

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112223AL\
 Data File : FC065276.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2023 14:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 22 22:46:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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

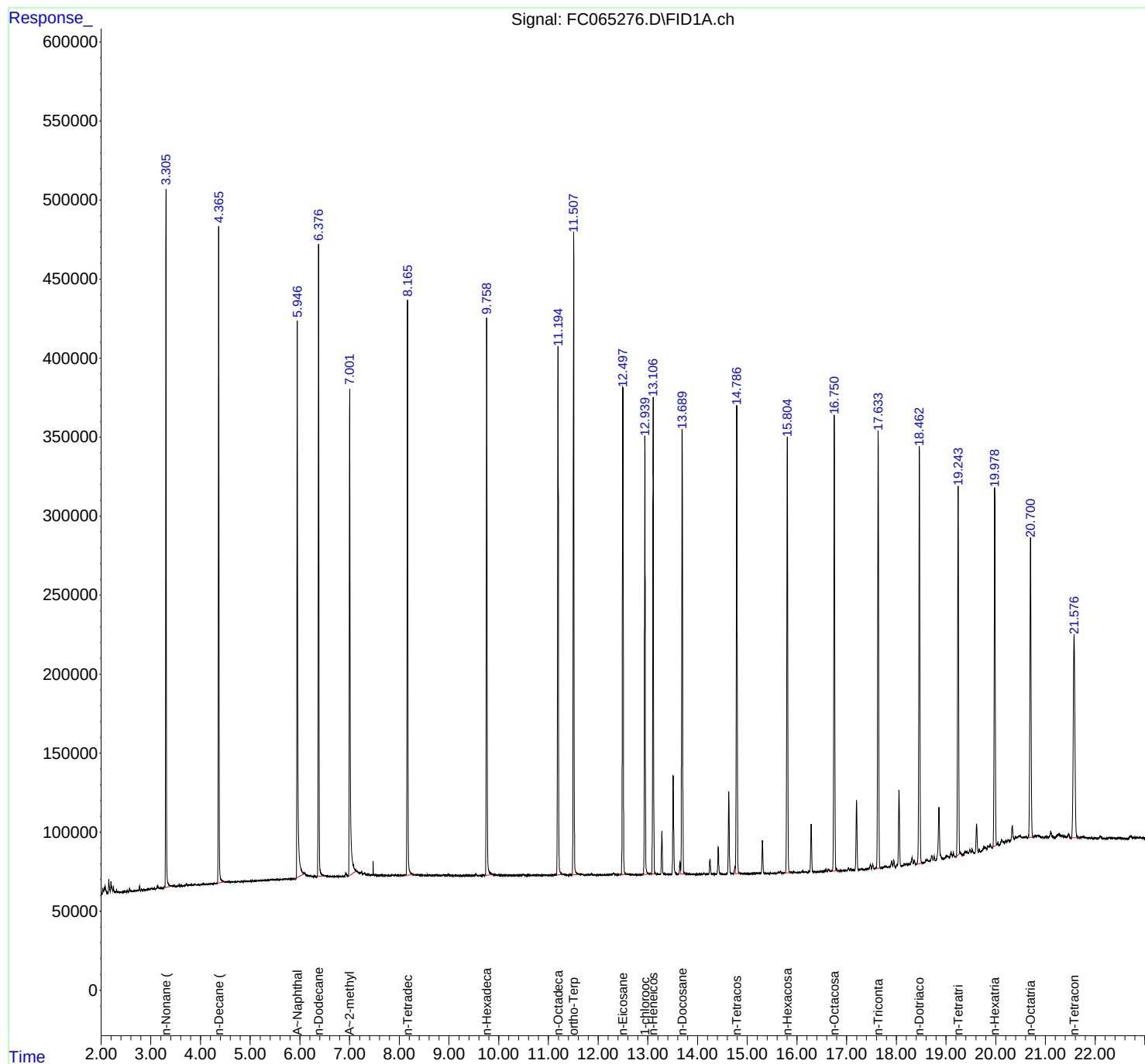
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.507	4509252	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	12.940	3254397	20.586 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.305	3768299	19.931 ug/ml
2) T n-Decane (C10)	4.365	3872184	20.364 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3887065	20.132 ug/ml
4) T n-Dodecane (C12)	6.376	3938769	20.390 ug/ml
5) T A~2-methylnaphthalene...	7.001	3731522	20.306 ug/ml
6) T n-Tetradecane (C14)	8.165	3862125	20.468 ug/ml
7) T n-Hexadecane (C16)	9.759	3863726	20.440 ug/ml
8) T n-Octadecane (C18)	11.194	3886493	20.593 ug/ml
10) T n-Eicosane (C20)	12.497	3731420	20.755 ug/ml
11) T n-Heneicosane (C21)	13.106	3609580	20.559 ug/ml
13) T n-Docosane (C22)	13.689	3645272	21.222 ug/ml
14) T n-Tetracosane (C24)	14.787	3679555	22.092 ug/ml
15) T n-Hexacosane (C26)	15.804	3657114	22.785 ug/ml
16) T n-Octacosane (C28)	16.750	3699808	23.641 ug/ml
17) T n-Tricontane (C30)	17.633	3797078	23.973 ug/ml
18) T n-Dotriacontane (C32)	18.463	3719316	23.556 ug/ml
19) T n-Tetratriacontane (C34)	19.243	3352866	21.966 ug/ml
20) T n-Hexatriacontane (C36)	19.979	3192808	21.161 ug/ml
21) T n-Octatriacontane (C38)	20.699	3075232	20.665 ug/ml
22) T n-Tetracontane (C40)	21.576	3003920	20.424 ug/ml

