

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092523AL\
 Data File : FC064655.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2023 20:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 00:15:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.520	4492990	22.205 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
12) S 1-chlorooctadecane (S...	12.952	3263922	22.408 ug/ml
Spiked Amount 50.000		Recovery =	44.82%
Target Compounds			
1) T n-Nonane (C9)	3.324	3914456	22.151 ug/ml
2) T n-Decane (C10)	4.381	3930853	21.881 ug/ml
3) T A~Naphthalene (C11.7)	5.961	4158291	22.134 ug/ml
4) T n-Dodecane (C12)	6.390	3981940	21.922 ug/ml
5) T A~2-methylnaphthalene...	7.014	3967669	22.248 ug/ml
6) T n-Tetradecane (C14)	8.178	3868073	21.800 ug/ml
7) T n-Hexadecane (C16)	9.771	3862689	21.489 ug/ml
8) T n-Octadecane (C18)	11.206	3858150	21.309 ug/ml
10) T n-Eicosane (C20)	12.509	3679373	21.600 ug/ml
11) T n-Heneicosane (C21)	13.118	3603340	21.756 ug/ml
13) T n-Docosane (C22)	13.702	3523758	21.630 ug/ml
14) T n-Tetracosane (C24)	14.800	3386992	21.334 ug/ml
15) T n-Hexacosane (C26)	15.815	3236702	21.204 ug/ml
16) T n-Octacosane (C28)	16.761	3096868	20.925 ug/ml
17) T n-Tricontane (C30)	17.642	3057371	20.581 ug/ml
18) T n-Dotriacontane (C32)	18.471	2987625	20.472 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2884581	20.290 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2849131	20.686 ug/ml
21) T n-Octatriacontane (C38)	20.708	2779164	20.279 ug/ml
22) T n-Tetracontane (C40)	21.588	2742241	20.159 ug/ml

(f)=RT Delta > 1/2 Window

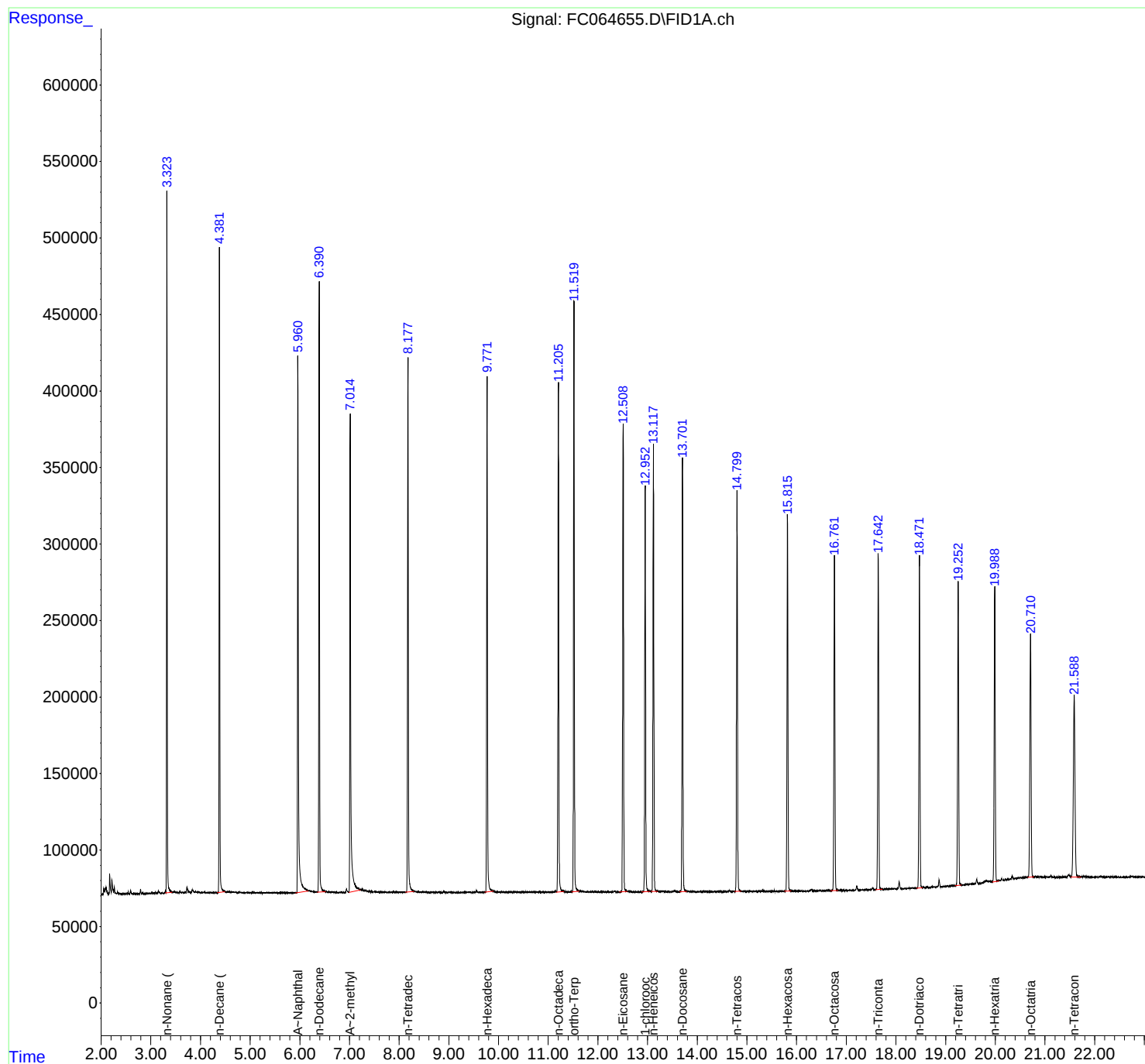
(m)=manual int.

