

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110220AL\
 Data File : FC050503.D
 Signal(s) : FID1A.CH
 Acq On : 02 Nov 2020 21:16
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 03 02:29:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:27:15 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)	11.629	12133860	99.582 ug/ml
Spiked Amount 50.000		Recovery =	199.16%
12) S 1-chlorooctadecane (S...	13.061	9658277	100.898 ug/ml
Spiked Amount 50.000		Recovery =	201.80%
Target Compounds			
1) T n-Nonane (C9)	3.372	10671434	100.481 ug/ml
2) T n-Decane (C10)	4.443	10722461	101.093 ug/ml
3) T A~Naphthalene (C11.7)	6.035	11927640	103.850 ug/ml
4) T n-Dodecane (C12)	6.464	10916892	101.006 ug/ml
5) T A~2-methylnaphthalene...	7.095	12164858	105.117 ug/ml
6) T n-Tetradecane (C14)	8.261	10892215	101.281 ug/ml
7) T n-Hexadecane (C16)	9.863	10714430	101.303 ug/ml
8) T n-Octadecane (C18)	11.308	11198028	100.415 ug/ml
10) T n-Eicosane (C20)	12.615	11293065	100.030 ug/ml
11) T n-Heneicosane (C21)	13.228	11295479	100.200 ug/ml
13) T n-Docosane (C22)	13.814	11310162	100.493 ug/ml
14) T n-Tetracosane (C24)	14.917	11327056	100.535 ug/ml
15) T n-Hexacosane (C26)	15.937	11202905	100.155 ug/ml
16) T n-Octacosane (C28)	16.886	11100662	99.147 ug/ml
17) T n-Tricontane (C30)	17.772	10740230	97.614 ug/ml
18) T n-Dotriacontane (C32)	18.601	9835503	96.116 ug/ml
19) T n-Tetratriacontane (C34)	19.384	9161162	95.323 ug/ml
20) T n-Hexatriacontane (C36)	20.122	8539085	95.067 ug/ml
21) T n-Octatriacontane (C38)	20.868	7902218	94.826 ug/ml
22) T n-Tetracontane (C40)	21.799	7949463	95.454 ug/ml

(f)=RT Delta > 1/2 Window

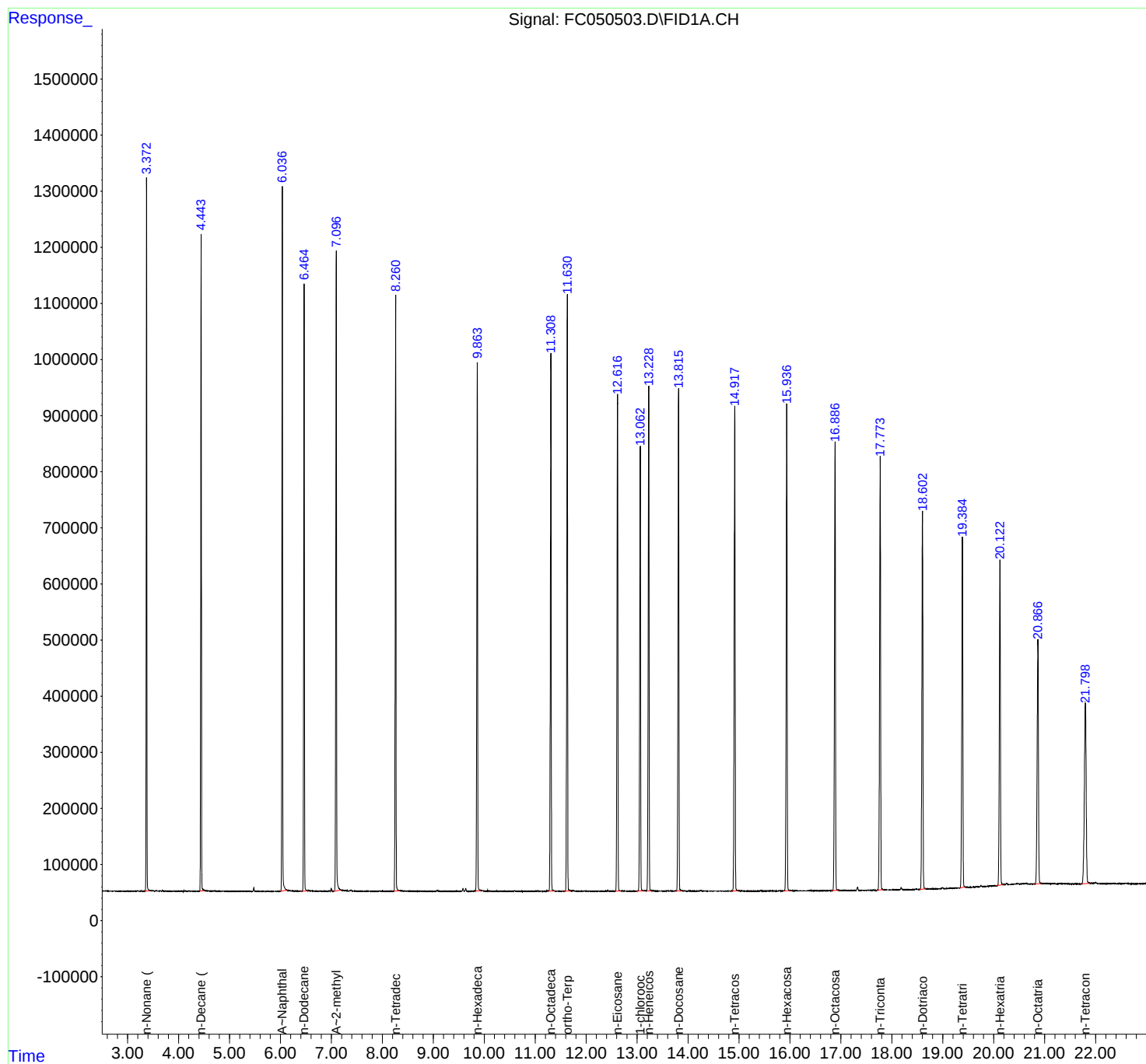
(m)=manual int.

