

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102022AL\
 Data File : FC061855.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2022 09:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 20 14:50:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.582	3160281	21.261 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
12) S 1-chlorooctadecane (S...	13.019	2494139	21.409 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
Target Compounds			
1) T n-Nonane (C9)	3.342	2891440	20.556 ug/ml
2) T n-Decane (C10)	4.409	2929617	20.523 ug/ml
3) T A~Naphthalene (C11.7)	5.993	3178440	20.592 ug/ml
4) T n-Dodecane (C12)	6.425	2969010	20.452 ug/ml
5) T A~2-methylnaphthalene...	7.049	3118202	20.555 ug/ml
6) T n-Tetradecane (C14)	8.221	2974628	20.464 ug/ml
7) T n-Hexadecane (C16)	9.823	3007744	20.654 ug/ml
8) T n-Octadecane (C18)	11.265	3024930	20.928 ug/ml
10) T n-Eicosane (C20)	12.575	2990785	21.191 ug/ml
11) T n-Heneicosane (C21)	13.187	2966828	21.382 ug/ml
13) T n-Docosane (C22)	13.773	2931279	21.382 ug/ml
14) T n-Tetracosane (C24)	14.876	2825547	21.384 ug/ml
15) T n-Hexacosane (C26)	15.896	2712518	21.527 ug/ml
16) T n-Octacosane (C28)	16.846	2582370	21.412 ug/ml
17) T n-Tricontane (C30)	17.733	2571850	21.615 ug/ml
18) T n-Dotriacontane (C32)	18.564	2525382	21.434 ug/ml
19) T n-Tetratriacontane (C34)	19.348	2384108	21.103 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2365903	20.862 ug/ml
21) T n-Octatriacontane (C38)	20.823	2324607	20.660 ug/ml
22) T n-Tetracontane (C40)	21.737	2249536	20.037 ug/ml

(f)=RT Delta > 1/2 Window

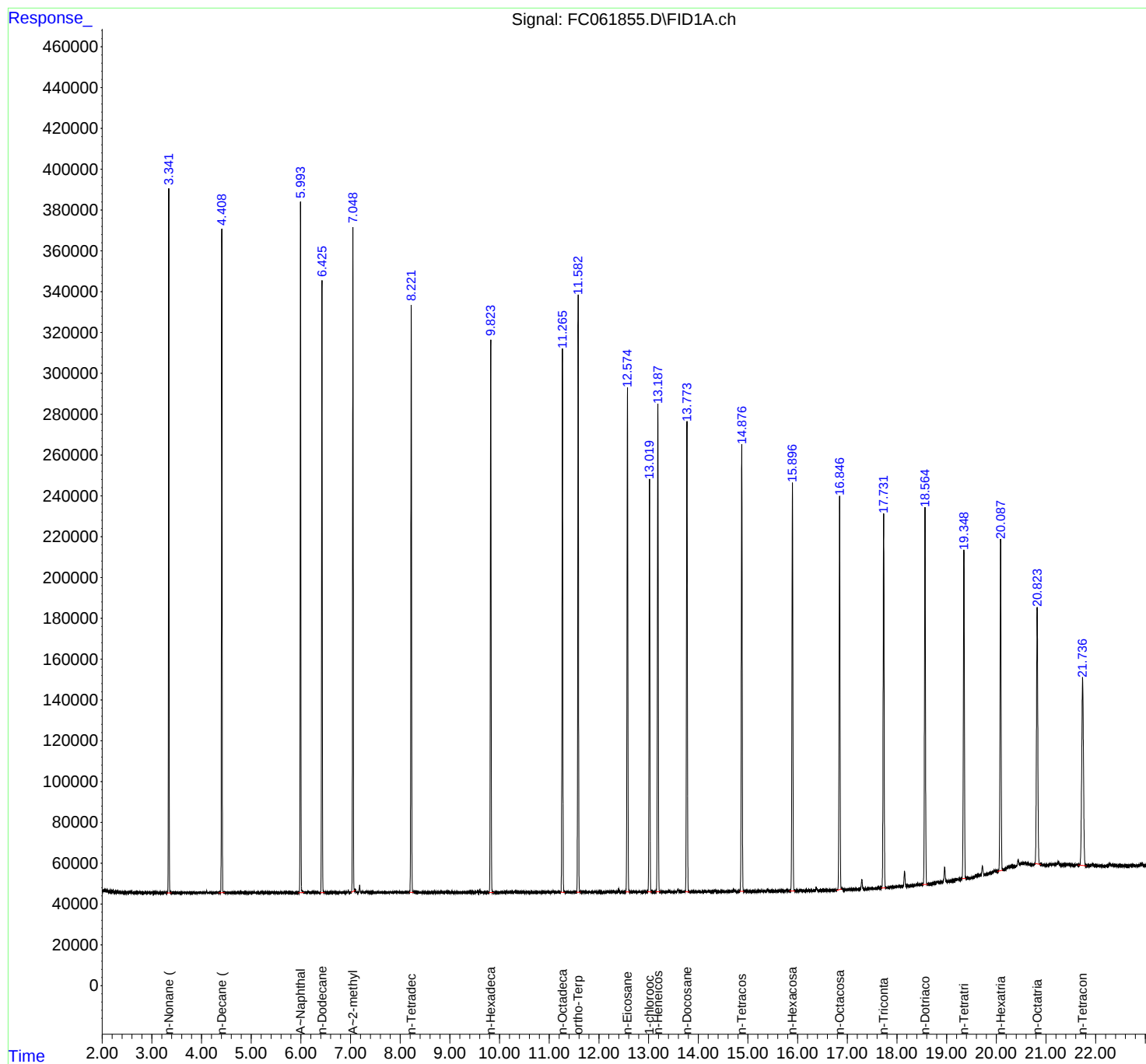
(m)=manual int.

