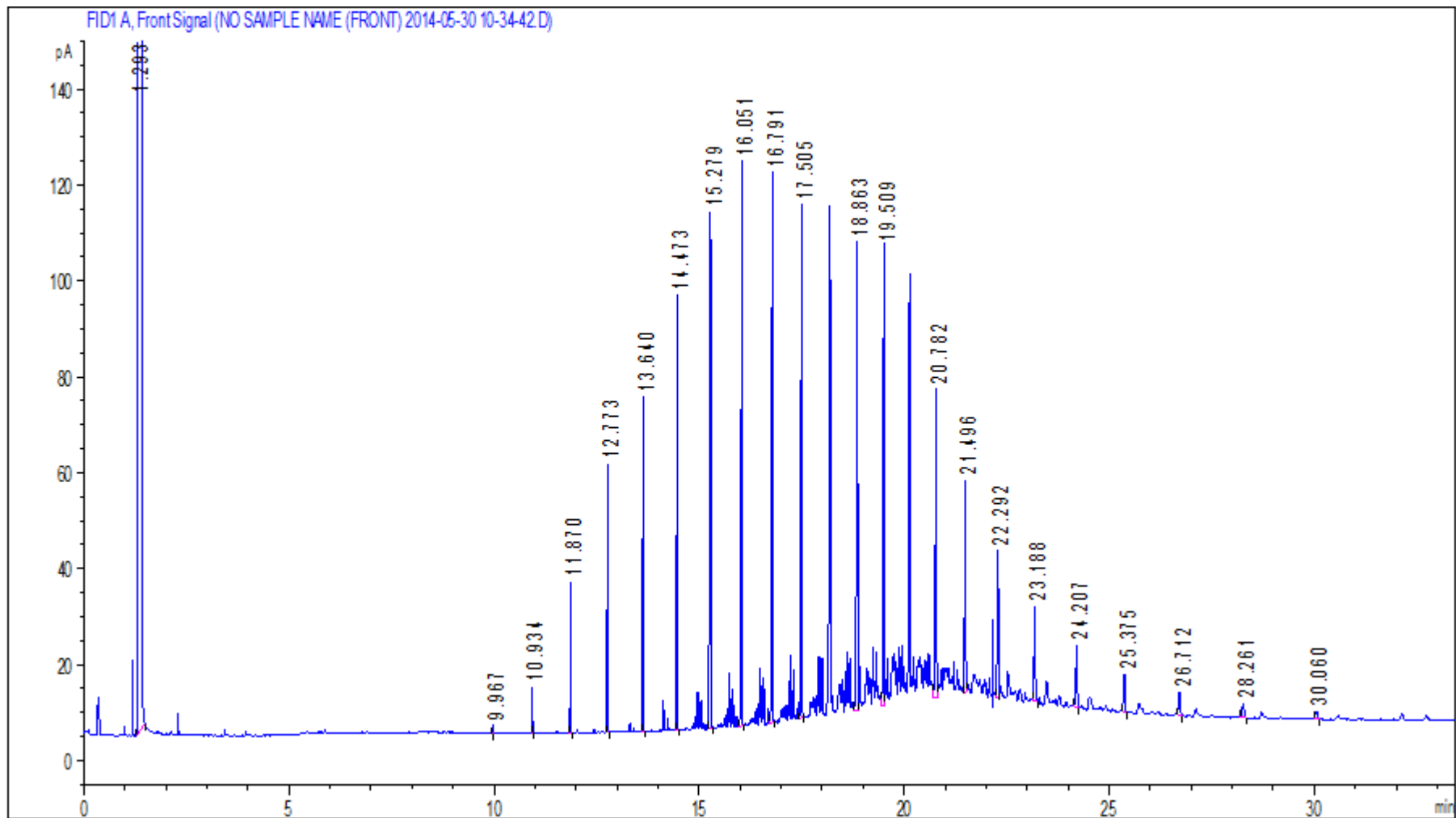


Instrumentation Conditions

- GC: Agilent 7890 w/ FID
- Cat no: *GsBP-1MS 20m x 0.2mm or 10m x 0.2mm*
- Oven: 150 °C (hold 1 min) to 340 °C 15min
- Carrier: Hydrogen, column flow 0.3ml/min
- Inlet: Split, 275 °C, split flow 60ml/min
- Detector: FID 325 °C
- Inject volume: 1ul

