

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021521AL\
 Data File : FC052026.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2021 18:36
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 16 08:59:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 08:47:53 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)	11.698	5955422	48.139 ug/ml
Spiked Amount 50.000		Recovery =	96.28%
12) S 1-chlorooctadecane (S...	13.128	4814450	48.160 ug/ml
Spiked Amount 50.000		Recovery =	96.32%
Target Compounds			
1) T n-Nonane (C9)	3.447	5177011	48.115 ug/ml
2) T n-Decane (C10)	4.517	5222793	48.083 ug/ml
3) T A~Naphthalene (C11.7)	6.111	5873468	48.205 ug/ml
4) T n-Dodecane (C12)	6.537	5303836	48.119 ug/ml
5) T A~2-methylnaphthalene...	7.168	6003978	48.292 ug/ml
6) T n-Tetradecane (C14)	8.332	5334226	48.141 ug/ml
7) T n-Hexadecane (C16)	9.933	5289681	48.051 ug/ml
8) T n-Octadecane (C18)	11.374	5542679	48.090 ug/ml
10) T n-Eicosane (C20)	12.683	5629813	48.083 ug/ml
11) T n-Heneicosane (C21)	13.295	5648628	48.096 ug/ml
13) T n-Docosane (C22)	13.880	5682011	48.154 ug/ml
14) T n-Tetracosane (C24)	14.984	5732261	48.141 ug/ml
15) T n-Hexacosane (C26)	16.003	5720157	48.179 ug/ml
16) T n-Octacosane (C28)	16.953	5737476	48.069 ug/ml
17) T n-Tricontane (C30)	17.839	5722159	47.935 ug/ml
18) T n-Dotriacontane (C32)	18.672	5602770	47.498 ug/ml
19) T n-Tetratriacontane (C34)	19.456	5511338	47.140 ug/ml
20) T n-Hexatriacontane (C36)	20.194	5245915	46.879 ug/ml
21) T n-Octatriacontane (C38)	20.952	4900094	46.591 ug/ml
22) T n-Tetracontane (C40)	21.901	4886691	46.775 ug/ml

