

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009389.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 13:18
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 14 14:45:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:45:23 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.754	14631981	111.080 ug/ml
Spiked Amount 50.000		Recovery =	222.16%
12) S 1-chlorooctadecane (S...	12.185	11647642	110.970 ug/ml
Spiked Amount 50.000		Recovery =	221.94%
Target Compounds			
1) T n-Nonane (C9)	2.644	12712637	110.947 ug/ml
2) T n-Decane (C10)	3.646	12808883	112.281 ug/ml
3) T A~Naphthalene (C11.7)	5.199	14312118	114.191 ug/ml
4) T n-Dodecane (C12)	5.626	12799538	110.249 ug/ml
5) T A~2-methylnaphthalene...	6.246	14402355	114.779 ug/ml
6) T n-Tetradecane (C14)	7.410	12929370	110.488 ug/ml
7) T n-Hexadecane (C16)	9.003	13181763	111.464 ug/ml
8) T n-Octadecane (C18)	10.440	13748164	110.661 ug/ml
10) T n-Eicosane (C20)	11.744	13815577	110.400 ug/ml
11) T n-Heneicosane (C21)	12.354	14024691	109.922 ug/ml
13) T n-Docosane (C22)	12.938	13974567	109.744 ug/ml
14) T n-Tetracosane (C24)	14.037	13984853	108.822 ug/ml
15) T n-Hexacosane (C26)	15.055	13528780	109.787 ug/ml
16) T n-Octacosane (C28)	16.002	12933754	113.482 ug/ml
17) T n-Tricontane (C30)	16.884	11980448	115.909 ug/ml
18) T n-Dotriacontane (C32)	17.715	11024603	111.016 ug/ml
19) T n-Tetratriacontane (C34)	18.494	10914792	108.856 ug/ml
20) T n-Hexatriacontane (C36)	19.232	10778007	109.244 ug/ml
21) T n-Octatriacontane (C38)	19.940	10651668	111.861 ug/ml
22) T n-Tetracontane (C40)	20.777	10231778	129.243 ug/ml

