

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022120AL\
 Data File : FC045906.D
 Signal(s) : FID1A.CH
 Acq On : 22 Feb 2020 00:04
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 22 03:11:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:10:09 2020
 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)	11.757	1059484	8.875 ug/ml
Spiked Amount 50.000		Recovery =	17.75%
12) S 1-chlorooctadecane (S...	13.177	831144	8.854 ug/ml
Spiked Amount 50.000		Recovery =	17.71%
Target Compounds			
1) T n-Nonane (C9)	3.531	927157	8.758 ug/ml
2) T n-Decane (C10)	4.600	927942	8.753 ug/ml
3) T A~Naphthalene (C11.7)	6.201	1008161	8.613 ug/ml
4) T n-Dodecane (C12)	6.612	937494	8.727 ug/ml
5) T A~2-methylnaphthalene...	7.252	998886	8.475 ug/ml
6) T n-Tetradecane (C14)	8.398	939069	8.728 ug/ml
7) T n-Hexadecane (C16)	9.991	954843	8.786 ug/ml
8) T n-Octadecane (C18)	11.427	975348	8.862 ug/ml
10) T n-Eicosane (C20)	12.731	984172	8.906 ug/ml
11) T n-Heneicosane (C21)	13.341	990760	8.882 ug/ml
13) T n-Docosane (C22)	13.925	986996	8.878 ug/ml
14) T n-Tetracosane (C24)	15.024	997320	8.900 ug/ml
15) T n-Hexacosane (C26)	16.039	994665	8.933 ug/ml
16) T n-Octacosane (C28)	16.985	983499	8.972 ug/ml
17) T n-Tricontane (C30)	17.869	954636	9.049 ug/ml
18) T n-Dotriacontane (C32)	18.697	810541	8.998 ug/ml
19) T n-Tetratriacontane (C34)	19.476	686258	9.026 ug/ml
20) T n-Hexatriacontane (C36)	20.214	649421	9.124 ug/ml
21) T n-Octatriacontane (C38)	20.977	571124	9.006 ug/ml
22) T n-Tetracontane (C40)	21.944	600756	9.207 ug/ml

(f)=RT Delta > 1/2 Window

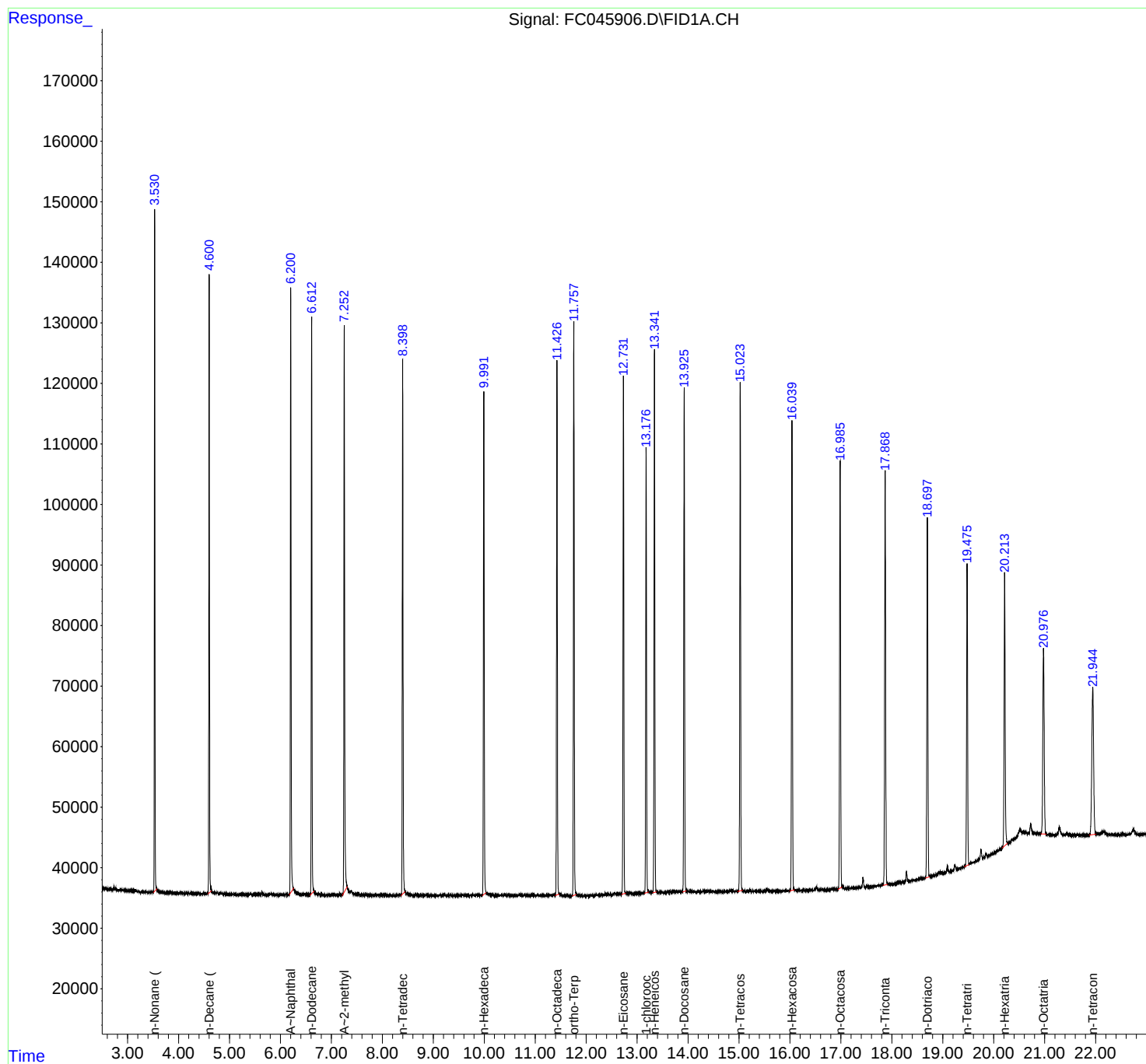
(m)=manual int.