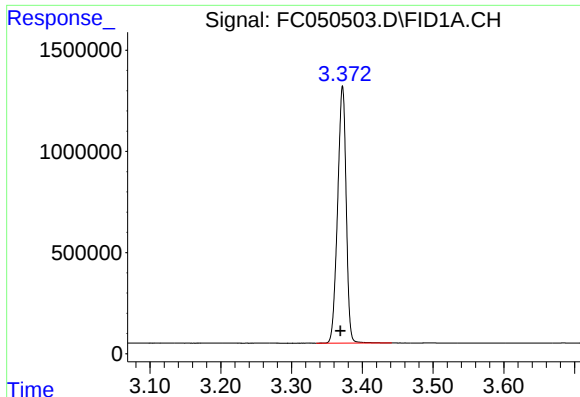
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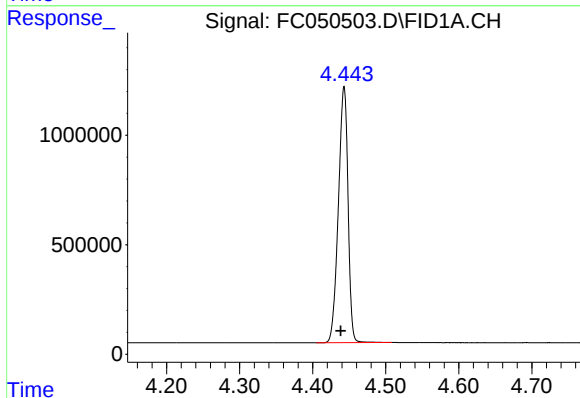




#1 n-Nonane (C9)

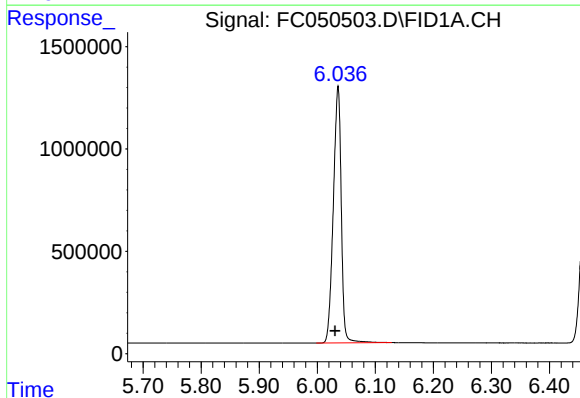
R.T.: 3.372 min
Delta R.T.: 0.003 min
Response: 10671434
Conc: 100.48 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



