

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066276.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 13:02
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 02 08:54:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 08:48:13 2024
 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)	11.575	16255985	72.546 ug/ml
Spiked Amount 50.000		Recovery =	145.09%
12) S 1-chlorooctadecane (S...	13.011	11817914	72.331 ug/ml
Spiked Amount 50.000		Recovery =	144.66%
Target Compounds			
1) T n-Nonane (C9)	3.327	15298176	73.288 ug/ml
2) T n-Decane (C10)	4.394	15523651	73.089 ug/ml
3) T A~Naphthalene (C11.7)	5.977	17163741	73.098 ug/ml
4) T n-Dodecane (C12)	6.413	15392769	72.923 ug/ml
5) T A~2-methylnaphthalene...	7.035	16584753	72.997 ug/ml
6) T n-Tetradecane (C14)	8.210	15009520	72.971 ug/ml
7) T n-Hexadecane (C16)	9.813	15090268	72.630 ug/ml
8) T n-Octadecane (C18)	11.259	14819738	72.501 ug/ml
10) T n-Eicosane (C20)	12.567	13869485	72.379 ug/ml
11) T n-Heneicosane (C21)	13.180	13510228	72.355 ug/ml
13) T n-Docosane (C22)	13.766	13298574	72.312 ug/ml
14) T n-Tetracosane (C24)	14.869	13011606	72.270 ug/ml
15) T n-Hexacosane (C26)	15.891	12585582	72.347 ug/ml
16) T n-Octacosane (C28)	16.841	12127953	72.177 ug/ml
17) T n-Tricontane (C30)	17.729	12031489	71.962 ug/ml
18) T n-Dotriacontane (C32)	18.562	11538804	71.999 ug/ml
19) T n-Tetratriacontane (C34)	19.346	11051943	72.181 ug/ml
20) T n-Hexatriacontane (C36)	20.086	10589872	70.285 ug/ml
21) T n-Octatriacontane (C38)	20.823	10544091	72.959 ug/ml
22) T n-Tetracontane (C40)	21.738	10429450	72.902 ug/ml

(f)=RT Delta > 1/2 Window

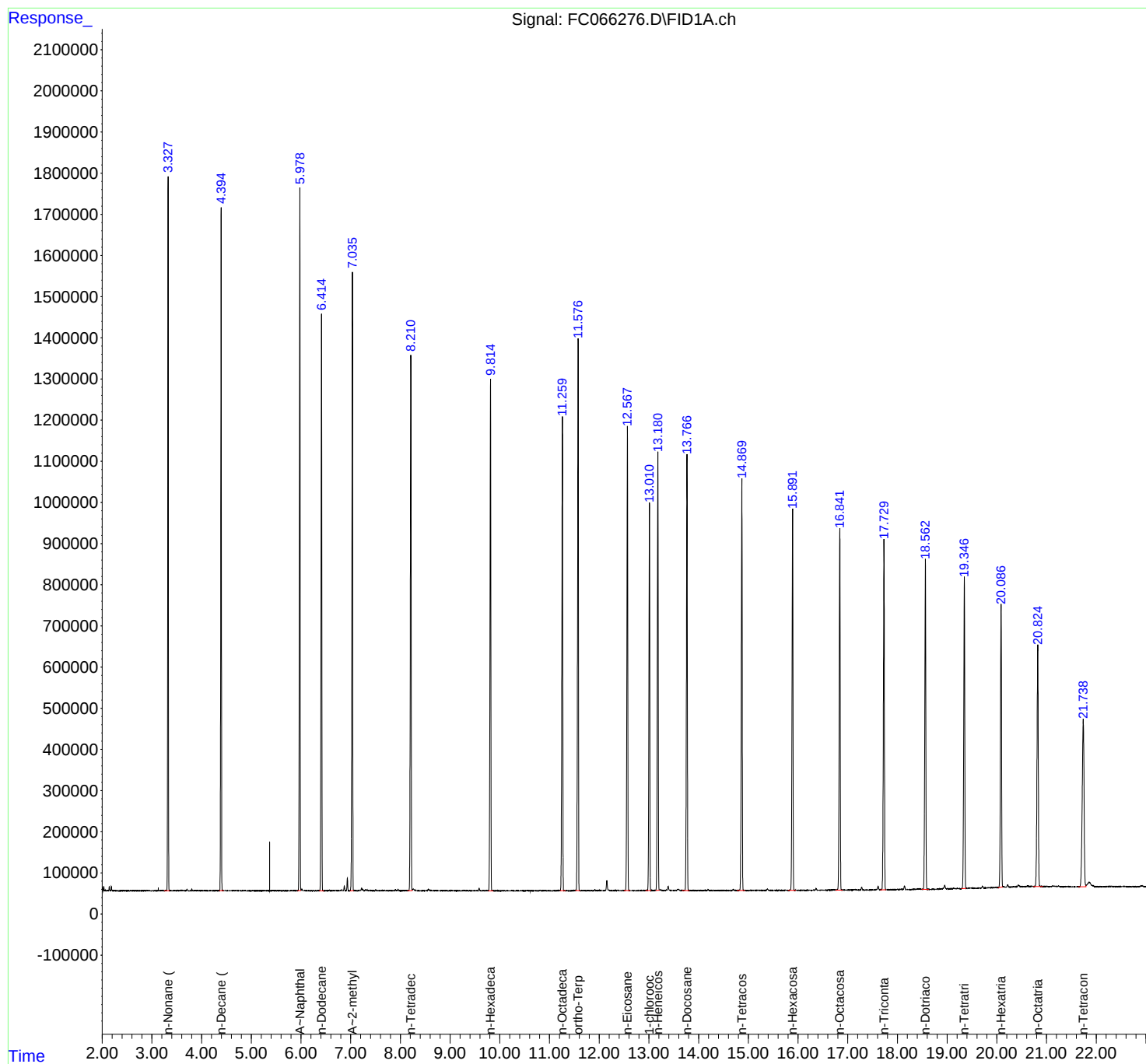
(m)=manual int.