(f)=RT Delta > 1/2 Window

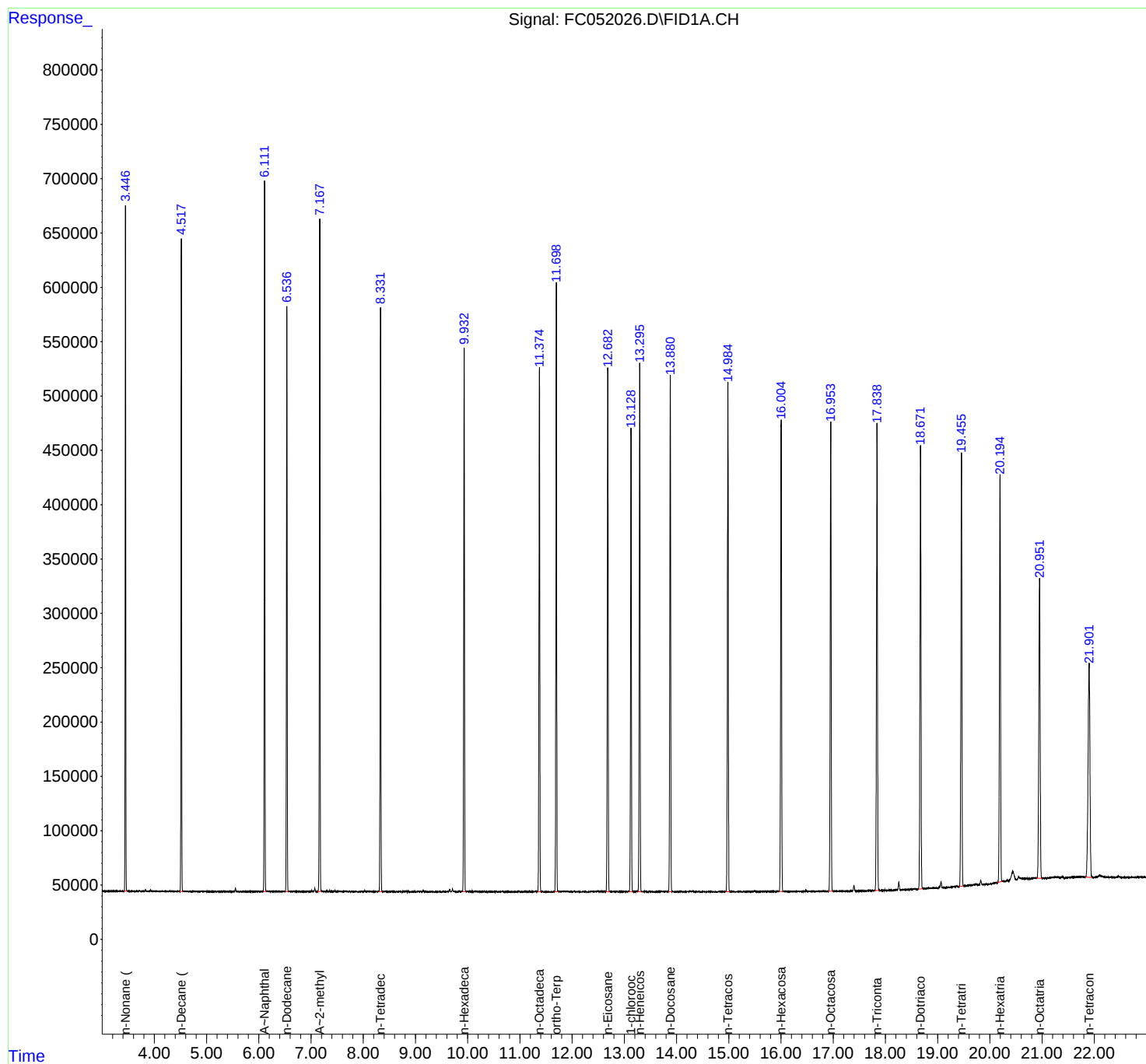
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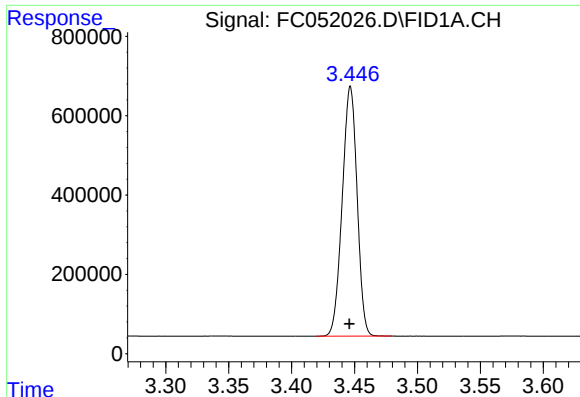
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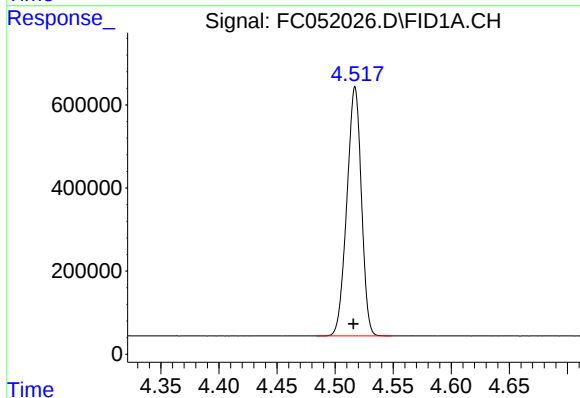




#1 n-Nonane (C9)

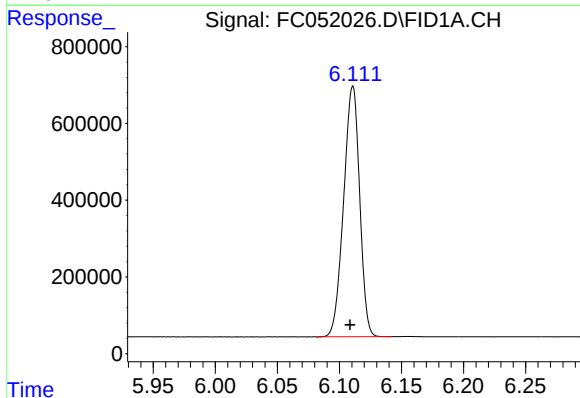
R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 5177011
Conc: 48.11 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



