

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064783.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 08:55
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 10 10:55:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 10:51:22 2023
 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)	11.530	19723693	95.580 ug/ml
Spiked Amount 50.000		Recovery =	191.16%
12) S 1-chlorooctadecane (S...	12.959	14073582	96.032 ug/ml
Spiked Amount 50.000		Recovery =	192.06%
Target Compounds			
1) T n-Nonane (C9)	3.323	17068547	95.904 ug/ml
2) T n-Decane (C10)	4.384	17156032	96.116 ug/ml
3) T A~Naphthalene (C11.7)	5.963	18706372	98.463 ug/ml
4) T n-Dodecane (C12)	6.395	17255841	95.571 ug/ml
5) T A~2-methylnaphthalene...	7.017	18144133	99.912 ug/ml
6) T n-Tetradecane (C14)	8.183	16788881	95.772 ug/ml
7) T n-Hexadecane (C16)	9.777	16702215	95.872 ug/ml
8) T n-Octadecane (C18)	11.215	16499027	95.216 ug/ml
10) T n-Eicosane (C20)	12.517	15739262	95.000 ug/ml
11) T n-Heneicosane (C21)	13.126	15398019	94.844 ug/ml
13) T n-Docosane (C22)	13.709	15114563	95.125 ug/ml
14) T n-Tetracosane (C24)	14.806	14641302	95.342 ug/ml
15) T n-Hexacosane (C26)	15.823	14090516	95.435 ug/ml
16) T n-Octacosane (C28)	16.769	13542846	95.406 ug/ml
17) T n-Tricontane (C30)	17.652	13367653	95.173 ug/ml
18) T n-Dotriacontane (C32)	18.480	13084844	94.772 ug/ml
19) T n-Tetratriacontane (C34)	19.260	12725689	94.507 ug/ml
20) T n-Hexatriacontane (C36)	19.996	12567587	94.524 ug/ml
21) T n-Octatriacontane (C38)	20.718	12197438	94.658 ug/ml
22) T n-Tetracontane (C40)	21.601	11347178	93.605 ug/ml

