

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
 Data File : FC068286.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2025 12:41
 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: Feb 21 01:10:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 2025
 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)	11.400	2974358	19.034 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
12) S 1-chlorooctadecane (S...	12.842	2195228	19.088 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.205	2797359	20.429 ug/ml
2) T n-Decane (C10)	4.263	2820222	20.314 ug/ml
3) T A~Naphthalene (C11.7)	5.830	3052805	20.335 ug/ml
4) T n-Dodecane (C12)	6.272	2782855	19.920 ug/ml
5) T A~2-methylnaphthalene...	6.883	2892043	20.135 ug/ml
6) T n-Tetradecane (C14)	8.061	2687249	19.690 ug/ml
7) T n-Hexadecane (C16)	9.657	2707862	19.488 ug/ml
8) T n-Octadecane (C18)	11.095	2701836	19.310 ug/ml
10) T n-Eicosane (C20)	12.401	2568486	19.196 ug/ml
11) T n-Heneicosane (C21)	13.012	2514969	19.149 ug/ml
13) T n-Docosane (C22)	13.596	2483787	19.175 ug/ml
14) T n-Tetracosane (C24)	14.698	2453887	19.113 ug/ml
15) T n-Hexacosane (C26)	15.718	2409229	19.146 ug/ml
16) T n-Octacosane (C28)	16.666	2368981	18.941 ug/ml
17) T n-Tricontane (C30)	17.552	2411712	18.659 ug/ml
18) T n-Dotriacontane (C32)	18.385	2327842	18.621 ug/ml
19) T n-Tetratriacontane (C34)	19.167	2078392	19.160 ug/ml
20) T n-Hexatriacontane (C36)	19.906	1845604	19.943 ug/ml
21) T n-Octatriacontane (C38)	20.618	1772960	20.691 ug/ml
22) T n-Tetracontane (C40)	21.474	1746866	21.604 ug/ml

(f)=RT Delta > 1/2 Window

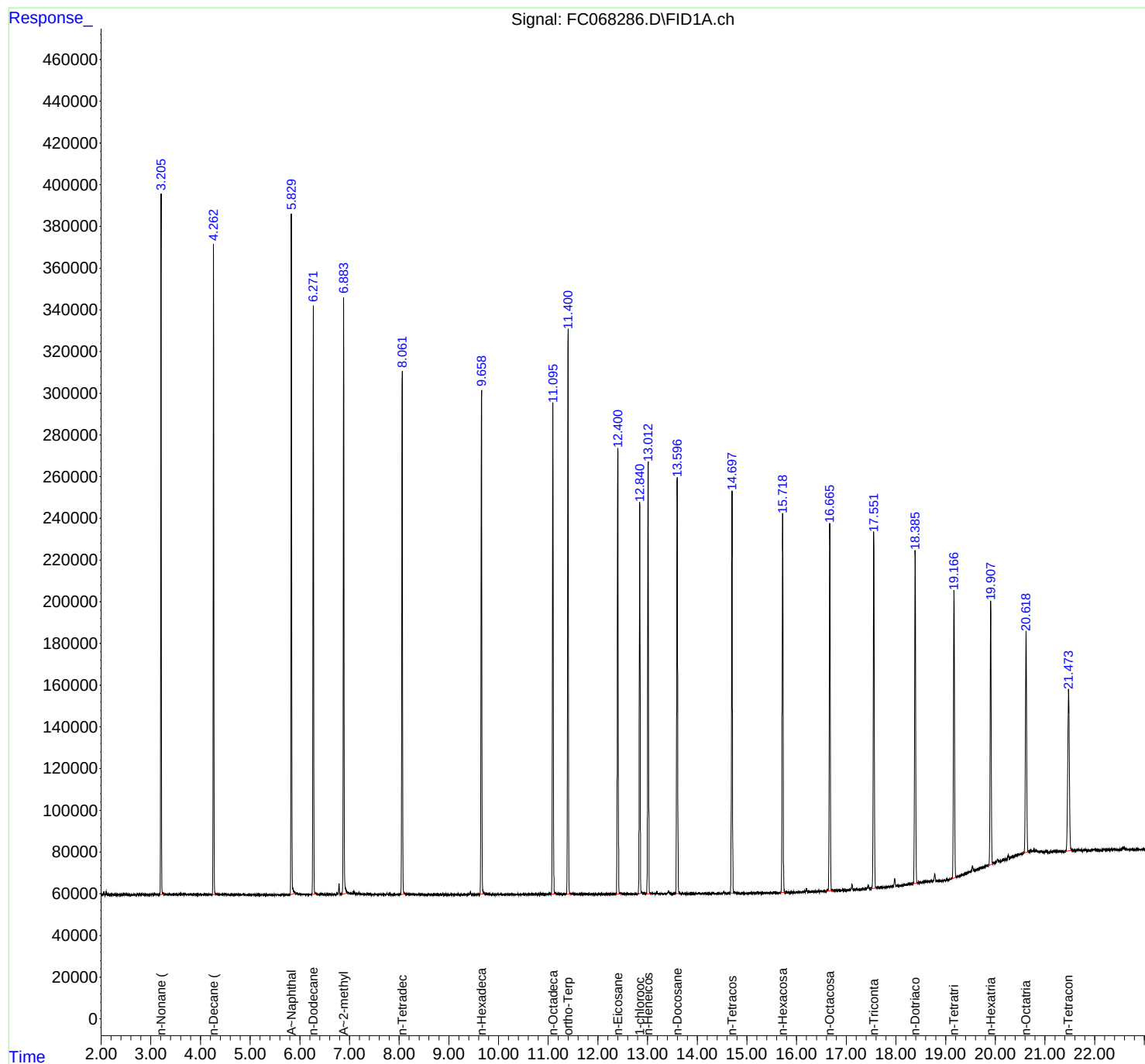
(m)=manual int.

