

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011921AL\
 Data File : FC051756.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2021 20:47
 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: autoint1.e
 Quant Time: Jan 20 00:40:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:39:02 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)	11.703	12941669	99.557 ug/ml
Spiked Amount 50.000		Recovery =	199.11%
12) S 1-chlorooctadecane (S...	13.132	10463680	99.662 ug/ml
Spiked Amount 50.000		Recovery =	199.32%
Target Compounds			
1) T n-Nonane (C9)	3.446	11077116	98.981 ug/ml
2) T n-Decane (C10)	4.517	11185215	99.254 ug/ml
3) T A~Naphthalene (C11.7)	6.109	12615716	99.158 ug/ml
4) T n-Dodecane (C12)	6.537	11434305	99.516 ug/ml
5) T A~2-methylnaphthalene...	7.168	12955721	99.434 ug/ml
6) T n-Tetradecane (C14)	8.334	11594008	99.888 ug/ml
7) T n-Hexadecane (C16)	9.935	11543211	99.732 ug/ml
8) T n-Octadecane (C18)	11.379	12094081	99.751 ug/ml
10) T n-Eicosane (C20)	12.687	12257417	99.621 ug/ml
11) T n-Heneicosane (C21)	13.299	12278852	99.460 ug/ml
13) T n-Docosane (C22)	13.885	12299711	99.451 ug/ml
14) T n-Tetracosane (C24)	14.989	12275680	99.261 ug/ml
15) T n-Hexacosane (C26)	16.009	12044933	99.337 ug/ml
16) T n-Octacosane (C28)	16.959	11778019	99.567 ug/ml
17) T n-Tricontane (C30)	17.845	11264951	99.505 ug/ml
18) T n-Dotriacontane (C32)	18.677	10449370	100.501 ug/ml
19) T n-Tetratriacontane (C34)	19.459	9759292	102.444 ug/ml
20) T n-Hexatriacontane (C36)	20.200	8952566	100.356 ug/ml
21) T n-Octatriacontane (C38)	20.954	8371889	100.184 ug/ml
22) T n-Tetracontane (C40)	21.906	8589021	97.447 ug/ml

(f)=RT Delta > 1/2 Window

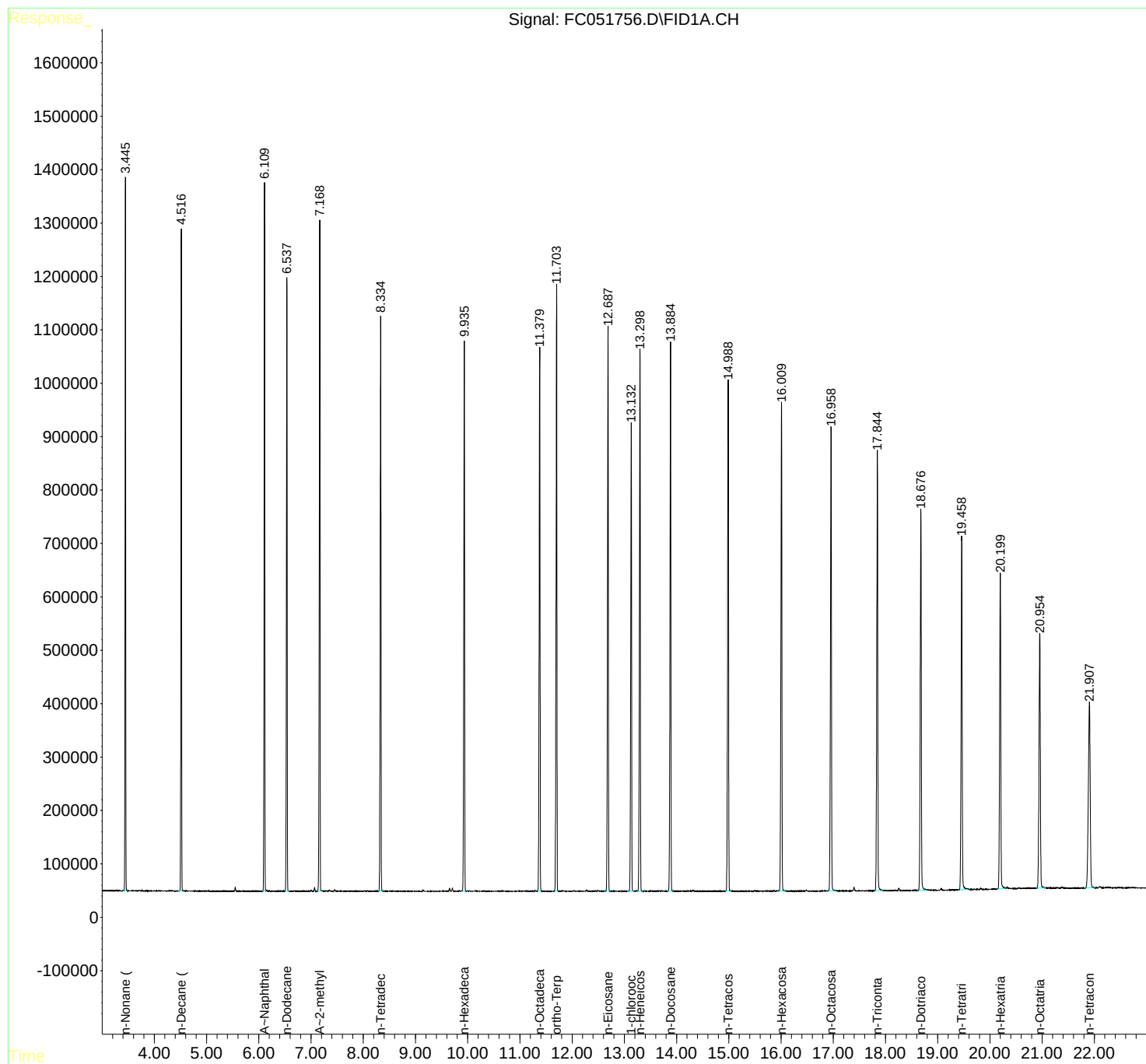
(m)=manual int.