(f)=RT Delta > 1/2 Window

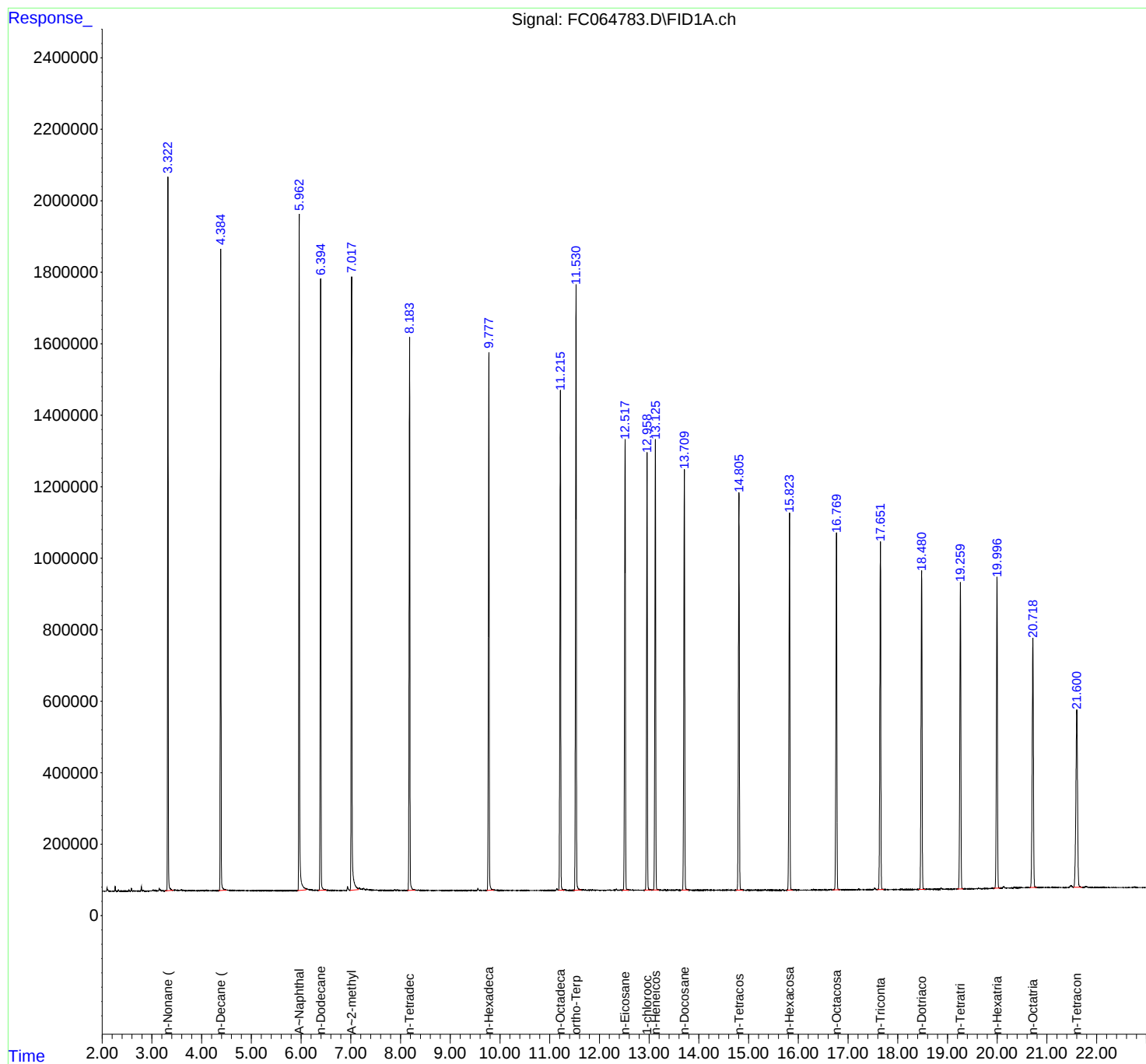
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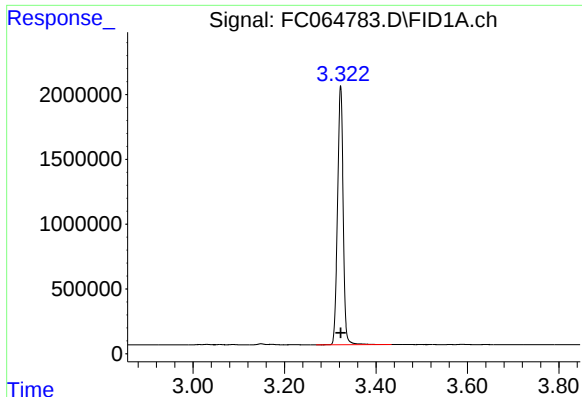
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#1 n-Nonane (C9)

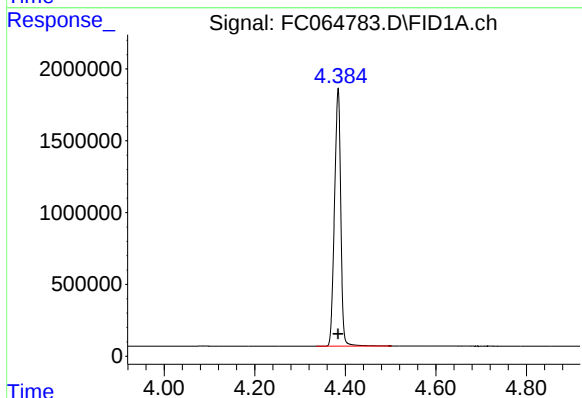
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 17068547
Conc: 95.90 ug/ml

Instrument :

FID_C

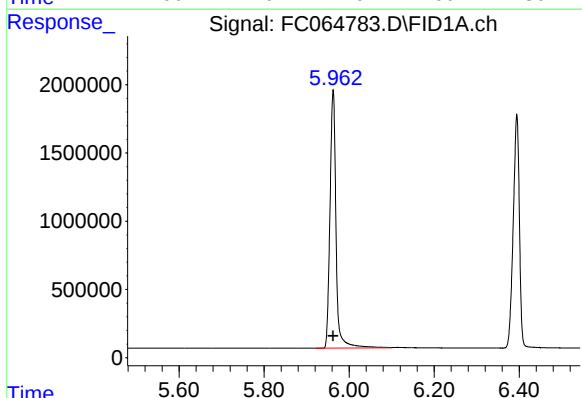
ClientSampleId :

