

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112119AL\
 Data File : FD031623.D
 Signal(s) : FID2B.CH
 Acq On : 21 Nov 2019 11:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 22 01:27:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.542	3077996	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
12) S 1-chlorooctadecane (S...	12.972	2285888	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
Target Compounds			
1) T n-Nonane (C9)	3.337	2931398	22.098 ug/ml
2) T n-Decane (C10)	4.401	2964279	22.225 ug/ml
3) T A~Naphthalene (C11.7)	5.980	3285596	21.937 ug/ml
4) T n-Dodecane (C12)	6.412	2958574	21.969 ug/ml
5) T A~2-methylnaphthalene...	7.032	3299834	21.772 ug/ml
6) T n-Tetradecane (C14)	8.199	2916095	21.641 ug/ml
7) T n-Hexadecane (C16)	9.792	2867190	21.385 ug/ml
8) T n-Octadecane (C18)	11.227	2816490	21.117 ug/ml
10) T n-Eicosane (C20)	12.530	2759881	20.923 ug/ml
11) T n-Heneicosane (C21)	13.139	2695642	20.371 ug/ml
13) T n-Docosane (C22)	13.722	2732020	20.806 ug/ml
14) T n-Tetracosane (C24)	14.820	2795149	21.360 ug/ml
15) T n-Hexacosane (C26)	15.835	2944162	22.789 ug/ml
16) T n-Octacosane (C28)	16.778	3047645	23.816 ug/ml
17) T n-Tricontane (C30)	17.661	3042051	23.849 ug/ml
18) T n-Dotriacontane (C32)	18.488	2852007	23.118 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2596491	21.706 ug/ml
20) T n-Hexatriacontane (C36)	20.002	2436706	21.350 ug/ml
21) T n-Octatriacontane (C38)	20.720	2314525	22.037 ug/ml
22) T n-Tetracontane (C40)	21.590	2372904	22.097 ug/ml

(f)=RT Delta > 1/2 Window

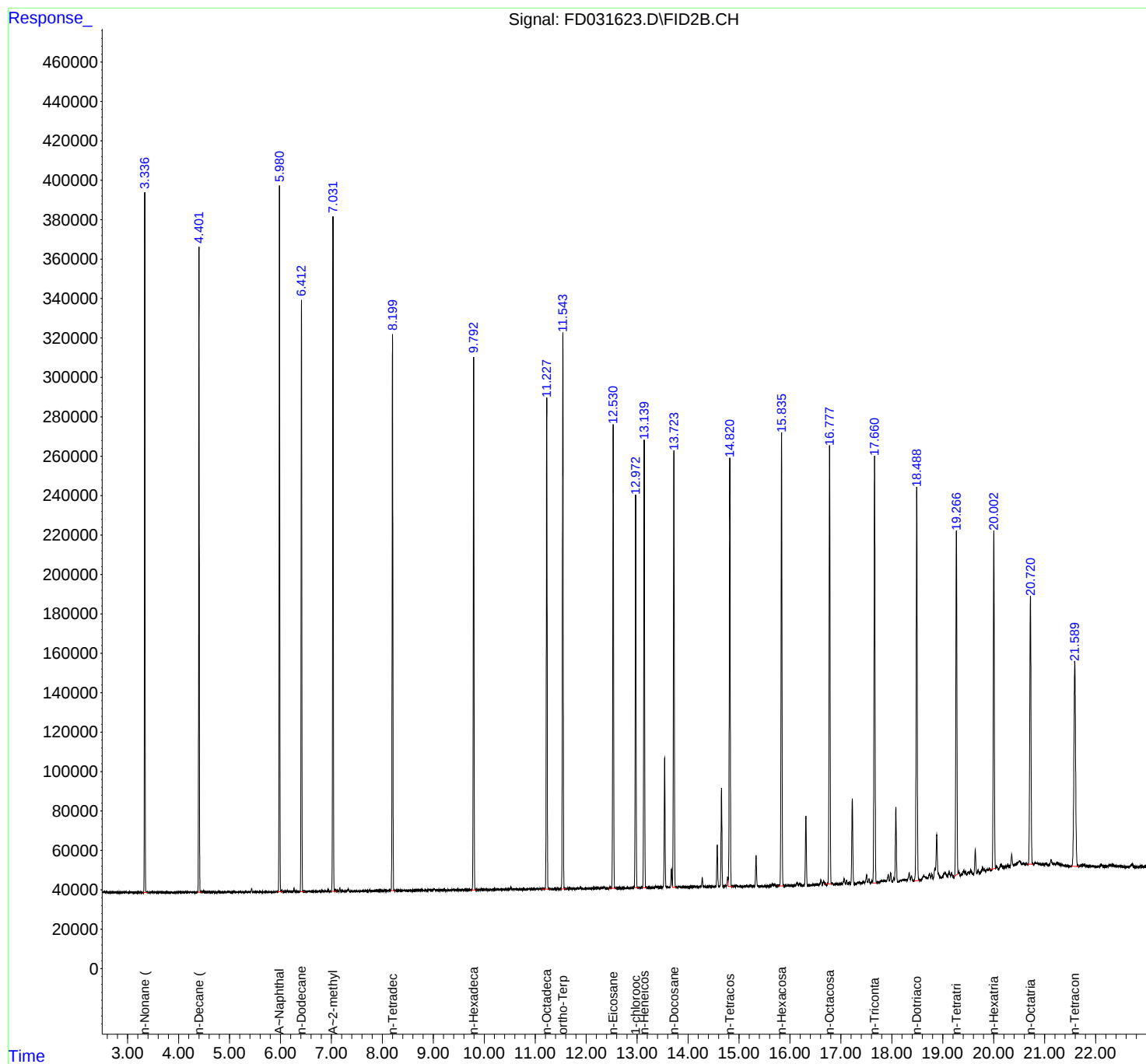
(m)=manual int.

