

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121523AL\
 Data File : FCCCC02.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2023 00:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 02:38:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.500	4221972	18.198 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
12) S 1-chlorooctadecane (S...	12.932	3064907	18.509 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.299	3510536	17.532 ug/ml
2) T n-Decane (C10)	4.358	3689999	18.359 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3786396	18.650 ug/ml
4) T n-Dodecane (C12)	6.369	3771242	18.545 ug/ml
5) T A~2-methylnaphthalene...	6.994	3644242	18.750 ug/ml
6) T n-Tetradecane (C14)	8.158	3662580	18.430 ug/ml
7) T n-Hexadecane (C16)	9.752	3642312	18.387 ug/ml
8) T n-Octadecane (C18)	11.187	3646048	18.408 ug/ml
10) T n-Eicosane (C20)	12.490	3495490	18.472 ug/ml
11) T n-Heneicosane (C21)	13.099	3379987	18.293 ug/ml
13) T n-Docosane (C22)	13.682	3397716	18.833 ug/ml
14) T n-Tetracosane (C24)	14.780	3467713	20.001 ug/ml
15) T n-Hexacosane (C26)	15.796	3386279	20.336 ug/ml
16) T n-Octacosane (C28)	16.742	3413789	21.344 ug/ml
17) T n-Tricontane (C30)	17.625	3687390	23.158 ug/ml
18) T n-Dotriacontane (C32)	18.453	3676089	23.384 ug/ml
19) T n-Tetratriacontane (C34)	19.233	3311596	21.459 ug/ml
20) T n-Hexatriacontane (C36)	19.970	3159033	20.608 ug/ml
21) T n-Octatriacontane (C38)	20.689	2972860	19.550 ug/ml
22) T n-Tetracontane (C40)	21.564	2877927	19.198 ug/ml

(f)=RT Delta > 1/2 Window

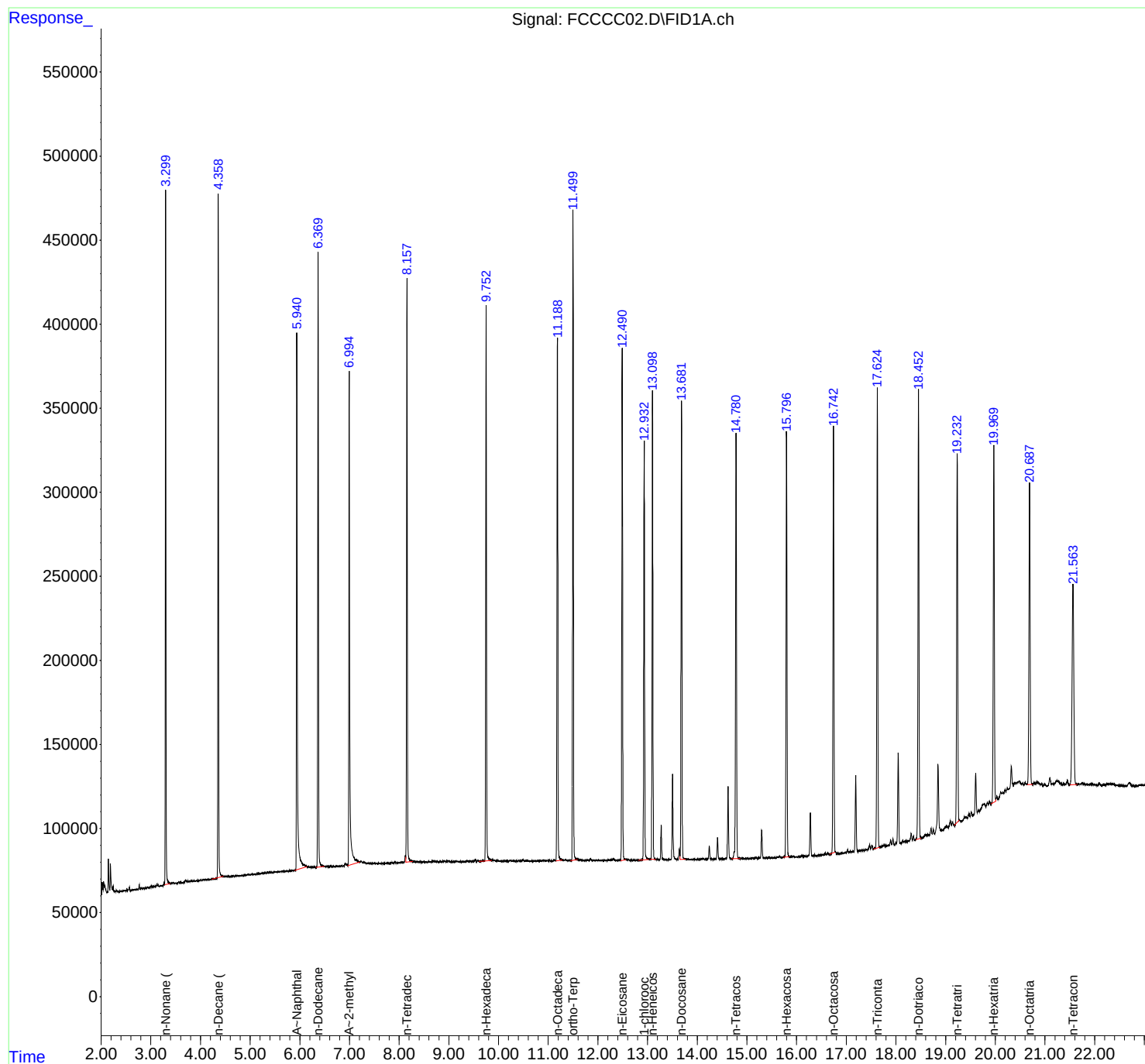
(m)=manual int.