(f)=RT Delta > 1/2 Window

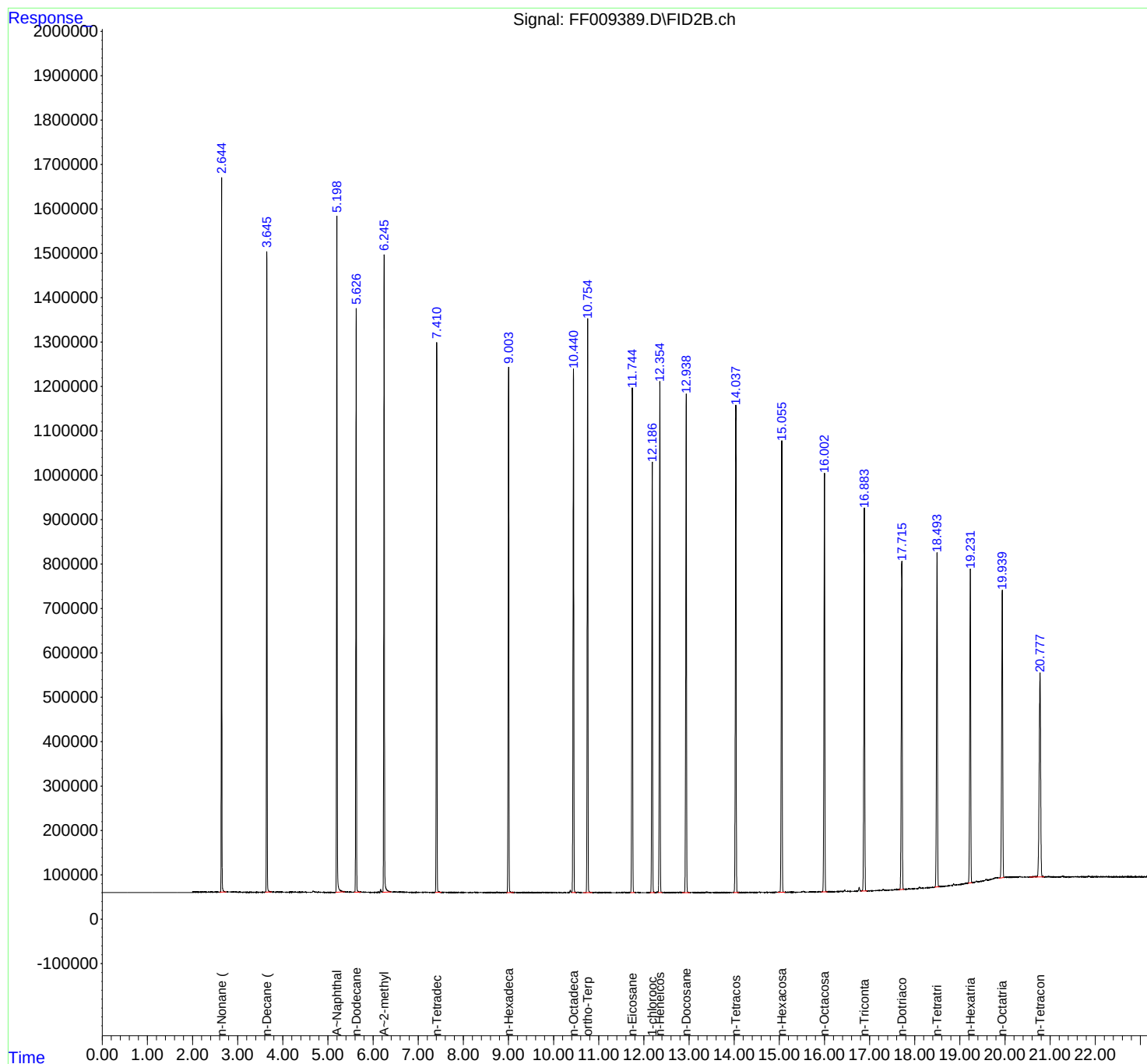
(m)=manual int.

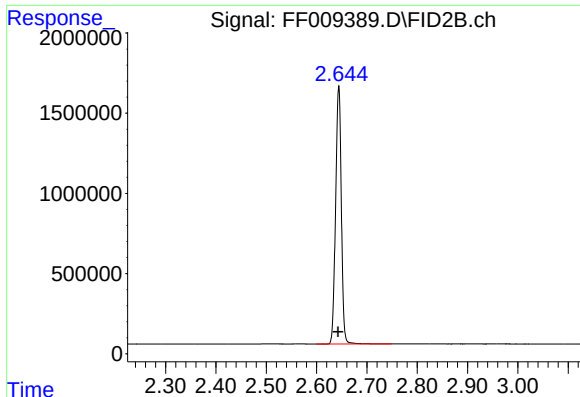
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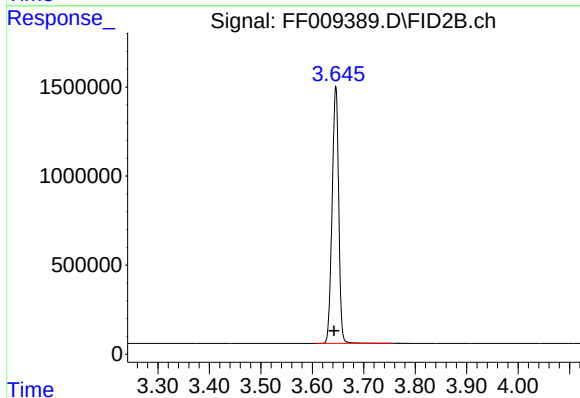




#1 n-Nonane (C9)

