

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030222AL\
 Data File : FC058525.D
 Signal(s) : FID1A.CH
 Acq On : 02 Mar 2022 10:17
 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: Mar 03 00:45:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.390	2908324	19.967 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.823	2252667	19.873 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.246	2517323	20.933 ug/ml
2) T n-Decane (C10)	4.295	2517816	21.158 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2709636	20.878 ug/ml
4) T n-Dodecane (C12)	6.290	2588106	21.038 ug/ml
5) T A~2-methylnaphthalene...	6.900	2734021	20.971 ug/ml
6) T n-Tetradecane (C14)	8.068	2627451	20.968 ug/ml
7) T n-Hexadecane (C16)	9.655	2661174	20.665 ug/ml
8) T n-Octadecane (C18)	11.085	2685777	20.410 ug/ml
10) T n-Eicosane (C20)	12.384	2634397	20.034 ug/ml
11) T n-Heneicosane (C21)	12.992	2635350	19.941 ug/ml
13) T n-Docosane (C22)	13.575	2637619	20.232 ug/ml
14) T n-Tetracosane (C24)	14.671	2618976	20.281 ug/ml
15) T n-Hexacosane (C26)	15.687	2543706	20.563 ug/ml
16) T n-Octacosane (C28)	16.632	2543837	21.371 ug/ml
17) T n-Tricontane (C30)	17.515	2515470	22.347 ug/ml
18) T n-Dotriacontane (C32)	18.342	2409472	22.407 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2189504	22.598 ug/ml
20) T n-Hexatriacontane (C36)	19.858	1996074	22.125 ug/ml
21) T n-Octatriacontane (C38)	20.563	1916318	22.021 ug/ml
22) T n-Tetracontane (C40)	21.385	1892077	22.547 ug/ml