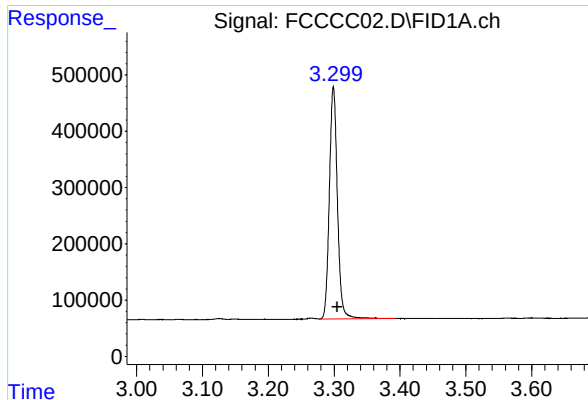
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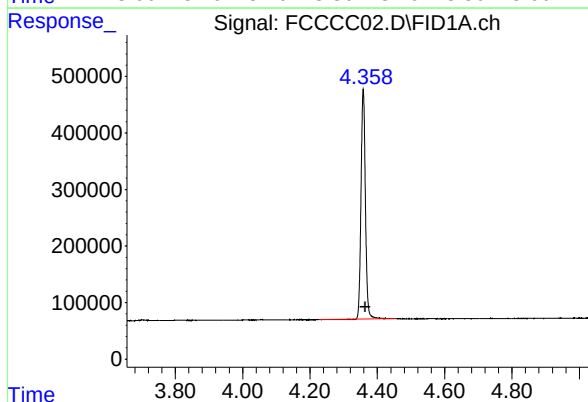




#1 n-Nonane (C9)

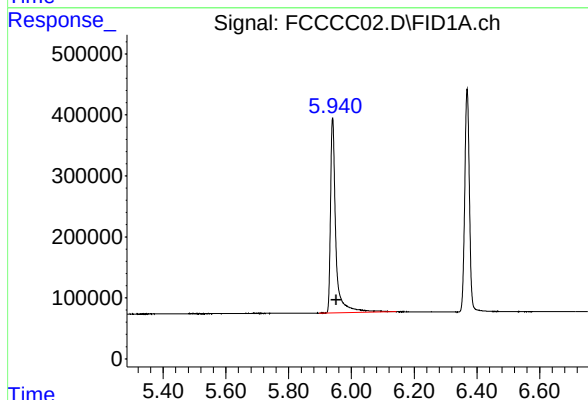
R.T.: 3.299 min
Delta R.T.: -0.006 min
Response: 3510536
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :



