

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 4/16/2018 SEQUENCE NAME 16Apr18

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	0.400 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	0.201 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
27	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 08012015-C
28	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
29	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/3
30	Blank	Not detected	Not detected	SPD lab 010318

SUBJECT SAMPLES

Subjects in the sequence 7 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This run included verification testing for one new control lot.

Run valid Run invalid WA B1570 4/17/18 Analyst
 Run valid Run invalid KOSECKI 4/18/18 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

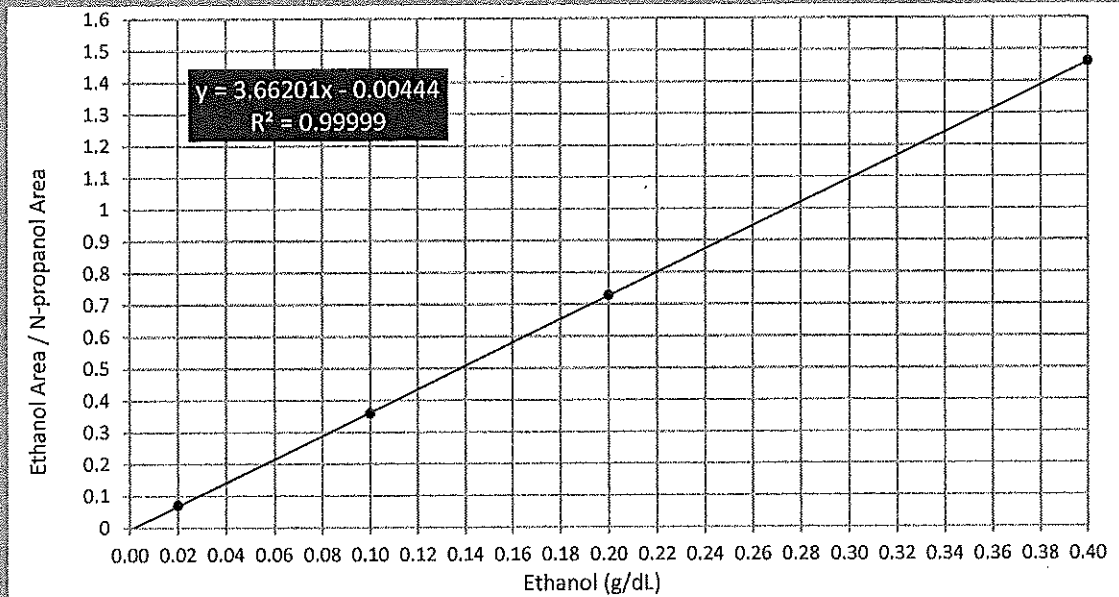
SEQUENCE NAME: 16Apr18

ANALYST: Adrian W/A

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	0.400	0.400	0.00	0.000
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	9	0.201	0.198	1.52	0.003
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.400 Lipomed 08012015-C	27	0.407	0.400	1.75	0.007
0.040 Lipomed 09022015-A	28	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	29	0.201	0.198	1.52	0.003
blank 010318	30	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.722	181.186	0.070
0.100	62.034	172.691	0.359
0.200	125.752	172.480	0.729
0.400	257.311	176.196	1.460

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized personnel only. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

WA

Sample: 0.020 Ceriliant FN03241604	Item number:
Injection date: 4/16/2018 3:15:09 PM	Vial: 1
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\1.D	

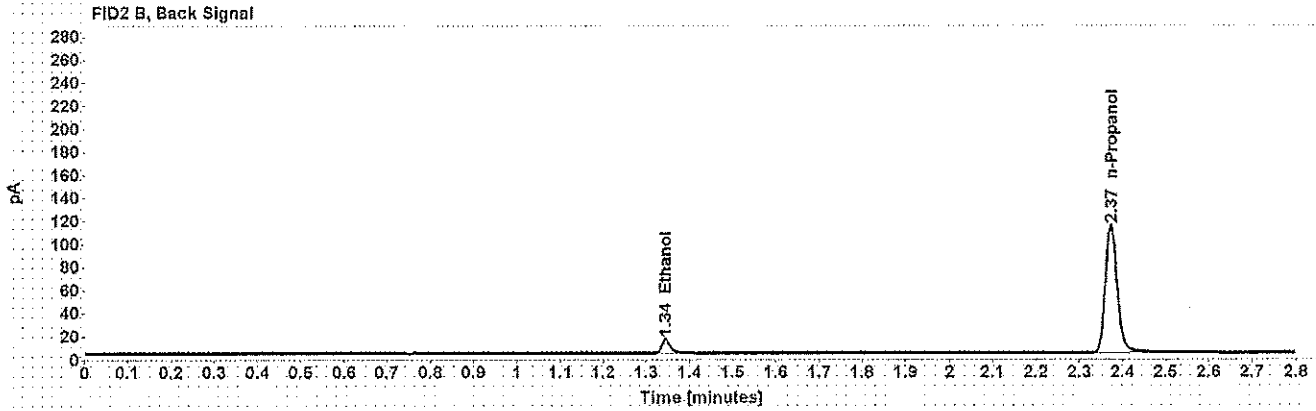
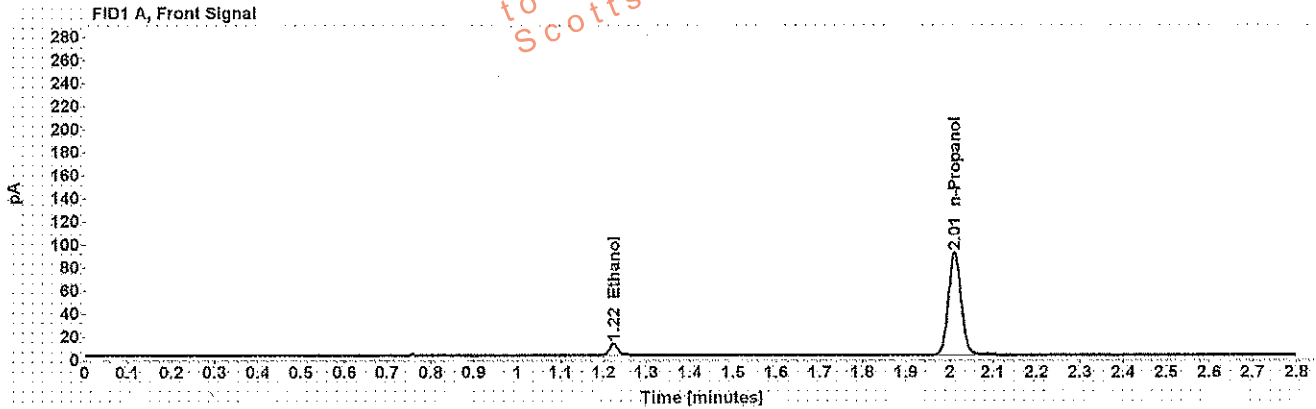


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.224	12.722
n-Propanol	2.011	181.186

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

Compound	Time (min)	Peak Area
Ethanol	1.345	14.733
n-Propanol	2.373	212.287

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 4/16/2018 3:19:08 PM	Vial: 2
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\2.D	

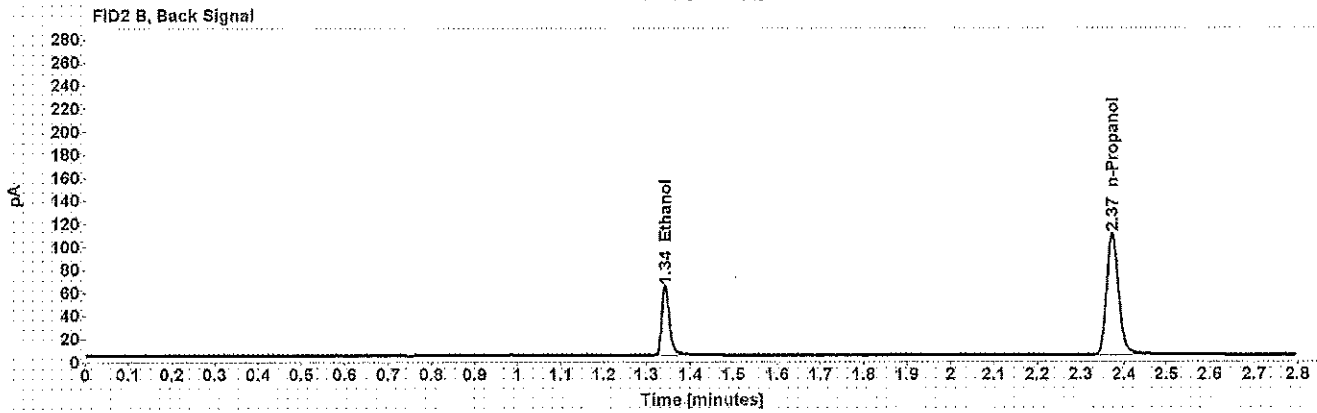
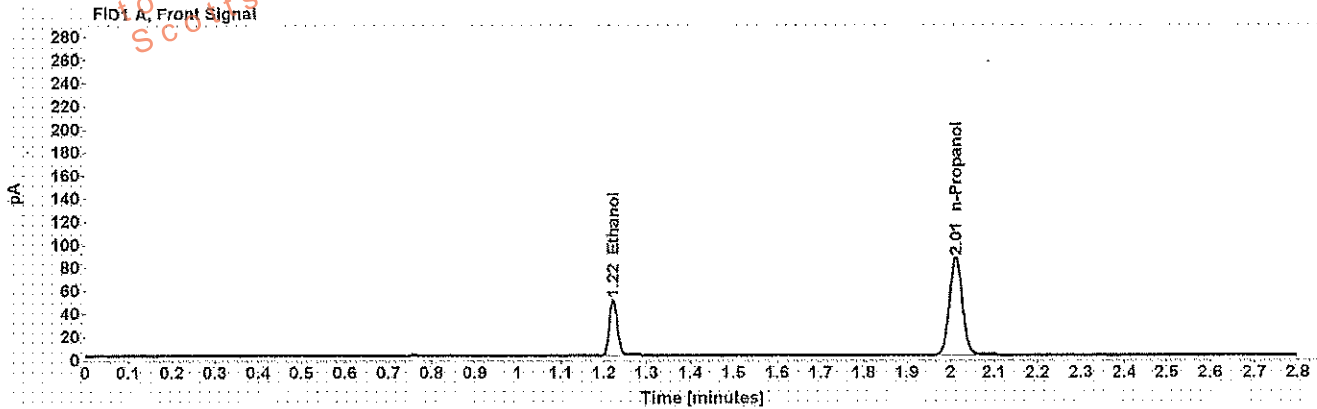


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	62.034
n-Propanol	2.011	172.691

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

Compound	Time (min)	Peak Area
Ethanol	1.342	73.052
n-Propanol	2.373	202.683

Scottsdale Police Department Crime Lab Volatiles Analysis

WY

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 4/16/2018 3:23:09 PM	Vial: 3
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\16Apr18\3.D	

Dissemination is restricted to Criminal Justice Agencies and authorized personnel only. Secondary dissemination to unauthorized agencies is PROHIBITED.
 Scottsdale City Prosecutor

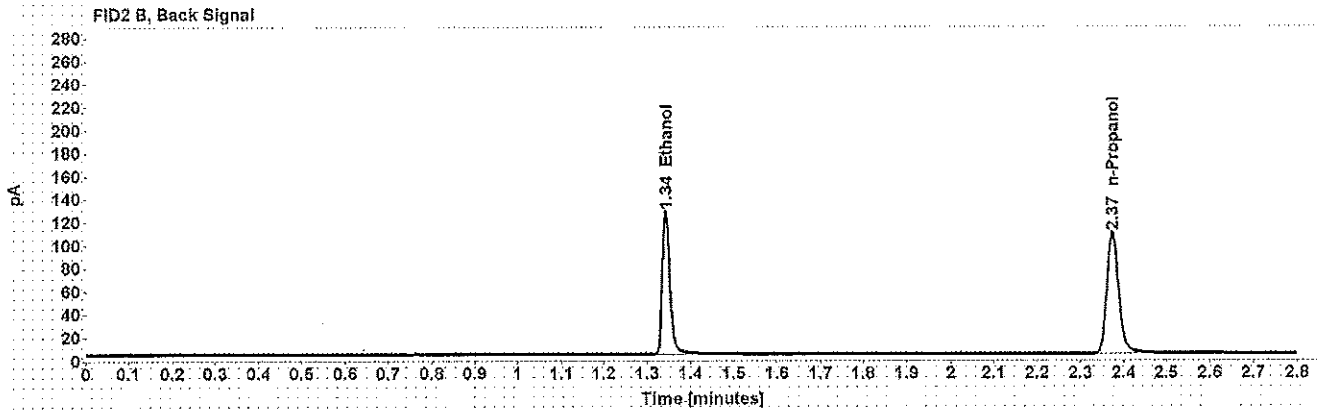
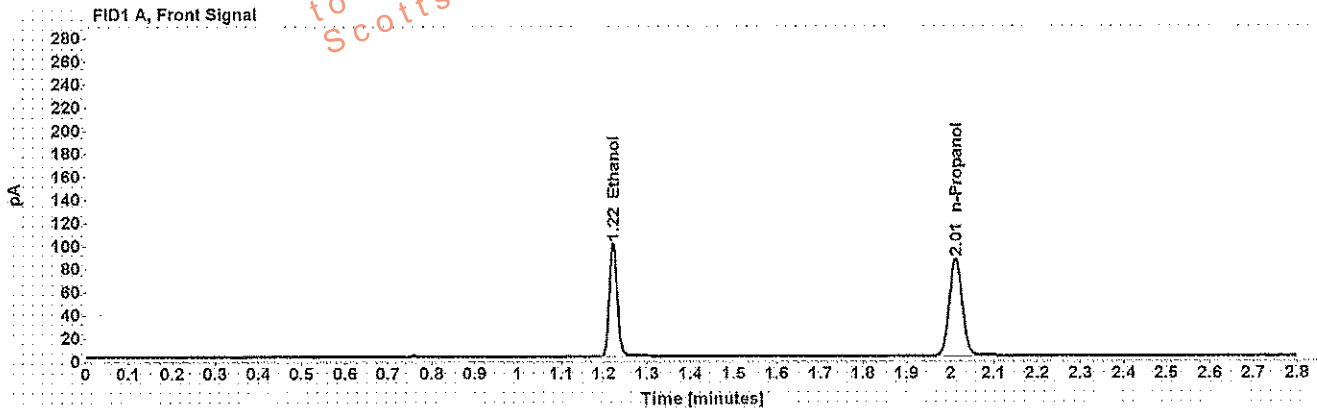