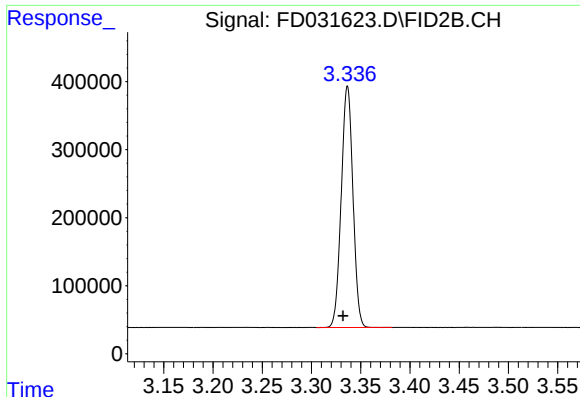
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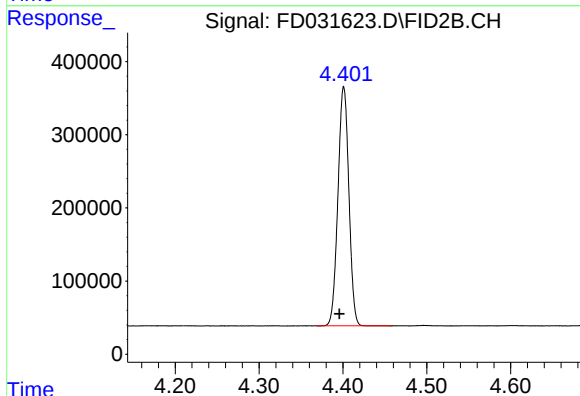




#1 n-Nonane (C9)

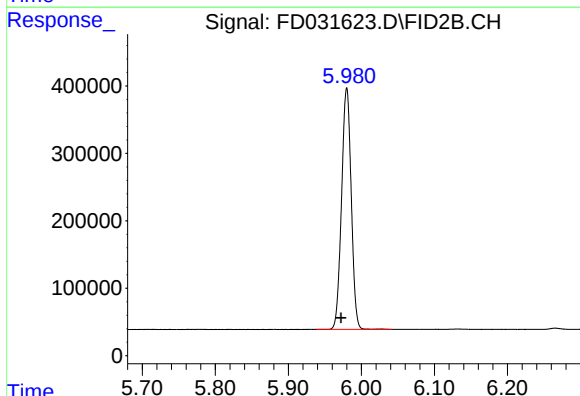
R.T.: 3.337 min
Delta R.T.: 0.005 min
Response: 2931398
Conc: 22.10 ug/ml

Instrument :
FID_D
ClientSampleId :



