

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC066994.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 12:40
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 12 14:40:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 14:38:28 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)	11.519	13819340	94.160 ug/ml
Spiked Amount 50.000		Recovery =	188.32%
12) S 1-chlorooctadecane (S...	12.955	10190426	95.538 ug/ml
Spiked Amount 50.000		Recovery =	191.08%
Target Compounds			
1) T n-Nonane (C9)	3.282	13245799	93.567 ug/ml
2) T n-Decane (C10)	4.350	13545209	93.615 ug/ml
3) T A~Naphthalene (C11.7)	5.931	14576936	94.407 ug/ml
4) T n-Dodecane (C12)	6.369	13586242	93.731 ug/ml
5) T A~2-methylnaphthalene...	6.988	13875174	94.550 ug/ml
6) T n-Tetradecane (C14)	8.163	13190672	93.793 ug/ml
7) T n-Hexadecane (C16)	9.764	13454058	94.184 ug/ml
8) T n-Octadecane (C18)	11.206	13339112	94.032 ug/ml
10) T n-Eicosane (C20)	12.514	12537184	94.231 ug/ml
11) T n-Heneicosane (C21)	13.125	12226746	94.403 ug/ml
13) T n-Docosane (C22)	13.711	12045787	94.456 ug/ml
14) T n-Tetracosane (C24)	14.812	11862093	94.543 ug/ml
15) T n-Hexacosane (C26)	15.833	11610145	94.920 ug/ml
16) T n-Octacosane (C28)	16.782	11379537	94.997 ug/ml
17) T n-Tricontane (C30)	17.669	11523131	95.247 ug/ml
18) T n-Dotriacontane (C32)	18.501	11283596	95.293 ug/ml
19) T n-Tetratriacontane (C34)	19.283	10950484	95.281 ug/ml
20) T n-Hexatriacontane (C36)	20.022	10453267	96.452 ug/ml
21) T n-Octatriacontane (C38)	20.748	9999114	95.798 ug/ml
22) T n-Tetracontane (C40)	21.644	9166341	94.588 ug/ml