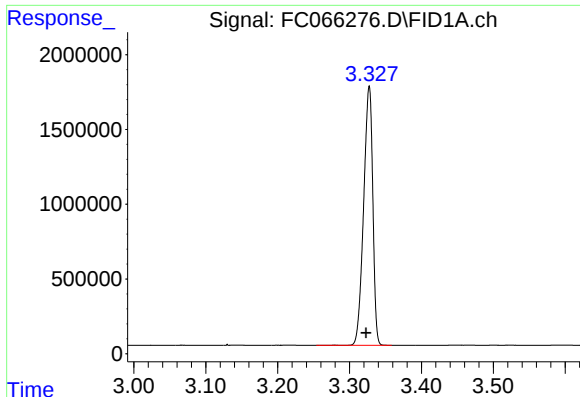
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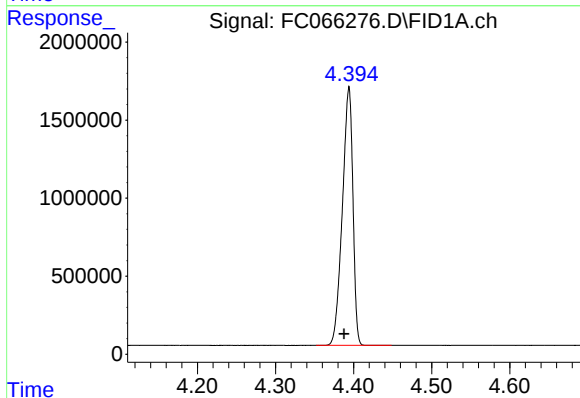




#1 n-Nonane (C9)

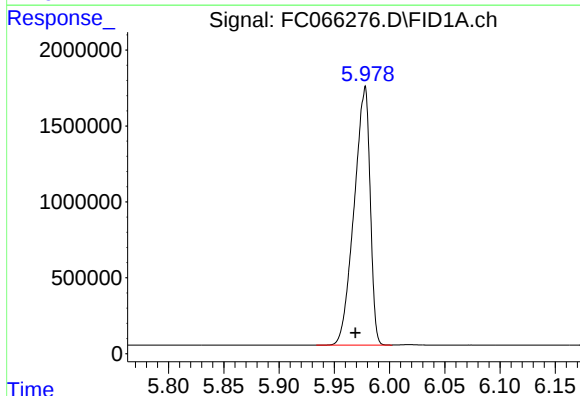
R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 15298176
Conc: 73.29 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