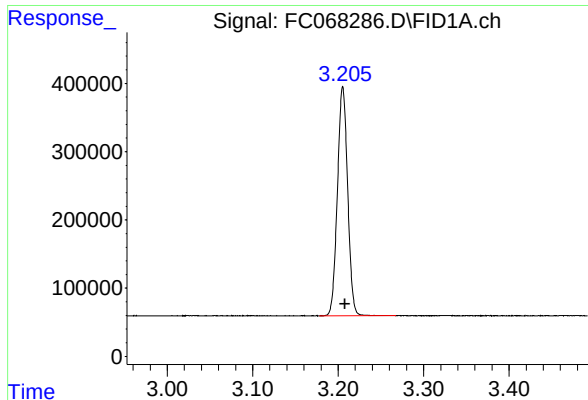
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022025AL\
Data File : FC068286.D
Signal(s) : FID1A.ch
Acq On : 20 Feb 2025 12:41
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Feb 21 01:10:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
Quant Title : GC Extractables
QLast Update : Wed Feb 12 12:52:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

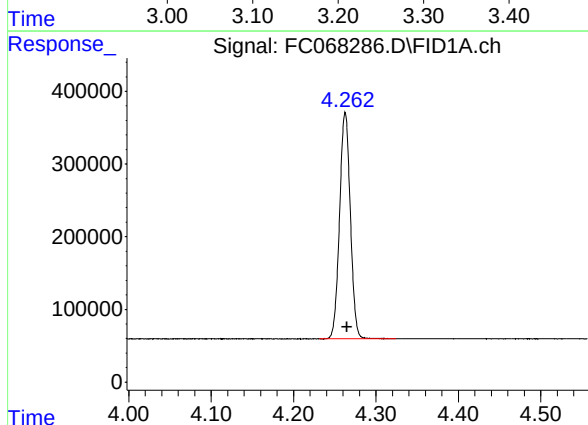




#1 n-Nonane (C9)

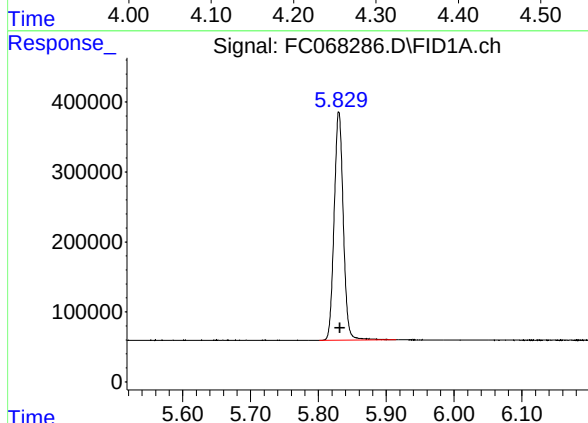
R.T.: 3.205 min
Delta R.T.: -0.003 min
Response: 2797359
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