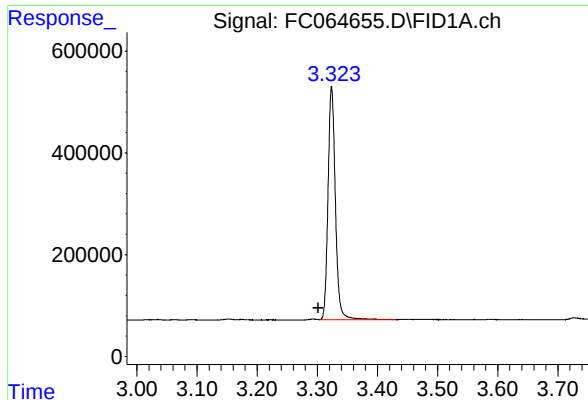
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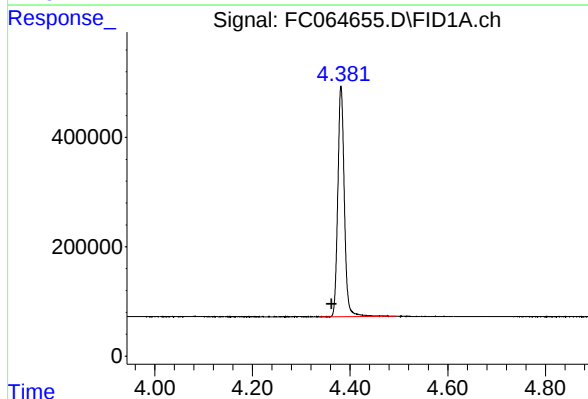




#1 n-Nonane (C9)

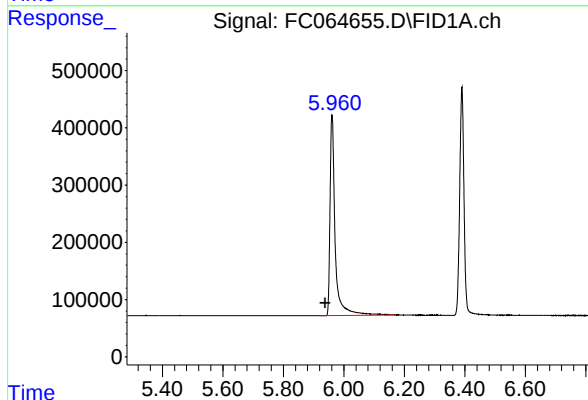
R.T.: 3.324 min
Delta R.T.: 0.022 min
Response: 3914456
Conc: 22.15 ug/ml

Instrument :
FID_C
ClientSampleId :



