

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050321AL\
 Data File : FC053480.D
 Signal(s) : FID1A.CH
 Acq On : 03 May 2021 22:10
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: sample.E
 Quant Time: May 04 11:27:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:23:44 2021
 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)	11.549	13815842	103.761 ug/ml
Spiked Amount 50.000		Recovery =	207.52%
12) S 1-chlorooctadecane (S...	12.989	11123228	103.847 ug/ml
Spiked Amount 50.000		Recovery =	207.69%
Target Compounds			
1) T n-Nonane (C9)	3.299	11920658	104.927 ug/ml
2) T n-Decane (C10)	4.365	12022151	105.455 ug/ml
3) T A~Naphthalene (C11.7)	5.950	13460812	106.652 ug/ml
4) T n-Dodecane (C12)	6.385	12240525	105.052 ug/ml
5) T A~2-methylnaphthalene...	7.010	13746051	106.917 ug/ml
6) T n-Tetradecane (C14)	8.184	12352359	105.074 ug/ml
7) T n-Hexadecane (C16)	9.787	12323439	104.220 ug/ml
8) T n-Octadecane (C18)	11.234	12996712	103.767 ug/ml
10) T n-Eicosane (C20)	12.544	13222998	103.676 ug/ml
11) T n-Heneicosane (C21)	13.158	13272561	103.854 ug/ml
13) T n-Docosane (C22)	13.745	13334622	104.077 ug/ml
14) T n-Tetracosane (C24)	14.849	13375218	104.267 ug/ml
15) T n-Hexacosane (C26)	15.871	13241798	104.231 ug/ml
16) T n-Octacosane (C28)	16.823	13054555	103.742 ug/ml
17) T n-Tricontane (C30)	17.711	12698564	101.539 ug/ml
18) T n-Dotriacontane (C32)	18.544	12039881	99.728 ug/ml
19) T n-Tetratriacontane (C34)	19.328	11501322	98.285 ug/ml
20) T n-Hexatriacontane (C36)	20.068	10653101	89.931 ug/ml
21) T n-Octatriacontane (C38)	20.801	9719536	96.348 ug/ml
22) T n-Tetracontane (C40)	21.702	9588092	98.483 ug/ml

(f)=RT Delta > 1/2 Window

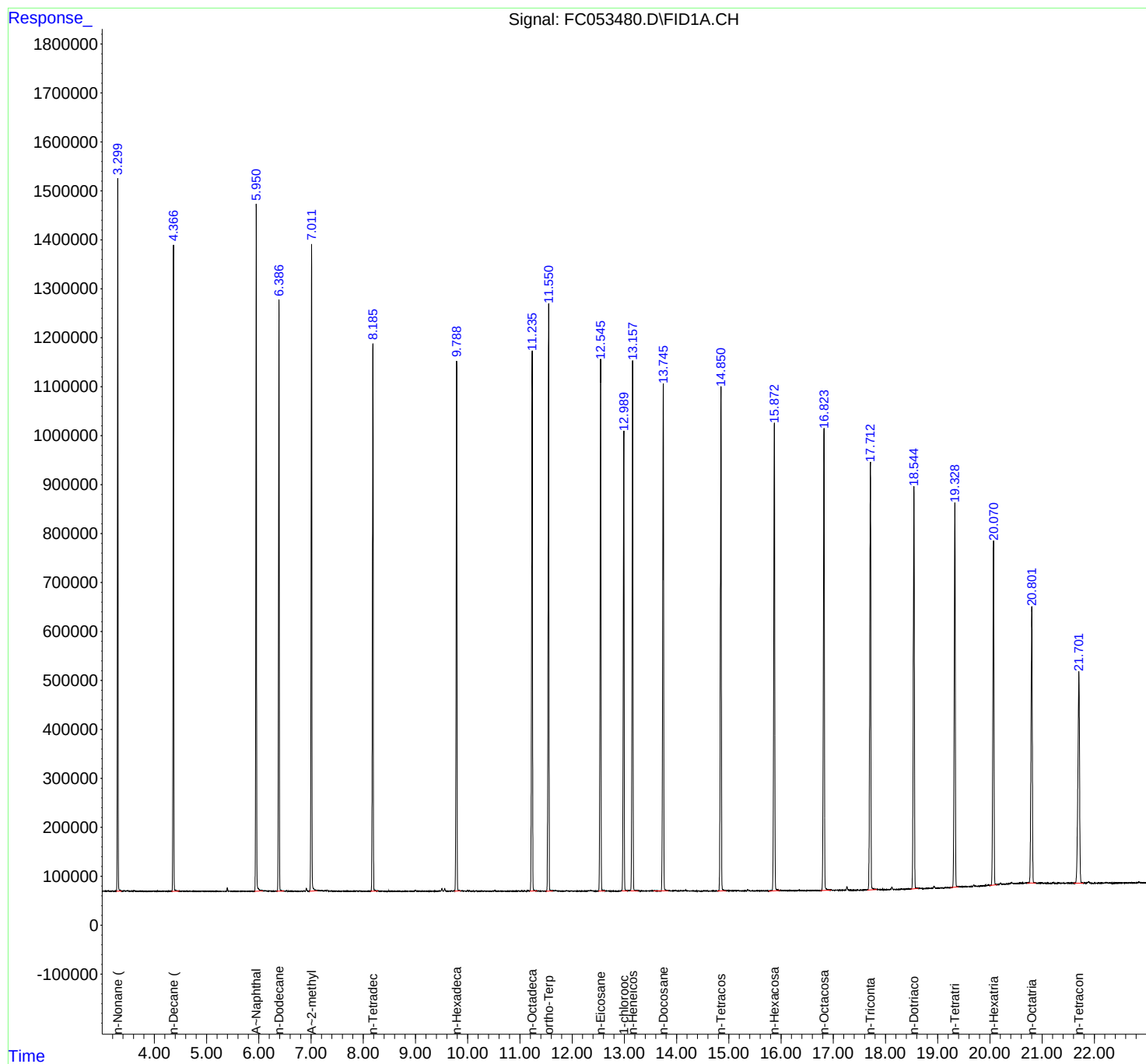
(m)=manual int.