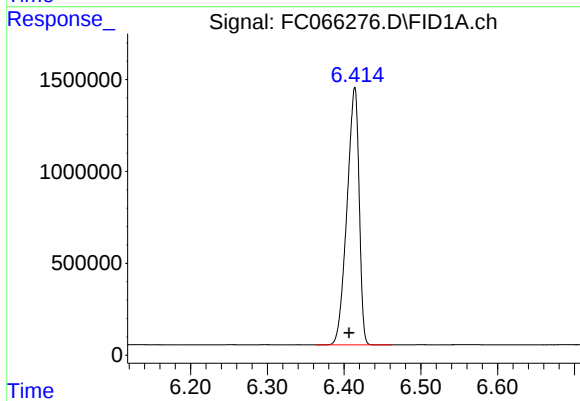
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.006 min
Response: 15523651
Conc: 73.09 ug/ml



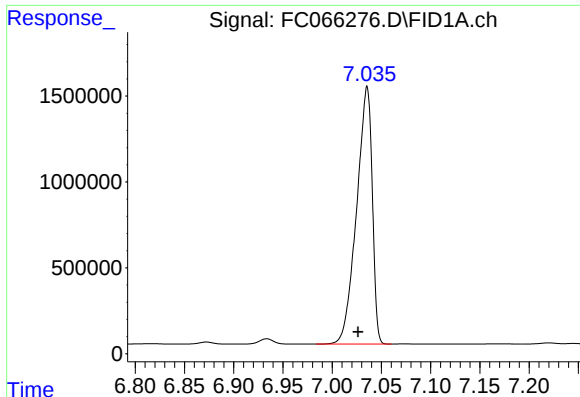
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.008 min
Response: 17163741
Conc: 73.10 ug/ml



#4 n-Dodecane (C12)

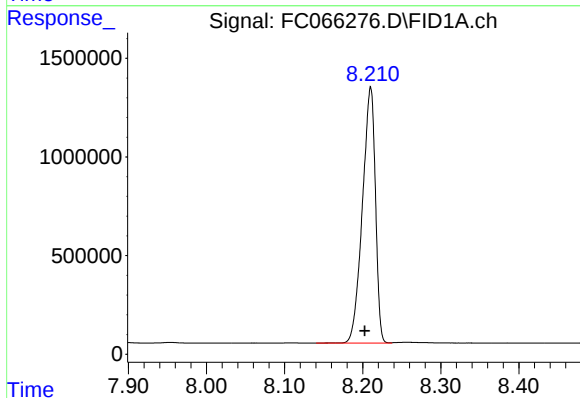
R.T.: 6.413 min
Delta R.T.: 0.007 min
Response: 15392769
Conc: 72.92 ug/ml



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

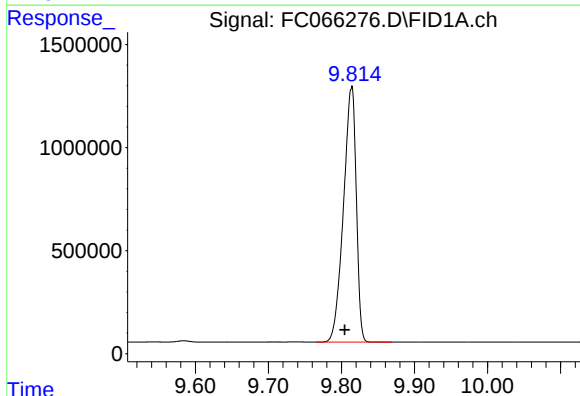
R.T.: 7.035 min
Delta R.T.: 0.009 min
Response: 16584753
Conc: 73.00 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



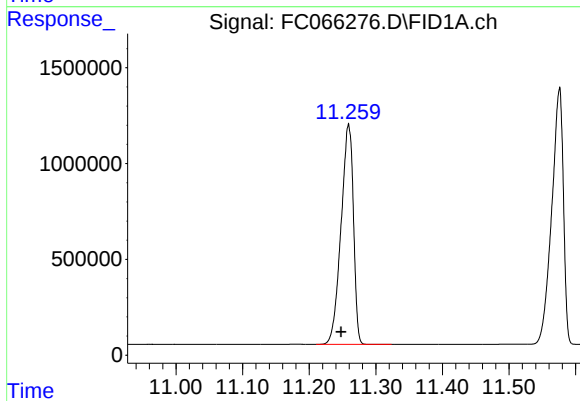
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.007 min
Response: 15009520
Conc: 72.97 ug/ml



