

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012420AL\
 Data File : FC045475.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jan 2020 6:17
 Operator : DD\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: sample.E
 Quant Time: Jan 27 00:20:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.758	2088006	18.994 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
12) S 1-chlorooctadecane (S...	13.180	1630015	18.748 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T n-Nonane (C9)	3.515	1976926	20.439 ug/ml
2) T n-Decane (C10)	4.588	1989191	20.539 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2176578	20.379 ug/ml
4) T n-Dodecane (C12)	6.604	2005581	20.515 ug/ml
5) T A~2-methylnaphthalene...	7.243	2170605	20.249 ug/ml
6) T n-Tetradecane (C14)	8.393	1992370	20.218 ug/ml
7) T n-Hexadecane (C16)	9.989	1988623	19.864 ug/ml
8) T n-Octadecane (C18)	11.427	1976402	19.404 ug/ml
10) T n-Eicosane (C20)	12.733	1950550	19.020 ug/ml
11) T n-Heneicosane (C21)	13.344	1944455	18.785 ug/ml
13) T n-Docosane (C22)	13.929	1915757	18.567 ug/ml
14) T n-Tetracosane (C24)	15.028	1882132	18.113 ug/ml
15) T n-Hexacosane (C26)	16.047	1830455	17.717 ug/ml
16) T n-Octacosane (C28)	16.993	1782052	17.435 ug/ml
17) T n-Tricontane (C30)	17.880	1713153	17.451 ug/ml
18) T n-Dotriacontane (C32)	18.707	1457099	17.511 ug/ml
19) T n-Tetratriacontane (C34)	19.489	1241707	17.546 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1130029	17.624 ug/ml
21) T n-Octatriacontane (C38)	20.994	1035384	17.702 ug/ml
22) T n-Tetracontane (C40)	21.958	1114938	18.900 ug/ml

(f)=RT Delta > 1/2 Window

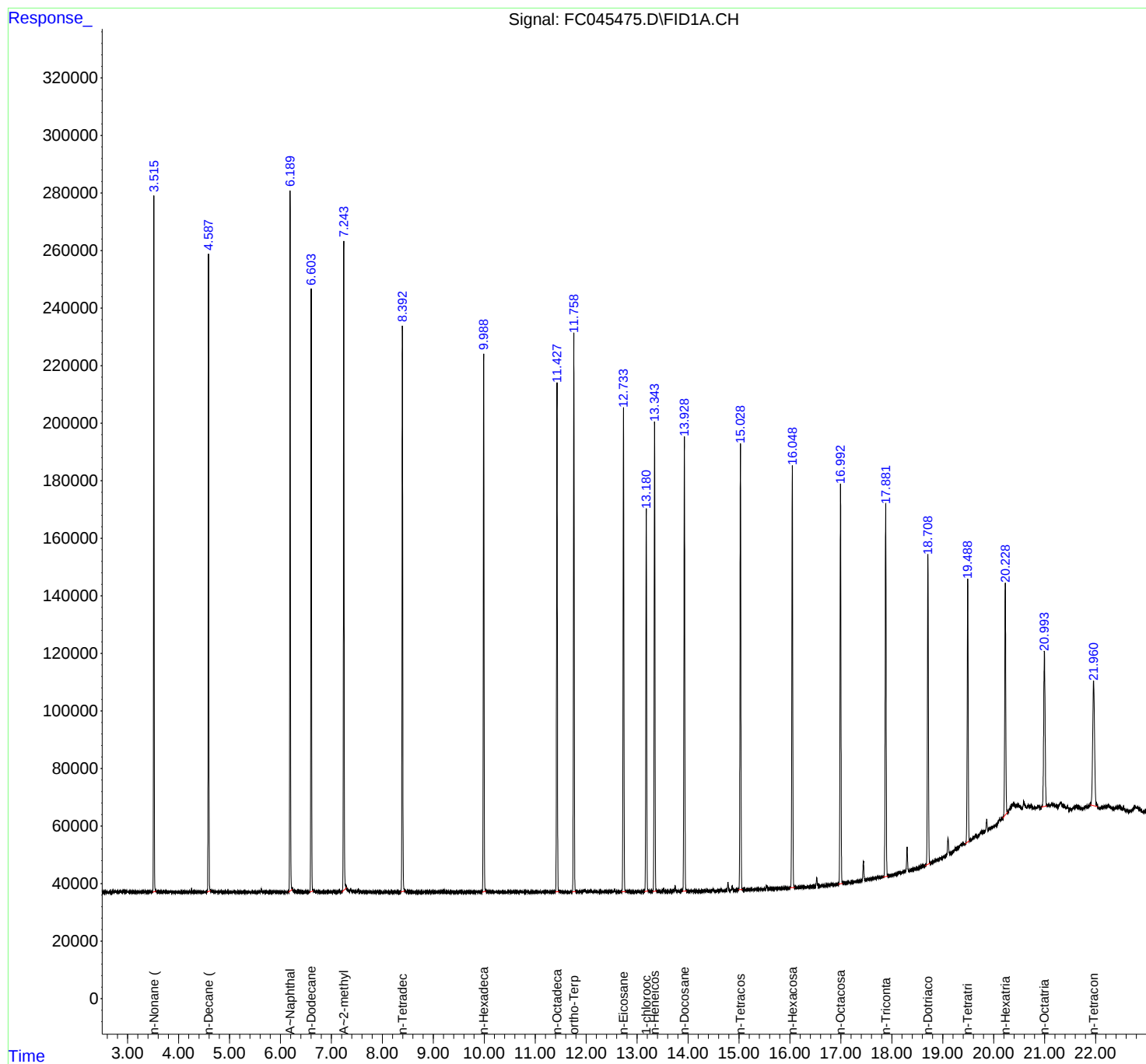
(m)=manual int.