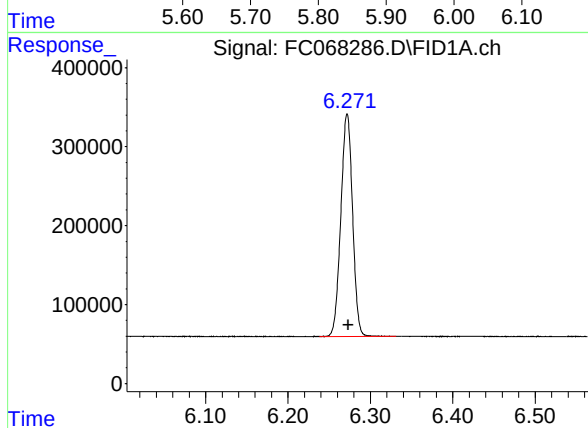
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 2820222
Conc: 20.31 ug/ml



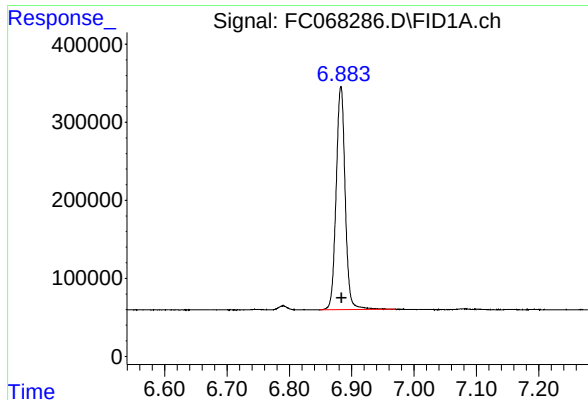
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 3052805
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

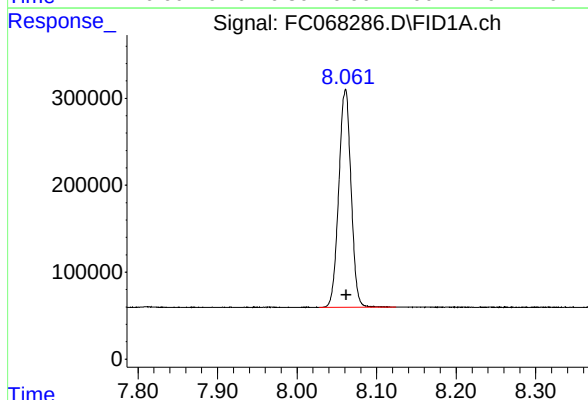
R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 2782855
Conc: 19.92 ug/ml



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

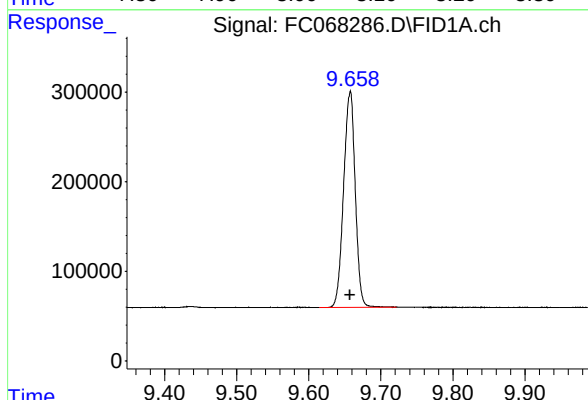
R.T.: 6.883 min
Delta R.T.: -0.001 min
Response: 2892043
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



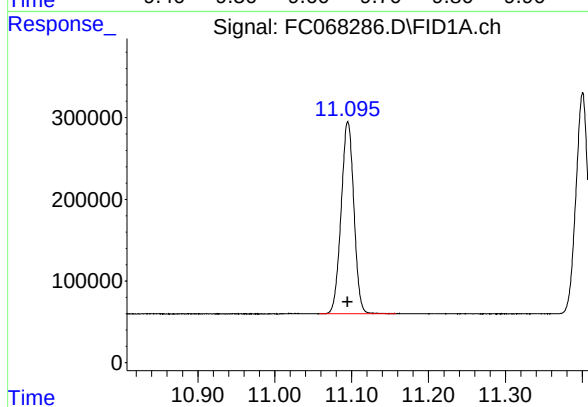
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 2687249
Conc: 19.69 ug/ml



