

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010523AL\
 Data File : FC062573.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jan 2023 23:11
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 05 04:48:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:47:27 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)	11.556	751294	5.451 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
12) S 1-chlorooctadecane (S...	12.996	549152	5.325 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
1) T n-Nonane (C9)	3.317	706845	5.453 ug/ml
2) T n-Decane (C10)	4.383	676136	5.374 ug/ml
3) T A~Naphthalene (C11.7)	5.968	760712	5.329 ug/ml
4) T n-Dodecane (C12)	6.403	669683	5.411 ug/ml
5) T A~2-methylnaphthalene...	7.026	694570	5.198 ug/ml
6) T n-Tetradecane (C14)	8.199	675226	5.399 ug/ml
7) T n-Hexadecane (C16)	9.801	677968	5.395 ug/ml
8) T n-Octadecane (C18)	11.242	687926	5.454 ug/ml
10) T n-Eicosane (C20)	12.552	656117	5.459 ug/ml
11) T n-Heneicosane (C21)	13.164	649233	5.421 ug/ml
13) T n-Docosane (C22)	13.749	631734	5.415 ug/ml
14) T n-Tetracosane (C24)	14.851	614313	5.384 ug/ml
15) T n-Hexacosane (C26)	15.870	596782	5.438 ug/ml
16) T n-Octacosane (C28)	16.818	587244	5.498 ug/ml
17) T n-Tricontane (C30)	17.704	586409	5.562 ug/ml
18) T n-Dotriacontane (C32)	18.535	603673	5.707 ug/ml
19) T n-Tetratriacontane (C34)	19.316	597955	5.668 ug/ml
20) T n-Hexatriacontane (C36)	20.055	596404	5.263 ug/ml
21) T n-Octatriacontane (C38)	20.786	580161	5.654 ug/ml
22) T n-Tetracontane (C40)	21.691	576094	5.540 ug/ml

(f)=RT Delta > 1/2 Window

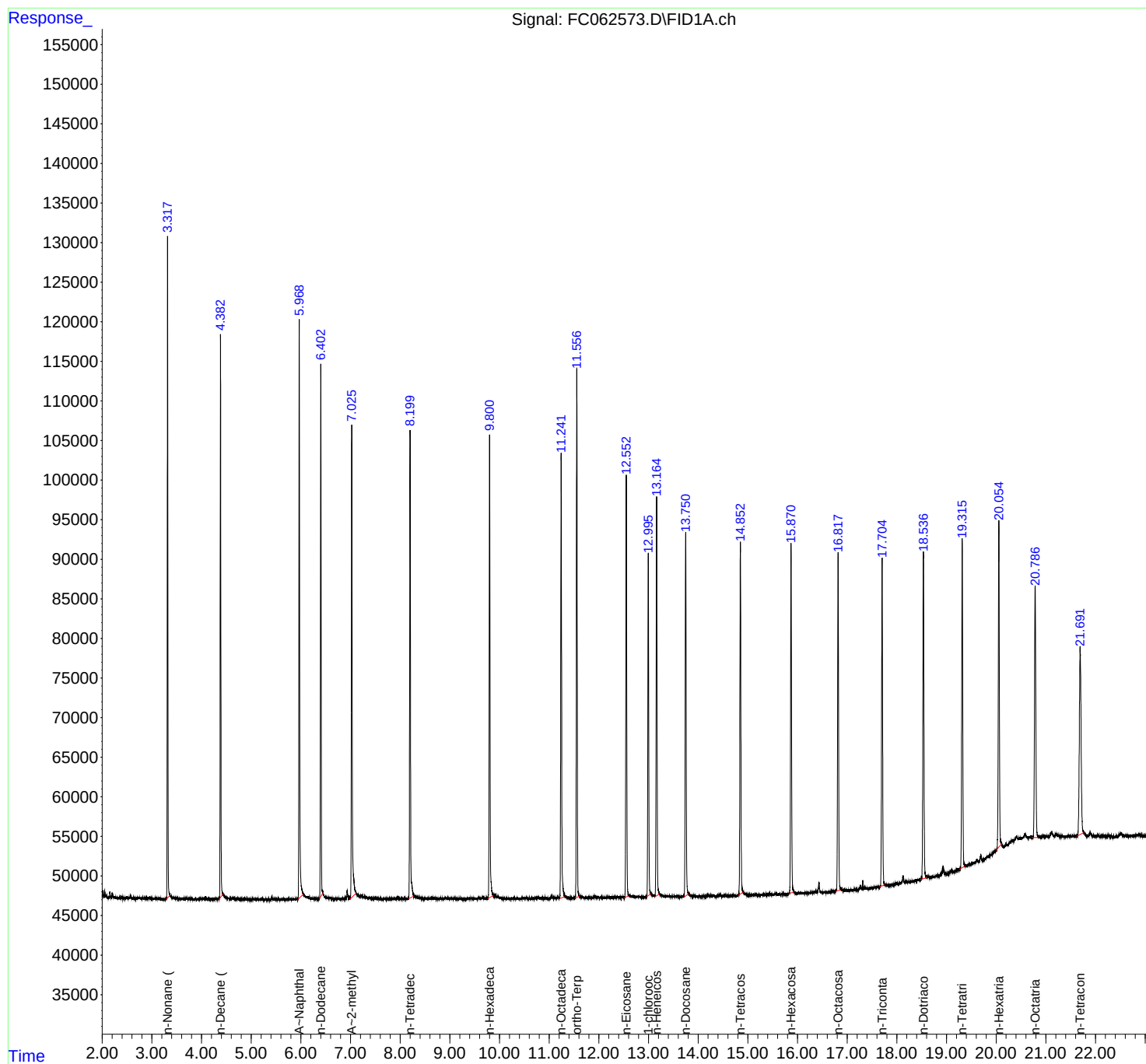
(m)=manual int.