(f)=RT Delta > 1/2 Window

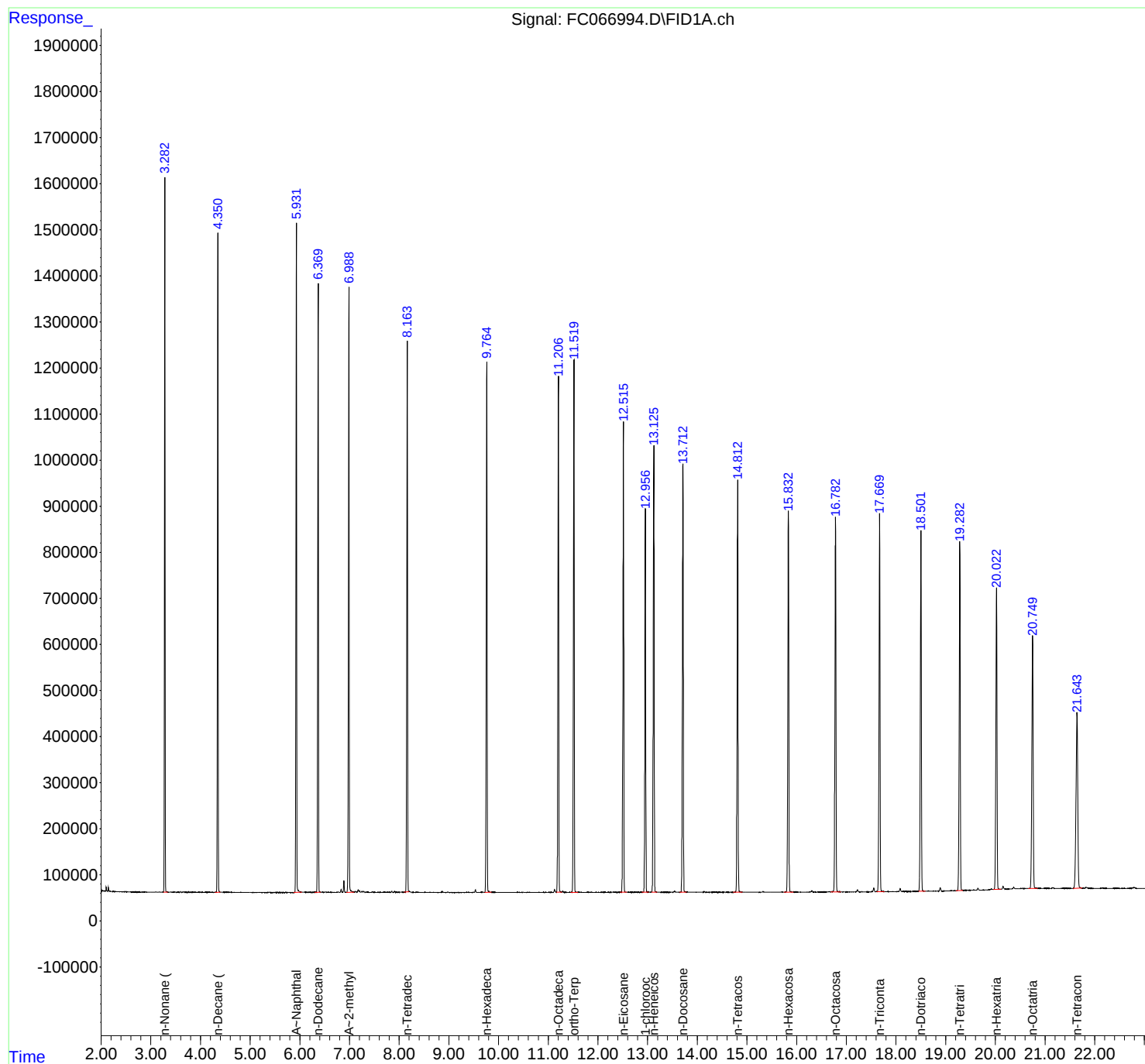
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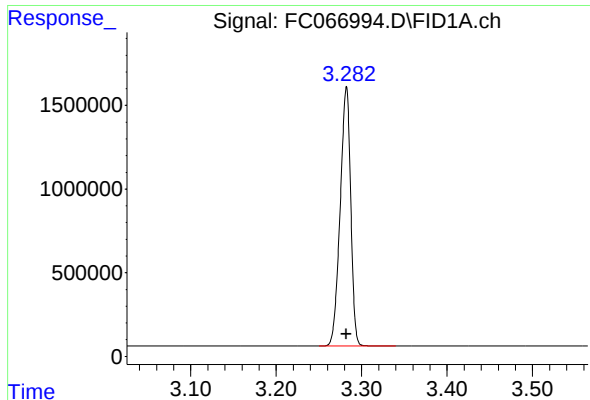
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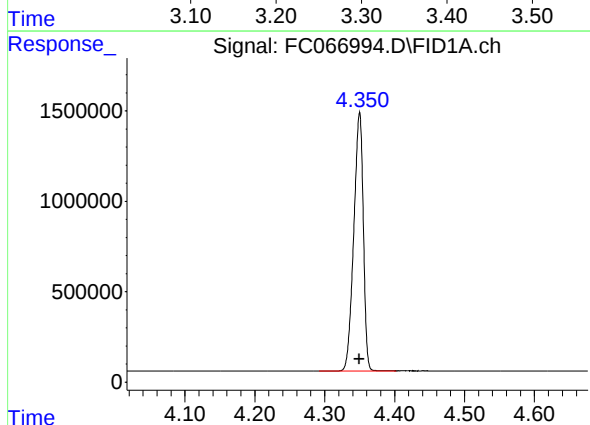




#1 n-Nonane (C9)

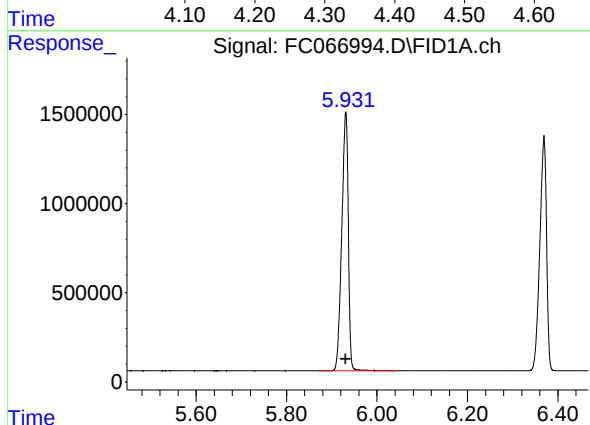
R.T.: 3.282 min
Delta R.T.: 0.000 min
Response: 13245799
Conc: 93.57 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