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	125.752
n-Propanol	2.012	172.480

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

Compound	Time (min)	Peak Area
Ethanol	1.342	150.213
n-Propanol	2.374	202.183

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Cerilliant FN11191402
Injection date: 4/16/2018 3:27:08 PM
Method: ethanol quant.M
Instrument: US14173023 CN14160045
Data file: C:\Chem32\1\Data\16Apr18\4.D

Item number: _____
Vial: 4
Sequence: 16Apr18
Analyst: Adrian

WA

Dissemination is restricted to Criminal Justice Agencies and authorized agencies only. Secondary dissemination to unauthorized agencies is PROHIBITED.
 Scottsdale City Prosecutor

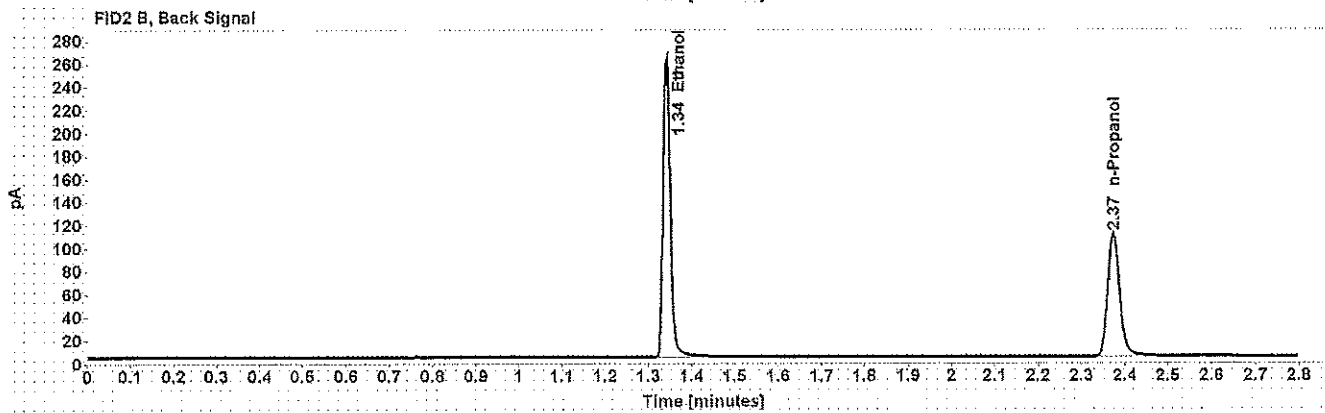
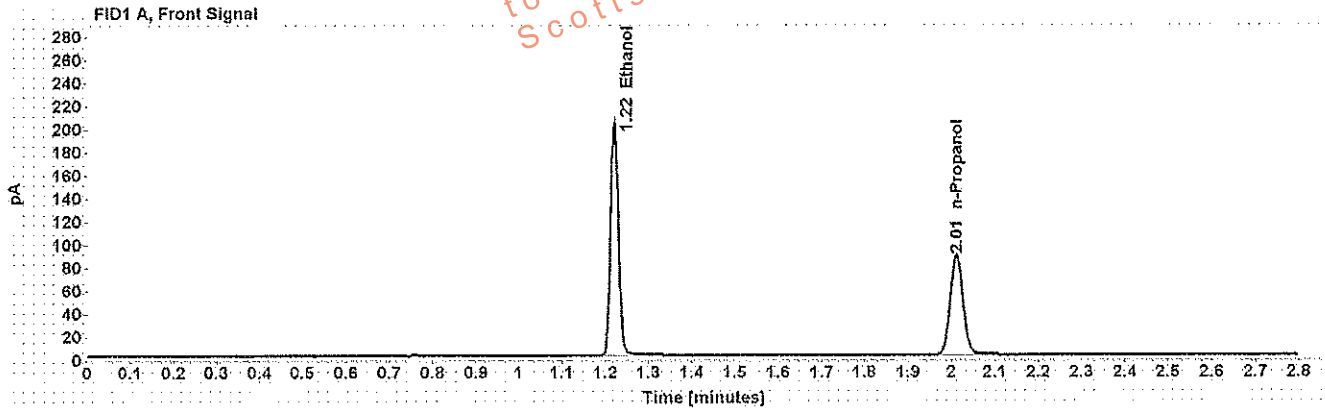


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.221	257.311
n-Propanol	2.011	176.196

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

Compound	Time (min)	Peak Area
Ethanol	1.341	309.797
n-Propanol	2.373	207.145

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 010318	Item number:
Injection date: 4/16/2018 3:31:09 PM	Vial: 5
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\1Data\16Apr18\5.D	

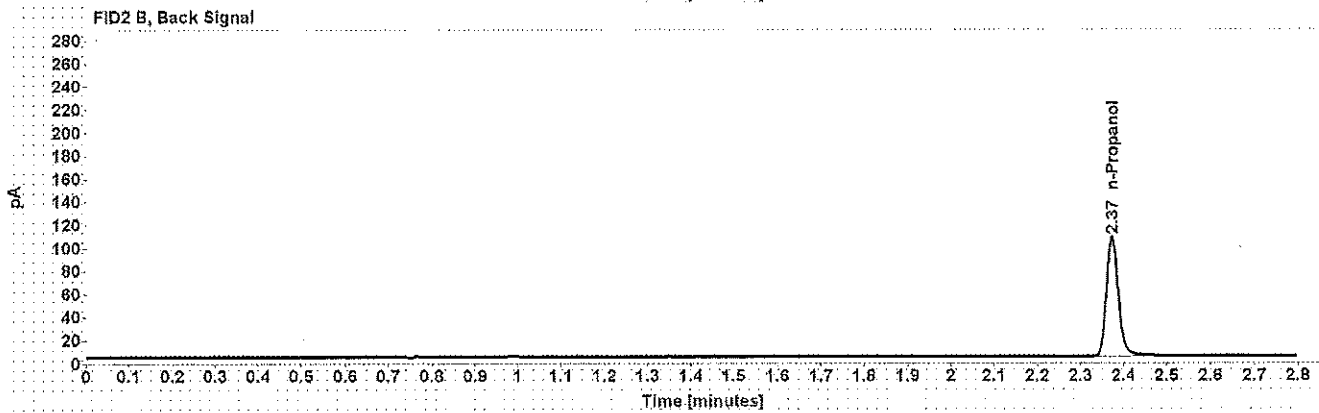
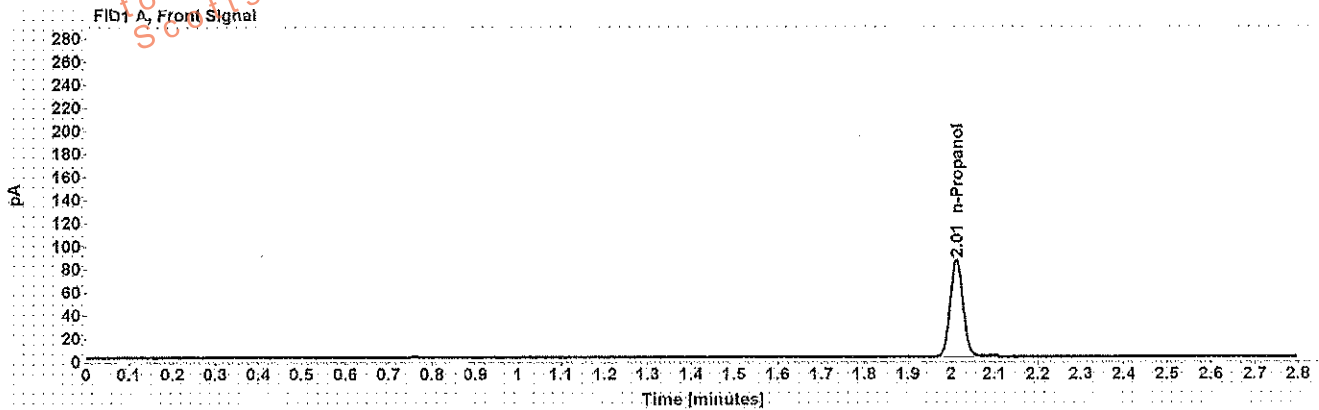


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.011	171.625

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

Compound	Time (min)	Peak Area
n-Propanol	2.374	200.855

Scottsdale Police Department Crime Lab Volatiles Analysis

LWA

Sample: volatiles mix 020917 WLA	Item number:
Injection date: 4/16/2018 3:35:09 PM	Vial: 6
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\6.D	

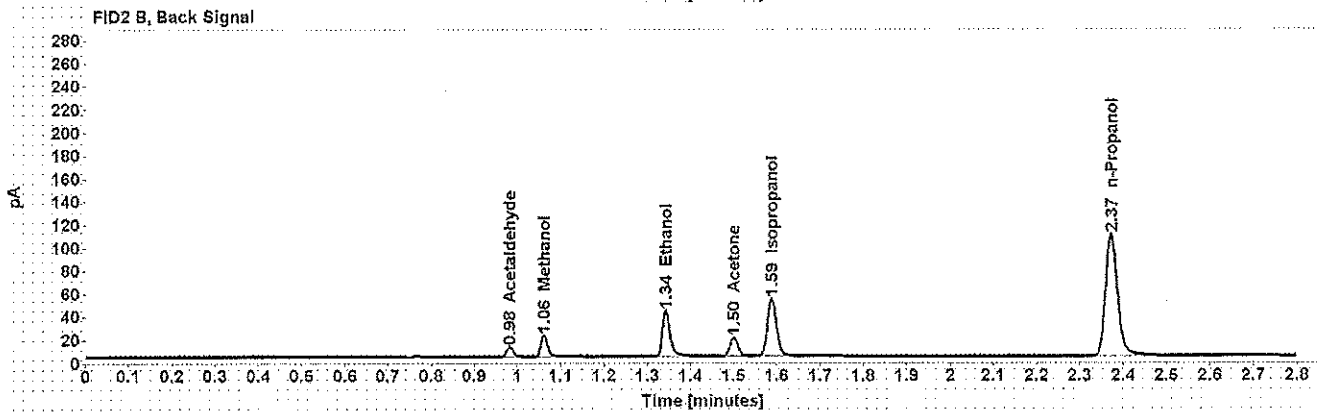
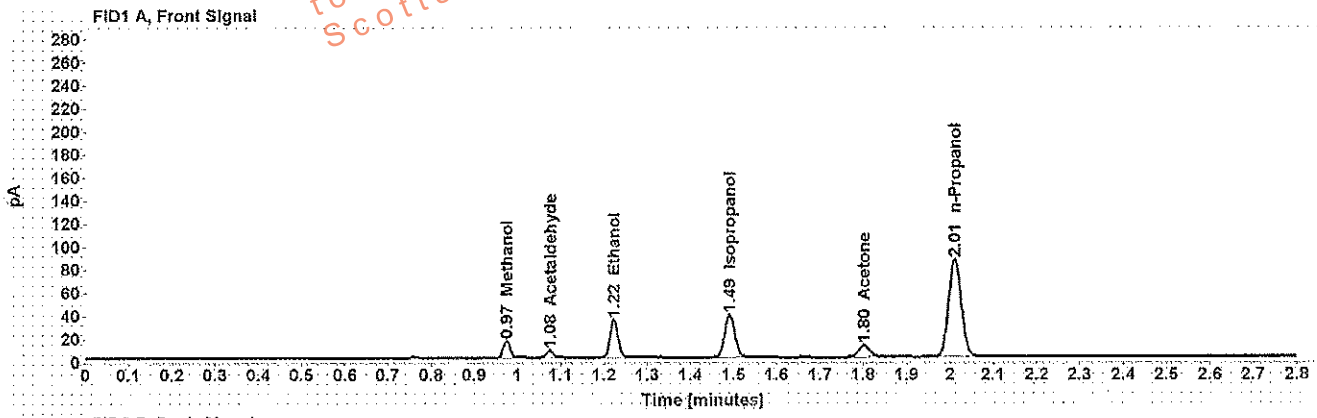


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.975	16.262
Acetaldehyde	-----	1.076	6.331
>Ethanol	0.0669	1.222	41.797
Isopropanol	-----	1.491	60.612
Acetone	-----	1.801	17.637
n-Propanol	-----	2.011	173.835

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	7.972
Methanol	1.062	19.497
Ethanol	1.343	48.945
Acetone	1.500	20.295
Isopropanol	1.588	72.627
n-Propanol	2.373	203.903

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 4/16/2018 3:39:24 PM	Vial: 7
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\7.D	

Dissemination is restricted to Criminal Justice Agencies ONLY. Scottsdale Police Department is PROHIBITED from disseminating this information to unauthorized agencies.