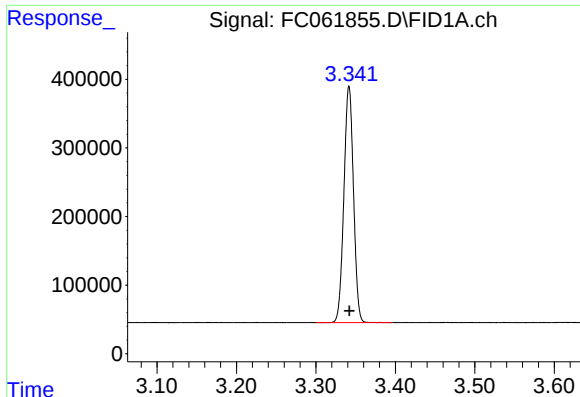
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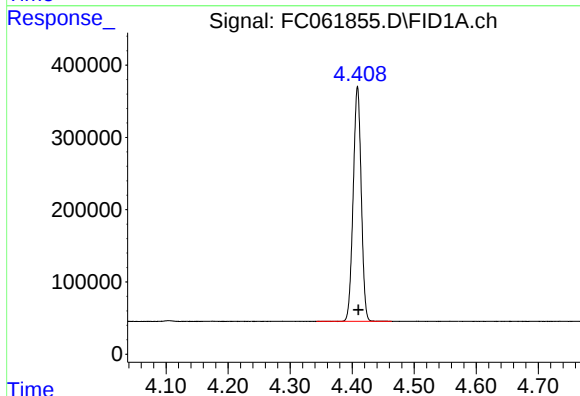




#1 n-Nonane (C9)

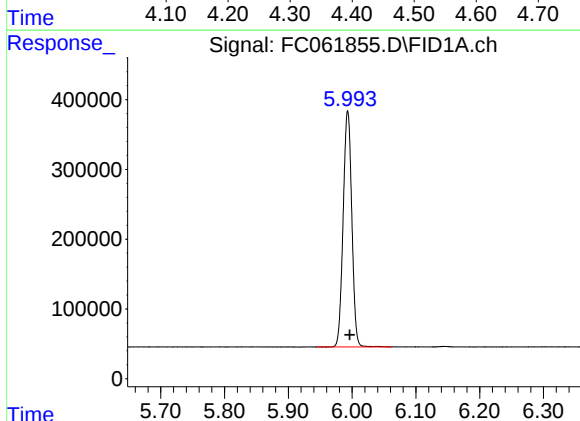
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2891440
Conc: 20.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



