

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066871.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 17:50
 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: Aug 01 04:24:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.518	2883078	18.727 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	12.958	2145794	19.190 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.287	2732619	19.258 ug/ml
2) T n-Decane (C10)	4.351	2800741	18.946 ug/ml
3) T A~Naphthalene (C11.7)	5.932	3005706	18.822 ug/ml
4) T n-Dodecane (C12)	6.369	2796290	18.652 ug/ml
5) T A~2-methylnaphthalene...	6.988	2868380	18.711 ug/ml
6) T n-Tetradecane (C14)	8.164	2712151	18.537 ug/ml
7) T n-Hexadecane (C16)	9.764	2756874	18.420 ug/ml
8) T n-Octadecane (C18)	11.206	2727413	18.379 ug/ml
10) T n-Eicosane (C20)	12.515	2582328	18.527 ug/ml
11) T n-Heneicosane (C21)	13.127	2521640	18.513 ug/ml
13) T n-Docosane (C22)	13.712	2499813	18.611 ug/ml
14) T n-Tetracosane (C24)	14.815	2472776	18.591 ug/ml
15) T n-Hexacosane (C26)	15.835	2411896	18.536 ug/ml
16) T n-Octacosane (C28)	16.785	2359704	18.705 ug/ml
17) T n-Tricontane (C30)	17.672	2405569	18.707 ug/ml
18) T n-Dotriacontane (C32)	18.505	2365817	18.792 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2262321	18.287 ug/ml
20) T n-Hexatriacontane (C36)	20.028	2117334	18.202 ug/ml
21) T n-Octatriacontane (C38)	20.757	2181131	19.631 ug/ml
22) T n-Tetracontane (C40)	21.653	2053346	18.888 ug/ml

(f)=RT Delta > 1/2 Window

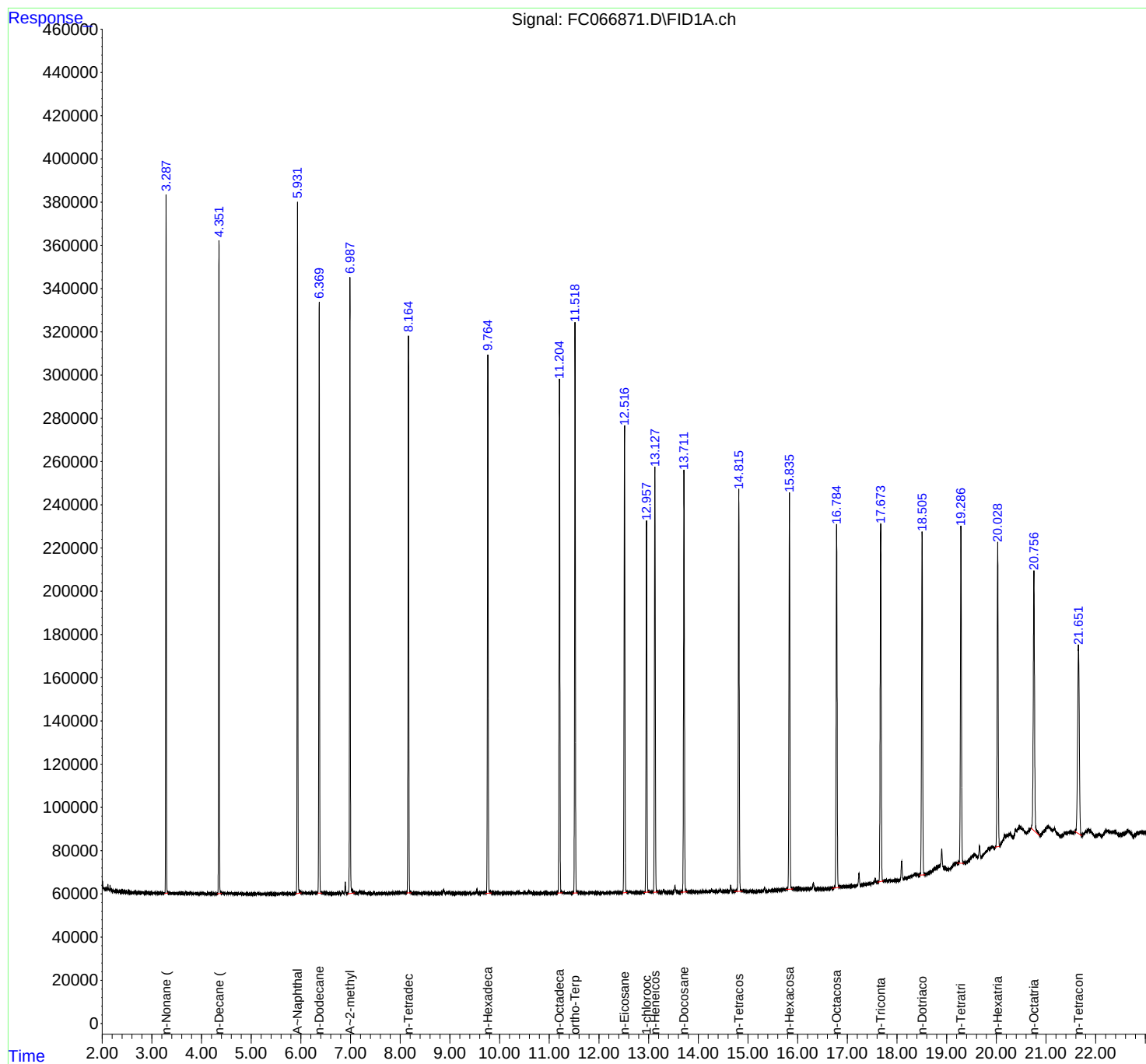
(m)=manual int.