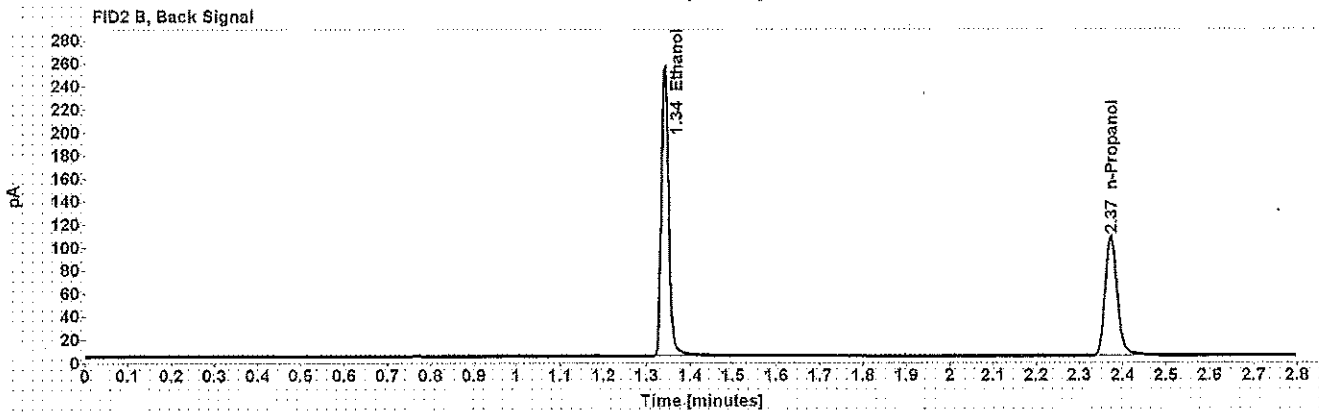
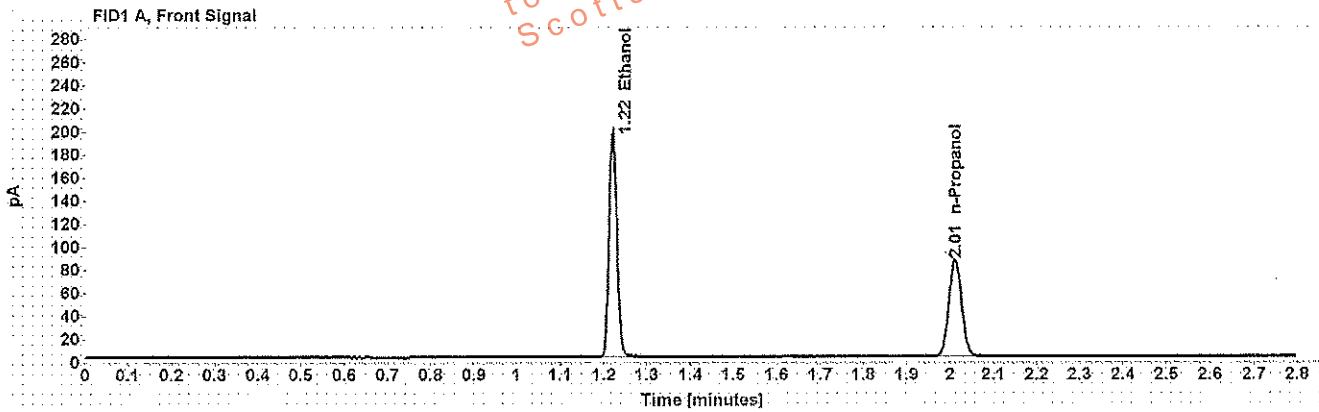


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4003	1.221	250.640
n-Propanol	-----	2.011	171.482

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

Compound	Time (min)	Peak Area
Ethanol	1.341	300.624
n-Propanol	2.373	201.017

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.040 Lipomed 09022015-A	Item number:
Injection date: 4/16/2018 3:43:23 PM	Vial: 8
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\8.D	

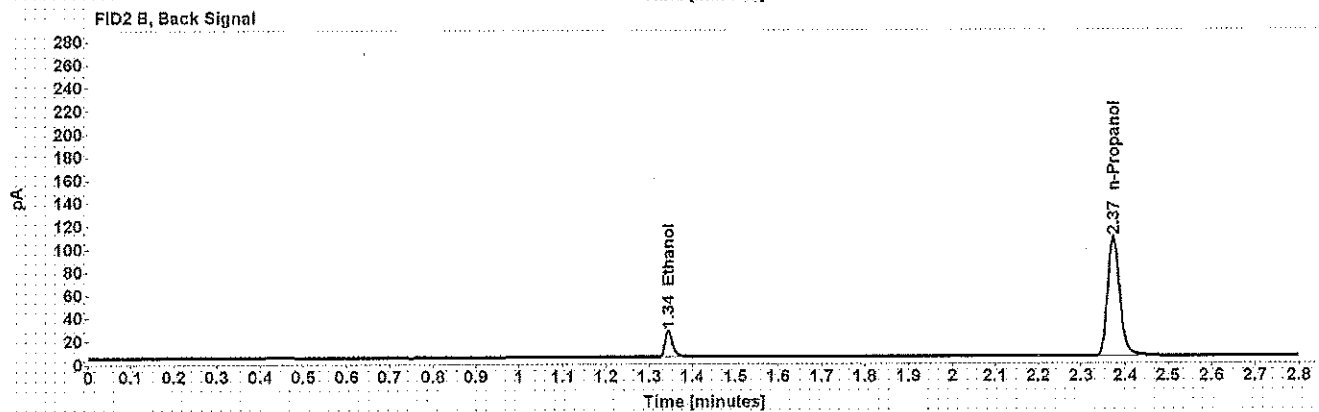
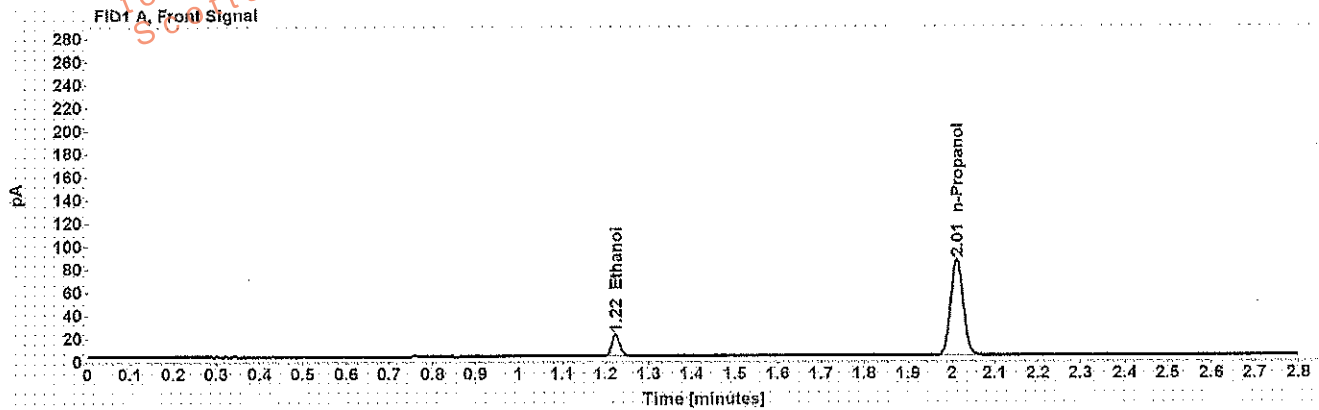


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.223	24.375
n-Propanol	-----	2.011	171.033

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

Compound	Time (min)	Peak Area
Ethanol	1.344	28.306
n-Propanol	2.373	199.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number: WMA
Injection date: 4/16/2018 3:47:24 PM	Vial: 9
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\9.D	

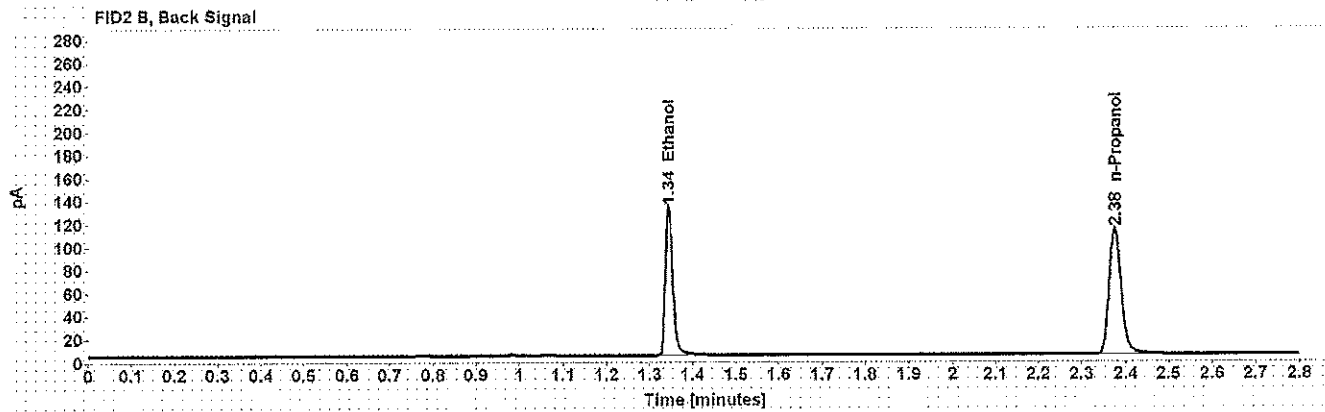
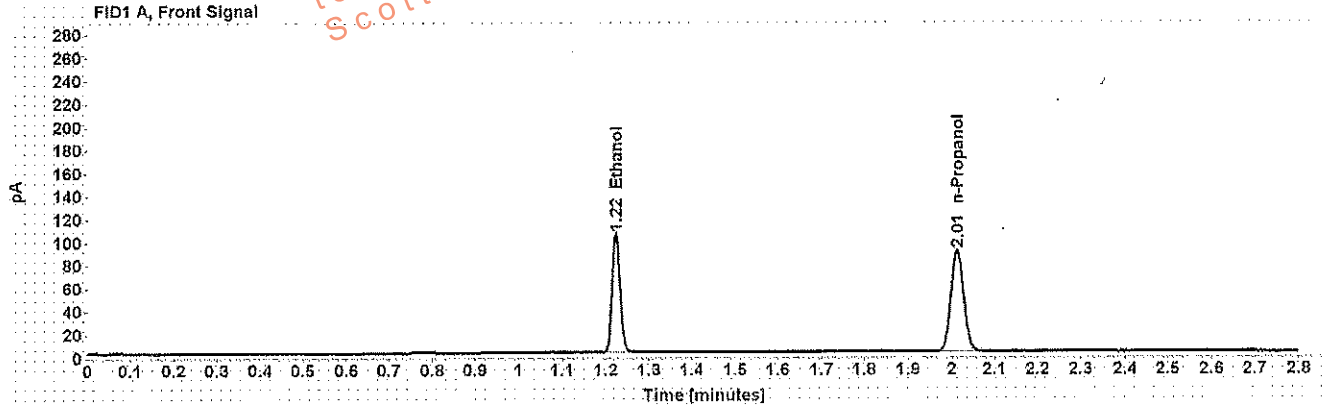


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.223	132.072
n-Propanol	-----	2.013	180.027

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

Compound	Time (min)	Peak Area
Ethanol	1.345	157.282
n-Propanol	2.376	211.043

Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies only. Secondary dissemination to unauthorized agencies is PROHIBITED.
Scottsdale City Prosecutor

Sample: 0.080 Lipomed 28082014-B	Item number: MM
Injection date: 4/16/2018 4:31:54 PM	Vial: 20
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\20.D	

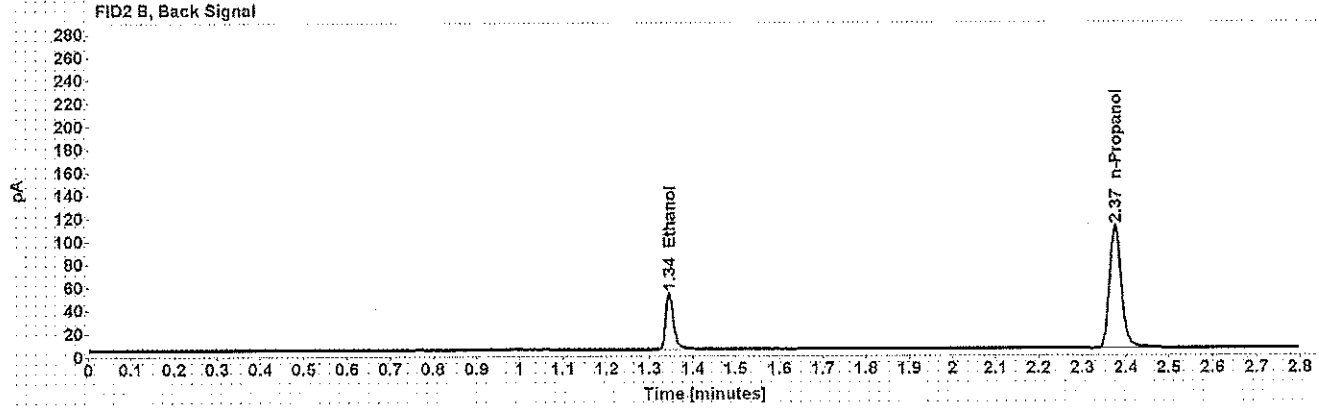
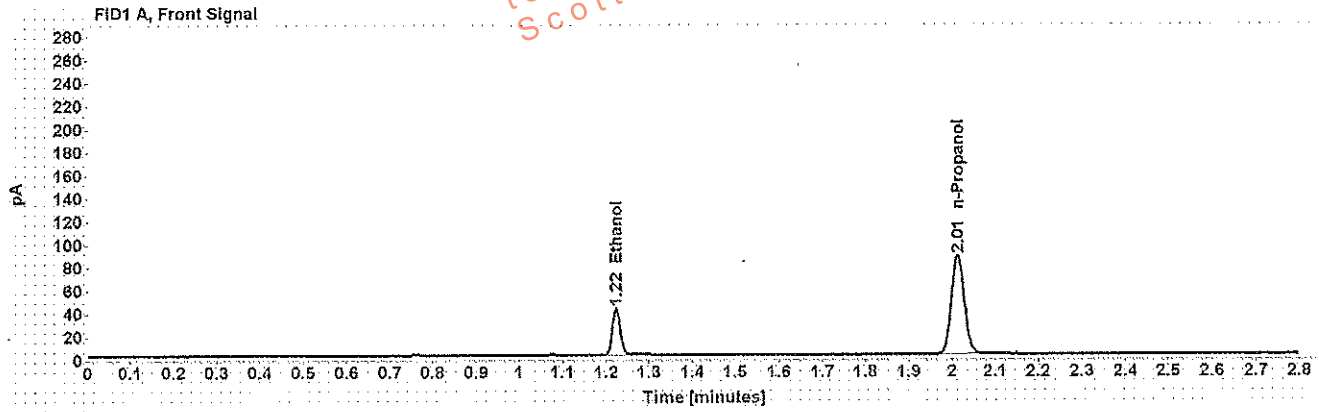


