

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011921AL\
 Data File : FC051760.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2021 23:17
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 20 00:41:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:39:02 2021
 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)	11.689	612795	4.714 ug/ml
Spiked Amount 50.000		Recovery =	9.43%
12) S 1-chlorooctadecane (S...	13.121	494052	4.706 ug/ml
Spiked Amount 50.000		Recovery =	9.41%
Target Compounds			
1) T n-Nonane (C9)	3.441	528906	4.726 ug/ml
2) T n-Decane (C10)	4.511	531925	4.720 ug/ml
3) T A~Naphthalene (C11.7)	6.103	600334	4.719 ug/ml
4) T n-Dodecane (C12)	6.531	541903	4.716 ug/ml
5) T A~2-methylnaphthalene...	7.158	615595	4.725 ug/ml
6) T n-Tetradecane (C14)	8.326	548832	4.728 ug/ml
7) T n-Hexadecane (C16)	9.926	547443	4.730 ug/ml
8) T n-Octadecane (C18)	11.366	576285	4.753 ug/ml
10) T n-Eicosane (C20)	12.676	583145	4.739 ug/ml
11) T n-Heneicosane (C21)	13.287	587589	4.760 ug/ml
13) T n-Docosane (C22)	13.874	585812	4.737 ug/ml
14) T n-Tetracosane (C24)	14.978	590022	4.771 ug/ml
15) T n-Hexacosane (C26)	15.998	578424	4.770 ug/ml
16) T n-Octacosane (C28)	16.948	566204	4.786 ug/ml
17) T n-Tricontane (C30)	17.836	547493	4.836 ug/ml
18) T n-Dotriacontane (C32)	18.668	501520	4.824 ug/ml
19) T n-Tetratriacontane (C34)	19.453	445794	4.680 ug/ml
20) T n-Hexatriacontane (C36)	20.192	404571	4.535 ug/ml
21) T n-Octatriacontane (C38)	20.948	387862	4.641 ug/ml
22) T n-Tetracontane (C40)	21.894	407481	4.623 ug/ml

(f)=RT Delta > 1/2 Window

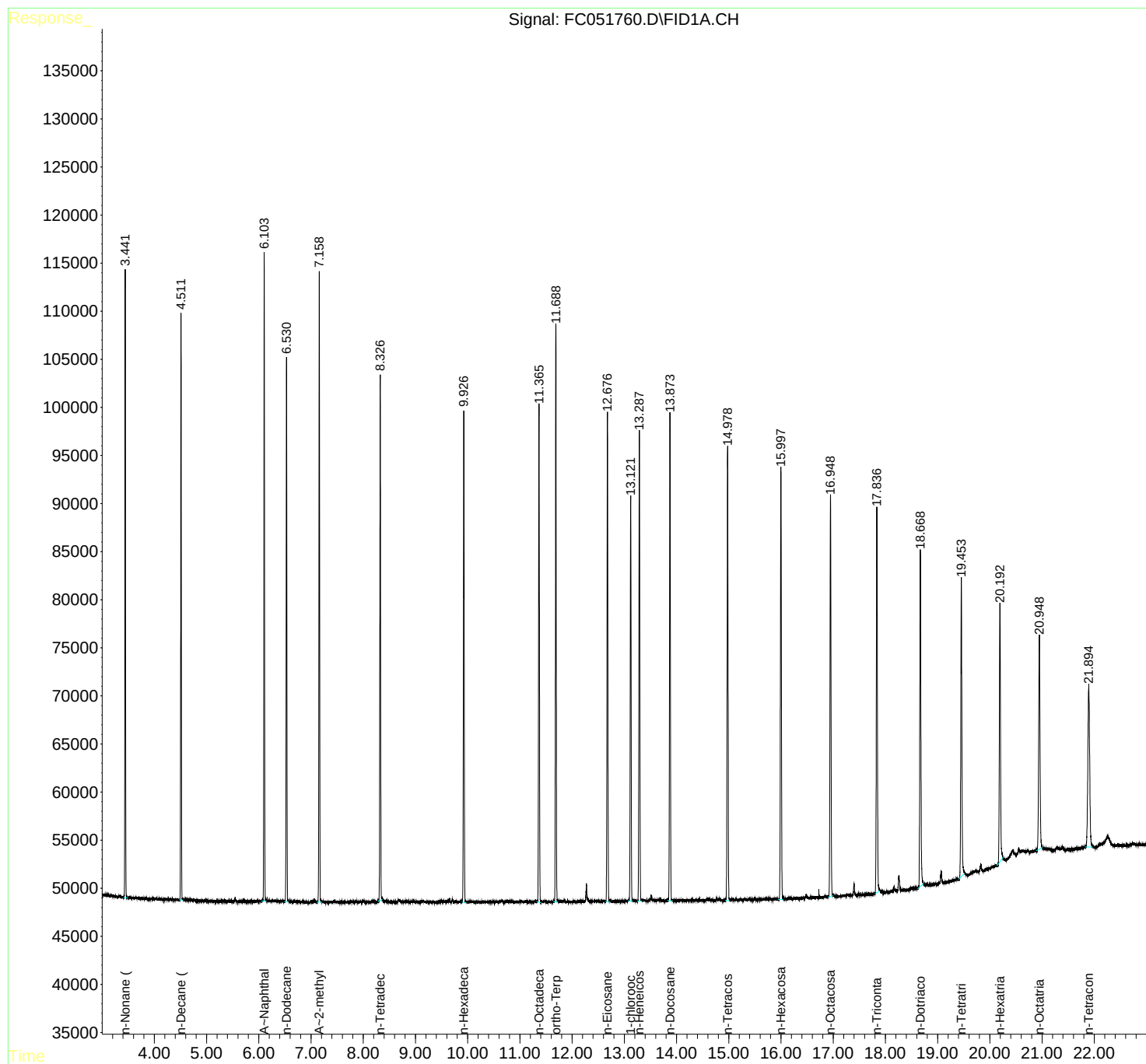
(m)=manual int.

