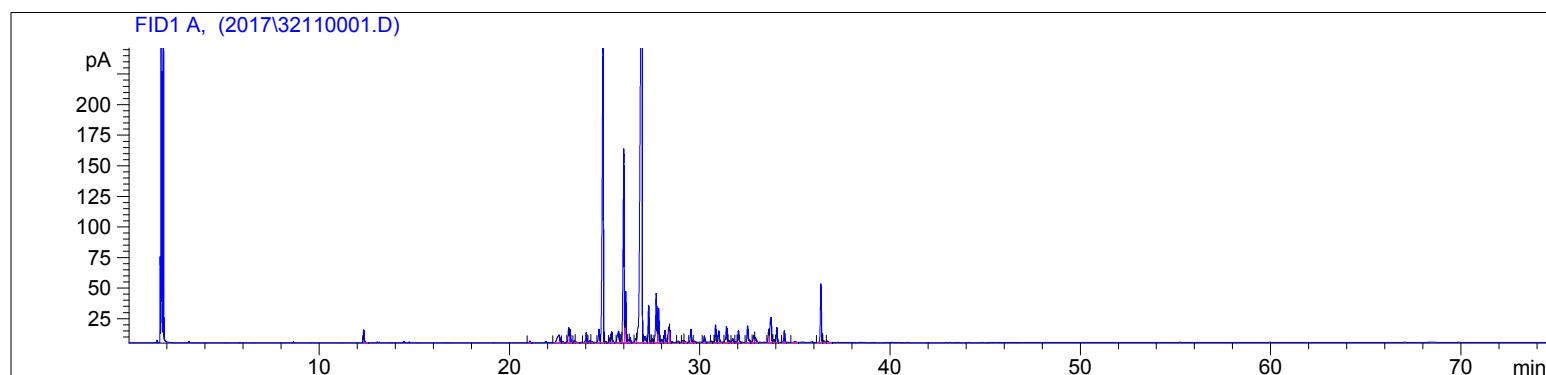


Cedar, Atlas (Organic)
3211-JJBDT
Morocco
cedrus atlantica
Sample/CH4: 0.06g/0.55g
Injection: 0.2uL
15:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

11/30/2017 11:20:33 AM
11/30/2017 11:20:33 AM

12/7/2017
3:59:47 PM



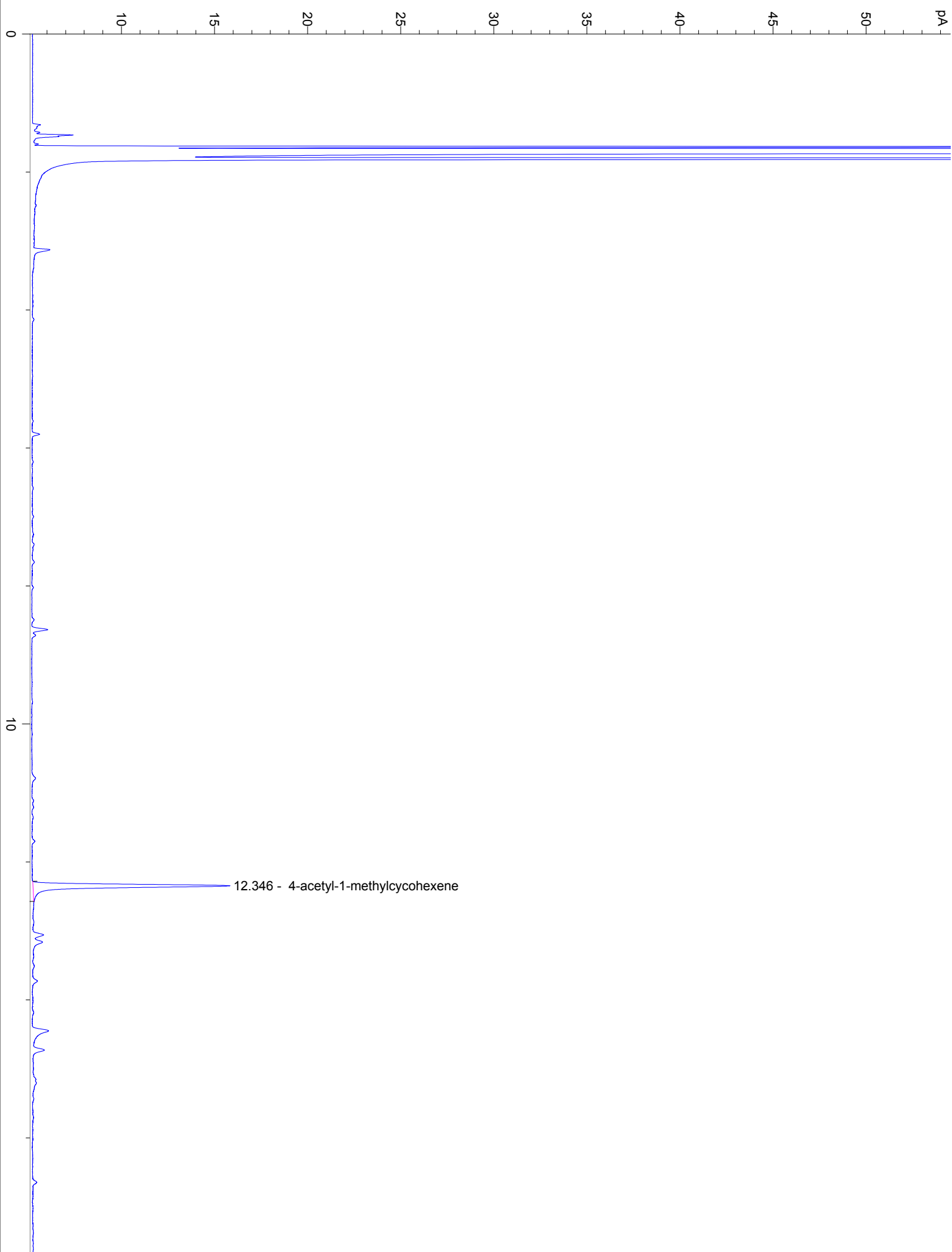
#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	4-acetyl-1-methylcyclohexene	12.35	100.00	36.11	10.58	36.11	0.53
2	alpha terpineol	0.00	0.00	0.00	0.00	0.00	0.00
3	alpha longipinene	21.07	100.00	5.52	1.48	5.52	0.08
4	beta cubebene	22.61	100.00	61.17	6.29	61.17	0.90
5		22.79	100.00	4.38	1.18	4.38	0.06
6	beta longipinene	23.12	100.00	45.81	12.32	45.81	0.68
7	longifolene	23.19	100.00	38.32	10.86	38.32	0.57
8	alpha cedrene	23.40	100.00	6.40	1.68	6.40	0.09
9		23.46	100.00	6.40	1.12	6.40	0.09
10	beta cedrene	24.04	100.00	34.53	8.10	34.53	0.51
11		24.22	100.00	9.05	1.81	9.05	0.13
12		24.30	100.00	5.68	1.17	5.68	0.08
13	cis-beta farnesene	24.71	100.00	47.81	10.75	47.81	0.71
14	alpha himachalene	24.92	100.00	1078.15	246.40	1078.15	15.93
15		25.05	100.00	4.64	1.13	4.64	0.07
16		25.28	100.00	14.24	3.95	14.24	0.21
17		25.38	100.00	35.97	8.86	35.97	0.53
18		25.73	100.00	61.37	9.48	61.37	0.91
19		25.88	100.00	9.99	3.00	9.99	0.15
20	gamma himachalene	26.01	100.00	636.15	158.30	636.15	9.40
21	himachala-1,4-diene	26.11	100.00	145.61	41.78	145.61	2.15
22		26.26	100.00	10.10	2.22	10.10	0.15
23		26.35	100.00	17.02	4.41	17.02	0.25
24		26.65	100.00	17.02	3.59	17.02	0.25
25	beta himachalene	26.97	100.00	2963.59	487.97	2963.59	43.80
26	alpha-dehydro-ar-himachalene	27.14	100.00	29.74	5.14	29.74	0.44
27	8,9-dehydro-neoisolongifole	27.32	100.00	107.62	30.20	107.62	1.59
28		27.43	100.00	4.52	1.24	4.52	0.07
29		27.53	100.00	11.37	3.02	11.37	0.17
30	gamma cadinene	27.72	100.00	183.25	40.09	183.25	2.71
31	cis-gamma bisabolene	27.84	100.00	102.41	28.22	102.41	1.51
32		28.00	100.00	13.57	2.75	13.57	0.20
33	delta cadinene	28.18	100.00	37.92	9.98	37.92	0.56
34	trans-calamenene	28.37	100.00	47.23	12.64	47.23	0.70
35	cadina-1,4-diene	28.43	100.00	30.73	10.30	30.73	0.45
36		28.87	100.00	6.78	1.22	6.78	0.10