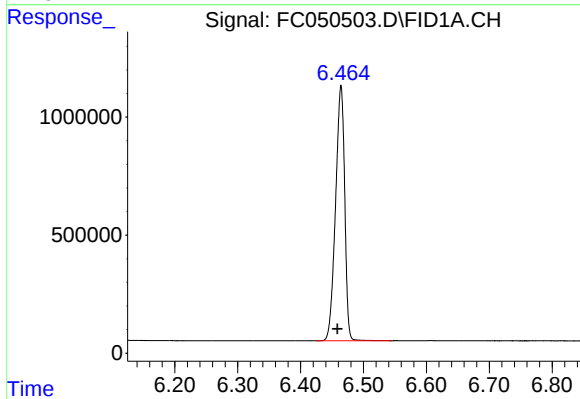
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.004 min
Response: 10722461
Conc: 101.09 ug/ml



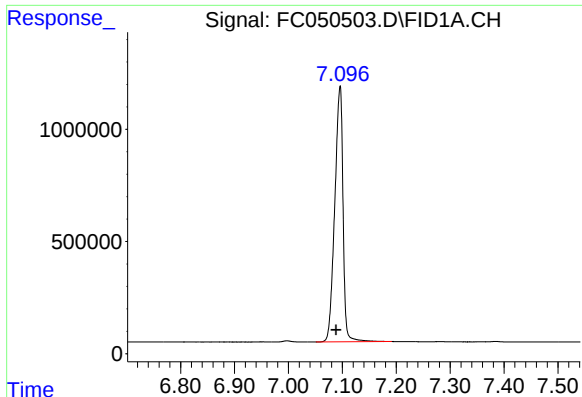
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.004 min
Response: 11927640
Conc: 103.85 ug/ml



#4 n-Dodecane (C12)

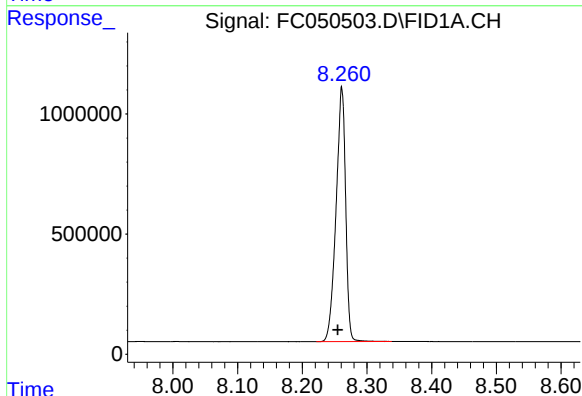
R.T.: 6.464 min
Delta R.T.: 0.005 min
Response: 10916892
Conc: 101.01 ug/ml



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

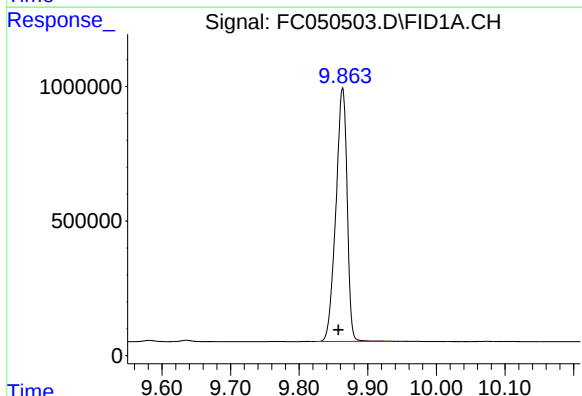
R.T.: 7.095 min
Delta R.T.: 0.006 min
Response: 12164858
Conc: 105.12 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



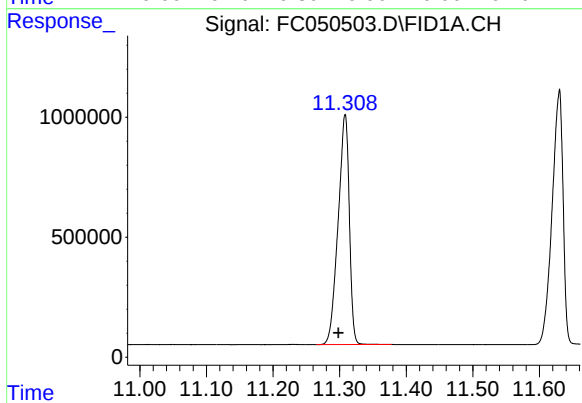
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: 0.006 min
Response: 10892215
Conc: 101.28 ug/ml