Pearl CW-4975 sample, 20m column



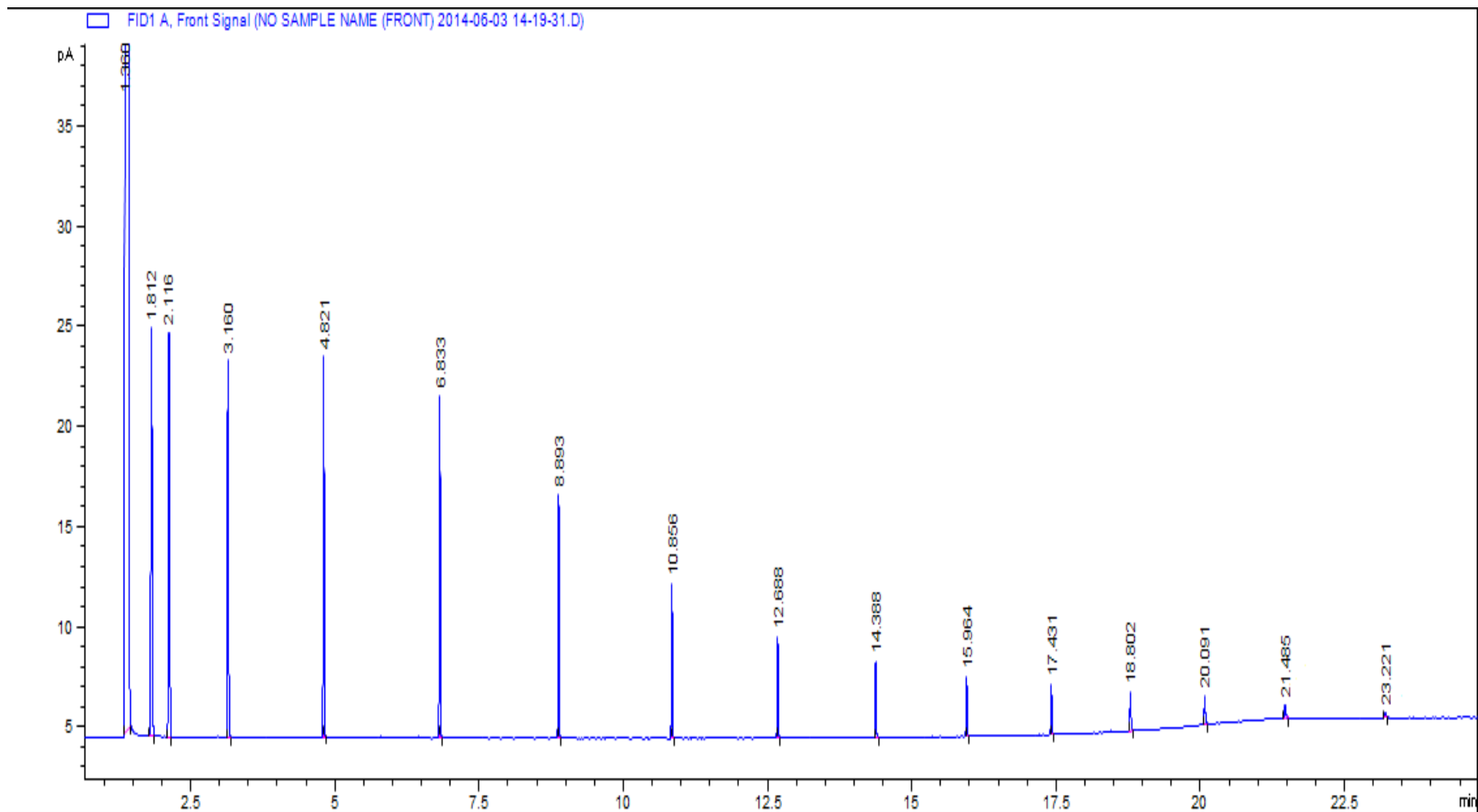
Peak Identifications and Resolutions

Peak	Compound	Retention Time
1	n-Nonadecane (C19)	9.967
2	n-Eicosane (C20)	10.934
3	n-Heneicosane(C21)	11.87
4	n-Docosane (C22)	12.773
5	n-Tricosane(C23)	13.64
6	n-Tetracosane (C24)	14.473
7	n-Pentacosane (C25)	15.279
8	n-Hexacosane (C26)	16.051
9	n-Heptacosan (C27)	16.791
10	n-Octacosane (C28)	17.505
11	n-Triacontane (C30)	18.863
12	n-Hentriacontane (C31)	19.509
13	n-Tritriacontane (C33)	20.782
14	n-Tetratriacontane (C34)	21.496

