

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
 Data File : FC062569.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 19:18
 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: Jan 05 04:48:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:47:27 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)	11.568	12817357	93.002 ug/ml
Spiked Amount 50.000		Recovery =	186.00%
12) S 1-chlorooctadecane (S...	13.004	9691815	93.980 ug/ml
Spiked Amount 50.000		Recovery =	187.96%
Target Compounds			
1) T n-Nonane (C9)	3.318	12409031	95.738 ug/ml
2) T n-Decane (C10)	4.387	12120400	96.332 ug/ml
3) T A~Naphthalene (C11.7)	5.974	13804215	96.700 ug/ml
4) T n-Dodecane (C12)	6.410	12094522	97.724 ug/ml
5) T A~2-methylnaphthalene...	7.033	12922928	96.711 ug/ml
6) T n-Tetradecane (C14)	8.207	11930700	95.392 ug/ml
7) T n-Hexadecane (C16)	9.809	11913462	94.810 ug/ml
8) T n-Octadecane (C18)	11.253	11806234	93.601 ug/ml
10) T n-Eicosane (C20)	12.561	11232447	93.462 ug/ml
11) T n-Heneicosane (C21)	13.173	11141984	93.029 ug/ml
13) T n-Docosane (C22)	13.757	10900045	93.425 ug/ml
14) T n-Tetracosane (C24)	14.859	10606862	92.966 ug/ml
15) T n-Hexacosane (C26)	15.879	10200326	92.943 ug/ml
16) T n-Octacosane (C28)	16.827	9939046	93.050 ug/ml
17) T n-Tricontane (C30)	17.711	9742790	92.411 ug/ml
18) T n-Dotriacontane (C32)	18.541	9746243	92.132 ug/ml
19) T n-Tetratriacontane (C34)	19.324	9731998	92.244 ug/ml
20) T n-Hexatriacontane (C36)	20.062	9438642	83.287 ug/ml
21) T n-Octatriacontane (C38)	20.795	9538401	92.957 ug/ml
22) T n-Tetracontane (C40)	21.702	9613133	92.443 ug/ml

(f)=RT Delta > 1/2 Window

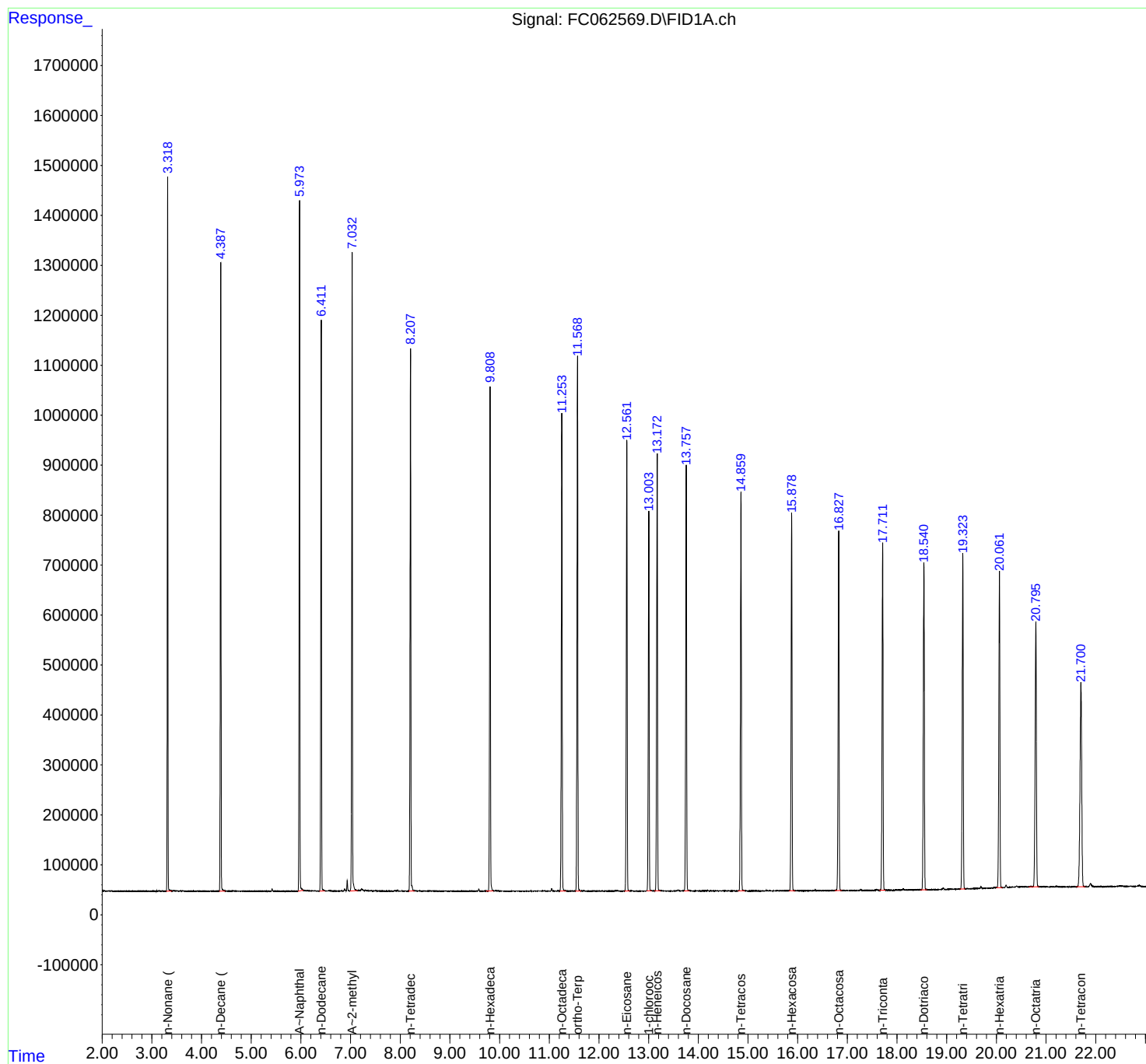
(m)=manual int.