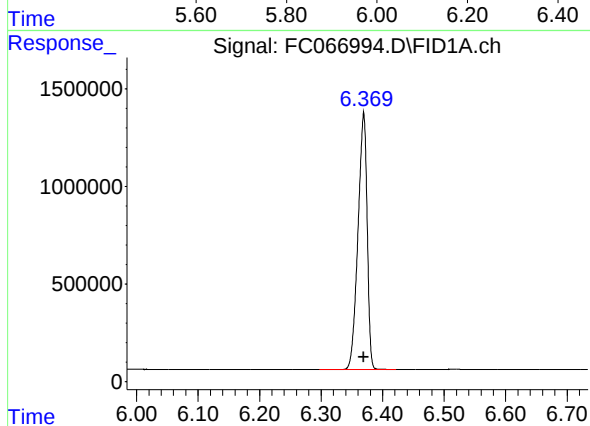
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 13545209
Conc: 93.61 ug/ml



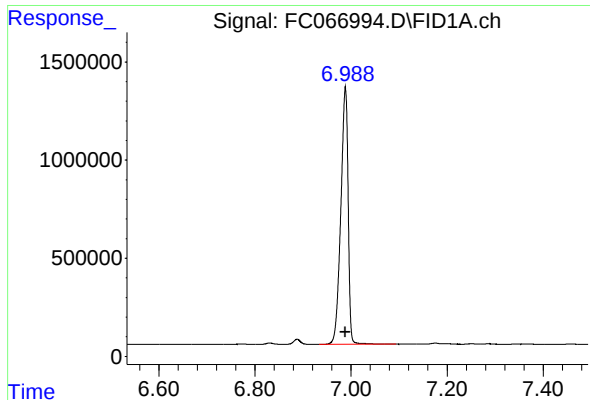
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 14576936
Conc: 94.41 ug/ml



#4 n-Dodecane (C12)

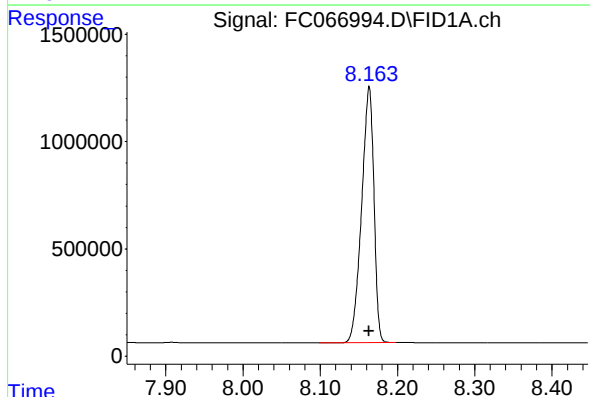
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 13586242
Conc: 93.73 ug/ml



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

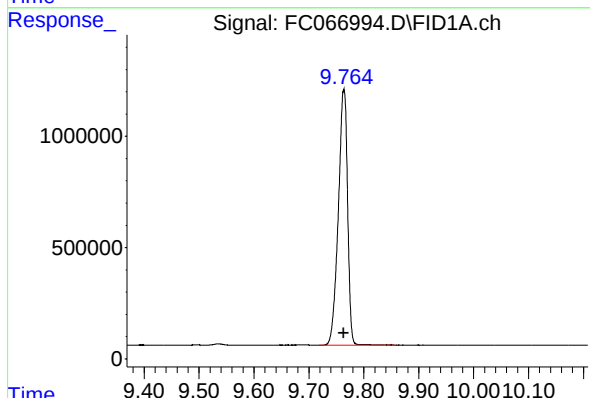
R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 13875174
Conc: 94.55 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



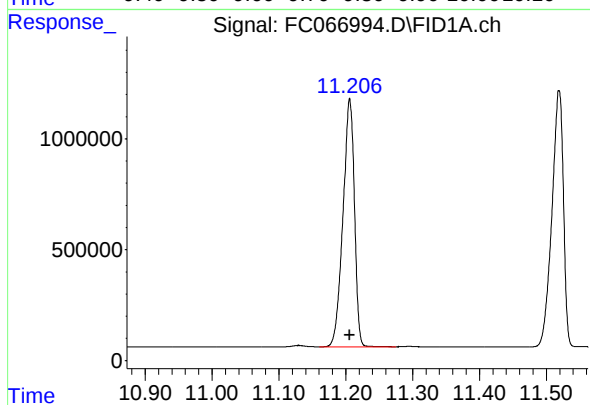
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 13190672
Conc: 93.79 ug/ml



