

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041922AL\
 Data File : FC059296.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2022 11:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 19 19:30:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.103	2811123	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	12.551	2190651	19.543 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	2.959	2501357	20.412 ug/ml
2) T n-Decane (C10)	4.003	2504607	20.438 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2512148	20.008 ug/ml
4) T n-Dodecane (C12)	6.002	2606167	20.404 ug/ml
5) T A~2-methylnaphthalene...	6.602	2562154	19.986 ug/ml
6) T n-Tetradecane (C14)	7.785	2617619	20.132 ug/ml
7) T n-Hexadecane (C16)	9.377	2626452	19.779 ug/ml
8) T n-Octadecane (C18)	10.811	2628372	19.769 ug/ml
10) T n-Eicosane (C20)	12.114	2581421	19.702 ug/ml
11) T n-Heneicosane (C21)	12.723	2563718	19.649 ug/ml
13) T n-Docosane (C22)	13.306	2552558	19.704 ug/ml
14) T n-Tetracosane (C24)	14.404	2516240	19.919 ug/ml
15) T n-Hexacosane (C26)	15.421	2445142	20.243 ug/ml
16) T n-Octacosane (C28)	16.368	2510259	21.199 ug/ml
17) T n-Tricontane (C30)	17.252	2553413	22.383 ug/ml
18) T n-Dotriacontane (C32)	18.083	2470914	23.065 ug/ml
19) T n-Tetratriacontane (C34)	18.864	2308290	22.846 ug/ml
20) T n-Hexatriacontane (C36)	19.602	2104987	22.031 ug/ml
21) T n-Octatriacontane (C38)	20.301	1960562	21.306 ug/ml
22) T n-Tetracontane (C40)	21.044	1914226	20.597 ug/ml

(f)=RT Delta > 1/2 Window

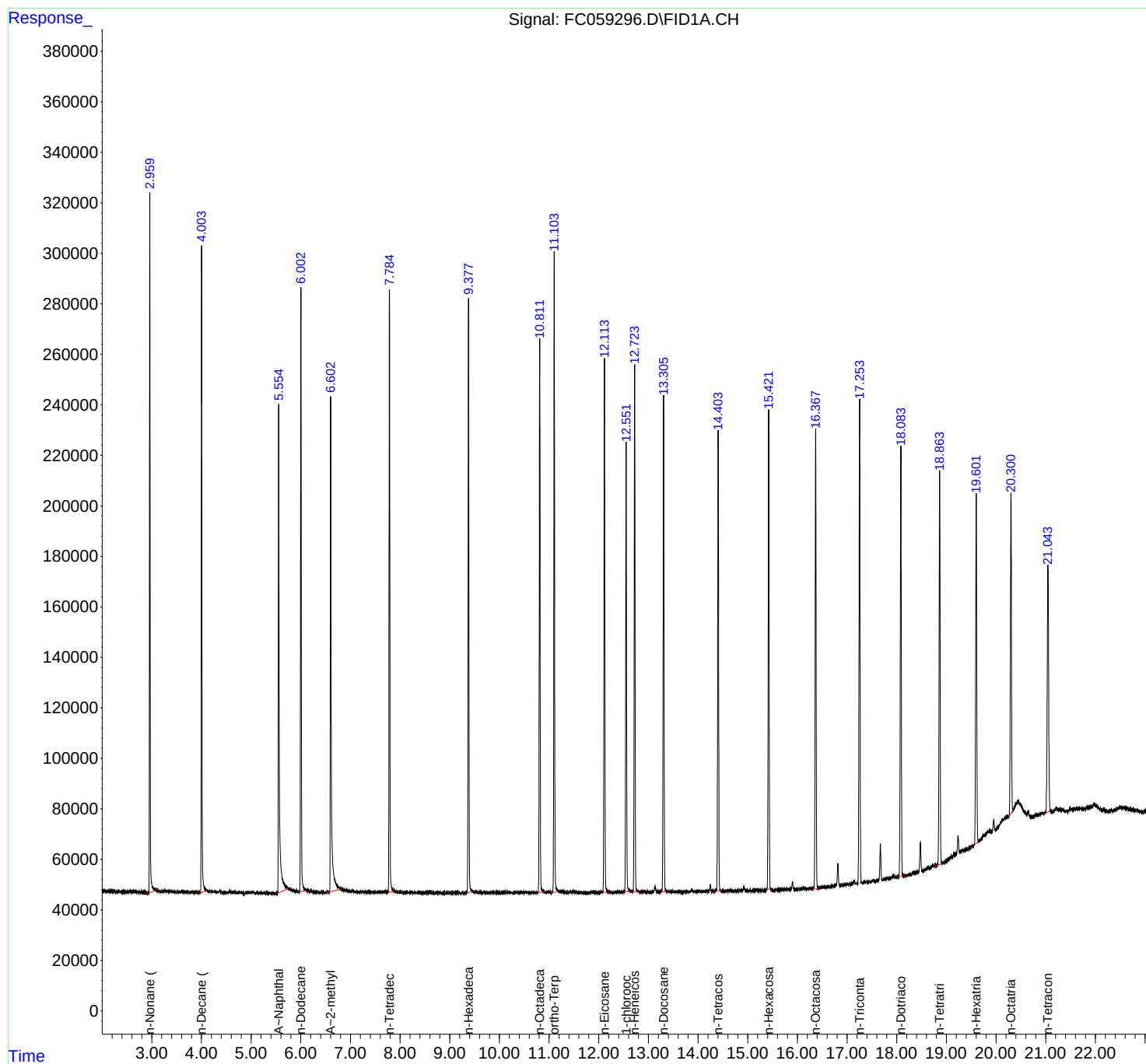
(m)=manual int.

