

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091623AL\
 Data File : FC064594.D
 Signal(s) : FID1A.ch
 Acq On : 15 Sep 2023 18:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 16 00:27:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.503	3821636	18.887 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	12.937	2788522	19.144 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.300	3295282	18.647 ug/ml
2) T n-Decane (C10)	4.359	3328715	18.529 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3536411	18.824 ug/ml
4) T n-Dodecane (C12)	6.370	3381259	18.615 ug/ml
5) T A~2-methylnaphthalene...	6.991	3411722	19.131 ug/ml
6) T n-Tetradecane (C14)	8.157	3305572	18.629 ug/ml
7) T n-Hexadecane (C16)	9.753	3302885	18.374 ug/ml
8) T n-Octadecane (C18)	11.190	3316613	18.318 ug/ml
10) T n-Eicosane (C20)	12.494	3138569	18.425 ug/ml
11) T n-Heneicosane (C21)	13.104	3058358	18.465 ug/ml
13) T n-Docosane (C22)	13.687	2986270	18.331 ug/ml
14) T n-Tetracosane (C24)	14.786	2866504	18.056 ug/ml
15) T n-Hexacosane (C26)	15.802	2752312	18.030 ug/ml
16) T n-Octacosane (C28)	16.750	2648321	17.894 ug/ml
17) T n-Tricontane (C30)	17.633	2627493	17.687 ug/ml
18) T n-Dotriacontane (C32)	18.463	2595435	17.784 ug/ml
19) T n-Tetratriacontane (C34)	19.243	2538543	17.856 ug/ml
20) T n-Hexatriacontane (C36)	19.978	2518773	18.287 ug/ml
21) T n-Octatriacontane (C38)	20.697	2488639	18.159 ug/ml
22) T n-Tetracontane (C40)	21.575	2472217	18.174 ug/ml

(f)=RT Delta > 1/2 Window

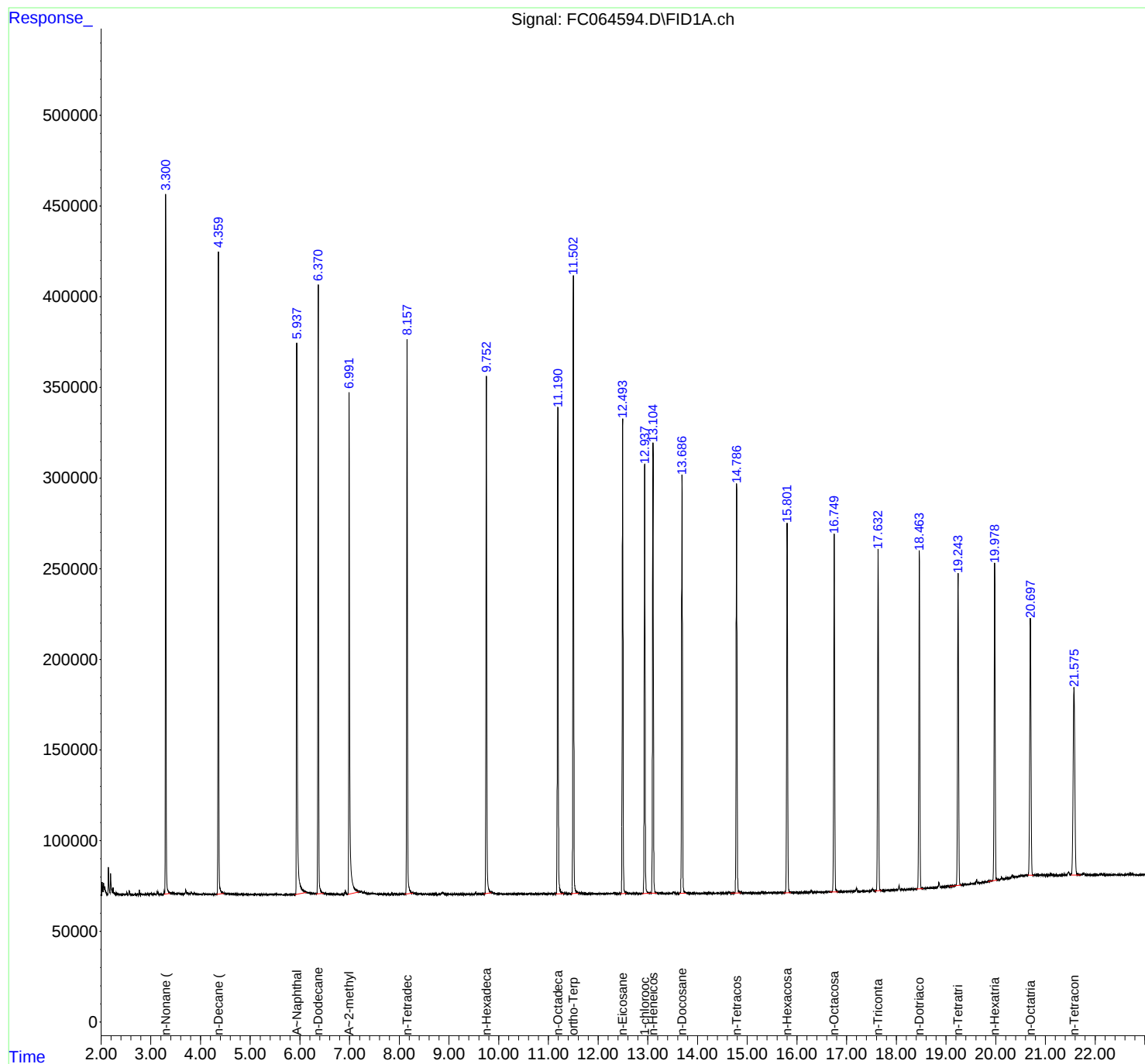
(m)=manual int.