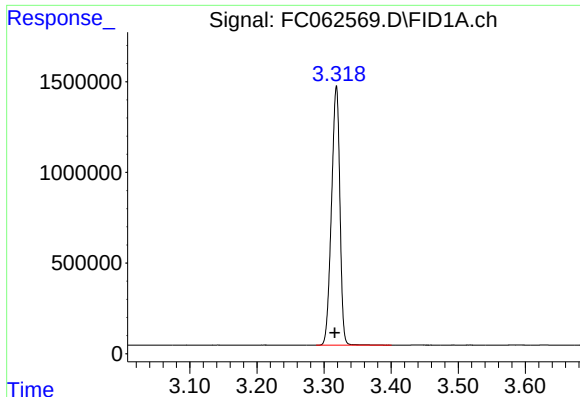
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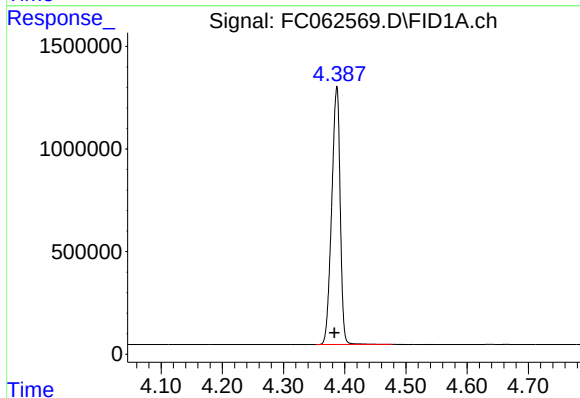




#1 n-Nonane (C9)

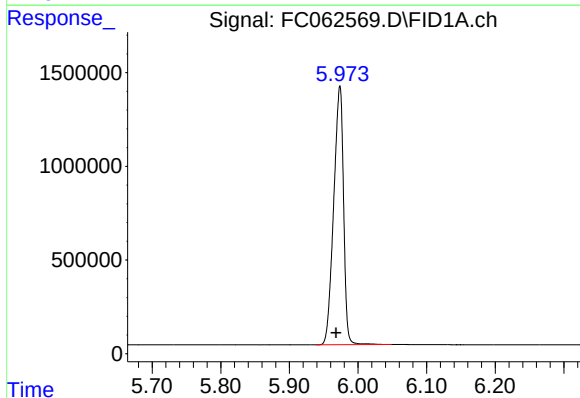
R.T.: 3.318 min
Delta R.T.: 0.002 min
Response: 12409031
Conc: 95.74 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