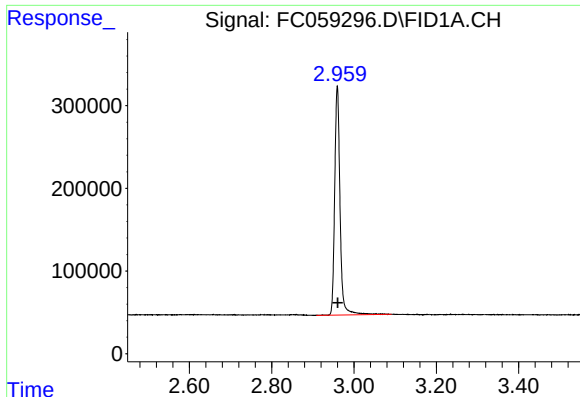
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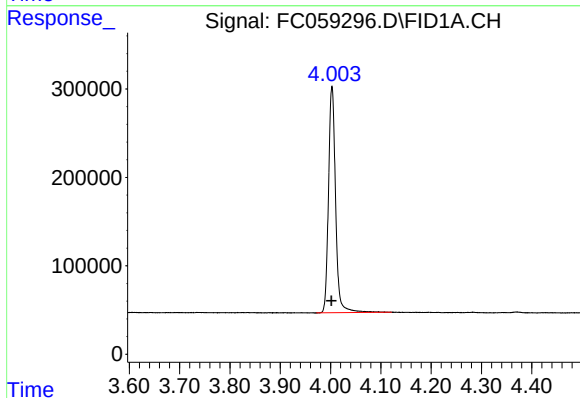




#1 n-Nonane (C9)

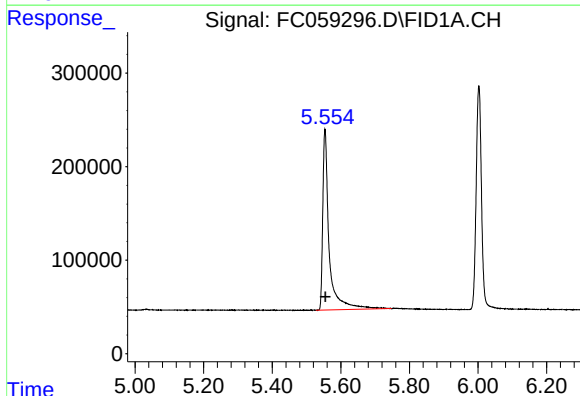
R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 2501357
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