100 PPM ALIPHATIC HC STD1



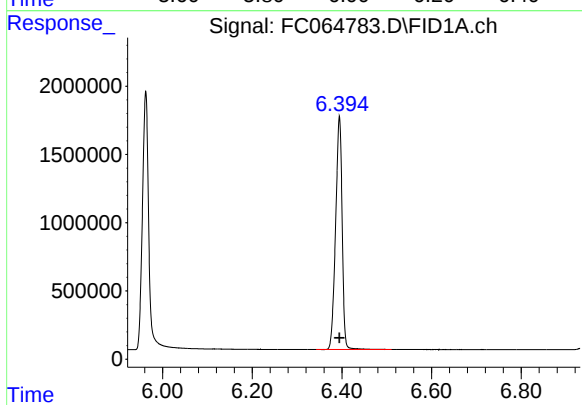
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: 0.000 min
Response: 17156032
Conc: 96.12 ug/ml



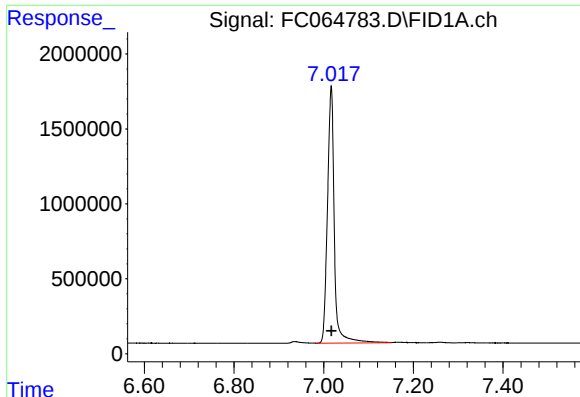
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 18706372
Conc: 98.46 ug/ml



#4 n-Dodecane (C12)

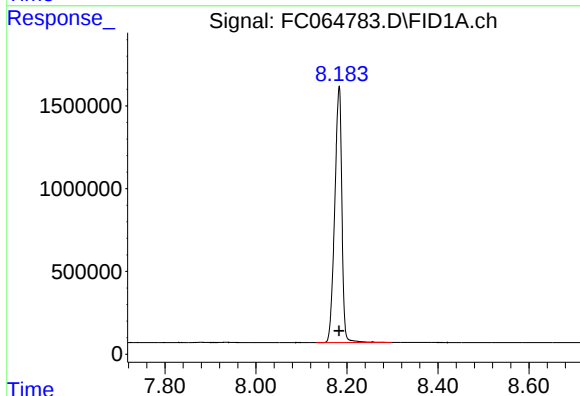
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 17255841
Conc: 95.57 ug/ml



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

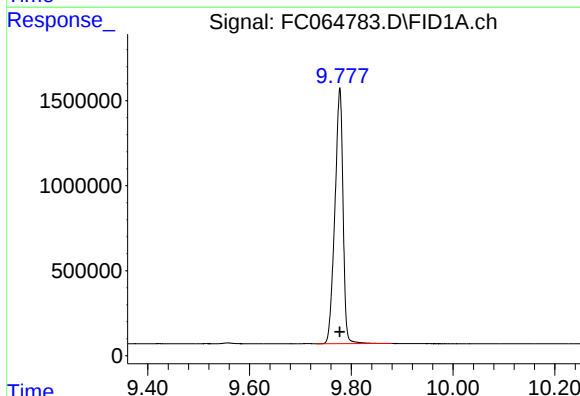
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 18144133
Conc: 99.91 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



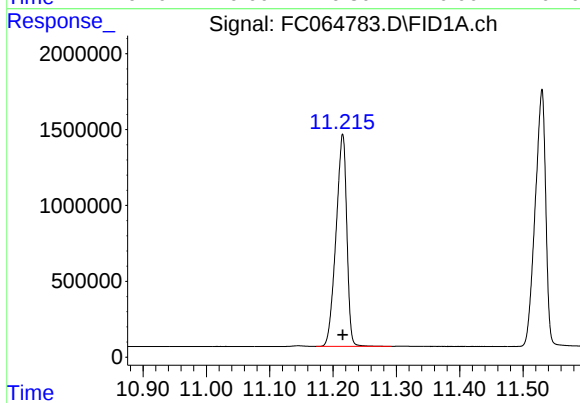
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 16788881
Conc: 95.77 ug/ml