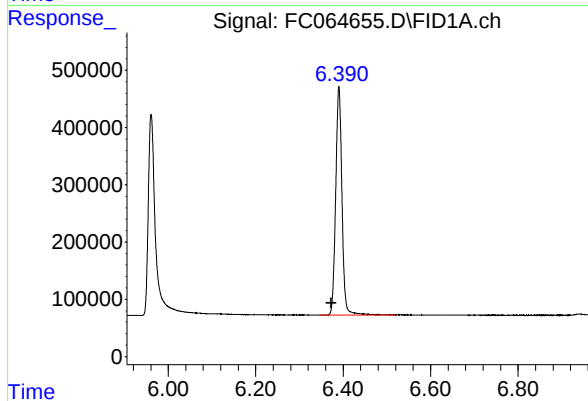
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.019 min
Response: 3930853
Conc: 21.88 ug/ml



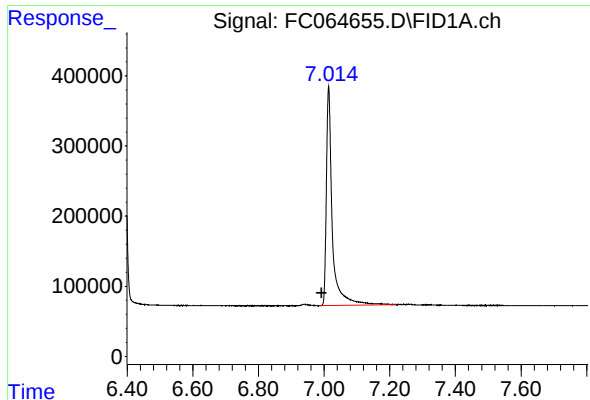
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.022 min
Response: 4158291
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

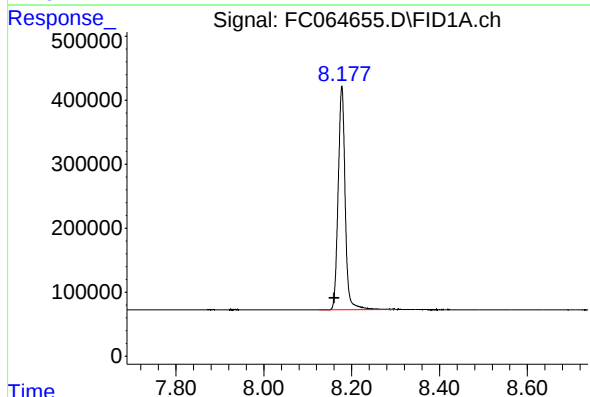
R.T.: 6.390 min
Delta R.T.: 0.018 min
Response: 3981940
Conc: 21.92 ug/ml



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

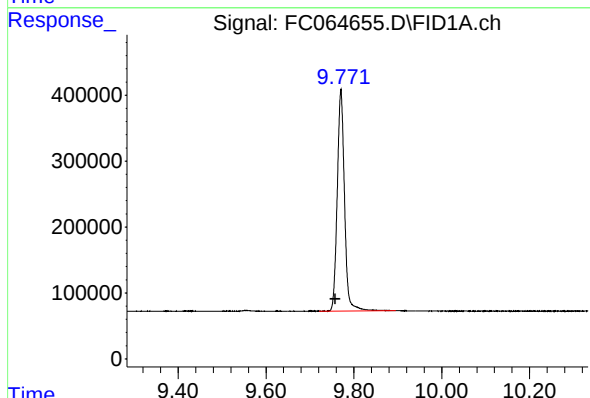
R.T.: 7.014 min
Delta R.T.: 0.021 min
Response: 3967669
Conc: 22.25 ug/ml

Instrument :
FID_C
ClientSampleId :



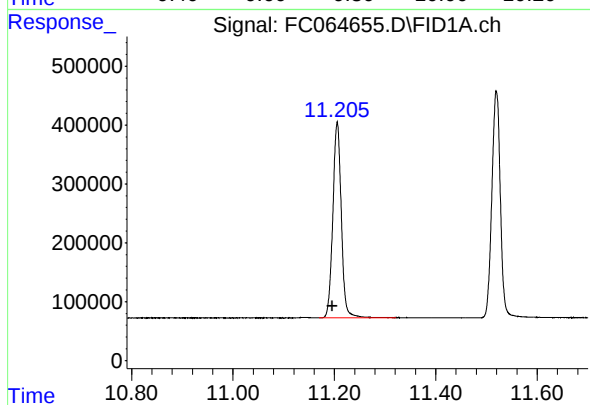
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 3868073
Conc: 21.80 ug/ml