(f)=RT Delta > 1/2 Window

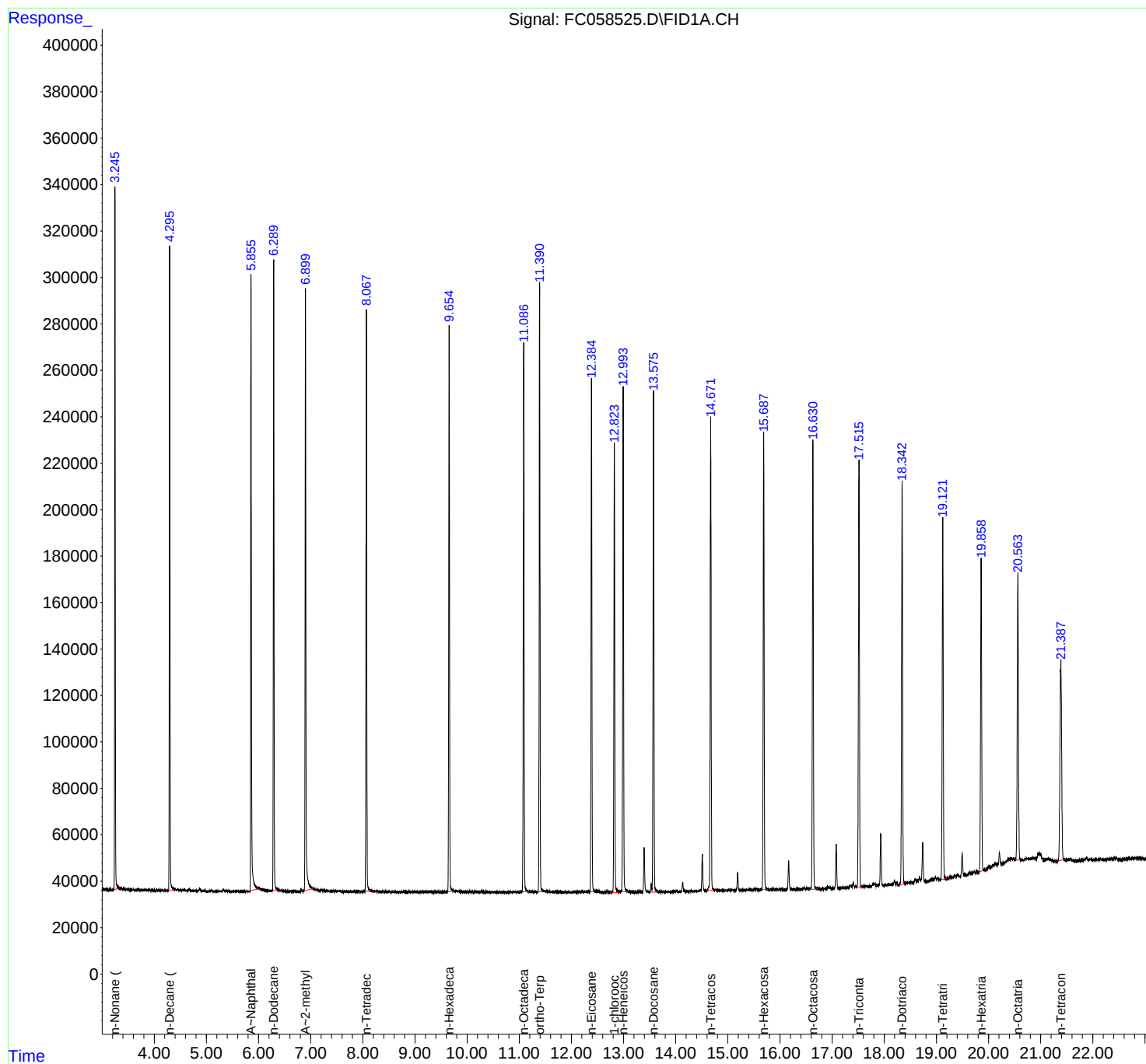
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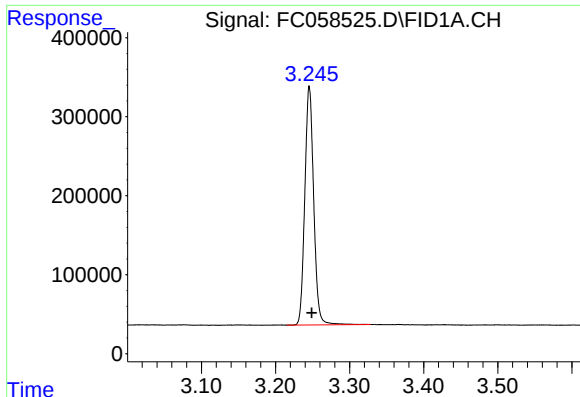
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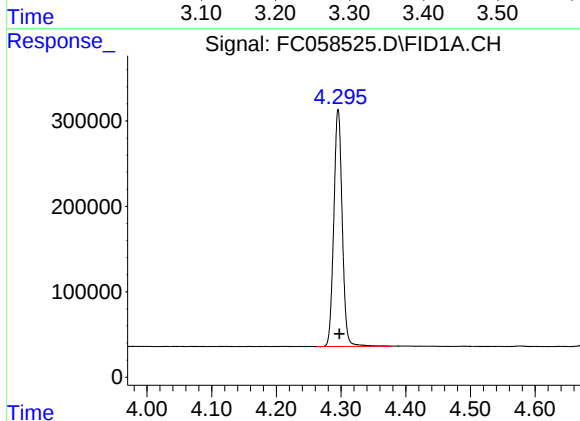




#1 n-Nonane (C9)

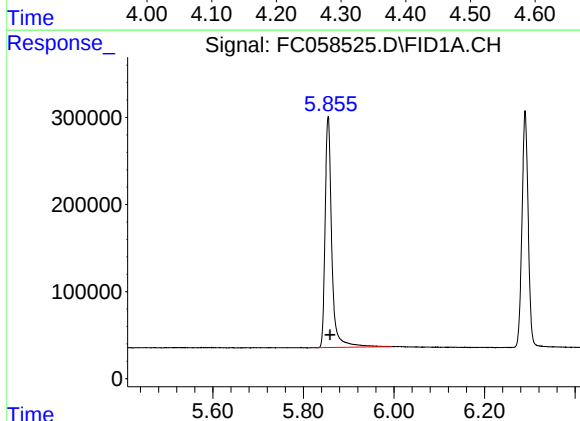
R.T.: 3.246 min
Delta R.T.: -0.003 min
Response: 2517323
Conc: 20.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