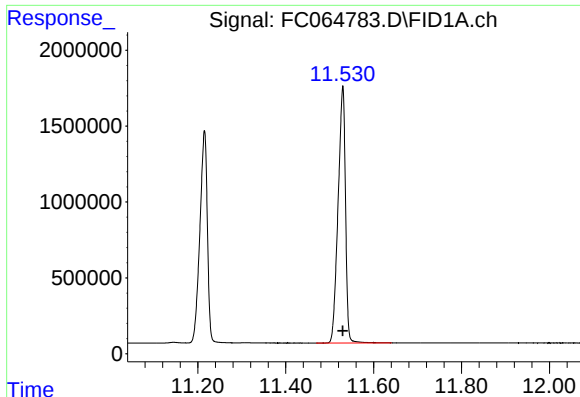
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 16702215
Conc: 95.87 ug/ml



#8 n-Octadecane (C18)

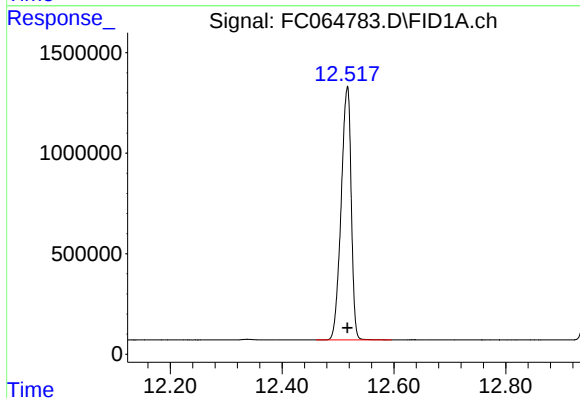
R.T.: 11.215 min
Delta R.T.: 0.000 min
Response: 16499027
Conc: 95.22 ug/ml



#9 ortho-Terphenyl (SURR)

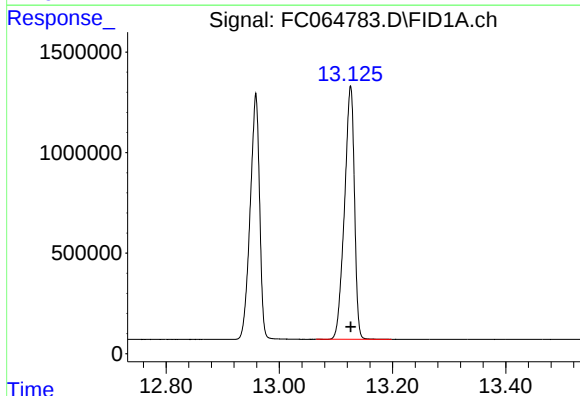
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 19723693
Conc: 95.58 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



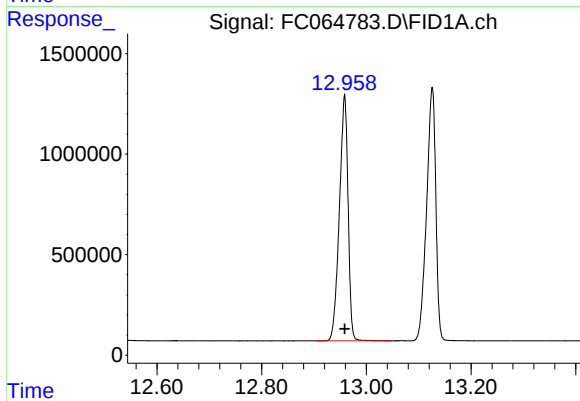
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: 0.000 min
Response: 15739262
Conc: 95.00 ug/ml



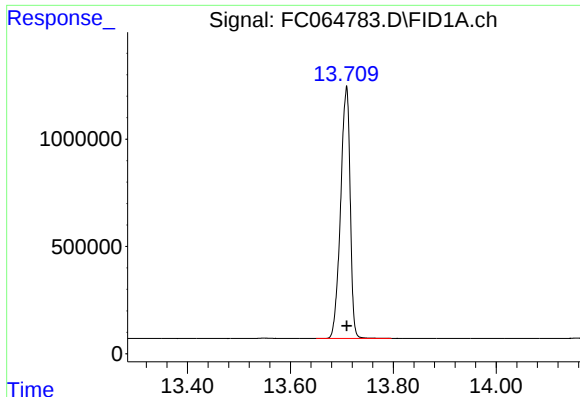
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: 0.000 min
Response: 15398019
Conc: 94.84 ug/ml