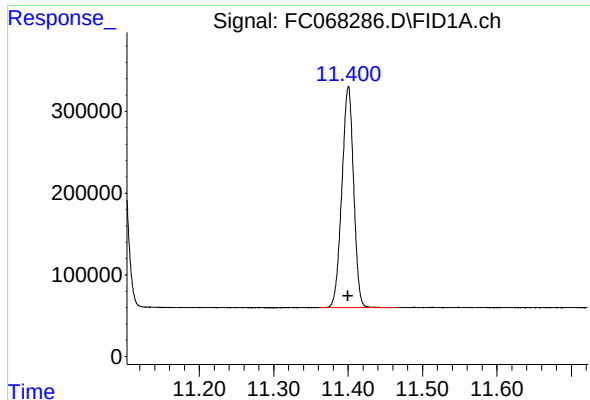
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2707862
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

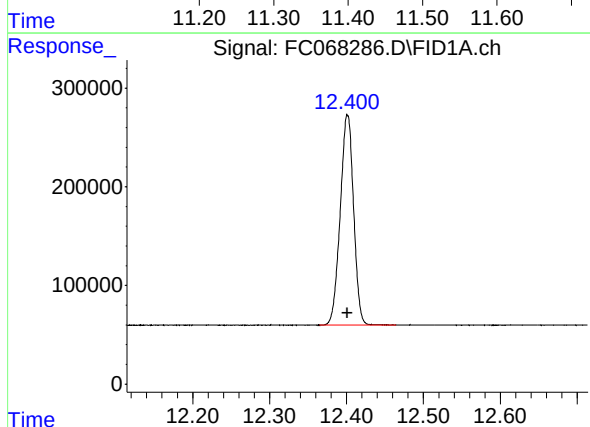
R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2701836
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

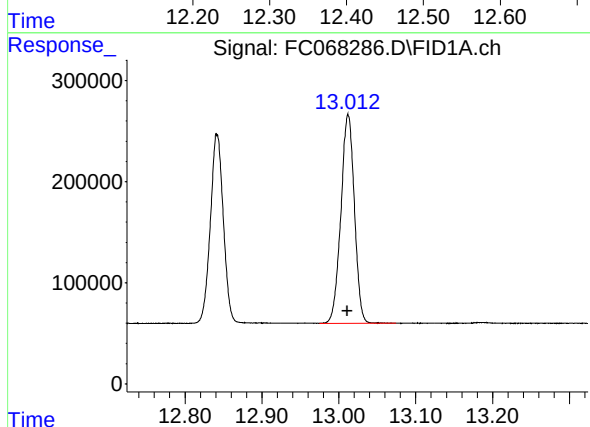
R.T.: 11.400 min
Delta R.T.: 0.000 min
Response: 2974358
Conc: 19.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



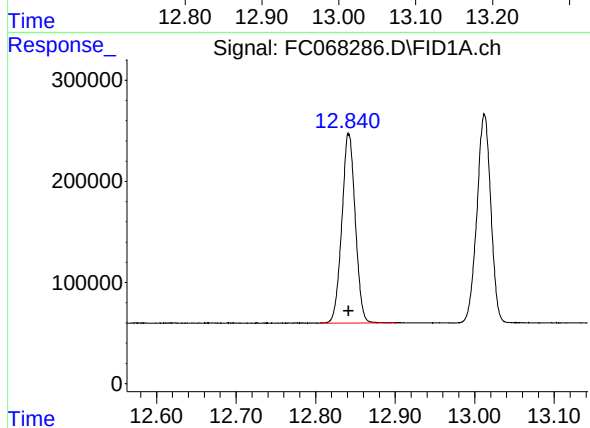
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 2568486
Conc: 19.20 ug/ml



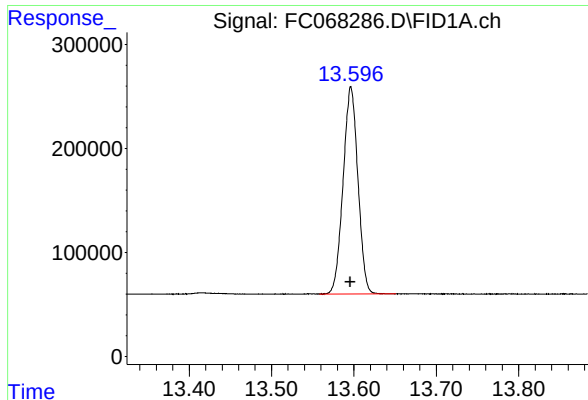
#11 n-Heneicosane (C21)