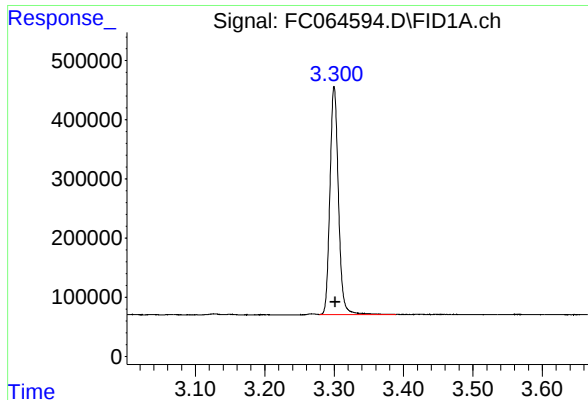
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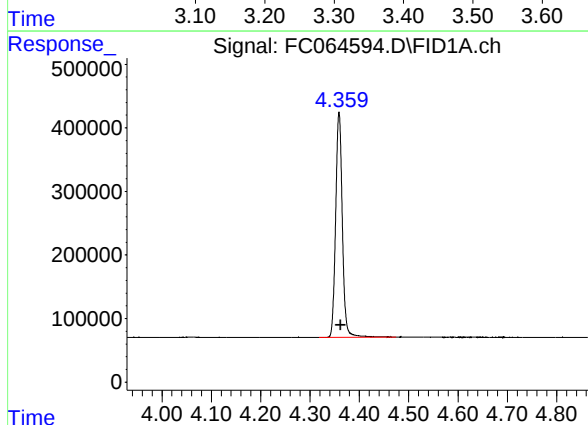




#1 n-Nonane (C9)

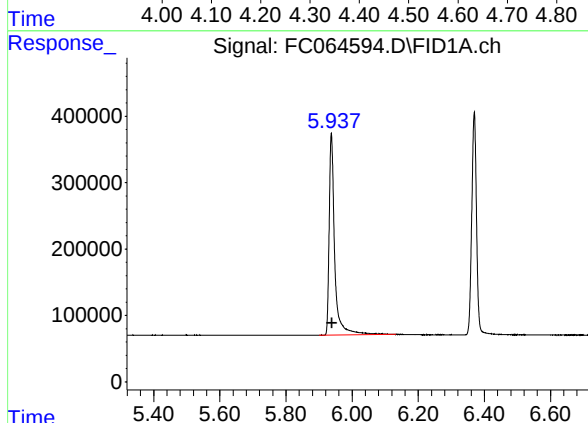
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 3295282
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