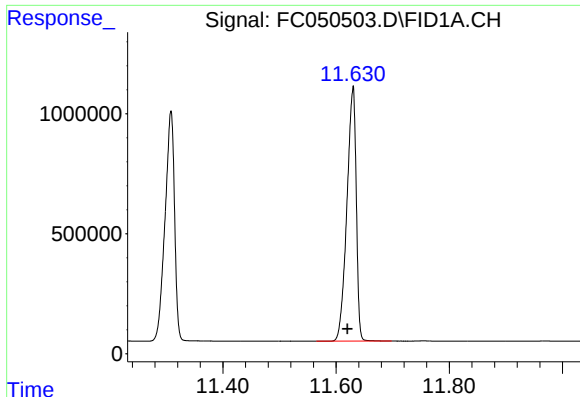
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: 0.006 min
Response: 10714430
Conc: 101.30 ug/ml



#8 n-Octadecane (C18)

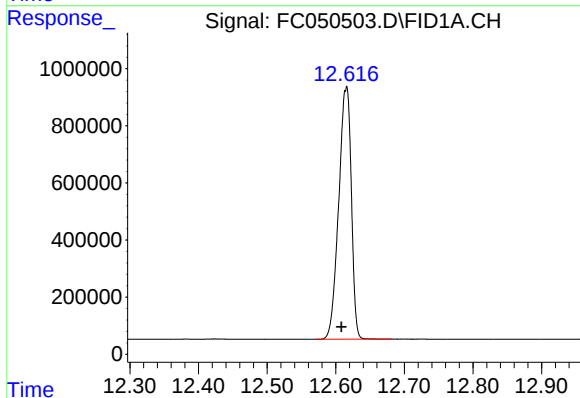
R.T.: 11.308 min
Delta R.T.: 0.009 min
Response: 11198028
Conc: 100.42 ug/ml



#9 ortho-Terphenyl (SURR)

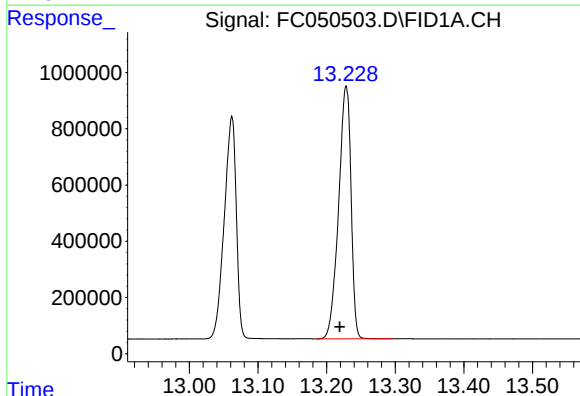
R.T.: 11.629 min
Delta R.T.: 0.009 min
Response: 12133860
Conc: 99.58 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



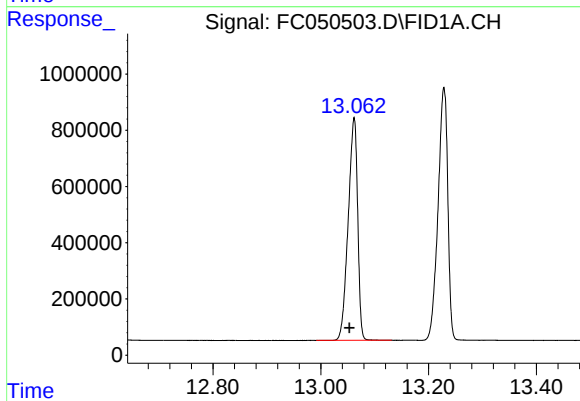
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: 0.007 min
Response: 11293065
Conc: 100.03 ug/ml



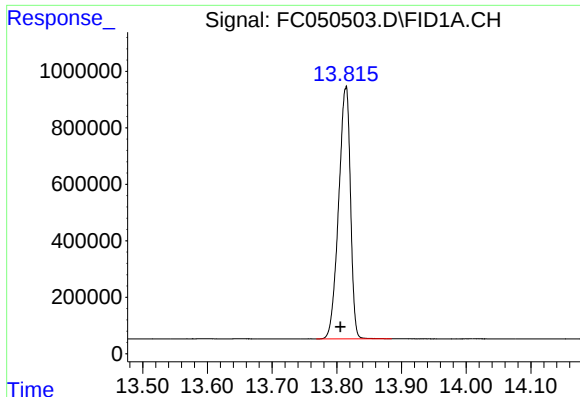
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: 0.009 min
Response: 11295479
Conc: 100.20 ug/ml