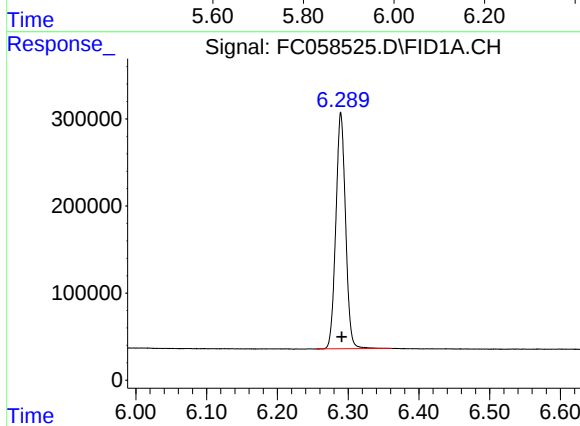
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 2517816
Conc: 21.16 ug/ml



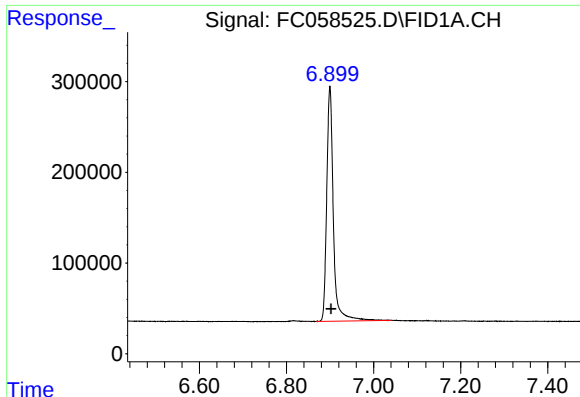
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 2709636
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

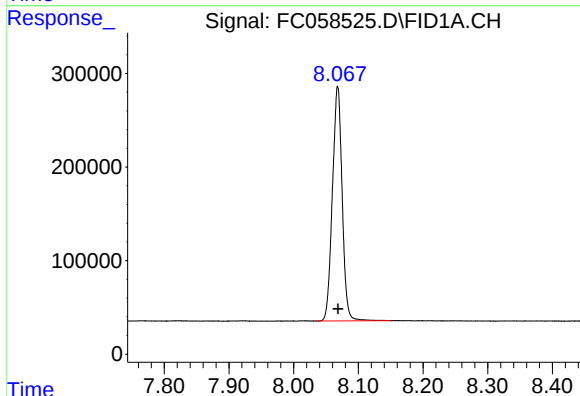
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 2588106
Conc: 21.04 ug/ml



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

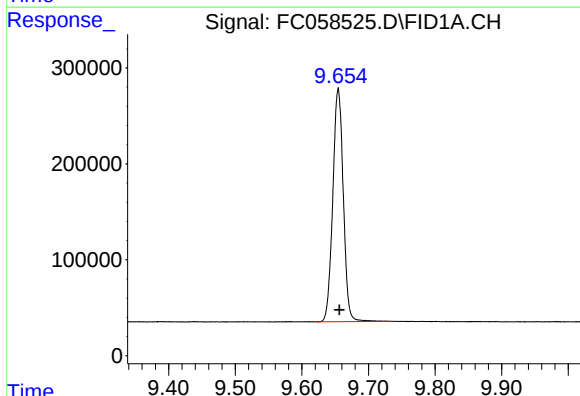
R.T.: 6.900 min
Delta R.T.: -0.003 min
Response: 2734021
Conc: 20.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



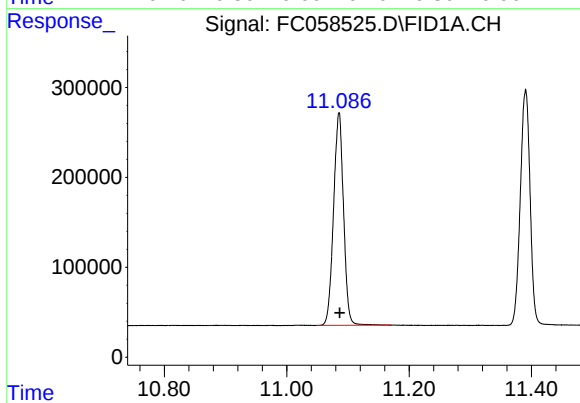
#6 n-Tetradecane (C14)

