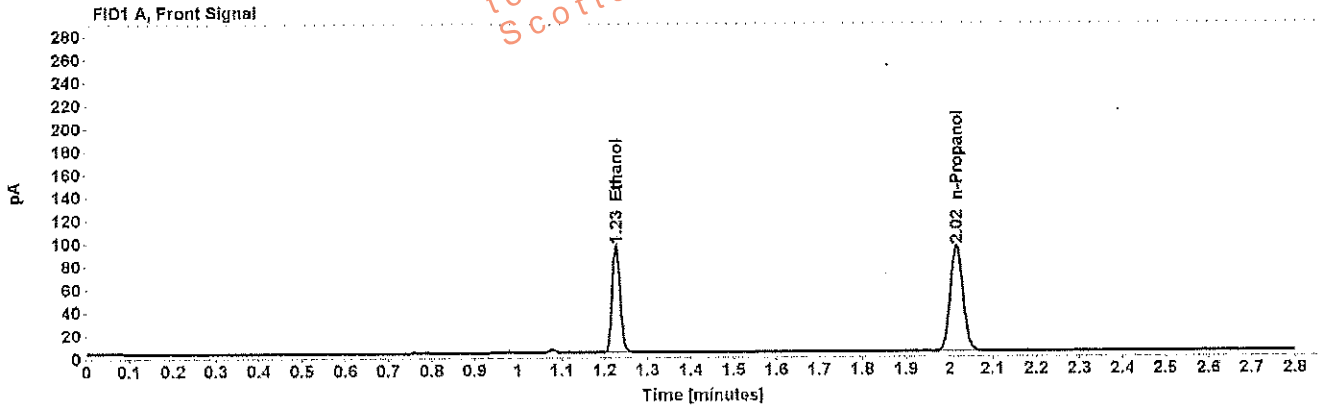


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1763	1.227	120.372
n-Propanol	-----	2.016	187.647

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

Compound	Time (min)	Peak Area
Ethanol	1.349	142.970
n-Propanol	2.380	219.970

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192515
Injection date: 1/24/2018 2:22:52 PM	Vial: 48
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\48.D	

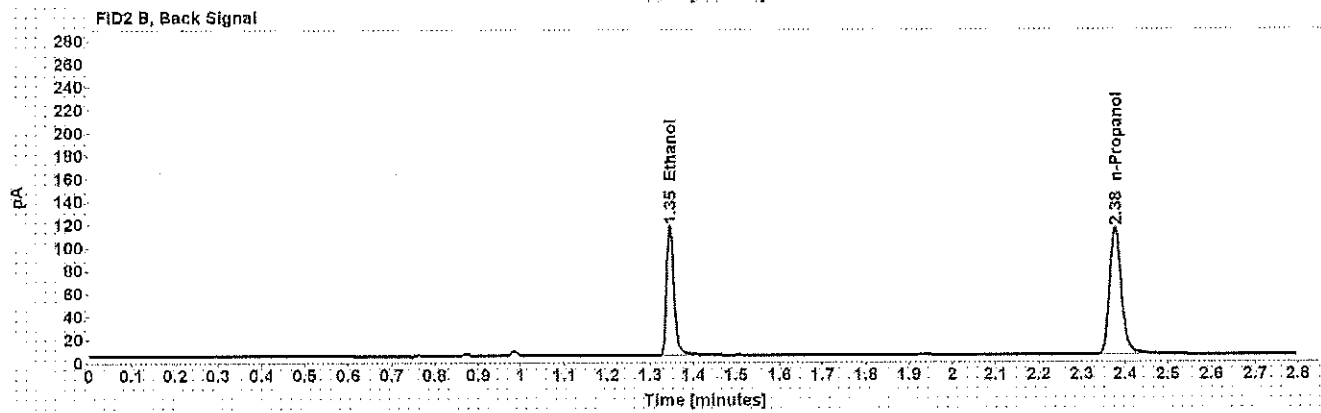
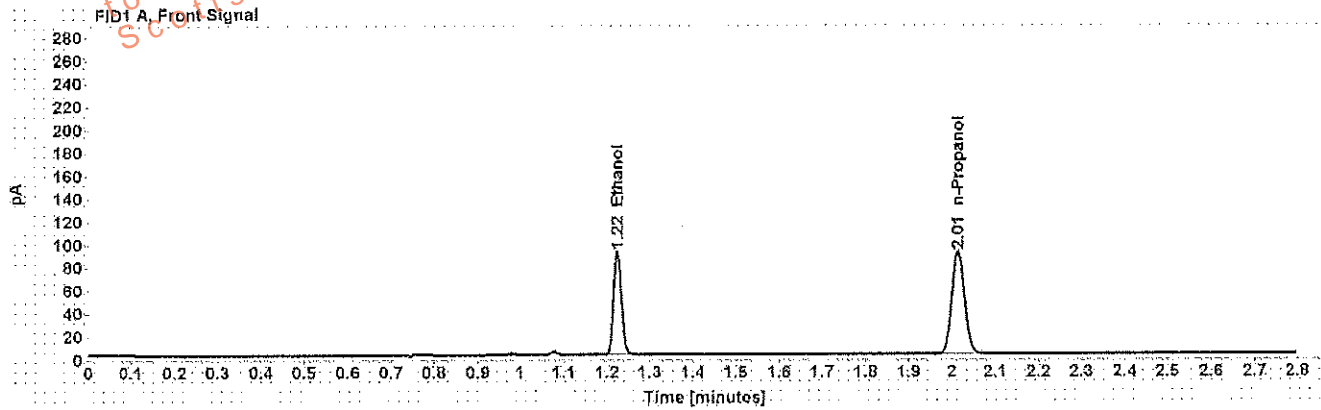