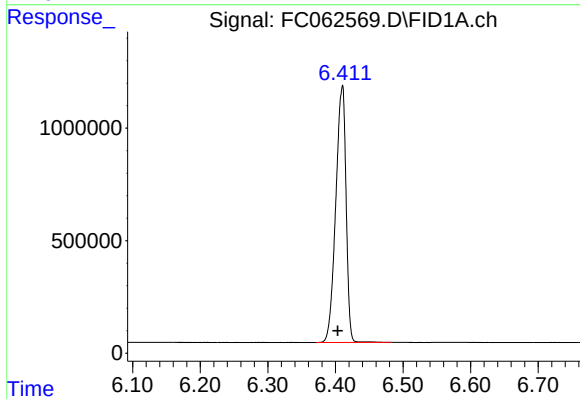
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.004 min
Response: 12120400
Conc: 96.33 ug/ml



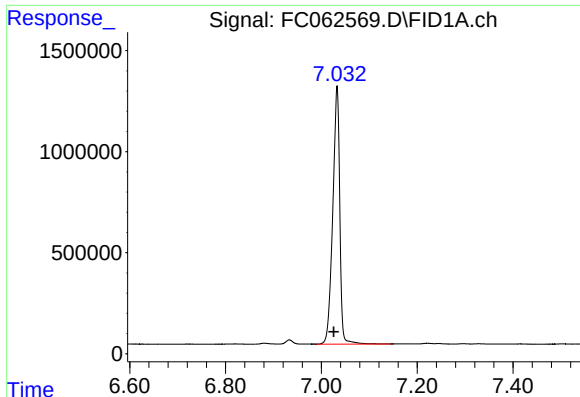
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: 0.006 min
Response: 13804215
Conc: 96.70 ug/ml



#4 n-Dodecane (C12)

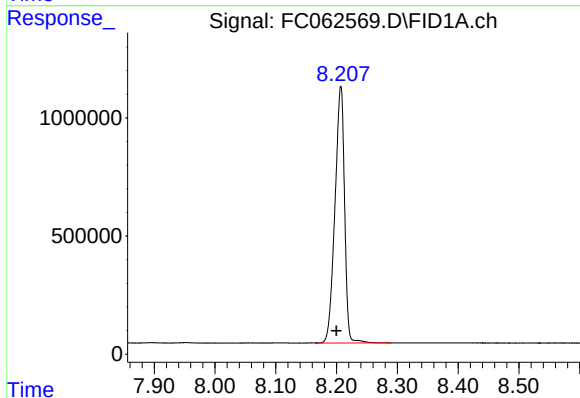
R.T.: 6.410 min
Delta R.T.: 0.007 min
Response: 12094522
Conc: 97.72 ug/ml



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

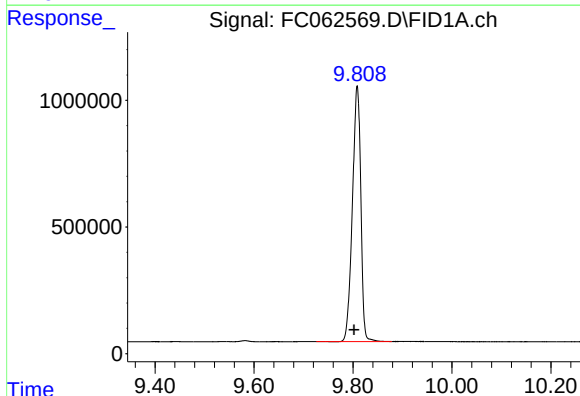
R.T.: 7.033 min
Delta R.T.: 0.007 min
Response: 12922928
Conc: 96.71 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



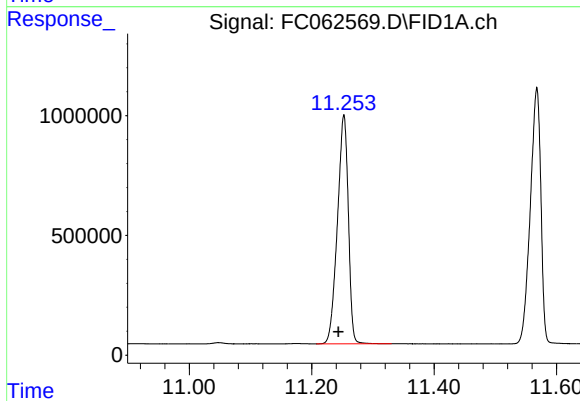
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: 0.007 min
Response: 11930700
Conc: 95.39 ug/ml