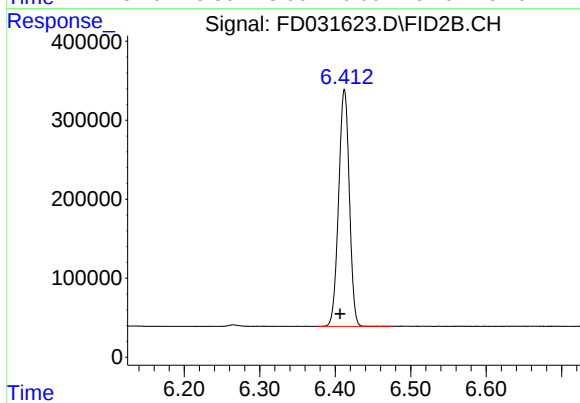
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: 0.005 min
Response: 2964279
Conc: 22.23 ug/ml



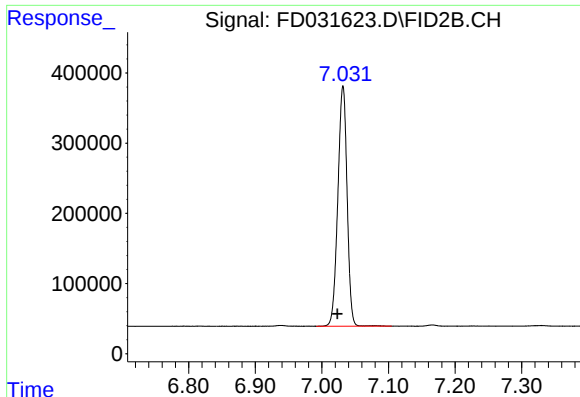
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.008 min
Response: 3285596
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

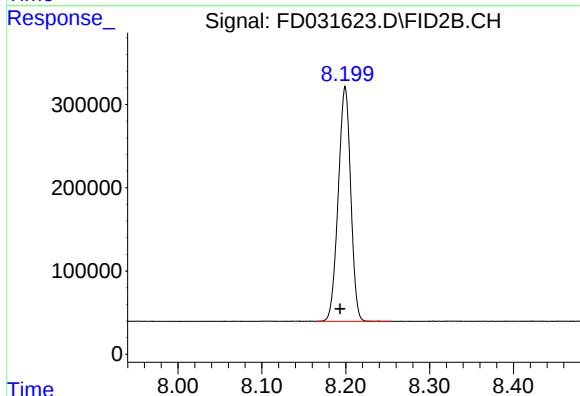
R.T.: 6.412 min
Delta R.T.: 0.006 min
Response: 2958574
Conc: 21.97 ug/ml



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

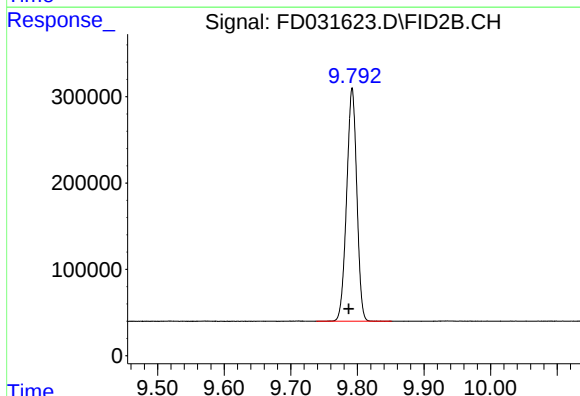
R.T.: 7.032 min
Delta R.T.: 0.008 min
Response: 3299834
Conc: 21.77 ug/ml

Instrument :
FID_D
ClientSampleId :



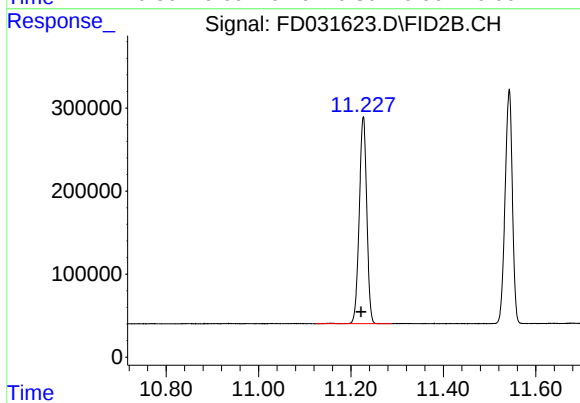
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.006 min
Response: 2916095
Conc: 21.64 ug/ml