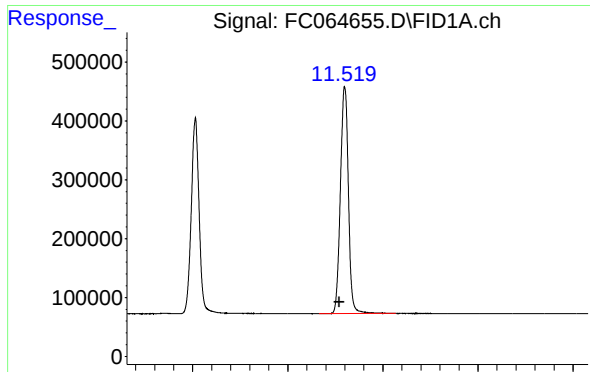
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.012 min
Response: 3862689
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

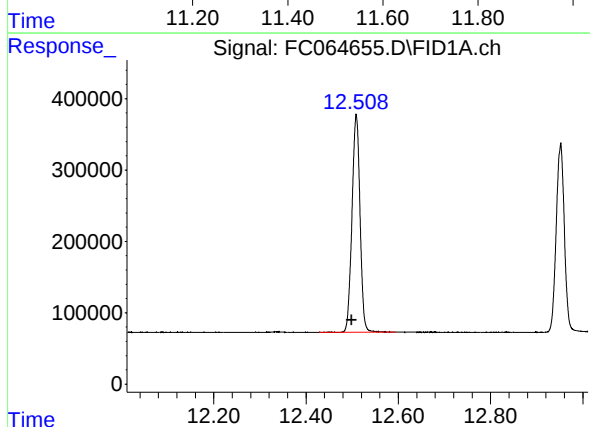
R.T.: 11.206 min
Delta R.T.: 0.010 min
Response: 3858150
Conc: 21.31 ug/ml



#9 ortho-Terphenyl (SURR)

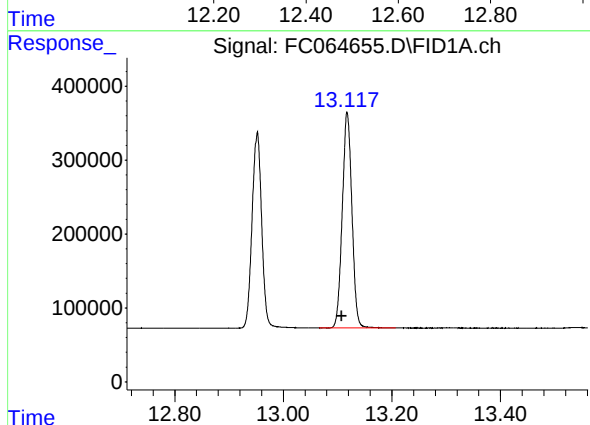
R.T.: 11.520 min
Delta R.T.: 0.011 min
Response: 4492990
Conc: 22.20 ug/ml

Instrument :
FID_C
ClientSampleId :



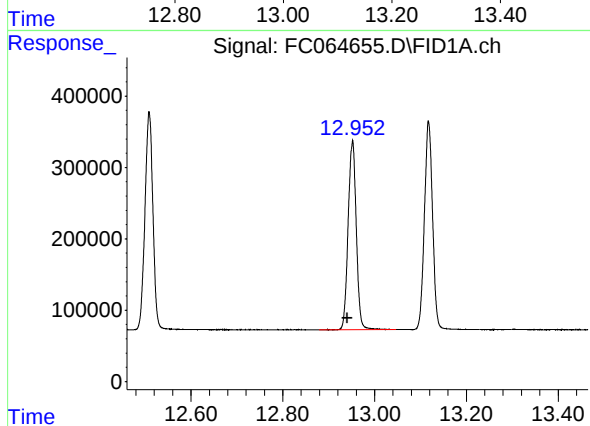
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.010 min
Response: 3679373
Conc: 21.60 ug/ml



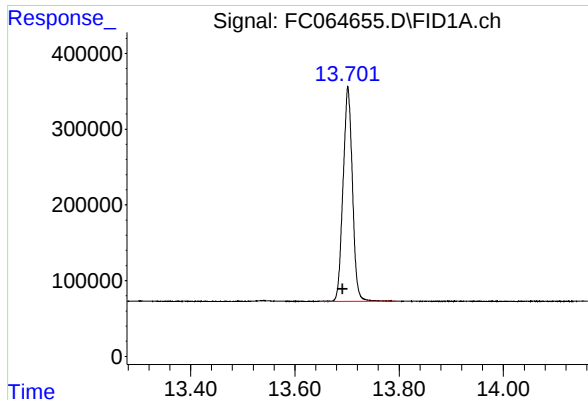
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.010 min
Response: 3603340
Conc: 21.76 ug/ml