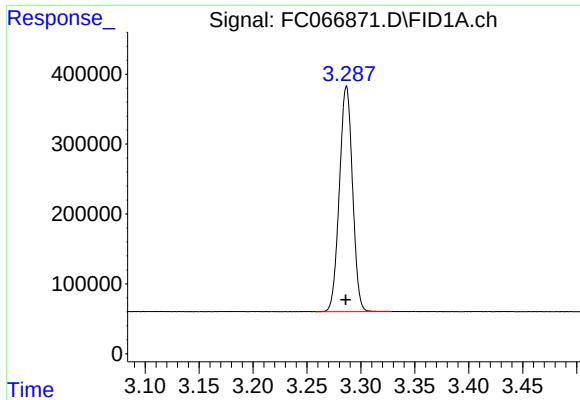
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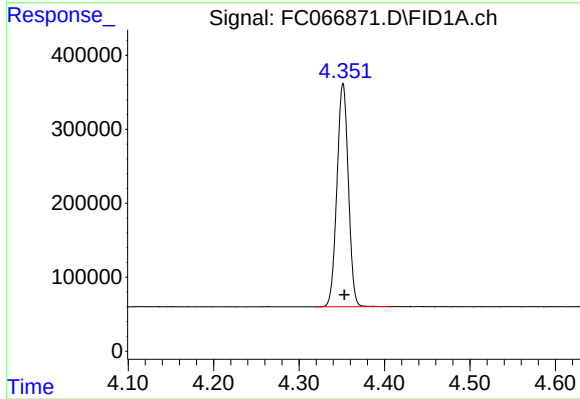




#1 n-Nonane (C9)

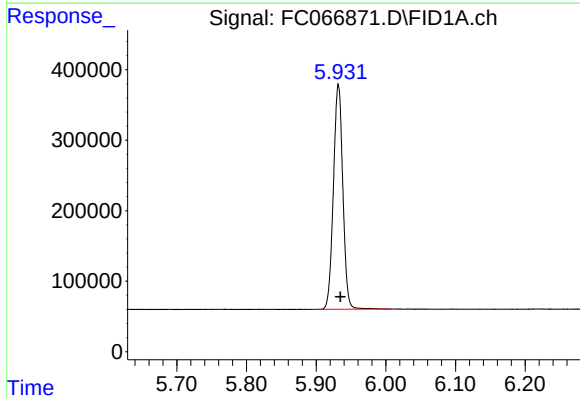
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 2732619
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :



