

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063706.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 23:10
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 27 06:11:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:11:38 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)	11.531	998845	5.474 ug/ml
Spiked Amount 50.000		Recovery =	10.95%
12) S 1-chlorooctadecane (S...	12.966	691048	5.408 ug/ml
Spiked Amount 50.000		Recovery =	10.82%
Target Compounds			
1) T n-Nonane (C9)	3.317	845224	5.303 ug/ml
2) T n-Decane (C10)	4.378	857736	5.306 ug/ml
3) T A~Naphthalene (C11.7)	5.963	874565	5.034 ug/ml
4) T n-Dodecane (C12)	6.392	880163	5.383 ug/ml
5) T A~2-methylnaphthalene...	7.019	826814	5.047 ug/ml
6) T n-Tetradecane (C14)	8.183	828022	5.265 ug/ml
7) T n-Hexadecane (C16)	9.780	853602	5.364 ug/ml
8) T n-Octadecane (C18)	11.217	864052	5.461 ug/ml
10) T n-Eicosane (C20)	12.523	810777	5.482 ug/ml
11) T n-Heneicosane (C21)	13.134	788318	5.477 ug/ml
13) T n-Docosane (C22)	13.718	764066	5.424 ug/ml
14) T n-Tetracosane (C24)	14.819	743253	5.417 ug/ml
15) T n-Hexacosane (C26)	15.836	721319	5.440 ug/ml
16) T n-Octacosane (C28)	16.782	682004	5.371 ug/ml
17) T n-Tricontane (C30)	17.666	696803	5.454 ug/ml
18) T n-Dotriacontane (C32)	18.495	674955	5.424 ug/ml
19) T n-Tetratriacontane (C34)	19.276	672229	5.452 ug/ml
20) T n-Hexatriacontane (C36)	20.012	653058	5.441 ug/ml
21) T n-Octatriacontane (C38)	20.738	641129	5.313 ug/mlm
22) T n-Tetracontane (C40)	21.629	651473	5.377 ug/ml

(f)=RT Delta > 1/2 Window

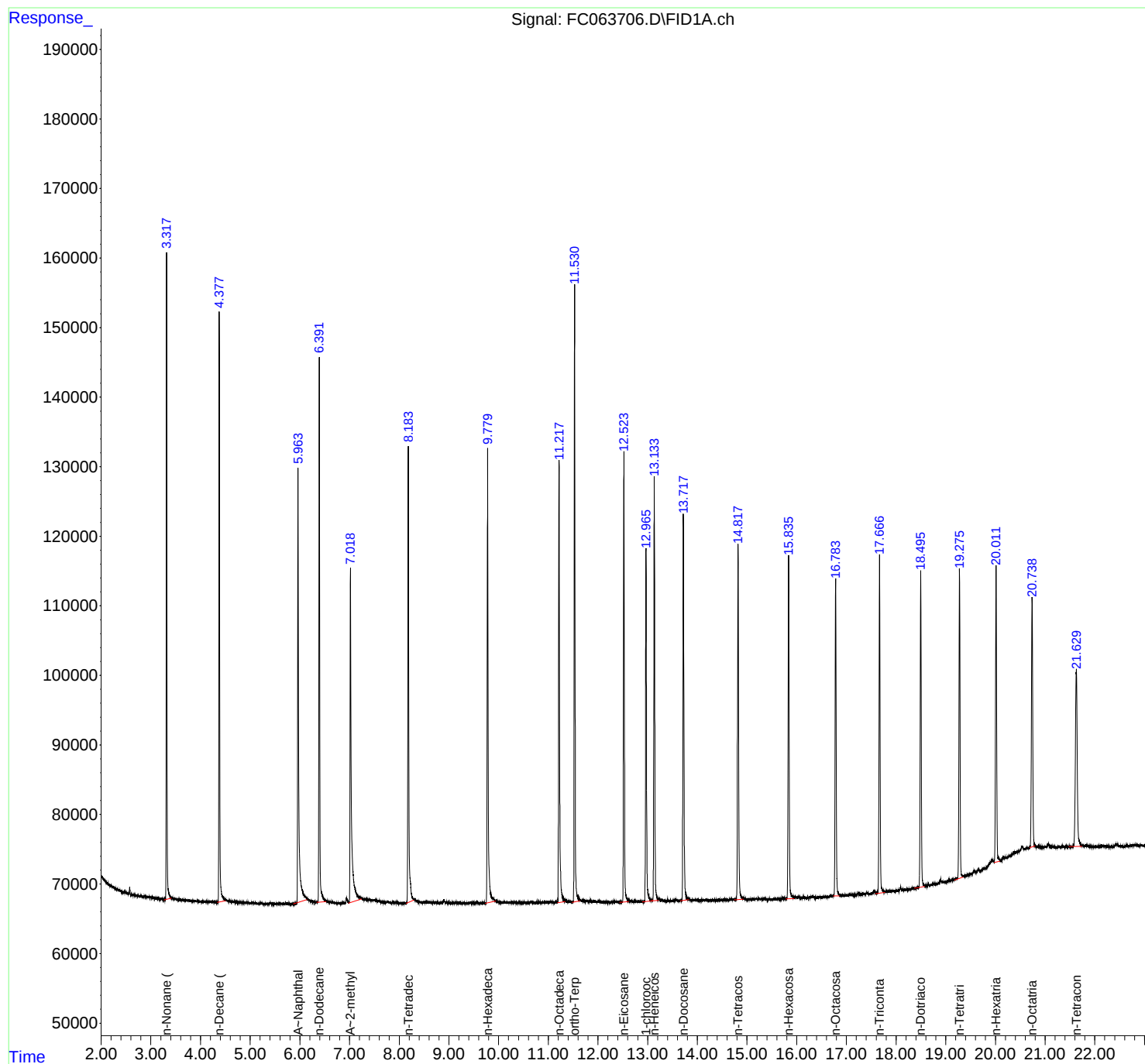
(m)=manual int.