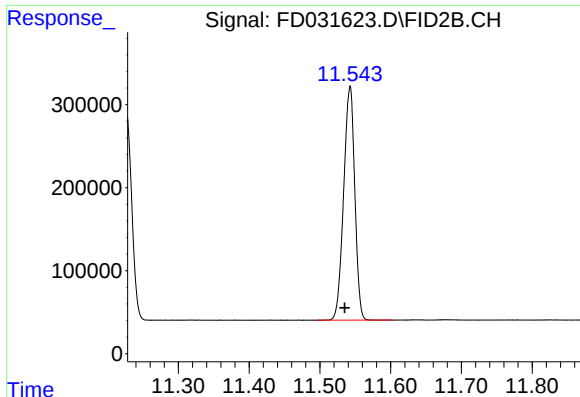
#7 n-Hexadecane (C16)

R.T.: 9.792 min
Delta R.T.: 0.005 min
Response: 2867190
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

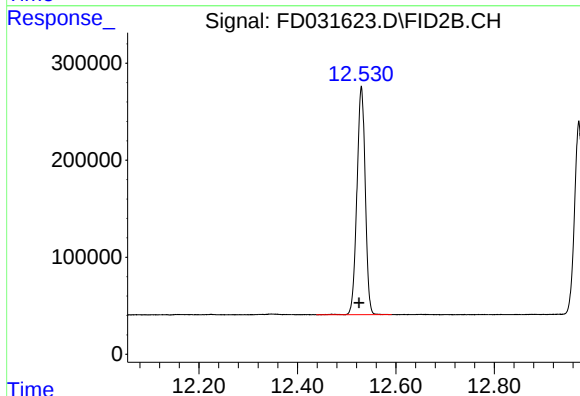
R.T.: 11.227 min
Delta R.T.: 0.005 min
Response: 2816490
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

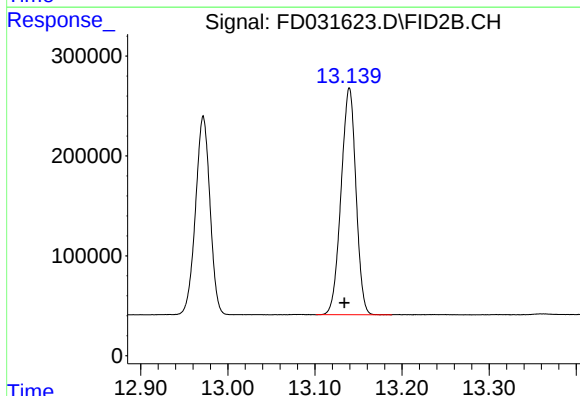
R.T.: 11.542 min
Delta R.T.: 0.007 min
Response: 3077996
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :



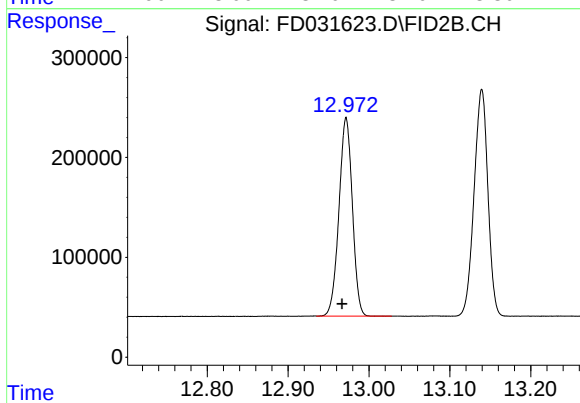
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.005 min
Response: 2759881
Conc: 20.92 ug/ml



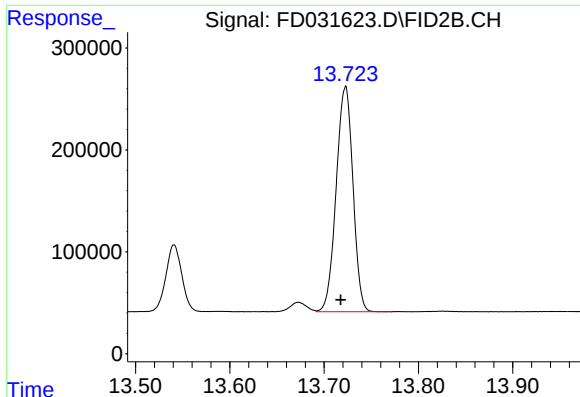
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.005 min
Response: 2695642
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