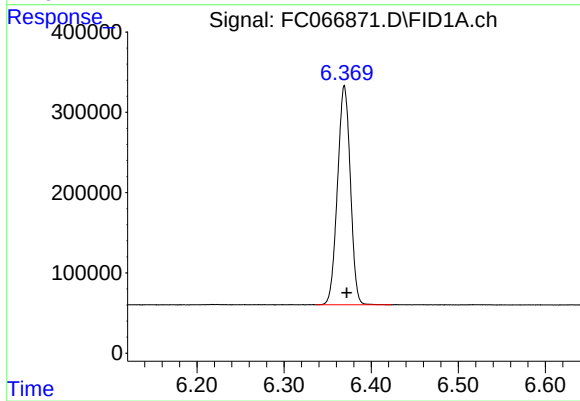
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.001 min
Response: 2800741
Conc: 18.95 ug/ml



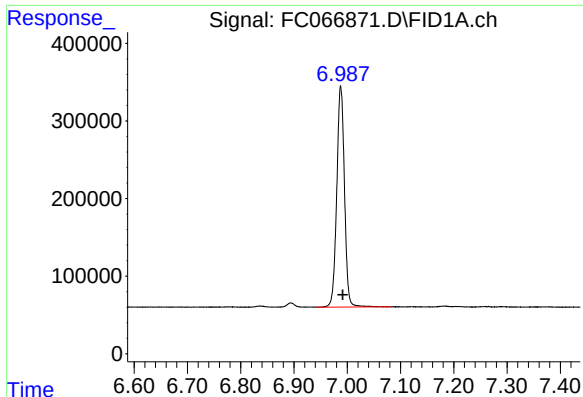
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 3005706
Conc: 18.82 ug/ml



#4 n-Dodecane (C12)

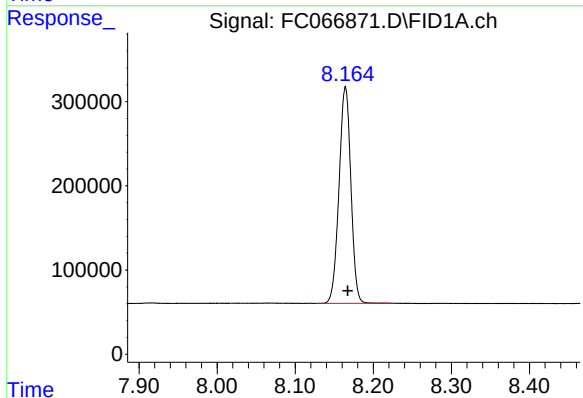
R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 2796290
Conc: 18.65 ug/ml



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

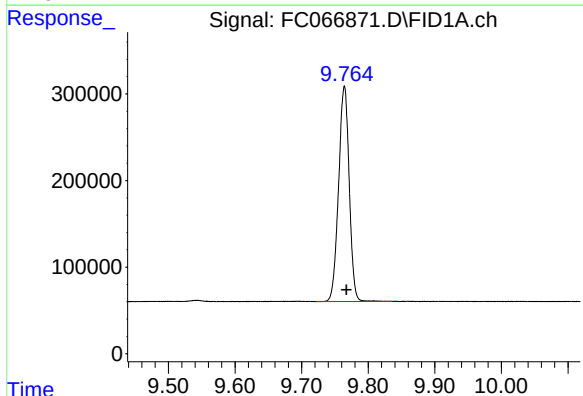
R.T.: 6.988 min
Delta R.T.: -0.003 min
Response: 2868380
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :



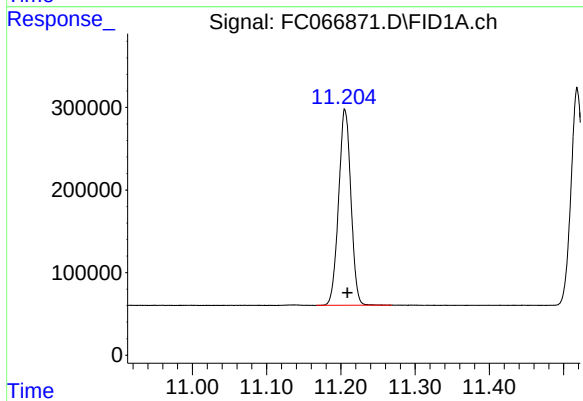
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 2712151
Conc: 18.54 ug/ml