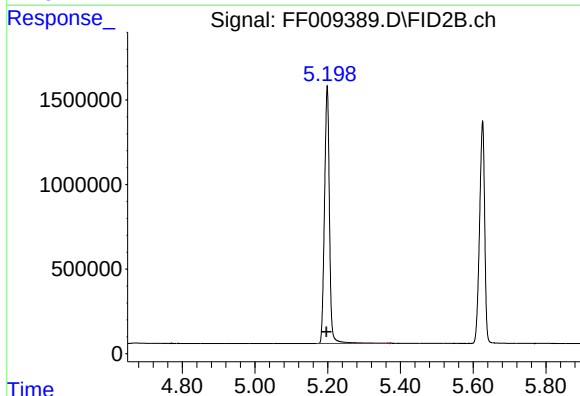
R.T.: 2.644 min
Delta R.T.: 0.001 min
Response: 12712637
Conc: 110.95 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



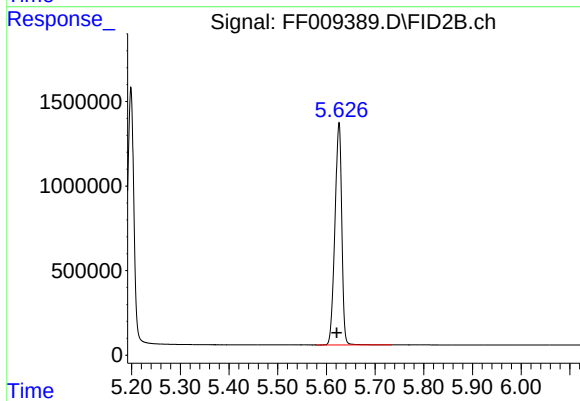
#2 n-Decane (C10)

R.T.: 3.646 min
Delta R.T.: 0.003 min
Response: 12808883
Conc: 112.28 ug/ml



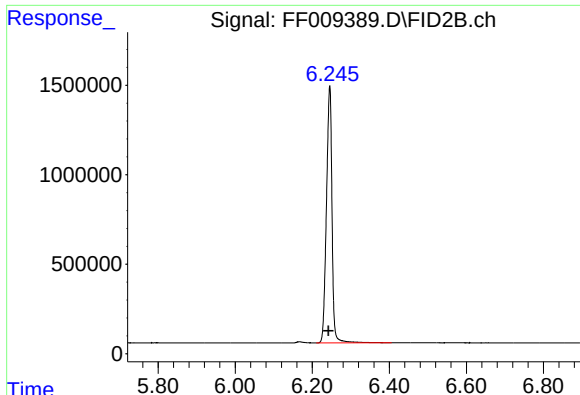
#3 A~Naphthalene (C11.7)

R.T.: 5.199 min
Delta R.T.: 0.002 min
Response: 14312118
Conc: 114.19 ug/ml



#4 n-Dodecane (C12)

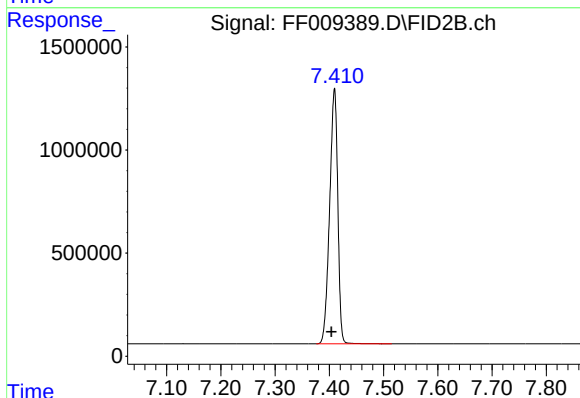
R.T.: 5.626 min
Delta R.T.: 0.005 min
Response: 12799538
Conc: 110.25 ug/ml



