

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090123AL\
 Data File : FC064475.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2023 13:50
 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 02 03:07:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.508	4105980	19.340 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	12.943	2979619	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.305	3535919	20.034 ug/ml
2) T n-Decane (C10)	4.364	3576207	20.386 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3789990	20.381 ug/ml
4) T n-Dodecane (C12)	6.374	3620668	20.313 ug/ml
5) T A~2-methylnaphthalene...	6.995	3689993	20.743 ug/ml
6) T n-Tetradecane (C14)	8.163	3538256	20.282 ug/ml
7) T n-Hexadecane (C16)	9.758	3533862	20.449 ug/ml
8) T n-Octadecane (C18)	11.195	3497323	19.976 ug/ml
10) T n-Eicosane (C20)	12.500	3318413	19.617 ug/ml
11) T n-Heneicosane (C21)	13.109	3234361	19.379 ug/ml
13) T n-Docosane (C22)	13.694	3176234	19.473 ug/ml
14) T n-Tetracosane (C24)	14.791	3046135	19.128 ug/ml
15) T n-Hexacosane (C26)	15.807	2928187	18.953 ug/ml
16) T n-Octacosane (C28)	16.754	2805754	18.951 ug/ml
17) T n-Tricontane (C30)	17.638	2781503	19.042 ug/ml
18) T n-Dotriacontane (C32)	18.468	2731697	19.339 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2670522	19.987 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2654235	20.743 ug/ml
21) T n-Octatriacontane (C38)	20.704	2638640	21.488 ug/ml
22) T n-Tetracontane (C40)	21.585	2640163	22.734 ug/ml

(f)=RT Delta > 1/2 Window

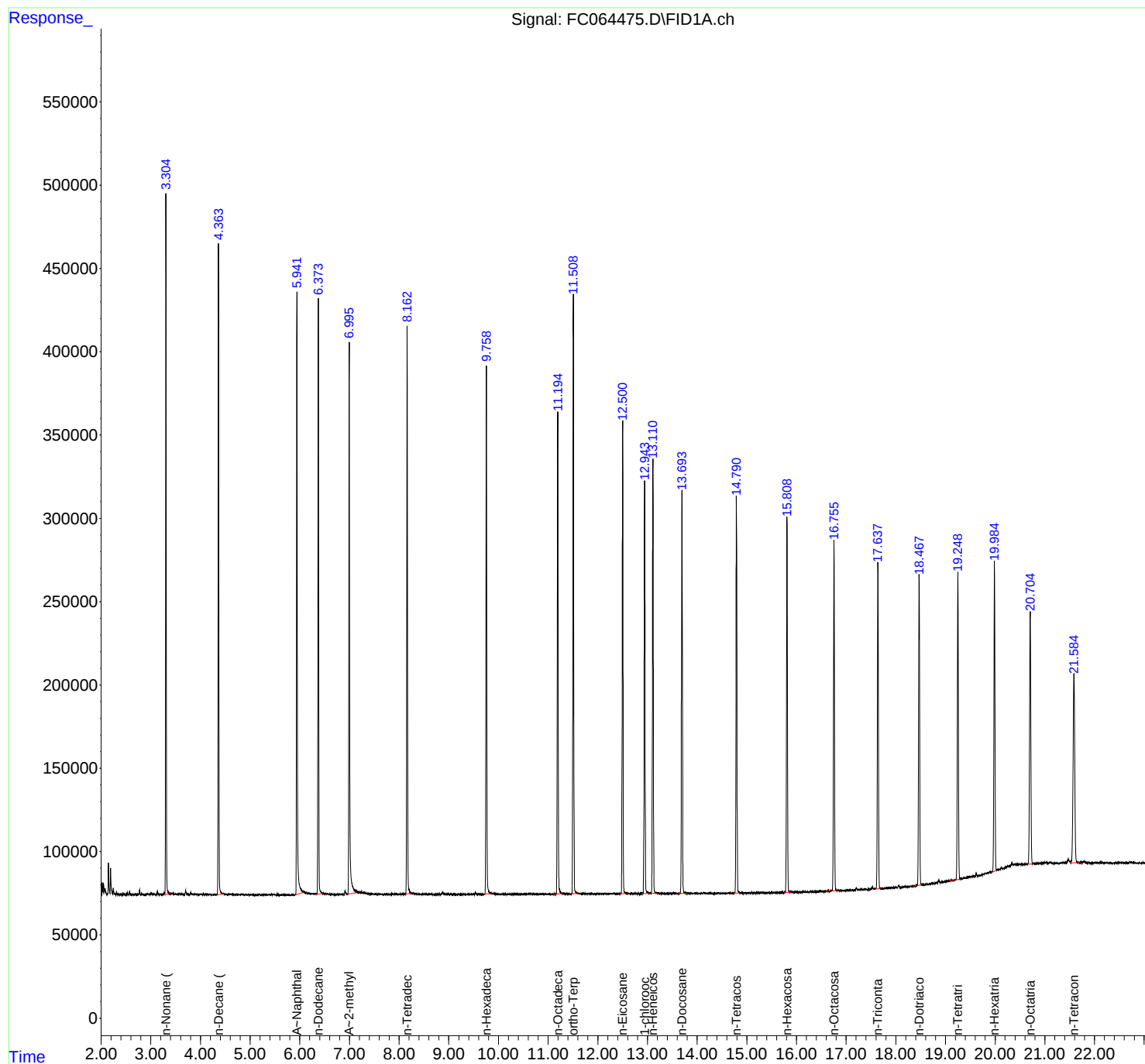
(m)=manual int.

