

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052223AL\
 Data File : FC063678.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2023 09:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 11:18:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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	3469756	18.519 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
12) S 1-chlorooctadecane (S...	12.967	2445124	18.673 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.313	3075982	19.213 ug/ml
2) T n-Decane (C10)	4.376	3111072	19.226 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3225241	18.996 ug/ml
4) T n-Dodecane (C12)	6.391	3087091	18.964 ug/ml
5) T A~2-methylnaphthalene...	7.013	3058338	18.908 ug/ml
6) T n-Tetradecane (C14)	8.182	2995558	18.967 ug/ml
7) T n-Hexadecane (C16)	9.780	3015766	18.798 ug/ml
8) T n-Octadecane (C18)	11.219	3015424	18.828 ug/ml
10) T n-Eicosane (C20)	12.523	2840163	18.720 ug/ml
11) T n-Heneicosane (C21)	13.133	2760111	18.834 ug/ml
13) T n-Docosane (C22)	13.718	2709179	18.775 ug/ml
14) T n-Tetracosane (C24)	14.816	2665776	18.951 ug/ml
15) T n-Hexacosane (C26)	15.834	2606472	19.085 ug/ml
16) T n-Octacosane (C28)	16.781	2596037	19.627 ug/ml
17) T n-Tricontane (C30)	17.665	2747117	20.430 ug/ml
18) T n-Dotriacontane (C32)	18.495	2760984	20.678 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2672836	20.590 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2542724	20.533 ug/ml
21) T n-Octatriacontane (C38)	20.738	2501017	20.015 ug/ml
22) T n-Tetracontane (C40)	21.629	2450245	19.932 ug/ml

(f)=RT Delta > 1/2 Window

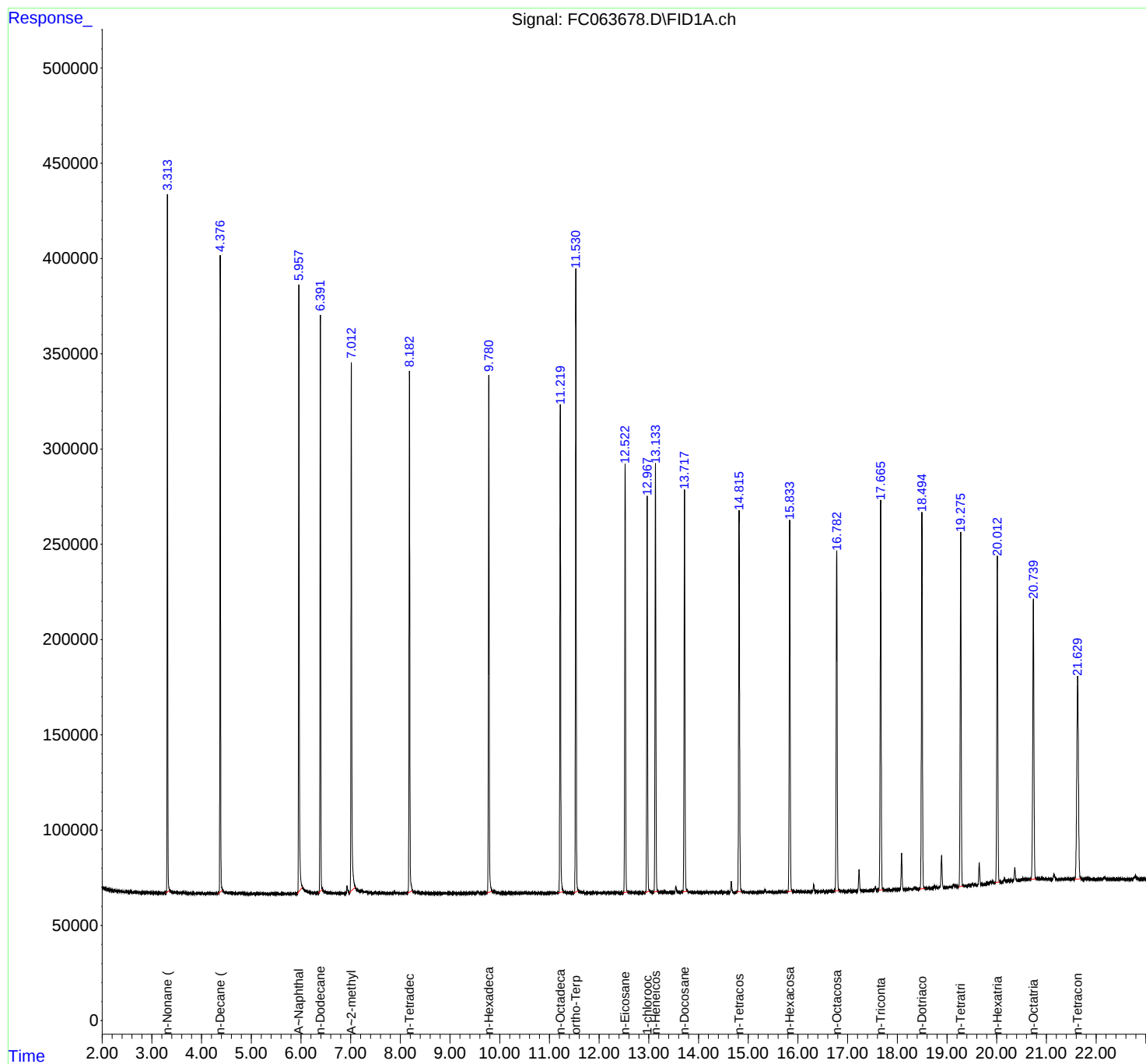
(m)=manual int.