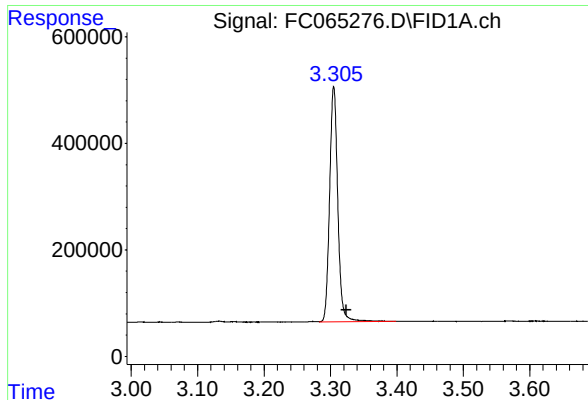
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

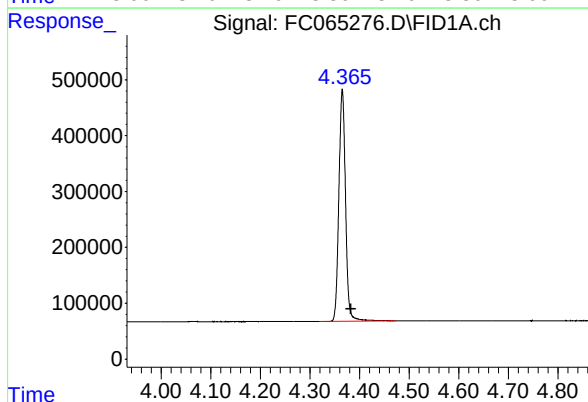




#1 n-Nonane (C9)

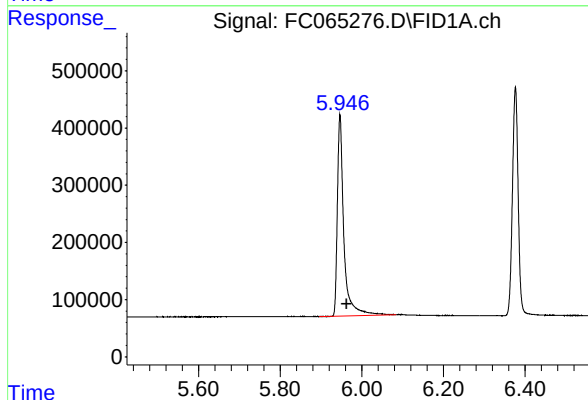
R.T.: 3.305 min
Delta R.T.: -0.019 min
Response: 3768299
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :



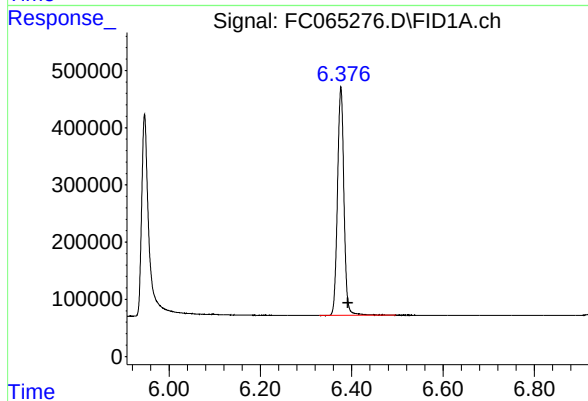
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.018 min
Response: 3872184
Conc: 20.36 ug/ml