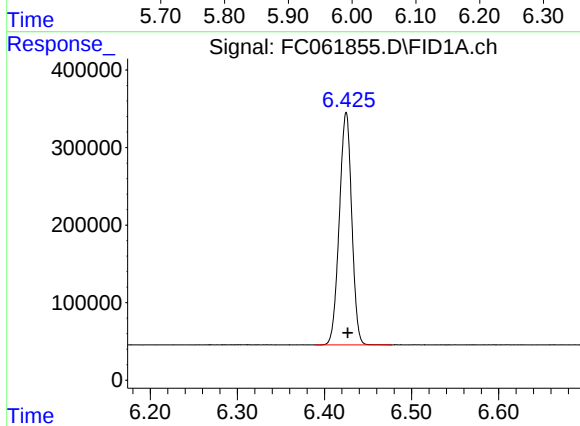
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 2929617
Conc: 20.52 ug/ml



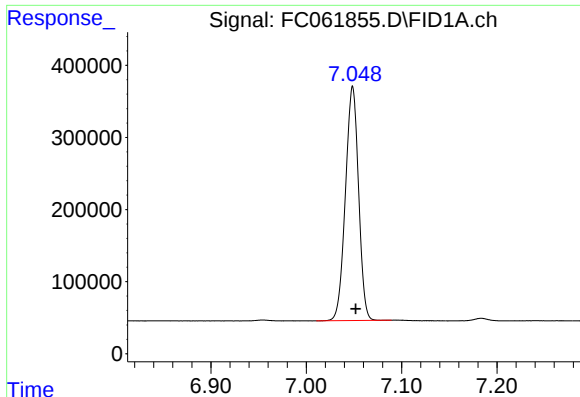
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 3178440
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

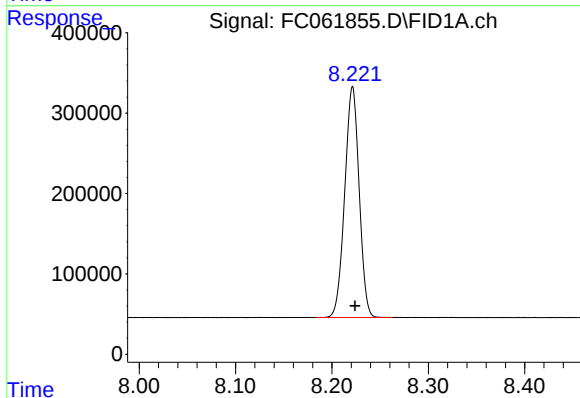
R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 2969010
Conc: 20.45 ug/ml



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

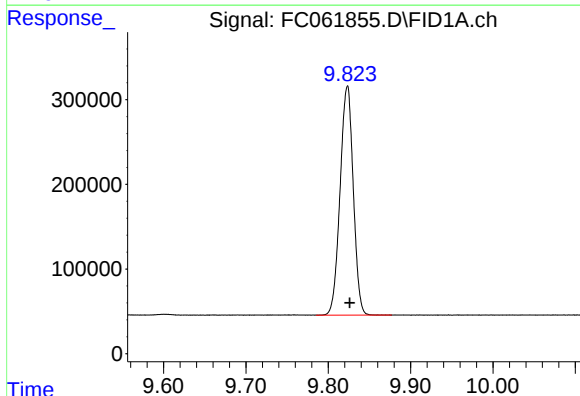
R.T.: 7.049 min
Delta R.T.: -0.003 min
Response: 3118202
Conc: 20.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



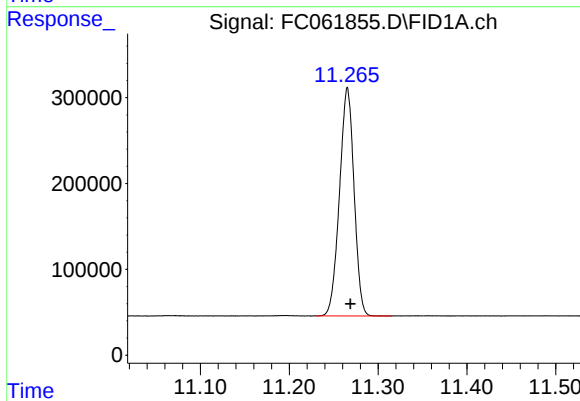
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 2974628
Conc: 20.46 ug/ml