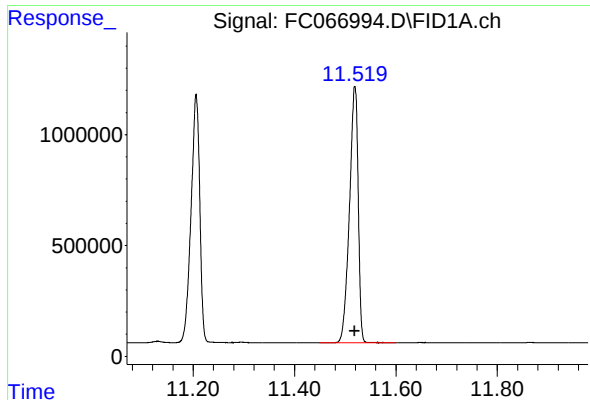
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 13454058
Conc: 94.18 ug/ml



#8 n-Octadecane (C18)

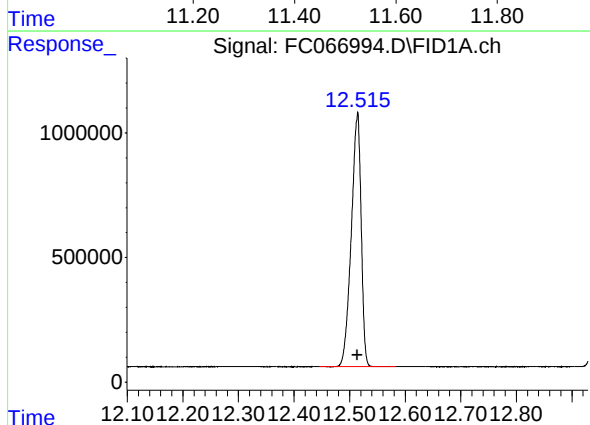
R.T.: 11.206 min
Delta R.T.: 0.000 min
Response: 13339112
Conc: 94.03 ug/ml



#9 ortho-Terphenyl (SURR)

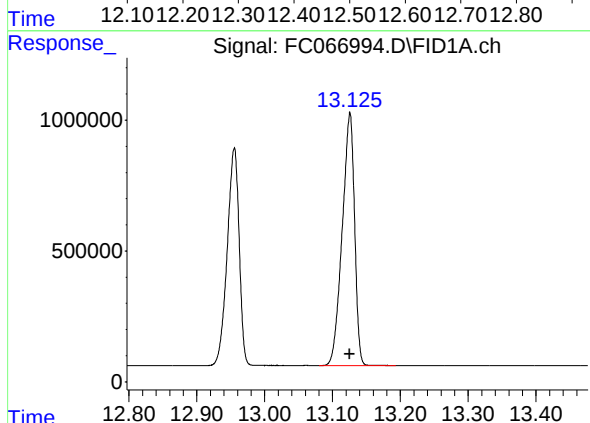
R.T.: 11.519 min
Delta R.T.: 0.000 min
Response: 13819340
Conc: 94.16 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



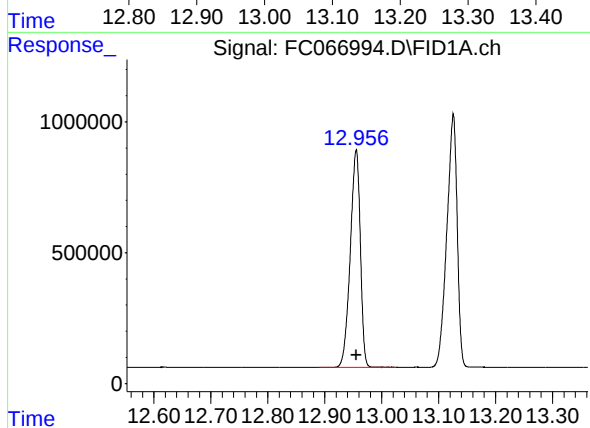
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.000 min
Response: 12537184
Conc: 94.23 ug/ml



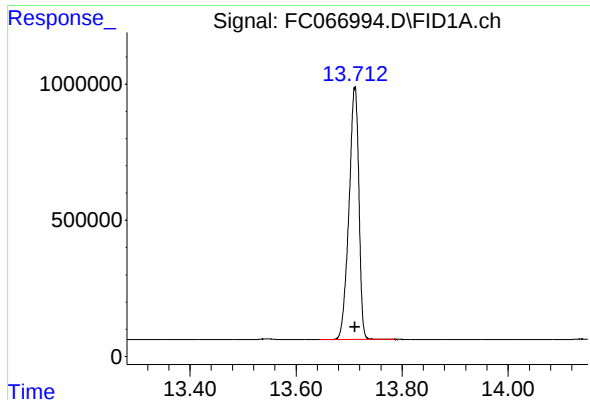
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: 0.000 min
Response: 12226746
Conc: 94.40 ug/ml