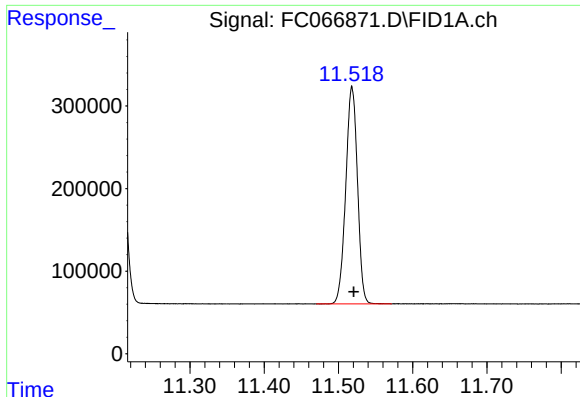
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.003 min
Response: 2756874
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

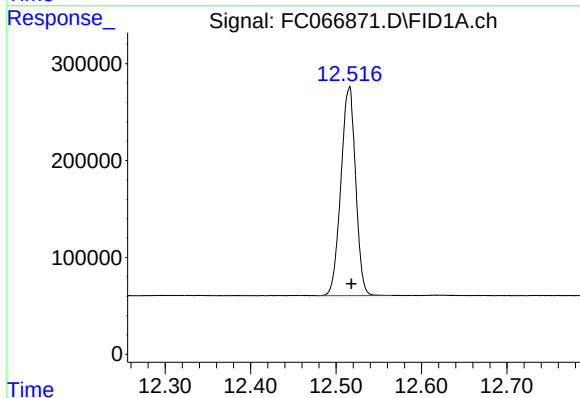
R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 2727413
Conc: 18.38 ug/ml



#9 ortho-Terphenyl (SURR)

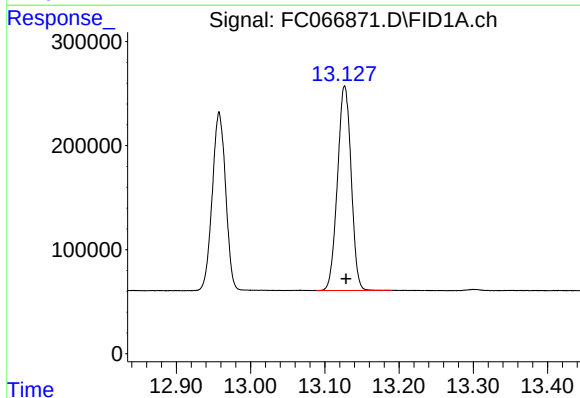
R.T.: 11.518 min
Delta R.T.: -0.002 min
Response: 2883078
Conc: 18.73 ug/ml

Instrument :
FID_C
ClientSampleId :



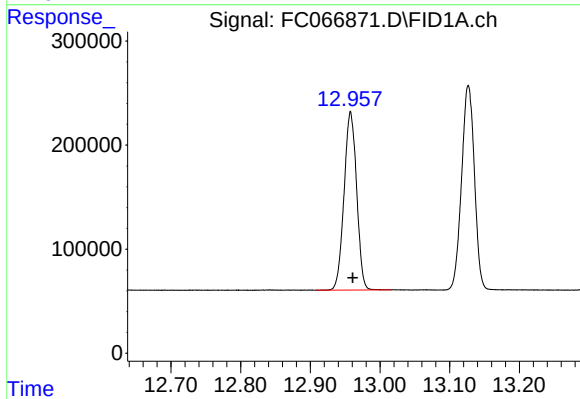
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 2582328
Conc: 18.53 ug/ml



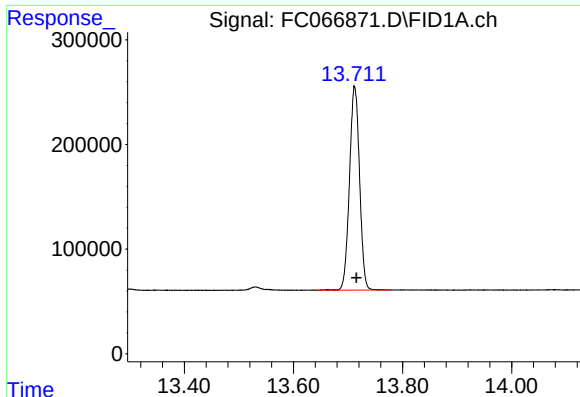
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: -0.002 min
Response: 2521640
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