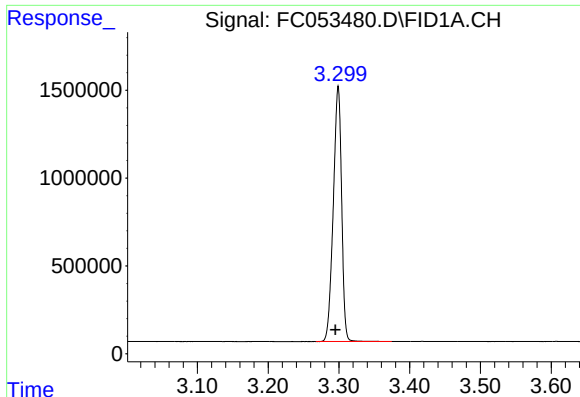
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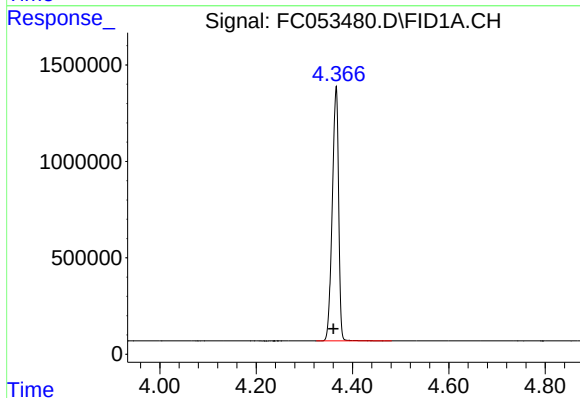




#1 n-Nonane (C9)

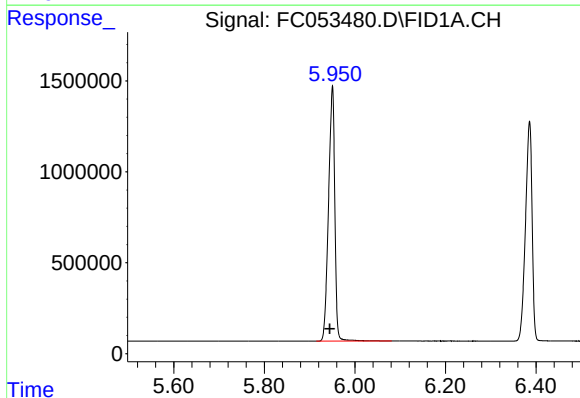
R.T.: 3.299 min
Delta R.T.: 0.004 min
Response: 11920658
Conc: 104.93 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