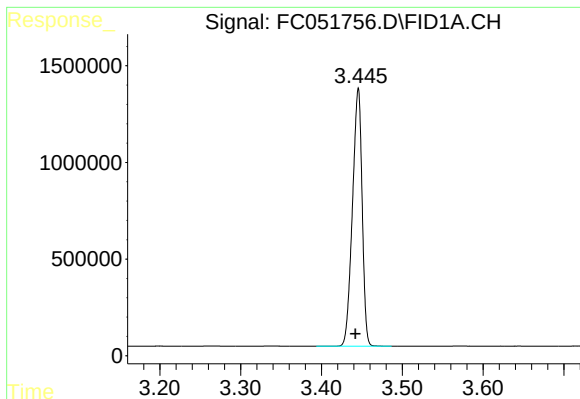
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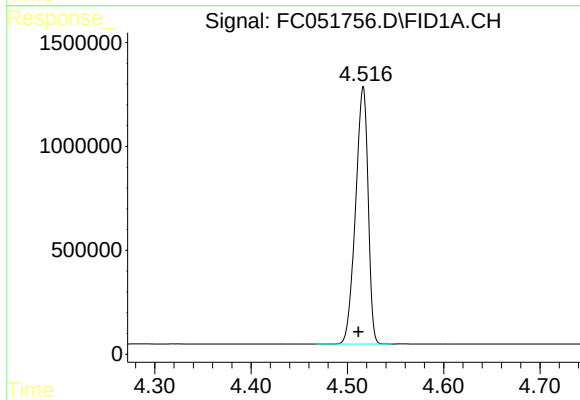




#1 n-Nonane (C9)

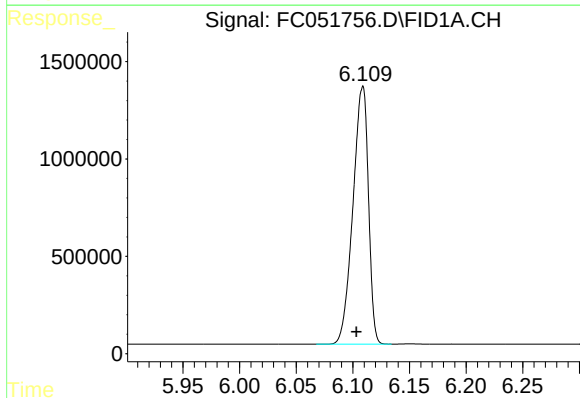
R.T.: 3.446 min
Delta R.T.: 0.004 min
Response: 11077116
Conc: 98.98 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