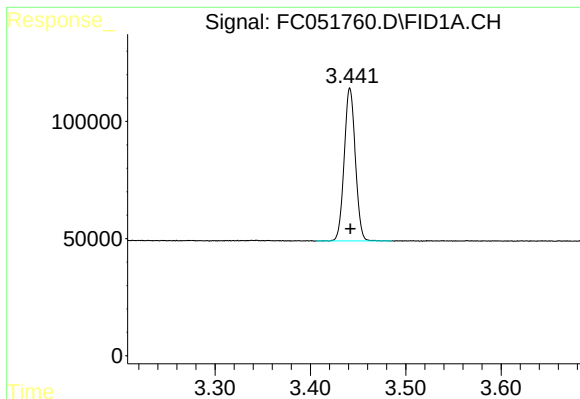
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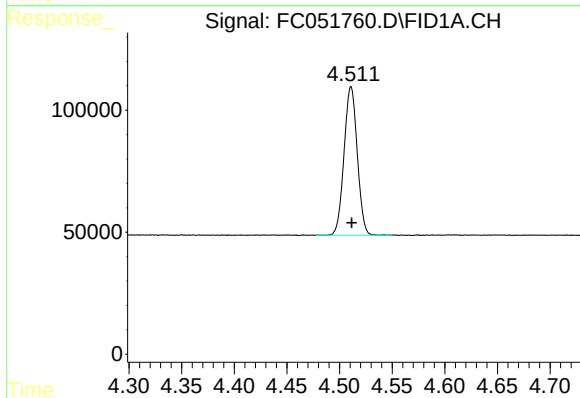




#1 n-Nonane (C9)

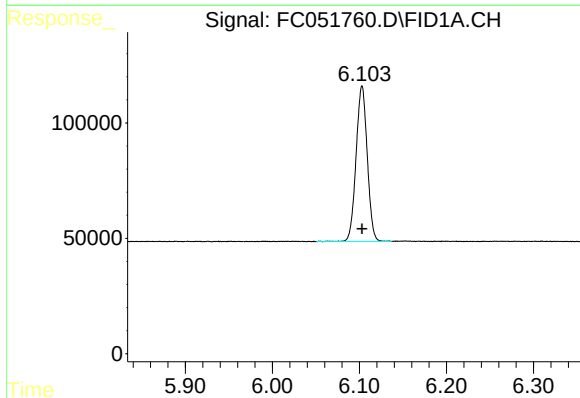
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 528906
Conc: 4.73 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