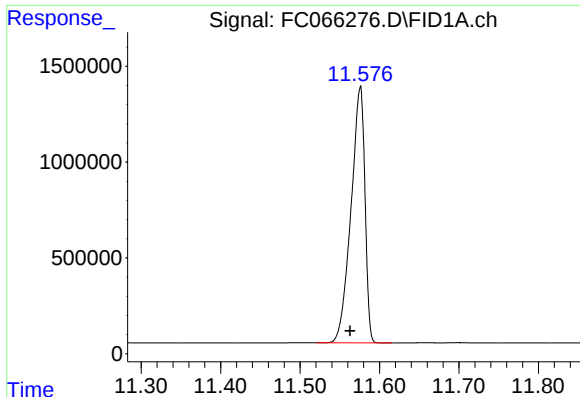
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: 0.009 min
Response: 15090268
Conc: 72.63 ug/ml



#8 n-Octadecane (C18)

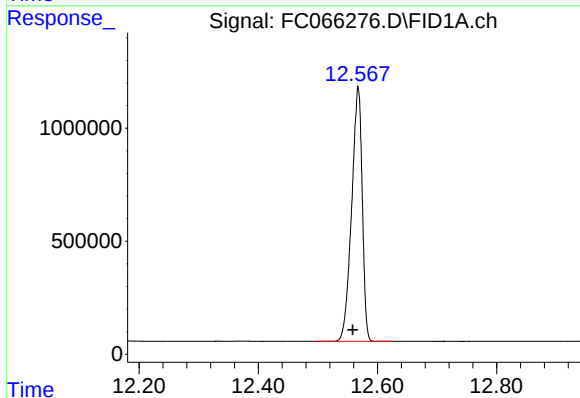
R.T.: 11.259 min
Delta R.T.: 0.011 min
Response: 14819738
Conc: 72.50 ug/ml



#9 ortho-Terphenyl (SURR)

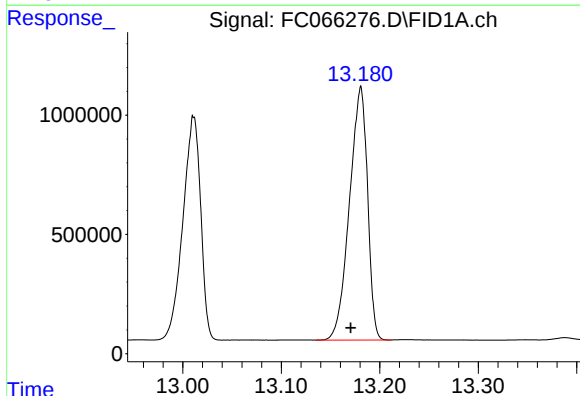
R.T.: 11.575 min
Delta R.T.: 0.012 min
Response: 16255985
Conc: 72.55 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



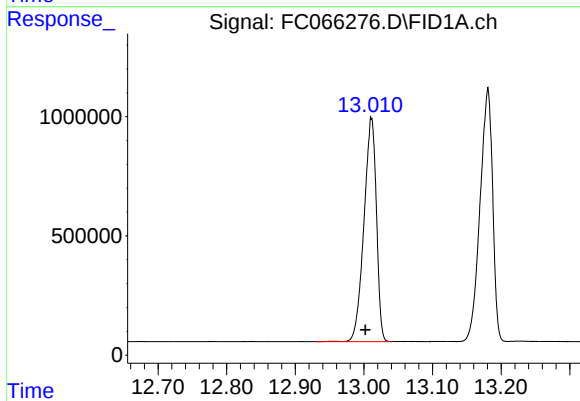
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.009 min
Response: 13869485
Conc: 72.38 ug/ml



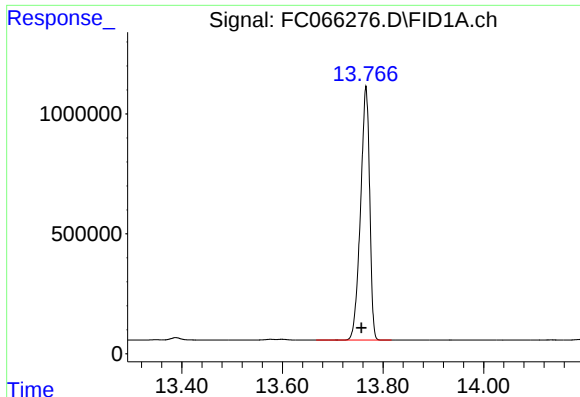
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.010 min
Response: 13510228
Conc: 72.35 ug/ml



