

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011322AL\
 Data File : FC057888.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2022 21:11
 Operator : AJ\MA
 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 14 02:53:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.705	3756992	19.430 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
12) S 1-chlorooctadecane (S...	12.143	2846142	19.311 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	2.633	3143724	19.659 ug/ml
2) T n-Decane (C10)	3.623	3222093	20.047 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3670788	20.216 ug/ml
4) T n-Dodecane (C12)	5.595	3253572	20.174 ug/ml
5) T A~2-methylnaphthalene...	6.202	3709410	20.285 ug/ml
6) T n-Tetradecane (C14)	7.376	3362706	20.369 ug/ml
7) T n-Hexadecane (C16)	8.967	3409728	20.413 ug/ml
8) T n-Octadecane (C18)	10.402	3457513	20.092 ug/ml
10) T n-Eicosane (C20)	11.705	3353339	19.588 ug/ml
11) T n-Heneicosane (C21)	12.313	3324053	19.223 ug/ml
13) T n-Docosane (C22)	12.898	3268208	18.891 ug/ml
14) T n-Tetracosane (C24)	13.995	3211023	18.549 ug/ml
15) T n-Hexacosane (C26)	15.013	3073575	18.264 ug/ml
16) T n-Octacosane (C28)	15.959	3101607	18.953 ug/ml
17) T n-Tricontane (C30)	16.843	3293737	21.097 ug/ml
18) T n-Dotriacontane (C32)	17.673	3200942	22.958 ug/ml
19) T n-Tetratriacontane (C34)	18.454	2848725	22.920 ug/ml
20) T n-Hexatriacontane (C36)	19.191	2563329	23.056 ug/ml
21) T n-Octatriacontane (C38)	19.897	2361373	22.637 ug/ml
22) T n-Tetracontane (C40)	20.722	2312840	24.154 ug/ml