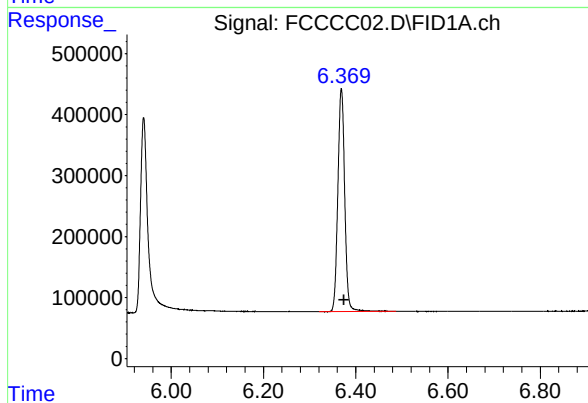
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 3689999
Conc: 18.36 ug/ml



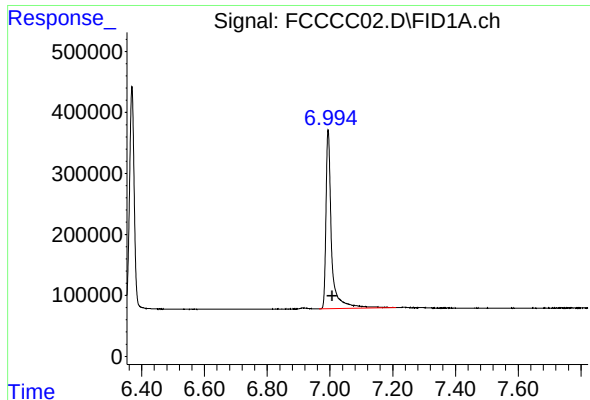
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 3786396
Conc: 18.65 ug/ml



#4 n-Dodecane (C12)

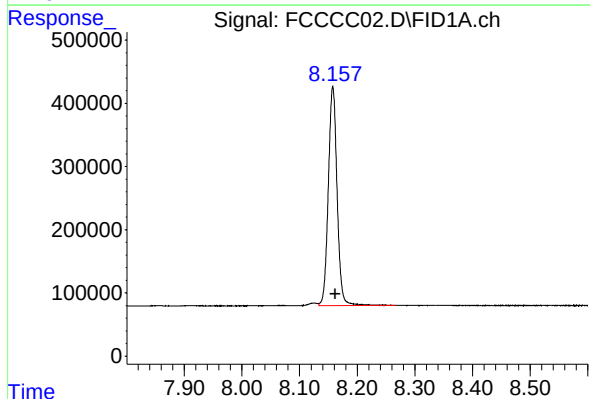
R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 3771242
Conc: 18.54 ug/ml



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

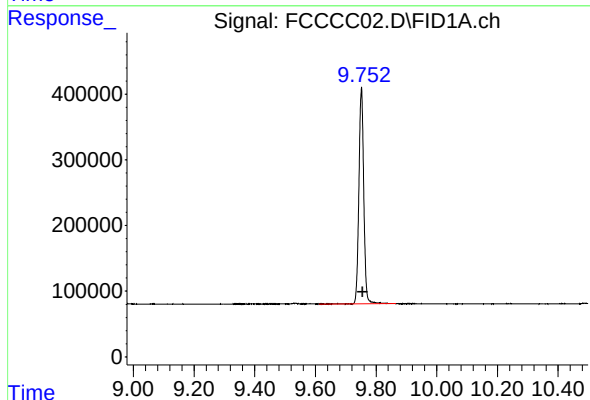
R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 3644242
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :



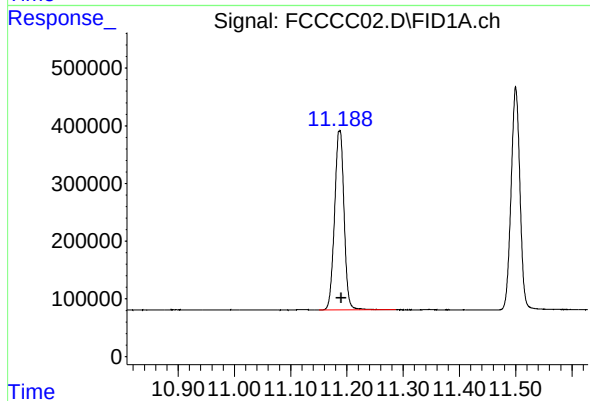
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.005 min
Response: 3662580
Conc: 18.43 ug/ml