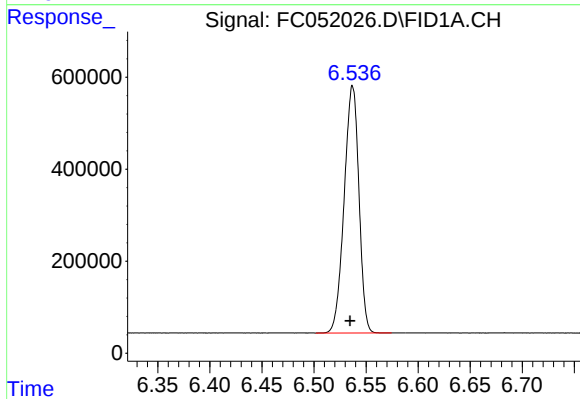
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.001 min
Response: 5222793
Conc: 48.08 ug/ml



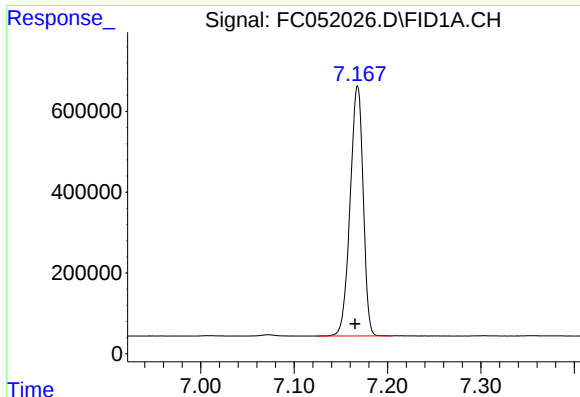
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 5873468
Conc: 48.21 ug/ml



#4 n-Dodecane (C12)

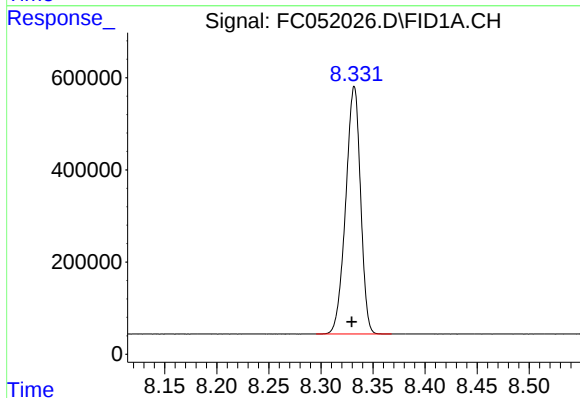
R.T.: 6.537 min
Delta R.T.: 0.003 min
Response: 5303836
Conc: 48.12 ug/ml



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

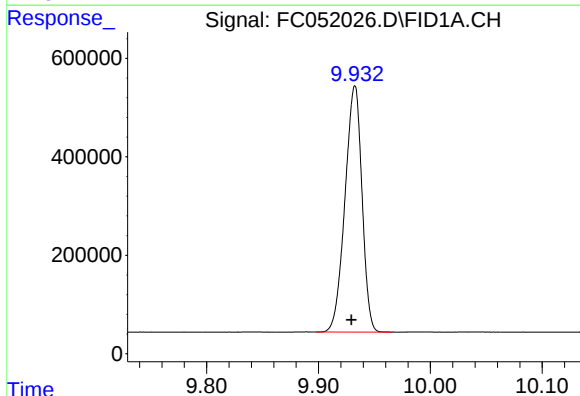
R.T.: 7.168 min
Delta R.T.: 0.003 min
Response: 6003978
Conc: 48.29 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



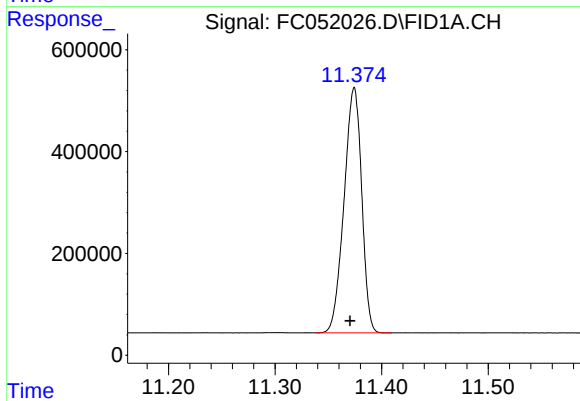
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: 0.003 min
Response: 5334226
Conc: 48.14 ug/ml



