

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080720AL\
 Data File : FC048904.D
 Signal(s) : FID1A.CH
 Acq On : 07 Aug 2020 17:21
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 08 02:33:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:32:08 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.685	12005573	98.135 ug/ml
Spiked Amount 50.000		Recovery =	196.27%
12) S 1-chlorooctadecane (S...	13.115	9856503	98.347 ug/ml
Spiked Amount 50.000		Recovery =	196.69%
Target Compounds			
1) T n-Nonane (C9)	3.413	10525492	97.916 ug/ml
2) T n-Decane (C10)	4.489	10597721	98.014 ug/ml
3) T A~Naphthalene (C11.7)	6.087	11958960	98.190 ug/ml
4) T n-Dodecane (C12)	6.515	10719628	98.115 ug/ml
5) T A~2-methylnaphthalene...	7.147	12231753	98.317 ug/ml
6) T n-Tetradecane (C14)	8.313	10702259	98.380 ug/ml
7) T n-Hexadecane (C16)	9.915	10625583	98.300 ug/ml
8) T n-Octadecane (C18)	11.361	11092415	97.895 ug/ml
10) T n-Eicosane (C20)	12.670	11258591	98.118 ug/ml
11) T n-Heneicosane (C21)	13.282	11315836	98.362 ug/ml
13) T n-Docosane (C22)	13.867	11390153	98.437 ug/ml
14) T n-Tetracosane (C24)	14.969	11567939	98.844 ug/ml
15) T n-Hexacosane (C26)	15.990	11661002	99.115 ug/ml
16) T n-Octacosane (C28)	16.937	11823310	99.140 ug/ml
17) T n-Tricontane (C30)	17.823	11630687	98.373 ug/ml
18) T n-Dotriacontane (C32)	18.654	10739565	97.135 ug/ml
19) T n-Tetratriacontane (C34)	19.434	10202578	95.879 ug/ml
20) T n-Hexatriacontane (C36)	20.172	9671874	94.594 ug/ml
21) T n-Octatriacontane (C38)	20.924	9063130	92.752 ug/ml
22) T n-Tetracontane (C40)	21.877	9077618	91.312 ug/ml

(f)=RT Delta > 1/2 Window

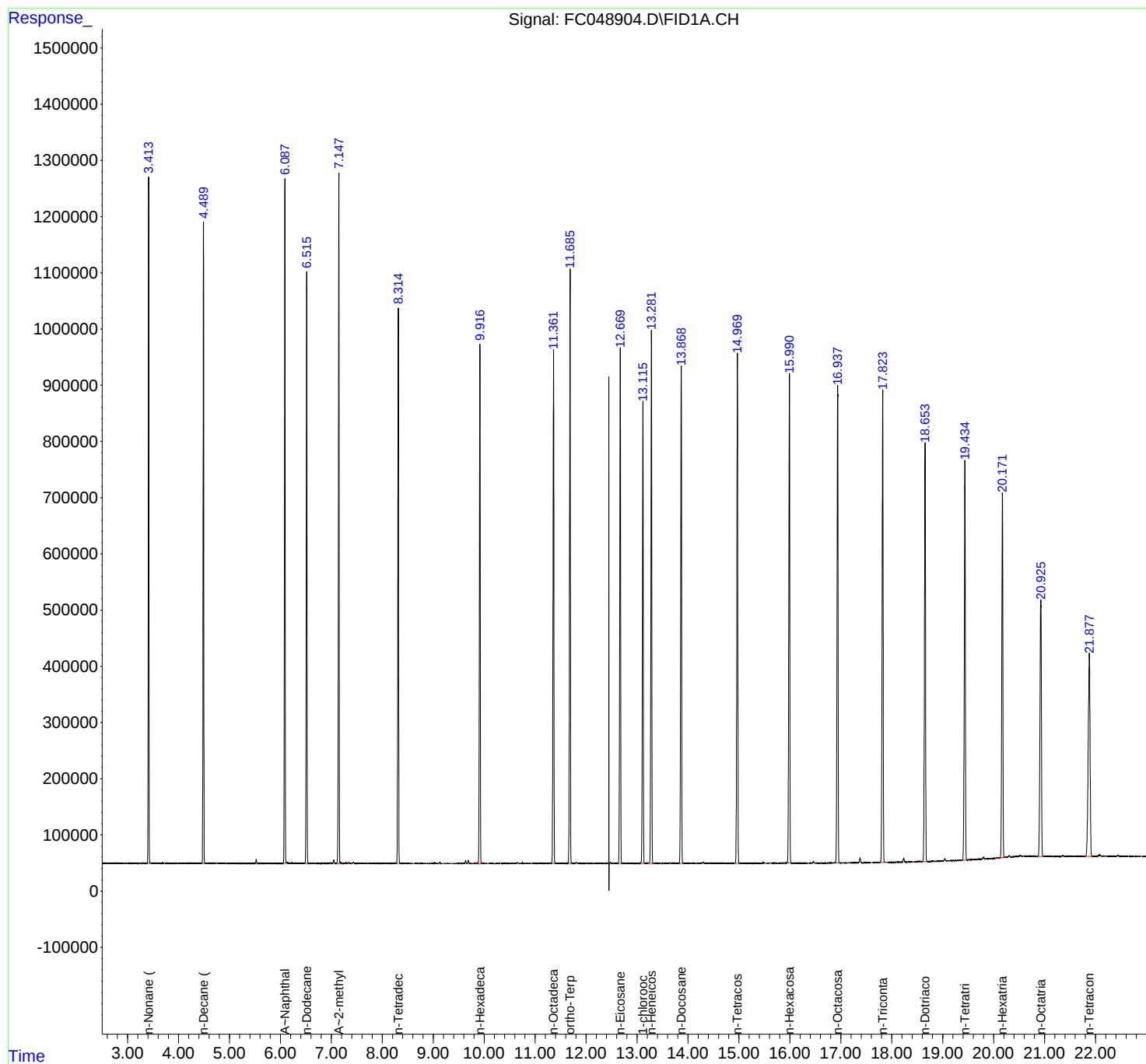
(m)=manual int.