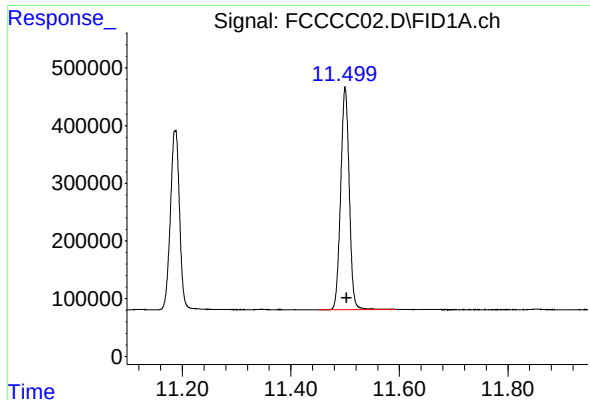
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3642312
Conc: 18.39 ug/ml



#8 n-Octadecane (C18)

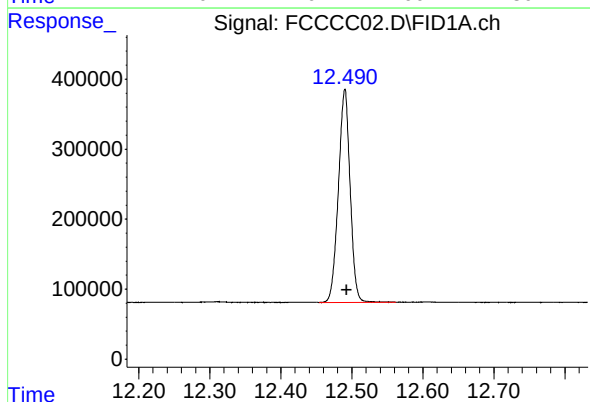
R.T.: 11.187 min
Delta R.T.: -0.003 min
Response: 3646048
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

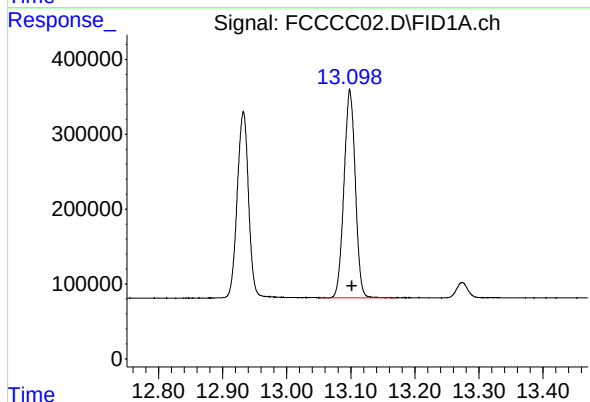
R.T.: 11.500 min
Delta R.T.: -0.003 min
Response: 4221972
Conc: 18.20 ug/ml

Instrument :
FID_C
ClientSampleId :



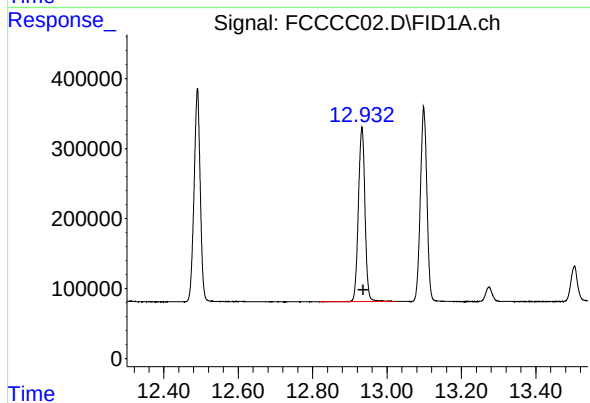
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 3495490
Conc: 18.47 ug/ml



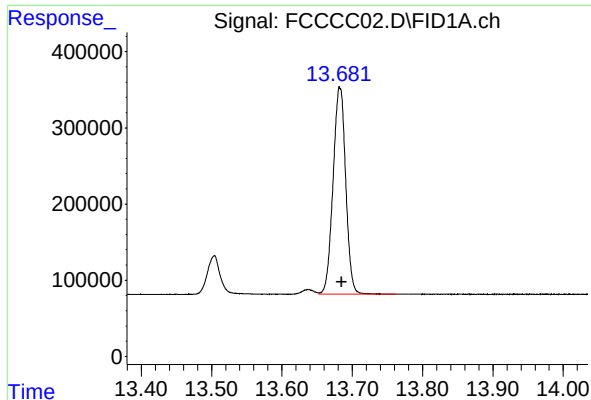
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 3379987
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