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

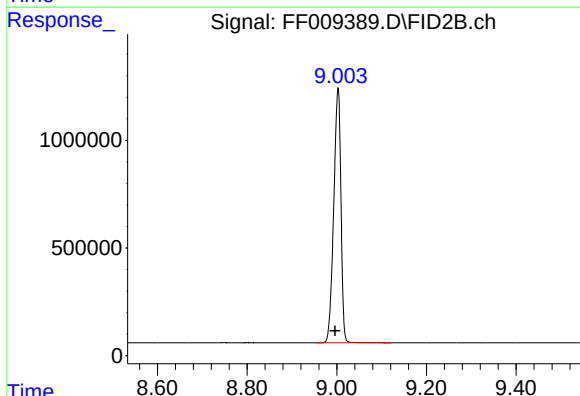
R.T.: 6.246 min
Delta R.T.: 0.004 min
Response: 14402355
Conc: 114.78 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



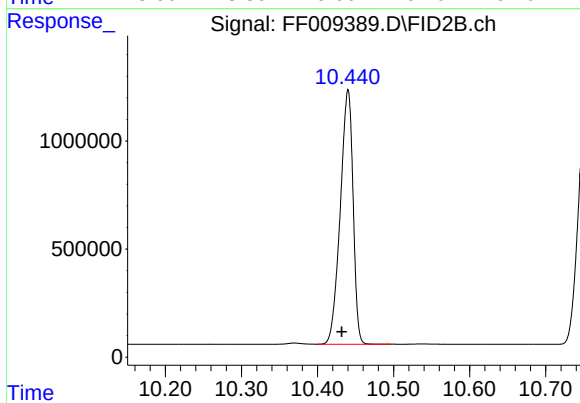
#6 n-Tetradecane (C14)

R.T.: 7.410 min
Delta R.T.: 0.006 min
Response: 12929370
Conc: 110.49 ug/ml



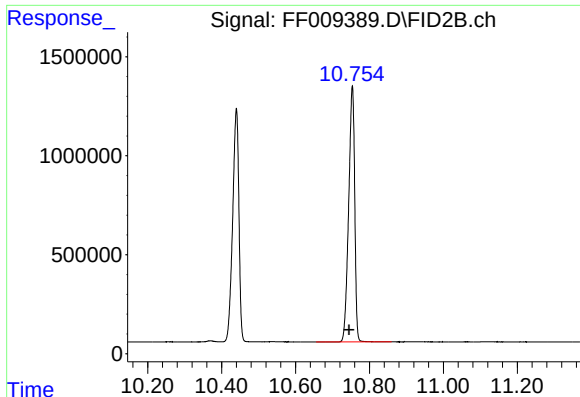
#7 n-Hexadecane (C16)

R.T.: 9.003 min
Delta R.T.: 0.007 min
Response: 13181763
Conc: 111.46 ug/ml



#8 n-Octadecane (C18)

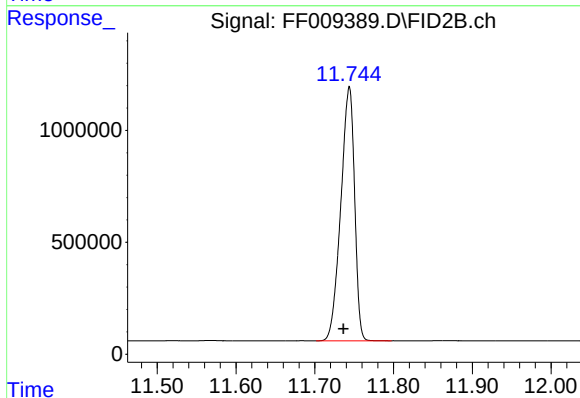
R.T.: 10.440 min
Delta R.T.: 0.008 min
Response: 13748164
Conc: 110.66 ug/ml



#9 ortho-Terphenyl (SURR)