#12 1-chlorooctadecane (SURR)

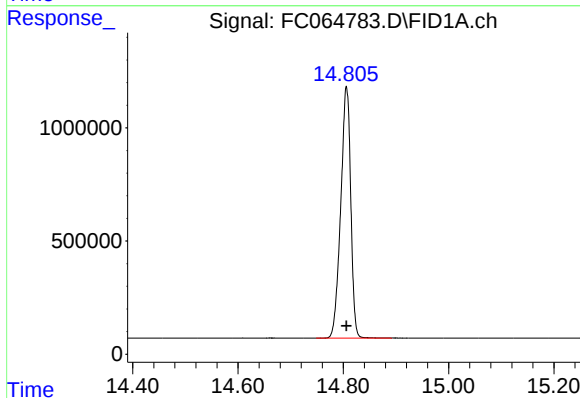
R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 14073582
Conc: 96.03 ug/ml



#13 n-Docosane (C22)

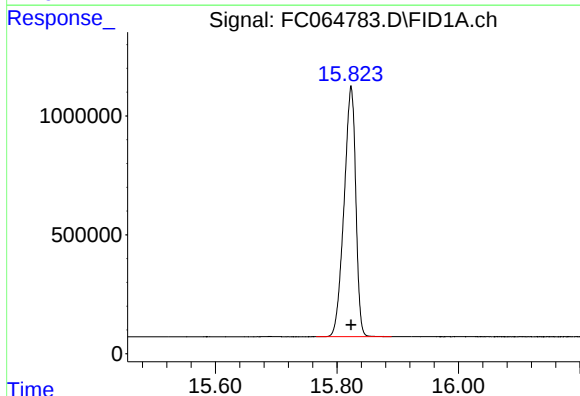
R.T.: 13.709 min
Delta R.T.: 0.000 min
Response: 15114563
Conc: 95.12 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



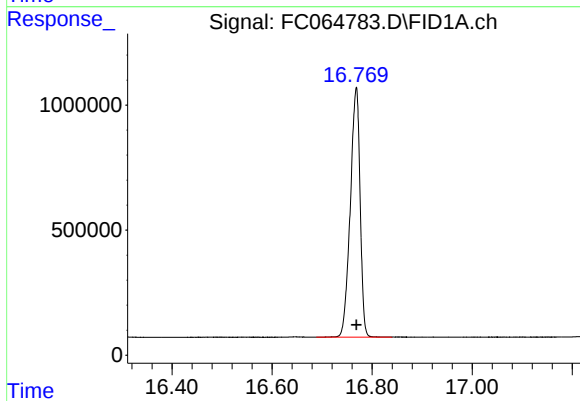
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 14641302
Conc: 95.34 ug/ml



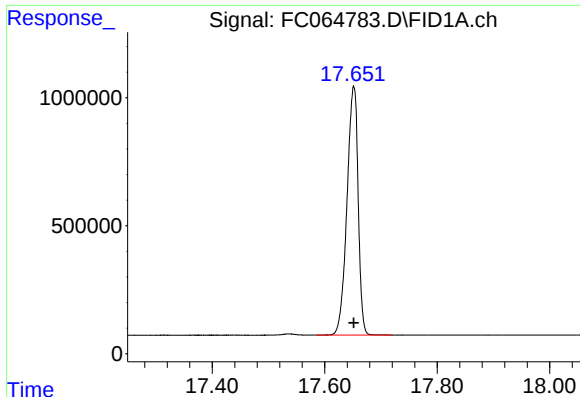
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: 0.000 min
Response: 14090516
Conc: 95.43 ug/ml



#16 n-Octacosane (C28)

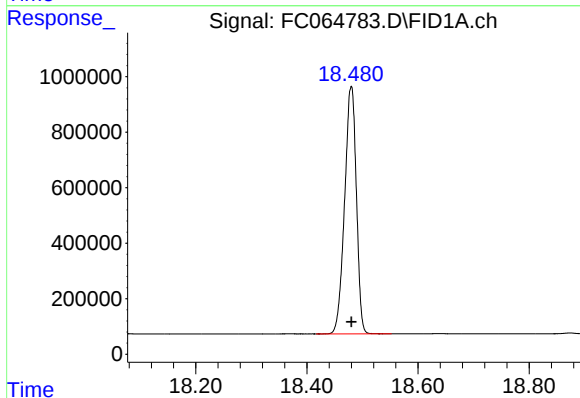
R.T.: 16.769 min
Delta R.T.: 0.000 min
Response: 13542846
Conc: 95.41 ug/ml