Peak Identifications and Resolutions

Peak	Compound	Retention Time
15	n-Pentatriacontane (C35)	22.292
16	n-hexatriacontane(C36)	23.188
17	n-Octatriacontane(C38)	24.207
18	n-Nonatriacontane(C39)	25.375
19	n-Tetracontane (C40)	26.712
20	n-Dotetracontane(C42)	28.261
21	n-Tetratetracontane(C44)	30.06

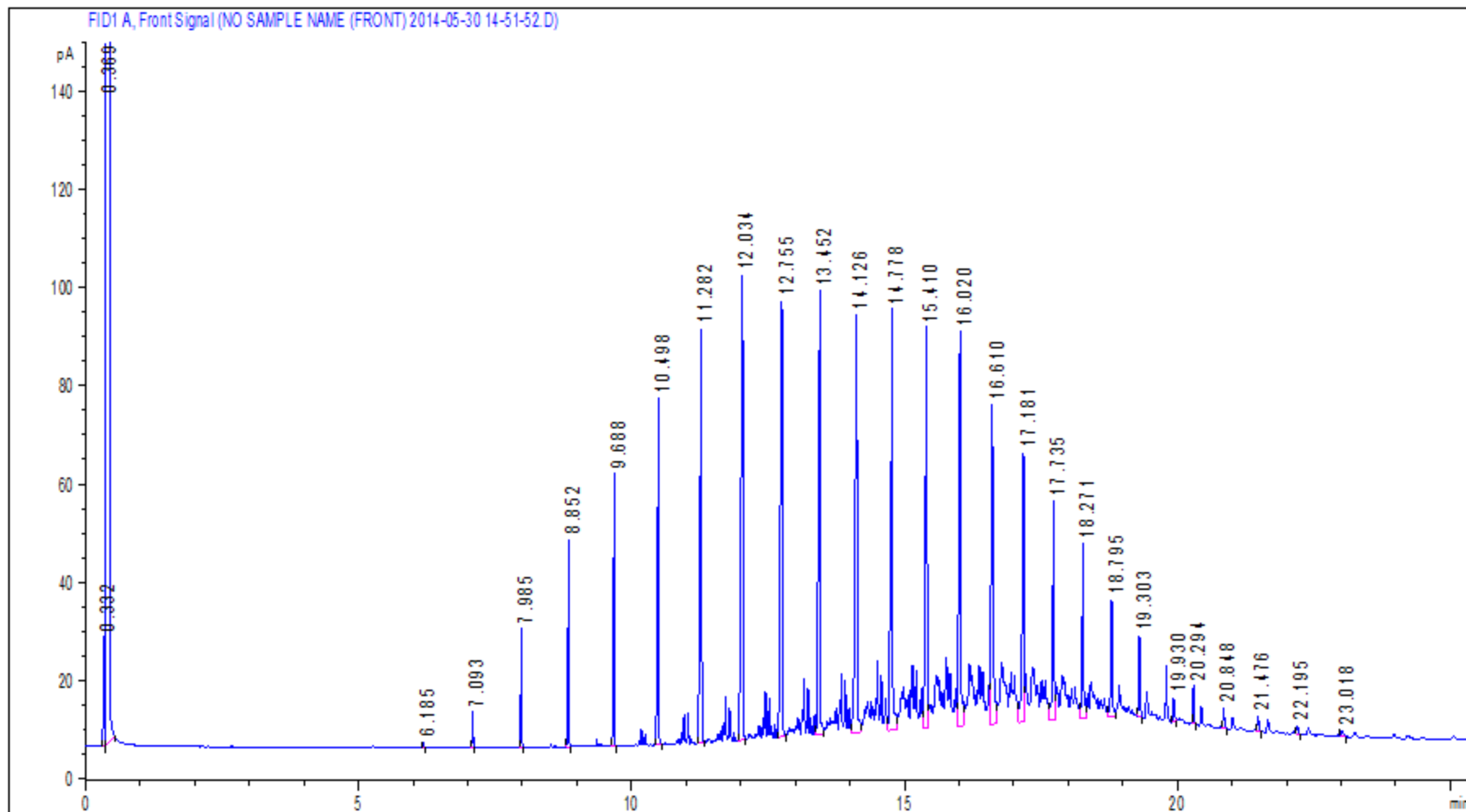
Connecticut ETPH Calibration Mixture sample, 20m column