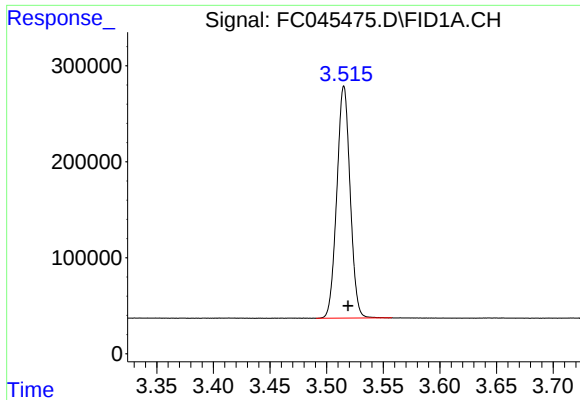
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012420AL\
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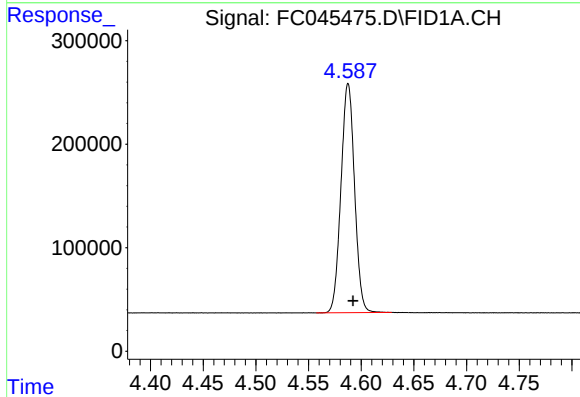




#1 n-Nonane (C9)

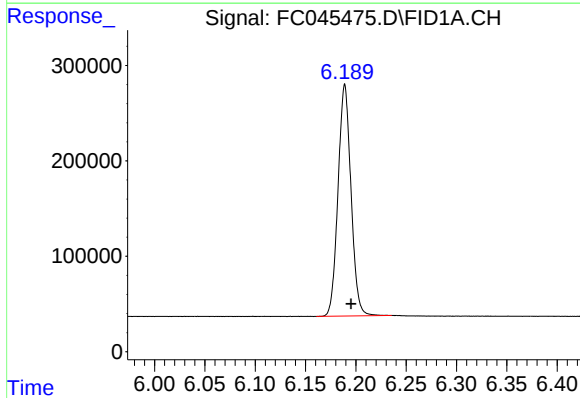
R.T.: 3.515 min
Delta R.T.: -0.004 min
Response: 1976926
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