#12 1-chlorooctadecane (SURR)

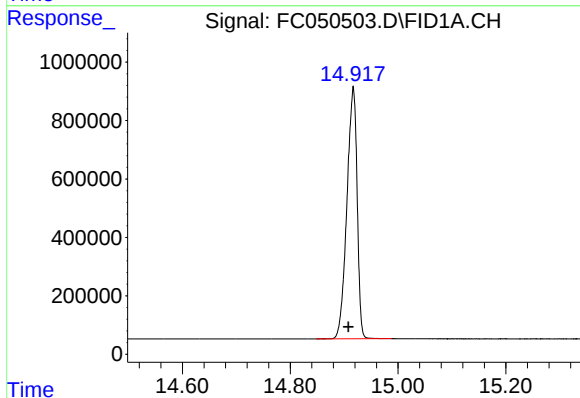
R.T.: 13.061 min
Delta R.T.: 0.008 min
Response: 9658277
Conc: 100.90 ug/ml



#13 n-Docosane (C22)

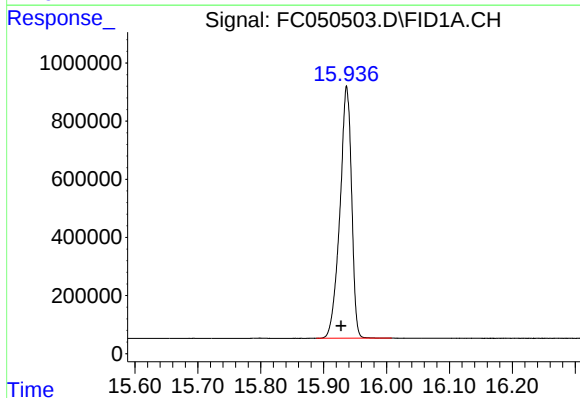
R.T.: 13.814 min
Delta R.T.: 0.008 min
Response: 11310162
Conc: 100.49 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



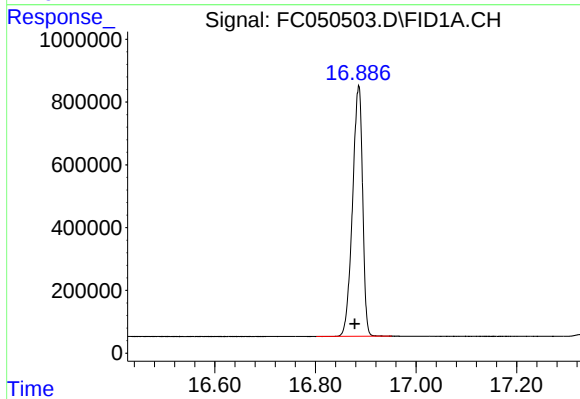
#14 n-Tetracosane (C24)

R.T.: 14.917 min
Delta R.T.: 0.009 min
Response: 11327056
Conc: 100.54 ug/ml



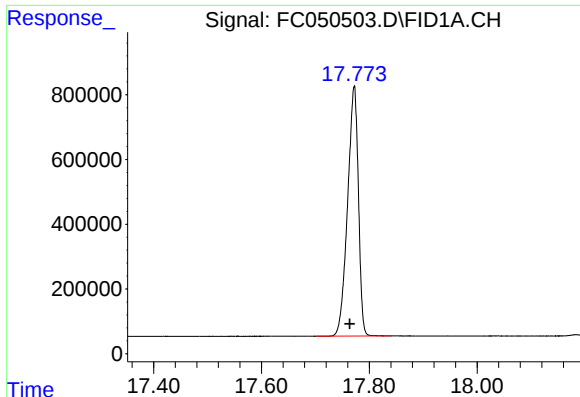
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: 0.009 min
Response: 11202905
Conc: 100.16 ug/ml



#16 n-Octacosane (C28)

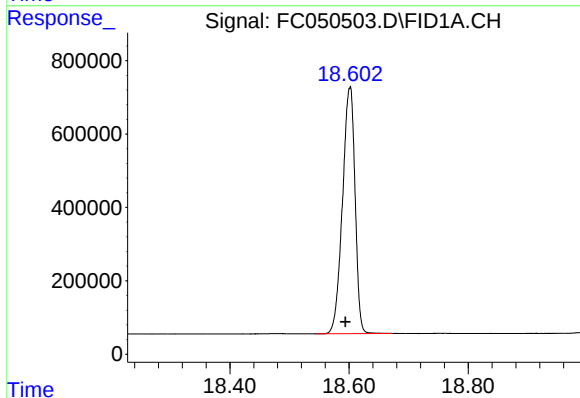
R.T.: 16.886 min
Delta R.T.: 0.008 min
Response: 11100662
Conc: 99.15 ug/ml