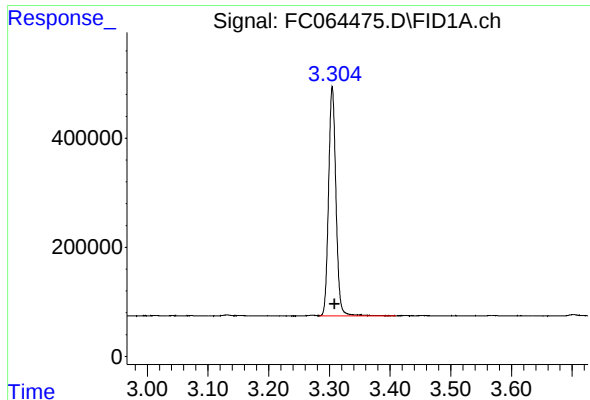
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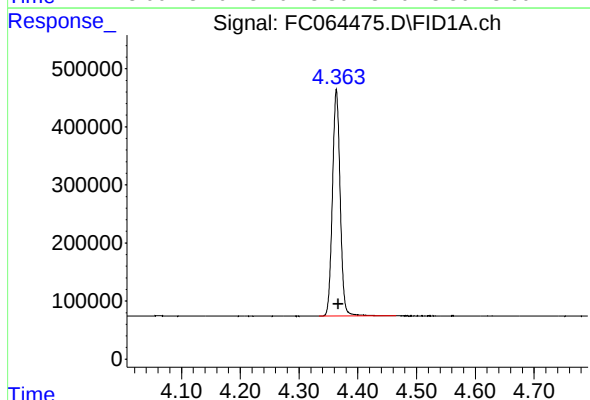




#1 n-Nonane (C9)

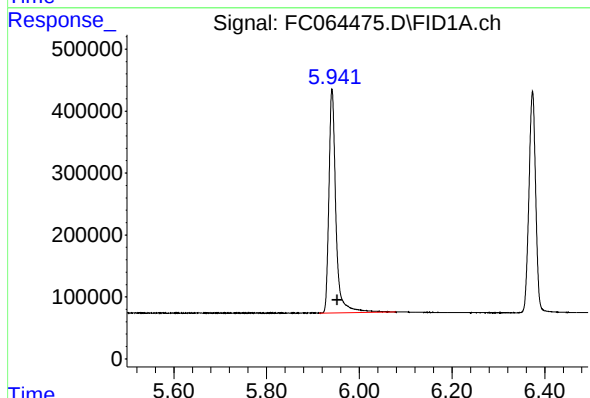
R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 3535919
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