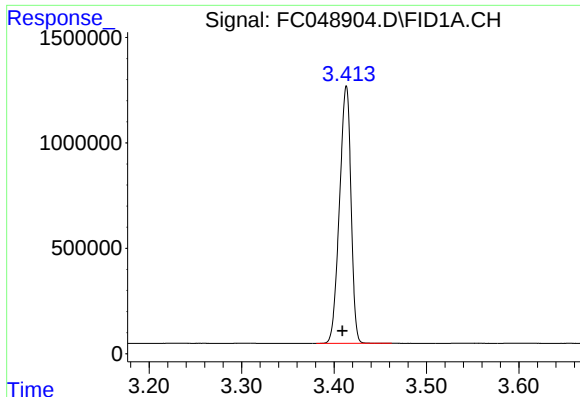
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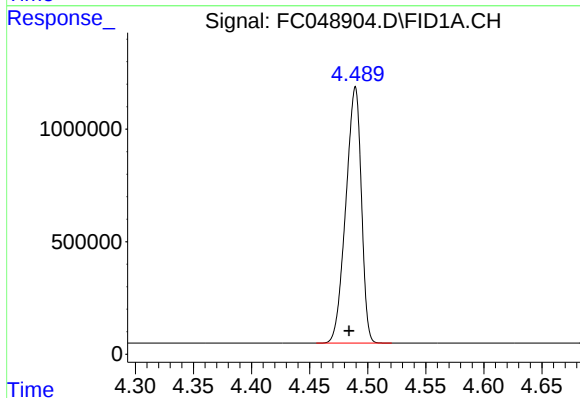




#1 n-Nonane (C9)

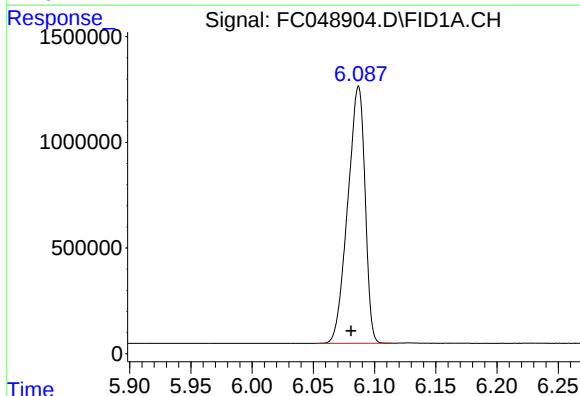
R.T.: 3.413 min
Delta R.T.: 0.004 min
Response: 10525492
Conc: 97.92 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