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1749	1.224	115.742
n-Propanol	-----	2.014	181.922

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

Compound	Time (min)	Peak Area
Ethanol	1.346	137.510
n-Propanol	2.377	213.315

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192496
Injection date: 1/24/2018 2:27:06 PM	Vial: 49
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\24Jan18\49.D	

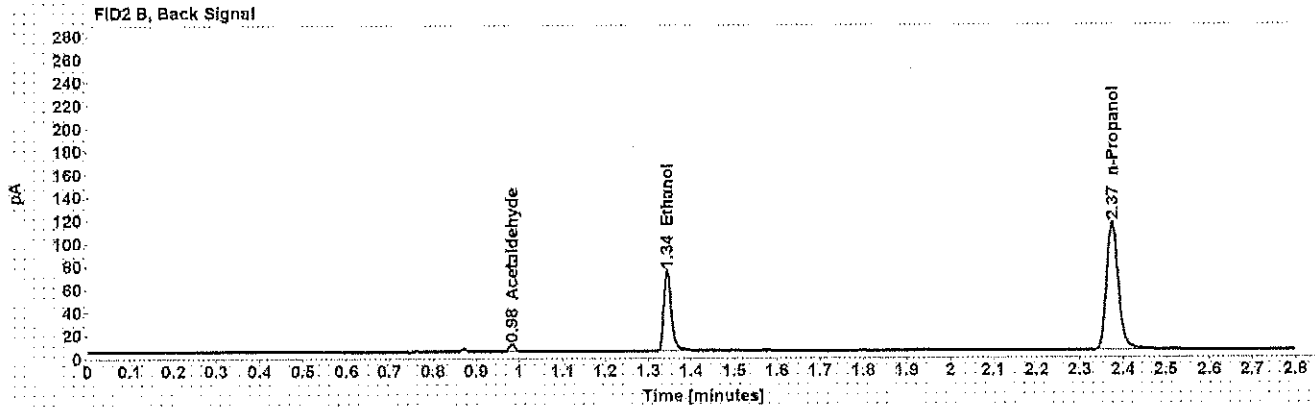
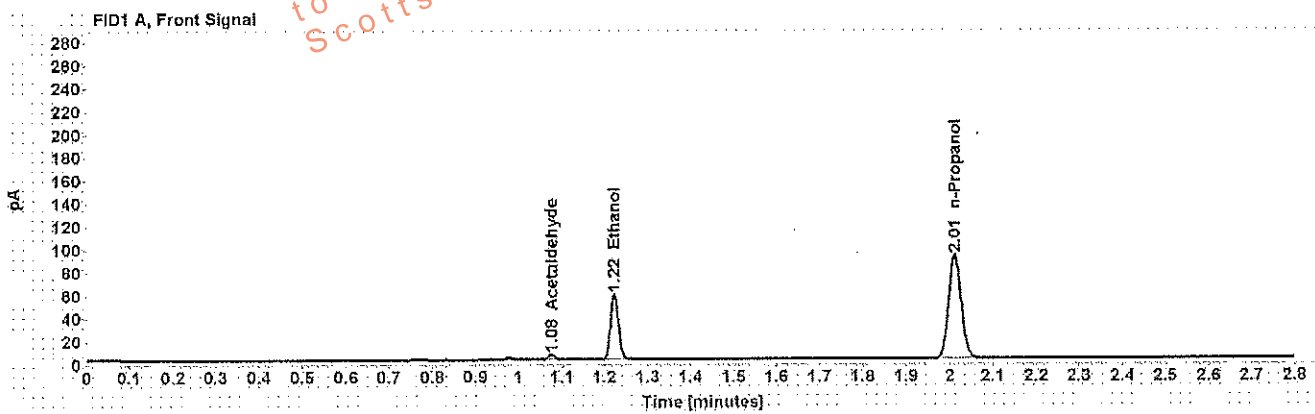


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.477
>Ethanol	0.1092	1.223	72.718
n-Propanol	-----	2.012	183.905

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	5.691
Ethanol	1.344	85.301
n-Propanol	2.374	216.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1192496
Injection date: 1/24/2018 2:31:07 PM	Vial: 50
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\24Jan18\50.D	