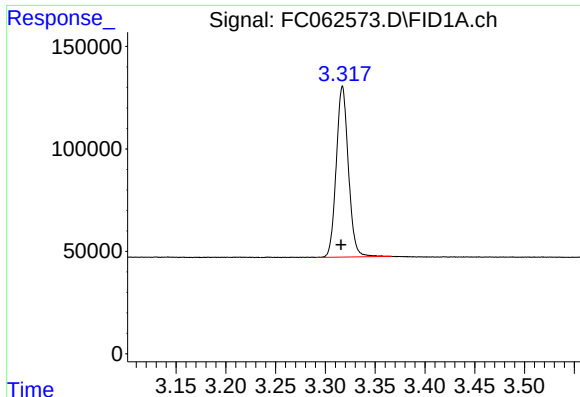
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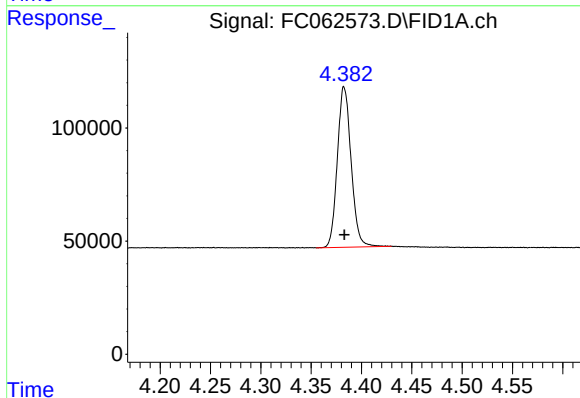




#1 n-Nonane (C9)

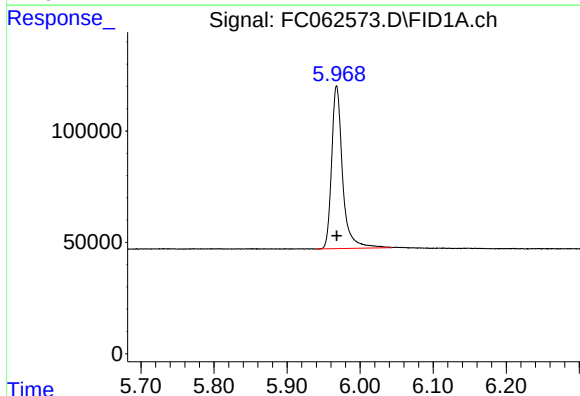
R.T.: 3.317 min
Delta R.T.: 0.001 min
Response: 706845
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