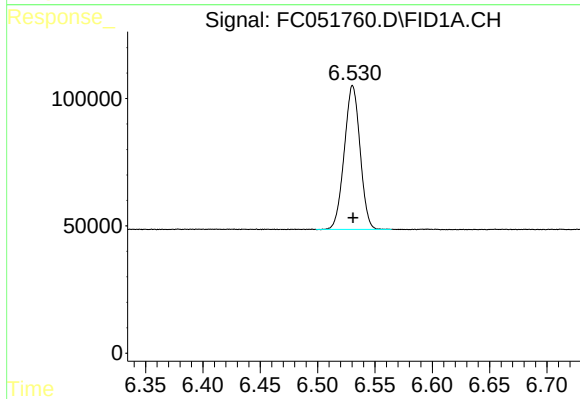
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 531925
Conc: 4.72 ug/ml



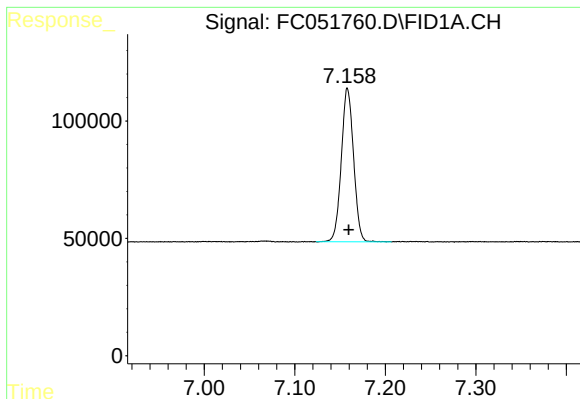
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 600334
Conc: 4.72 ug/ml



#4 n-Dodecane (C12)

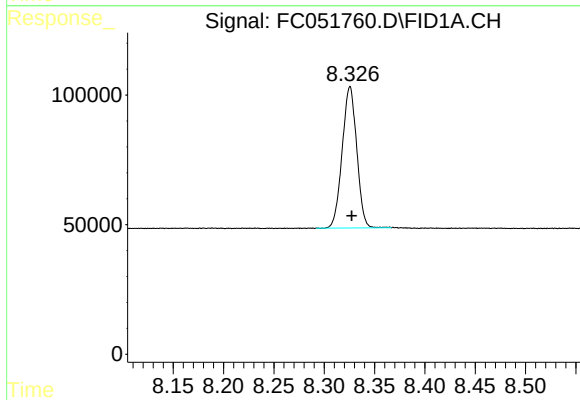
R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 541903
Conc: 4.72 ug/ml



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

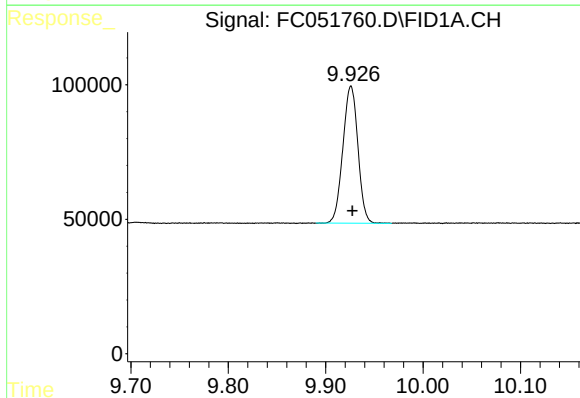
R.T.: 7.158 min
Delta R.T.: -0.001 min
Response: 615595
Conc: 4.72 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



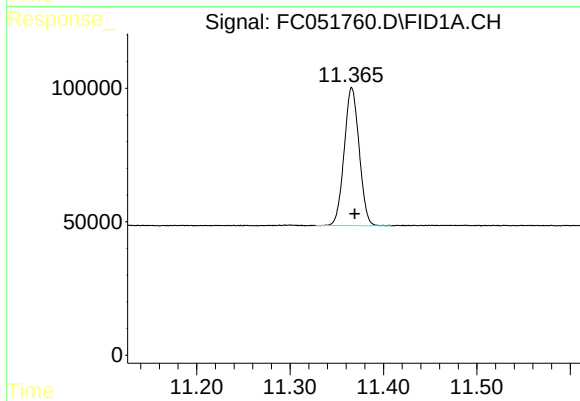
#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 548832
Conc: 4.73 ug/ml