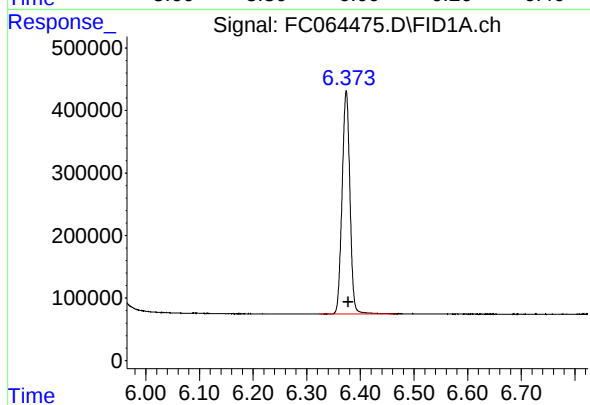
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 3576207
Conc: 20.39 ug/ml



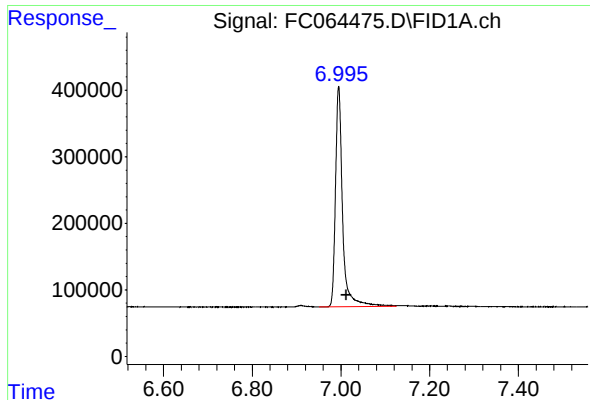
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 3789990
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

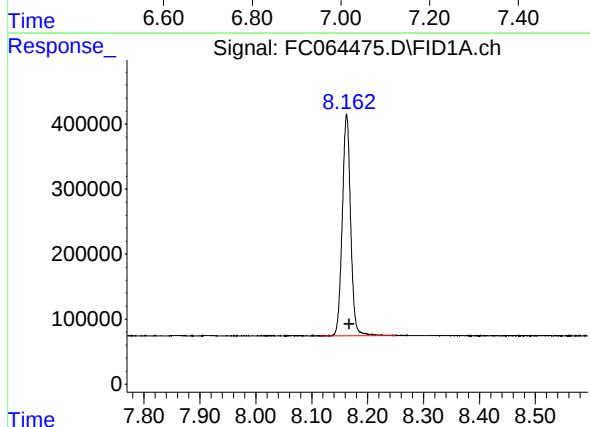
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 3620668
Conc: 20.31 ug/ml



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

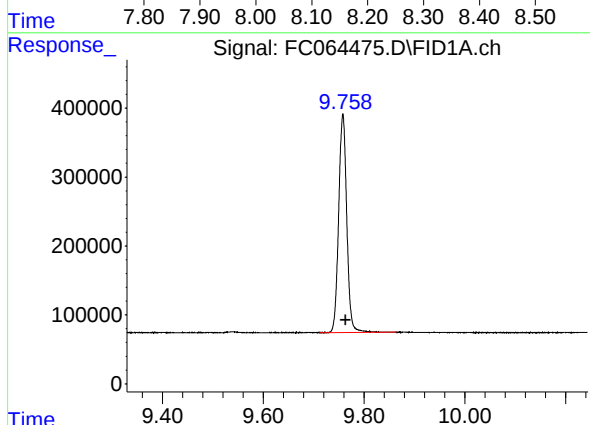
R.T.: 6.995 min
Delta R.T.: -0.017 min
Response: 3689993
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



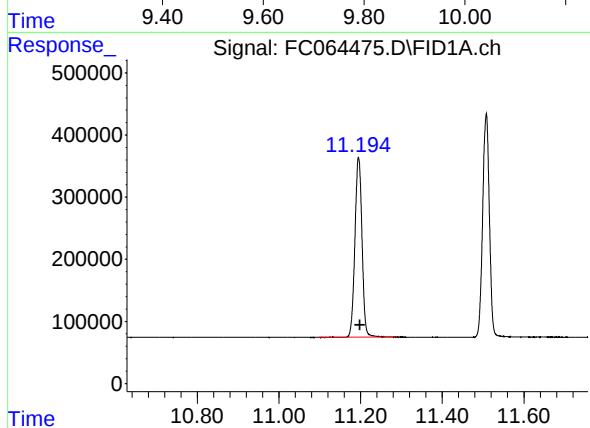
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 3538256
Conc: 20.28 ug/ml