#17 n-Tricontane (C30)

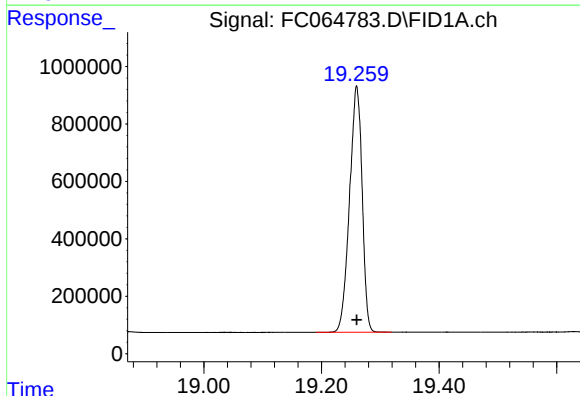
R.T.: 17.652 min
Delta R.T.: 0.000 min
Response: 13367653
Conc: 95.17 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



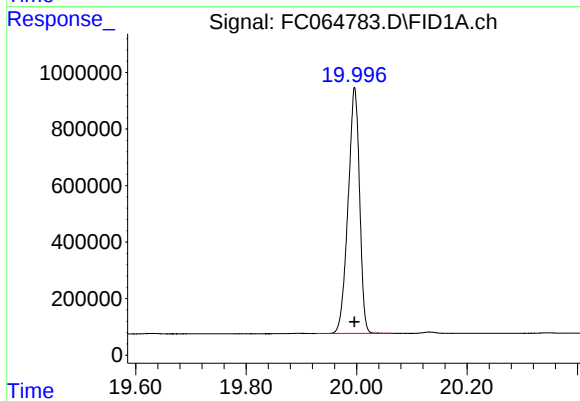
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.000 min
Response: 13084844
Conc: 94.77 ug/ml



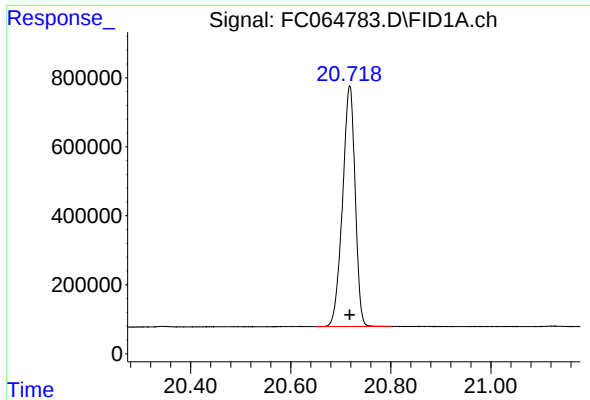
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 12725689
Conc: 94.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.996 min
Delta R.T.: 0.000 min
Response: 12567587
Conc: 94.52 ug/ml



#21 n-Octatriacontane (C38)

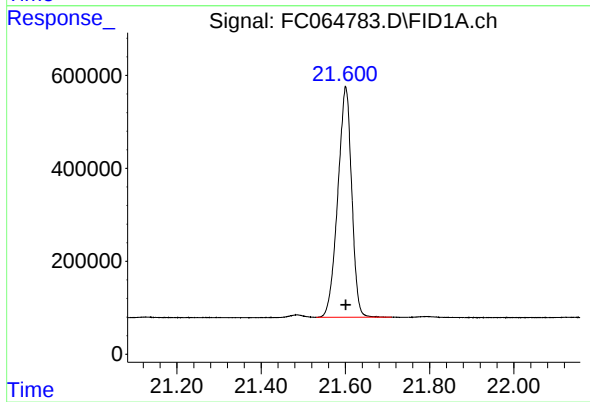
R.T.: 20.718 min
Delta R.T.: 0.000 min
Response: 12197438
Conc: 94.66 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.000 min
Response: 11347178
Conc: 93.60 ug/ml