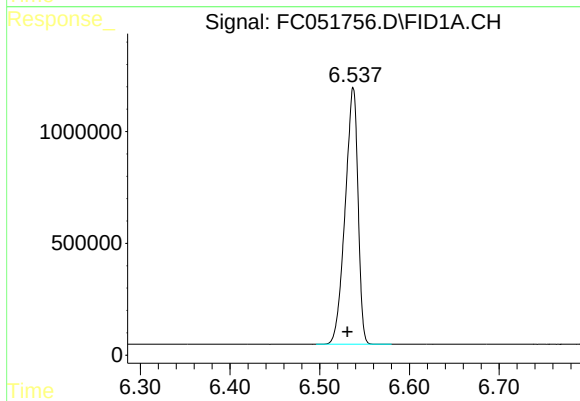
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.005 min
Response: 11185215
Conc: 99.25 ug/ml



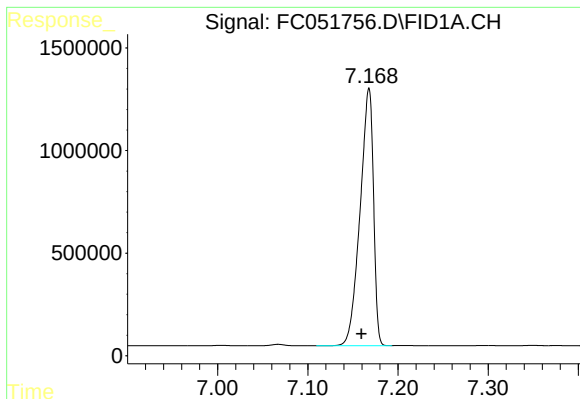
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.006 min
Response: 12615716
Conc: 99.16 ug/ml



#4 n-Dodecane (C12)

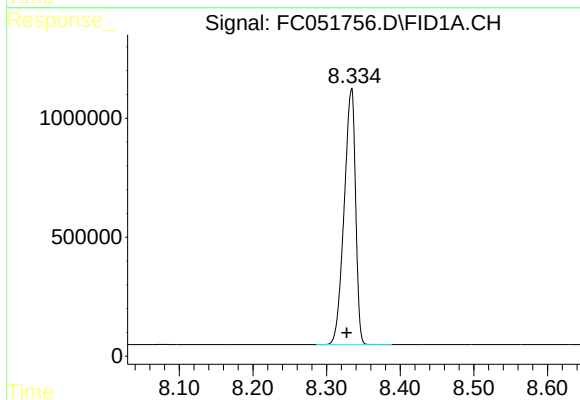
R.T.: 6.537 min
Delta R.T.: 0.006 min
Response: 11434305
Conc: 99.52 ug/ml



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

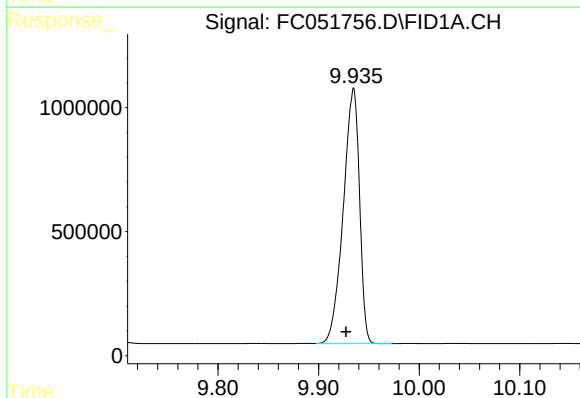
R.T.: 7.168 min
Delta R.T.: 0.008 min
Response: 12955721
Conc: 99.43 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



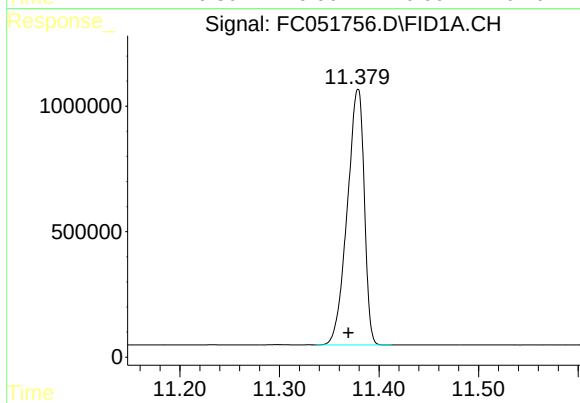
#6 n-Tetradecane (C14)