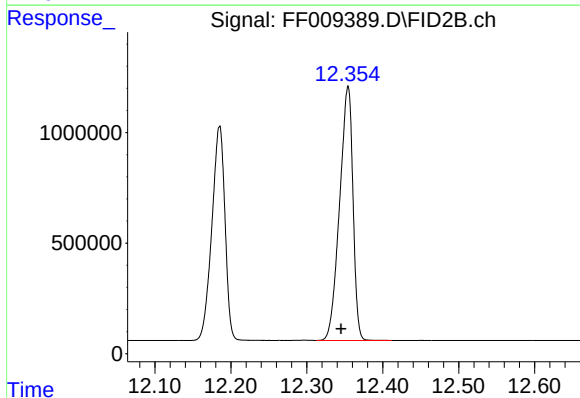
R.T.: 10.754 min
Delta R.T.: 0.009 min
Response: 14631981
Conc: 111.08 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



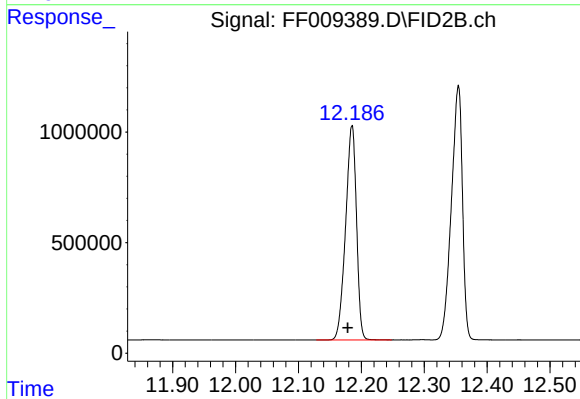
#10 n-Eicosane (C20)

R.T.: 11.744 min
Delta R.T.: 0.008 min
Response: 13815577
Conc: 110.40 ug/ml



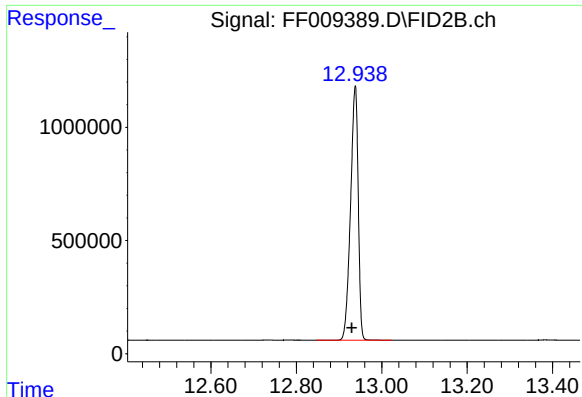
#11 n-Heneicosane (C21)

R.T.: 12.354 min
Delta R.T.: 0.009 min
Response: 14024691
Conc: 109.92 ug/ml



#12 1-chlorooctadecane (SURR)

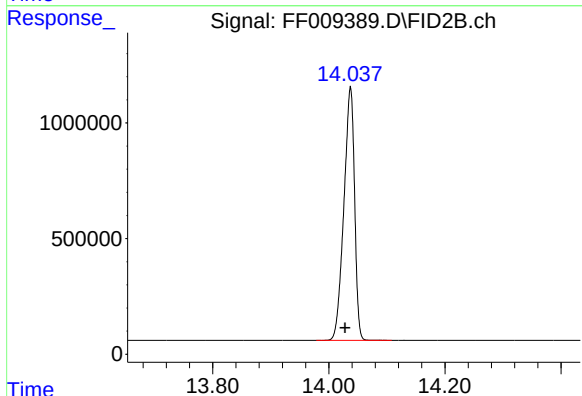
R.T.: 12.185 min
Delta R.T.: 0.007 min
Response: 11647642
Conc: 110.97 ug/ml



#13 n-Docosane (C22)