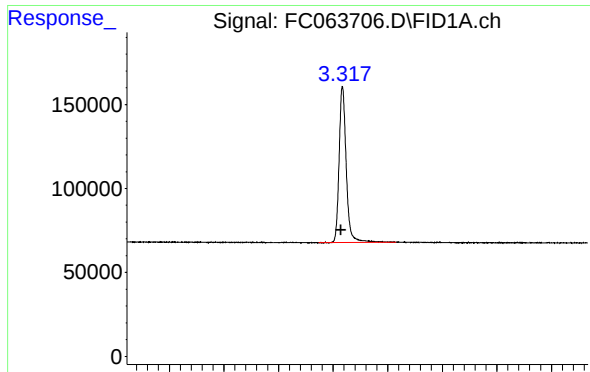
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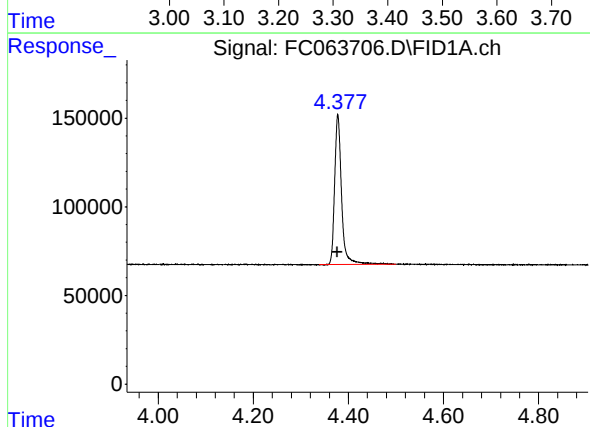




#1 n-Nonane (C9)

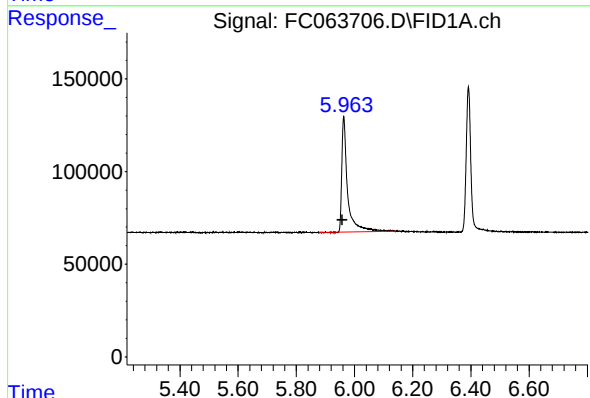
R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 845224
Conc: 5.30 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