#12 1-chlorooctadecane (SURR)

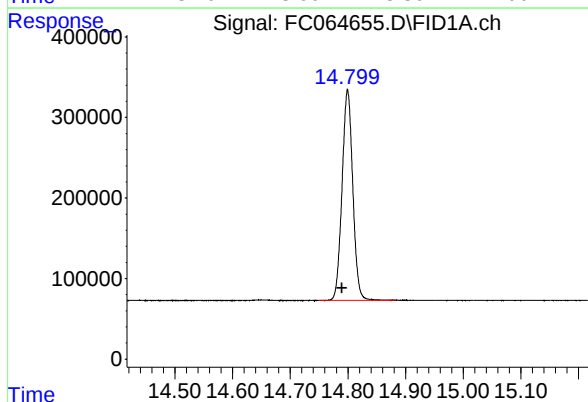
R.T.: 12.952 min
Delta R.T.: 0.012 min
Response: 3263922
Conc: 22.41 ug/ml



#13 n-Docosane (C22)

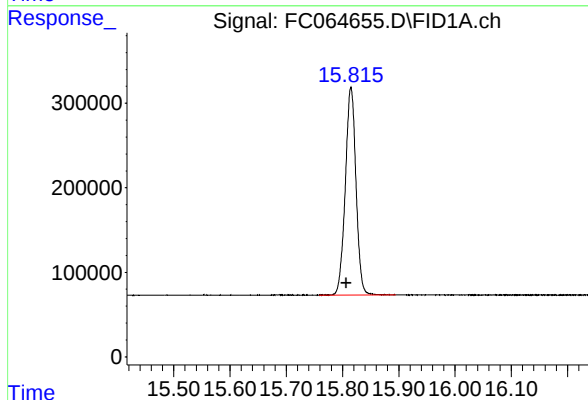
R.T.: 13.702 min
Delta R.T.: 0.010 min
Response: 3523758
Conc: 21.63 ug/ml

Instrument :
FID_C
ClientSampleId :



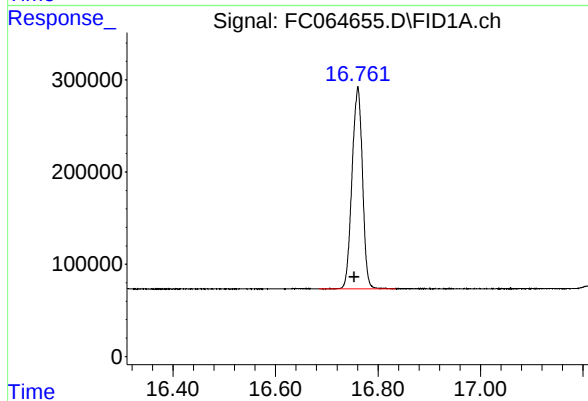
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.009 min
Response: 3386992
Conc: 21.33 ug/ml



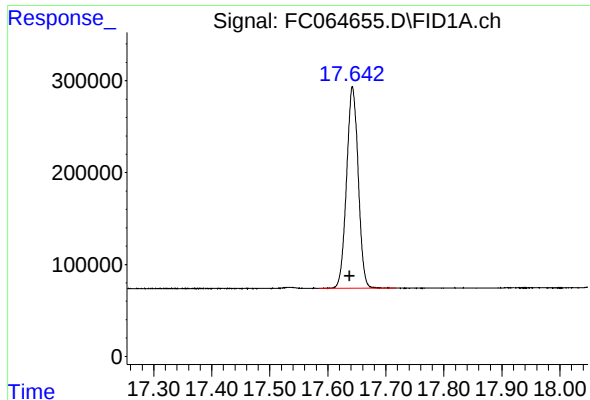
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.008 min
Response: 3236702
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