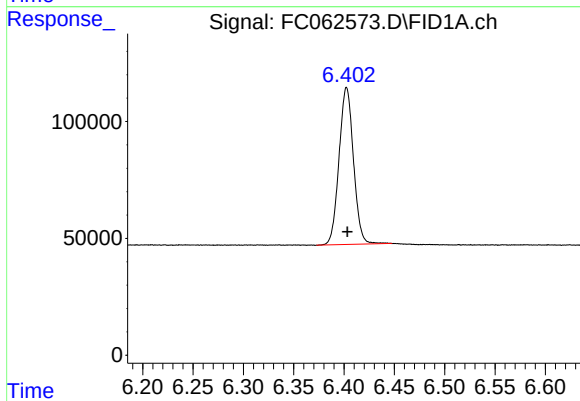
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 676136
Conc: 5.37 ug/ml



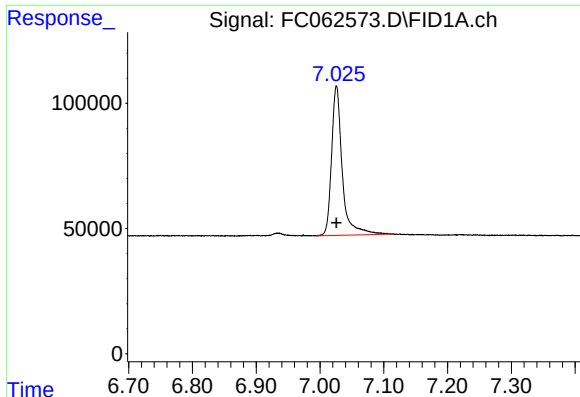
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 760712
Conc: 5.33 ug/ml



#4 n-Dodecane (C12)

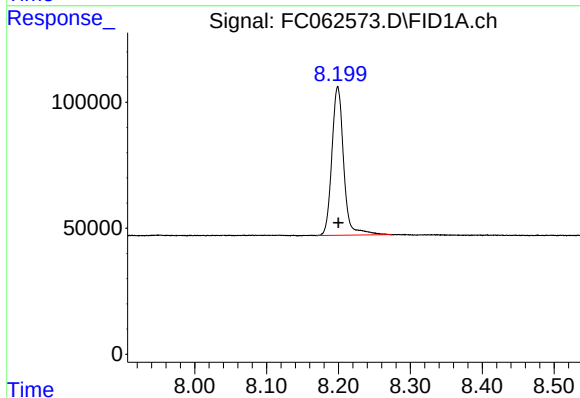
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 669683
Conc: 5.41 ug/ml



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

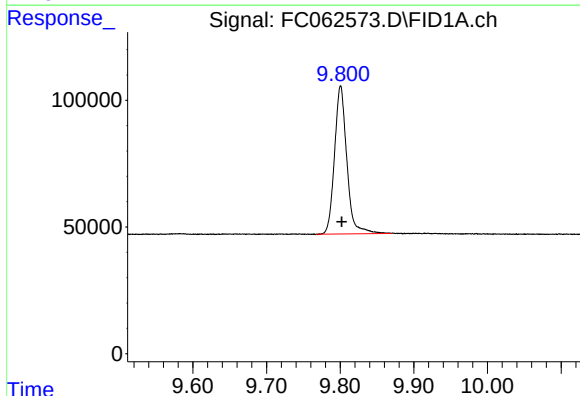
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 694570
Conc: 5.20 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



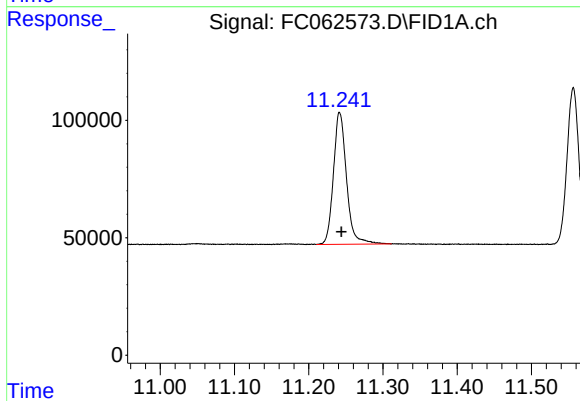
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 675226
Conc: 5.40 ug/ml