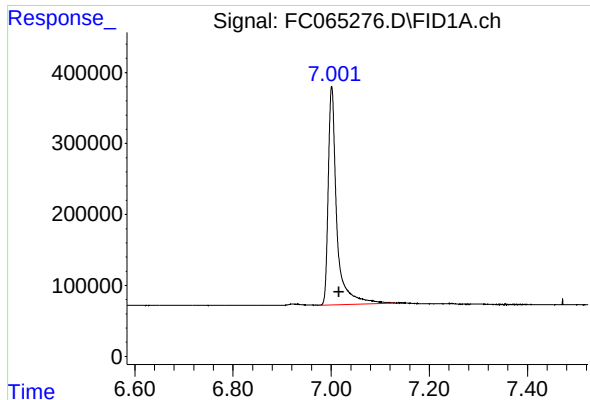
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 3887065
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.015 min
Response: 3938769
Conc: 20.39 ug/ml



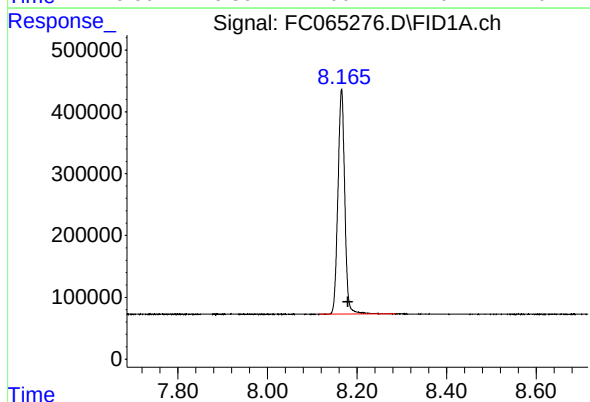
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.014 min
Response: 3731522
Conc: 20.31 ug/ml

Instrument :

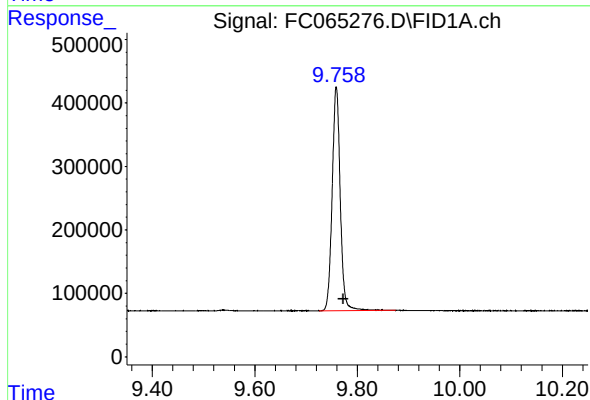
FID_C

ClientSampleId :



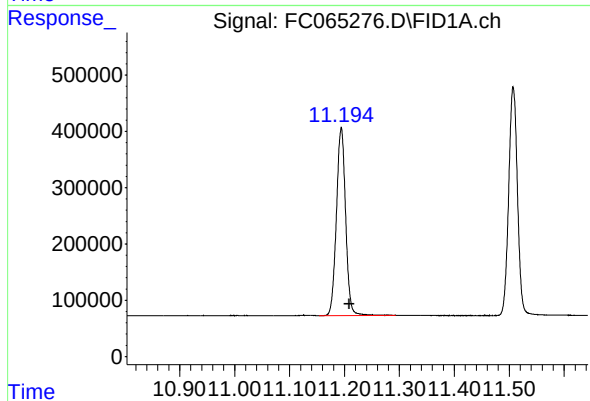
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.014 min
Response: 3862125
Conc: 20.47 ug/ml