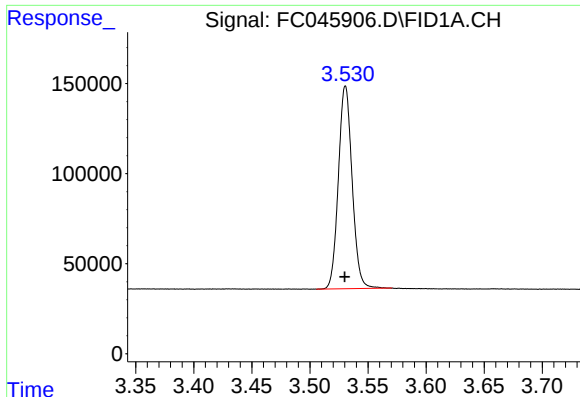
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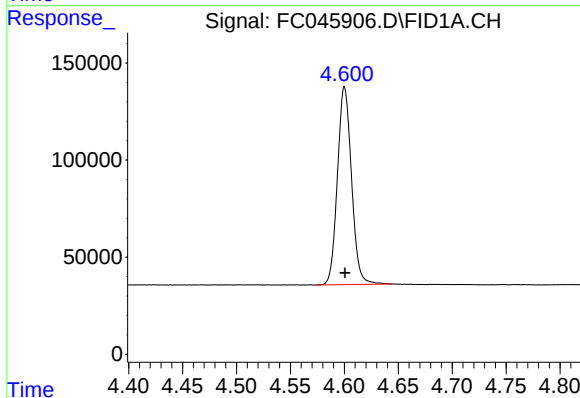




#1 n-Nonane (C9)

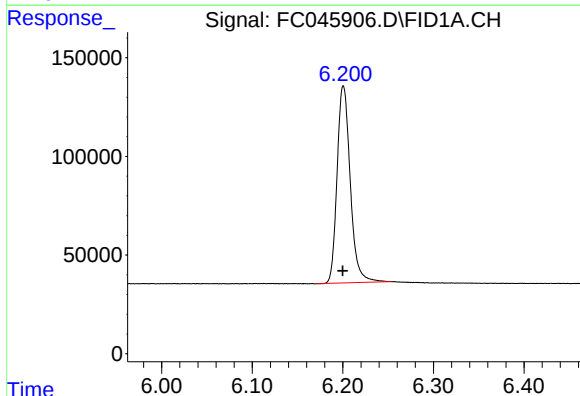
R.T.: 3.531 min
Delta R.T.: 0.000 min
Response: 927157
Conc: 8.76 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