(f)=RT Delta > 1/2 Window

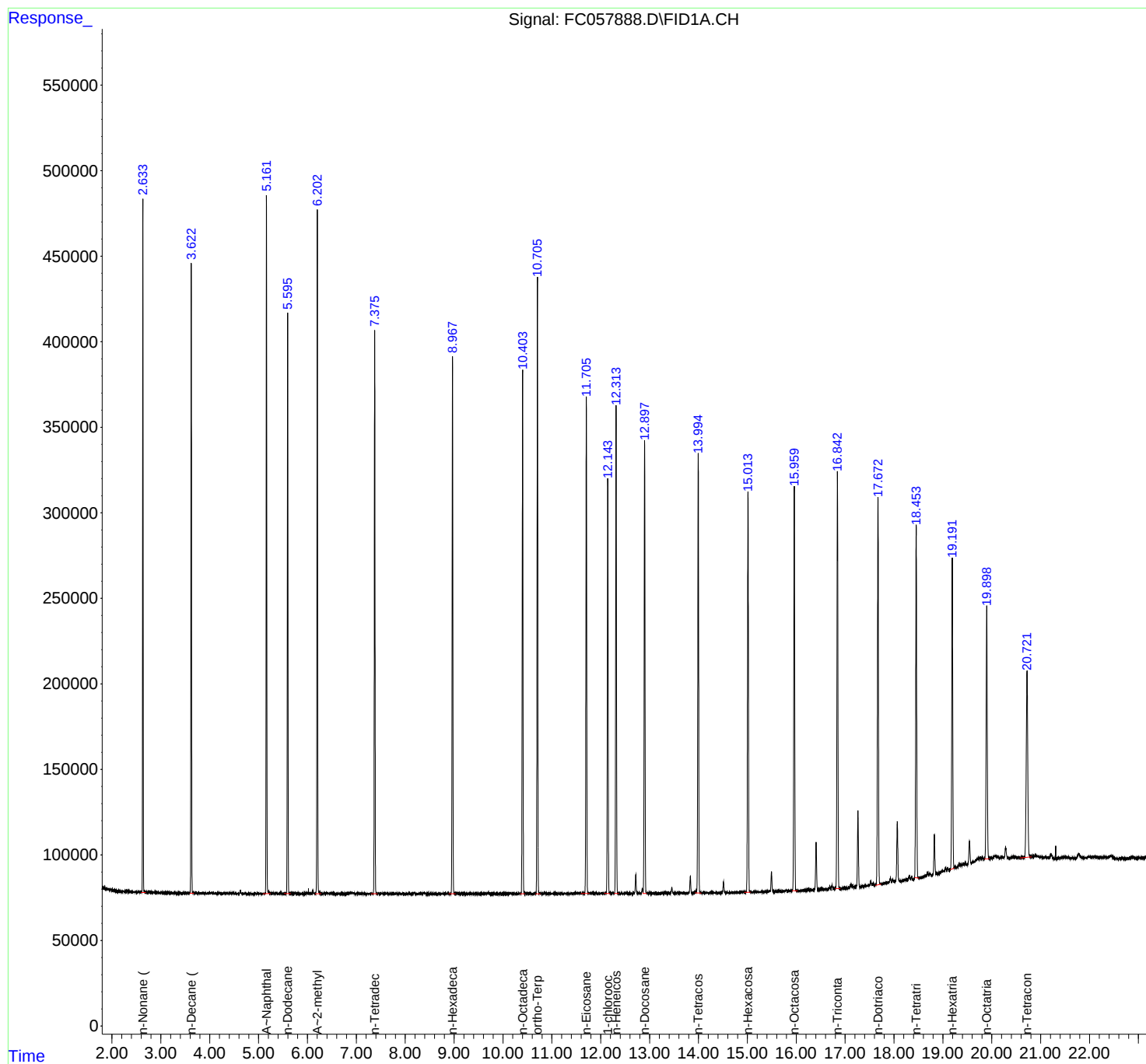
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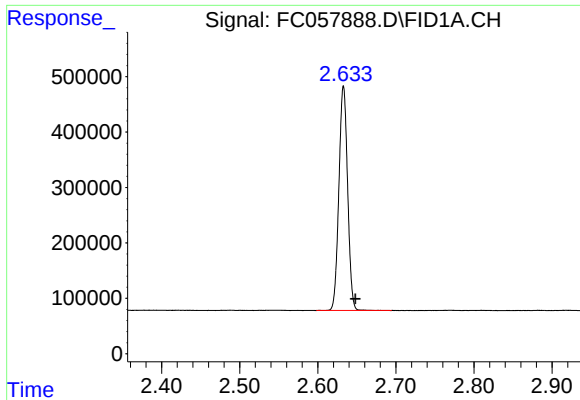
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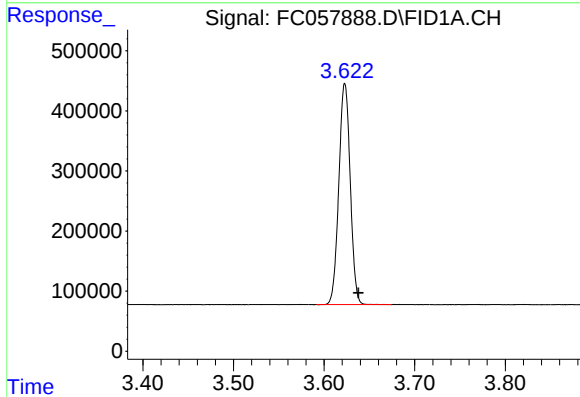




#1 n-Nonane (C9)

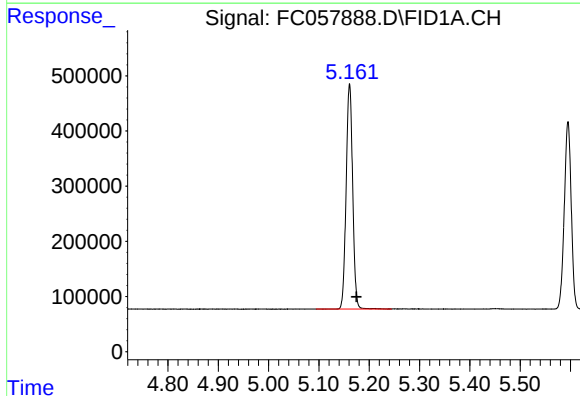
R.T.: 2.633 min
Delta R.T.: -0.015 min
Response: 3143724
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