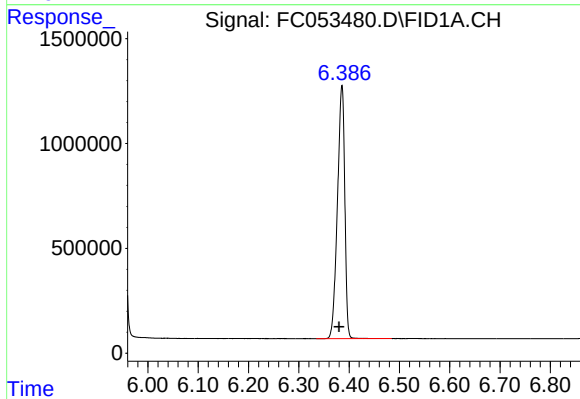
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.005 min
Response: 12022151
Conc: 105.45 ug/ml



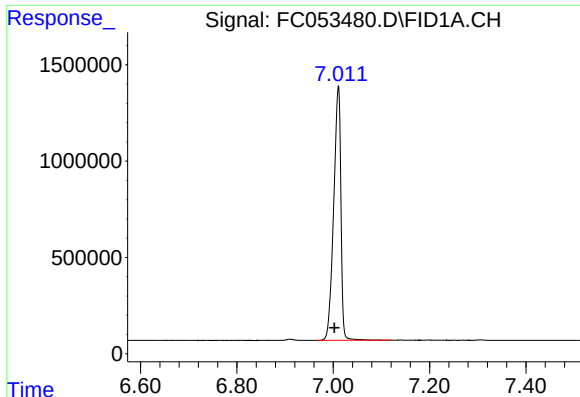
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.005 min
Response: 13460812
Conc: 106.65 ug/ml



#4 n-Dodecane (C12)

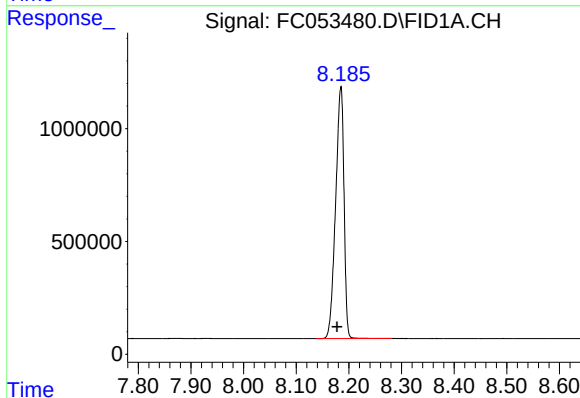
R.T.: 6.385 min
Delta R.T.: 0.005 min
Response: 12240525
Conc: 105.05 ug/ml



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

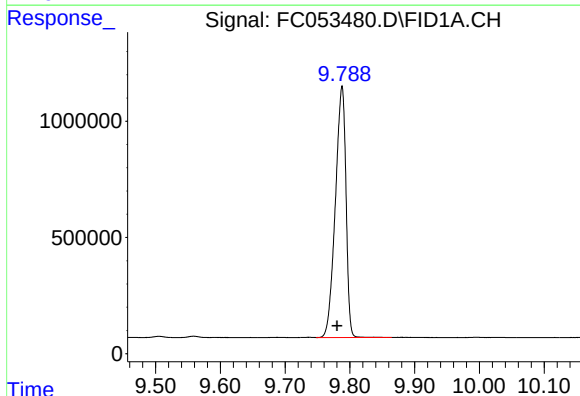
R.T.: 7.010 min
Delta R.T.: 0.007 min
Response: 13746051
Conc: 106.92 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



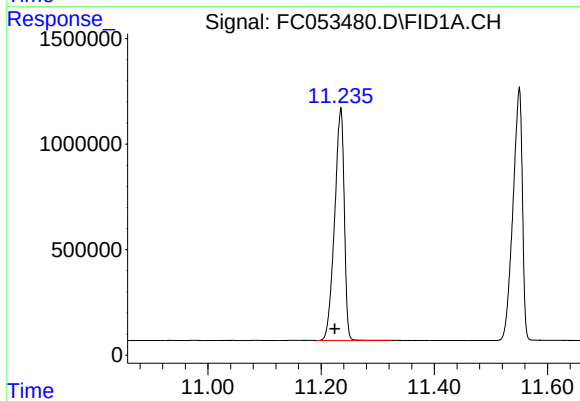
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.006 min
Response: 12352359
Conc: 105.07 ug/ml