#17 n-Tricontane (C30)

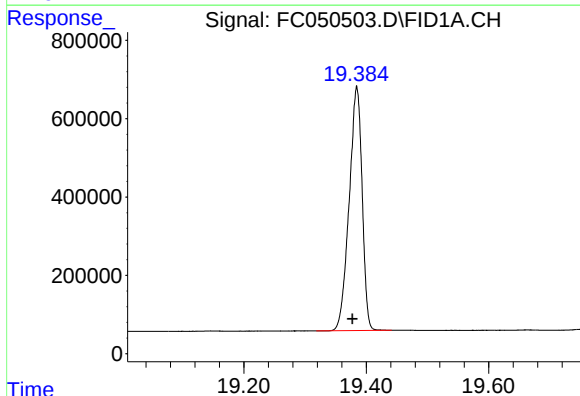
R.T.: 17.772 min
Delta R.T.: 0.008 min
Response: 10740230
Conc: 97.61 ug/ml

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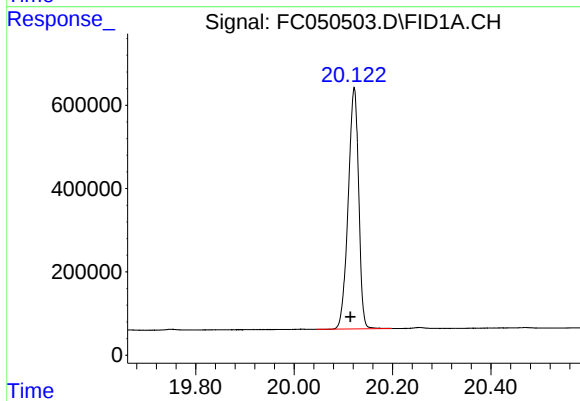
#18 n-Dotriacontane (C32)

R.T.: 18.601 min
Delta R.T.: 0.007 min
Response: 9835503
Conc: 96.12 ug/ml



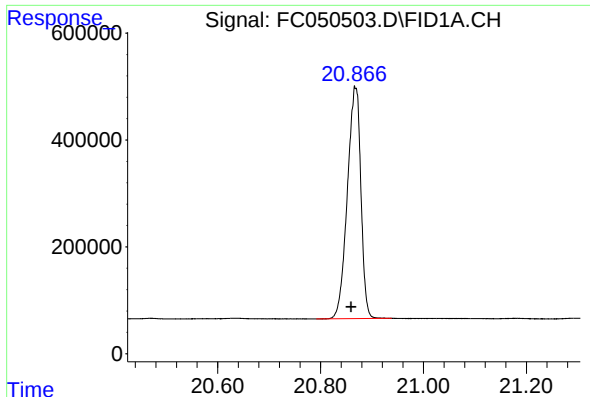
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: 0.007 min
Response: 9161162
Conc: 95.32 ug/ml



#20 n-Hexatriacontane (C36)

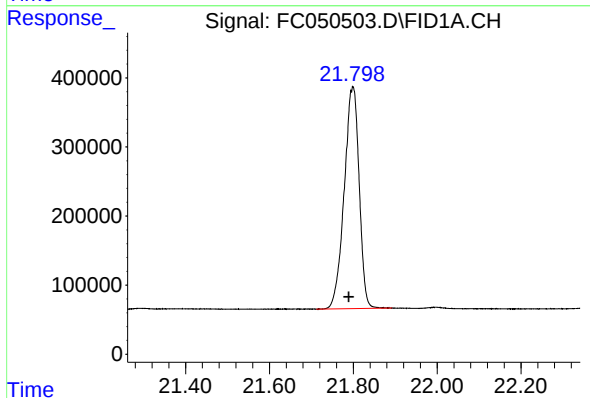
R.T.: 20.122 min
Delta R.T.: 0.007 min
Response: 8539085
Conc: 95.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: 0.008 min
Response: 7902218
Conc: 94.83 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: 0.009 min
Response: 7949463
Conc: 95.45 ug/ml