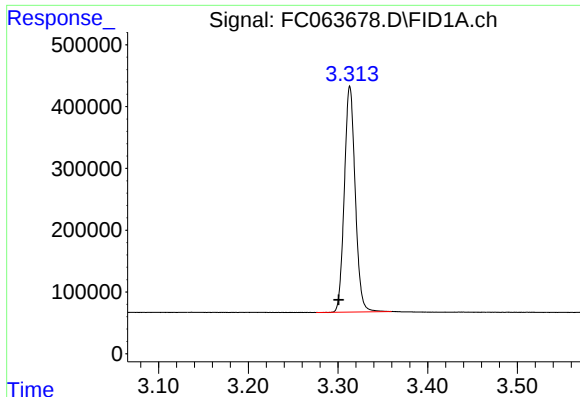
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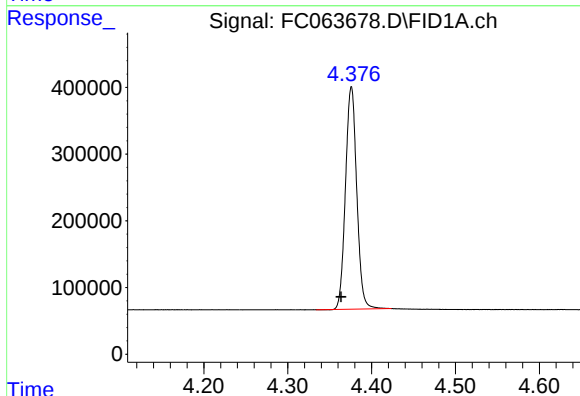




#1 n-Nonane (C9)

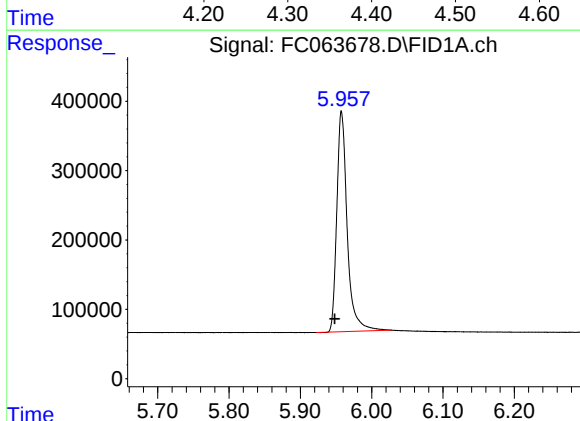
R.T.: 3.313 min
Delta R.T.: 0.012 min
Response: 3075982
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