3211-JJBDT

Instrument 6890

C:\HPCHEM\2\DATA\2017\
32110001.DCedar, Atlas (Organic)
3211-JJBDT
Morocco
cedrus atlantica
Sample/CH4: 0.06g/0.55g
Injection: 0.2uL
15:1 Split RatioHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um11/30/2017 11:20:33 AM
11/30/2017 11:20:33 AM12/7/2017
3:59:47 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37	alpha cadinene	29.11	100.00	9.46	1.83	9.46	0.14
38	8,14-cedranoxide	29.19	100.00	8.37	1.68	8.37	0.12
39	alpha calacorene	29.54	100.00	43.25	10.68	43.25	0.64
40		29.72	100.00	7.09	1.34	7.09	0.10
41	beta calacorene	30.25	100.00	23.11	5.28	23.11	0.34
42		30.62	100.00	5.47	1.12	5.47	0.08
43	longiborneol	30.84	100.00	53.77	14.36	53.77	0.79
44	cedrol	31.01	100.00	41.55	9.52	41.55	0.61
45	epi-cedrol	31.41	100.00	60.23	13.30	60.23	0.89
46		31.54	100.00	8.67	1.52	8.67	0.13
47	5-cedranone	31.74	100.00	15.87	3.04	15.87	0.23
48		31.91	100.00	4.43	1.04	4.43	0.07
49	gamma eudesmol	32.04	100.00	41.75	9.90	41.75	0.62
50	himalchalol	32.52	100.00	65.03	13.39	65.03	0.96
51	beta eudesmol	32.85	100.00	27.10	5.73	27.10	0.40
52	alpha eudesmol	32.92	100.00	20.82	4.23	20.82	0.31
53	8-cedren-13-ol	33.63	100.00	39.70	10.77	39.70	0.59
54	cis-gamma atlantone	33.75	100.00	121.34	20.48	121.34	1.79
55		33.91	100.00	11.66	2.51	11.66	0.17
56	trans-gamme atlantone	34.06	100.00	44.86	12.14	44.86	0.66
57	cis-alpha atlantone	34.45	100.00	37.60	9.52	37.60	0.56
58		35.03	100.00	9.75	1.02	9.75	0.14
59	trans-alpha atlantone	36.38	100.00	179.65	47.97	179.65	2.65
60		36.52	100.00	8.87	1.35	8.87	0.13
61		36.71	100.00	7.18	1.22	7.18	0.11





40

50

60

70

min