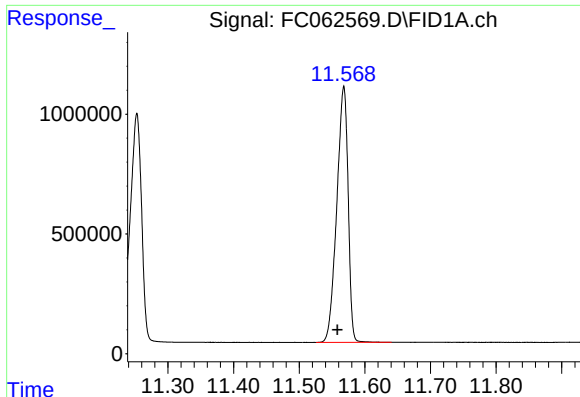
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: 0.007 min
Response: 11913462
Conc: 94.81 ug/ml



#8 n-Octadecane (C18)

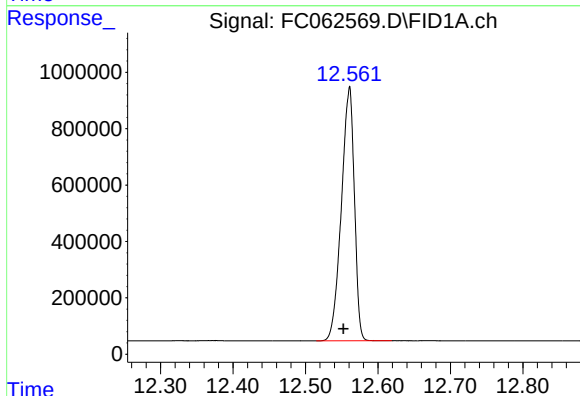
R.T.: 11.253 min
Delta R.T.: 0.009 min
Response: 11806234
Conc: 93.60 ug/ml



#9 ortho-Terphenyl (SURR)

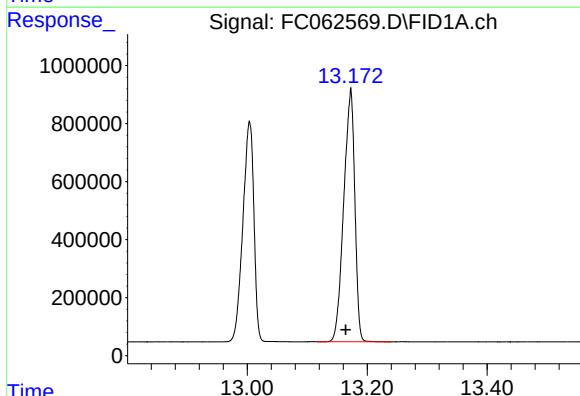
R.T.: 11.568 min
Delta R.T.: 0.010 min
Response: 12817357
Conc: 93.00 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



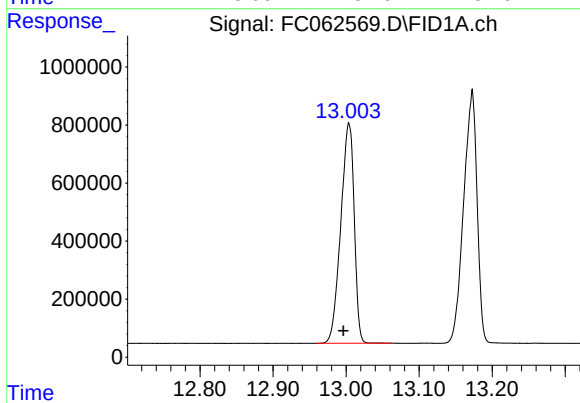
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: 0.008 min
Response: 11232447
Conc: 93.46 ug/ml



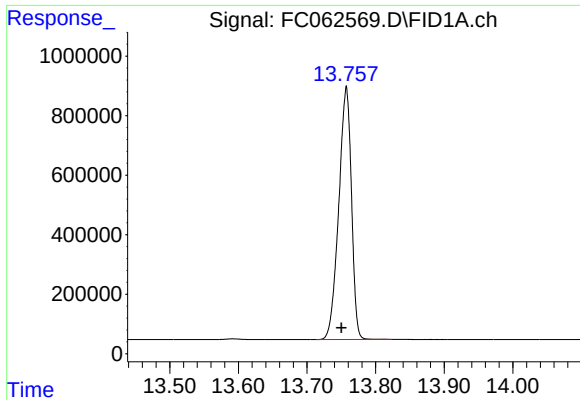
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: 0.008 min
Response: 11141984
Conc: 93.03 ug/ml