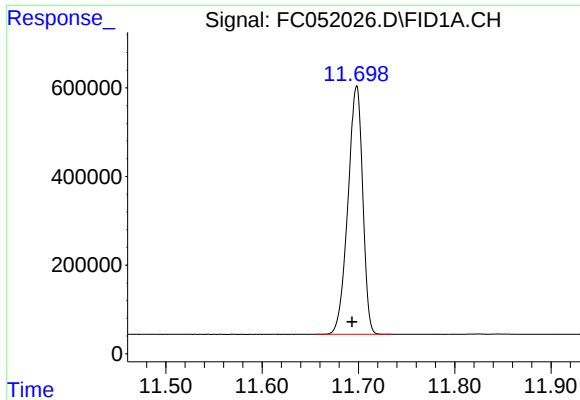
#7 n-Hexadecane (C16)

R.T.: 9.933 min
Delta R.T.: 0.003 min
Response: 5289681
Conc: 48.05 ug/ml



#8 n-Octadecane (C18)

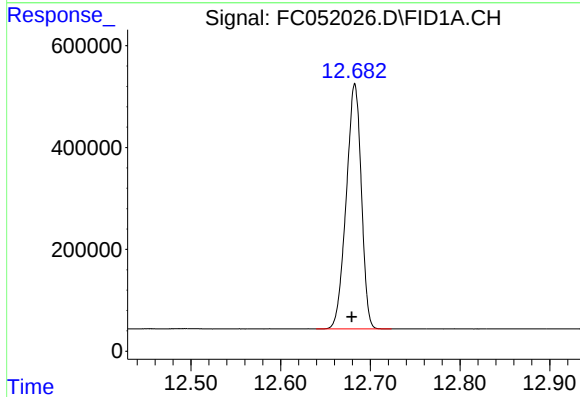
R.T.: 11.374 min
Delta R.T.: 0.004 min
Response: 5542679
Conc: 48.09 ug/ml



#9 ortho-Terphenyl (SURR)

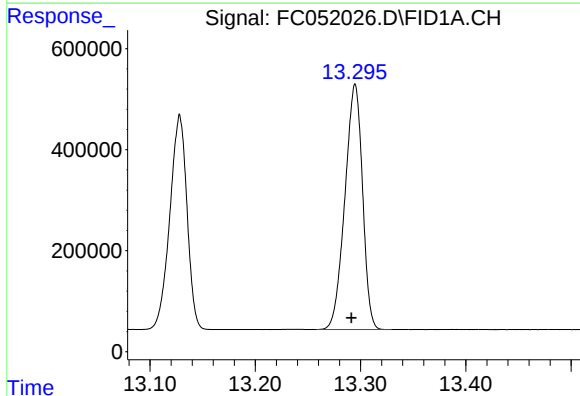
R.T.: 11.698 min
Delta R.T.: 0.005 min
Response: 5955422
Conc: 48.14 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



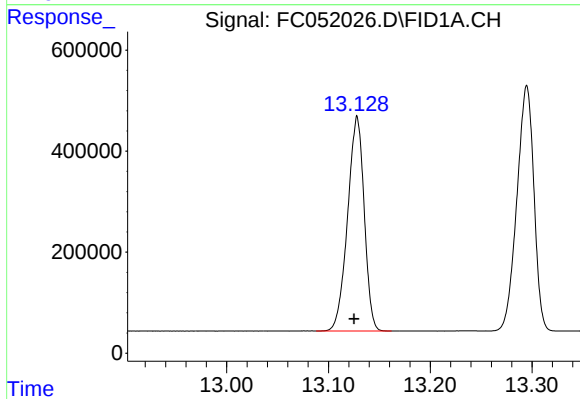
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: 0.004 min
Response: 5629813
Conc: 48.08 ug/ml



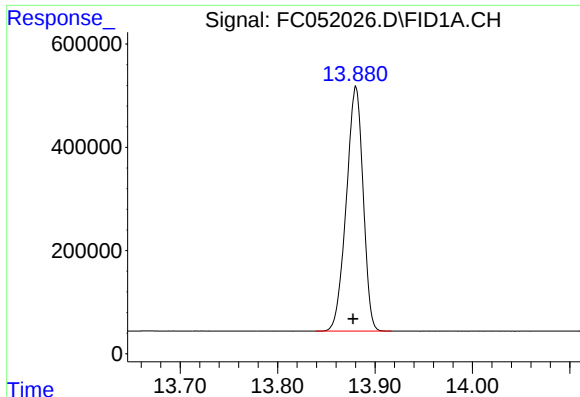
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.003 min
Response: 5648628
Conc: 48.10 ug/ml