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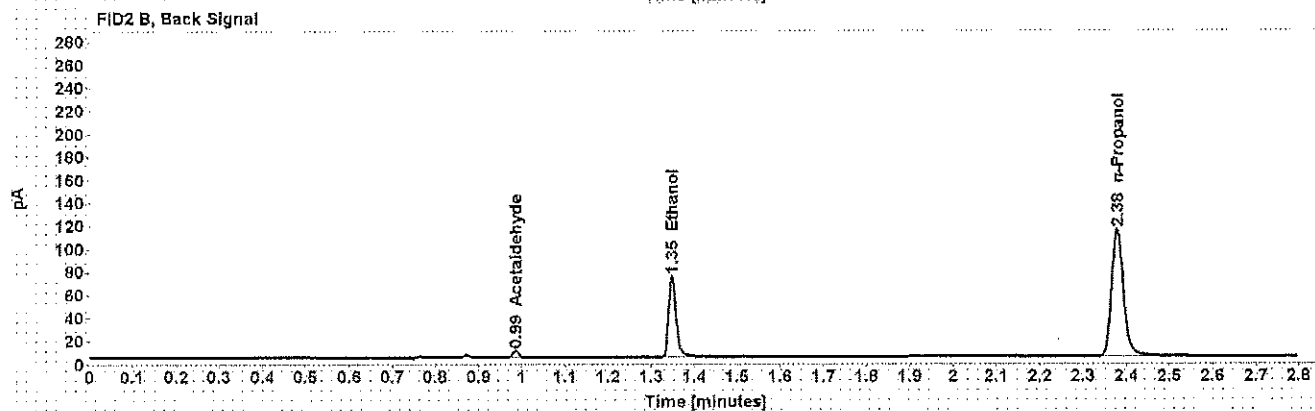
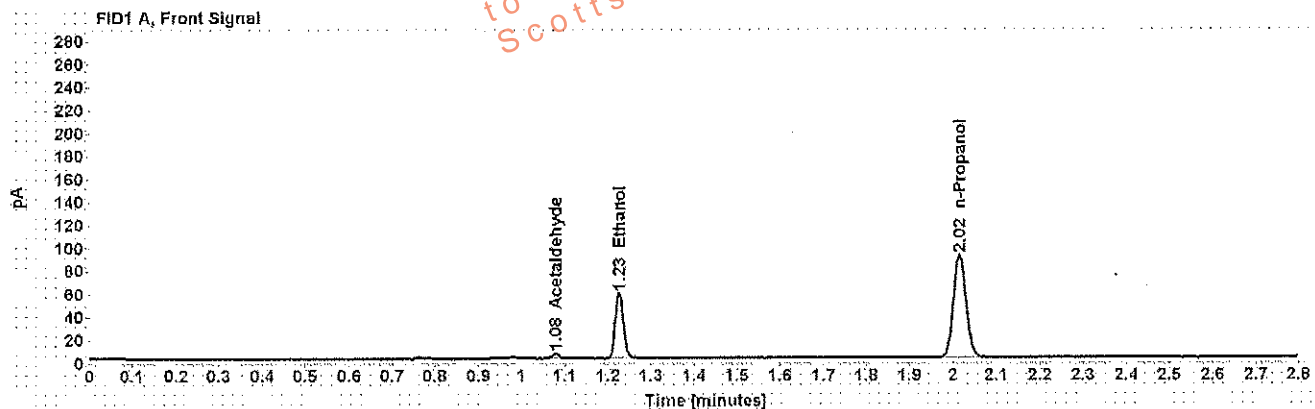


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.420
>Ethanol	0.1112	1.226	73.479
n-Propanol	-----	2.015	182.368

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.565
Ethanol	1.348	86.499
n-Propanol	2.378	214.113

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1181432
Injection date: 1/24/2018 2:35:06 PM	Vial: 51
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\24Jan18\51.D	

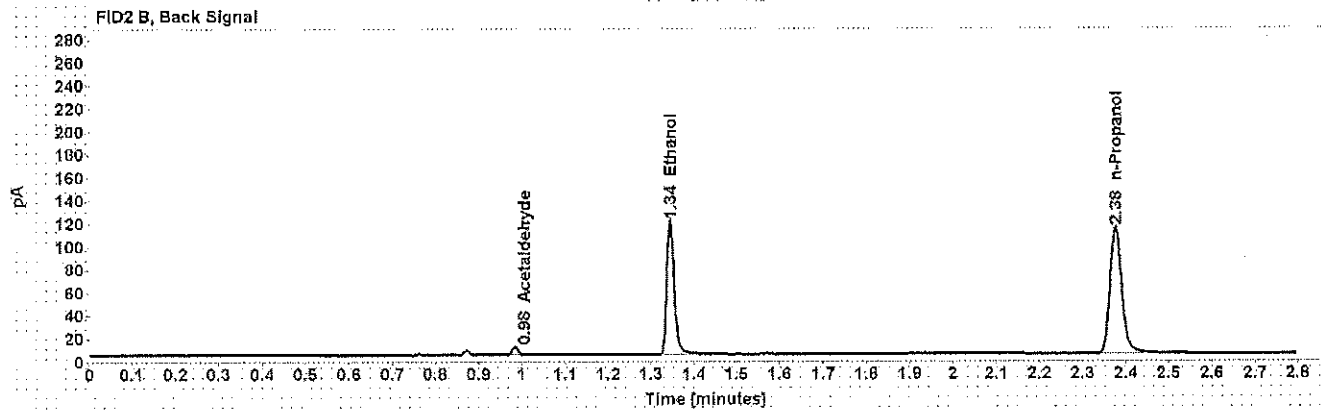
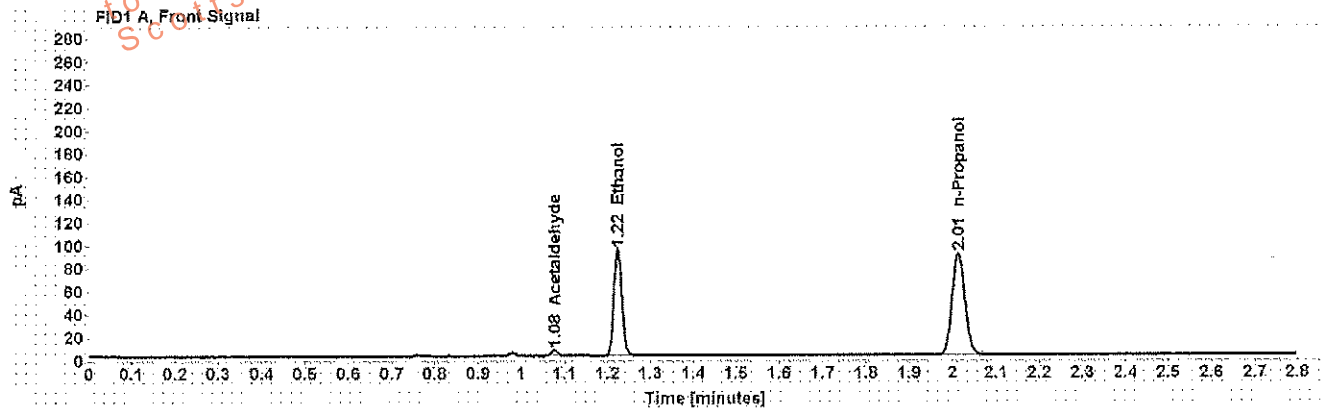