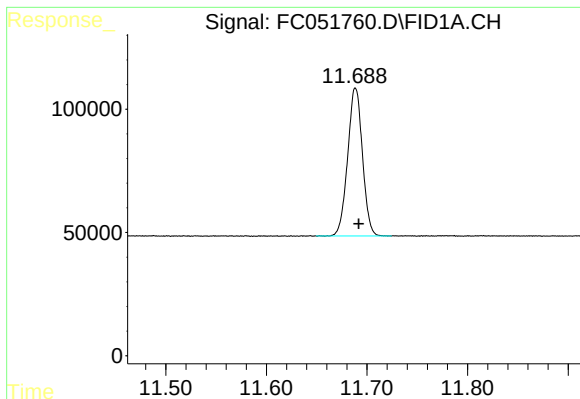
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: -0.001 min
Response: 547443
Conc: 4.73 ug/ml



#8 n-Octadecane (C18)

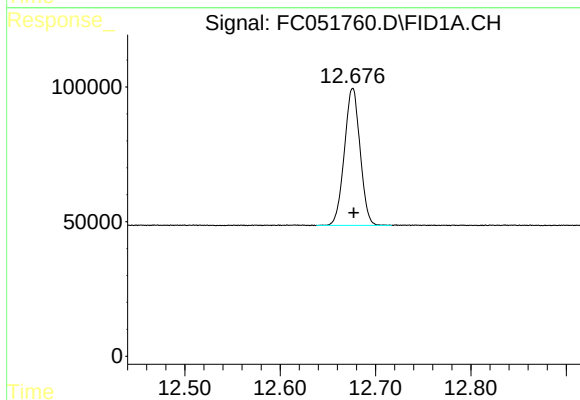
R.T.: 11.366 min
Delta R.T.: -0.003 min
Response: 576285
Conc: 4.75 ug/ml



#9 ortho-Terphenyl (SURR)

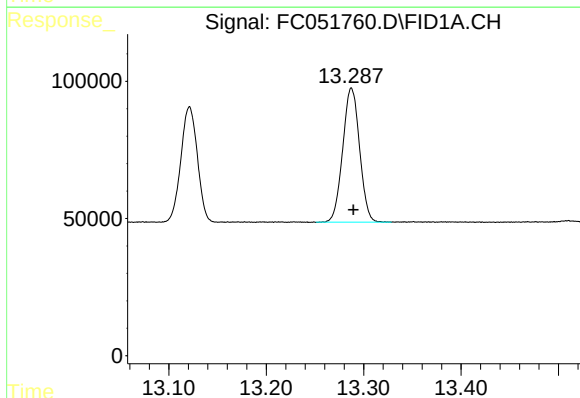
R.T.: 11.689 min
Delta R.T.: -0.003 min
Response: 612795
Conc: 4.71 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



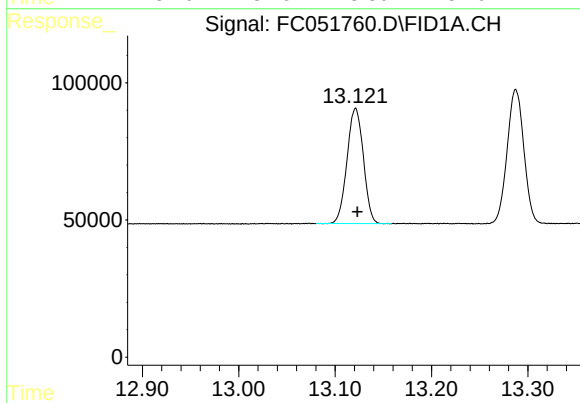
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: -0.001 min
Response: 583145
Conc: 4.74 ug/ml



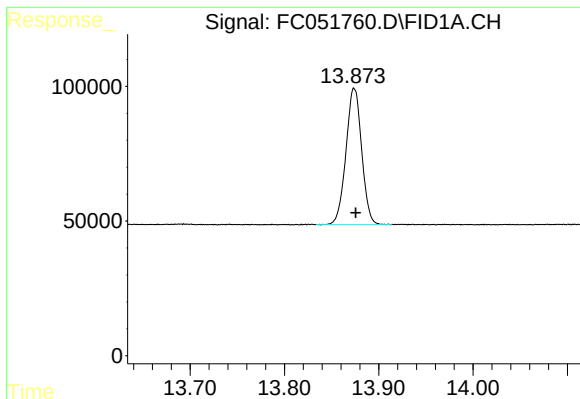
#11 n-Heneicosane (C21)