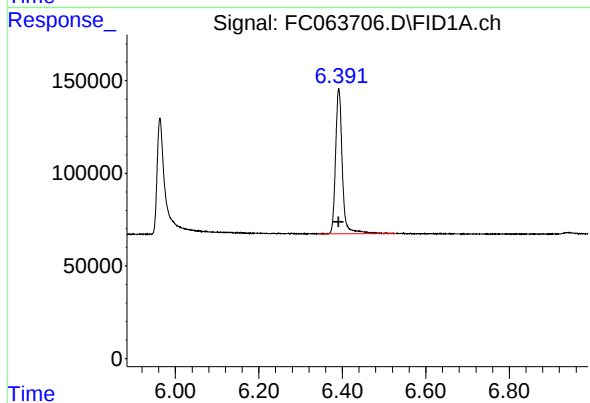
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.002 min
Response: 857736
Conc: 5.31 ug/ml



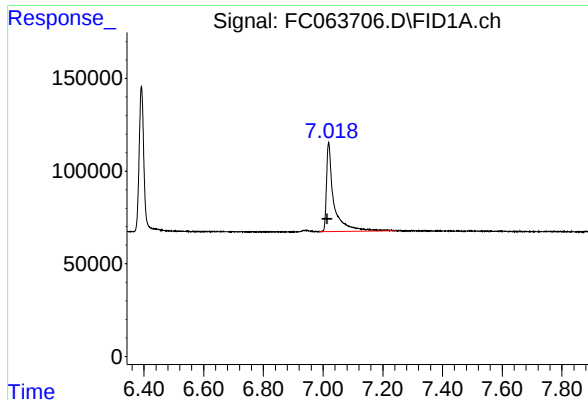
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.005 min
Response: 874565
Conc: 5.03 ug/ml



#4 n-Dodecane (C12)

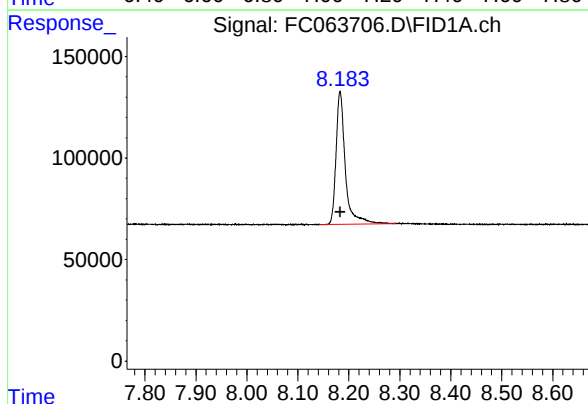
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 880163
Conc: 5.38 ug/ml



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

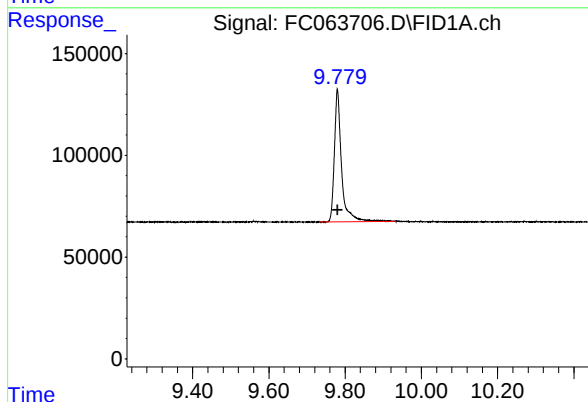
R.T.: 7.019 min
Delta R.T.: 0.005 min
Response: 826814
Conc: 5.05 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



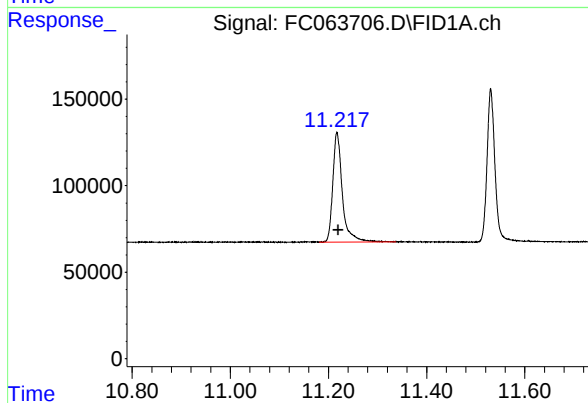
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 828022
Conc: 5.26 ug/ml