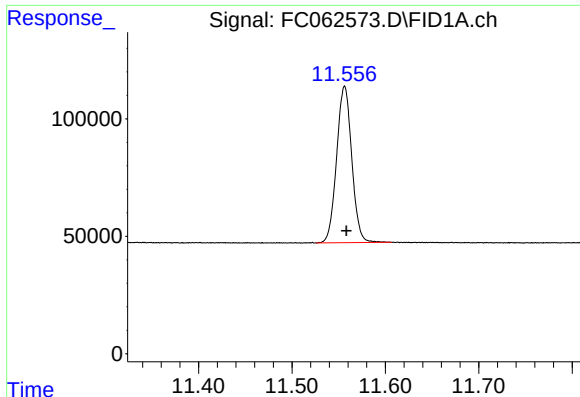
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 677968
Conc: 5.40 ug/ml



#8 n-Octadecane (C18)

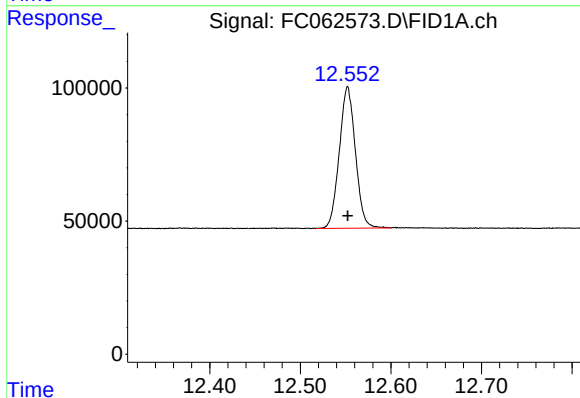
R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 687926
Conc: 5.45 ug/ml



#9 ortho-Terphenyl (SURR)

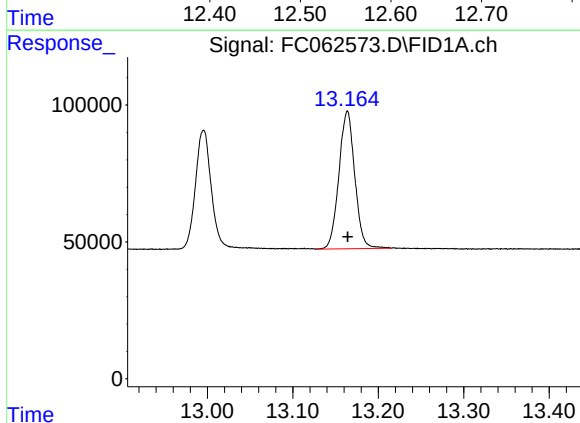
R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 751294
Conc: 5.45 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



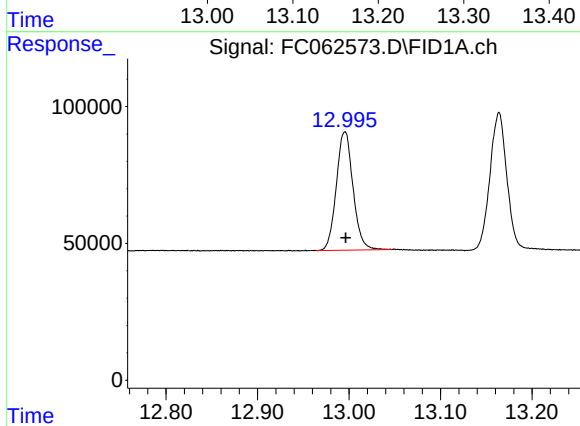
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 656117
Conc: 5.46 ug/ml



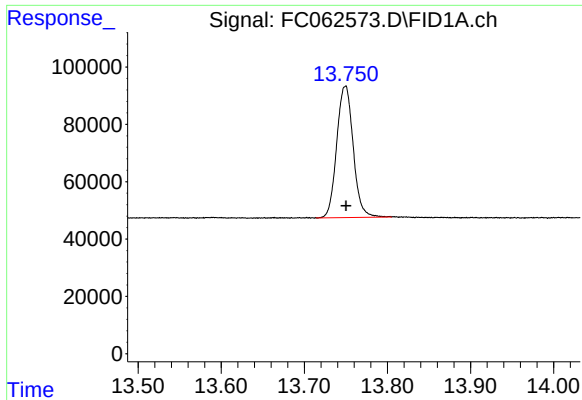
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: 0.000 min
Response: 649233
Conc: 5.42 ug/ml