R.T.: 13.287 min
Delta R.T.: -0.002 min
Response: 587589
Conc: 4.76 ug/ml



#12 1-chlorooctadecane (SURR)

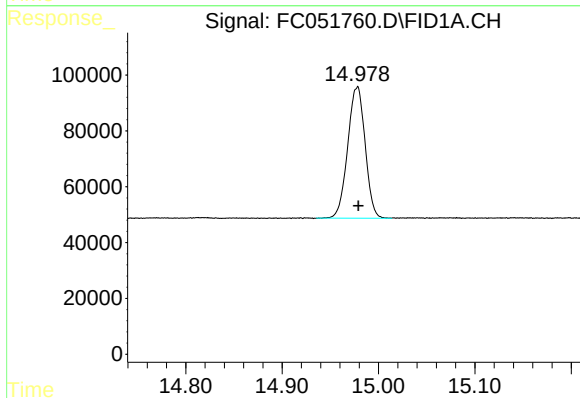
R.T.: 13.121 min
Delta R.T.: -0.002 min
Response: 494052
Conc: 4.71 ug/ml



#13 n-Docosane (C22)

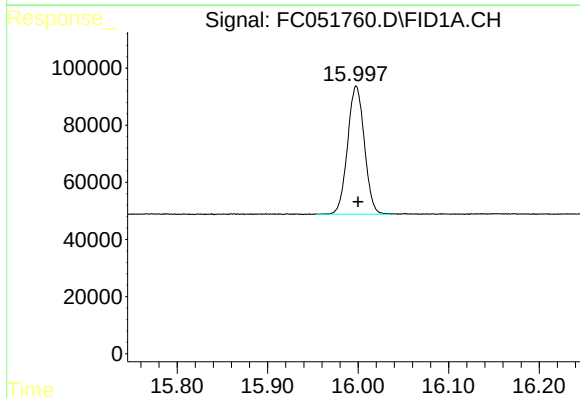
R.T.: 13.874 min
Delta R.T.: -0.001 min
Response: 585812
Conc: 4.74 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



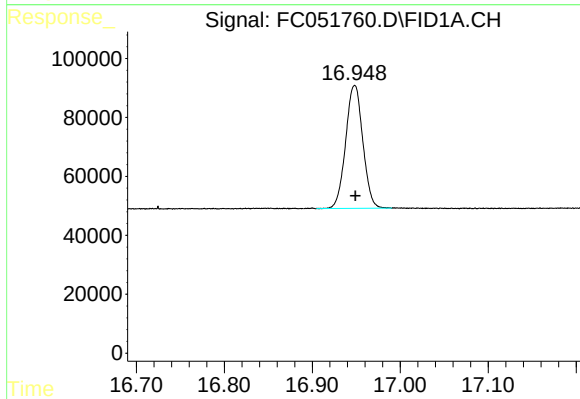
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: -0.001 min
Response: 590022
Conc: 4.77 ug/ml



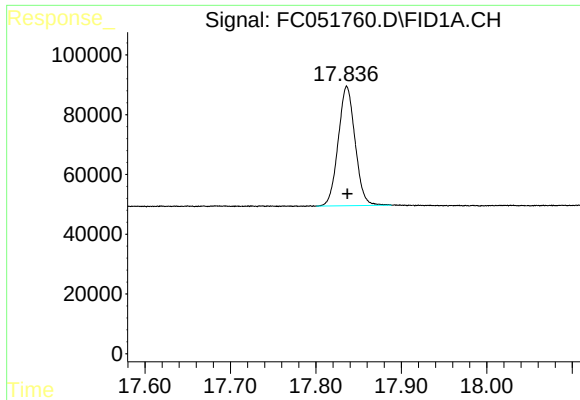
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.002 min
Response: 578424
Conc: 4.77 ug/ml



#16 n-Octacosane (C28)