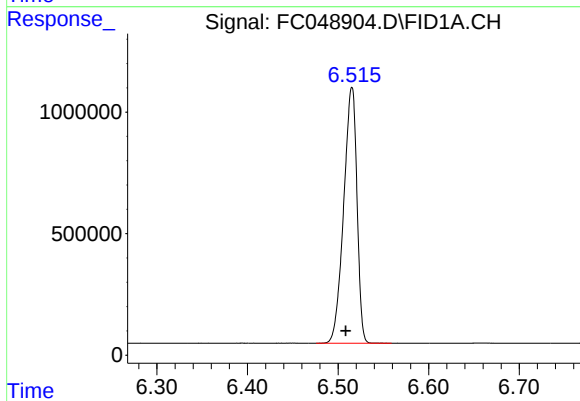
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.005 min
Response: 10597721
Conc: 98.01 ug/ml



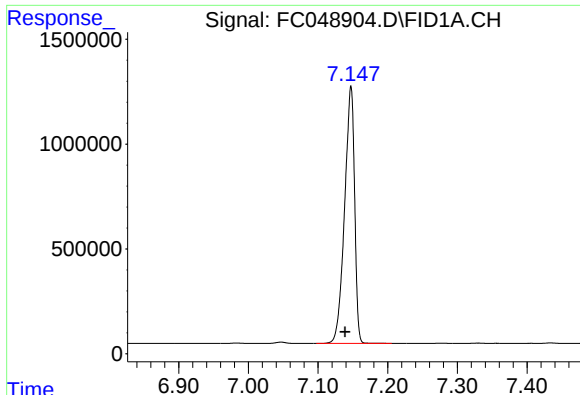
#3 A~Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: 0.006 min
Response: 11958960
Conc: 98.19 ug/ml



#4 n-Dodecane (C12)

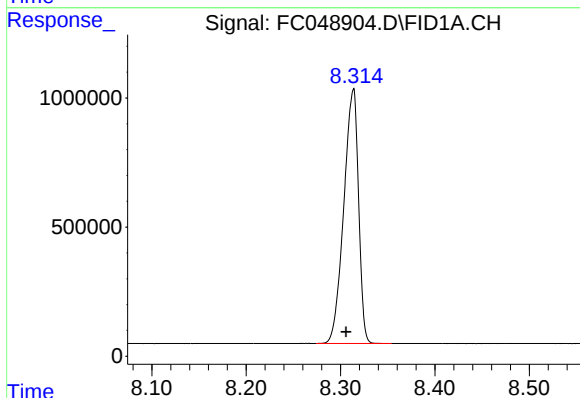
R.T.: 6.515 min
Delta R.T.: 0.007 min
Response: 10719628
Conc: 98.12 ug/ml



#5 A~2-methylnaphthalene (C12.89)

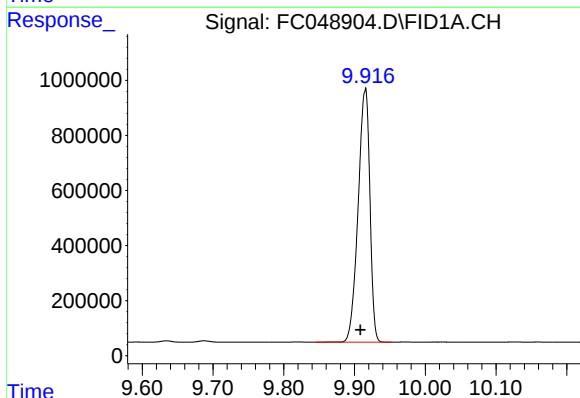
R.T.: 7.147 min
Delta R.T.: 0.008 min
Response: 12231753
Conc: 98.32 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



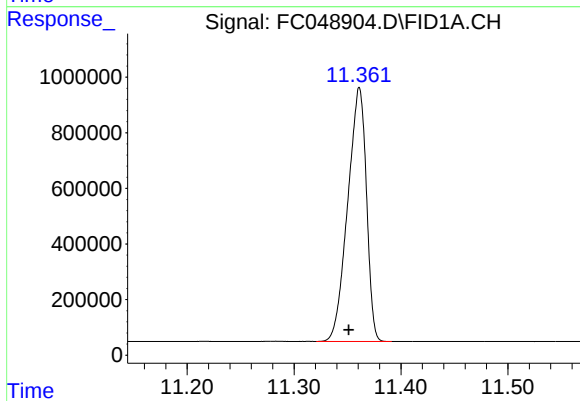
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.008 min
Response: 10702259
Conc: 98.38 ug/ml