#12 1-chlorooctadecane (SURR)

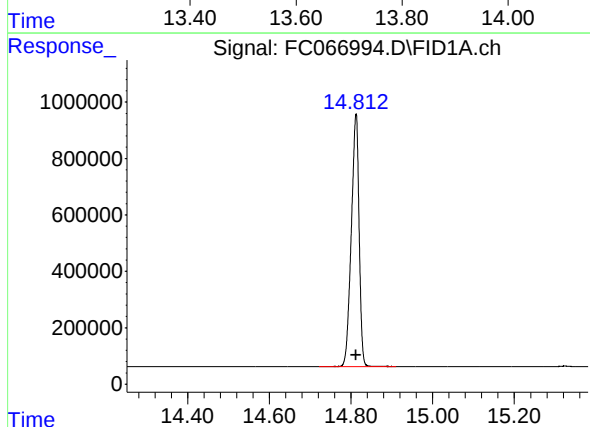
R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 10190426
Conc: 95.54 ug/ml



#13 n-Docosane (C22)

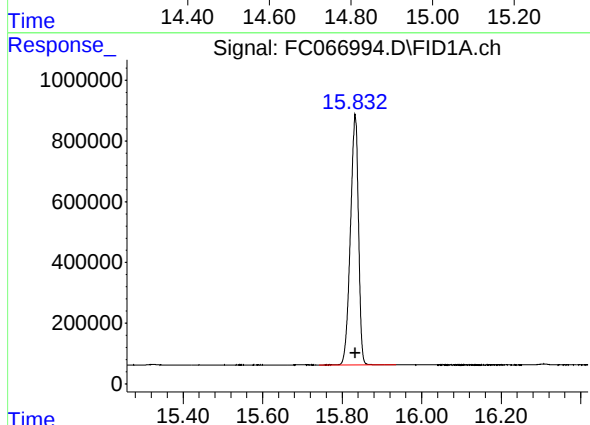
R.T.: 13.711 min
Delta R.T.: 0.000 min
Response: 12045787
Conc: 94.46 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



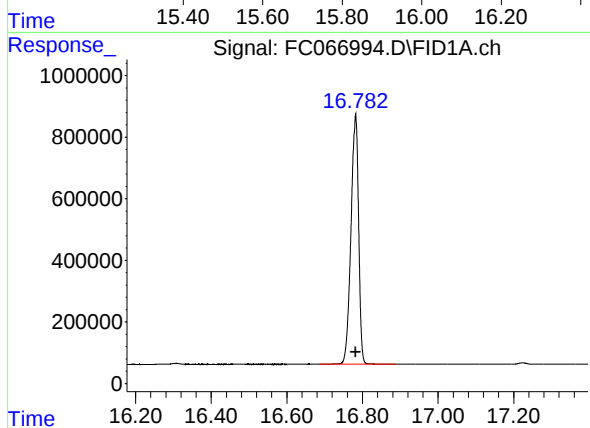
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 11862093
Conc: 94.54 ug/ml



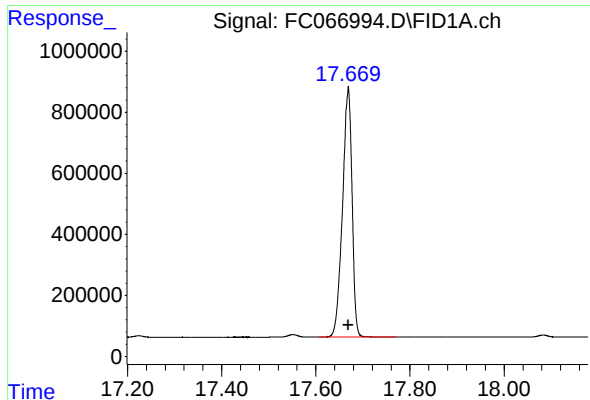
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.000 min
Response: 11610145
Conc: 94.92 ug/ml



#16 n-Octacosane (C28)