#12 1-chlorooctadecane (SURR)

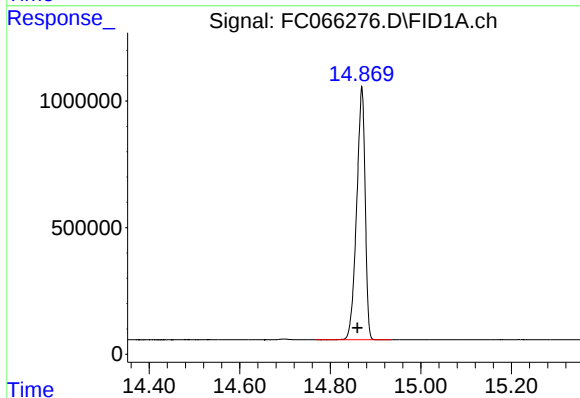
R.T.: 13.011 min
Delta R.T.: 0.009 min
Response: 11817914
Conc: 72.33 ug/ml



#13 n-Docosane (C22)

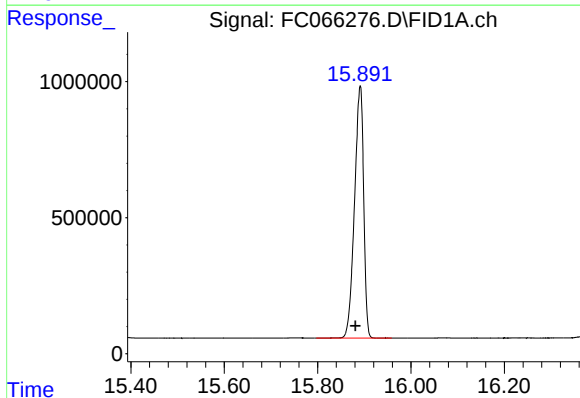
R.T.: 13.766 min
Delta R.T.: 0.009 min
Response: 13298574
Conc: 72.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



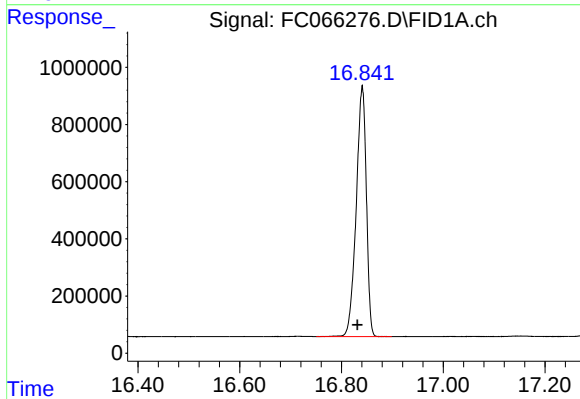
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.009 min
Response: 13011606
Conc: 72.27 ug/ml



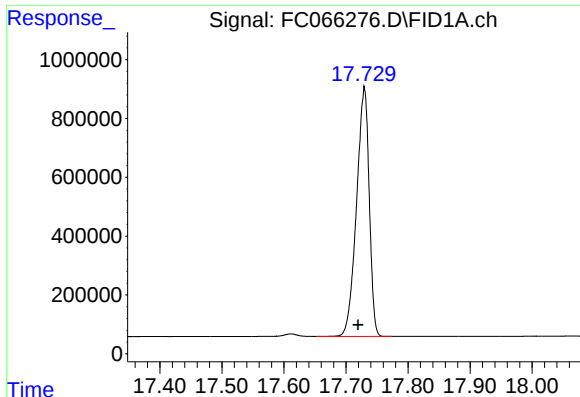
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: 0.010 min
Response: 12585582
Conc: 72.35 ug/ml



#16 n-Octacosane (C28)