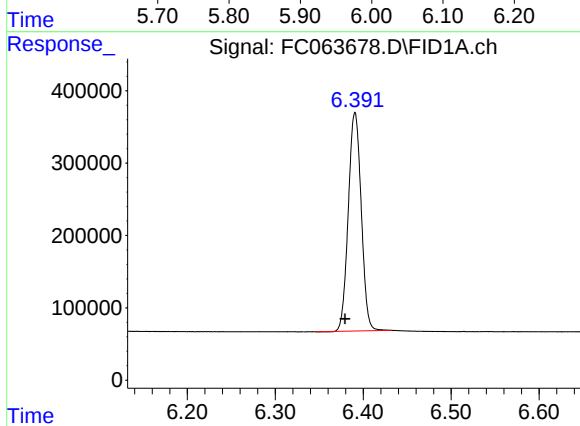
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 3111072
Conc: 19.23 ug/ml



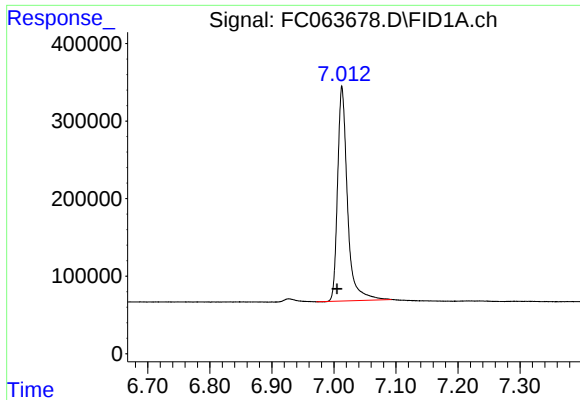
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.010 min
Response: 3225241
Conc: 19.00 ug/ml



#4 n-Dodecane (C12)

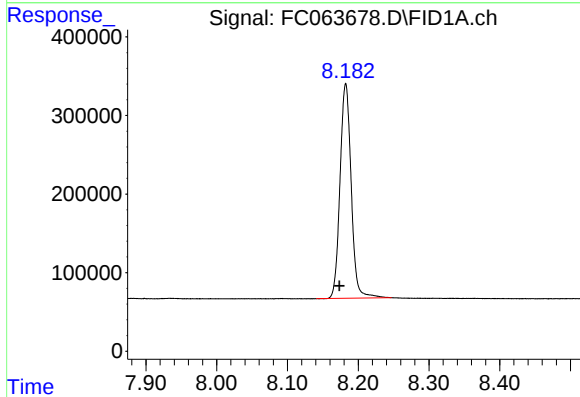
R.T.: 6.391 min
Delta R.T.: 0.011 min
Response: 3087091
Conc: 18.96 ug/ml



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

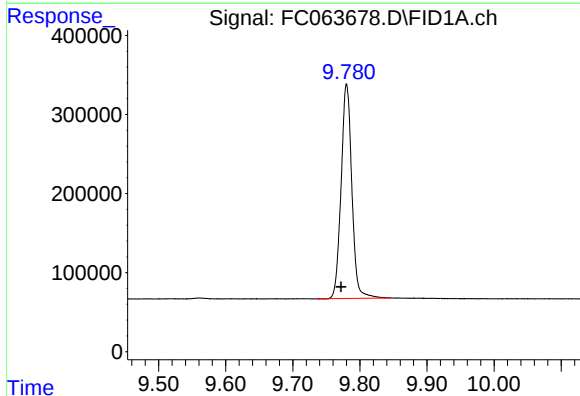
R.T.: 7.013 min
Delta R.T.: 0.008 min
Response: 3058338
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :



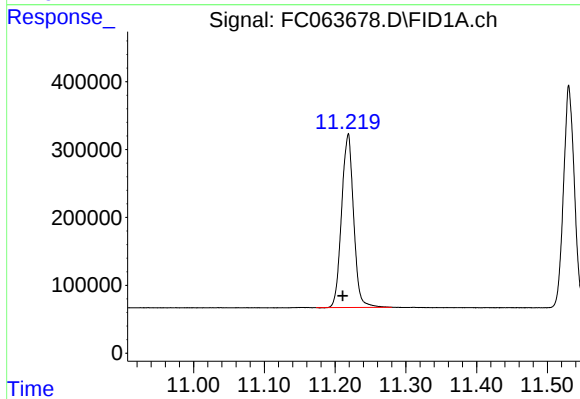
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.009 min
Response: 2995558
Conc: 18.97 ug/ml