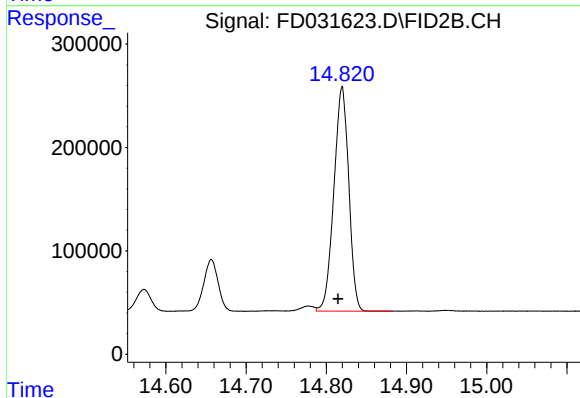
R.T.: 12.972 min
Delta R.T.: 0.005 min
Response: 2285888
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

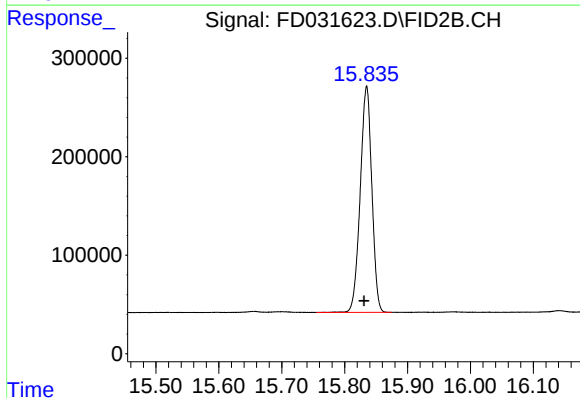
R.T.: 13.722 min
Delta R.T.: 0.005 min
Response: 2732020
Conc: 20.81 ug/ml

Instrument :
FID_D
ClientSampleId :



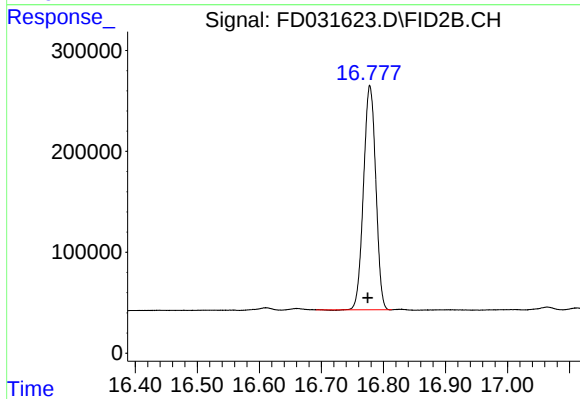
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.005 min
Response: 2795149
Conc: 21.36 ug/ml



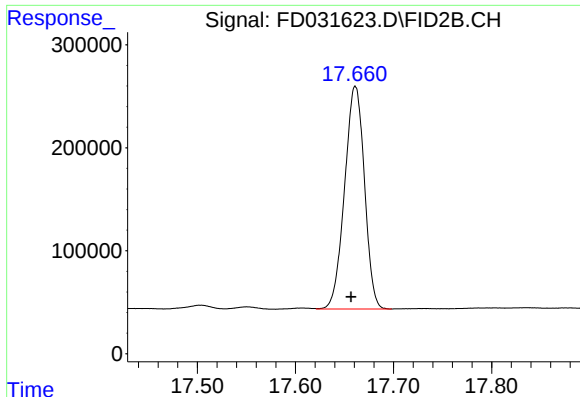
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.004 min
Response: 2944162
Conc: 22.79 ug/ml



#16 n-Octacosane (C28)