Peak Identifications and Resolutions

Peak	Compound	Retention Time
1	<i>n</i> -Nonane (C9) (111-84-2)	1.812
2	<i>n</i> -Decane (C10) (124-18-5)	2.116
3	<i>n</i> -Dodecane (C12) (112-40-3)	3.16
4	<i>n</i> -Tetradecane (C14) (629-59-4)	4.821
5	<i>n</i> -Hexadecane (C16) (544-76-3)	6.833
6	<i>n</i> -Octadecane (C18) (593-45-3)	8.893
7	<i>n</i> -Eicosane (C20) (112-95-8)	10.856
8	<i>n</i> -Docosane (C22) (629-97-0)	12.688
9	<i>n</i> -Tetracosane (C24) (646-31-1)	14.388
10	<i>n</i> -Hexacosane (C26) (630-01-3)	15.964
11	<i>n</i> -Octacosane (C28) (630-02-4)	17.431
12	<i>n</i> -Triacontane (C30) (638-68-6)	18.802
13	<i>n</i> -Dotriacontane (C32) (544-85-4)	20.091
14	<i>n</i> -Tetratriacontane (C34) (14167-59-0)	21.485
15	<i>n</i> -Hexatriacontane (C36) (630-06-8)	23.221

Pearl CW-4975 sample, 10m column



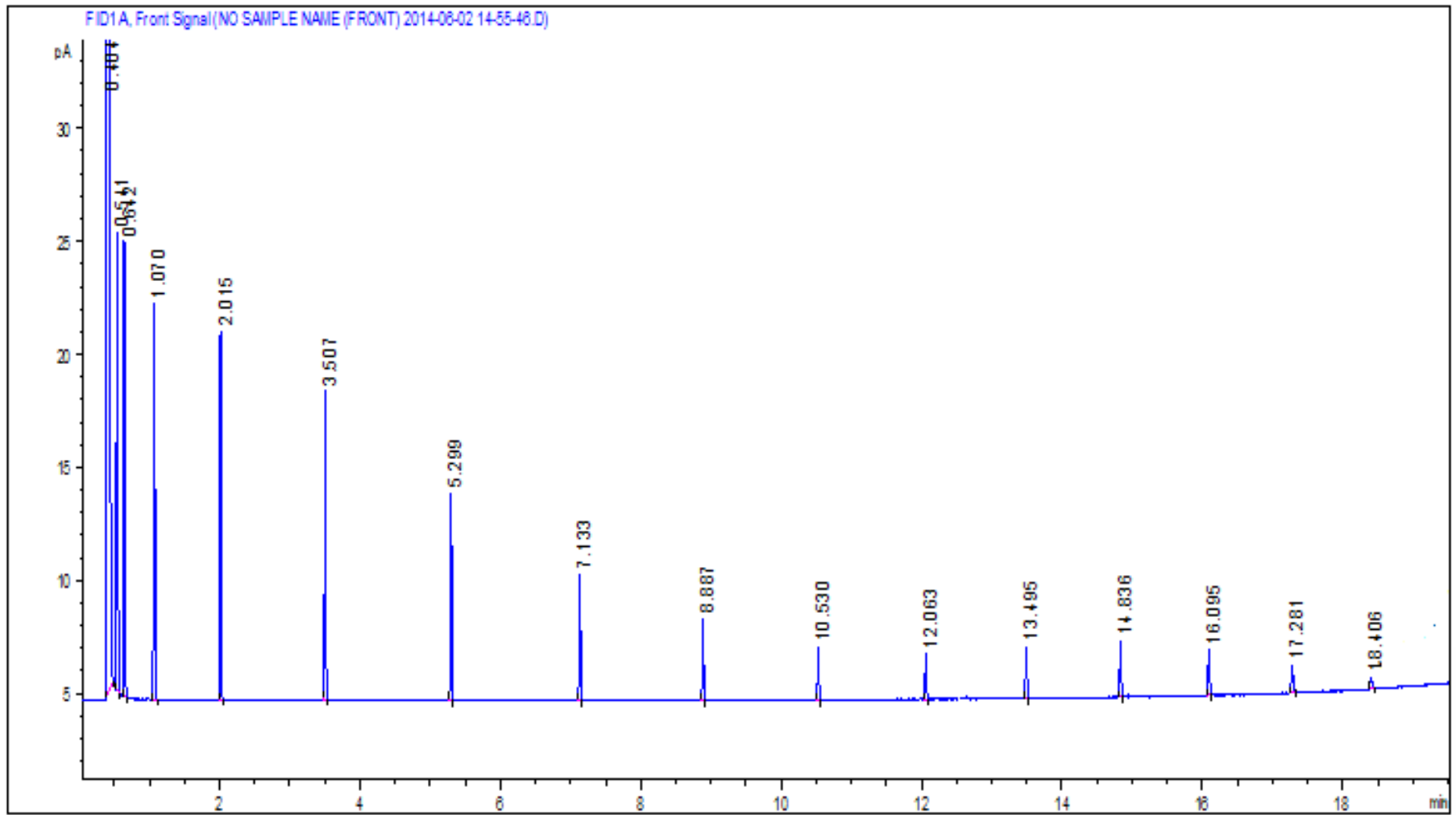
Peak Identifications and Resolutions

Peak	Compound	Retention Time
1	n-Nonadecane (C19)	6.185
2	n-Eicosane (C20)	7.093
3	n-Heneicosane(C21)	7.985
4	n-Docosane (C22)	8.852
5	n-Tricosane(C23)	9.688
6	n-Tetracosane (C24)	10.498
7	n-Pentacosane (C25)	11.282
8	n-Hexacosane (C26)	12.034
9	n-Heptacosan (C27)	12.755
10	n-Octacosane (C28)	13.452
11	n-Triacontane (C30)	14.126
12	n-Hentriacontane (C31)	14.778
13	n-Tritriacontane (C33)	15.41
14	n-Tetratriacontane (C34)	16.02