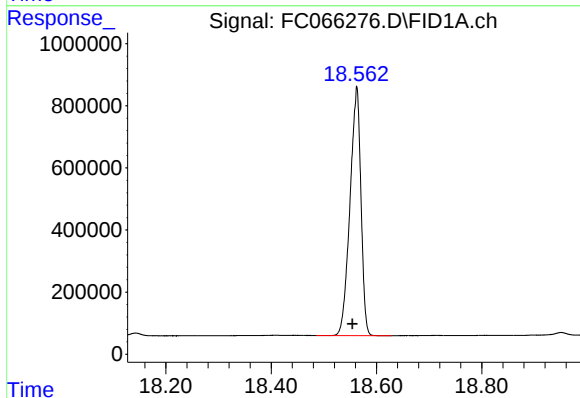
R.T.: 16.841 min
Delta R.T.: 0.009 min
Response: 12127953
Conc: 72.18 ug/ml



#17 n-Tricontane (C30)

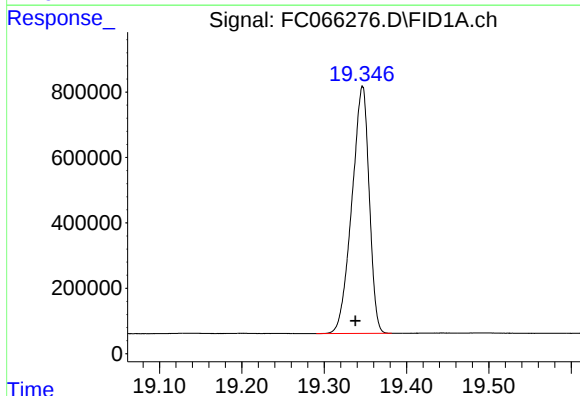
R.T.: 17.729 min
Delta R.T.: 0.010 min
Response: 12031489
Conc: 71.96 ug/ml

Instrument :
FID_C
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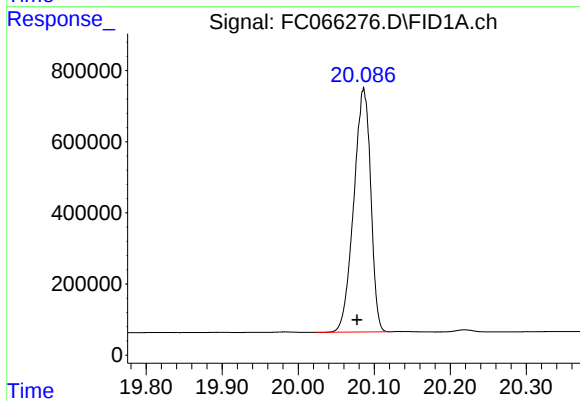
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: 0.008 min
Response: 11538804
Conc: 72.00 ug/ml



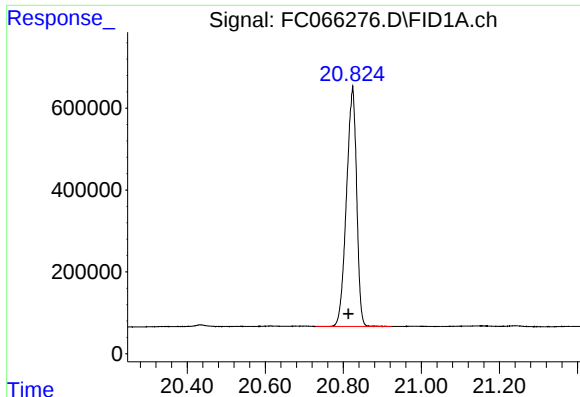
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.008 min
Response: 11051943
Conc: 72.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: 0.008 min
Response: 10589872
Conc: 70.28 ug/ml



#21 n-Octatriacontane (C38)

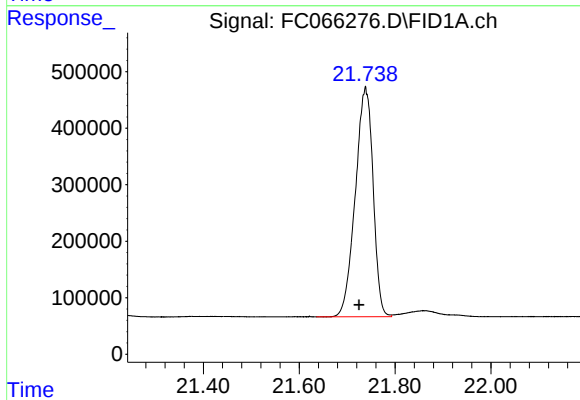
R.T.: 20.823 min
Delta R.T.: 0.011 min
Response: 10544091
Conc: 72.96 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.738 min
Delta R.T.: 0.013 min
Response: 10429450
Conc: 72.90 ug/ml