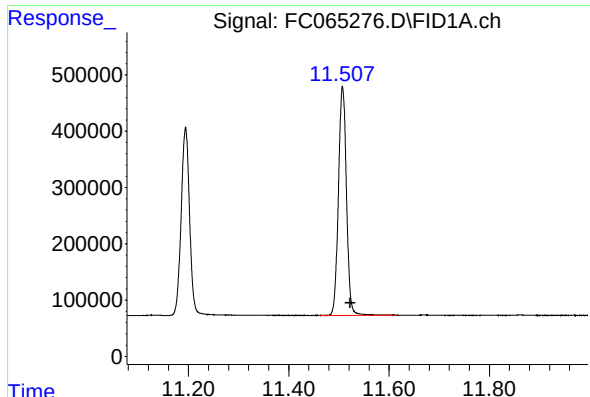
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.014 min
Response: 3863726
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

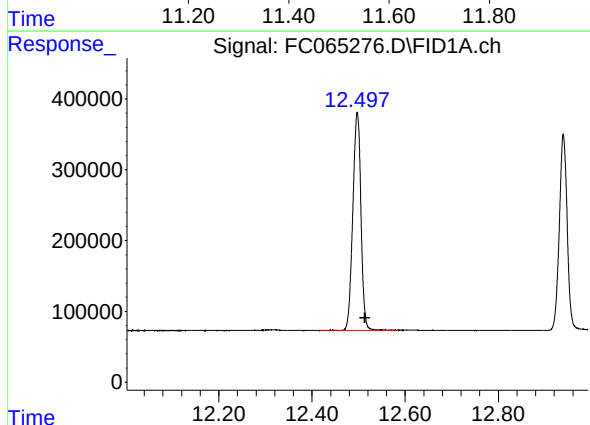
R.T.: 11.194 min
Delta R.T.: -0.014 min
Response: 3886493
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

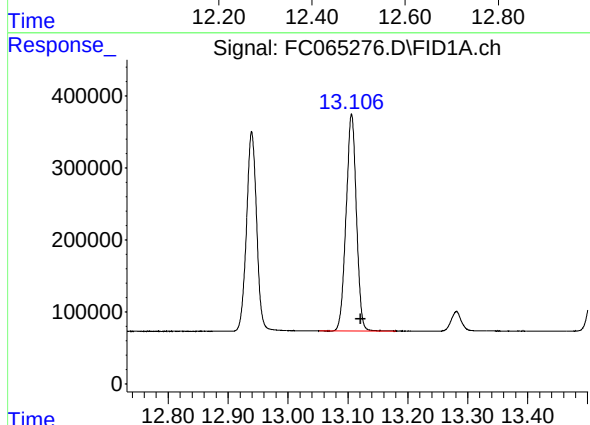
R.T.: 11.507 min
Delta R.T.: -0.015 min
Response: 4509252
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :



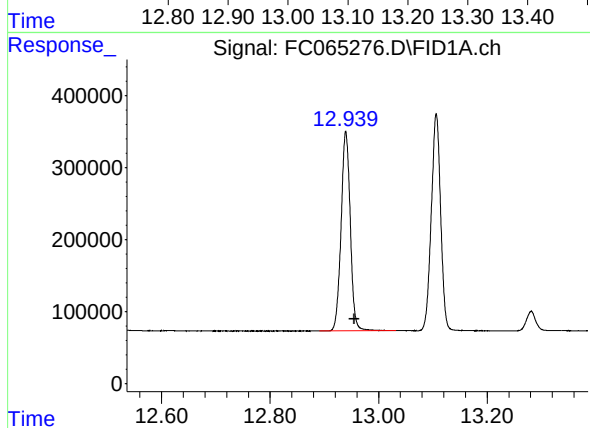
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.016 min
Response: 3731420
Conc: 20.76 ug/ml



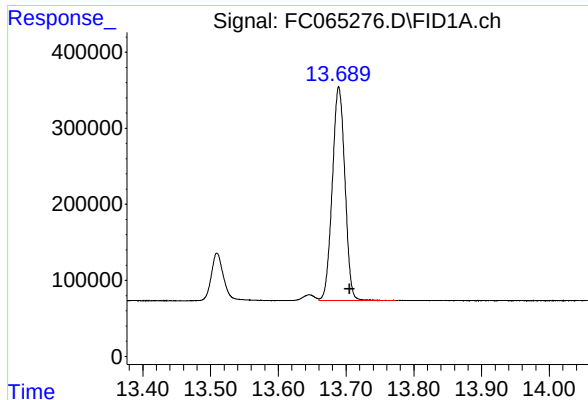
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.015 min
Response: 3609580
Conc: 20.56 ug/ml



#12 1-chlorooctadecane (SURR)