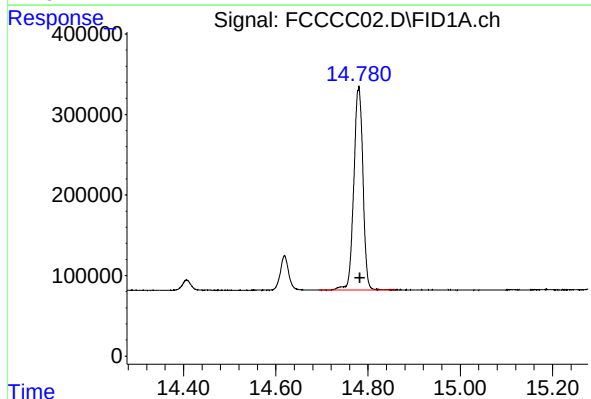
R.T.: 12.932 min
Delta R.T.: -0.004 min
Response: 3064907
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

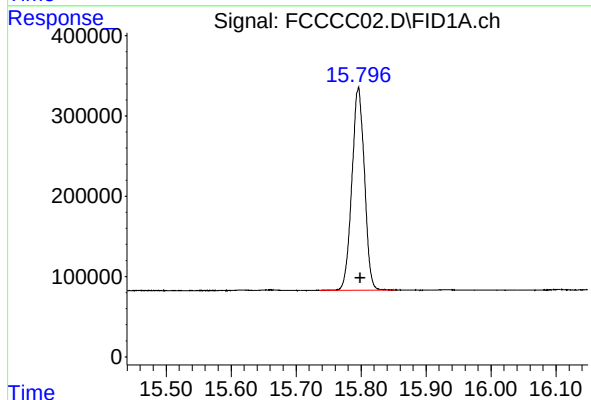
R.T.: 13.682 min
Delta R.T.: -0.003 min
Response: 3397716
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



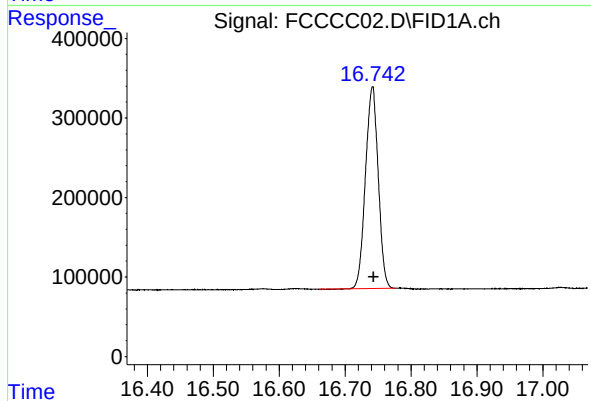
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: -0.003 min
Response: 3467713
Conc: 20.00 ug/ml



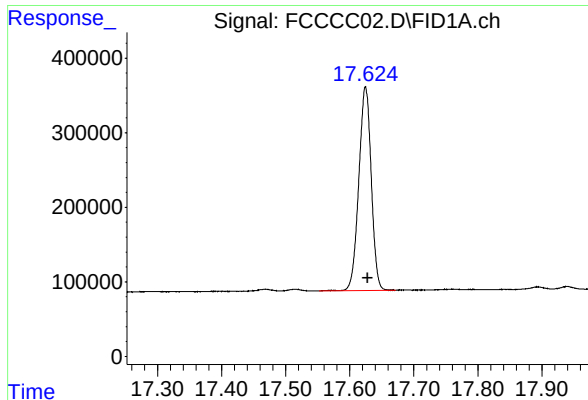
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: -0.003 min
Response: 3386279
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

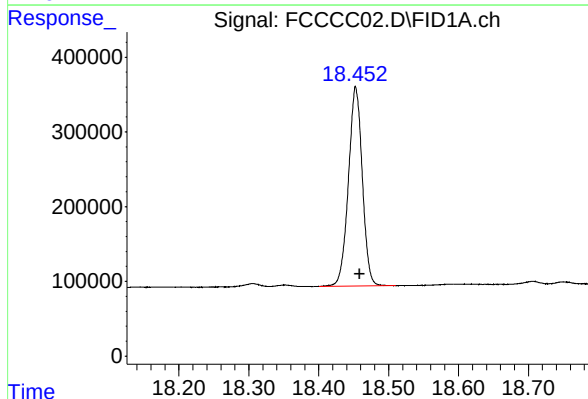
R.T.: 16.742 min
Delta R.T.: -0.002 min
Response: 3413789
Conc: 21.34 ug/ml