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.224	51.430
n-Propanol	-----	2.012	175.073

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

Compound	Time (min)	Peak Area
Ethanol	1.345	61.023
n-Propanol	2.375	205.355

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 4/16/2018 5:00:08 PM	Vial: 27
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\27.D	

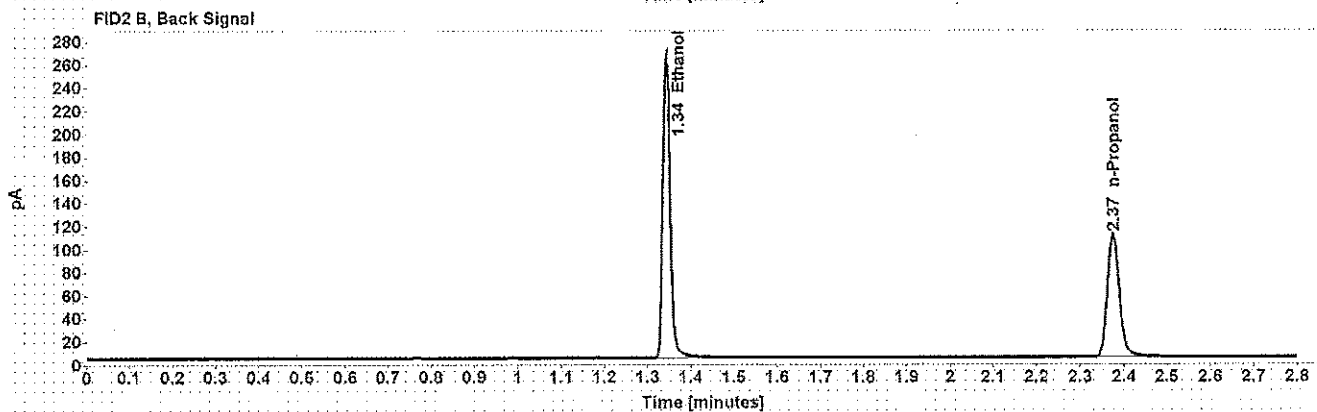
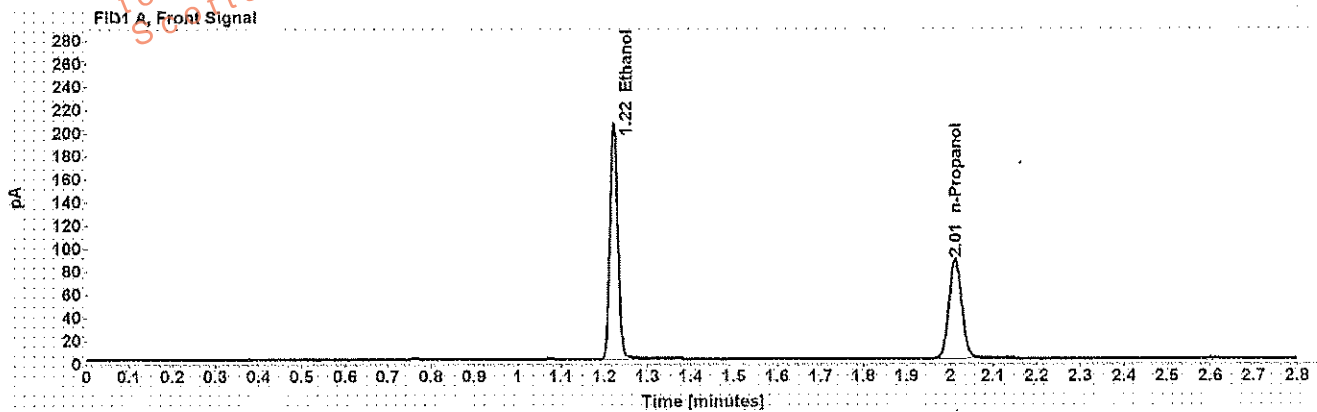


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4077	1.222	261.728
n-Propanol	-----	2.012	175.839

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

Compound	Time (min)	Peak Area
Ethanol	1.343	314.424
n-Propanol	2.374	207.002

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A	Item number: WA
Injection date: 4/16/2018 5:04:08 PM	Vial: 28
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\28.D	

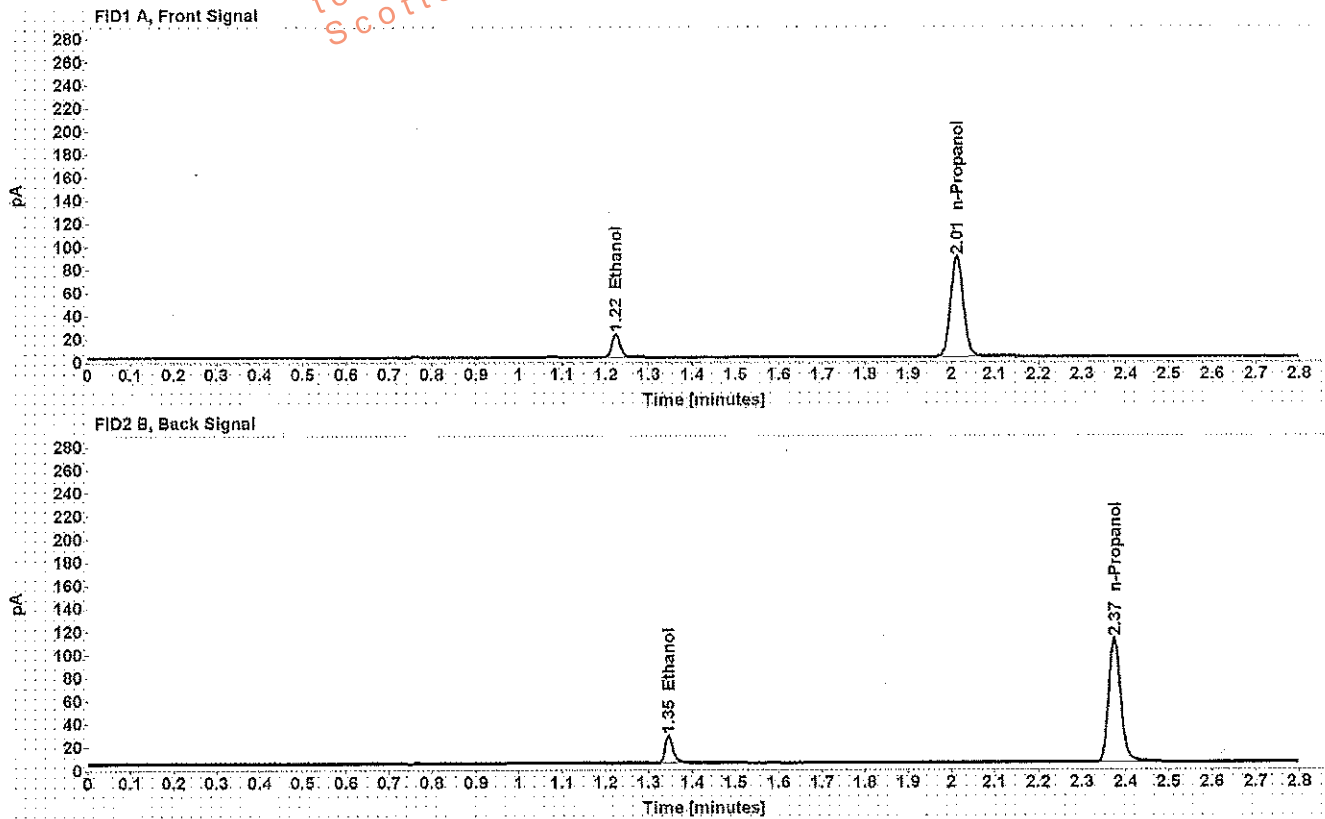


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.224	25.587
n-Propanol	-----	2.012	177.258

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

Compound	Time (min)	Peak Area
Ethanol	1.345	29.655
n-Propanol	2.374	208.068

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number: WA
Injection date: 4/16/2018 5:08:09 PM	Vial: 29
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\29.D	

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

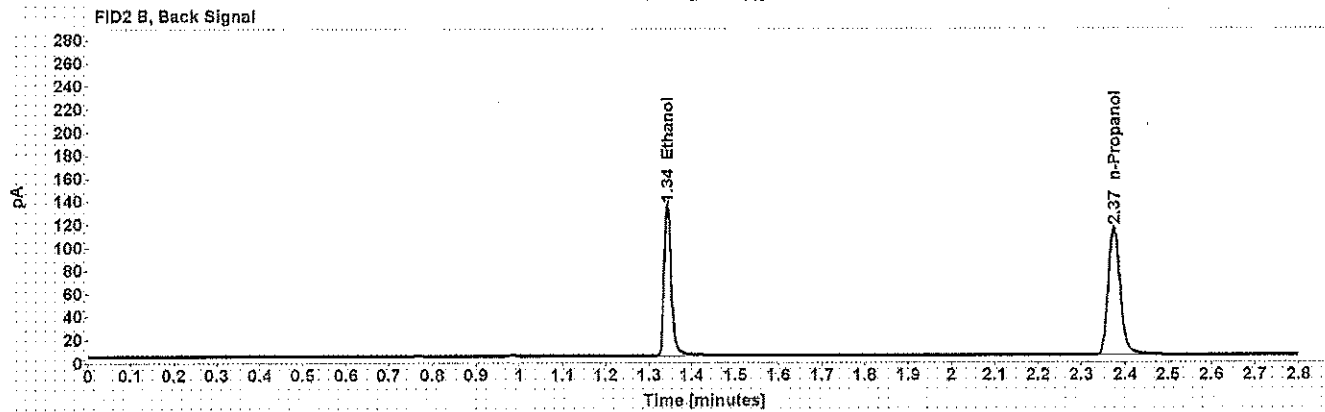
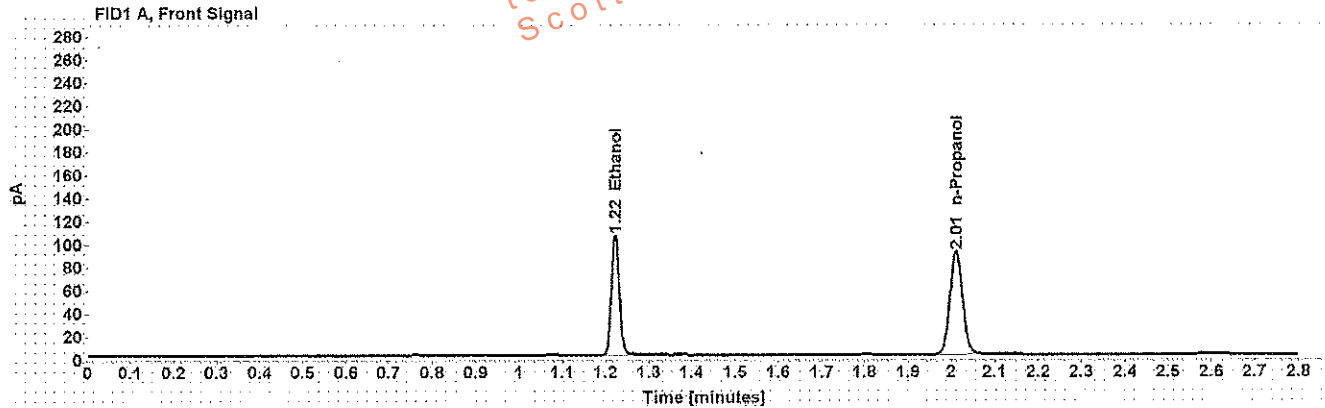


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.222	133.472
n-Propanol	----	2.012	182.184

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

Compound	Time (min)	Peak Area
Ethanol	1.343	159.233
n-Propanol	2.374	214.639

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 010318	Item number:
Injection date: 4/16/2018 5:12:09 PM	Vial: 30
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\30.D	

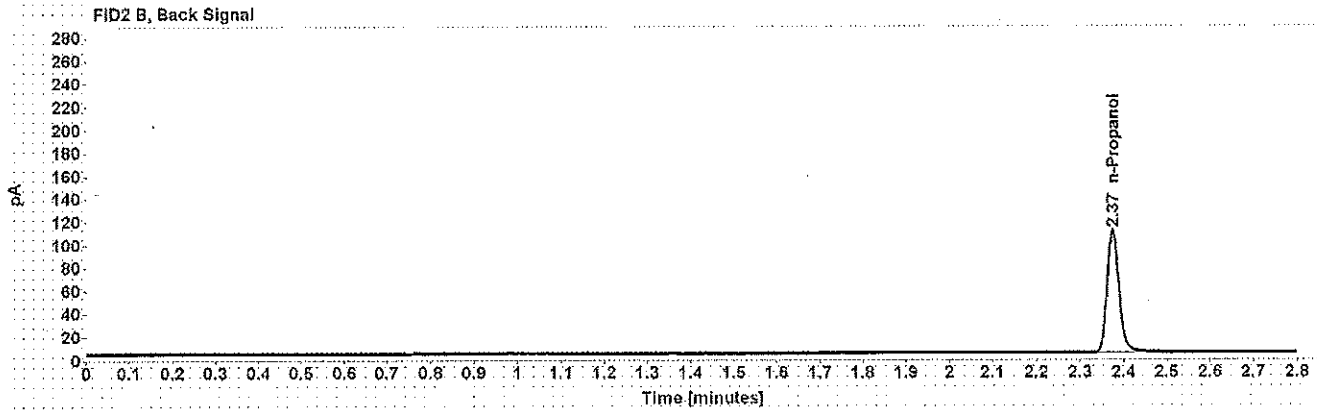
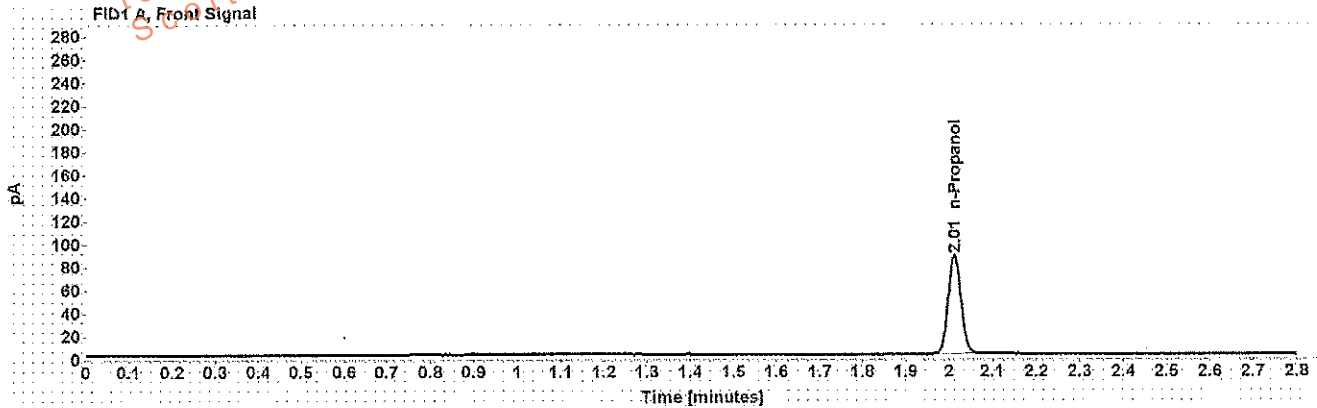