R.T.: 8.334 min
Delta R.T.: 0.007 min
Response: 11594008
Conc: 99.89 ug/ml



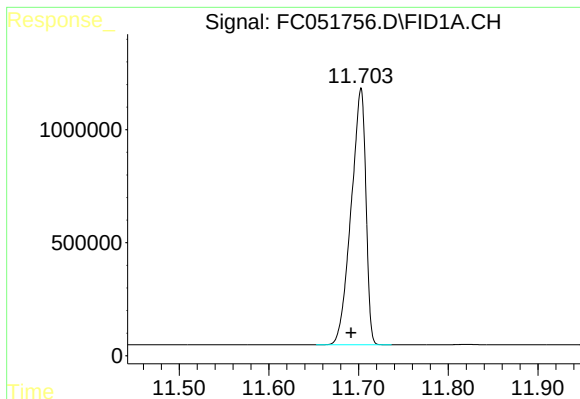
#7 n-Hexadecane (C16)

R.T.: 9.935 min
Delta R.T.: 0.008 min
Response: 11543211
Conc: 99.73 ug/ml



#8 n-Octadecane (C18)

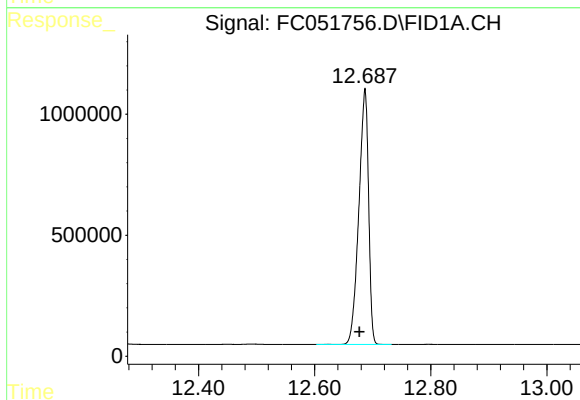
R.T.: 11.379 min
Delta R.T.: 0.010 min
Response: 12094081
Conc: 99.75 ug/ml



#9 ortho-Terphenyl (SURR)

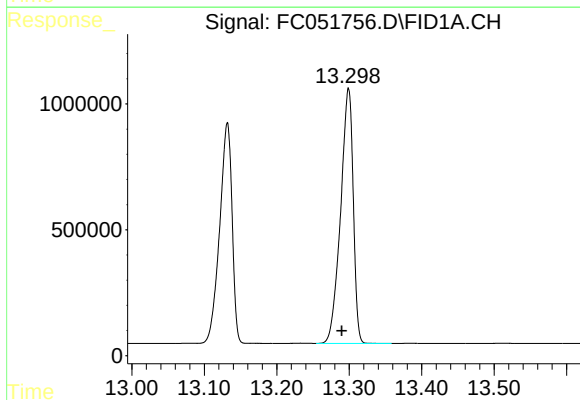
R.T.: 11.703 min
Delta R.T.: 0.011 min
Response: 12941669
Conc: 99.56 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



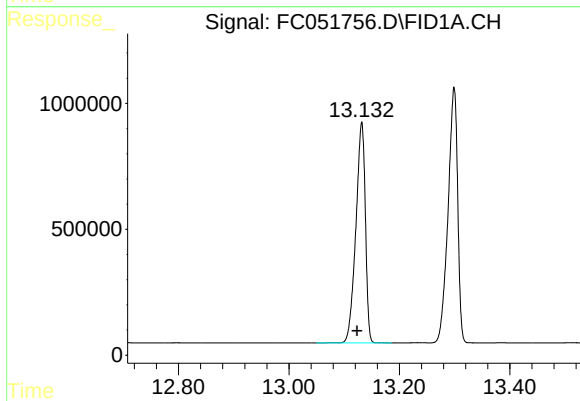
#10 n-Eicosane (C20)

R.T.: 12.687 min
Delta R.T.: 0.010 min
Response: 12257417
Conc: 99.62 ug/ml



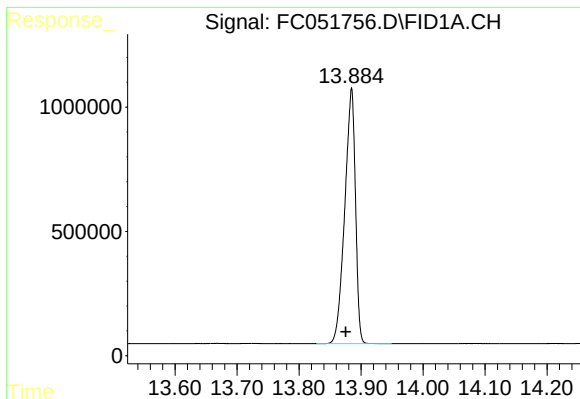
#11 n-Heneicosane (C21)