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.095
>Ethanol	0.1810	1.224	119.010
n-Propanol	-----	2.013	180.626

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.403
Ethanol	1.345	142.876
n-Propanol	2.376	212.443

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1181432
Injection date: 1/24/2018 2:39:07 PM	Vial: 52
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\24Jan18\52.D	

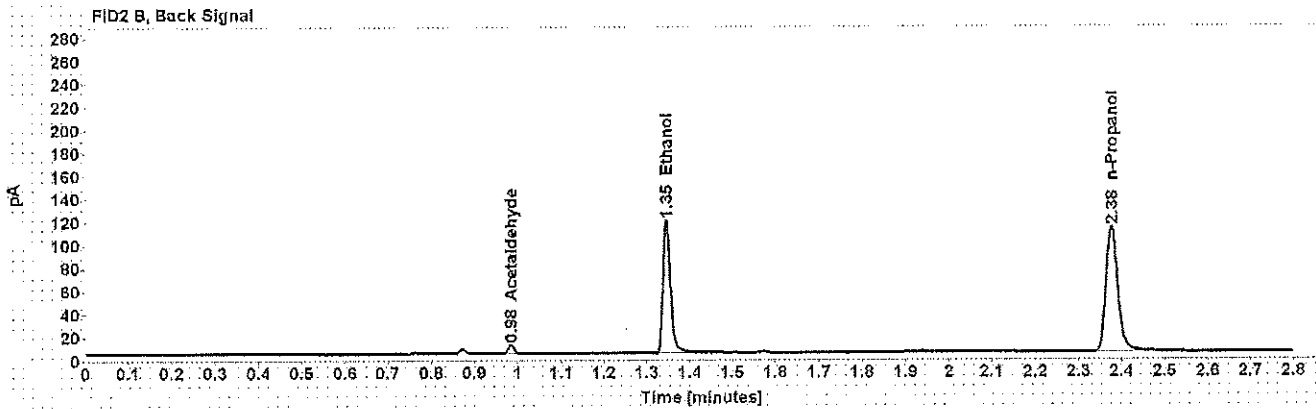
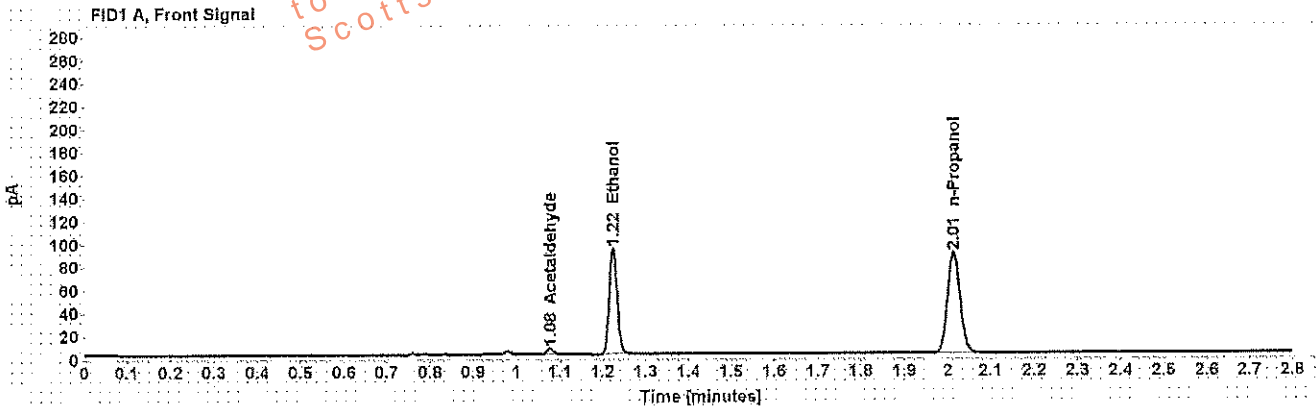


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.300
>Ethanol	0.1817	1.224	118.224
n-Propanol	-----	2.014	178.801

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.808
Ethanol	1.346	142.132
n-Propanol	2.377	210.055

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1169217
Injection date: 1/24/2018 2:47:07 PM	Vial: 54
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\54.D	