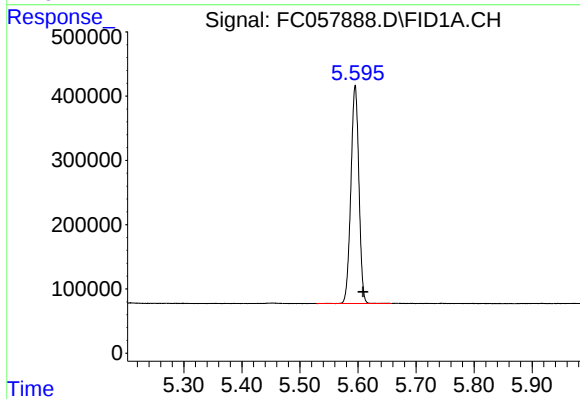
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 3222093
Conc: 20.05 ug/ml



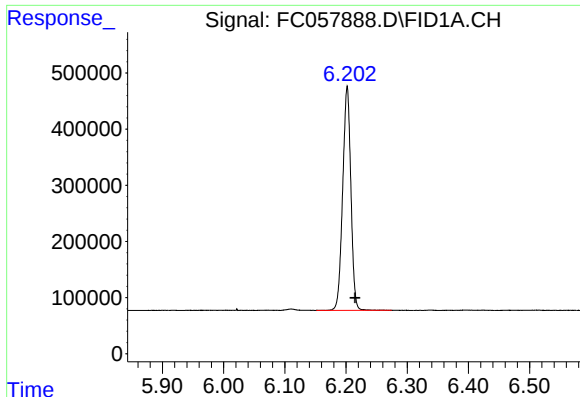
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3670788
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

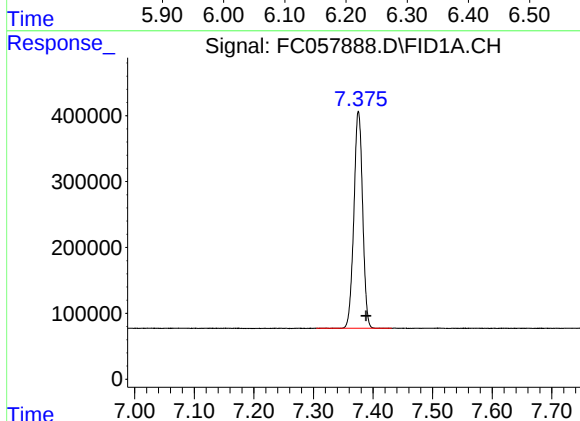
R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 3253572
Conc: 20.17 ug/ml



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

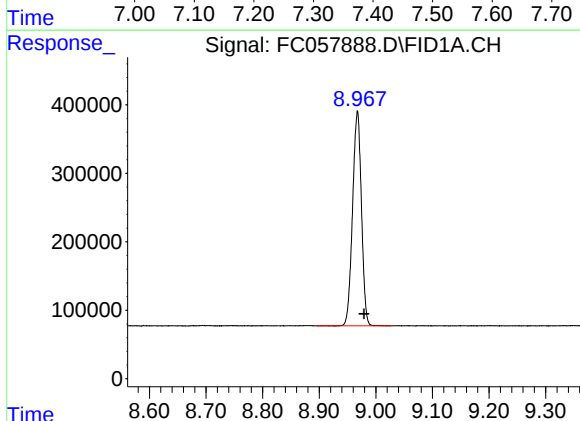
R.T.: 6.202 min
Delta R.T.: -0.013 min
Response: 3709410
Conc: 20.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



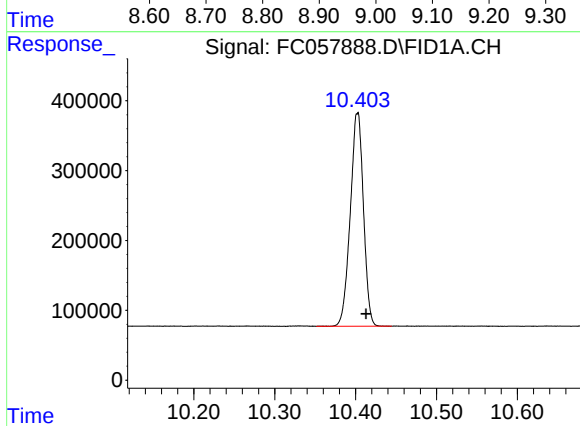
#6 n-Tetradecane (C14)