R.T.: 13.299 min
Delta R.T.: 0.009 min
Response: 12278852
Conc: 99.46 ug/ml



#12 1-chlorooctadecane (SURR)

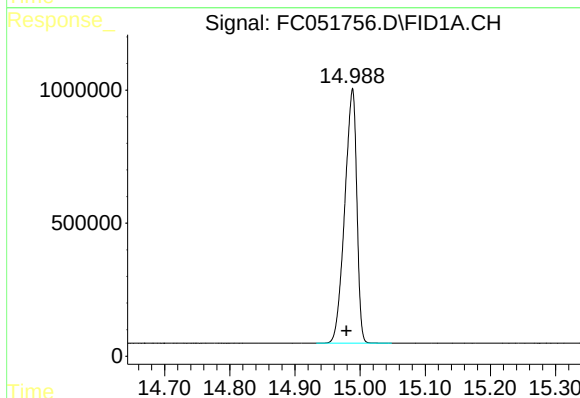
R.T.: 13.132 min
Delta R.T.: 0.009 min
Response: 10463680
Conc: 99.66 ug/ml



#13 n-Docosane (C22)

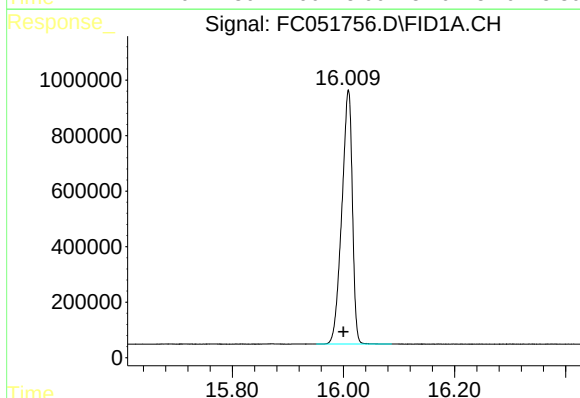
R.T.: 13.885 min
Delta R.T.: 0.009 min
Response: 12299711
Conc: 99.45 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



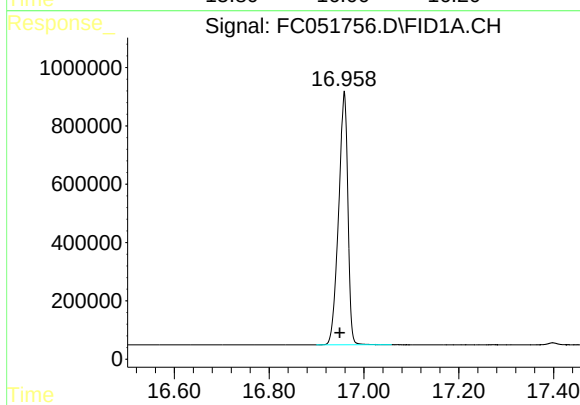
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: 0.010 min
Response: 12275680
Conc: 99.26 ug/ml



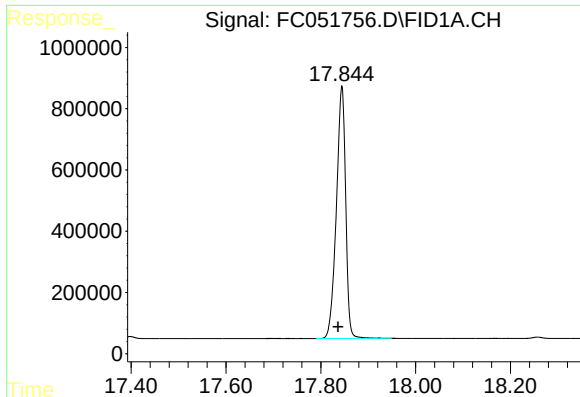
#15 n-Hexacosane (C26)

R.T.: 16.009 min
Delta R.T.: 0.009 min
Response: 12044933
Conc: 99.34 ug/ml



#16 n-Octacosane (C28)