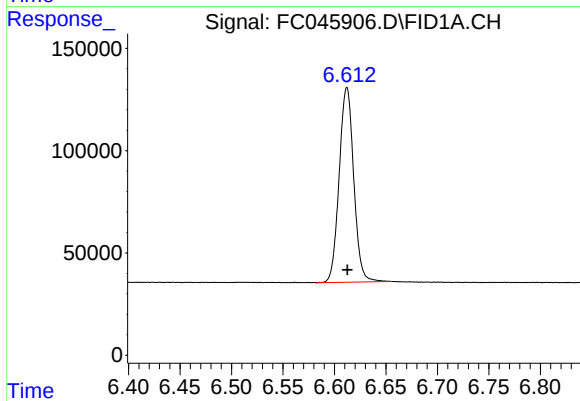
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 927942
Conc: 8.75 ug/ml



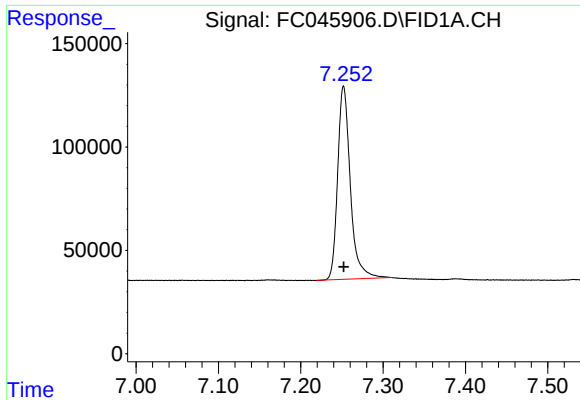
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1008161
Conc: 8.61 ug/ml



#4 n-Dodecane (C12)

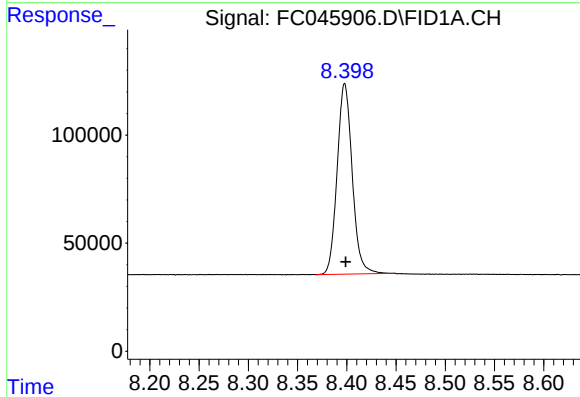
R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 937494
Conc: 8.73 ug/ml



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

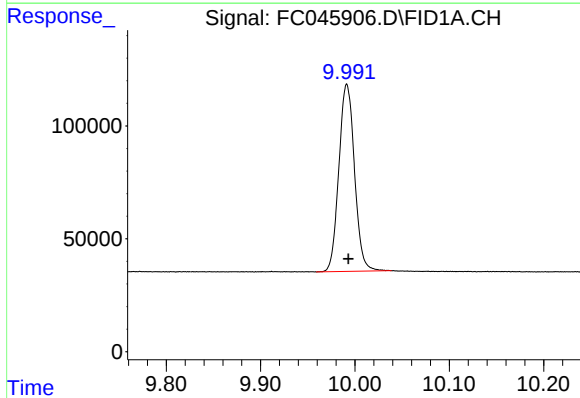
R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 998886
Conc: 8.48 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



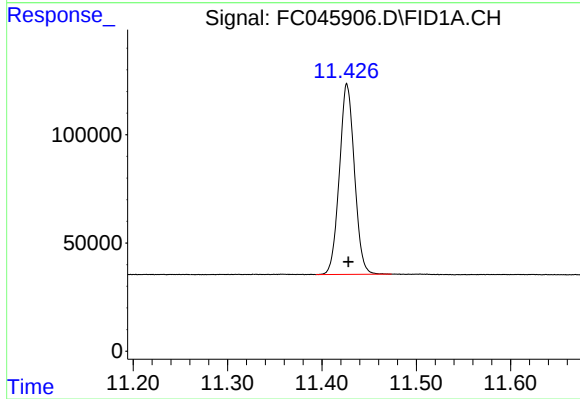
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.001 min
Response: 939069
Conc: 8.73 ug/ml