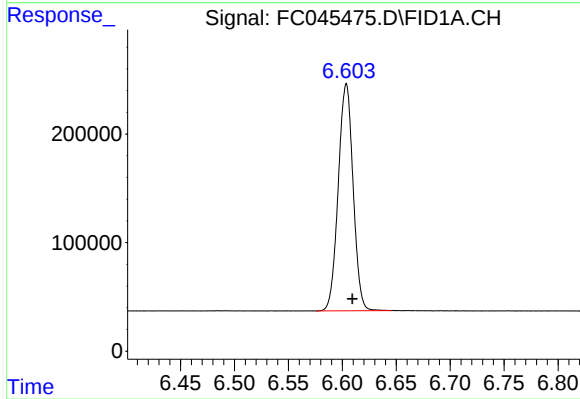
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.005 min
Response: 1989191
Conc: 20.54 ug/ml



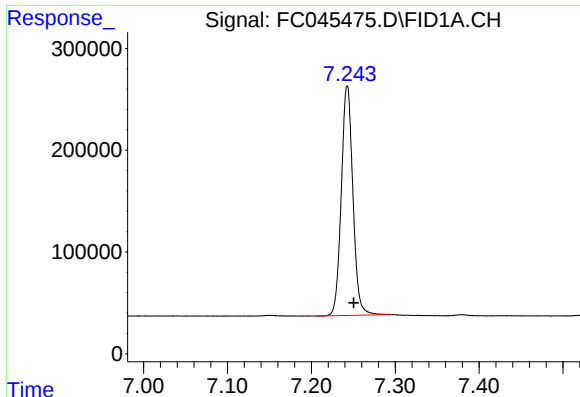
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.006 min
Response: 2176578
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

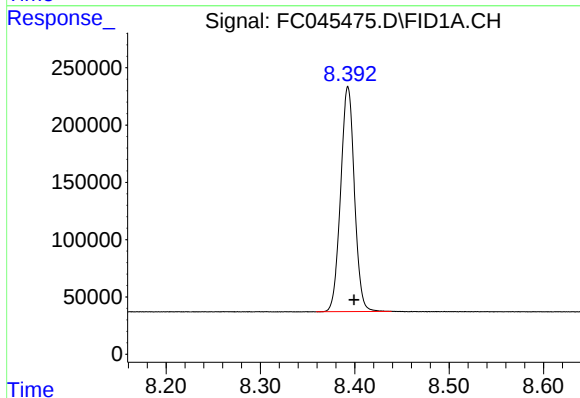
R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 2005581
Conc: 20.52 ug/ml



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

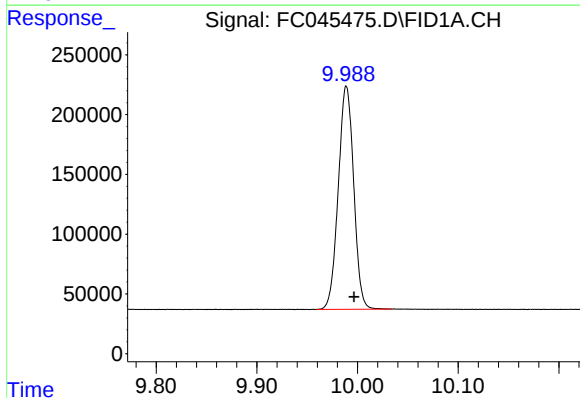
R.T.: 7.243 min
Delta R.T.: -0.008 min
Response: 2170605
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



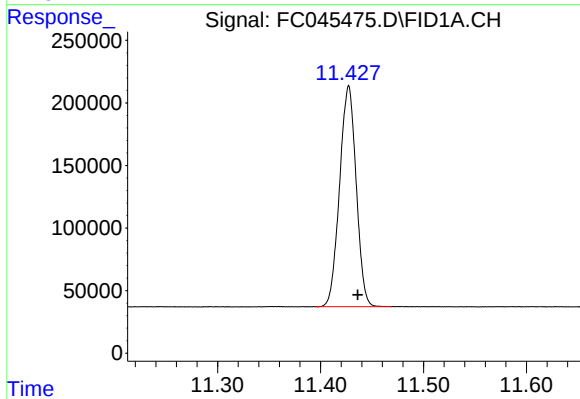
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.007 min
Response: 1992370
Conc: 20.22 ug/ml