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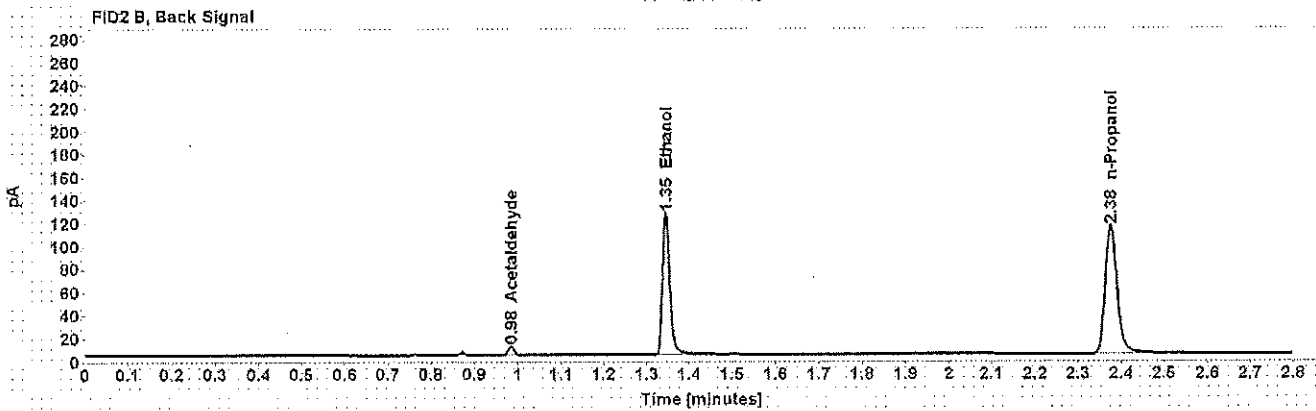
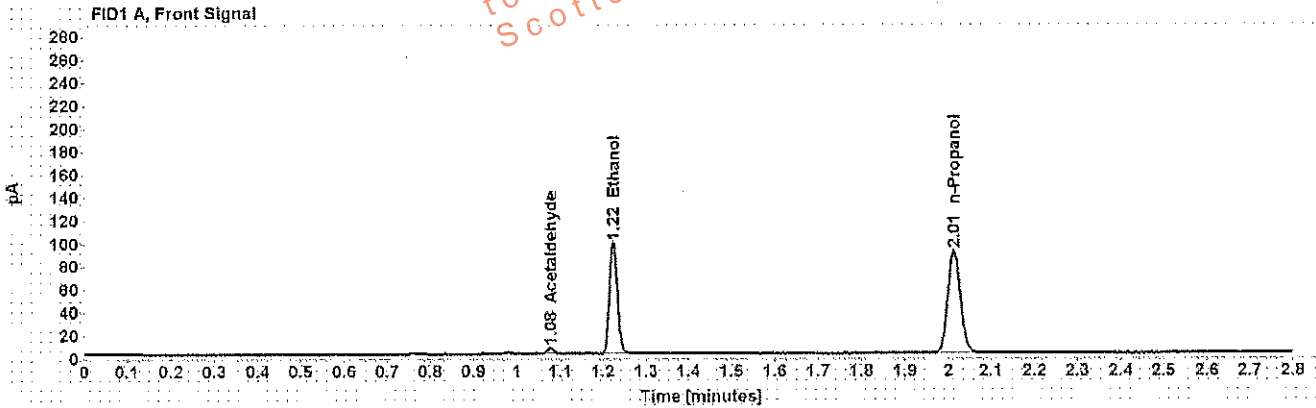


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.412
>Ethanol	0.1881	1.224	124.813
n-Propanol	-----	2.014	182.280

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.772
Ethanol	1.345	148.644
n-Propanol	2.376	214.023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1169217
Injection date: 1/24/2018 2:51:22 PM	Vial: 55
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: LS14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\24Jan18\55.D	

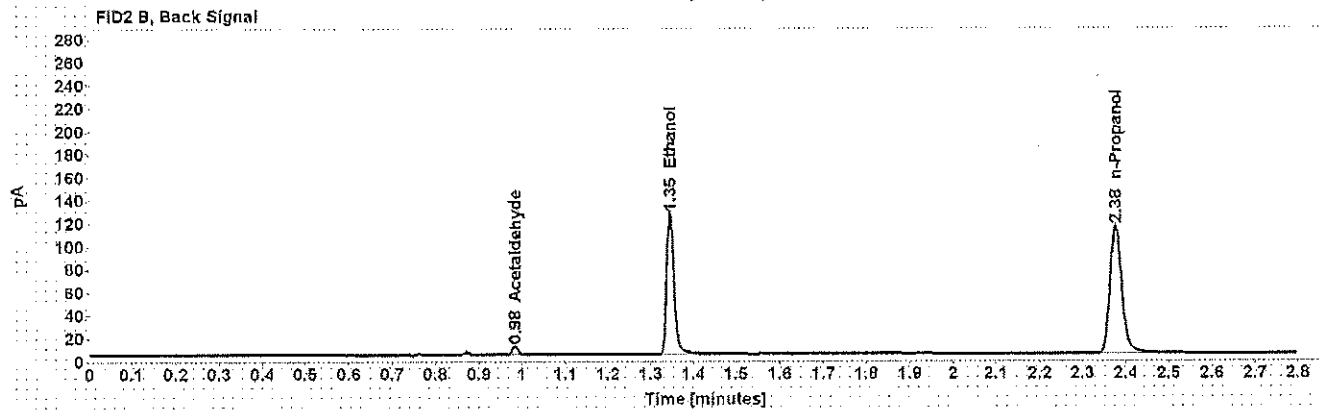
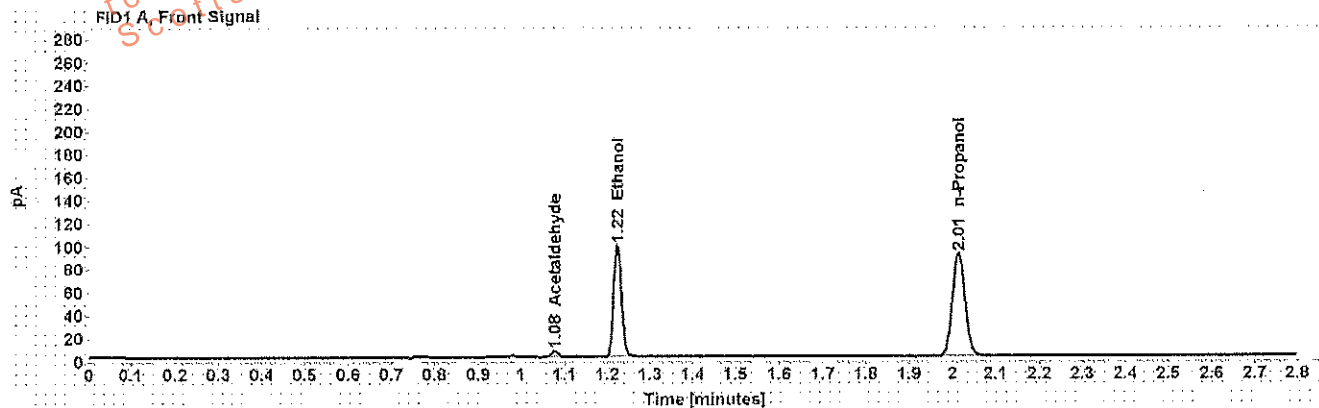