R.T.: 7.376 min
Delta R.T.: -0.013 min
Response: 3362706
Conc: 20.37 ug/ml



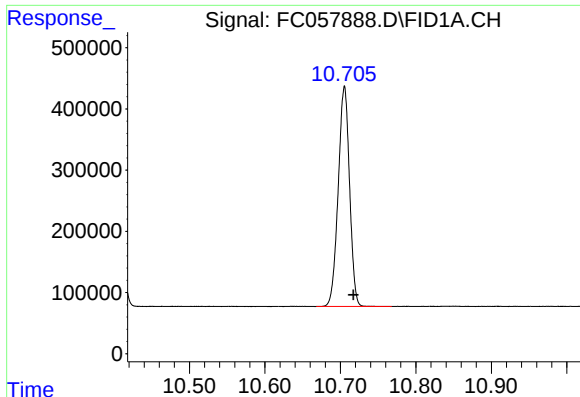
#7 n-Hexadecane (C16)

R.T.: 8.967 min
Delta R.T.: -0.012 min
Response: 3409728
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

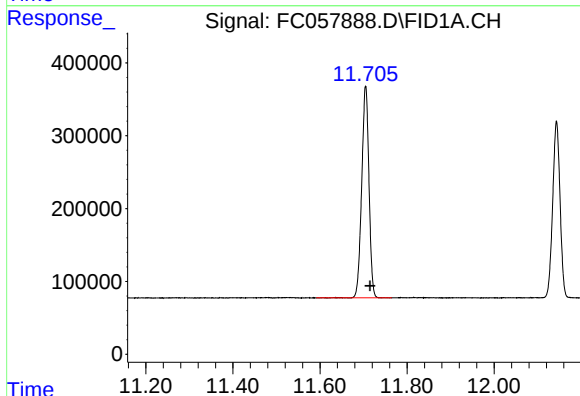
R.T.: 10.402 min
Delta R.T.: -0.011 min
Response: 3457513
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

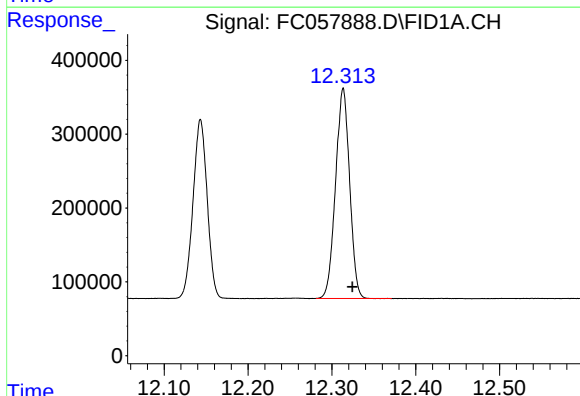
R.T.: 10.705 min
Delta R.T.: -0.012 min
Response: 3756992
Conc: 19.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



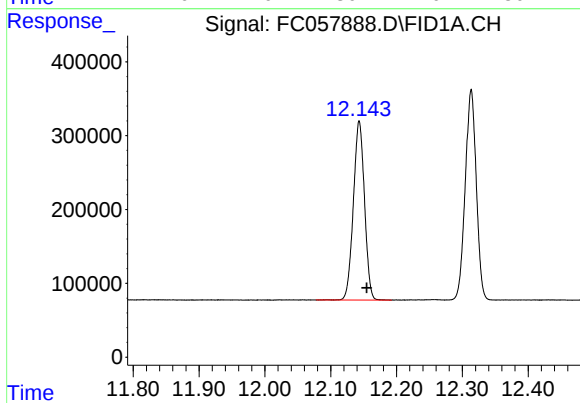
#10 n-Eicosane (C20)

R.T.: 11.705 min
Delta R.T.: -0.011 min
Response: 3353339
Conc: 19.59 ug/ml



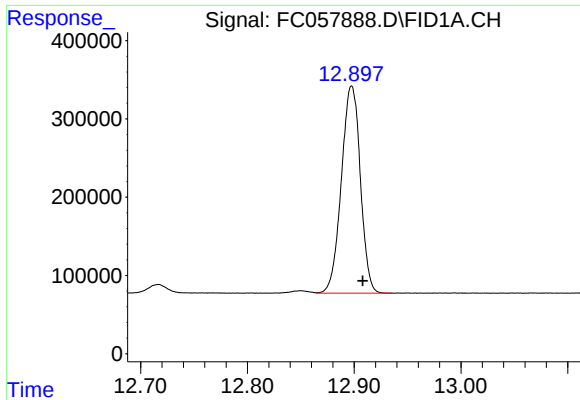
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.011 min
Response: 3324053
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