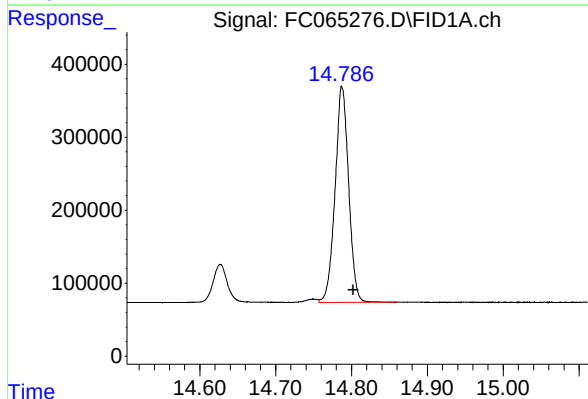
R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 3254397
Conc: 20.59 ug/ml



#13 n-Docosane (C22)

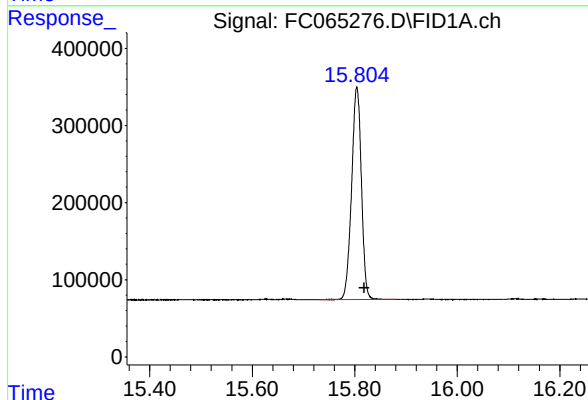
R.T.: 13.689 min
Delta R.T.: -0.016 min
Response: 3645272
Conc: 21.22 ug/ml

Instrument :
FID_C
ClientSampleId :



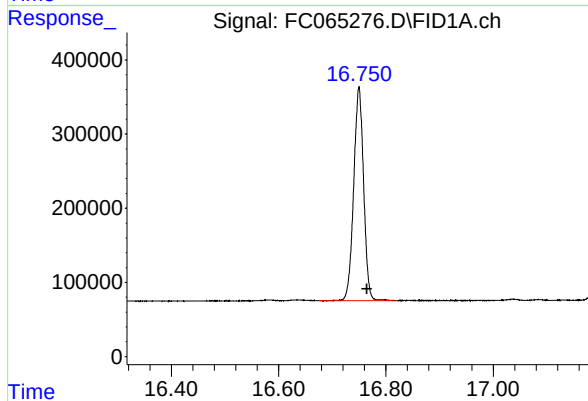
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.015 min
Response: 3679555
Conc: 22.09 ug/ml



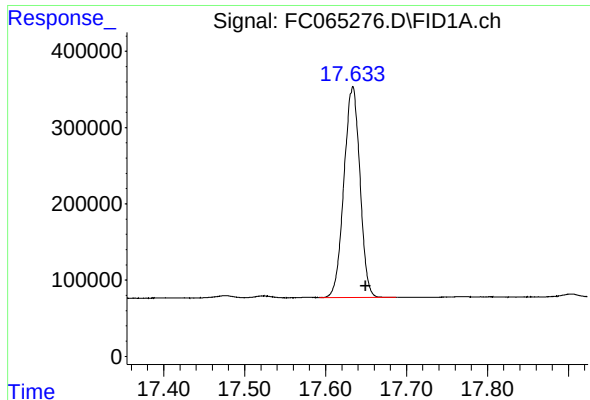
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.014 min
Response: 3657114
Conc: 22.78 ug/ml



#16 n-Octacosane (C28)

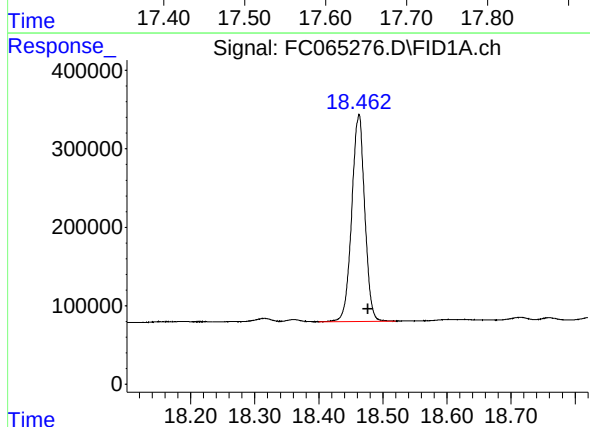
R.T.: 16.750 min
Delta R.T.: -0.015 min
Response: 3699808
Conc: 23.64 ug/ml