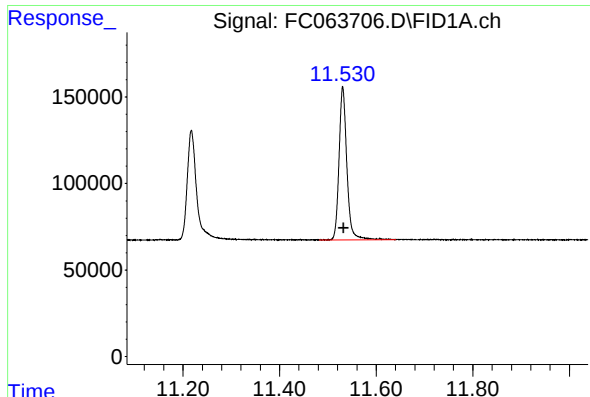
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 853602
Conc: 5.36 ug/ml



#8 n-Octadecane (C18)

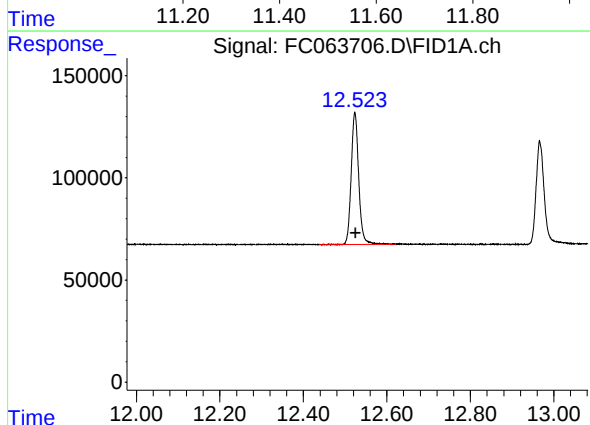
R.T.: 11.217 min
Delta R.T.: -0.002 min
Response: 864052
Conc: 5.46 ug/ml



#9 ortho-Terphenyl (SURR)

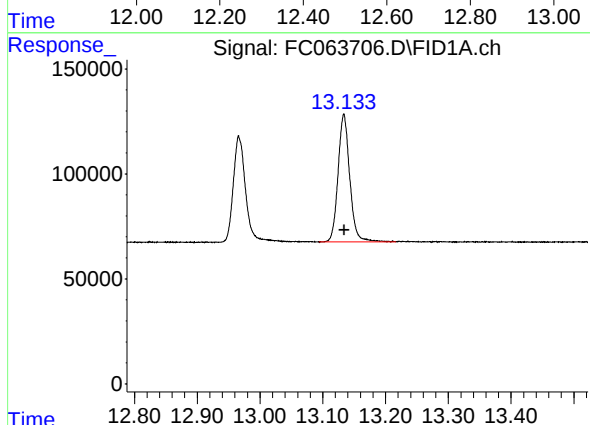
R.T.: 11.531 min
Delta R.T.: -0.002 min
Response: 998845
Conc: 5.47 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



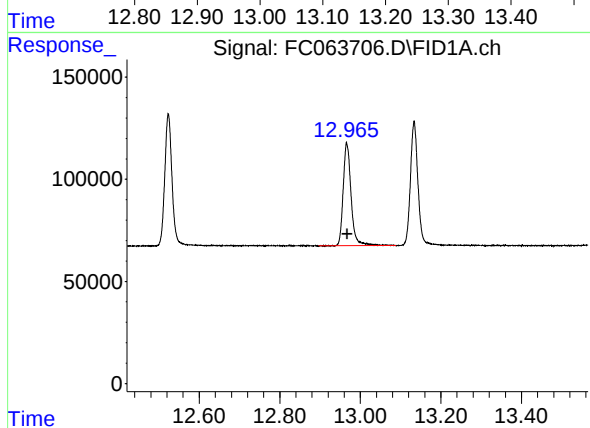
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.002 min
Response: 810777
Conc: 5.48 ug/ml



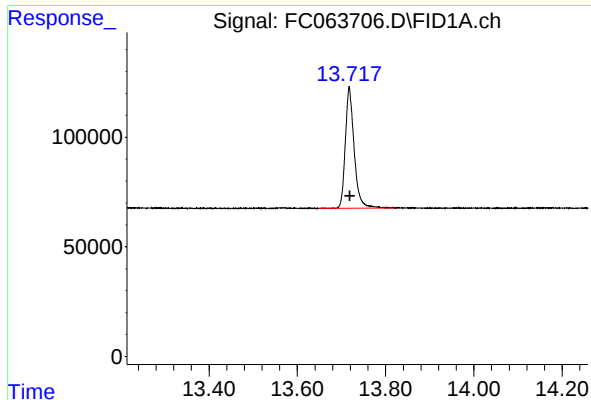
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 788318
Conc: 5.48 ug/ml