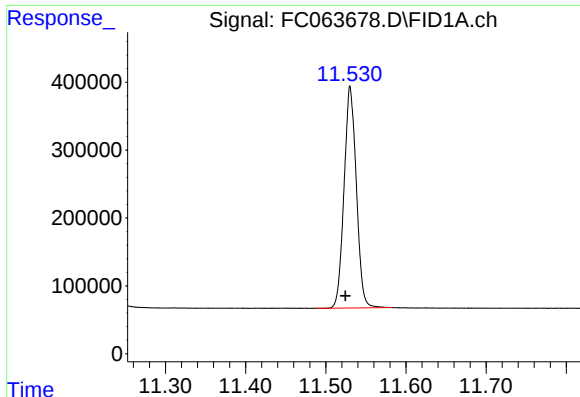
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.008 min
Response: 3015766
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

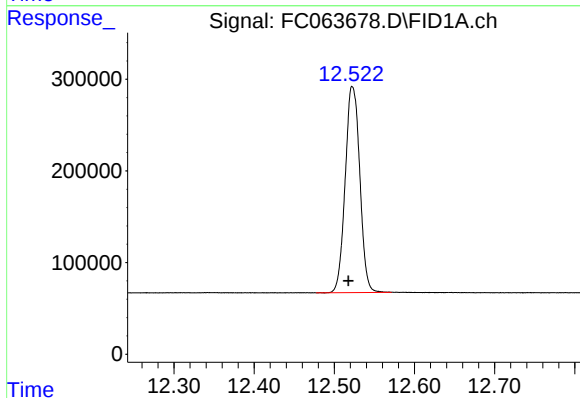
R.T.: 11.219 min
Delta R.T.: 0.008 min
Response: 3015424
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

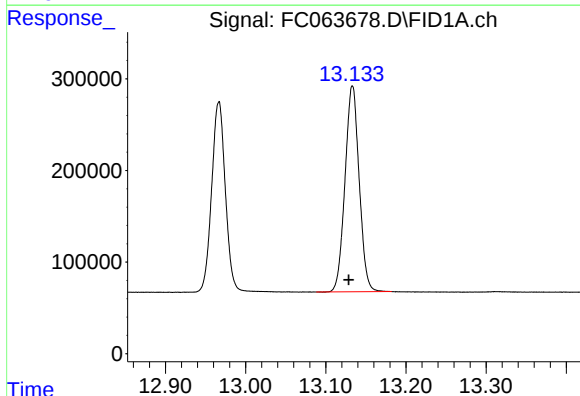
R.T.: 11.530 min
Delta R.T.: 0.006 min
Response: 3469756
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :



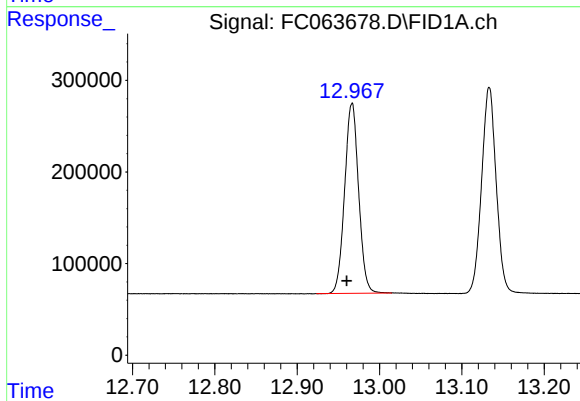
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.005 min
Response: 2840163
Conc: 18.72 ug/ml



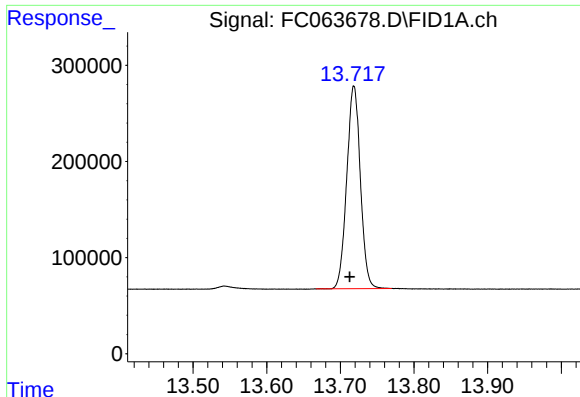
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.005 min
Response: 2760111
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