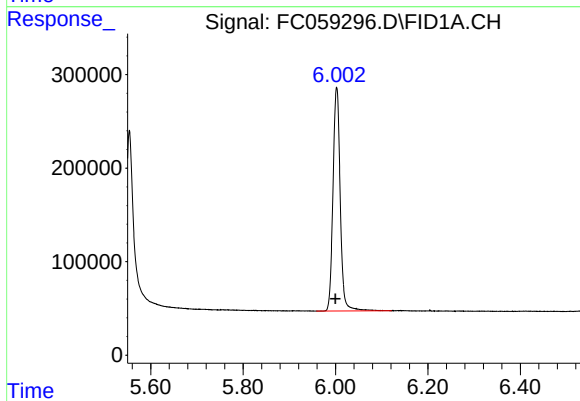
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 2504607
Conc: 20.44 ug/ml



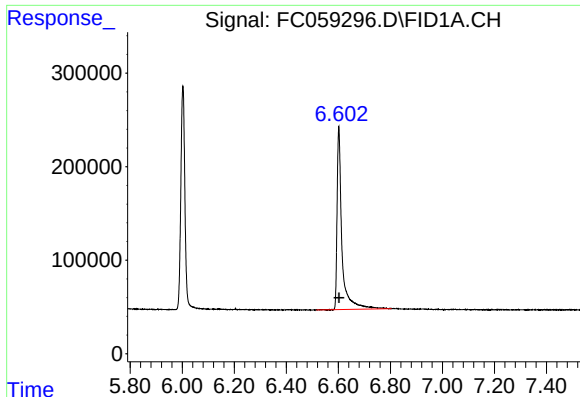
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 2512148
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

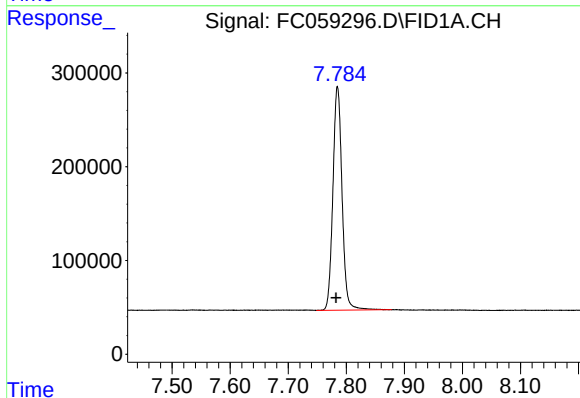
R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 2606167
Conc: 20.40 ug/ml



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

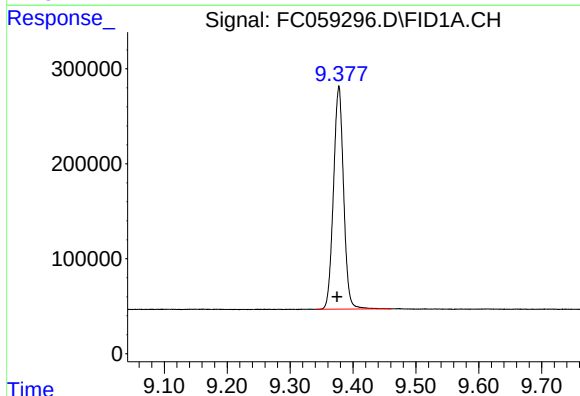
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 2562154
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



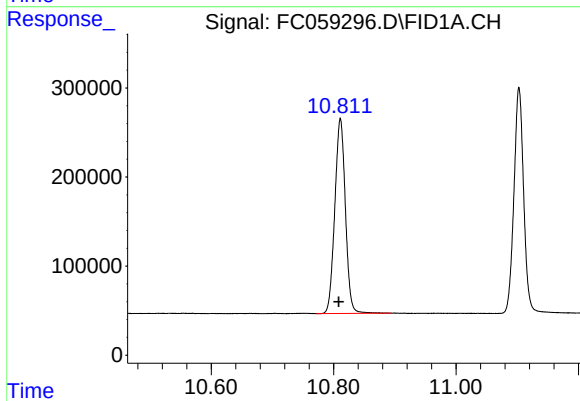
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 2617619
Conc: 20.13 ug/ml