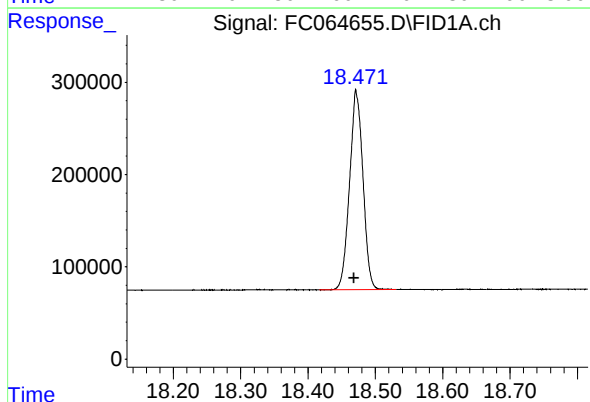
R.T.: 16.761 min
Delta R.T.: 0.007 min
Response: 3096868
Conc: 20.93 ug/ml



#17 n-Tricontane (C30)

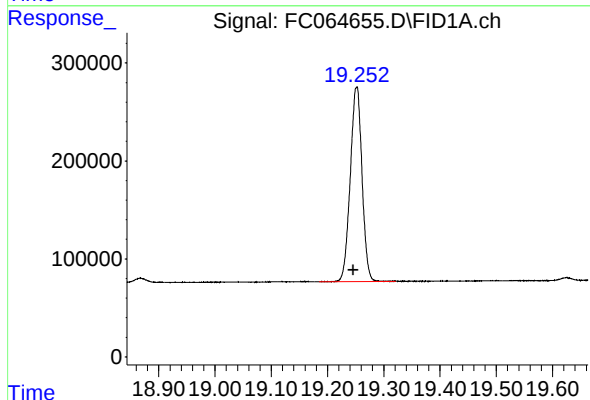
R.T.: 17.642 min
Delta R.T.: 0.005 min
Response: 3057371
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :



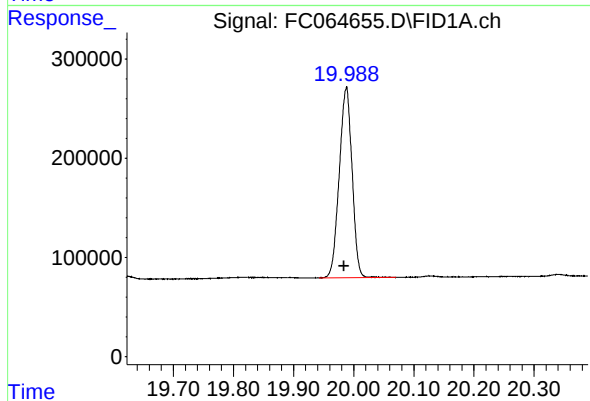
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 2987625
Conc: 20.47 ug/ml



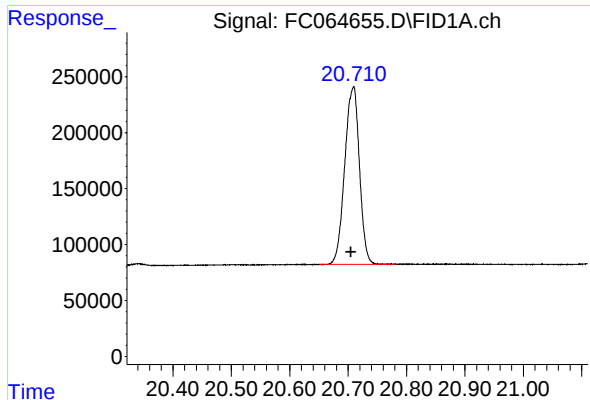
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.006 min
Response: 2884581
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

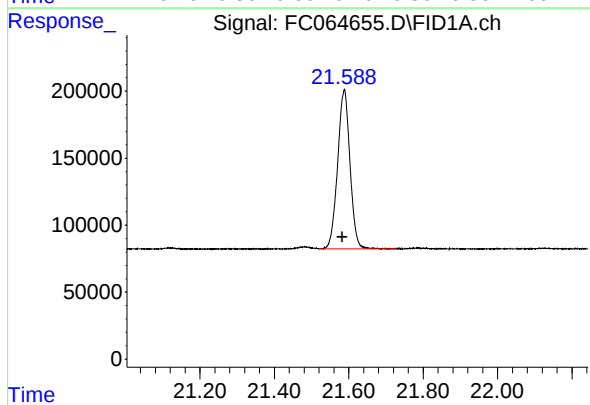
R.T.: 19.988 min
Delta R.T.: 0.004 min
Response: 2849131
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.003 min
Response: 2779164
Conc: 20.28 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.005 min
Response: 2742241
Conc: 20.16 ug/ml