#17 n-Tricontane (C30)

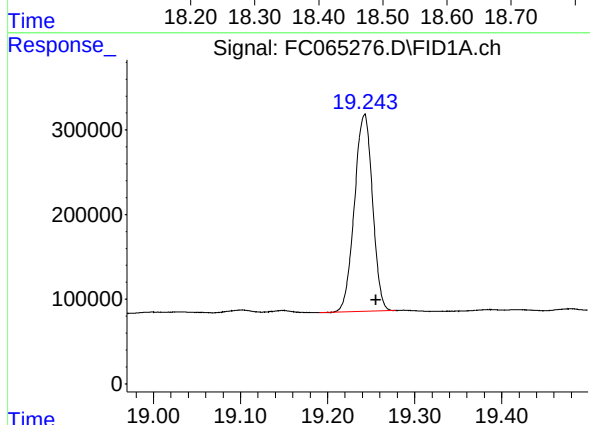
R.T.: 17.633 min
Delta R.T.: -0.016 min
Response: 3797078
Conc: 23.97 ug/ml

Instrument :
FID_C
ClientSampleId :



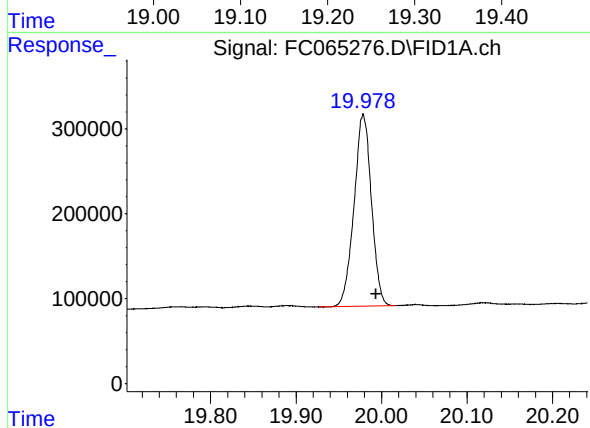
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.014 min
Response: 3719316
Conc: 23.56 ug/ml



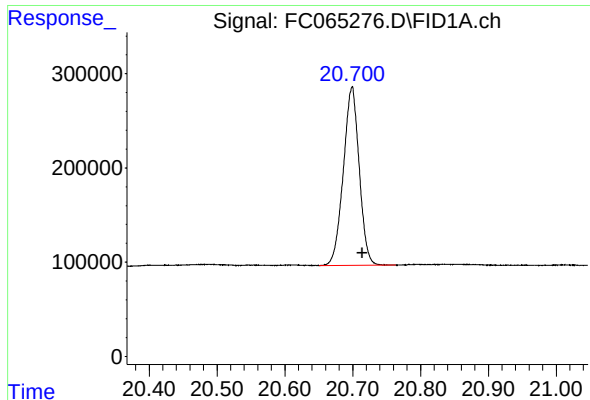
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.013 min
Response: 3352866
Conc: 21.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.979 min
Delta R.T.: -0.015 min
Response: 3192808
Conc: 21.16 ug/ml



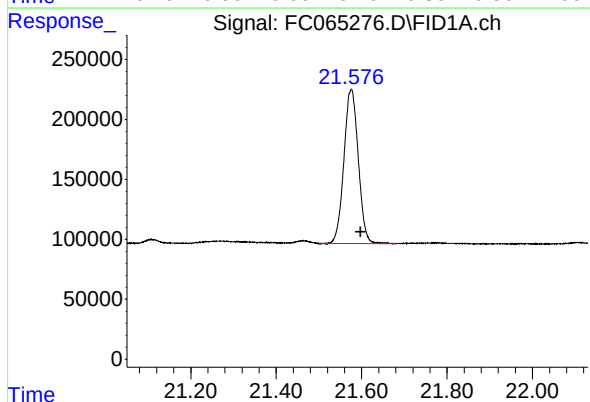
#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.015 min
Response: 3075232
Conc: 20.66 ug/ml

Instrument :

FID_C

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.022 min
Response: 3003920
Conc: 20.42 ug/ml