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	174.752

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	205.346

Sequence Summary

WA

Sequence name: 16Apr18 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241804	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	1207744	ethanol quant.M
11		Sample	1207744	ethanol quant.M
12		Sample	344-01A	ethanol quant.M
13		Sample	344-01A	ethanol quant.M
14		Sample	338-01A	ethanol quant.M
15		Sample	338-01A	ethanol quant.M
16		Sample	1205620	ethanol quant.M
17		Sample	1205620	ethanol quant.M
18		Sample	1205618	ethanol quant.M
19		Sample	1205618	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1209896	ethanol quant.M
22		Sample	1209896	ethanol quant.M
23		Sample	1209842	ethanol quant.M
24		Sample	1209842	ethanol quant.M
25		Sample		ethanol quant.M
26		Sample		ethanol quant.M
27	0.40 Lipomed 08012015-C	Control		ethanol quant.M
28	0.04 Lipomed 09022015-A	Control		ethanol quant.M
29	0.198 ACQ 407041529/3	Control		ethanol quant.M
30	blank 010318	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 16Apr18

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0828	0.0822	0.08250	0.36	0.00030
12 13	0.2135	0.2159	0.21470	0.56	0.00120
14 15	0.1072	0.1067	0.10695	0.23	0.00025
16 17	0.1983	0.2035	0.20090	1.29	0.00260
18 19	0.1890	0.1897	0.18935	0.18	0.00035
21 22	0.1246	0.1241	0.12435	0.20	0.00025
23 24	0.1500	0.1505	0.15025	0.17	0.00025

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1207744
Injection date:	4/16/2018 3:51:23 PM	Vial:	10
Method:	ethanol quant.M	Sequence:	16Apr18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\11\Data\16Apr18\10.D		

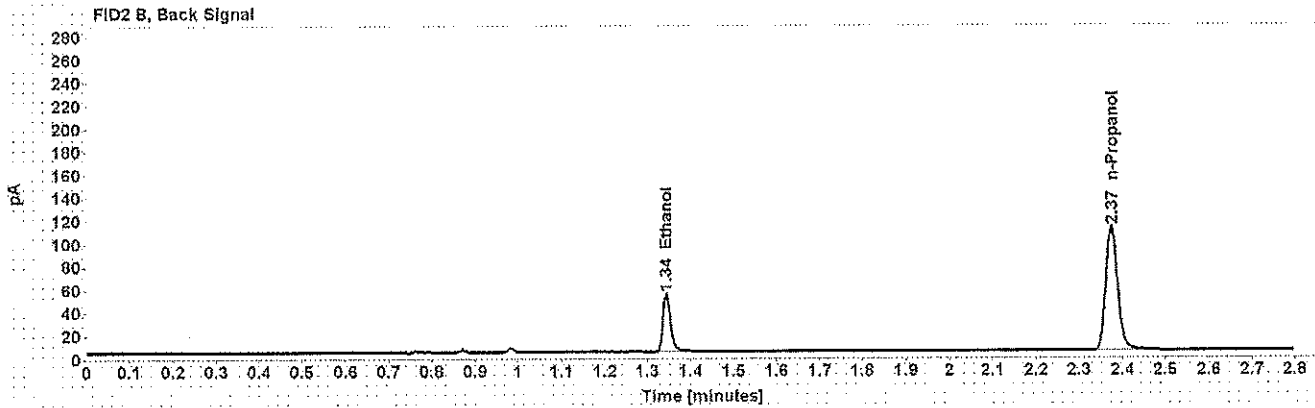
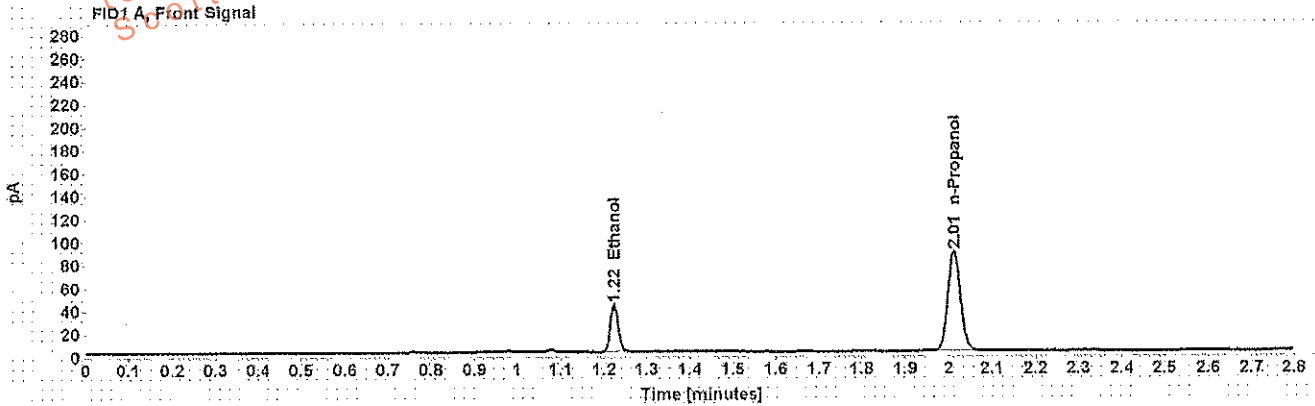


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0828	1.223	52.970
n-Propanol	-----	2.012	177.240

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

Compound	Time (min)	Peak Area
Ethanol	1.344	61.630
n-Propanol	2.374	208.045

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1207744
Injection date:	4/16/2018 3:55:24 PM	Vial:	11
Method:	ethanol quant.M	Sequence:	16Apr18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem3211\Data\16Apr18\11.D		

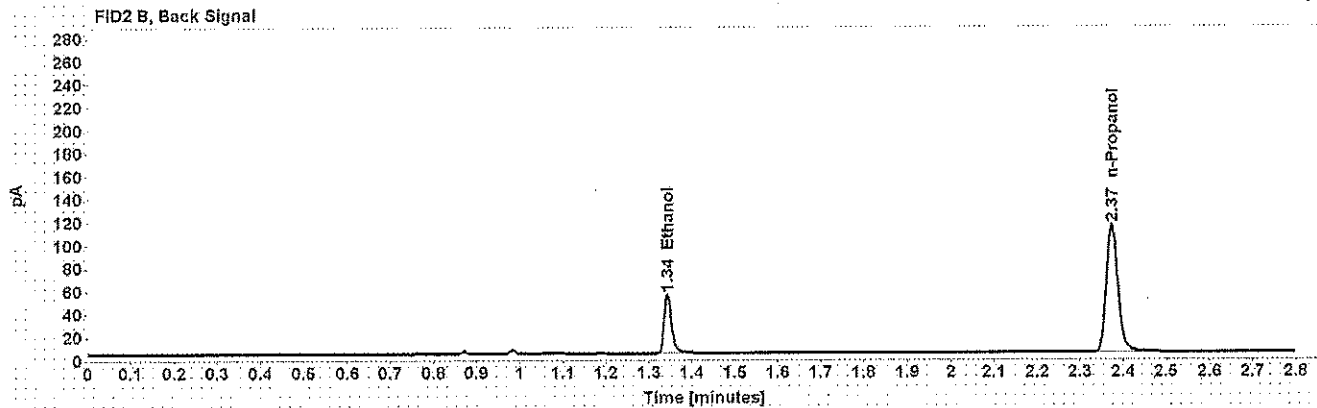
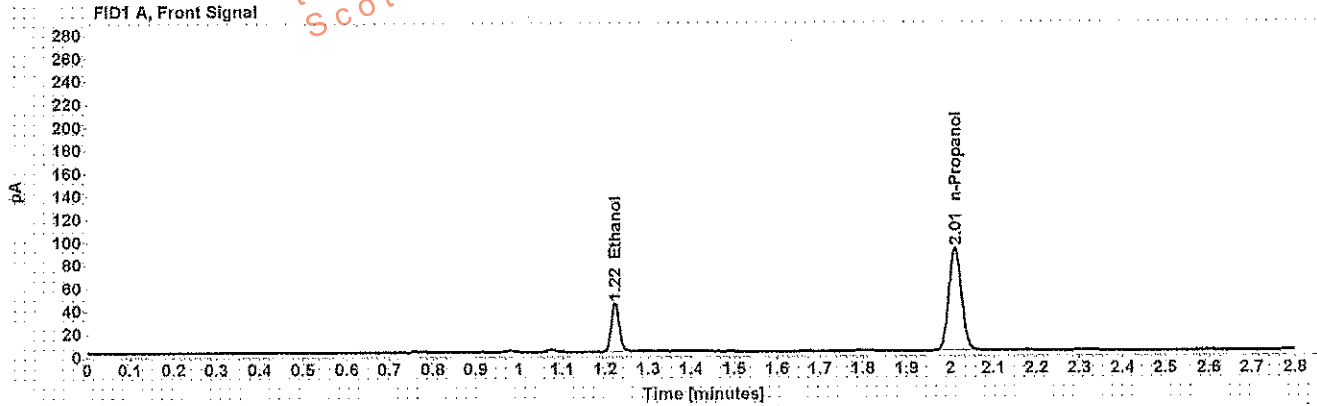


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0822	1.223	54,184
n-Propanol	-----	2.012	182,785

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

Compound	Time (min)	Peak Area
Ethanol	1.343	62,979
n-Propanol	2.374	214,812

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 344-01A
Injection date: 4/16/2018 3:59:24 PM	Vial: 12
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\12.D	

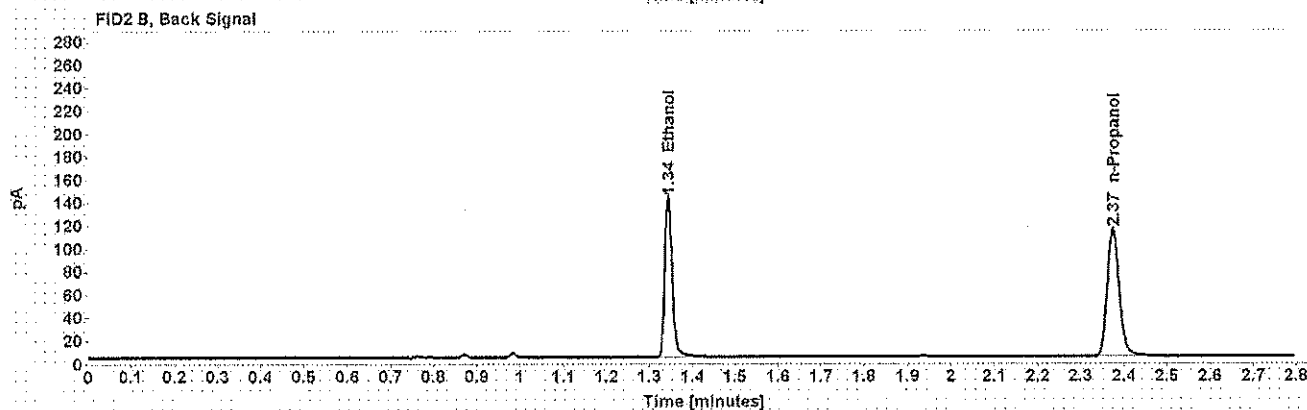
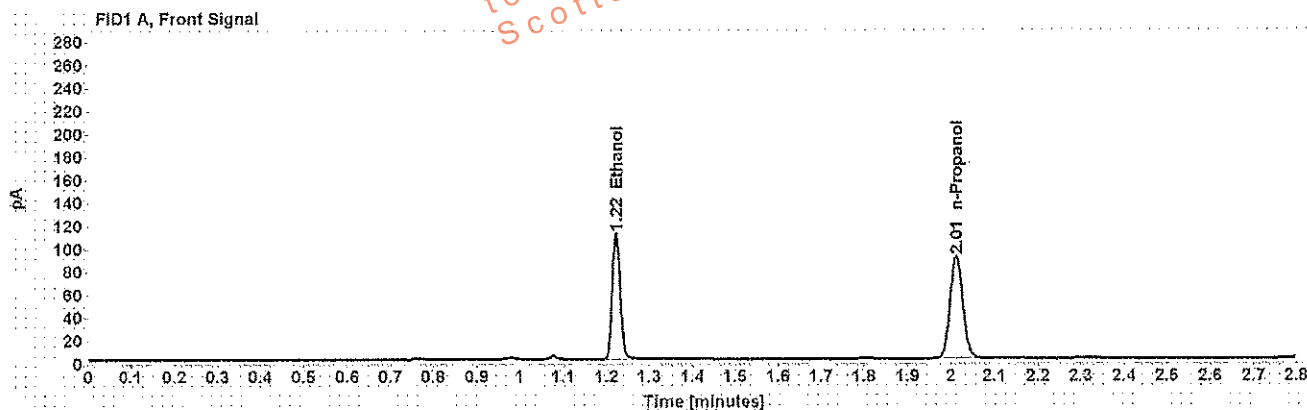