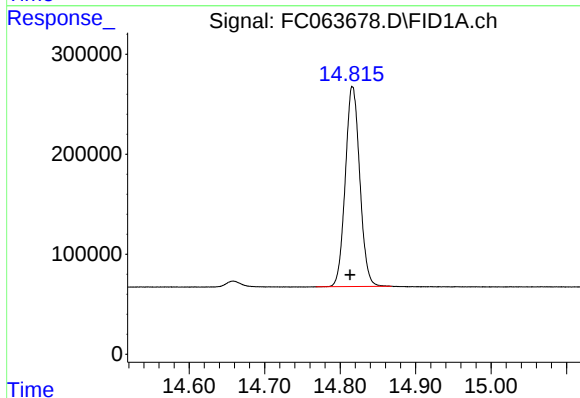
R.T.: 12.967 min
Delta R.T.: 0.007 min
Response: 2445124
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

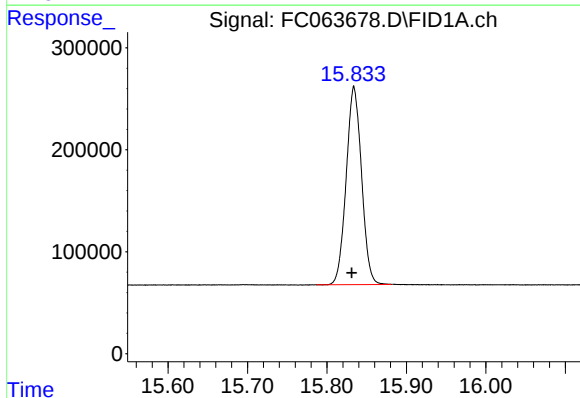
R.T.: 13.718 min
Delta R.T.: 0.006 min
Response: 2709179
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :



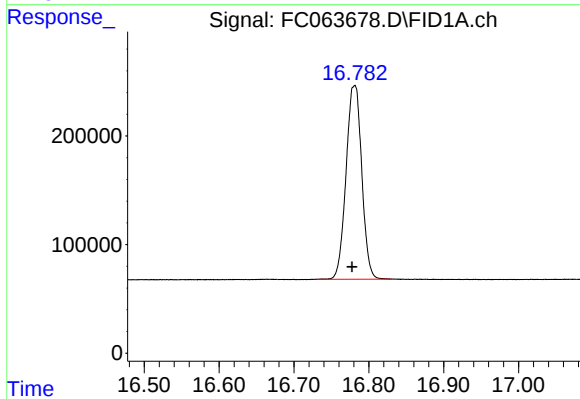
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.003 min
Response: 2665776
Conc: 18.95 ug/ml



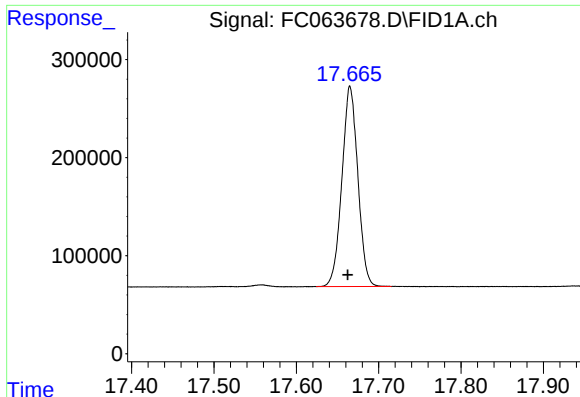
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.003 min
Response: 2606472
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