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	5.383
>Ethanol	0.1883	1.224	125.036
n-Propanol	-----	2.014	182.439

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.771
Ethanol	1.345	148.871
n-Propanol	2.376	214.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194457
Injection date: 1/24/2018 2:55:21 PM	Vial: 56
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\56.D	

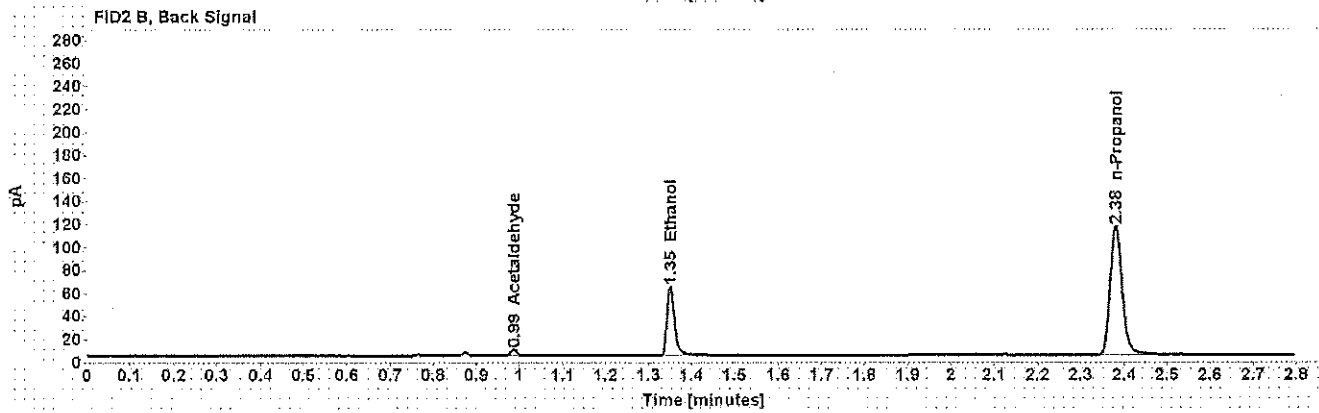
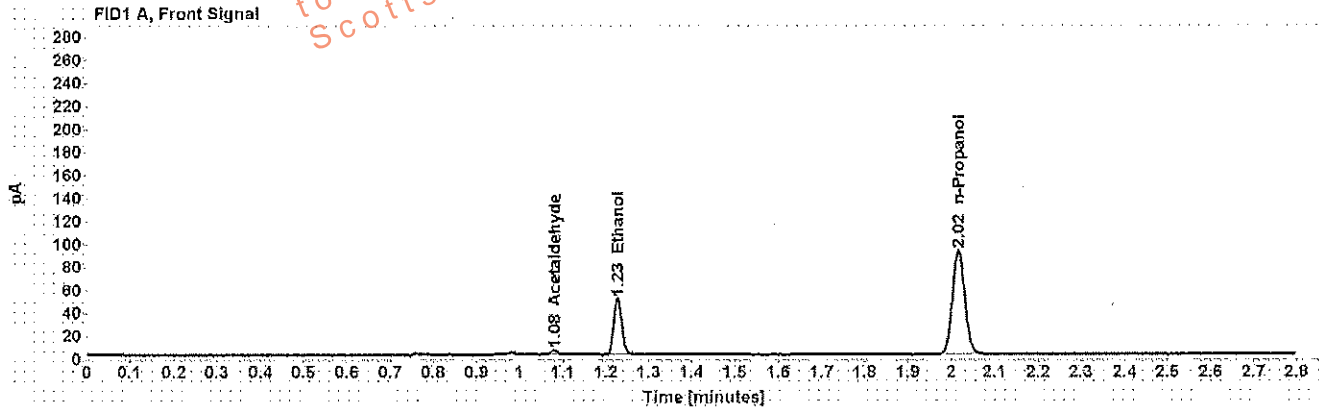


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	3.962
>Ethanol	0.0951	1.228	63.504
n-Propanol	-----	2.017	184.792

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.015
Ethanol	1.351	74.613
n-Propanol	2.381	217.181

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1194457
Injection date: 1/24/2018 2:59:22 PM	Vial: 57
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\24Jan18\57.D	