#12 1-chlorooctadecane (SURR)

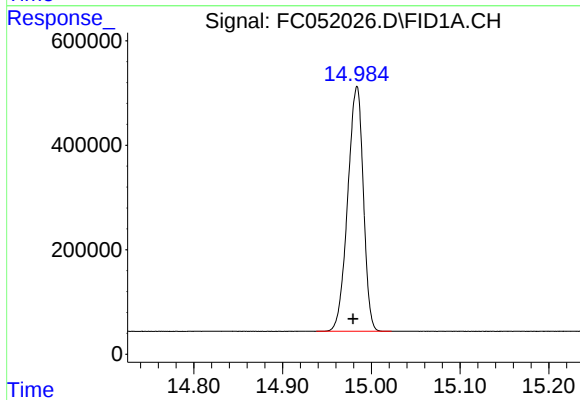
R.T.: 13.128 min
Delta R.T.: 0.003 min
Response: 4814450
Conc: 48.16 ug/ml



#13 n-Docosane (C22)

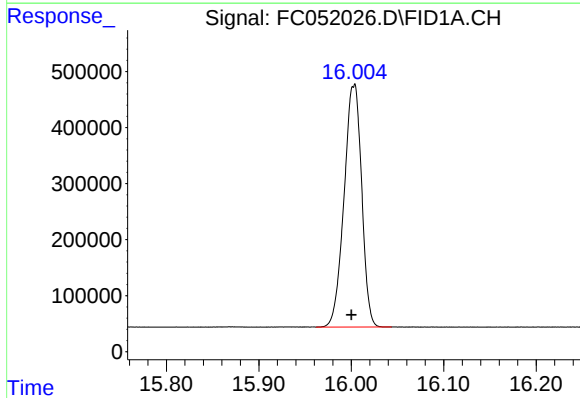
R.T.: 13.880 min
Delta R.T.: 0.003 min
Response: 5682011
Conc: 48.15 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



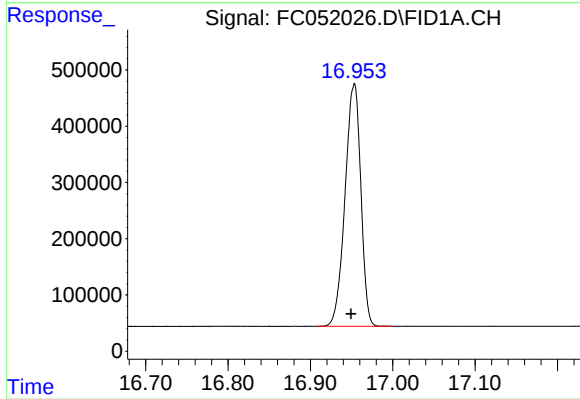
#14 n-Tetracosane (C24)

R.T.: 14.984 min
Delta R.T.: 0.005 min
Response: 5732261
Conc: 48.14 ug/ml



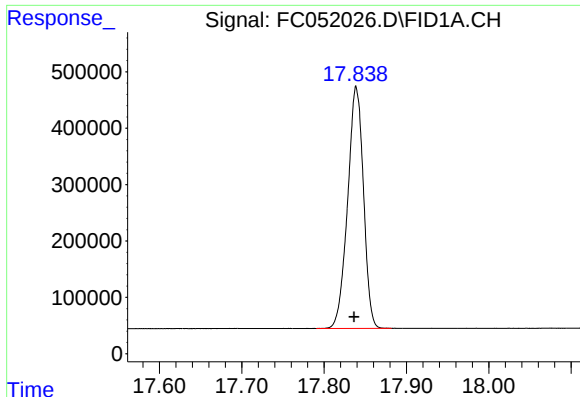
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: 0.003 min
Response: 5720157
Conc: 48.18 ug/ml



#16 n-Octacosane (C28)