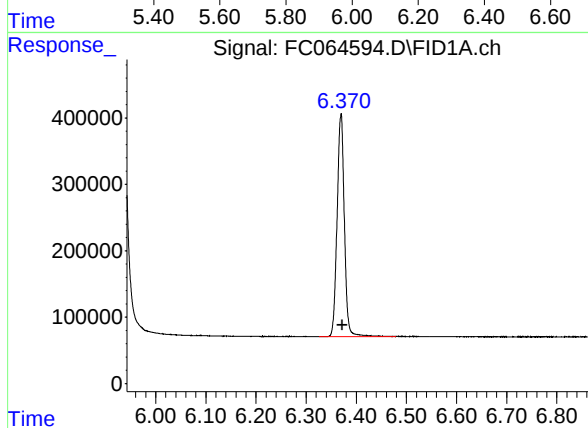
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 3328715
Conc: 18.53 ug/ml



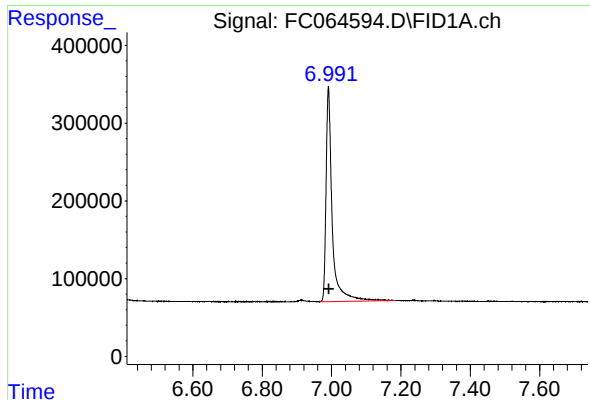
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 3536411
Conc: 18.82 ug/ml



#4 n-Dodecane (C12)

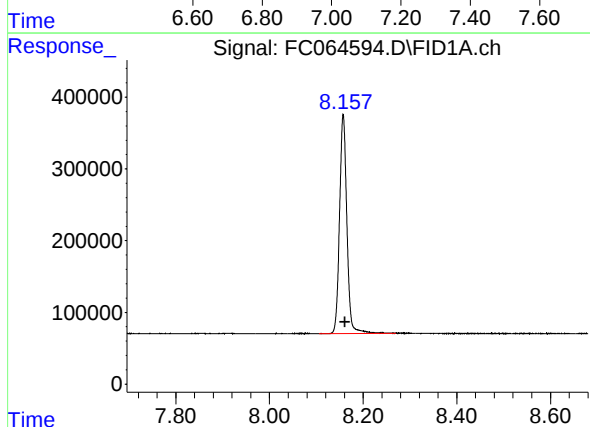
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 3381259
Conc: 18.62 ug/ml



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

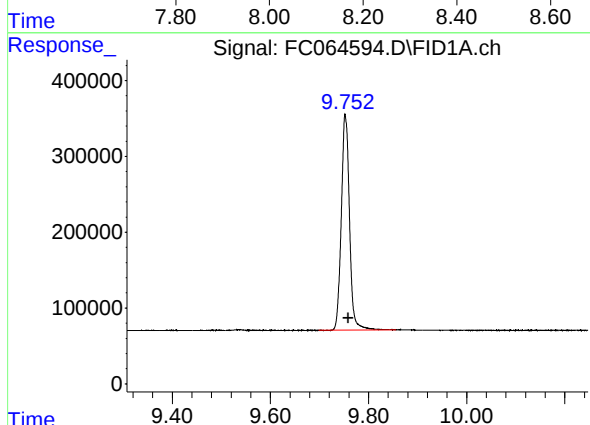
R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 3411722
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



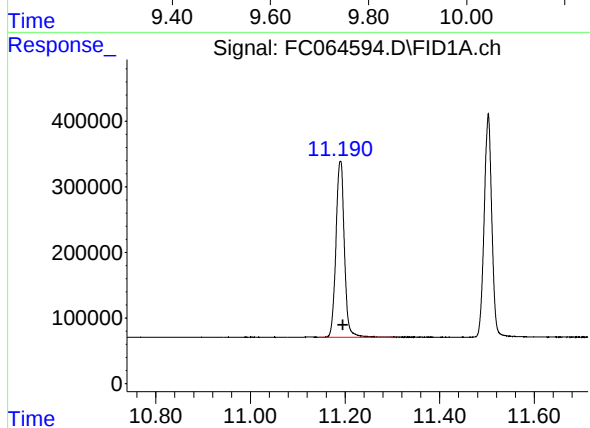
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 3305572
Conc: 18.63 ug/ml