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2135	1.222	141.127
n-Propanol	-----	2.012	181.561

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

Compound	Time (min)	Peak Area
Ethanol	1.343	167.723
n-Propanol	2.374	213.835

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 344-01A
Injection date: 4/16/2018 4:03:38 PM	Vial: 13
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem321\Data\16Apr18\13.D	

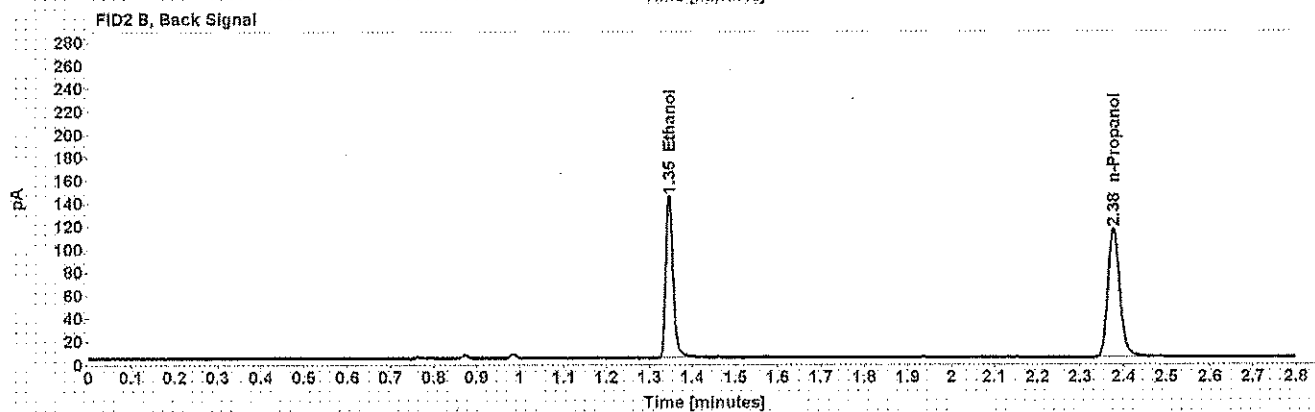
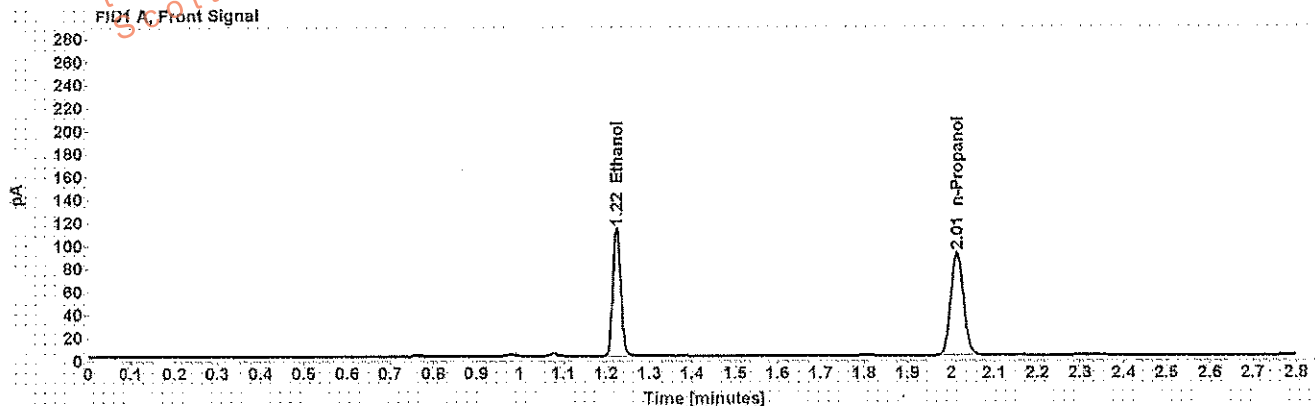


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2159	1.224	143.420
n-Propanol	-----	2.014	182.418

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

Compound	Time (min)	Peak Area
Ethanol	1.346	169.929
n-Propanol	2.377	215.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 338-01A
Injection date: 4/16/2018 4:07:39 PM	Vial: 14
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1>Data\16Apr18\14.D	

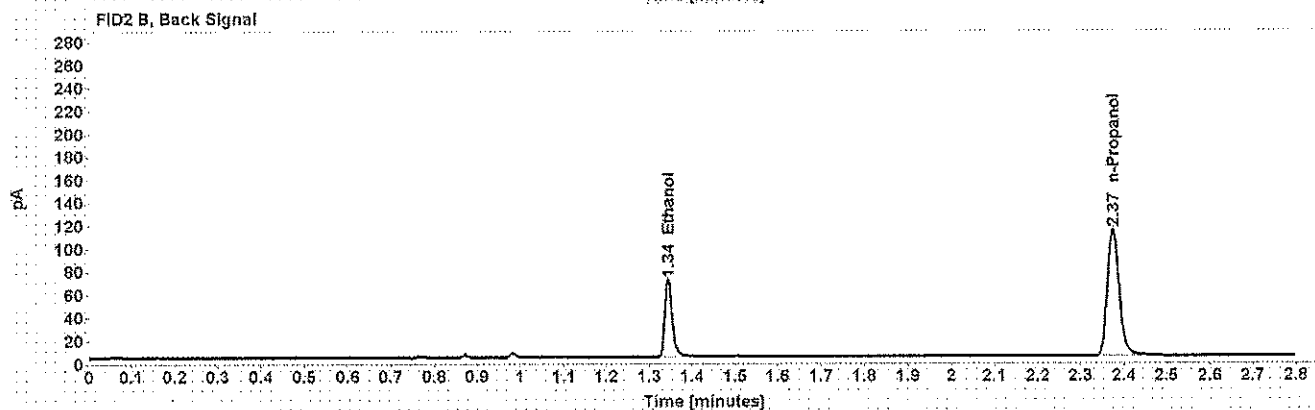
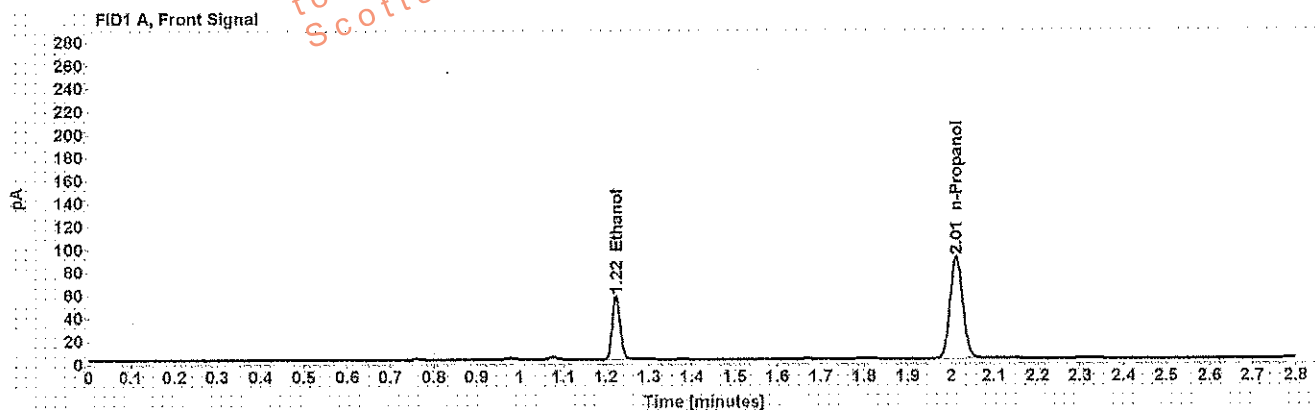


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1072	1.223	70.116
n-Propanol	-----	2.012	180.677

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

Compound	Time (min)	Peak Area
Ethanol	1.344	82.303
n-Propanol	2.375	212.439

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 338-01A
Injection date: 4/16/2018 4:11:38 PM	Vial: 15
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\15.D	

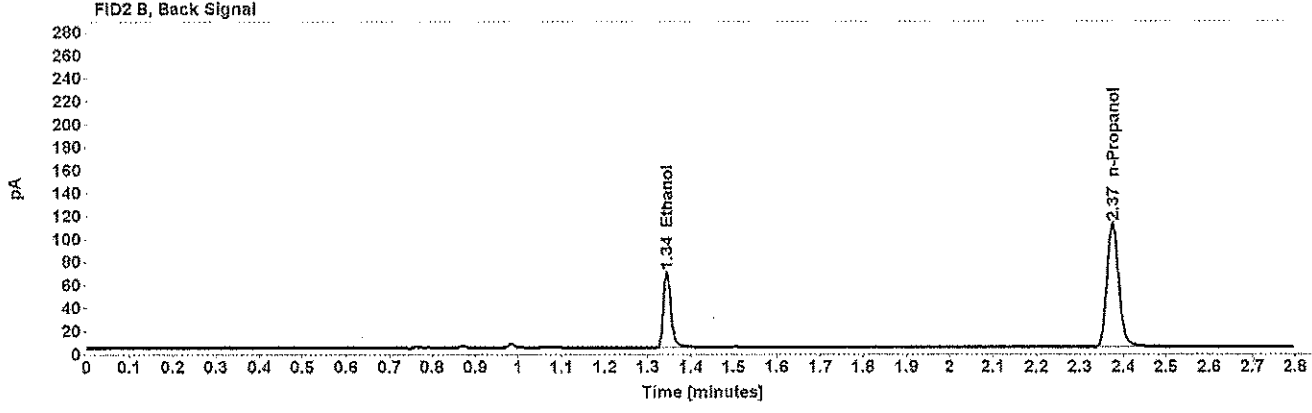
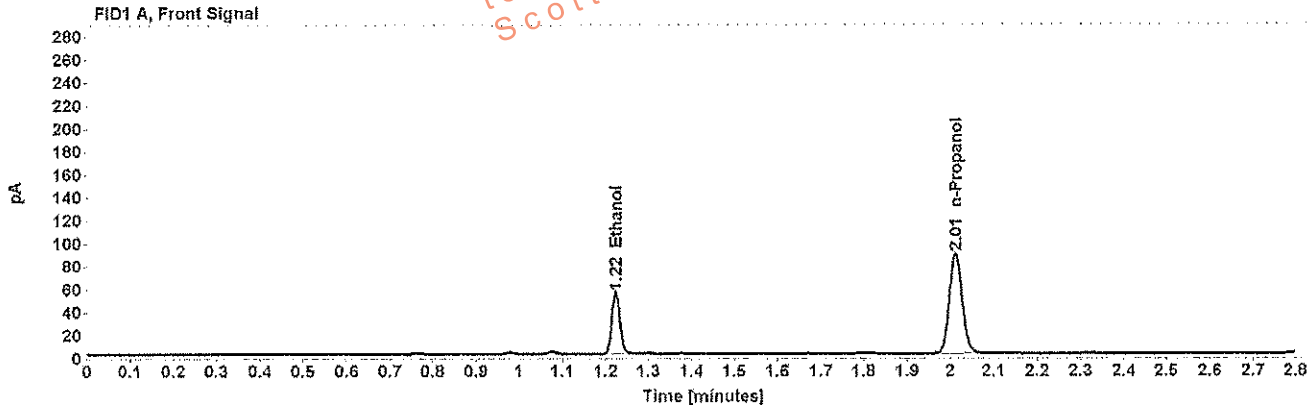


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1067	1.223	68.512
n-Propanol	-----	2.012	177.381

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

Compound	Time (min)	Peak Area
Ethanol	1.344	80.084
n-Propanol	2.375	208.582

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205620
Injection date: 4/16/2018 4:15:38 PM	Vial: 16
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\16.D	

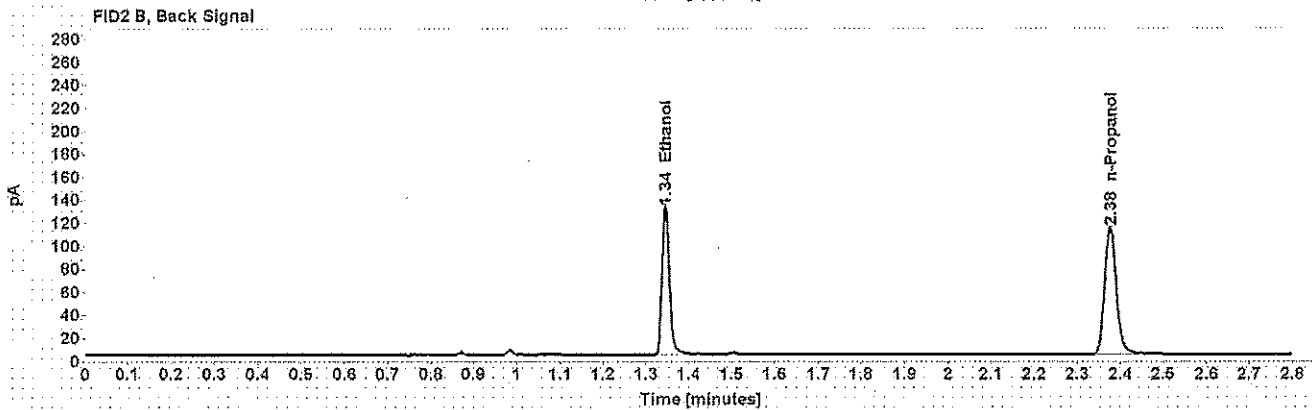
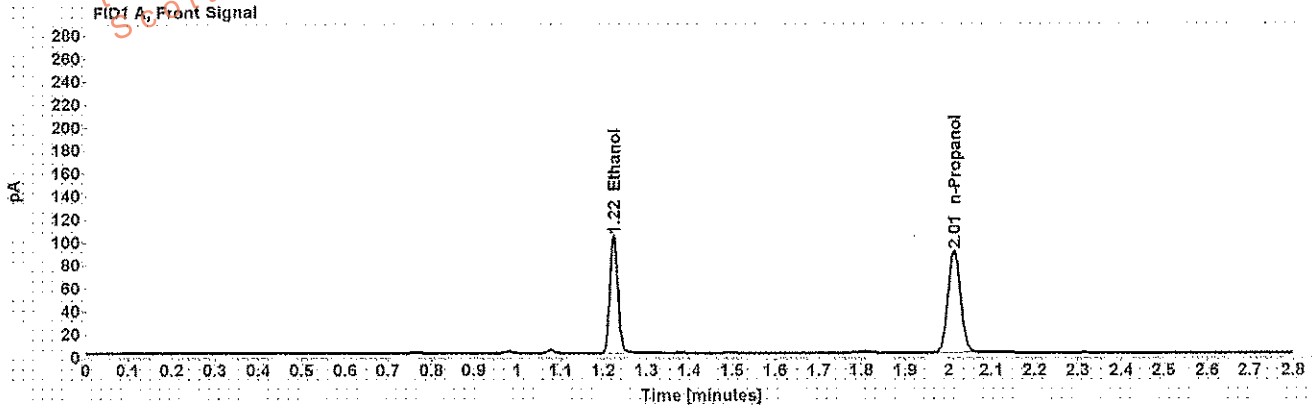