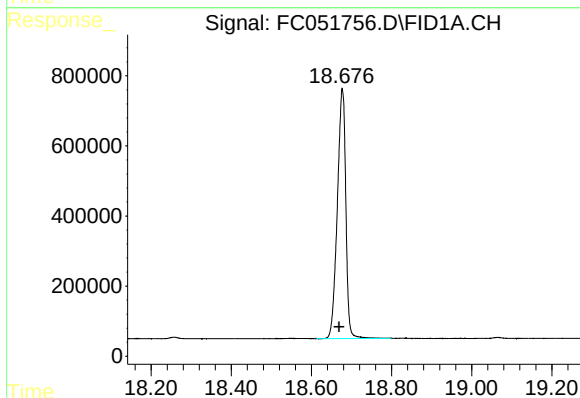
R.T.: 16.959 min
Delta R.T.: 0.010 min
Response: 11778019
Conc: 99.57 ug/ml



#17 n-Tricontane (C30)

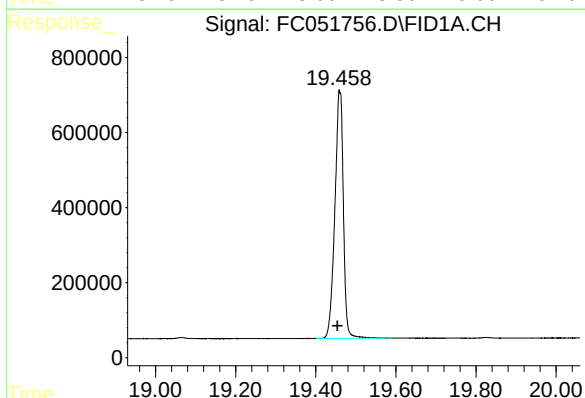
R.T.: 17.845 min
Delta R.T.: 0.008 min
Response: 11264951
Conc: 99.50 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



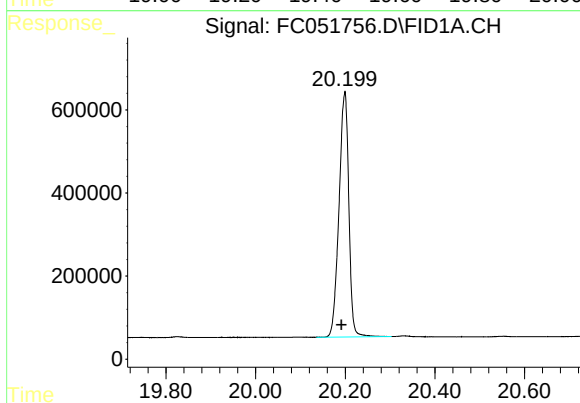
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.008 min
Response: 10449370
Conc: 100.50 ug/ml



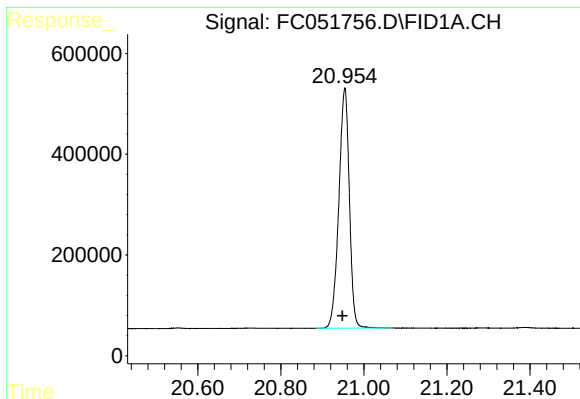
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.005 min
Response: 9759292
Conc: 102.44 ug/ml



#20 n-Hexatriacontane (C36)

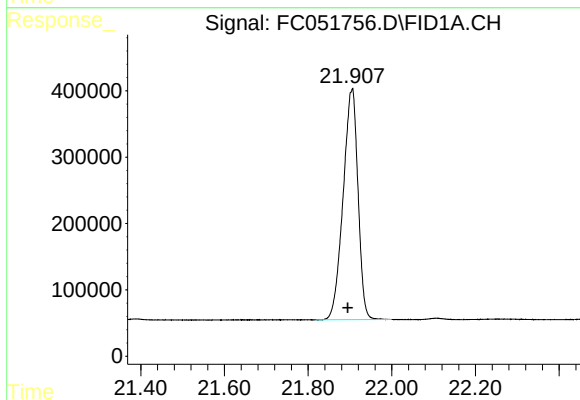
R.T.: 20.200 min
Delta R.T.: 0.008 min
Response: 8952566
Conc: 100.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: 0.006 min
Response: 8371889
Conc: 100.18 ug/ml

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FID_C
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.011 min
Response: 8589021
Conc: 97.45 ug/ml