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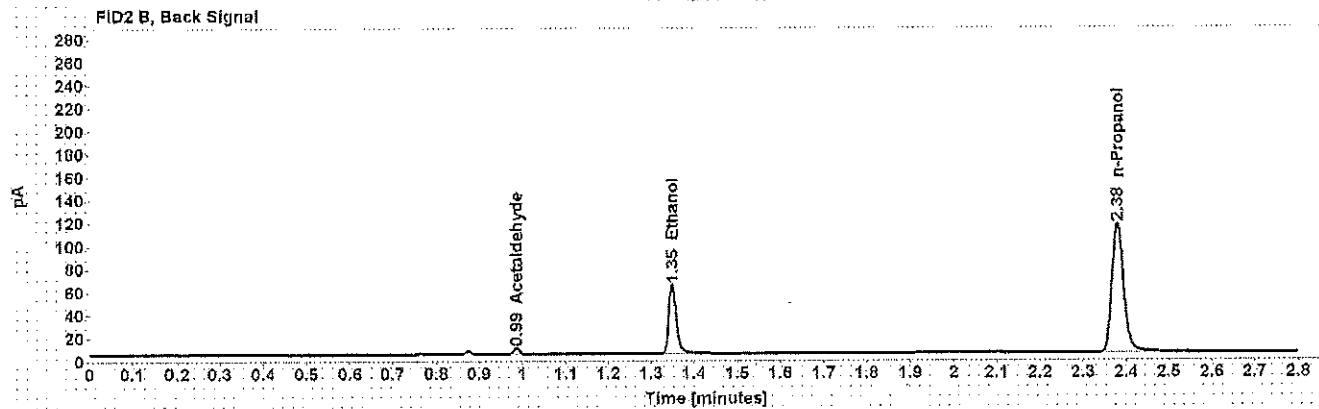
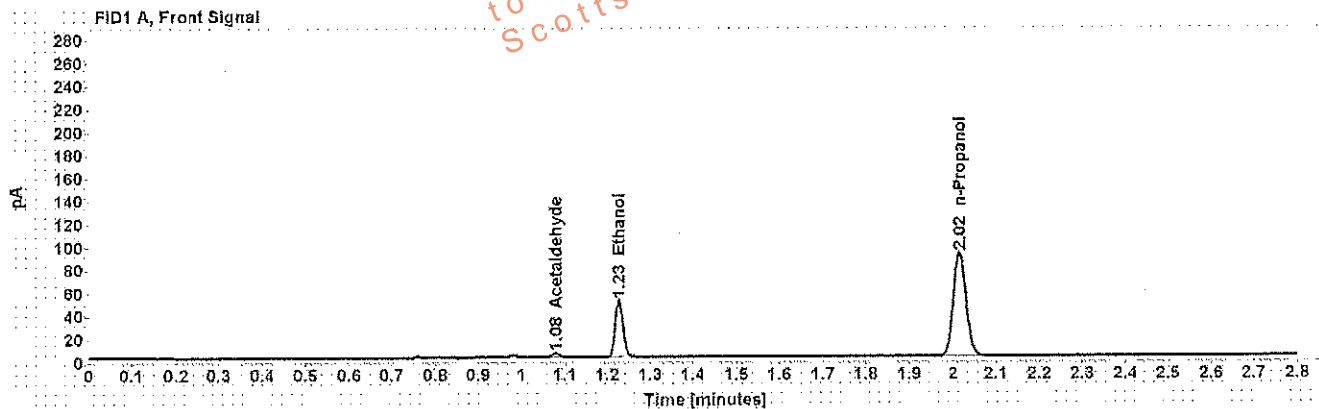


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	3.994
>Ethanol	0.0949	1.227	63.215
n-Propanol	-----	2.016	184.359

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.009
Ethanol	1.350	74.283
n-Propanol	2.380	216.510

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195012
Injection date: 1/24/2018 3:03:22 PM	Vial: 58
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
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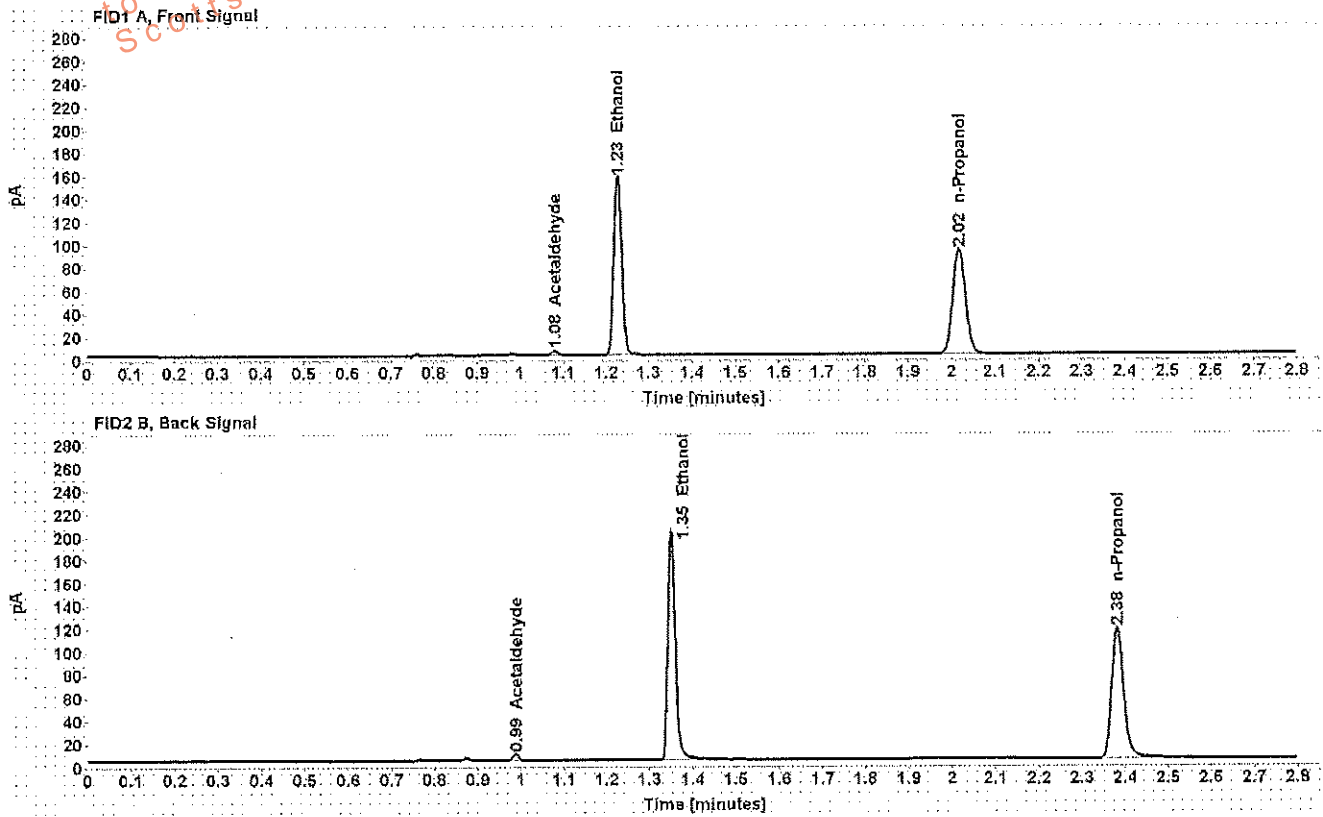