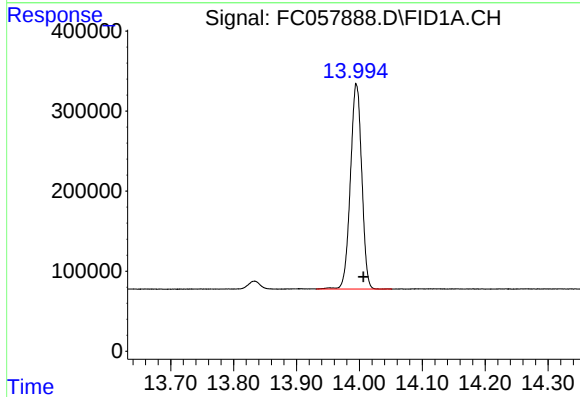
R.T.: 12.143 min
Delta R.T.: -0.011 min
Response: 2846142
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

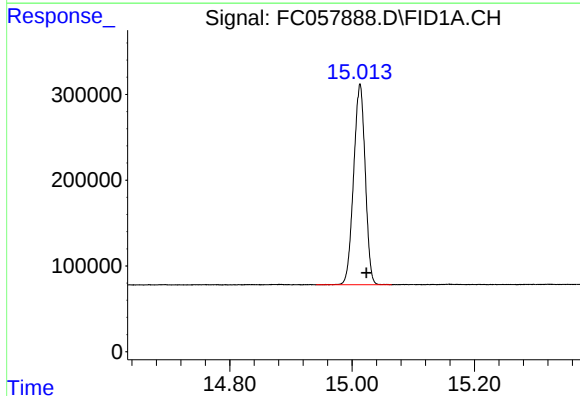
R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 3268208
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



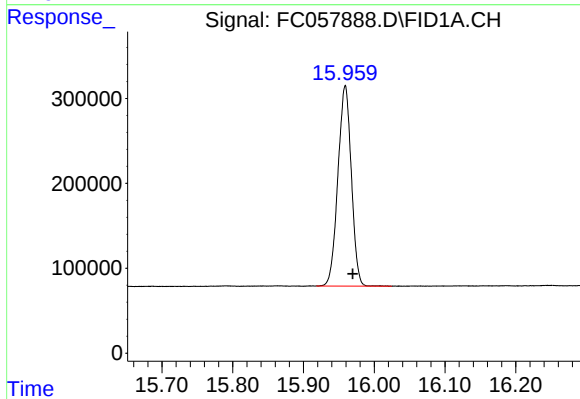
#14 n-Tetracosane (C24)

R.T.: 13.995 min
Delta R.T.: -0.011 min
Response: 3211023
Conc: 18.55 ug/ml



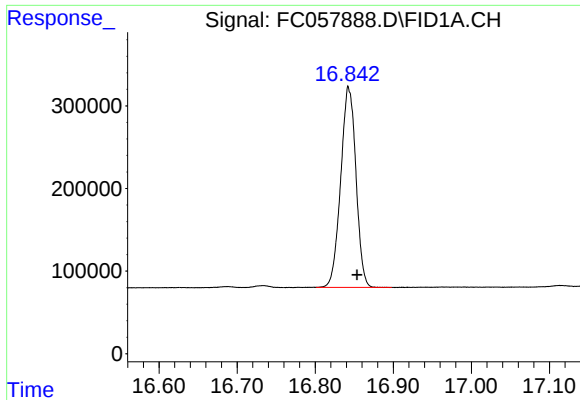
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.010 min
Response: 3073575
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

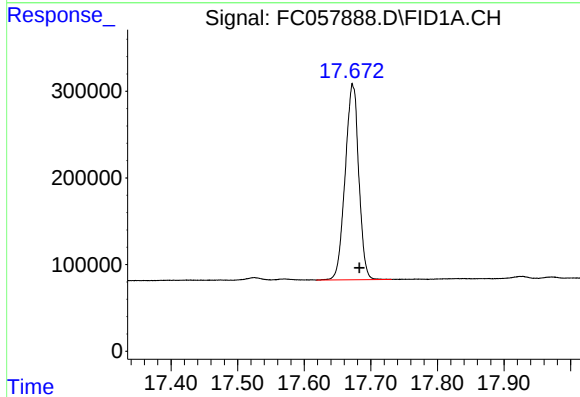
R.T.: 15.959 min
Delta R.T.: -0.011 min
Response: 3101607
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