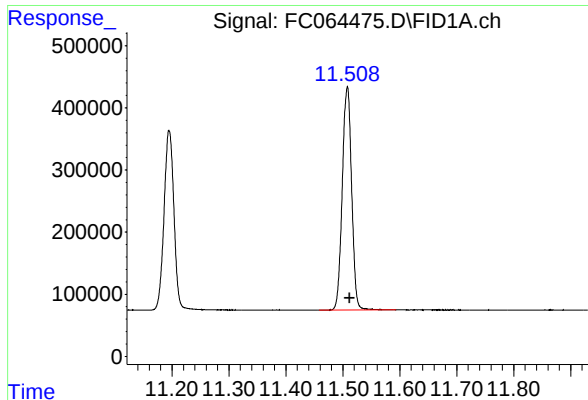
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.005 min
Response: 3533862
Conc: 20.45 ug/ml



#8 n-Octadecane (C18)

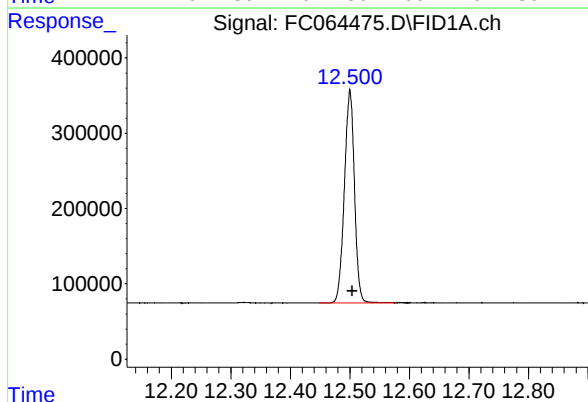
R.T.: 11.195 min
Delta R.T.: -0.004 min
Response: 3497323
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

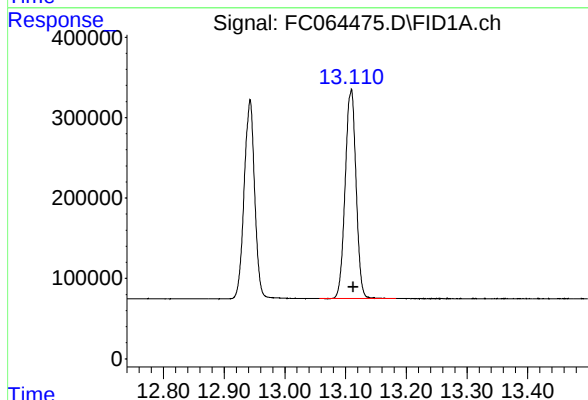
R.T.: 11.508 min
Delta R.T.: -0.004 min
Response: 4105980
Conc: 19.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



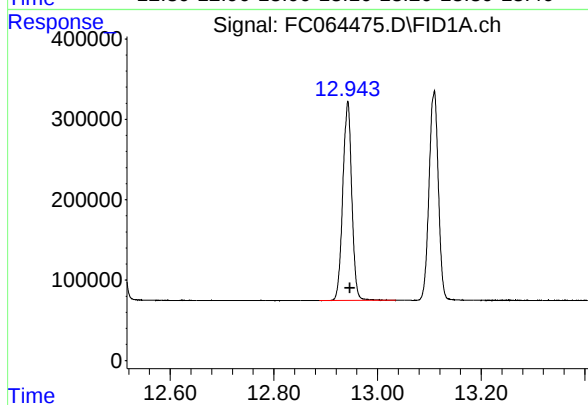
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.004 min
Response: 3318413
Conc: 19.62 ug/ml



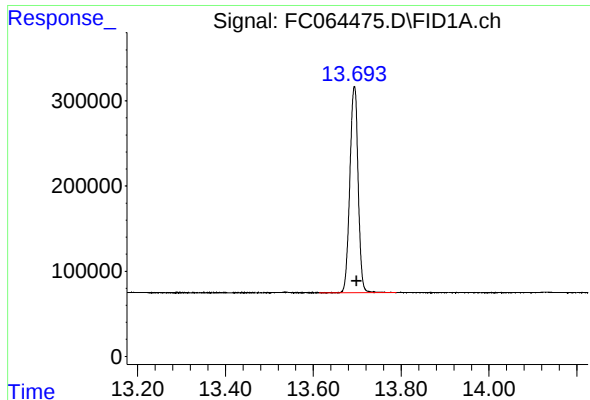
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.003 min
Response: 3234361
Conc: 19.38 ug/ml