#12 1-chlorooctadecane (SURR)

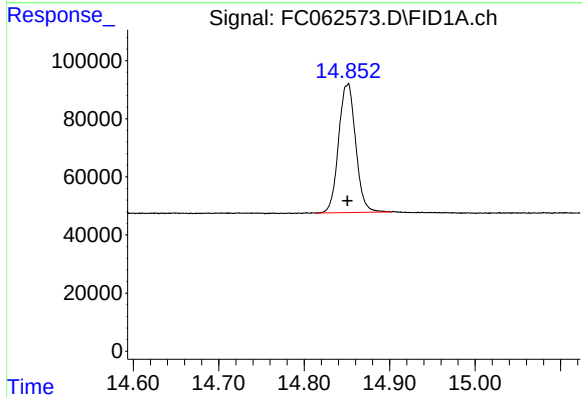
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 549152
Conc: 5.33 ug/ml



#13 n-Docosane (C22)

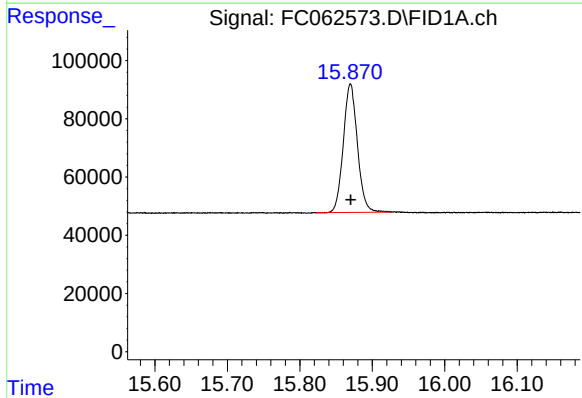
R.T.: 13.749 min
Delta R.T.: 0.000 min
Response: 631734
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



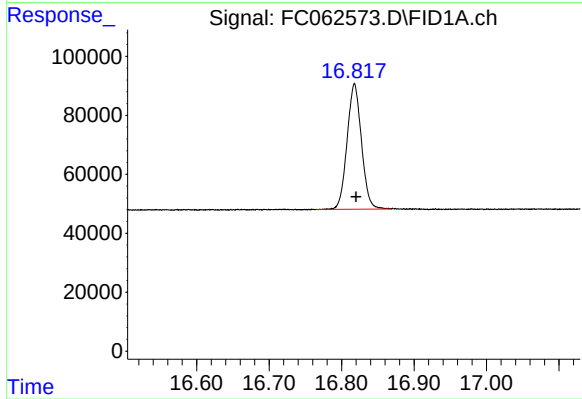
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 614313
Conc: 5.38 ug/ml



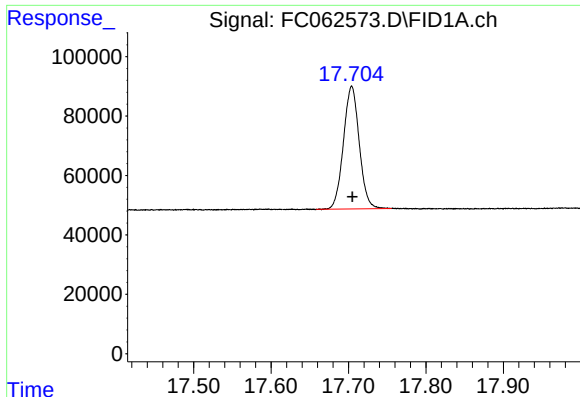
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.000 min
Response: 596782
Conc: 5.44 ug/ml



#16 n-Octacosane (C28)