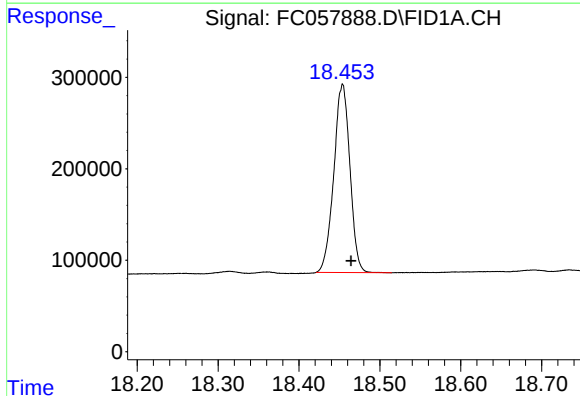
R.T.: 16.843 min
Delta R.T.: -0.010 min
Response: 3293737
Conc: 21.10 ug/ml

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20 PPM ALIPHATIC HC STD



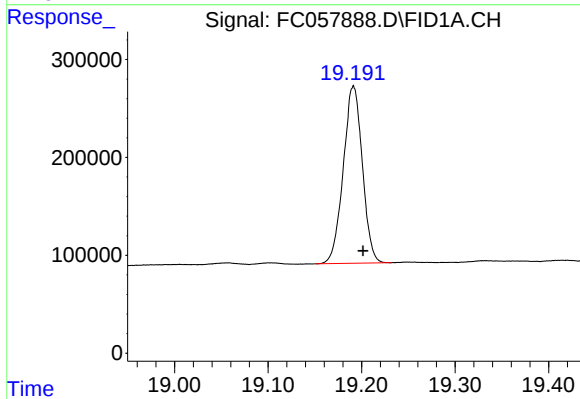
#18 n-Dotriacontane (C32)

R.T.: 17.673 min
Delta R.T.: -0.010 min
Response: 3200942
Conc: 22.96 ug/ml



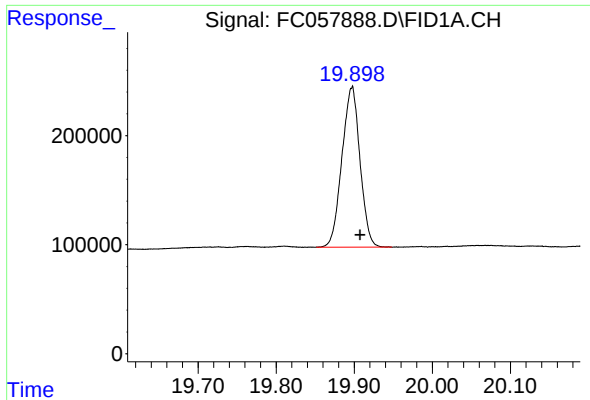
#19 n-Tetratriacontane (C34)

R.T.: 18.454 min
Delta R.T.: -0.011 min
Response: 2848725
Conc: 22.92 ug/ml



#20 n-Hexatriacontane (C36)

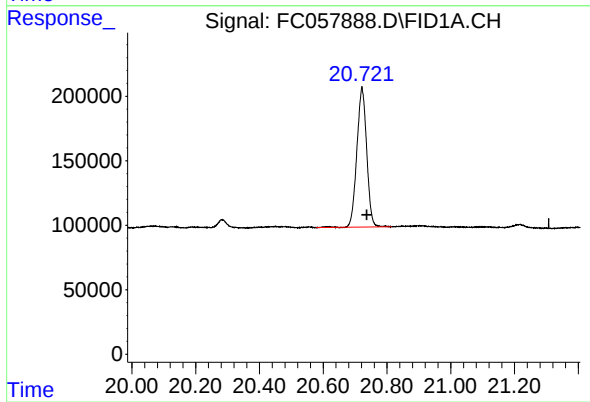
R.T.: 19.191 min
Delta R.T.: -0.010 min
Response: 2563329
Conc: 23.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.011 min
Response: 2361373
Conc: 22.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.722 min
Delta R.T.: -0.015 min
Response: 2312840
Conc: 24.15 ug/ml