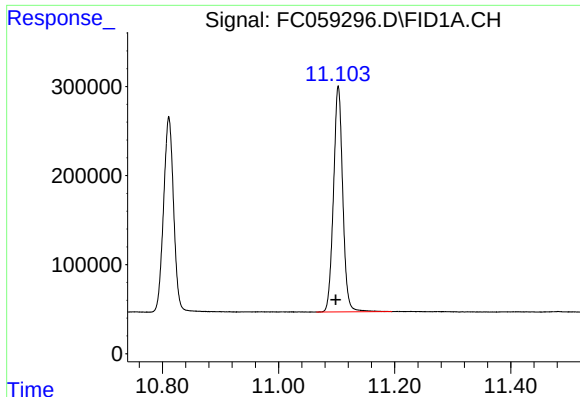
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.003 min
Response: 2626452
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

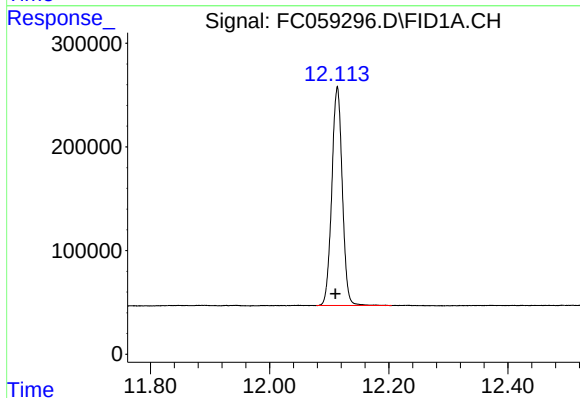
R.T.: 10.811 min
Delta R.T.: 0.002 min
Response: 2628372
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURRE)

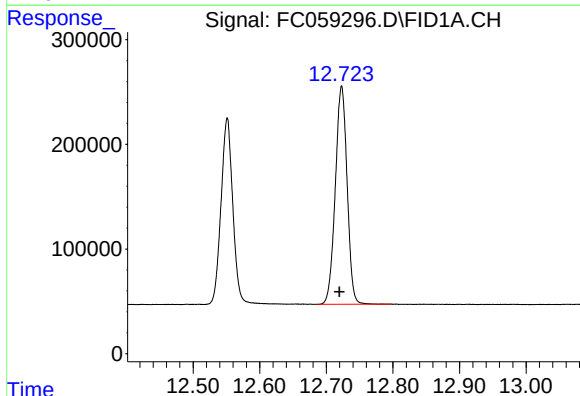
R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 2811123
Conc: 19.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



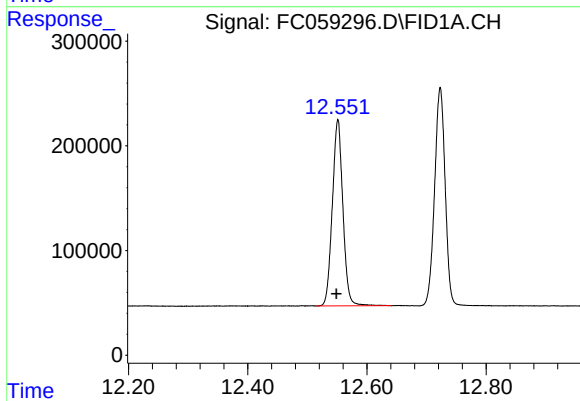
#10 n-Eicosane (C20)

R.T.: 12.114 min
Delta R.T.: 0.003 min
Response: 2581421
Conc: 19.70 ug/ml



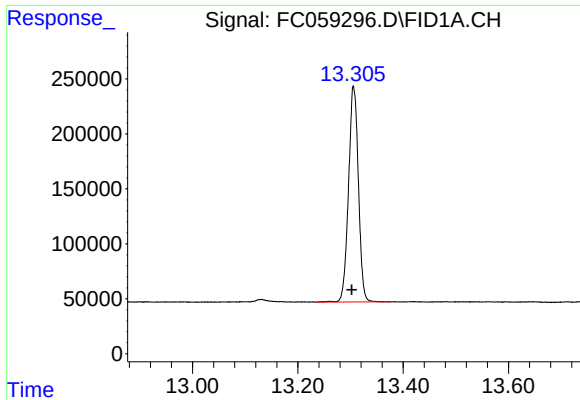
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 2563718
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURRE)