Peak Identifications and Resolutions

Peak	Compound	Retention Time
15	n-Pentatriacontane (C35)	16.61
16	n-Hexatriacontane(C36)	17.181
17	n-Octatriacontane(C38)	17.735
18	n-Nonatriacontane(C39)	18.271
19	n-Tetracontane (C40)	18.795
20	n-Dotetracontane(C42)	19.303
21	n-Tetratetracontane(C44)	19.93
22	n--Pentatetracontane(C45)	20.294
23	n-Heptatetracontane (C47)	20.848
24	n-Nonatetracontane(C49)	21.476
25	n-Henpentacontane (C51)	22.195
26	n-Tripentacontane(C53)	23.018

Connecticut ETPH Calibration Mixture sample, 10m column



Peak Identifications and Resolutions

Peak	Compound	Retention Time
1	<i>n</i> -Nonane (C9) (111-84-2)	0.541
2	<i>n</i> -Decane (C10) (124-18-5)	0.642
3	<i>n</i> -Dodecane (C12) (112-40-3)	1.07
4	<i>n</i> -Tetradecane (C14) (629-59-4)	2.015
5	<i>n</i> -Hexadecane (C16) (544-76-3)	3.507
6	<i>n</i> -Octadecane (C18) (593-45-3)	5.299
7	<i>n</i> -Eicosane (C20) (112-95-8)	7.133
8	<i>n</i> -Docosane (C22) (629-97-0)	8.887
9	<i>n</i> -Tetracosane (C24) (646-31-1)	10.53
10	<i>n</i> -Hexacosane (C26) (630-01-3)	12.063
11	<i>n</i> -Octacosane (C28) (630-02-4)	13.495
12	<i>n</i> -Triacontane (C30) (638-68-6)	14.836
13	<i>n</i> -Dotriacontane (C32) (544-85-4)	16.095
14	<i>n</i> -Tetratriacontane (C34) (14167-59-0)	17.281
15	<i>n</i> -Hexatriacontane (C36) (630-06-8)	18.406