#17 n-Tricontane (C30)

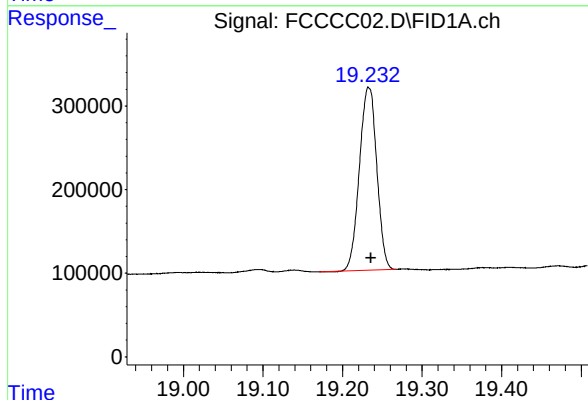
R.T.: 17.625 min
Delta R.T.: -0.003 min
Response: 3687390
Conc: 23.16 ug/ml

Instrument :
FID_C
ClientSampleId :



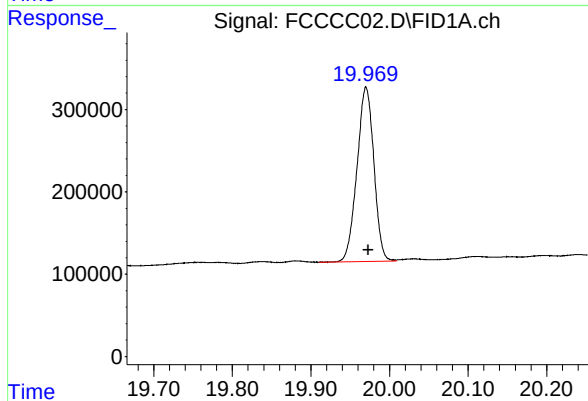
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.006 min
Response: 3676089
Conc: 23.38 ug/ml



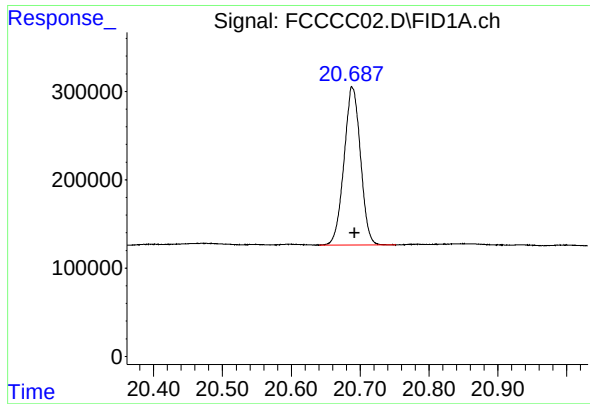
#19 n-Tetatriacontane (C34)

R.T.: 19.233 min
Delta R.T.: -0.003 min
Response: 3311596
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

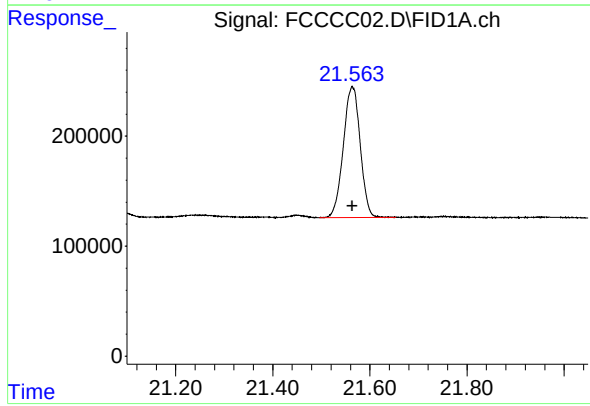
R.T.: 19.970 min
Delta R.T.: -0.003 min
Response: 3159033
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: -0.003 min
Response: 2972860
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.564 min
Delta R.T.: 0.000 min
Response: 2877927
Conc: 19.20 ug/ml