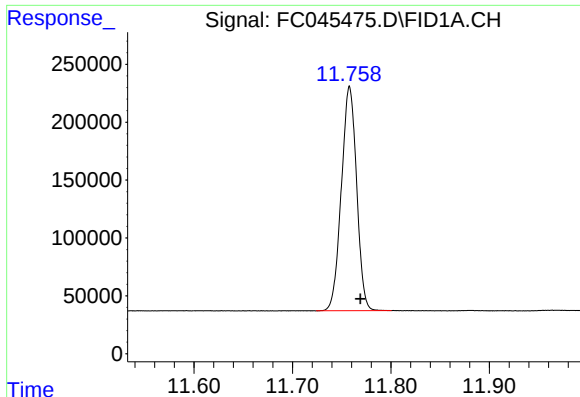
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.008 min
Response: 1988623
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

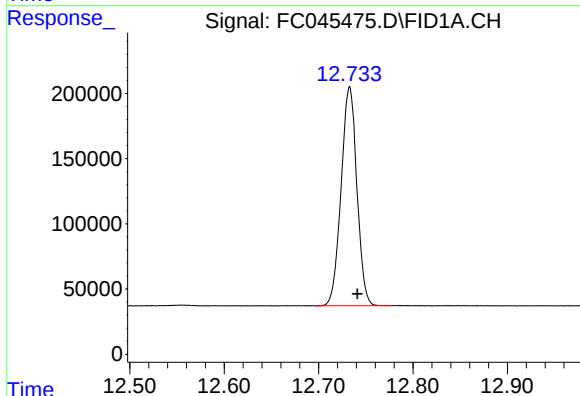
R.T.: 11.427 min
Delta R.T.: -0.009 min
Response: 1976402
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

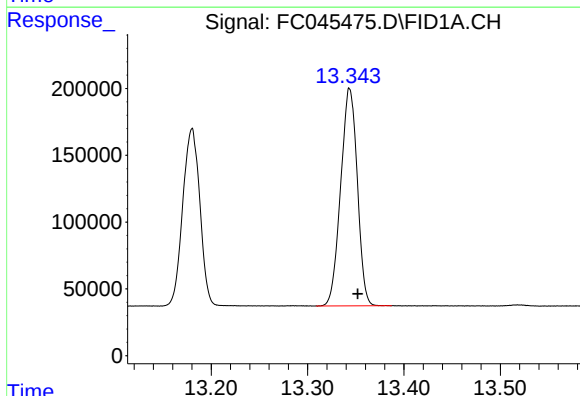
R.T.: 11.758 min
Delta R.T.: -0.011 min
Response: 2088006
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



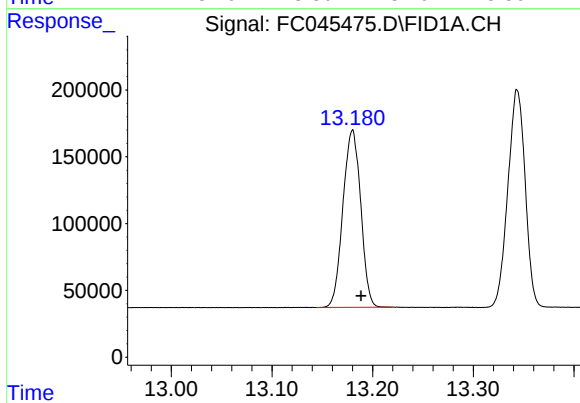
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: -0.008 min
Response: 1950550
Conc: 19.02 ug/ml



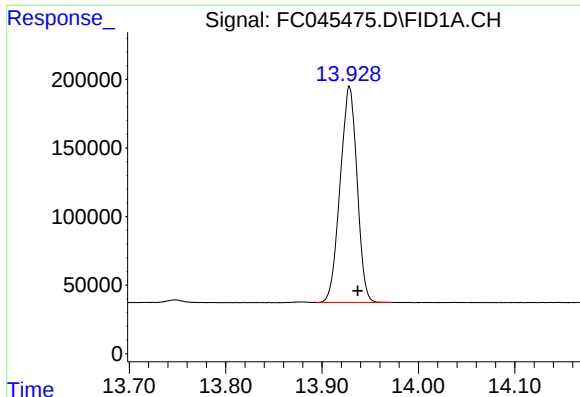
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.008 min
Response: 1944455
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