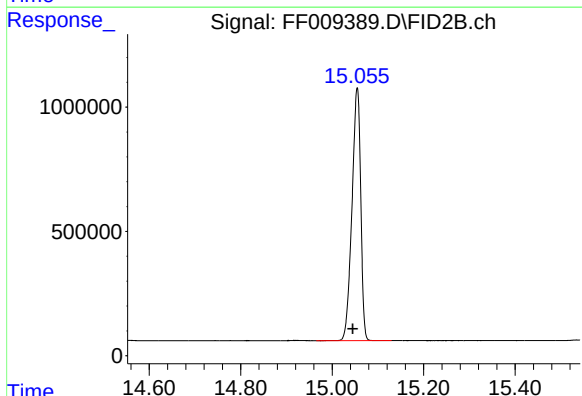
R.T.: 12.938 min
Delta R.T.: 0.009 min
Response: 13974567
Conc: 109.74 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



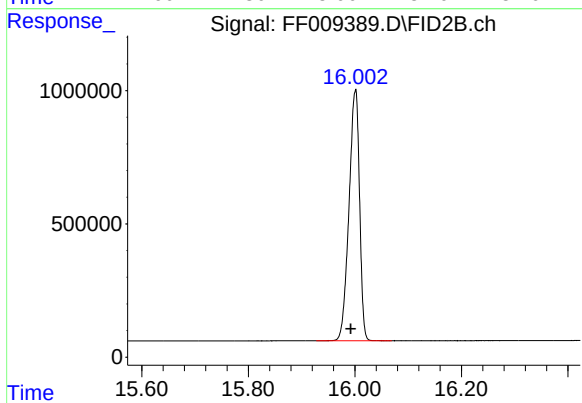
#14 n-Tetracosane (C24)

R.T.: 14.037 min
Delta R.T.: 0.009 min
Response: 13984853
Conc: 108.82 ug/ml



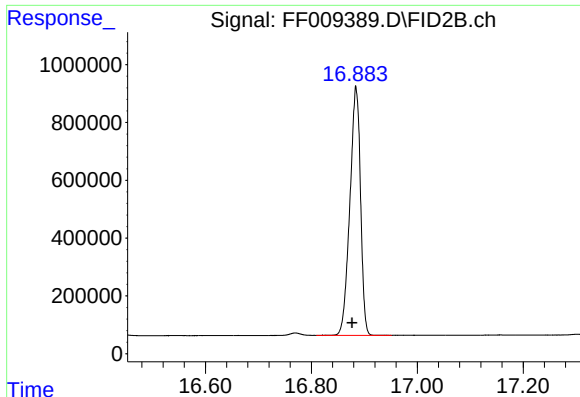
#15 n-Hexacosane (C26)

R.T.: 15.055 min
Delta R.T.: 0.010 min
Response: 13528780
Conc: 109.79 ug/ml



#16 n-Octacosane (C28)

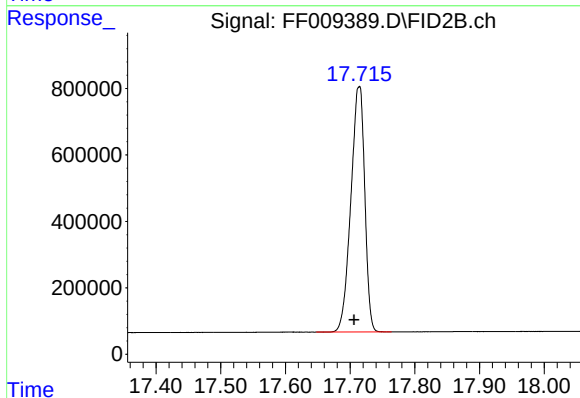
R.T.: 16.002 min
Delta R.T.: 0.009 min
Response: 12933754
Conc: 113.48 ug/ml



#17 n-Tricontane (C30)