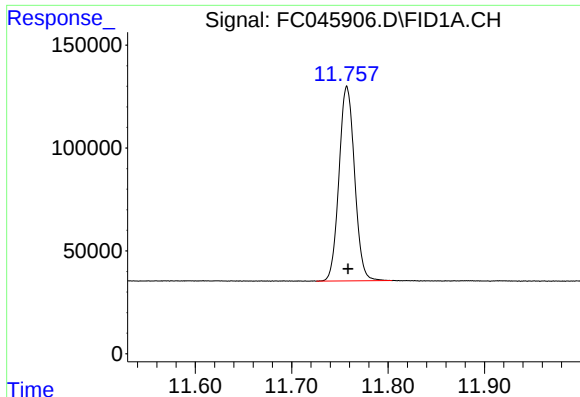
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 954843
Conc: 8.79 ug/ml



#8 n-Octadecane (C18)

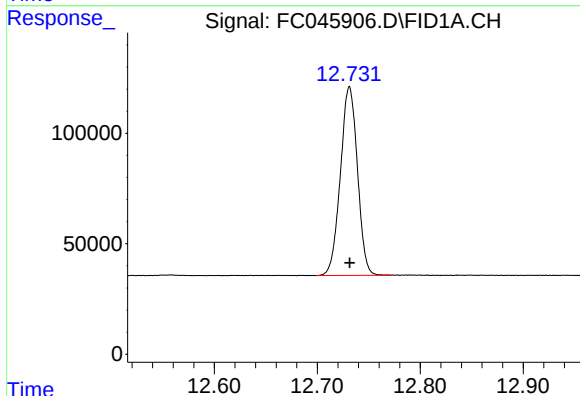
R.T.: 11.427 min
Delta R.T.: -0.001 min
Response: 975348
Conc: 8.86 ug/ml



#9 ortho-Terphenyl (SURR)

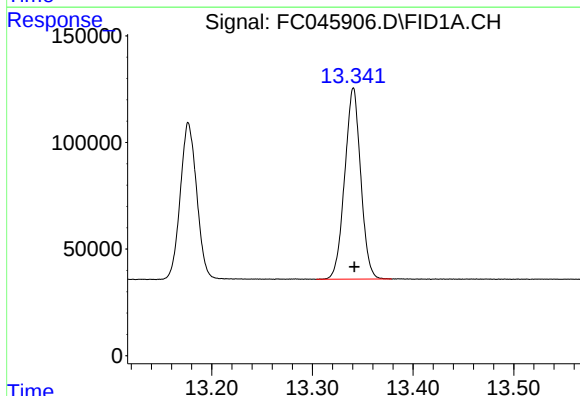
R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 1059484
Conc: 8.88 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



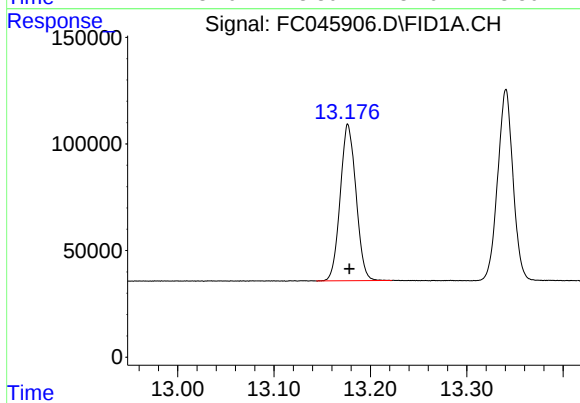
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.000 min
Response: 984172
Conc: 8.91 ug/ml



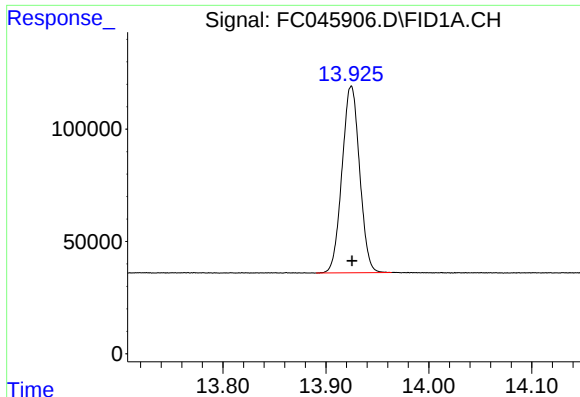
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 990760
Conc: 8.88 ug/ml