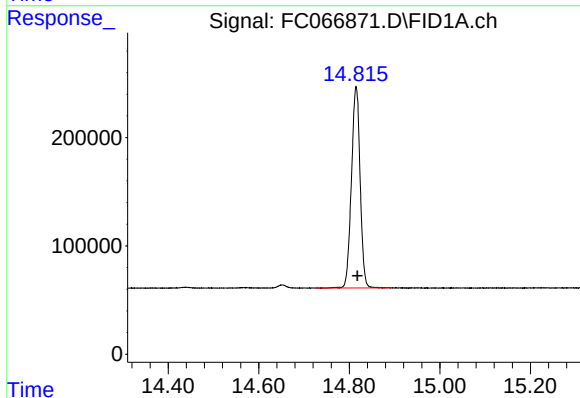
R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 2145794
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

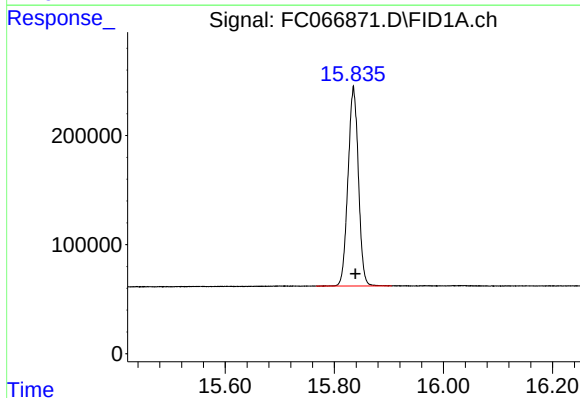
R.T.: 13.712 min
Delta R.T.: -0.003 min
Response: 2499813
Conc: 18.61 ug/ml

Instrument :
FID_C
ClientSampleId :



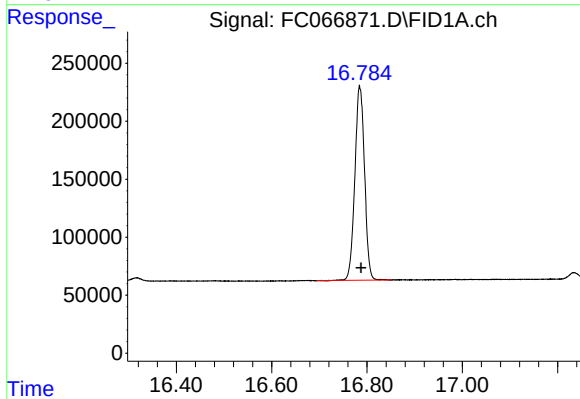
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 2472776
Conc: 18.59 ug/ml



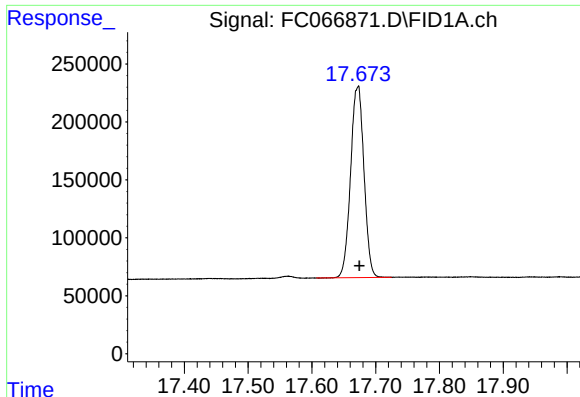
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.003 min
Response: 2411896
Conc: 18.54 ug/ml



#16 n-Octacosane (C28)

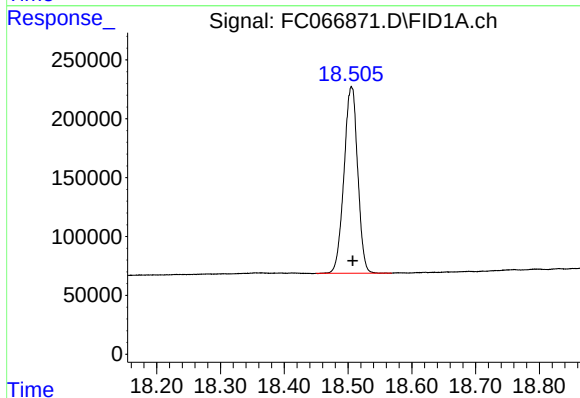
R.T.: 16.785 min
Delta R.T.: -0.002 min
Response: 2359704
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