#12 1-chlorooctadecane (SURR)

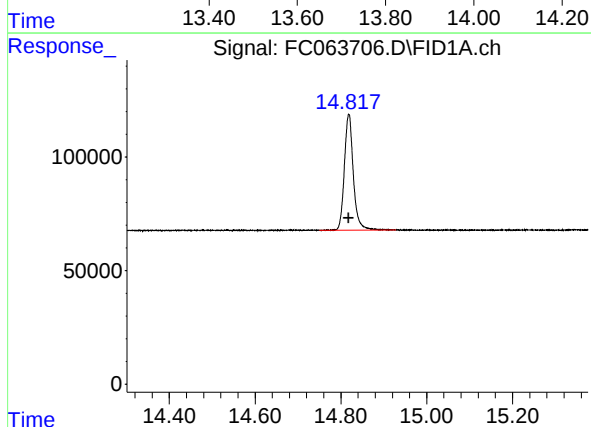
R.T.: 12.966 min
Delta R.T.: -0.002 min
Response: 691048
Conc: 5.41 ug/ml



#13 n-Docosane (C22)

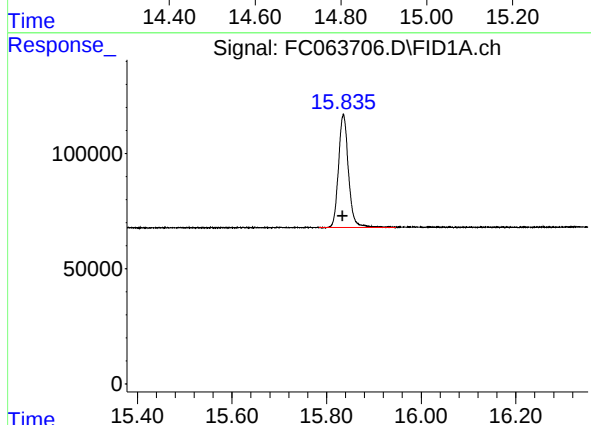
R.T.: 13.718 min
Delta R.T.: -0.002 min
Response: 764066
Conc: 5.42 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



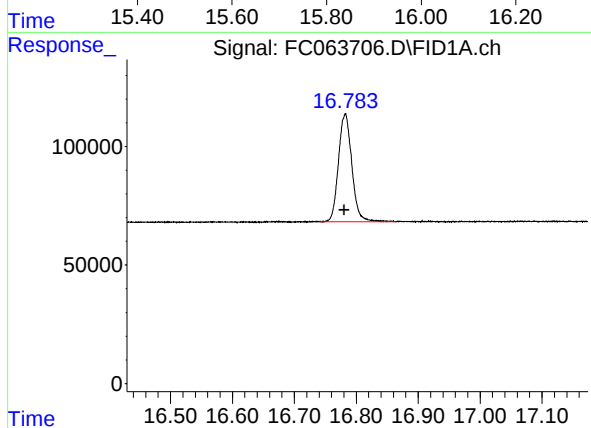
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.001 min
Response: 743253
Conc: 5.42 ug/ml



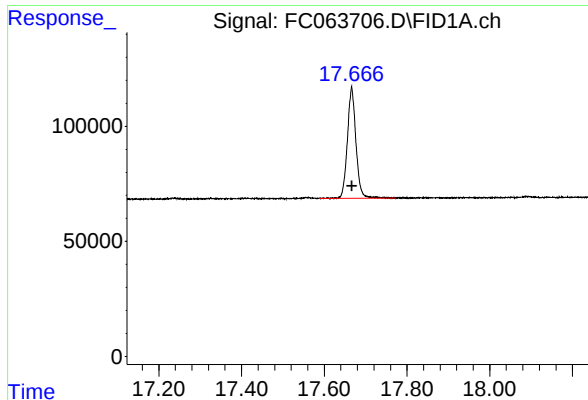
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: 0.002 min
Response: 721319
Conc: 5.44 ug/ml



#16 n-Octacosane (C28)