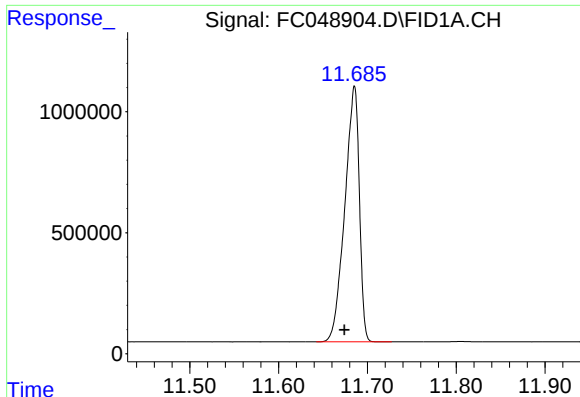
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.007 min
Response: 10625583
Conc: 98.30 ug/ml



#8 n-Octadecane (C18)

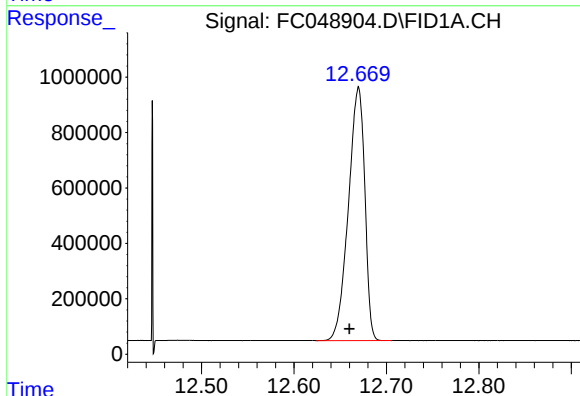
R.T.: 11.361 min
Delta R.T.: 0.010 min
Response: 11092415
Conc: 97.90 ug/ml



#9 ortho-Terphenyl (SURR)

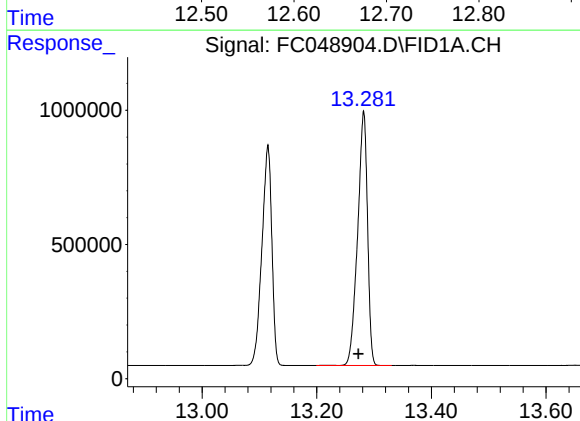
R.T.: 11.685 min
Delta R.T.: 0.012 min
Response: 12005573
Conc: 98.14 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



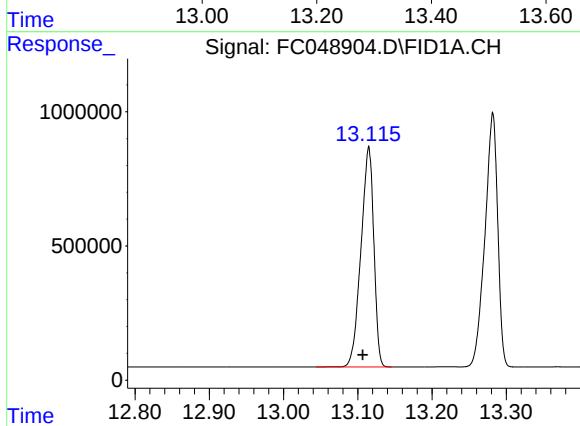
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.010 min
Response: 11258591
Conc: 98.12 ug/ml



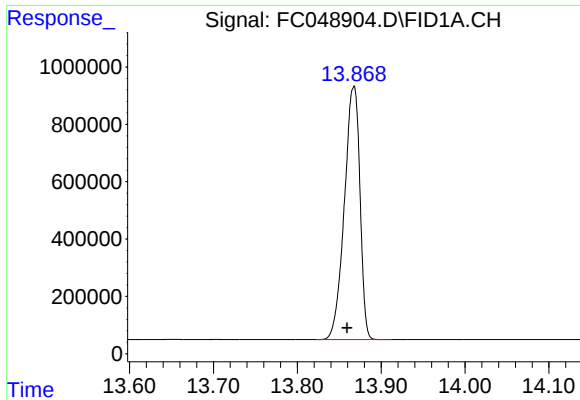
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.009 min
Response: 11315836
Conc: 98.36 ug/ml