#12 1-chlorooctadecane (SURR)

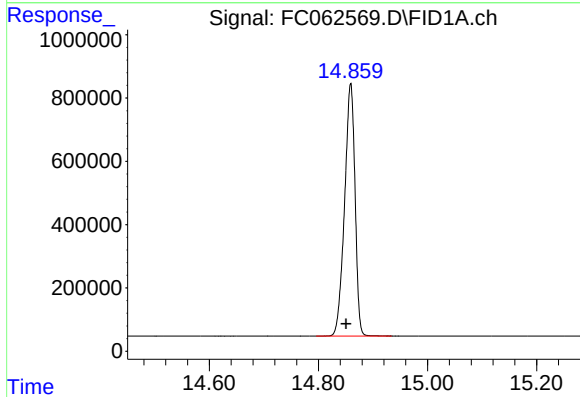
R.T.: 13.004 min
Delta R.T.: 0.007 min
Response: 9691815
Conc: 93.98 ug/ml



#13 n-Docosane (C22)

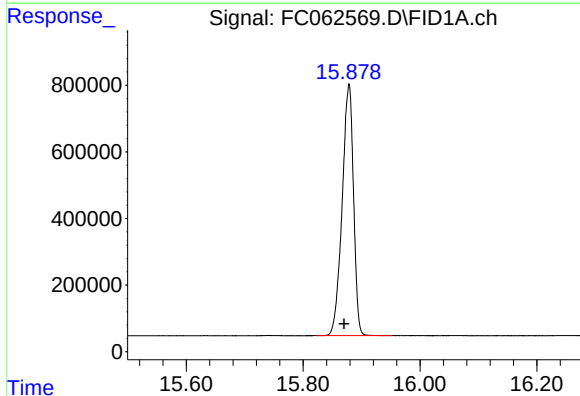
R.T.: 13.757 min
Delta R.T.: 0.007 min
Response: 10900045
Conc: 93.43 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



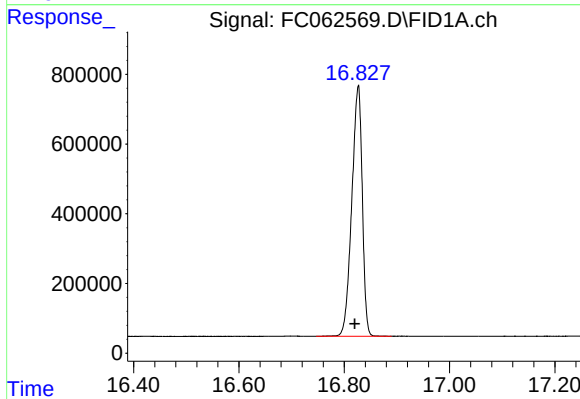
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.008 min
Response: 10606862
Conc: 92.97 ug/ml



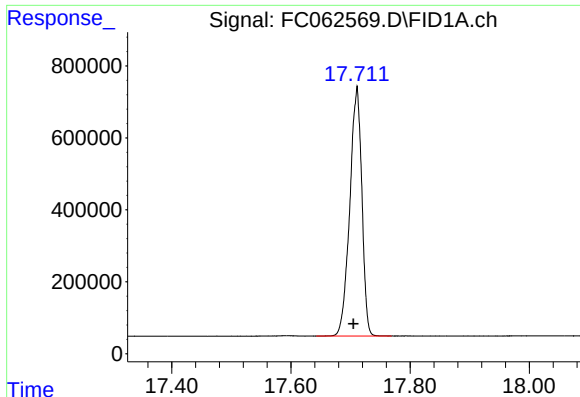
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: 0.008 min
Response: 10200326
Conc: 92.94 ug/ml



#16 n-Octacosane (C28)