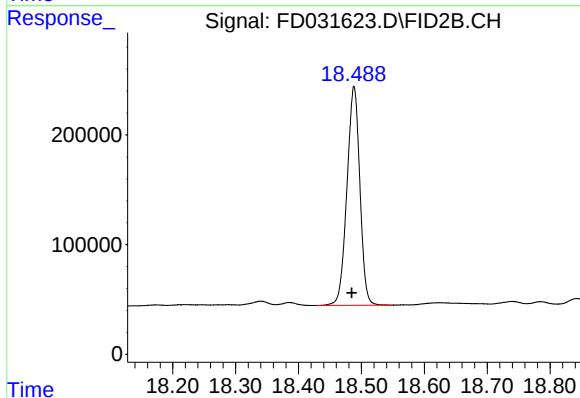
R.T.: 16.778 min
Delta R.T.: 0.004 min
Response: 3047645
Conc: 23.82 ug/ml



#17 n-Tricontane (C30)

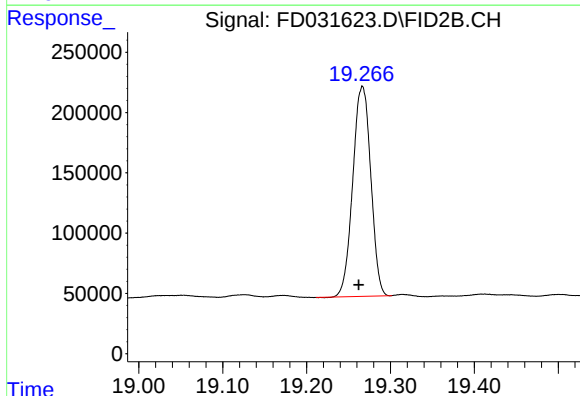
R.T.: 17.661 min
Delta R.T.: 0.004 min
Response: 3042051
Conc: 23.85 ug/ml

Instrument :
FID_D
ClientSampleId :



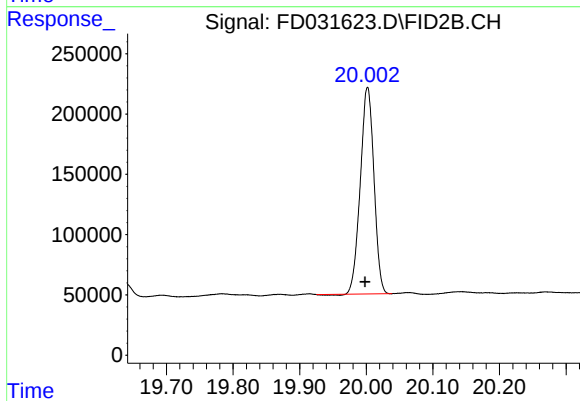
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.003 min
Response: 2852007
Conc: 23.12 ug/ml



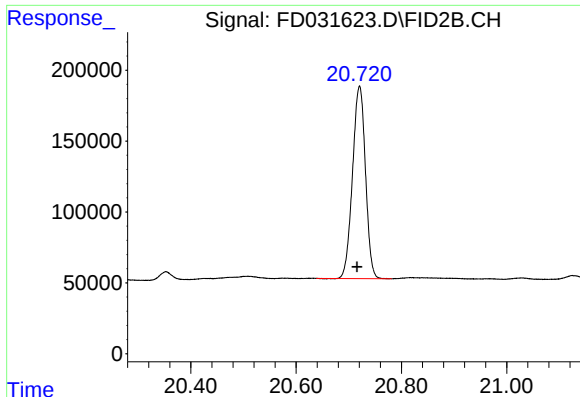
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.004 min
Response: 2596491
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

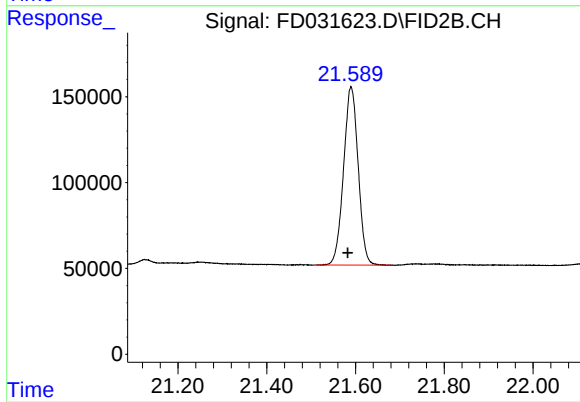
R.T.: 20.002 min
Delta R.T.: 0.004 min
Response: 2436706
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.005 min
Response: 2314525
Conc: 22.04 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.008 min
Response: 2372904
Conc: 22.10 ug/ml