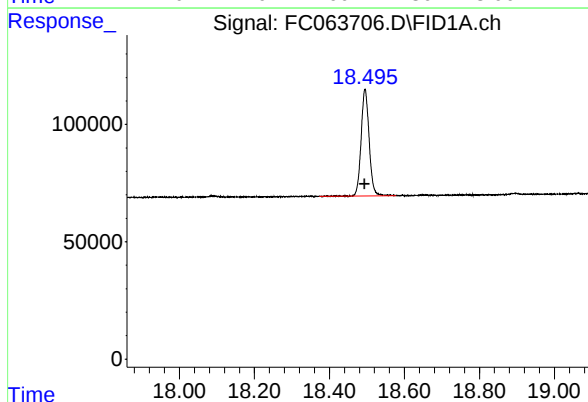
R.T.: 16.782 min
Delta R.T.: 0.002 min
Response: 682004
Conc: 5.37 ug/ml



#17 n-Tricontane (C30)

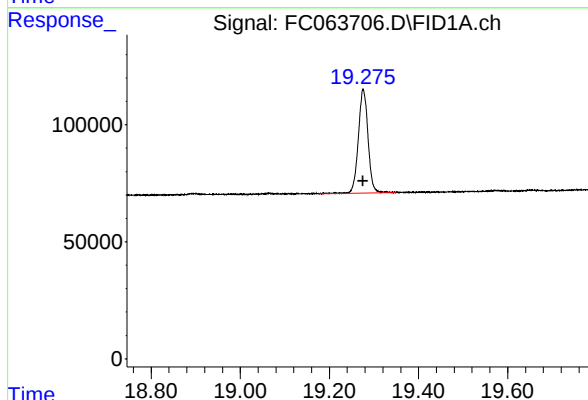
R.T.: 17.666 min
Delta R.T.: 0.000 min
Response: 696803
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



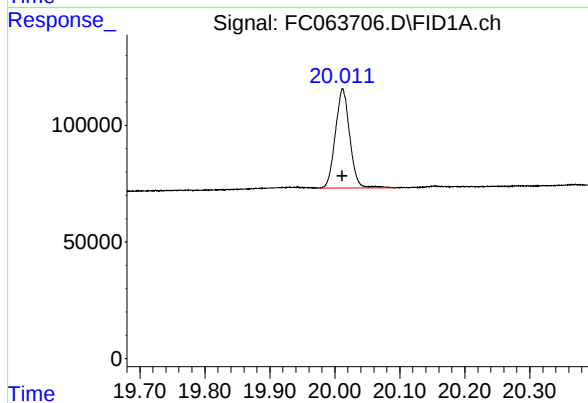
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 674955
Conc: 5.42 ug/ml



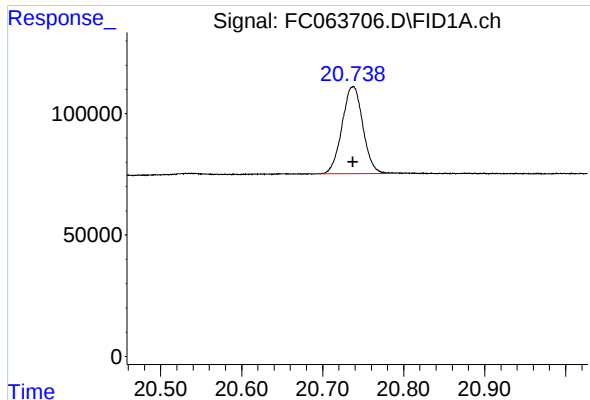
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.000 min
Response: 672229
Conc: 5.45 ug/ml



#20 n-Hexatriacontane (C36)

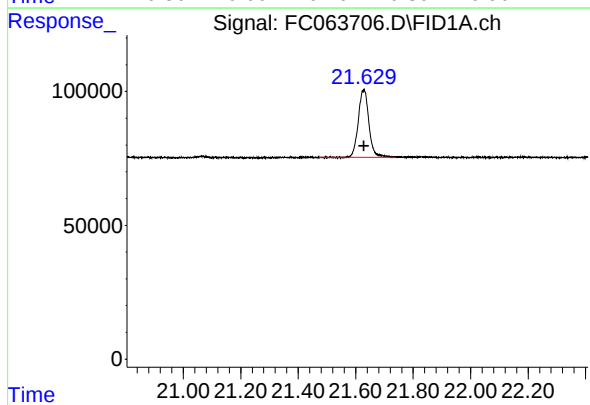
R.T.: 20.012 min
Delta R.T.: 0.000 min
Response: 653058
Conc: 5.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 641129
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.000 min
Response: 651473
Conc: 5.38 ug/ml