R.T.: 13.012 min
Delta R.T.: 0.001 min
Response: 2514969
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

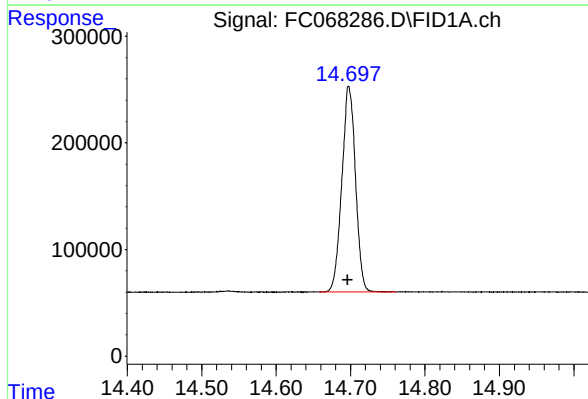
R.T.: 12.842 min
Delta R.T.: 0.000 min
Response: 2195228
Conc: 19.09 ug/ml



#13 n-Docosane (C22)

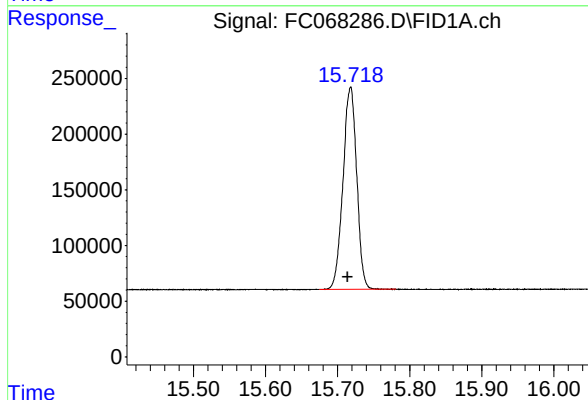
R.T.: 13.596 min
Delta R.T.: 0.000 min
Response: 2483787
Conc: 19.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



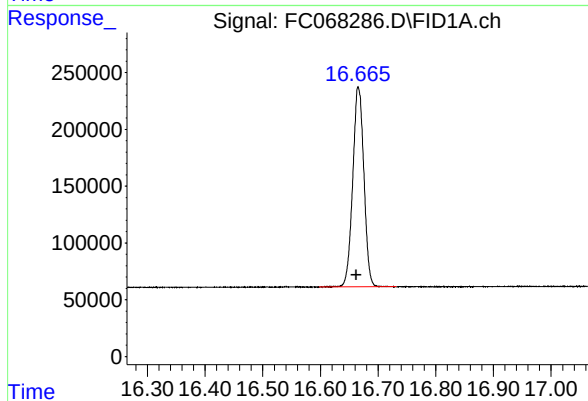
#14 n-Tetracosane (C24)

R.T.: 14.698 min
Delta R.T.: 0.002 min
Response: 2453887
Conc: 19.11 ug/ml



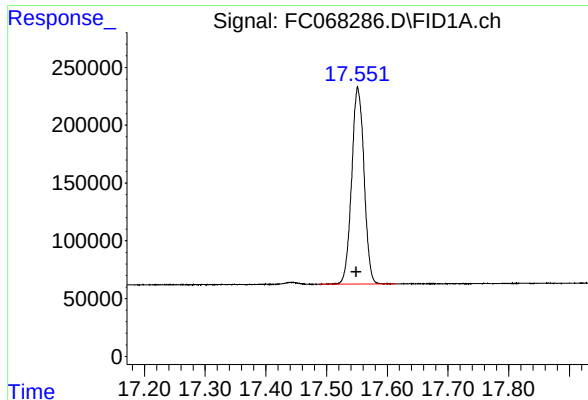
#15 n-Hexacosane (C26)

R.T.: 15.718 min
Delta R.T.: 0.004 min
Response: 2409229
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

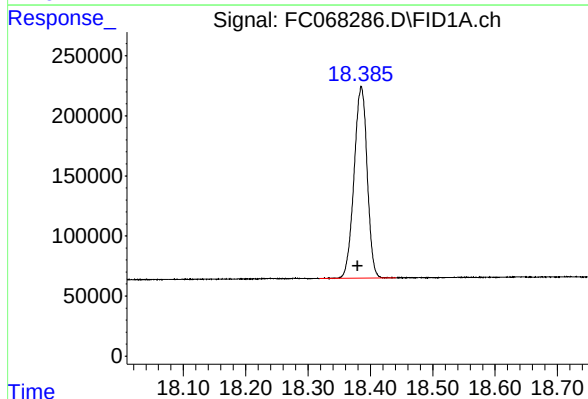
R.T.: 16.666 min
Delta R.T.: 0.004 min
Response: 2368981
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