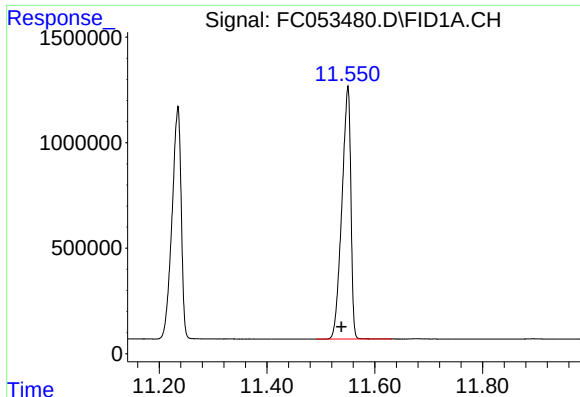
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: 0.007 min
Response: 12323439
Conc: 104.22 ug/ml



#8 n-Octadecane (C18)

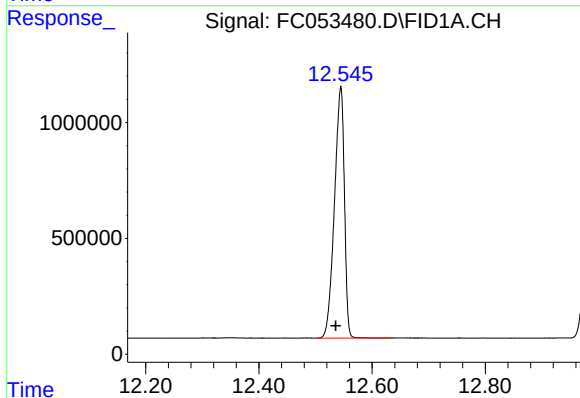
R.T.: 11.234 min
Delta R.T.: 0.010 min
Response: 12996712
Conc: 103.77 ug/ml



#9 ortho-Terphenyl (SURR)

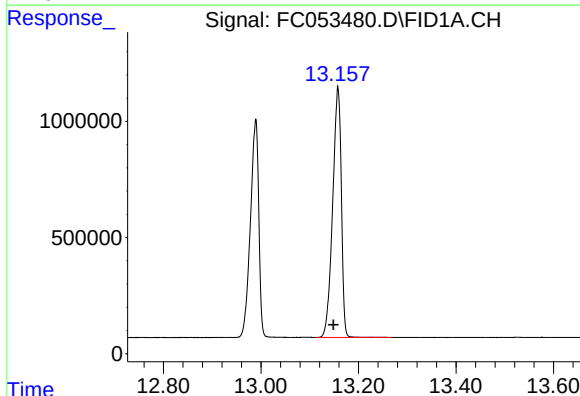
R.T.: 11.549 min
Delta R.T.: 0.011 min
Response: 13815842
Conc: 103.76 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



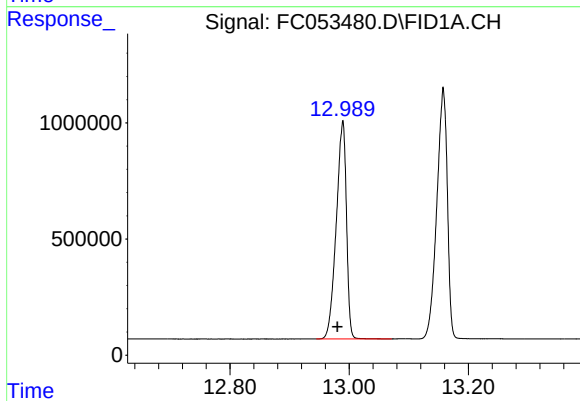
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: 0.008 min
Response: 13222998
Conc: 103.68 ug/ml



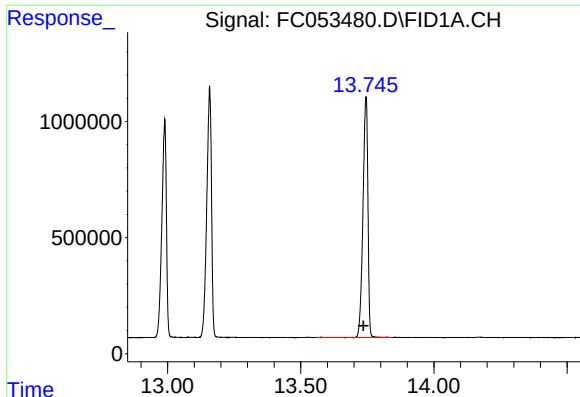
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.009 min
Response: 13272561
Conc: 103.85 ug/ml