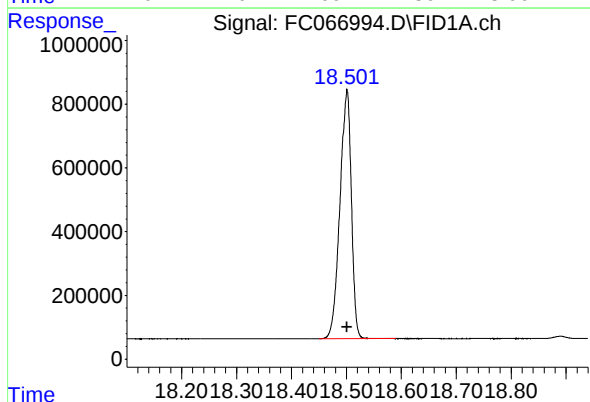
R.T.: 16.782 min
Delta R.T.: 0.000 min
Response: 11379537
Conc: 95.00 ug/ml



#17 n-Tricontane (C30)

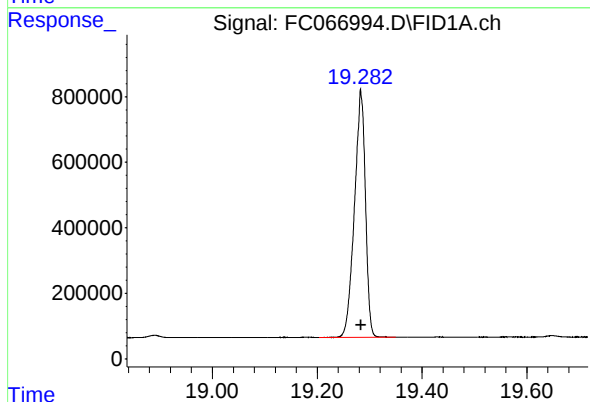
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 11523131
Conc: 95.25 ug/ml

Instrument :
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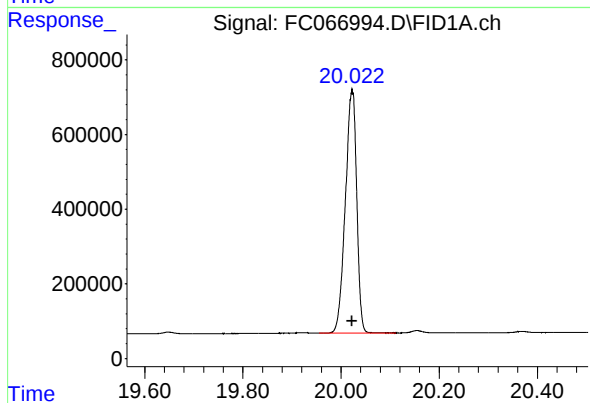
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.000 min
Response: 11283596
Conc: 95.29 ug/ml



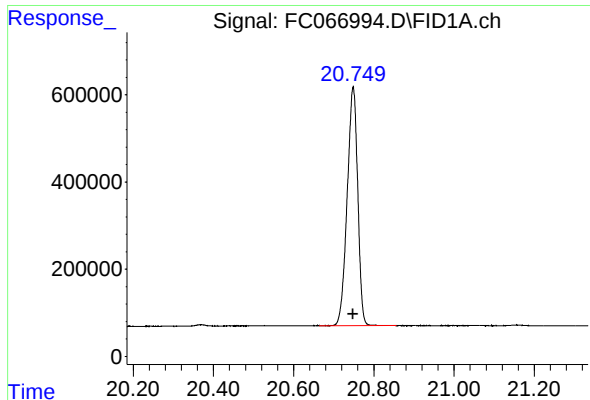
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.000 min
Response: 10950484
Conc: 95.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 10453267
Conc: 96.45 ug/ml



#21 n-Octatriacontane (C38)

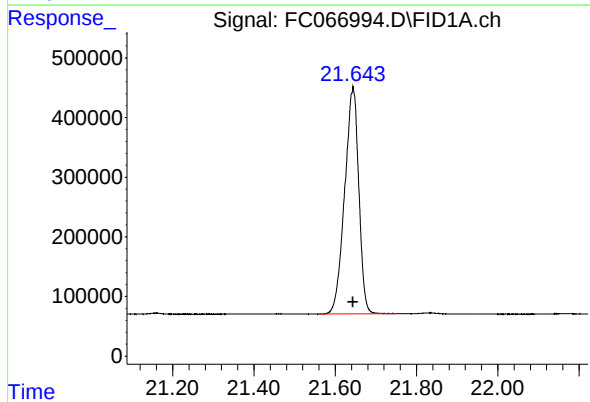
R.T.: 20.748 min
Delta R.T.: 0.000 min
Response: 9999114
Conc: 95.80 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.644 min
Delta R.T.: 0.000 min
Response: 9166341
Conc: 94.59 ug/ml