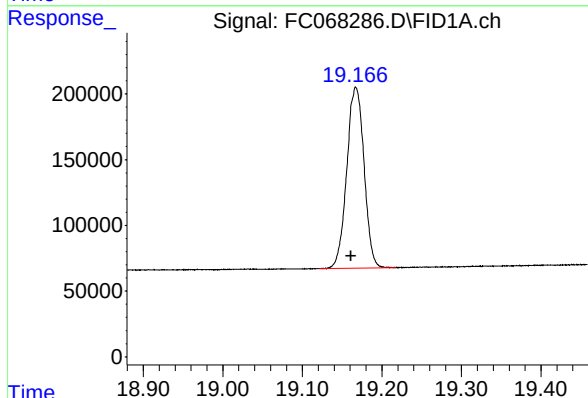
R.T.: 17.552 min
Delta R.T.: 0.003 min
Response: 2411712
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



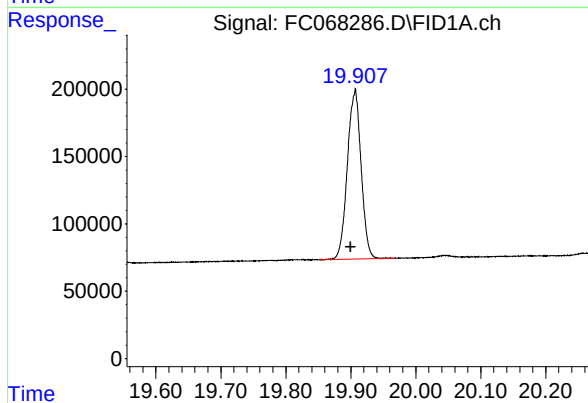
#18 n-Dotriacontane (C32)

R.T.: 18.385 min
Delta R.T.: 0.006 min
Response: 2327842
Conc: 18.62 ug/ml



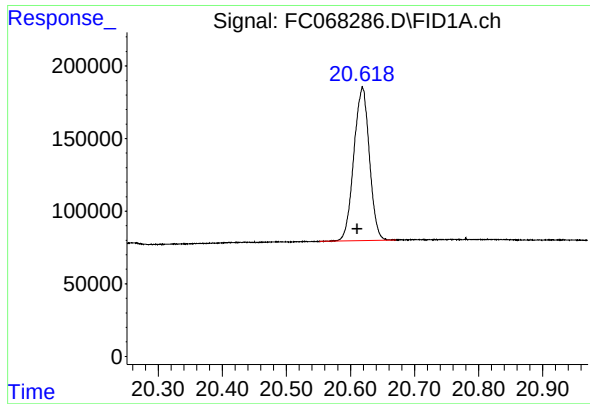
#19 n-Tetatriacontane (C34)

R.T.: 19.167 min
Delta R.T.: 0.006 min
Response: 2078392
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

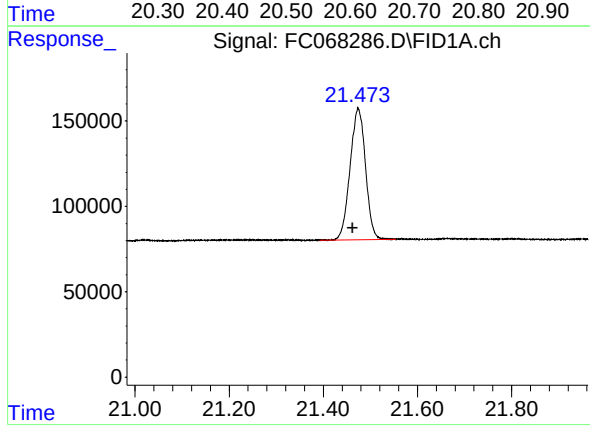
R.T.: 19.906 min
Delta R.T.: 0.006 min
Response: 1845604
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.618 min
Delta R.T.: 0.007 min
Response: 1772960
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: 0.012 min
Response: 1746866
Conc: 21.60 ug/ml