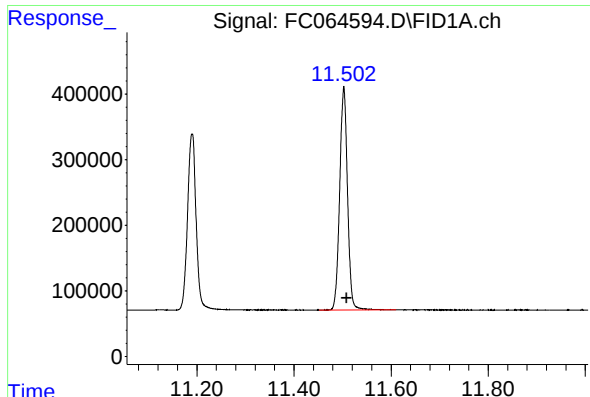
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: -0.006 min
Response: 3302885
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

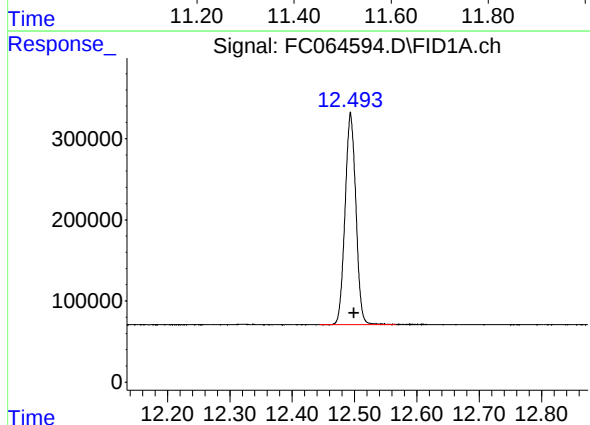
R.T.: 11.190 min
Delta R.T.: -0.005 min
Response: 3316613
Conc: 18.32 ug/ml



#9 ortho-Terphenyl (SURR)

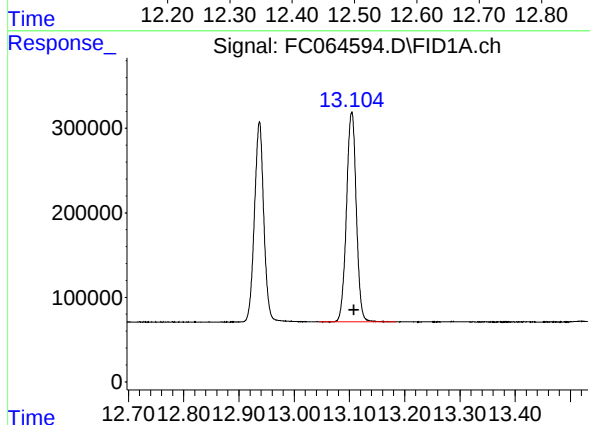
R.T.: 11.503 min
Delta R.T.: -0.006 min
Response: 3821636
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



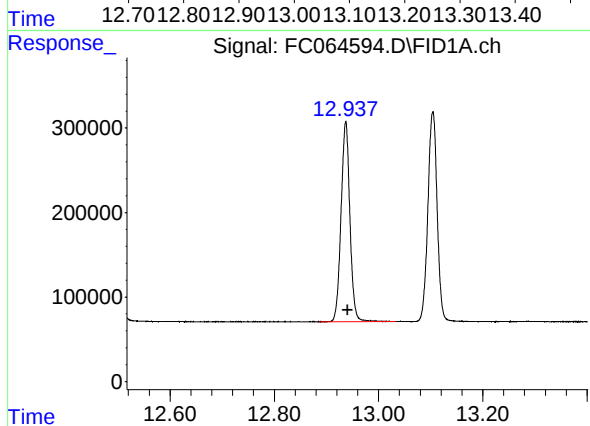
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.006 min
Response: 3138569
Conc: 18.43 ug/ml



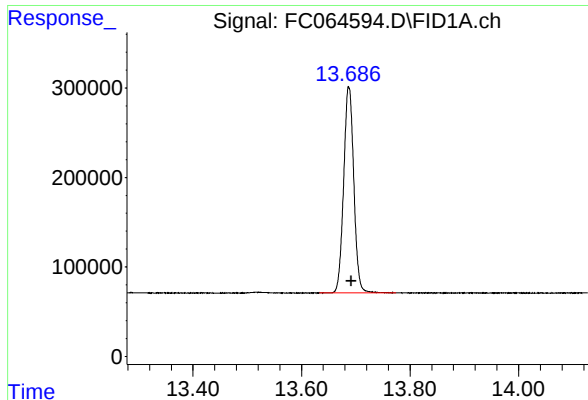
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.004 min
Response: 3058358
Conc: 18.47 ug/ml