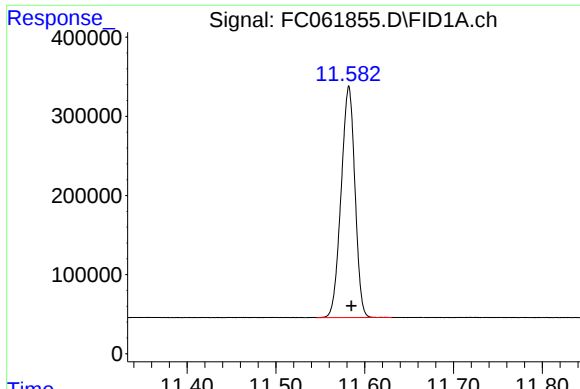
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.003 min
Response: 3007744
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

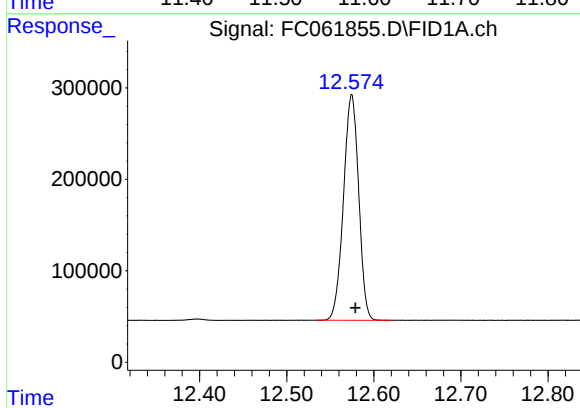
R.T.: 11.265 min
Delta R.T.: -0.003 min
Response: 3024930
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

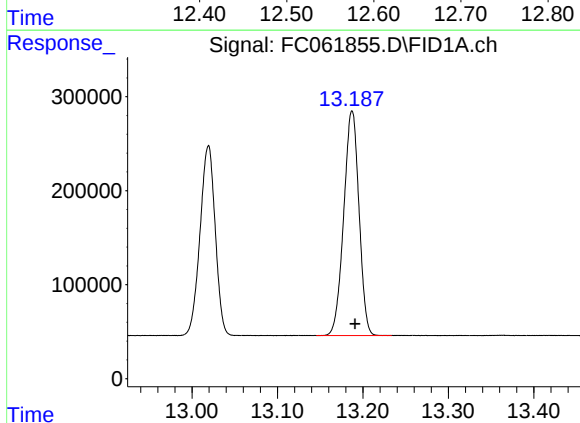
R.T.: 11.582 min
Delta R.T.: -0.003 min
Response: 3160281
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



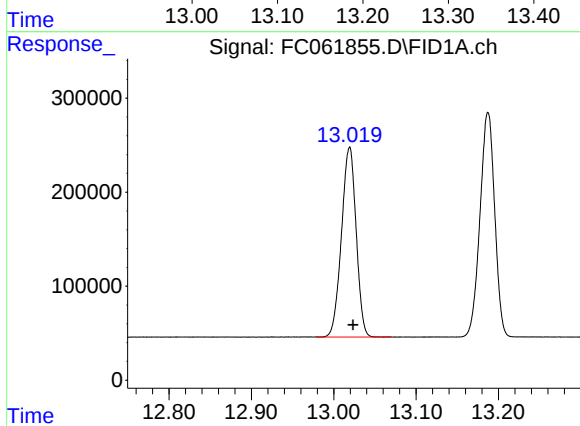
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 2990785
Conc: 21.19 ug/ml



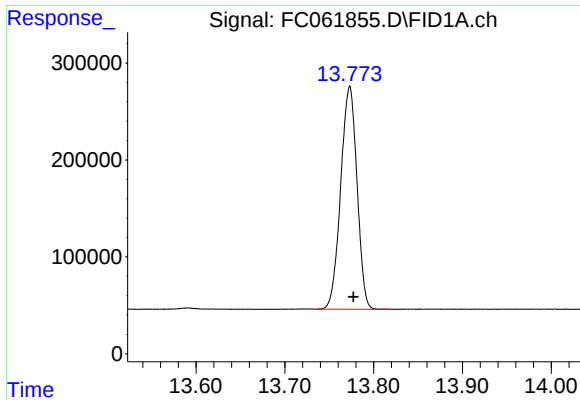
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.004 min
Response: 2966828
Conc: 21.38 ug/ml