#12 1-chlorooctadecane (SURR)

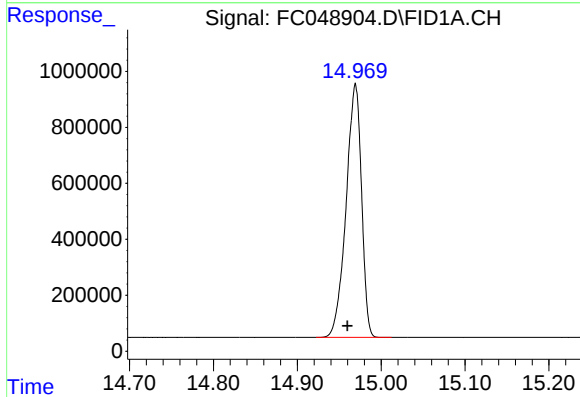
R.T.: 13.115 min
Delta R.T.: 0.008 min
Response: 9856503
Conc: 98.35 ug/ml



#13 n-Docosane (C22)

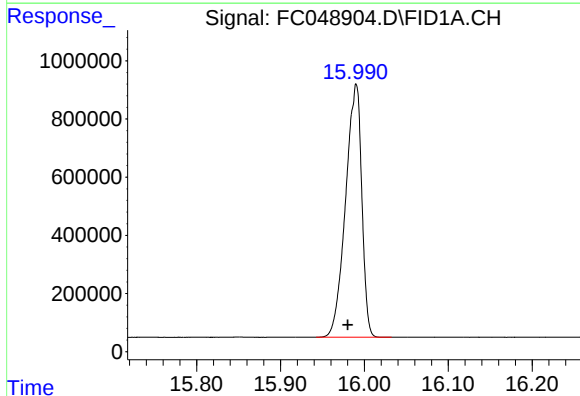
R.T.: 13.867 min
Delta R.T.: 0.008 min
Response: 11390153
Conc: 98.44 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



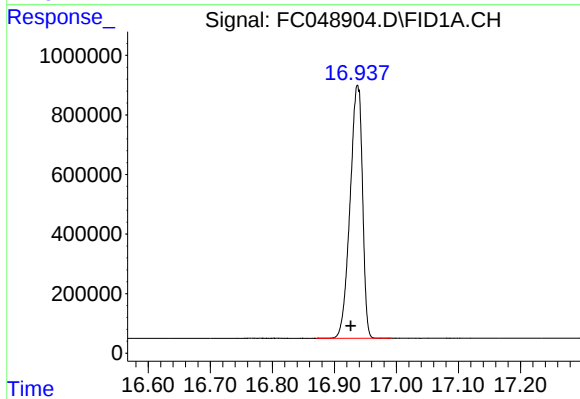
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: 0.010 min
Response: 11567939
Conc: 98.84 ug/ml



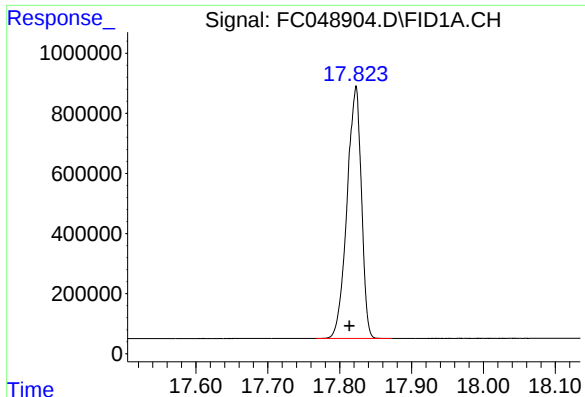
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.010 min
Response: 11661002
Conc: 99.12 ug/ml



#16 n-Octacosane (C28)