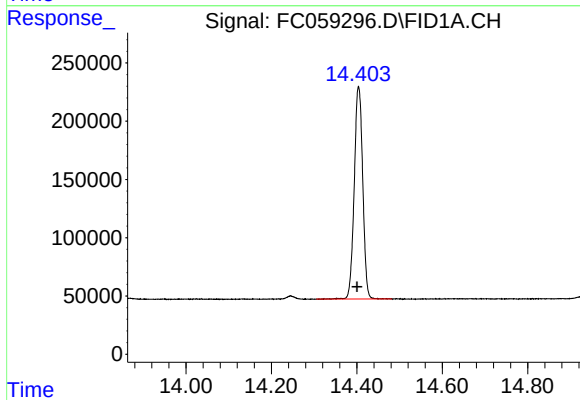
R.T.: 12.551 min
Delta R.T.: 0.003 min
Response: 2190651
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

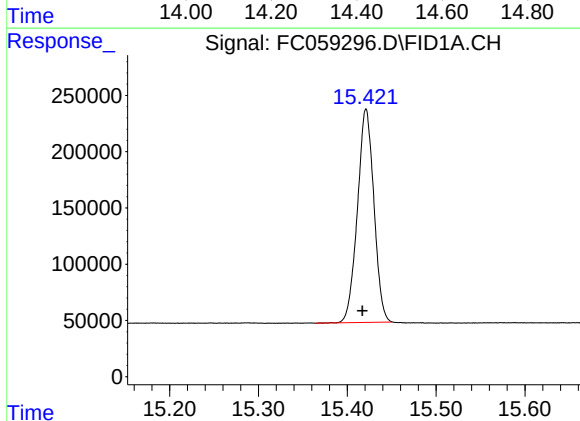
R.T.: 13.306 min
Delta R.T.: 0.004 min
Response: 2552558
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



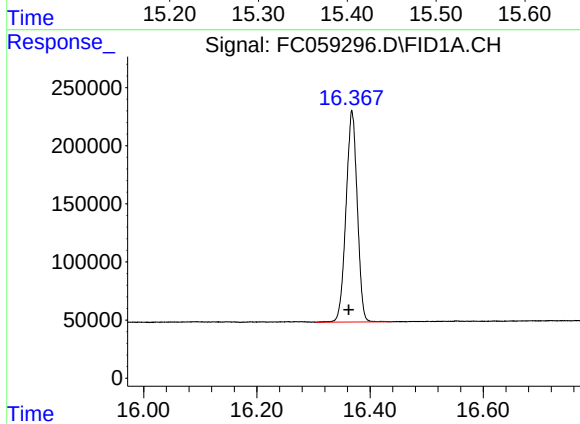
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 2516240
Conc: 19.92 ug/ml



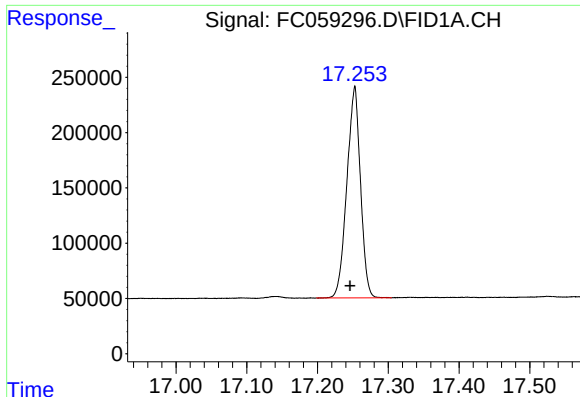
#15 n-Hexacosane (C26)

R.T.: 15.421 min
Delta R.T.: 0.004 min
Response: 2445142
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

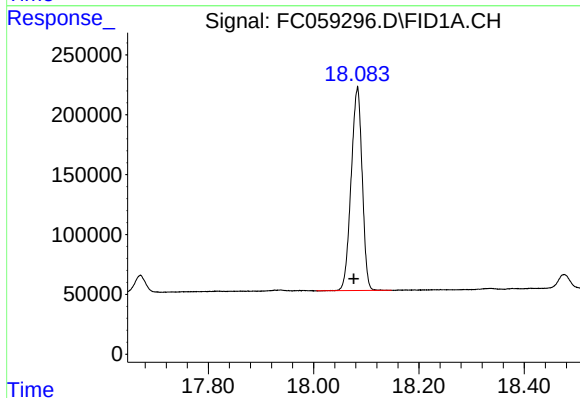
R.T.: 16.368 min
Delta R.T.: 0.006 min
Response: 2510259
Conc: 21.20 ug/ml