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.080
>Ethanol	0.2958	1.227	201.523
n-Propanol	-----	2.017	186.656

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.158
Ethanol	1.351	241.032
n-Propanol	2.382	219.516

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1195012
Injection date: 1/24/2018 3:07:22 PM	Vial: 59
Method: ethanol quant.M	Sequence: 24Jan18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\24Jan18\59.D	

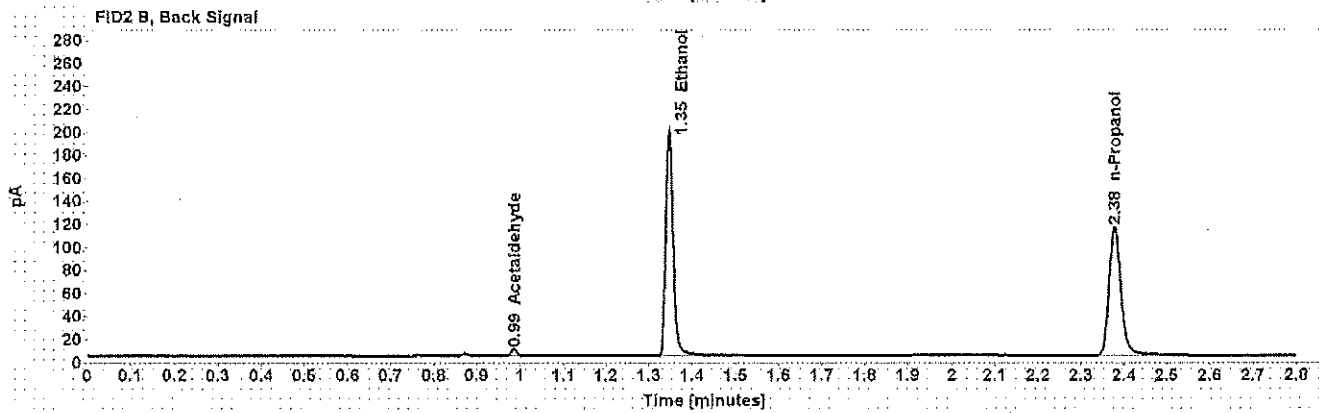
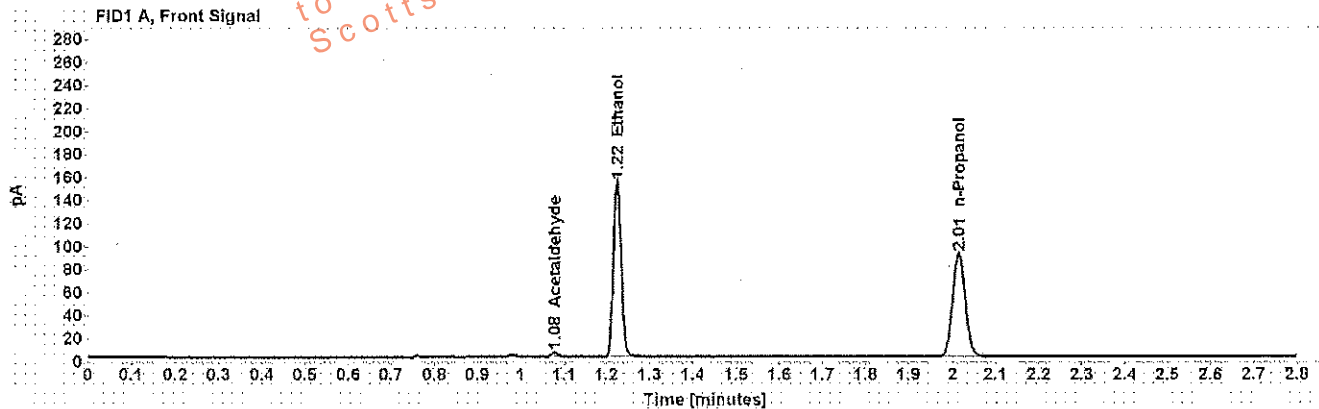


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.046
>Ethanol	0.2931	1.225	196.202
n-Propanol	-----	2.015	183.423

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	5.085
Ethanol	1.347	234.566
n-Propanol	2.378	215.873