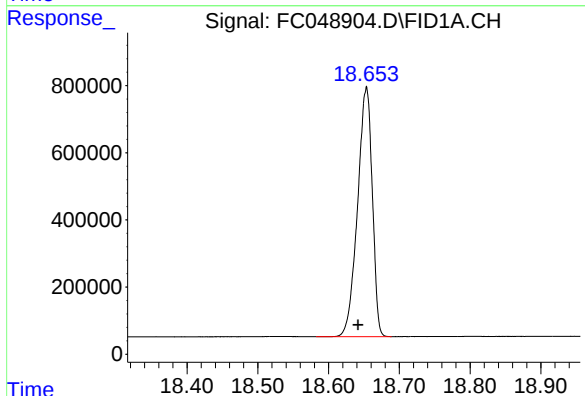
R.T.: 16.937 min
Delta R.T.: 0.011 min
Response: 11823310
Conc: 99.14 ug/ml



#17 n-Tricontane (C30)

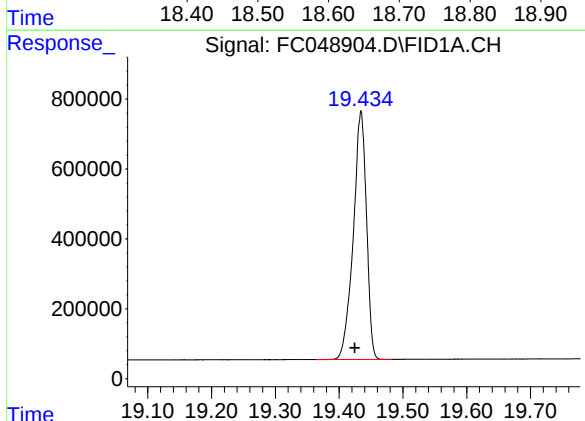
R.T.: 17.823 min
Delta R.T.: 0.009 min
Response: 11630687
Conc: 98.37 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



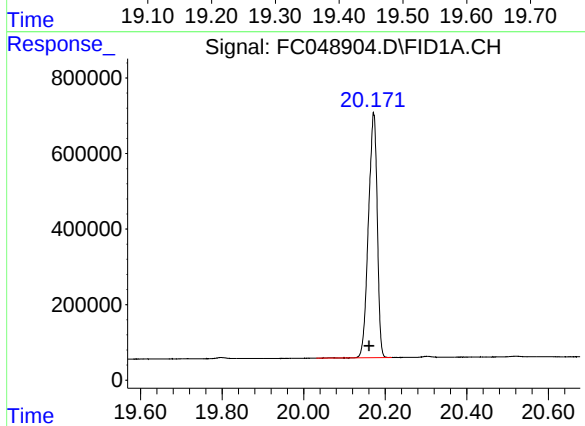
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: 0.012 min
Response: 10739565
Conc: 97.13 ug/ml



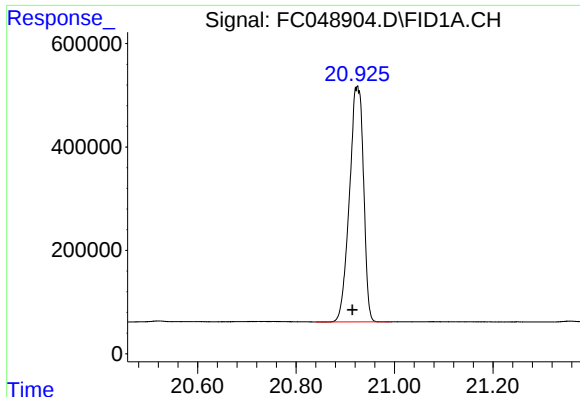
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: 0.010 min
Response: 10202578
Conc: 95.88 ug/ml



#20 n-Hexatriacontane (C36)

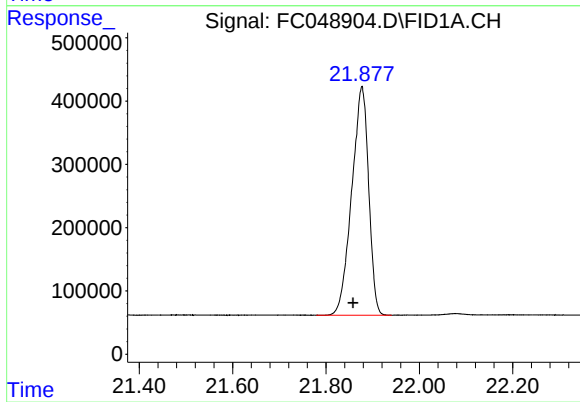
R.T.: 20.172 min
Delta R.T.: 0.011 min
Response: 9671874
Conc: 94.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.010 min
Response: 9063130
Conc: 92.75 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: 0.019 min
Response: 9077618
Conc: 91.31 ug/ml