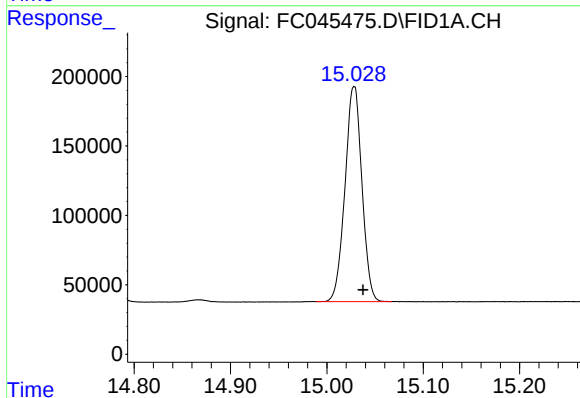
R.T.: 13.180 min
Delta R.T.: -0.008 min
Response: 1630015
Conc: 18.75 ug/ml



#13 n-Docosane (C22)

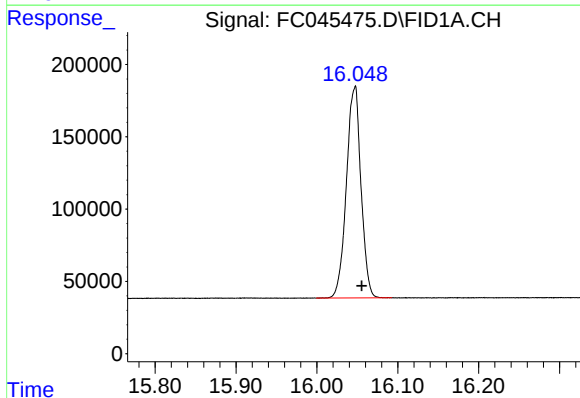
R.T.: 13.929 min
Delta R.T.: -0.008 min
Response: 1915757
Conc: 18.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



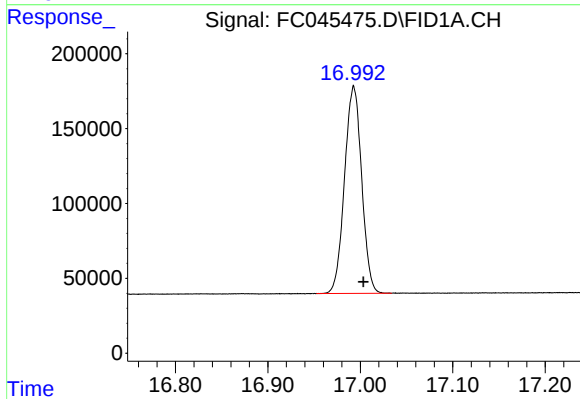
#14 n-Tetracosane (C24)

R.T.: 15.028 min
Delta R.T.: -0.009 min
Response: 1882132
Conc: 18.11 ug/ml



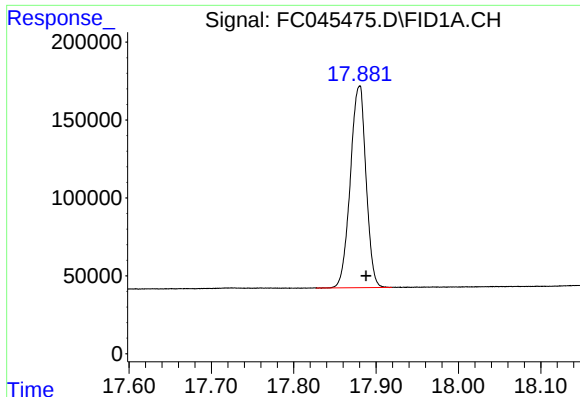
#15 n-Hexacosane (C26)

R.T.: 16.047 min
Delta R.T.: -0.009 min
Response: 1830455
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

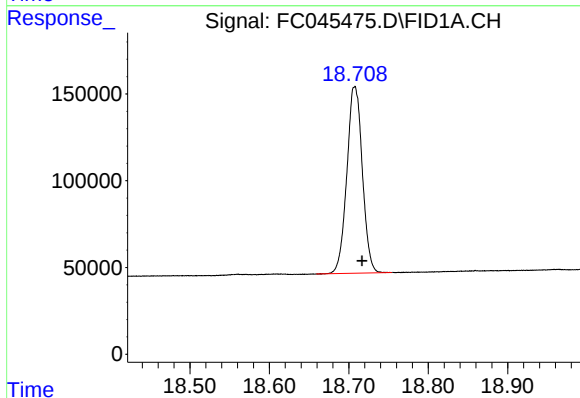
R.T.: 16.993 min
Delta R.T.: -0.010 min
Response: 1782052
Conc: 17.43 ug/ml