#12 1-chlorooctadecane (SURR)

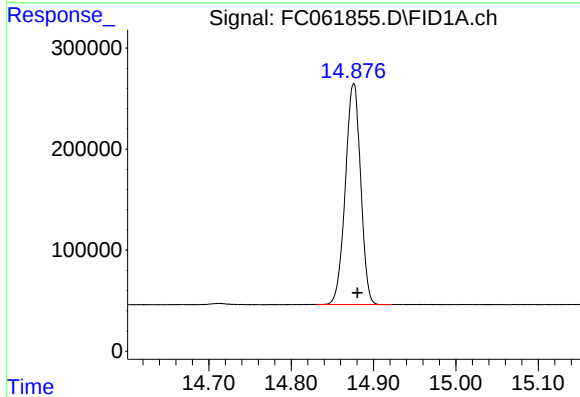
R.T.: 13.019 min
Delta R.T.: -0.004 min
Response: 2494139
Conc: 21.41 ug/ml



#13 n-Docosane (C22)

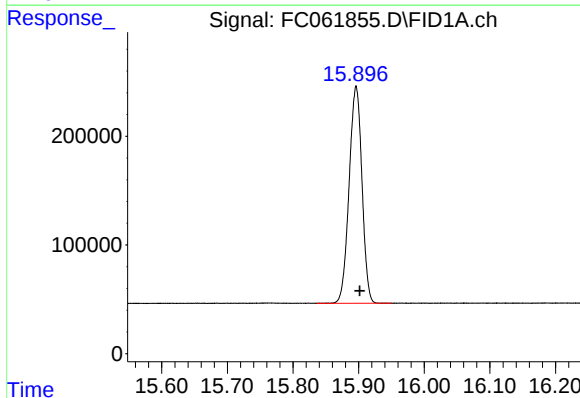
R.T.: 13.773 min
Delta R.T.: -0.005 min
Response: 2931279
Conc: 21.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



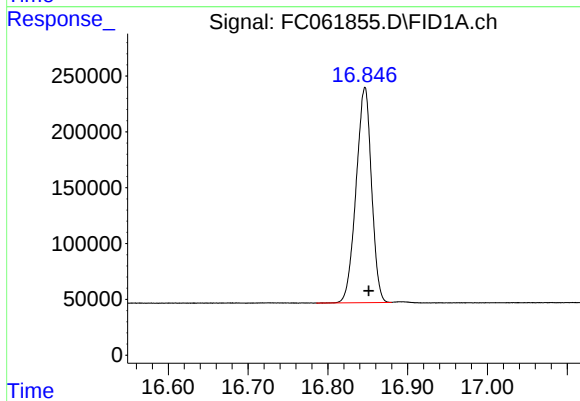
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 2825547
Conc: 21.38 ug/ml



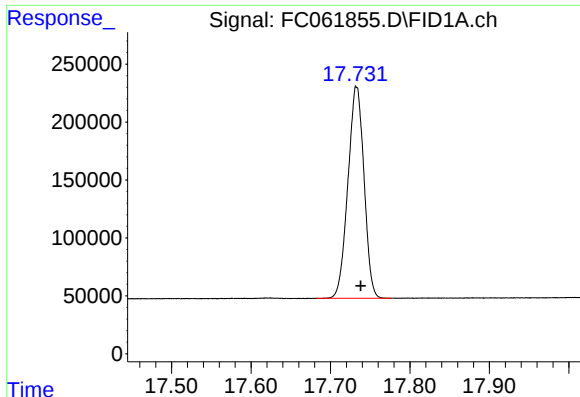
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.005 min
Response: 2712518
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

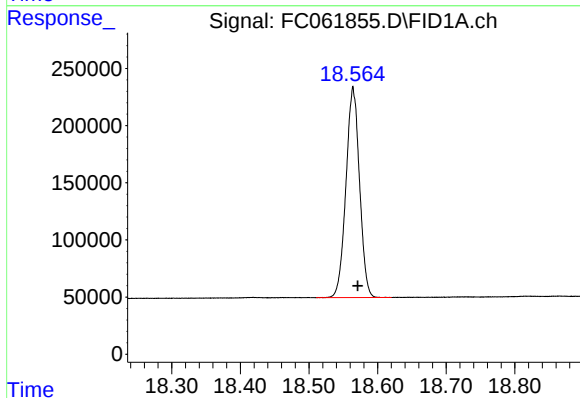
R.T.: 16.846 min
Delta R.T.: -0.005 min
Response: 2582370
Conc: 21.41 ug/ml