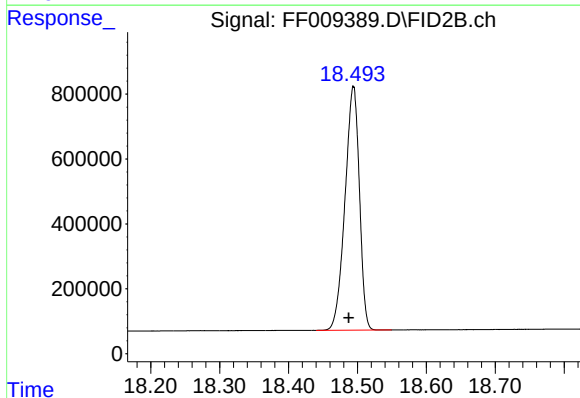
R.T.: 16.884 min
Delta R.T.: 0.007 min
Response: 11980448
Conc: 115.91 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



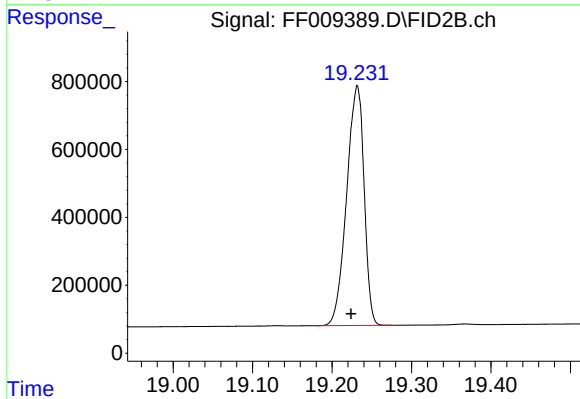
#18 n-Dotriacontane (C32)

R.T.: 17.715 min
Delta R.T.: 0.009 min
Response: 11024603
Conc: 111.02 ug/ml



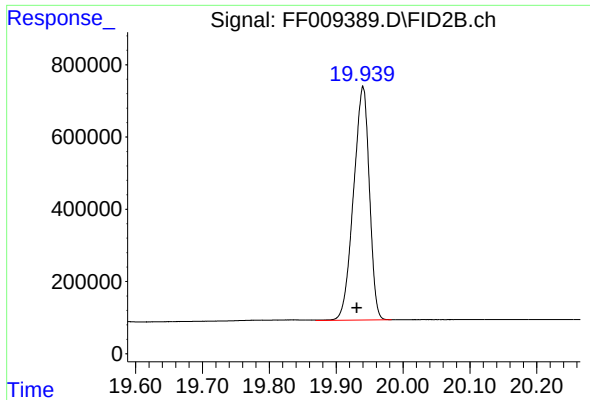
#19 n-Tetratriacontane (C34)

R.T.: 18.494 min
Delta R.T.: 0.007 min
Response: 10914792
Conc: 108.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.232 min
Delta R.T.: 0.008 min
Response: 10778007
Conc: 109.24 ug/ml



#21 n-Octatriacontane (C38)

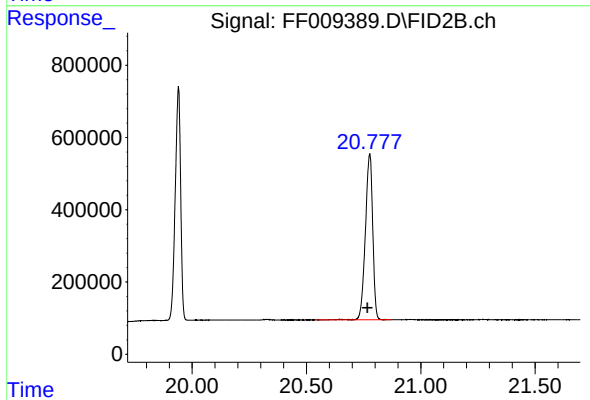
R.T.: 19.940 min
Delta R.T.: 0.009 min
Response: 10651668
Conc: 111.86 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 20.777 min
Delta R.T.: 0.010 min
Response: 10231778
Conc: 129.24 ug/ml