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.224	130.760
n-Propanol	----	2.013	181.180

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

Compound	Time (min)	Peak Area
Ethanol	1.345	155.607
n-Propanol	2.376	213.610

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Item number:	1205620
Injection date:	4/16/2018 4:19:39 PM	Vial:	17
Method:	ethanol quant.M	Sequence:	16Apr18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\16Apr18\17.D		

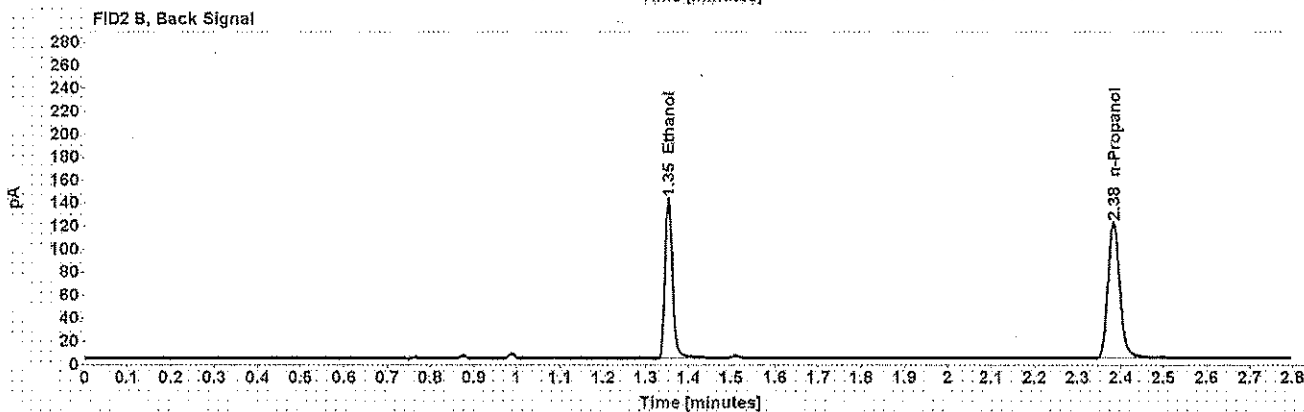
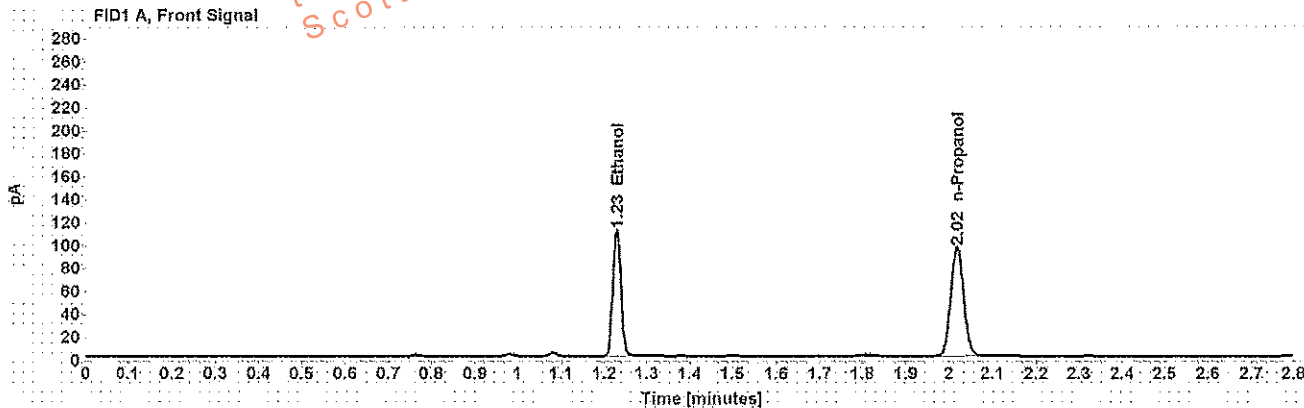


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2035	1.229	143.505
n-Propanol	-----	2.018	193.741

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

Compound	Time (min)	Peak Area
Ethanol	1.353	170.715
n-Propanol	2.383	228.487

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205618
Injection date: 4/16/2018 4:23:39 PM	Vial: 18
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\16Apr18\18.D	

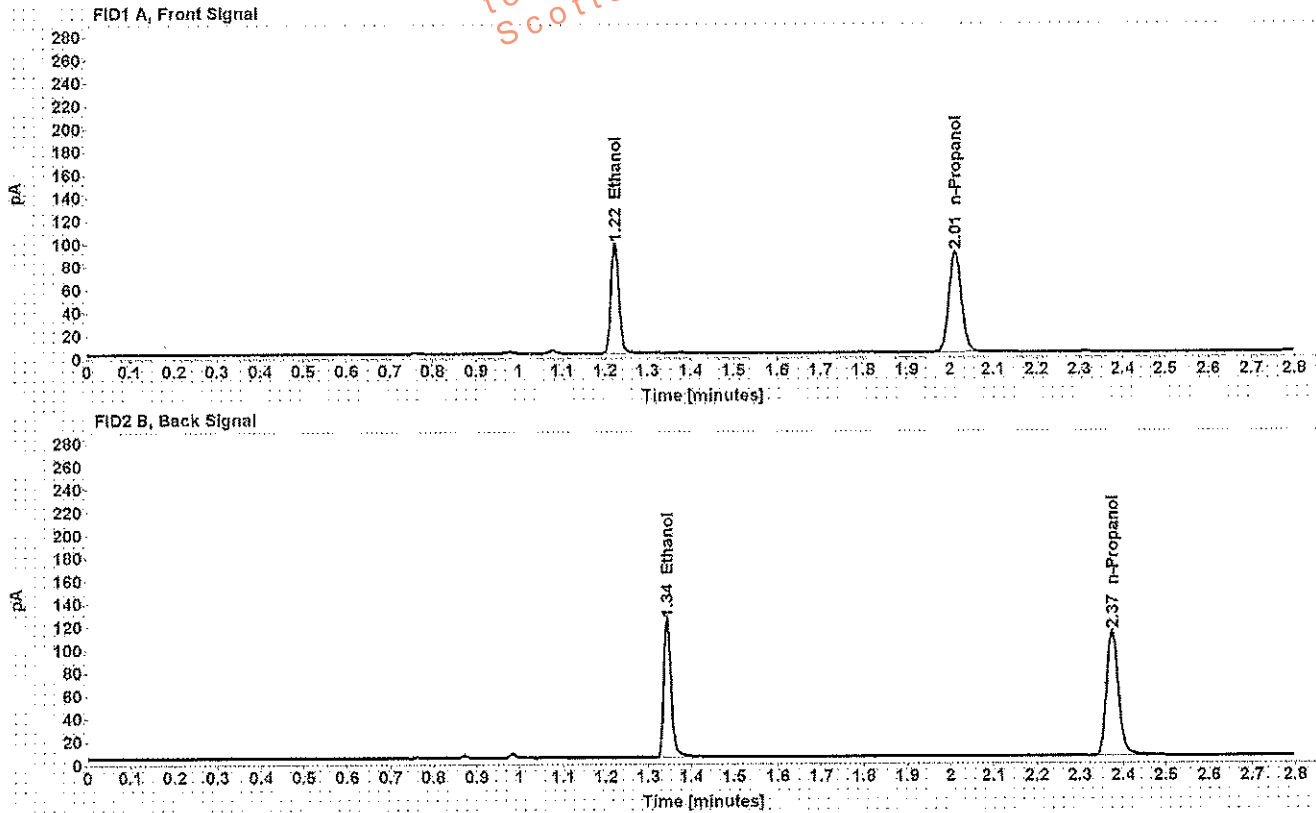


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1890	1.223	122.782
n-Propanol	-----	2.012	178.574

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

Compound	Time (min)	Peak Area
Ethanol	1.343	145.802
n-Propanol	2.374	210.319

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205618
Injection date: 4/16/2018 4:27:54 PM	Vial: 19
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\16Apr18\19.D	

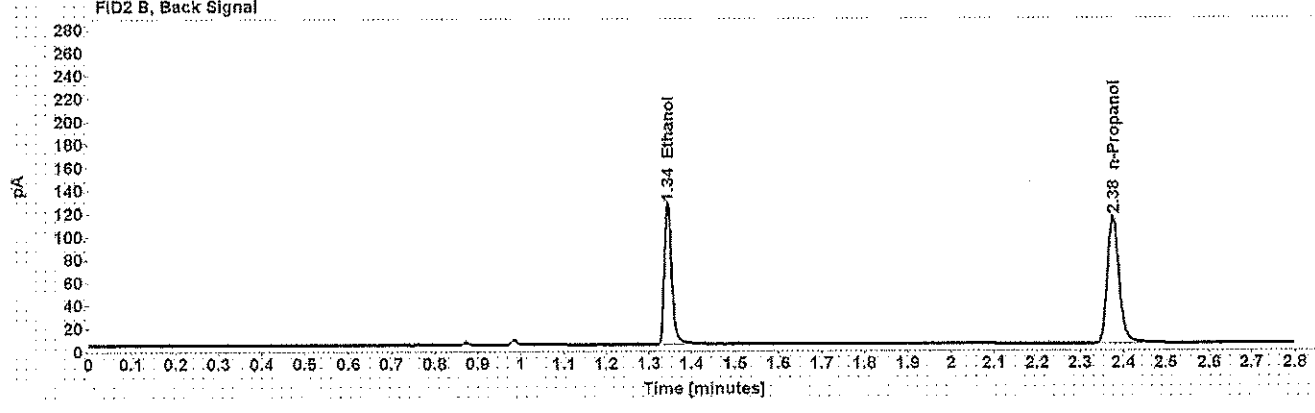
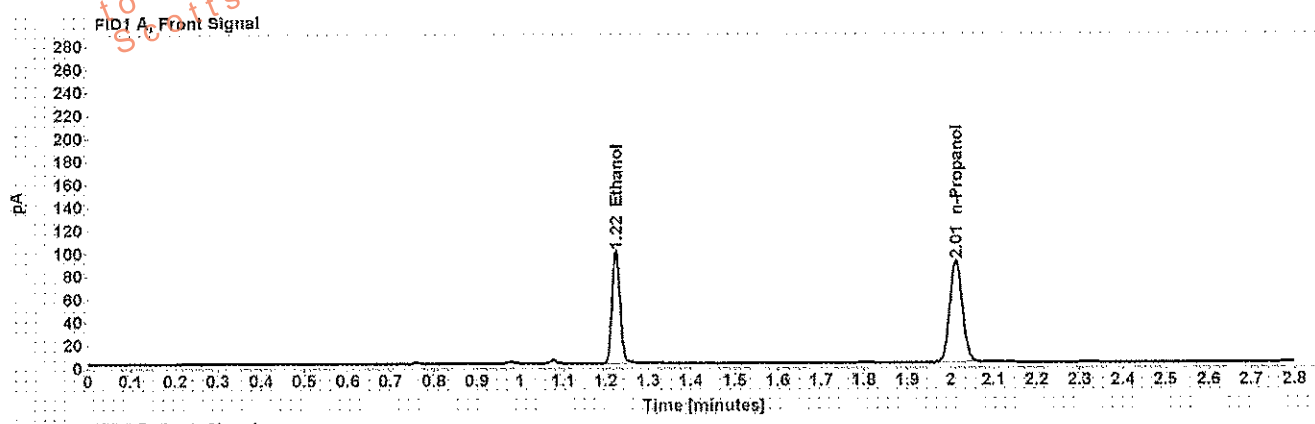


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1897	1.223	125.258
n-Propanol	-----	2.013	181.482

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

Compound	Time (min)	Peak Area
Ethanol	1.345	148.869
n-Propanol	2.376	214.089

Scottsdale Police Department Crime Lab Volatiles Analysis

Dissemination is restricted to Criminal Justice Agencies and authorized personnel only. Secondary dissemination to unauthorized agencies is PROHIBITED.
 Scottsdale City Prosecutor

Sample: [REDACTED]	Item number: 1209896
Injection date: 4/16/2018 4:35:53 PM	Vial: 21
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\21.D	