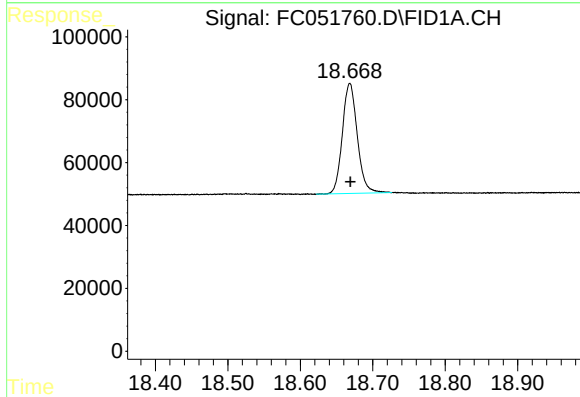
R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 566204
Conc: 4.79 ug/ml



#17 n-Tricontane (C30)

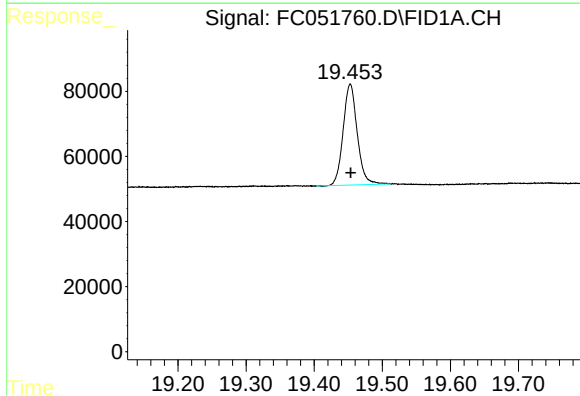
R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 547493
Conc: 4.84 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



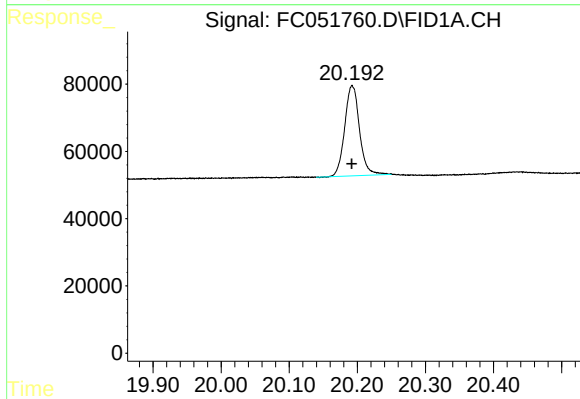
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: 0.000 min
Response: 501520
Conc: 4.82 ug/ml



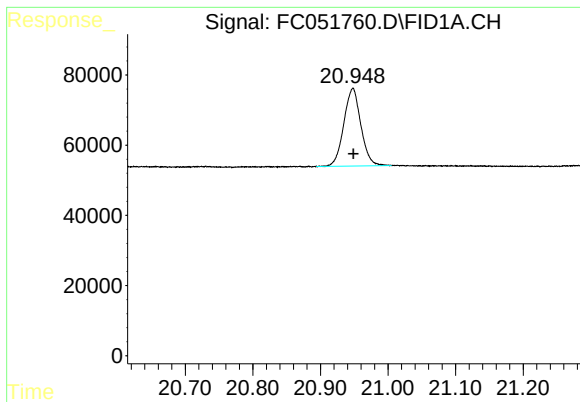
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: 0.000 min
Response: 445794
Conc: 4.68 ug/ml



#20 n-Hexatriacontane (C36)

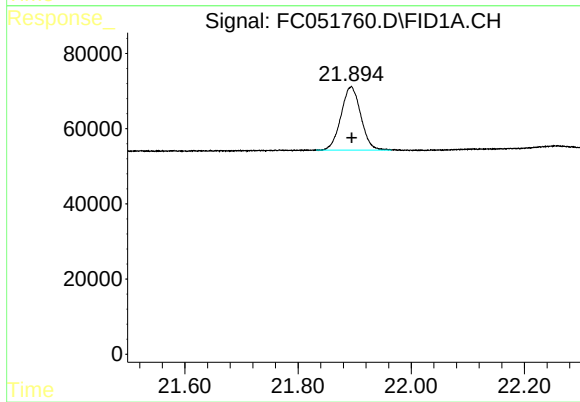
R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 404571
Conc: 4.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.000 min
Response: 387862
Conc: 4.64 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: 0.000 min
Response: 407481
Conc: 4.62 ug/ml