#12 1-chlorooctadecane (SURR)

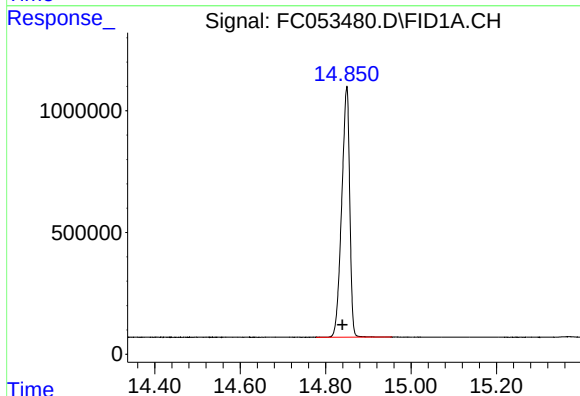
R.T.: 12.989 min
Delta R.T.: 0.008 min
Response: 11123228
Conc: 103.85 ug/ml



#13 n-Docosane (C22)

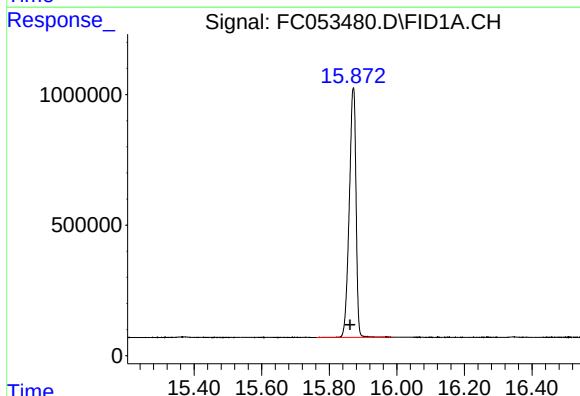
R.T.: 13.745 min
Delta R.T.: 0.010 min
Response: 13334622
Conc: 104.08 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



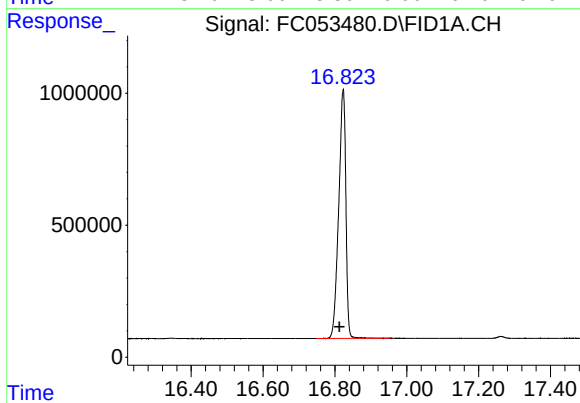
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.009 min
Response: 13375218
Conc: 104.27 ug/ml



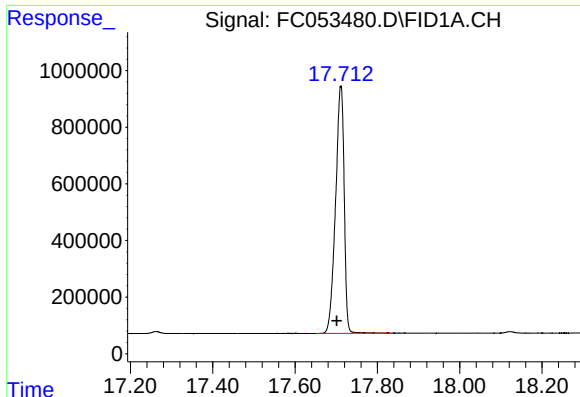
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.009 min
Response: 13241798
Conc: 104.23 ug/ml



#16 n-Octacosane (C28)