#12 1-chlorooctadecane (SURR)

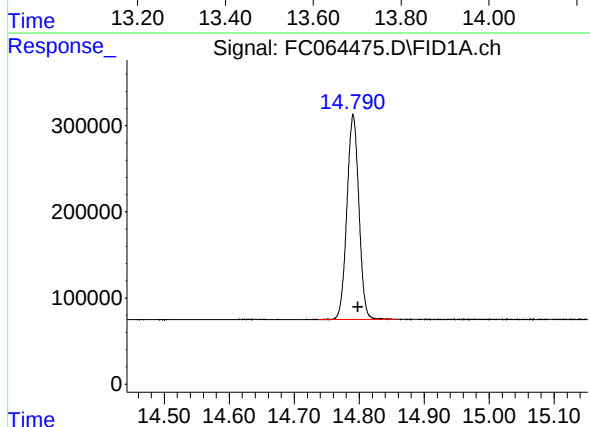
R.T.: 12.943 min
Delta R.T.: -0.005 min
Response: 2979619
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

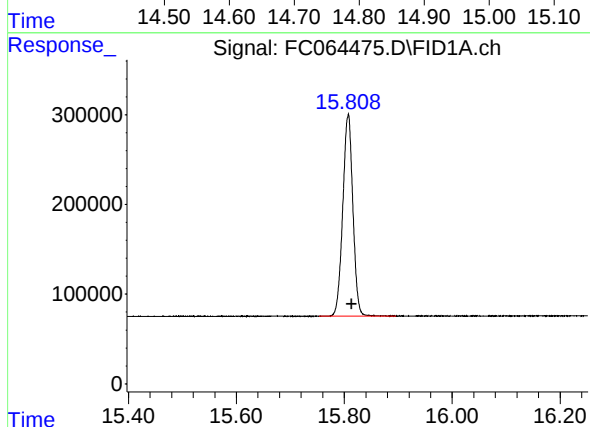
R.T.: 13.694 min
Delta R.T.: -0.004 min
Response: 3176234
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



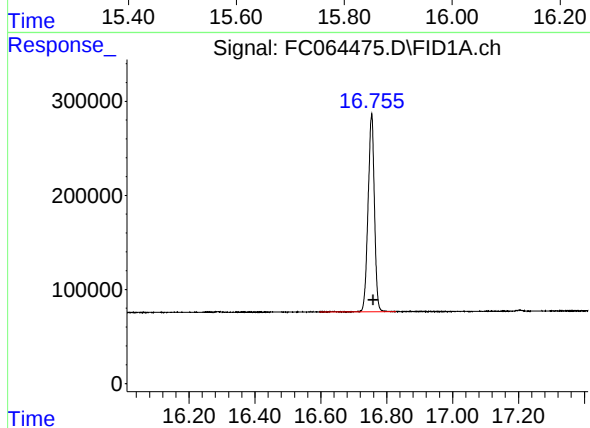
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: -0.008 min
Response: 3046135
Conc: 19.13 ug/ml



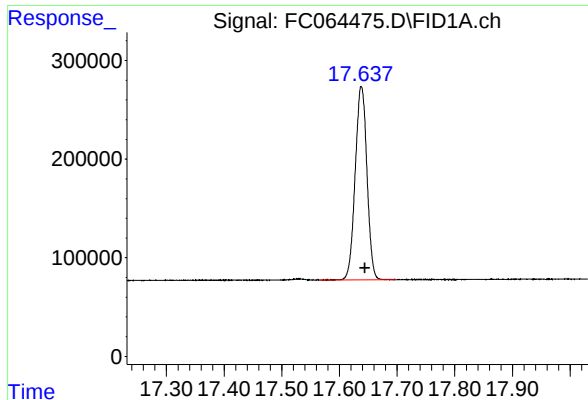
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.007 min
Response: 2928187
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