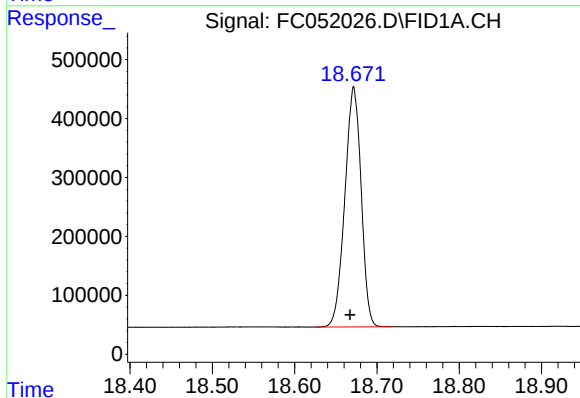
R.T.: 16.953 min
Delta R.T.: 0.004 min
Response: 5737476
Conc: 48.07 ug/ml



#17 n-Tricontane (C30)

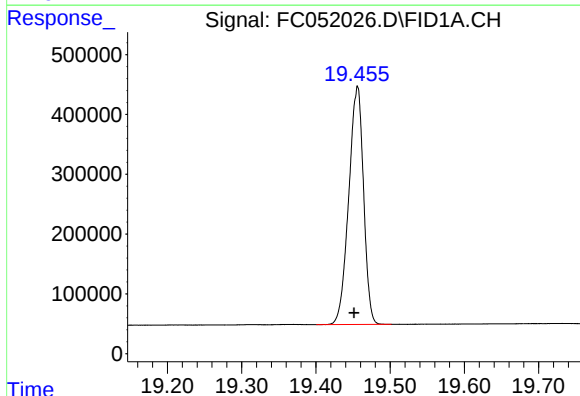
R.T.: 17.839 min
Delta R.T.: 0.003 min
Response: 5722159
Conc: 47.94 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



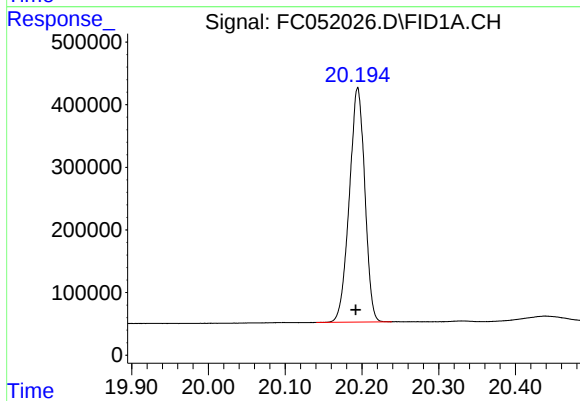
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: 0.005 min
Response: 5602770
Conc: 47.50 ug/ml



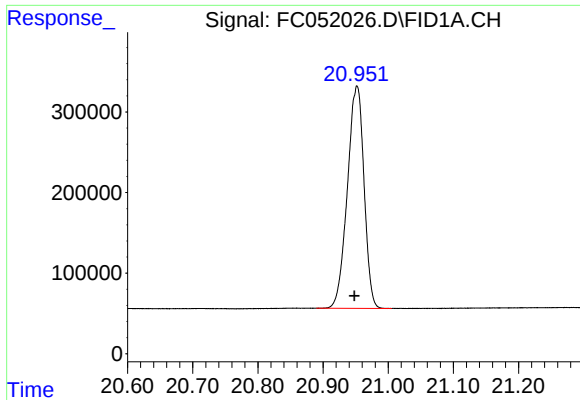
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.004 min
Response: 5511338
Conc: 47.14 ug/ml



#20 n-Hexatriacontane (C36)

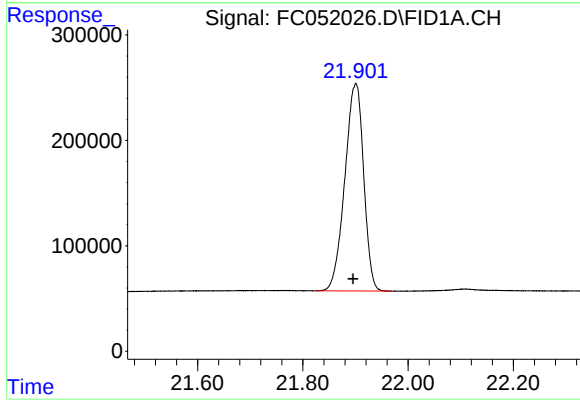
R.T.: 20.194 min
Delta R.T.: 0.003 min
Response: 5245915
Conc: 46.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.004 min
Response: 4900094
Conc: 46.59 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.901 min
Delta R.T.: 0.005 min
Response: 4886691
Conc: 46.78 ug/ml