#12 1-chlorooctadecane (SURR)

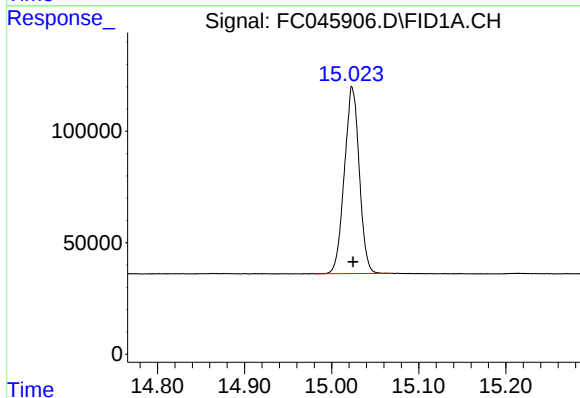
R.T.: 13.177 min
Delta R.T.: -0.001 min
Response: 831144
Conc: 8.85 ug/ml



#13 n-Docosane (C22)

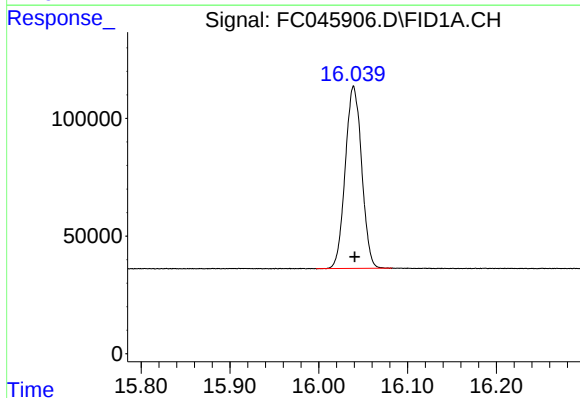
R.T.: 13.925 min
Delta R.T.: 0.000 min
Response: 986996
Conc: 8.88 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



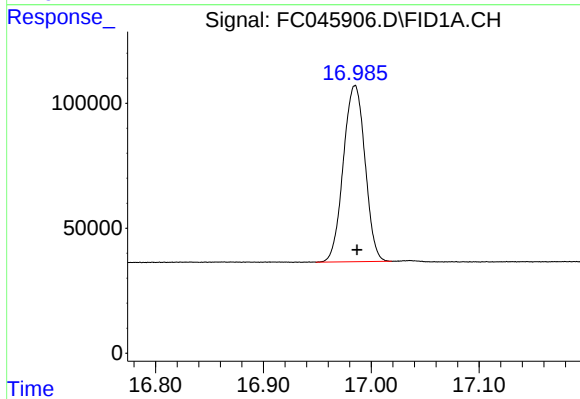
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: 0.000 min
Response: 997320
Conc: 8.90 ug/ml



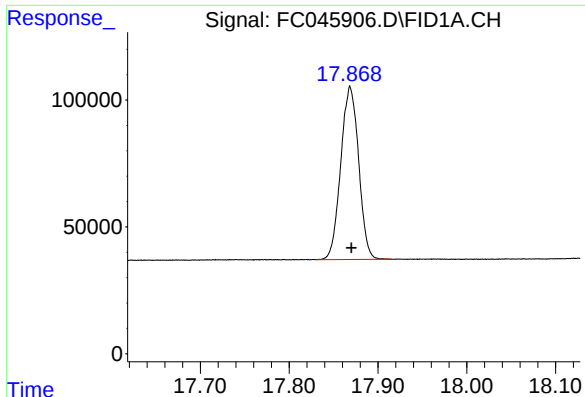
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: -0.001 min
Response: 994665
Conc: 8.93 ug/ml



#16 n-Octacosane (C28)