#12 1-chlorooctadecane (SURR)

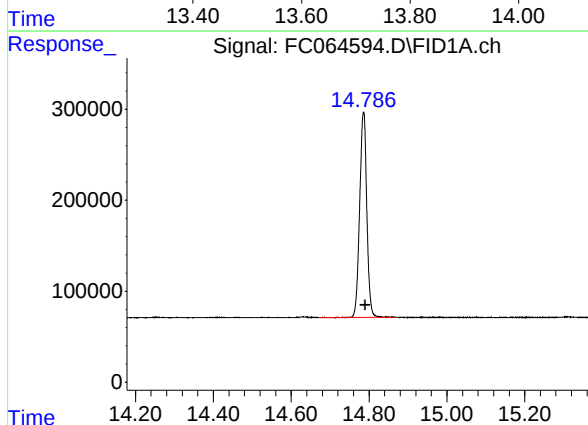
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 2788522
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

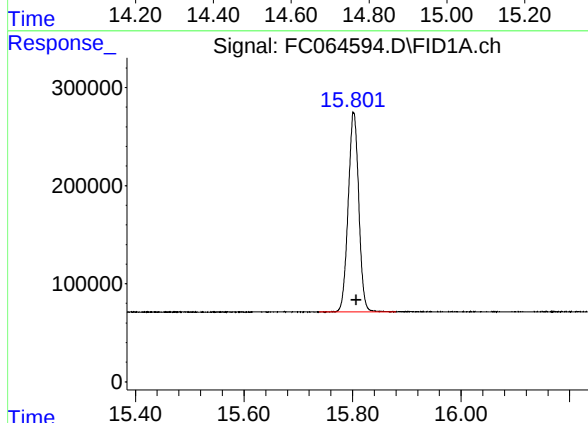
R.T.: 13.687 min
Delta R.T.: -0.005 min
Response: 2986270
Conc: 18.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



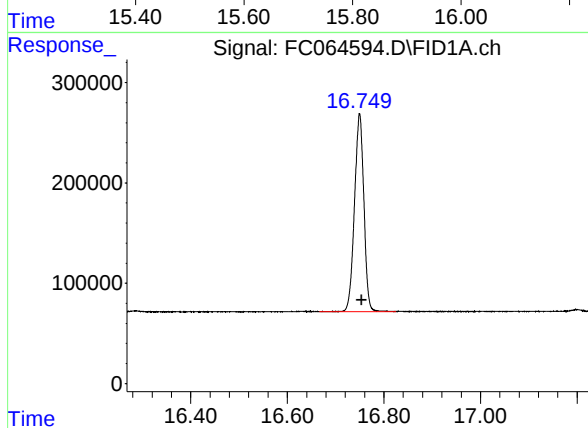
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.004 min
Response: 2866504
Conc: 18.06 ug/ml



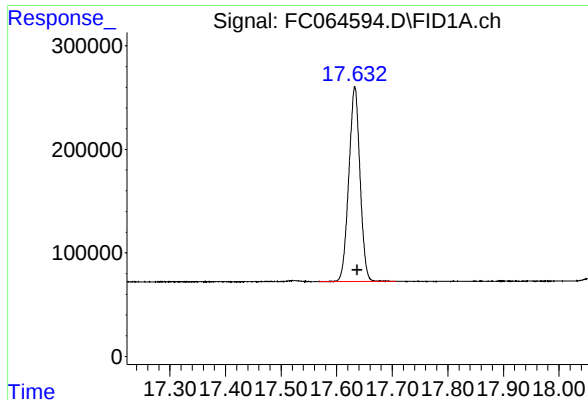
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.005 min
Response: 2752312
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