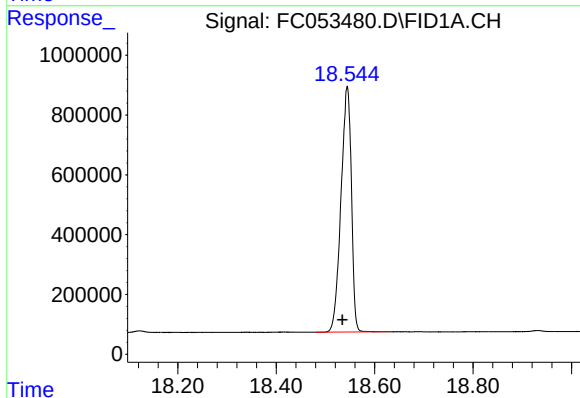
R.T.: 16.823 min
Delta R.T.: 0.010 min
Response: 13054555
Conc: 103.74 ug/ml



#17 n-Tricontane (C30)

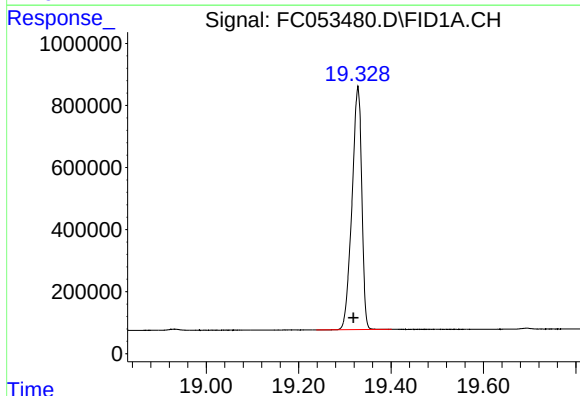
R.T.: 17.711 min
Delta R.T.: 0.010 min
Response: 12698564
Conc: 101.54 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



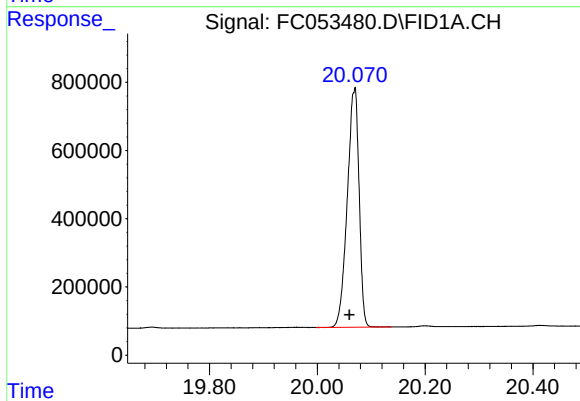
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.010 min
Response: 12039881
Conc: 99.73 ug/ml



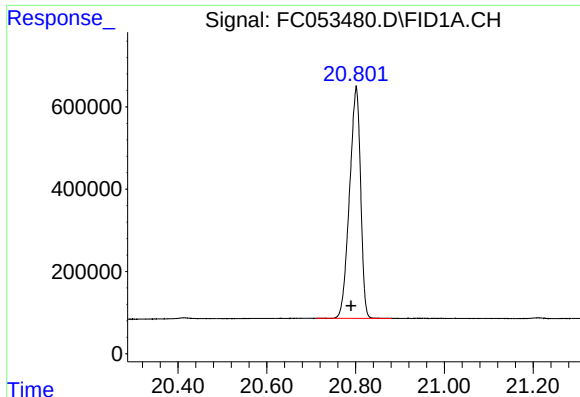
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.010 min
Response: 11501322
Conc: 98.28 ug/ml



#20 n-Hexatriacontane (C36)

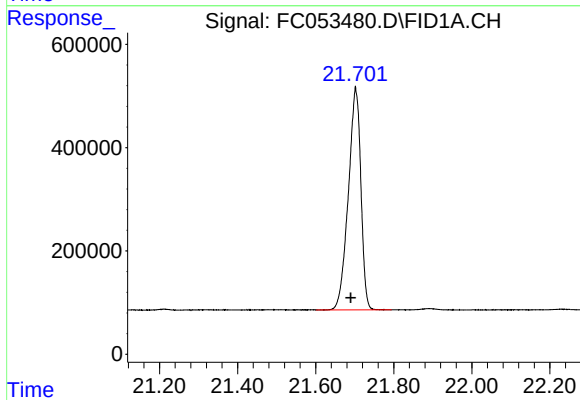
R.T.: 20.068 min
Delta R.T.: 0.009 min
Response: 10653101
Conc: 89.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.011 min
Response: 9719536
Conc: 96.35 ug/ml

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FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.012 min
Response: 9588092
Conc: 98.48 ug/ml