#17 n-Tricontane (C30)

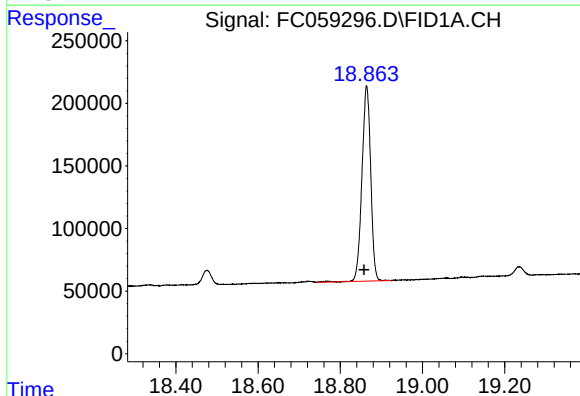
R.T.: 17.252 min
Delta R.T.: 0.006 min
Response: 2553413
Conc: 22.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



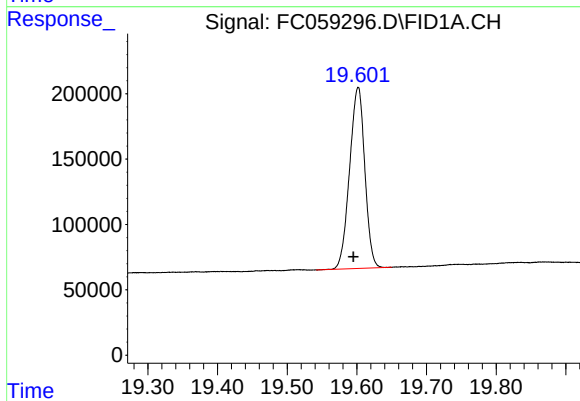
#18 n-Dotriacontane (C32)

R.T.: 18.083 min
Delta R.T.: 0.006 min
Response: 2470914
Conc: 23.06 ug/ml



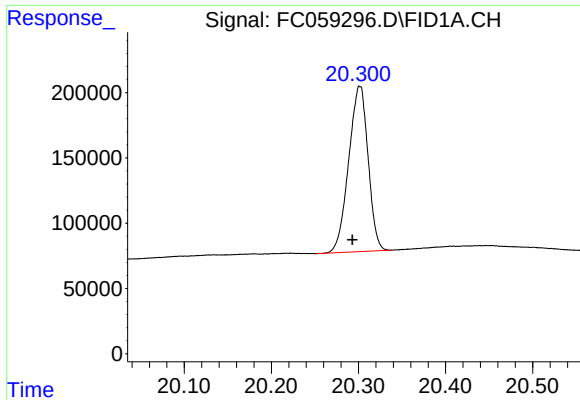
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min
Delta R.T.: 0.006 min
Response: 2308290
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

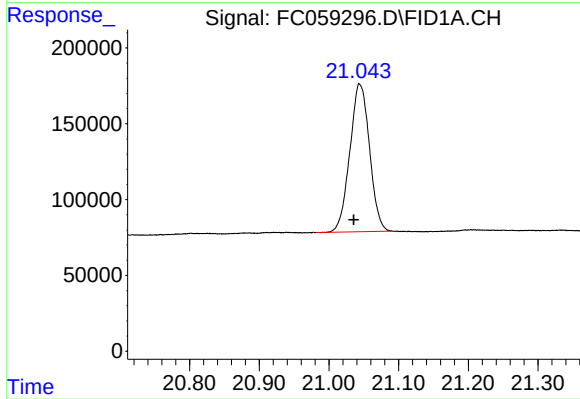
R.T.: 19.602 min
Delta R.T.: 0.007 min
Response: 2104987
Conc: 22.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.301 min
Delta R.T.: 0.008 min
Response: 1960562
Conc: 21.31 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.044 min
Delta R.T.: 0.009 min
Response: 1914226
Conc: 20.60 ug/ml