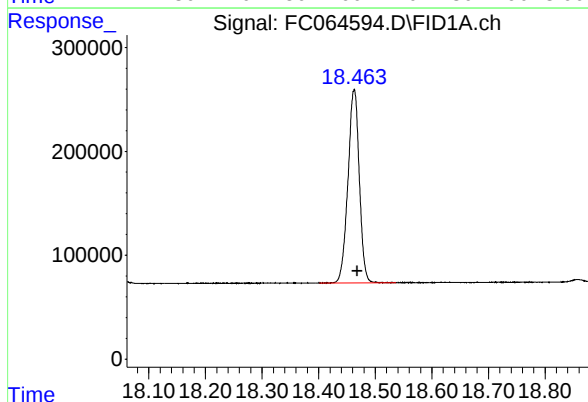
R.T.: 16.750 min
Delta R.T.: -0.004 min
Response: 2648321
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

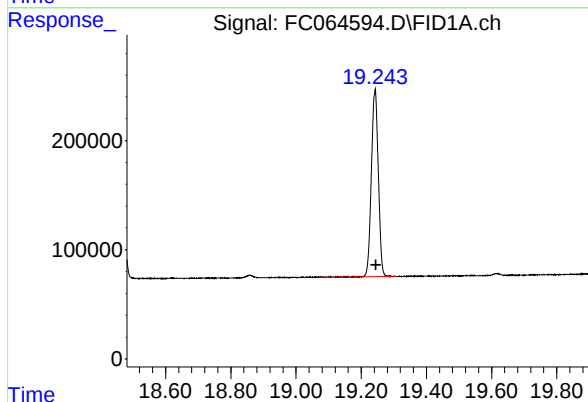
R.T.: 17.633 min
Delta R.T.: -0.005 min
Response: 2627493
Conc: 17.69 ug/ml

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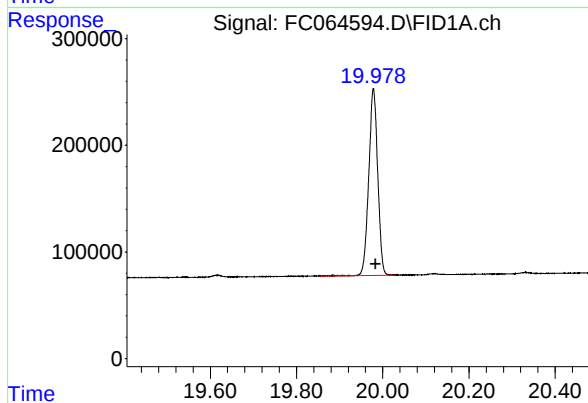
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.005 min
Response: 2595435
Conc: 17.78 ug/ml



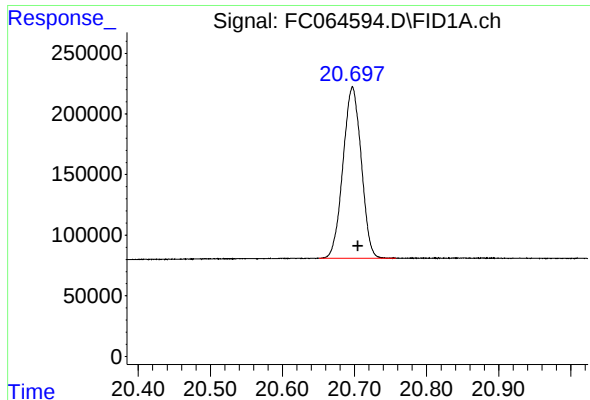
#19 n-Tetatriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 2538543
Conc: 17.86 ug/ml



#20 n-Hexatriacontane (C36)

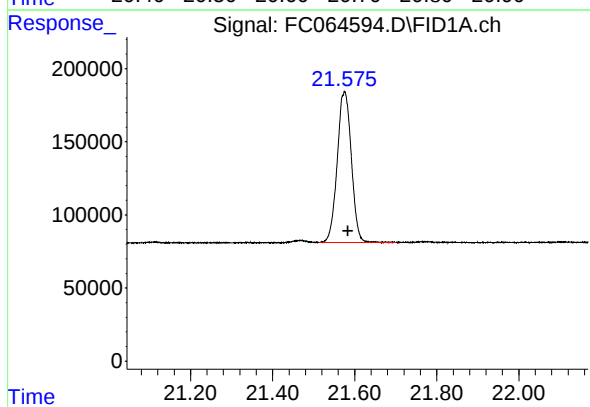
R.T.: 19.978 min
Delta R.T.: -0.005 min
Response: 2518773
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.008 min
Response: 2488639
Conc: 18.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.008 min
Response: 2472217
Conc: 18.17 ug/ml