#17 n-Tricontane (C30)

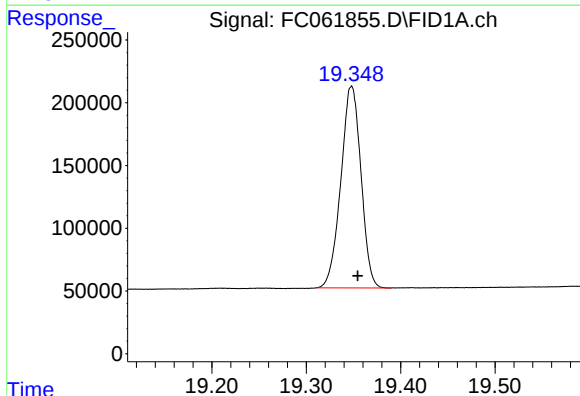
R.T.: 17.733 min
Delta R.T.: -0.005 min
Response: 2571850
Conc: 21.62 ug/ml

Instrument :
FID_C
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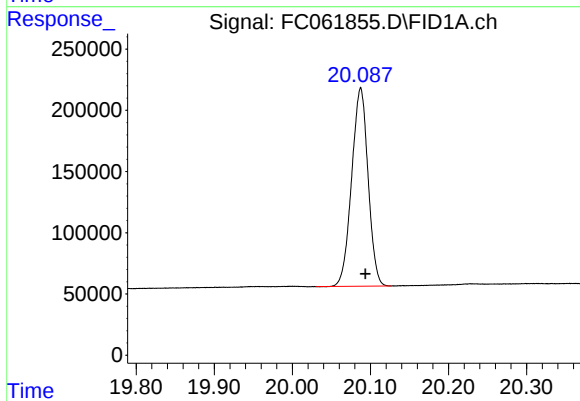
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2525382
Conc: 21.43 ug/ml



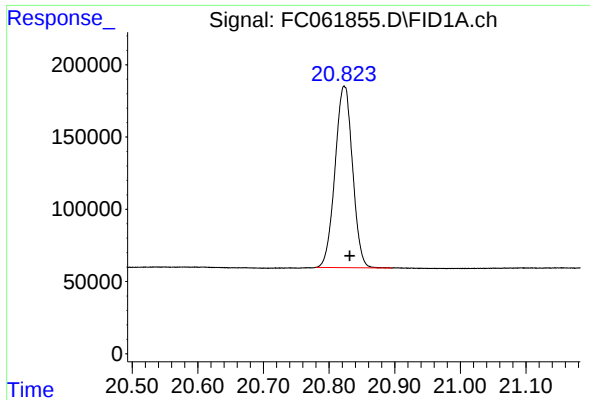
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.006 min
Response: 2384108
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

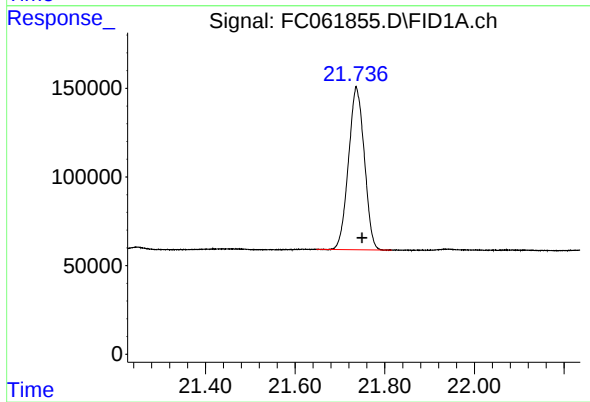
R.T.: 20.087 min
Delta R.T.: -0.006 min
Response: 2365903
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.008 min
Response: 2324607
Conc: 20.66 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.737 min
Delta R.T.: -0.013 min
Response: 2249536
Conc: 20.04 ug/ml