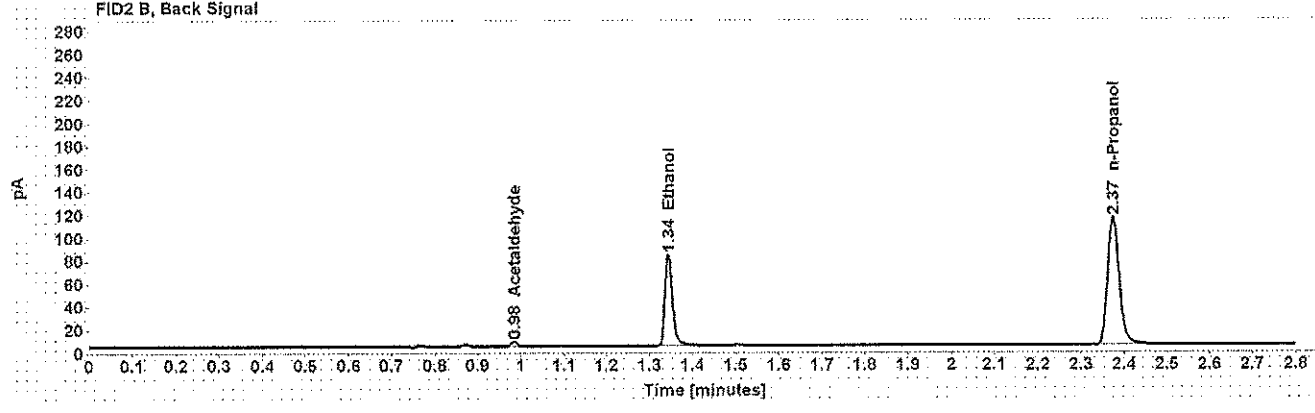
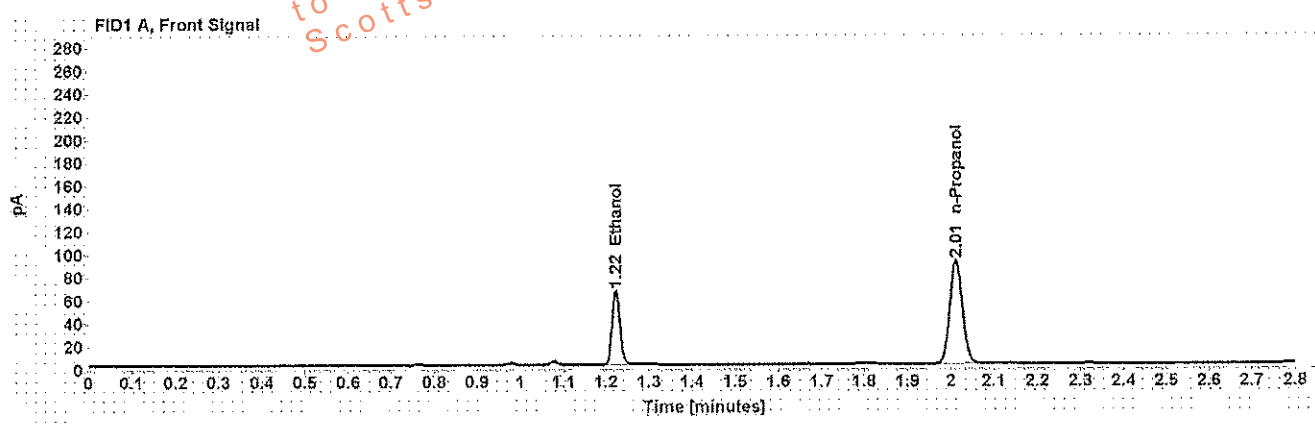


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1246	1.223	82.532
n-Propanol	-----	2.012	182.727

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.863
Ethanol	1.344	96.972
n-Propanol	2.375	215.620

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1209896
Injection date: 4/16/2018 4:39:53 PM	Vial: 22
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\22.D	

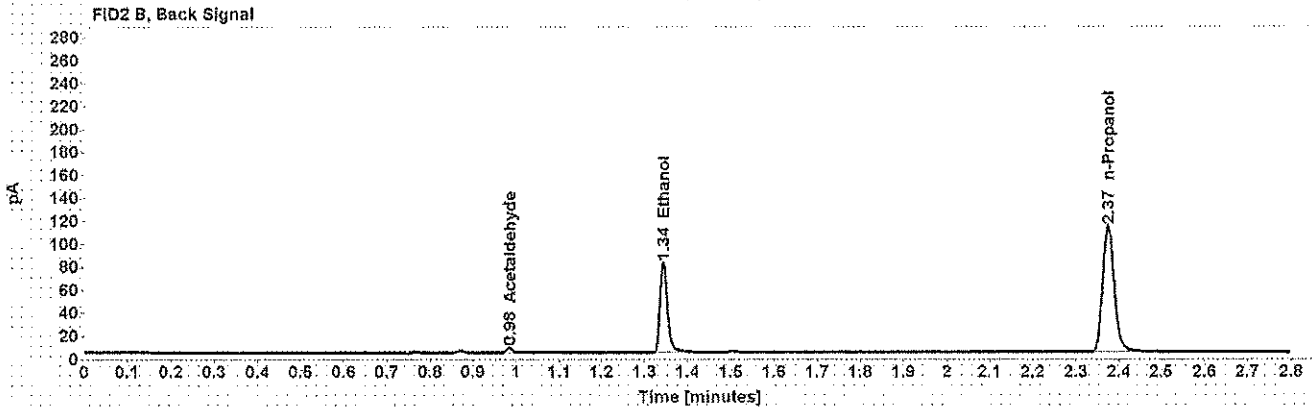
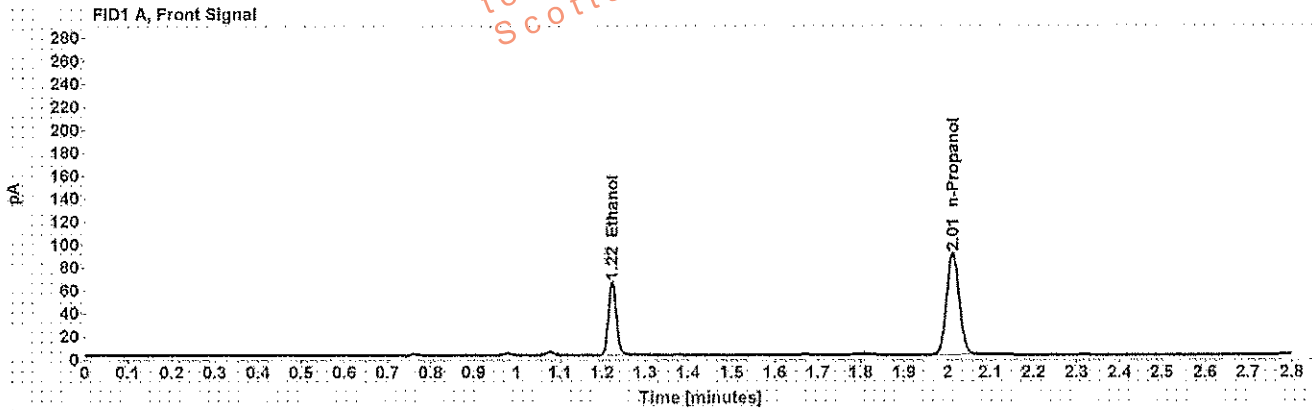


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1241	1.223	81.049
n-Propanol	-----	2.012	180.032

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.762
Ethanol	1.344	94.988
n-Propanol	2.375	211.991

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1209842
Injection date: 4/16/2018 4:43:54 PM	Vial: 23
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\23.D	

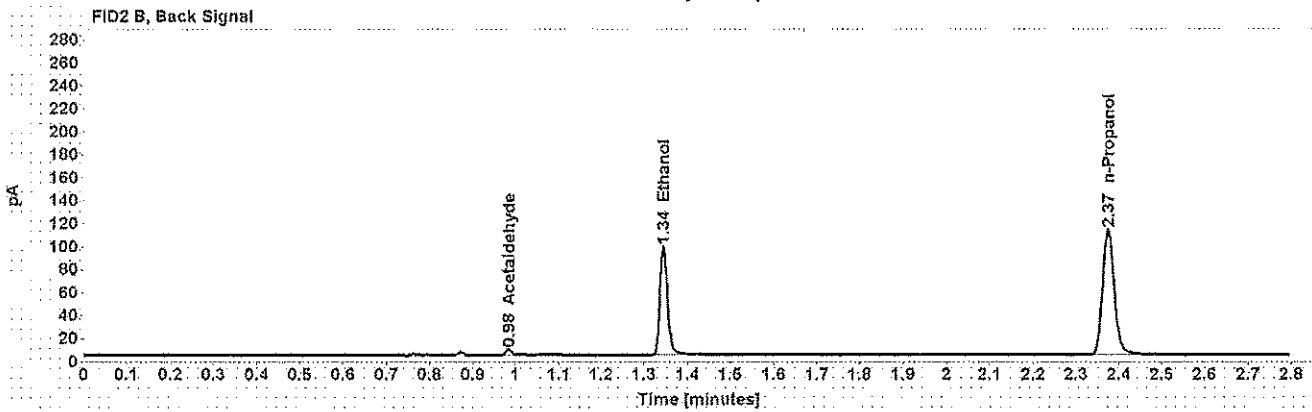
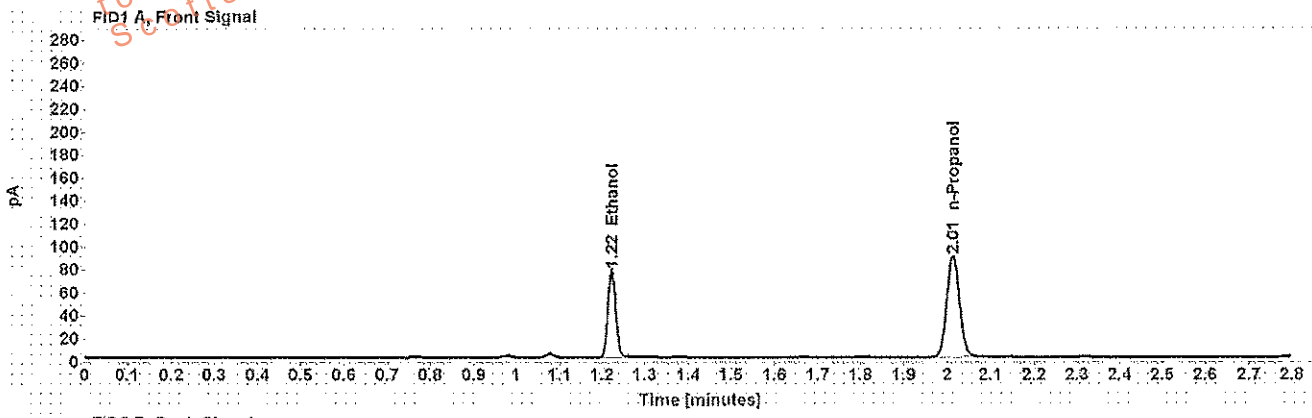


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1500	1.223	97.439
n-Propanol	-----	2.012	178.891

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.367
Ethanol	1.344	115.556
n-Propanol	2.375	210.666

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1209842
Injection date: 4/16/2018 4:47:54 PM	Vial: 24
Method: ethanol quant.M	Sequence: 16Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\16Apr18\24.D	

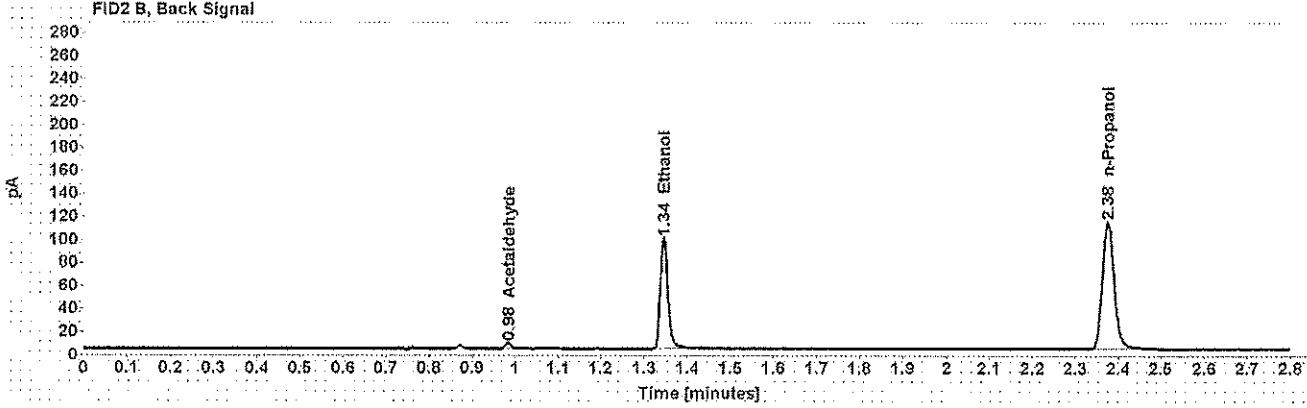
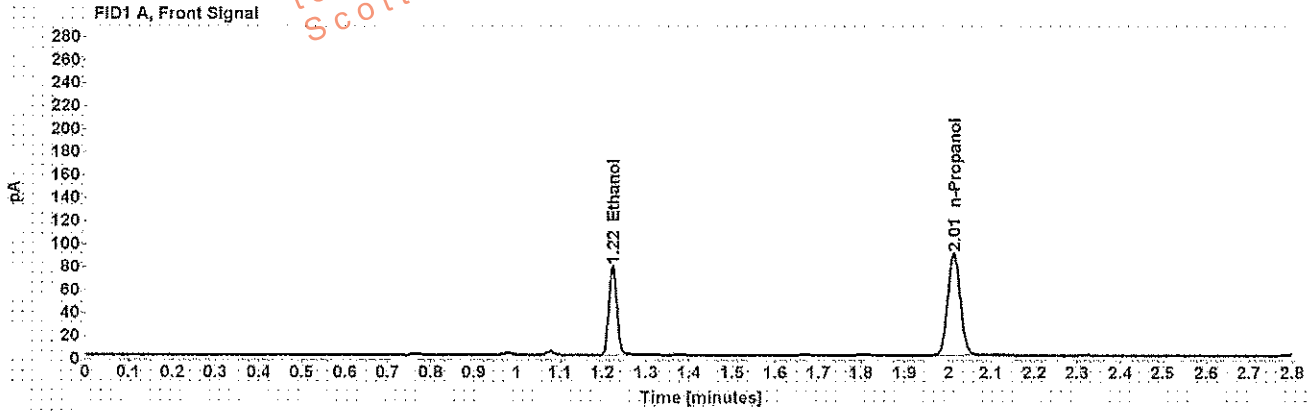


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1505	1.223	98.928
n-Propanol	-----	2.013	180.908

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.275
Ethanol	1.345	115.984
n-Propanol	2.375	213.370