#17 n-Tricontane (C30)

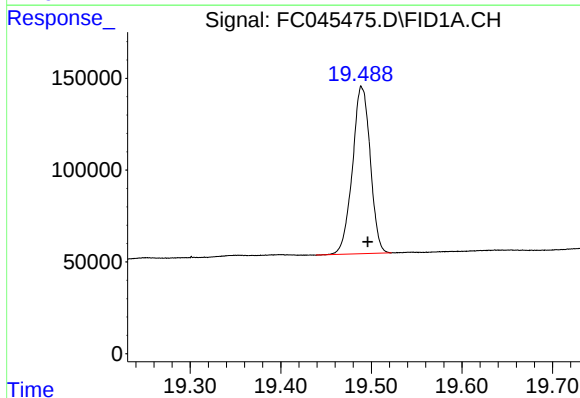
R.T.: 17.880 min
Delta R.T.: -0.008 min
Response: 1713153
Conc: 17.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



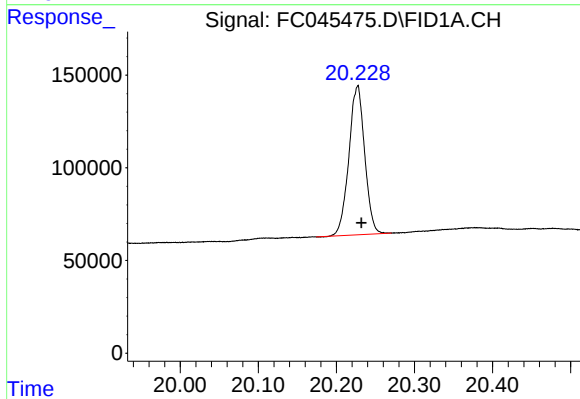
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: -0.009 min
Response: 1457099
Conc: 17.51 ug/ml



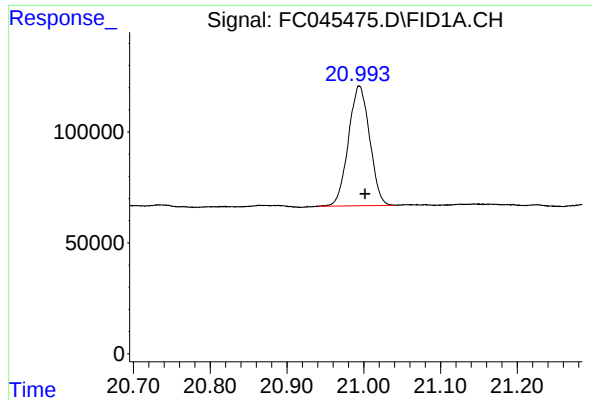
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.007 min
Response: 1241707
Conc: 17.55 ug/ml



#20 n-Hexatriacontane (C36)

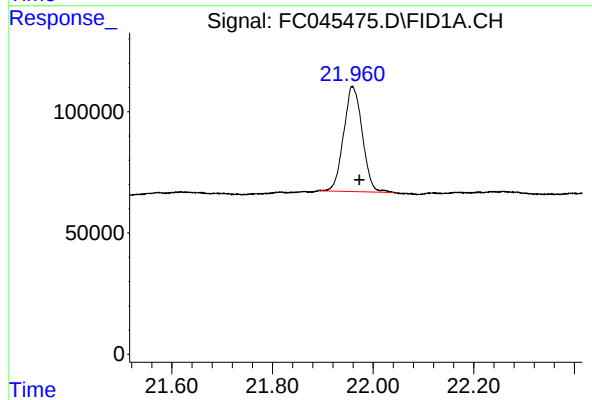
R.T.: 20.227 min
Delta R.T.: -0.005 min
Response: 1130029
Conc: 17.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: -0.007 min
Response: 1035384
Conc: 17.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.014 min
Response: 1114938
Conc: 18.90 ug/ml