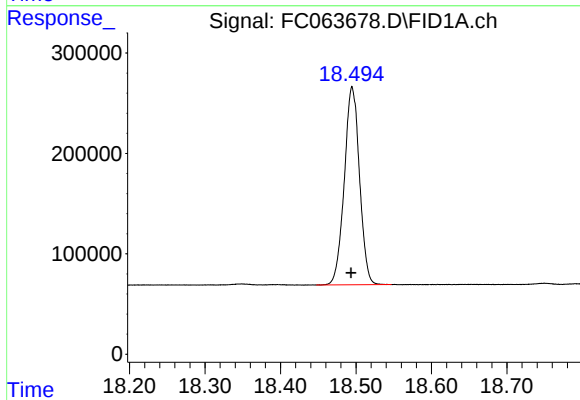
R.T.: 16.781 min
Delta R.T.: 0.003 min
Response: 2596037
Conc: 19.63 ug/ml



#17 n-Tricontane (C30)

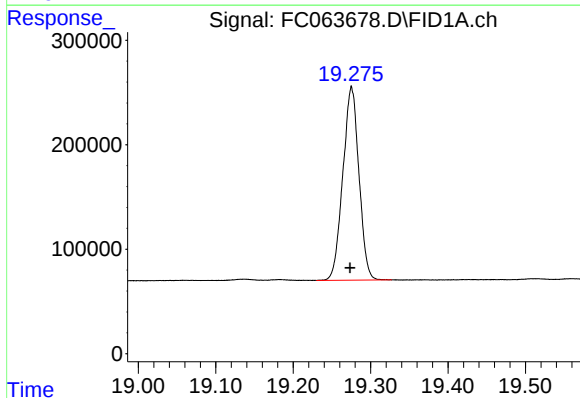
R.T.: 17.665 min
Delta R.T.: 0.003 min
Response: 2747117
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :



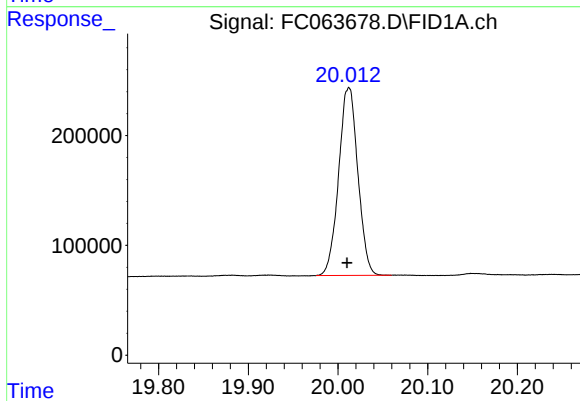
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 2760984
Conc: 20.68 ug/ml



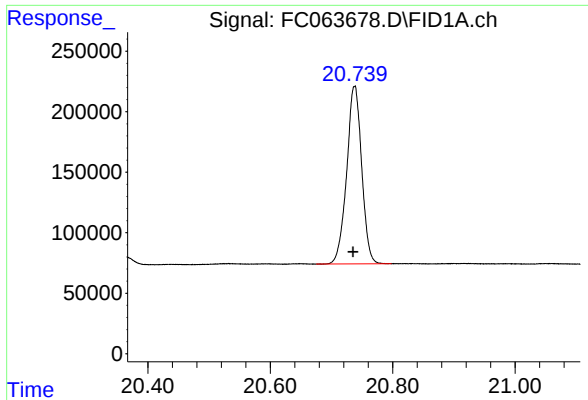
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.002 min
Response: 2672836
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

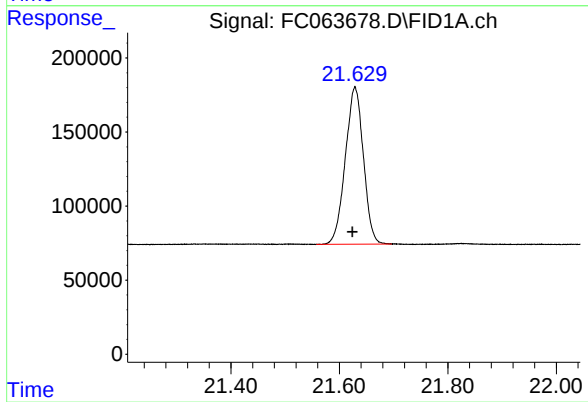
R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 2542724
Conc: 20.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.003 min
Response: 2501017
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.005 min
Response: 2450245
Conc: 19.93 ug/ml