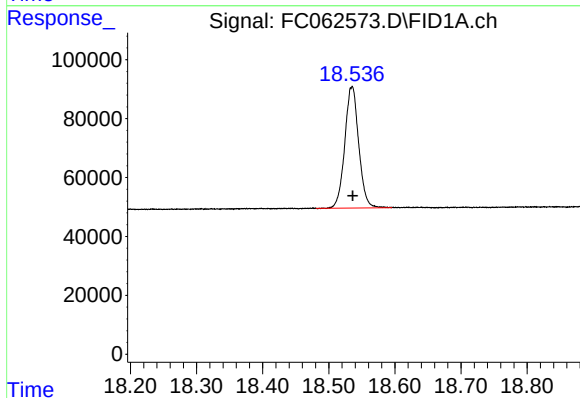
R.T.: 16.818 min
Delta R.T.: -0.002 min
Response: 587244
Conc: 5.50 ug/ml



#17 n-Tricontane (C30)

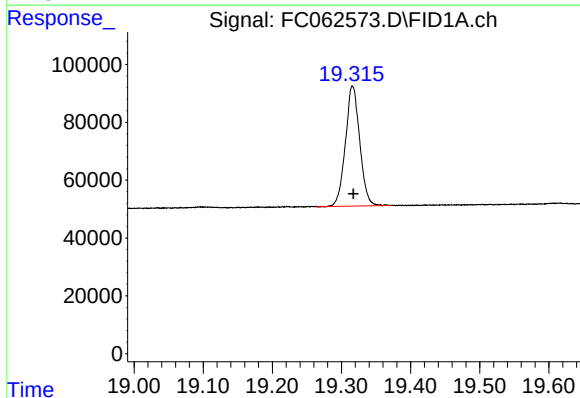
R.T.: 17.704 min
Delta R.T.: 0.000 min
Response: 586409
Conc: 5.56 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



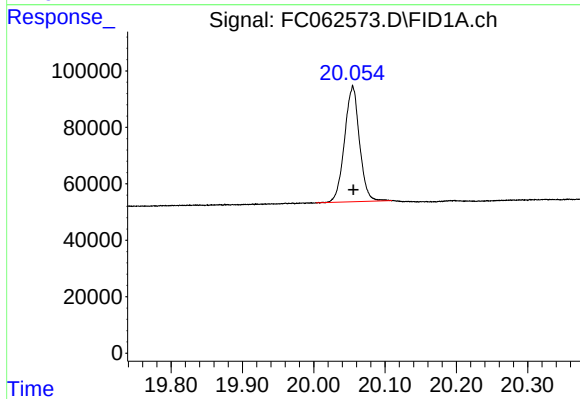
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.001 min
Response: 603673
Conc: 5.71 ug/ml



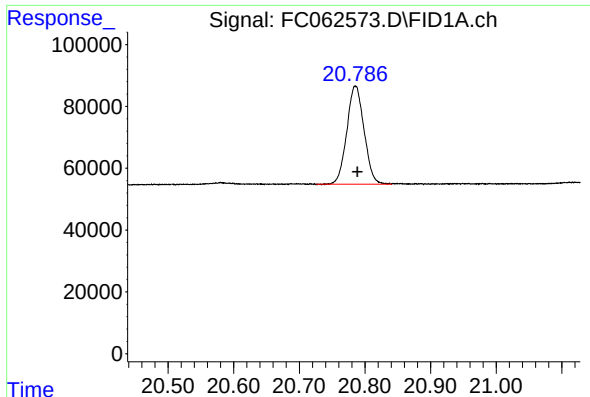
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.001 min
Response: 597955
Conc: 5.67 ug/ml



#20 n-Hexatriacontane (C36)

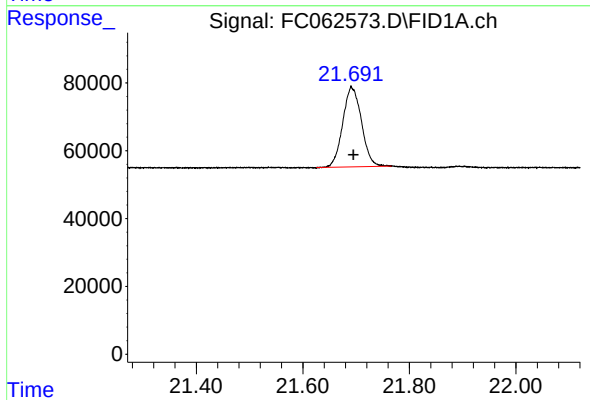
R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 596404
Conc: 5.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.003 min
Response: 580161
Conc: 5.65 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.004 min
Response: 576094
Conc: 5.54 ug/ml