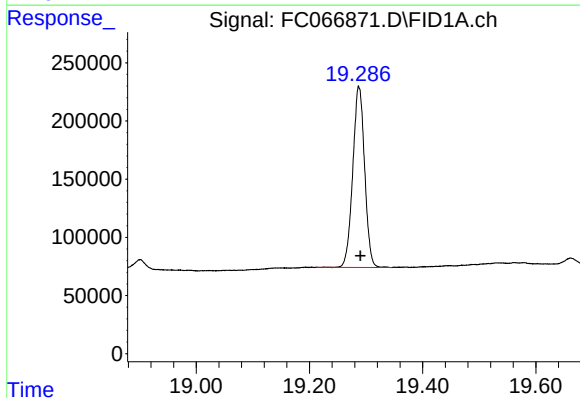
R.T.: 17.672 min
Delta R.T.: -0.003 min
Response: 2405569
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :



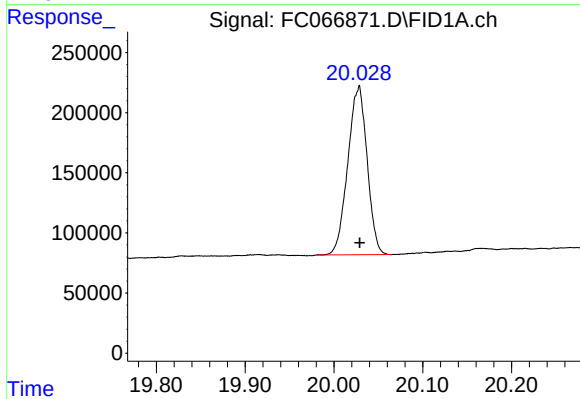
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.002 min
Response: 2365817
Conc: 18.79 ug/ml



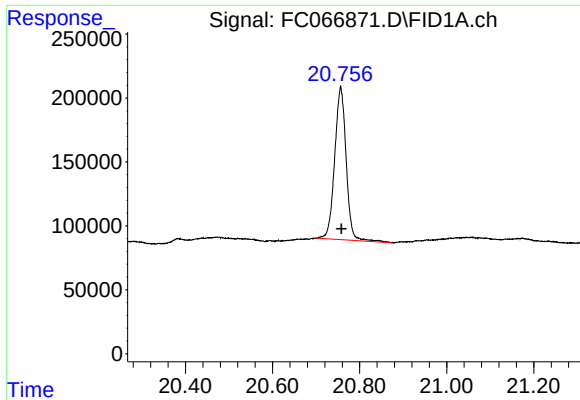
#19 n-Tetratriacontane (C34)

R.T.: 19.288 min
Delta R.T.: -0.002 min
Response: 2262321
Conc: 18.29 ug/ml



#20 n-Hexatriacontane (C36)

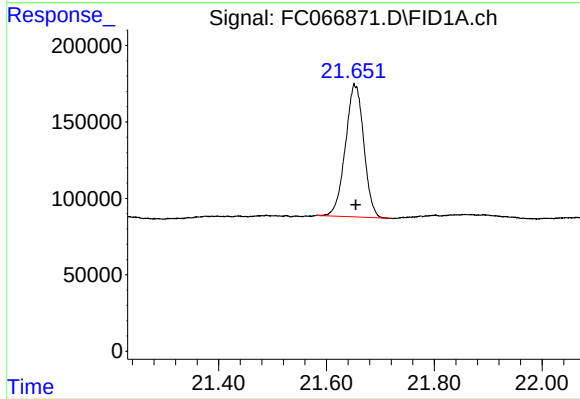
R.T.: 20.028 min
Delta R.T.: -0.002 min
Response: 2117334
Conc: 18.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: -0.002 min
Response: 2181131
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: -0.001 min
Response: 2053346
Conc: 18.89 ug/ml