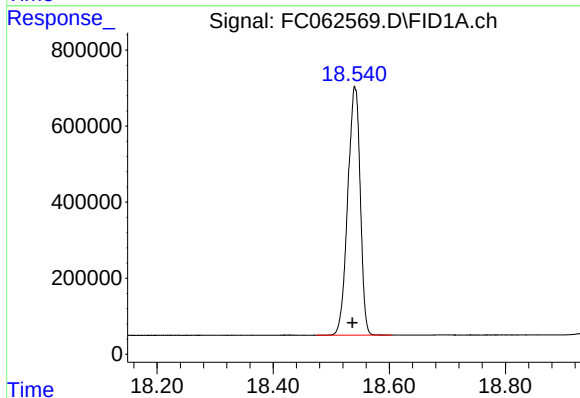
R.T.: 16.827 min
Delta R.T.: 0.007 min
Response: 9939046
Conc: 93.05 ug/ml



#17 n-Tricontane (C30)

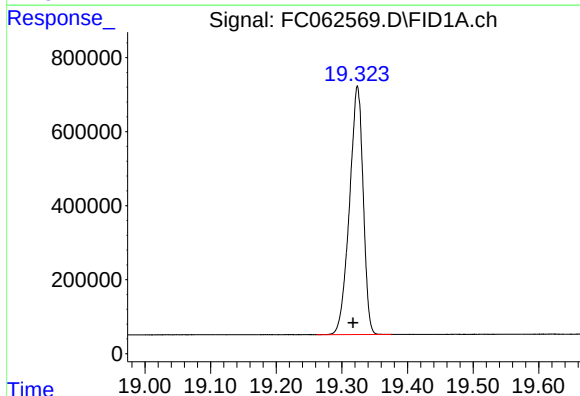
R.T.: 17.711 min
Delta R.T.: 0.006 min
Response: 9742790
Conc: 92.41 ug/ml

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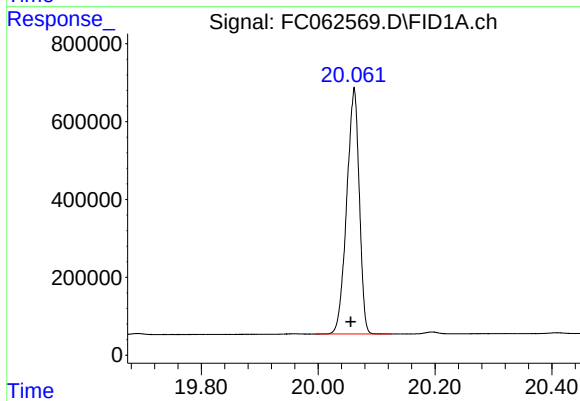
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: 0.005 min
Response: 9746243
Conc: 92.13 ug/ml



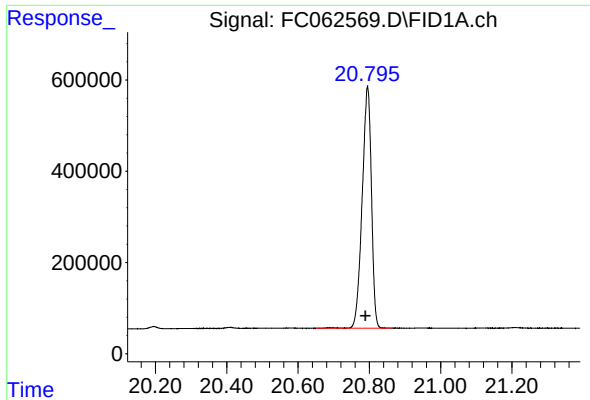
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.006 min
Response: 9731998
Conc: 92.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: 0.006 min
Response: 9438642
Conc: 83.29 ug/ml



#21 n-Octatriacontane (C38)

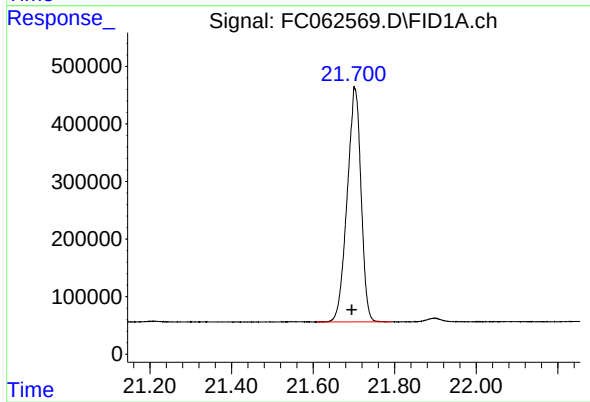
R.T.: 20.795 min
Delta R.T.: 0.007 min
Response: 9538401
Conc: 92.96 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.007 min
Response: 9613133
Conc: 92.44 ug/ml