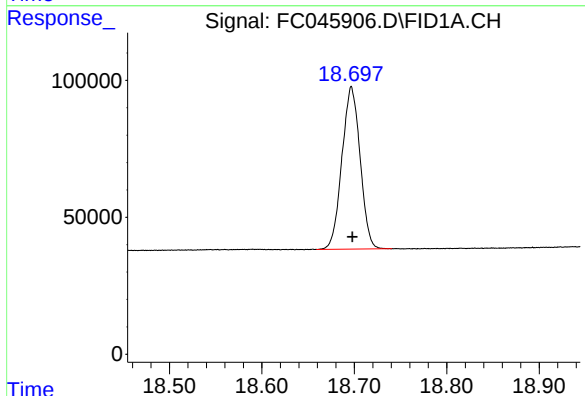
R.T.: 16.985 min
Delta R.T.: -0.002 min
Response: 983499
Conc: 8.97 ug/ml



#17 n-Tricontane (C30)

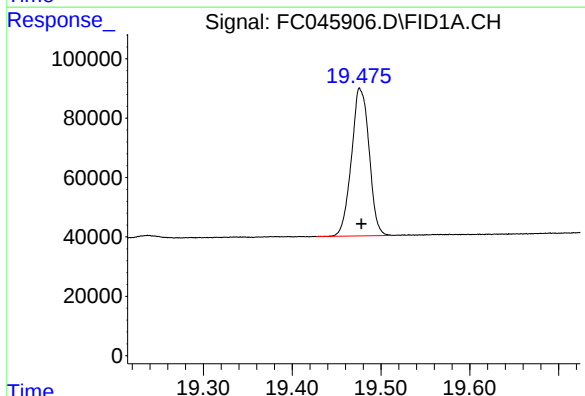
R.T.: 17.869 min
Delta R.T.: -0.001 min
Response: 954636
Conc: 9.05 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



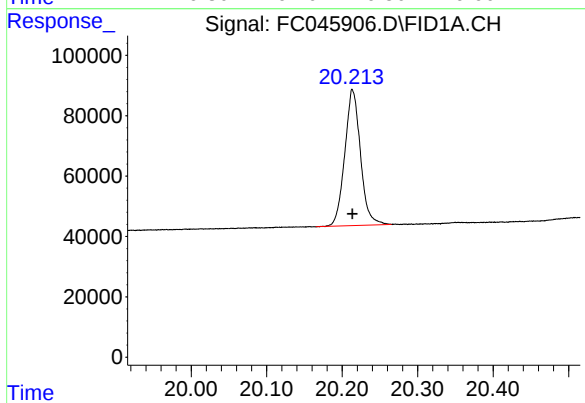
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: -0.001 min
Response: 810541
Conc: 9.00 ug/ml



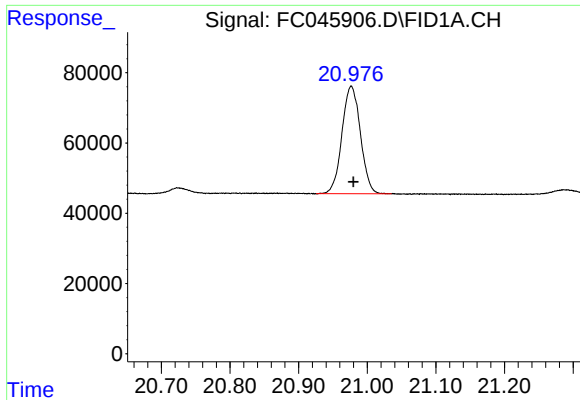
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: -0.002 min
Response: 686258
Conc: 9.03 ug/ml



#20 n-Hexatriacontane (C36)

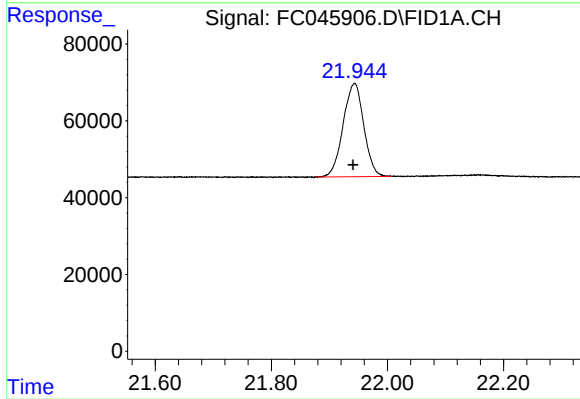
R.T.: 20.214 min
Delta R.T.: 0.000 min
Response: 649421
Conc: 9.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.977 min
Delta R.T.: -0.003 min
Response: 571124
Conc: 9.01 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.003 min
Response: 600756
Conc: 9.21 ug/ml