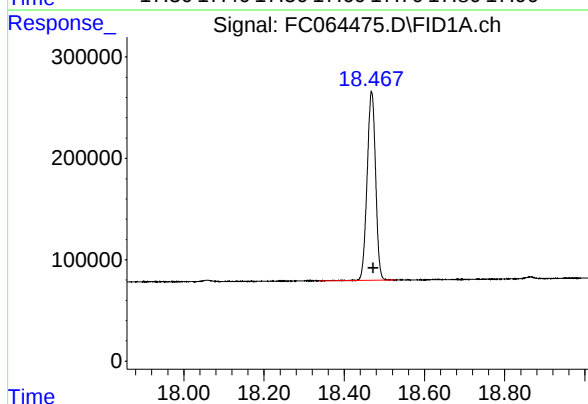
R.T.: 16.754 min
Delta R.T.: -0.005 min
Response: 2805754
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

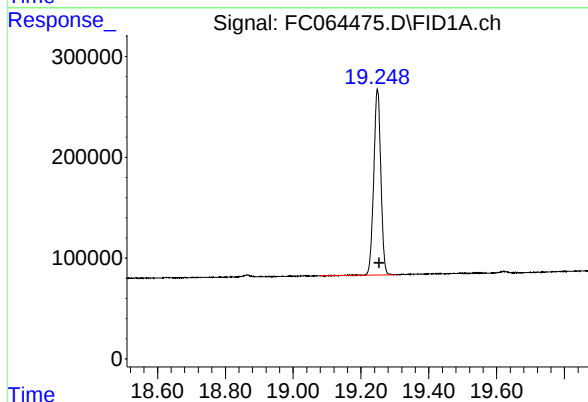
R.T.: 17.638 min
Delta R.T.: -0.006 min
Response: 2781503
Conc: 19.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



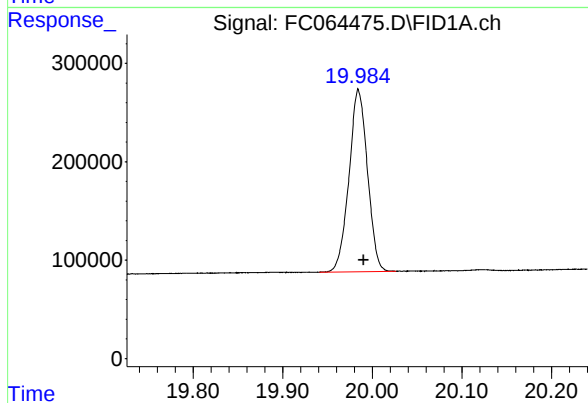
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: -0.004 min
Response: 2731697
Conc: 19.34 ug/ml



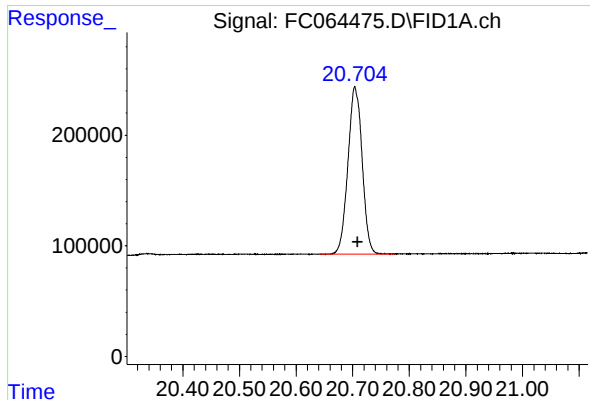
#19 n-Tetatriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.005 min
Response: 2670522
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

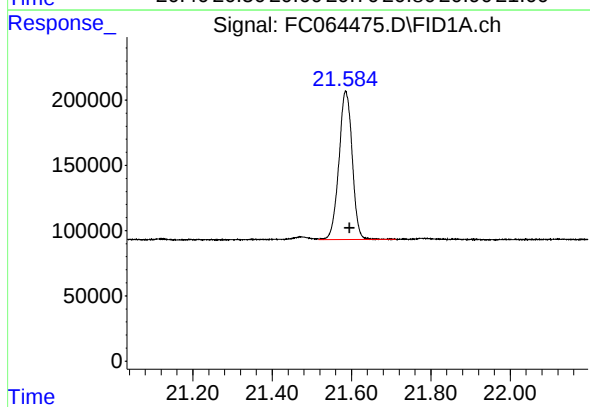
R.T.: 19.984 min
Delta R.T.: -0.006 min
Response: 2654235
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.005 min
Response: 2638640
Conc: 21.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.011 min
Response: 2640163
Conc: 22.73 ug/ml