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 2627451
Conc: 20.97 ug/ml



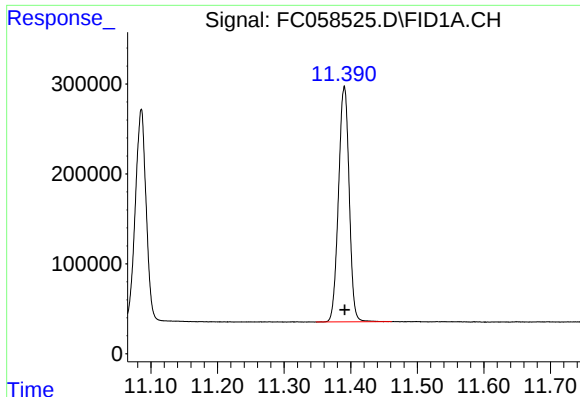
#7 n-Hexadecane (C16)

R.T.: 9.655 min
Delta R.T.: -0.002 min
Response: 2661174
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

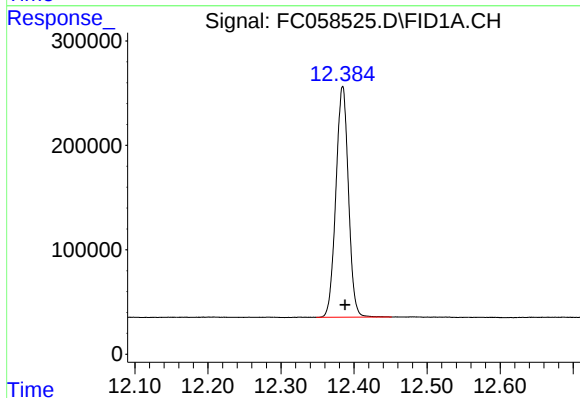
R.T.: 11.085 min
Delta R.T.: -0.001 min
Response: 2685777
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

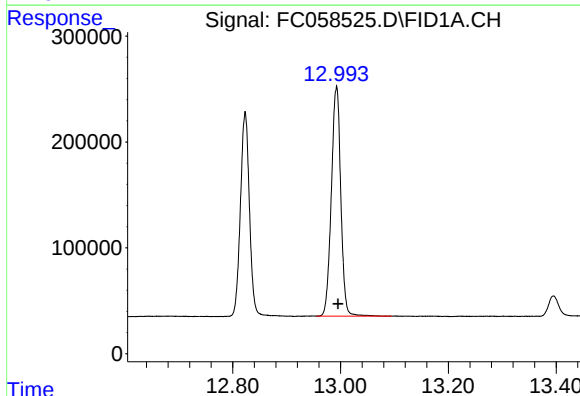
R.T.: 11.390 min
Delta R.T.: 0.000 min
Response: 2908324
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



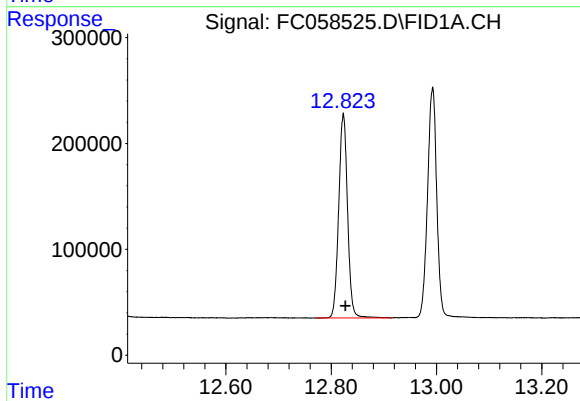
#10 n-Eicosane (C20)

R.T.: 12.384 min
Delta R.T.: -0.003 min
Response: 2634397
Conc: 20.03 ug/ml



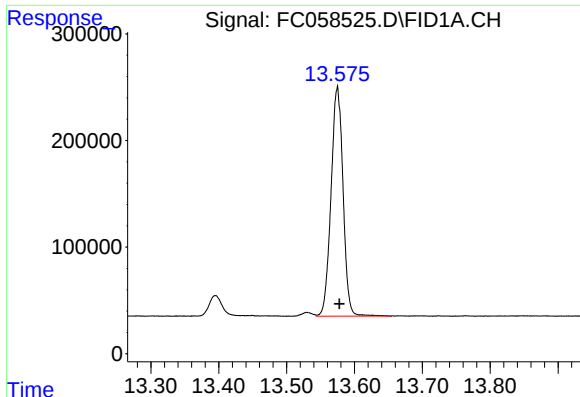
#11 n-Heneicosane (C21)

R.T.: 12.992 min
Delta R.T.: -0.003 min
Response: 2635350
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

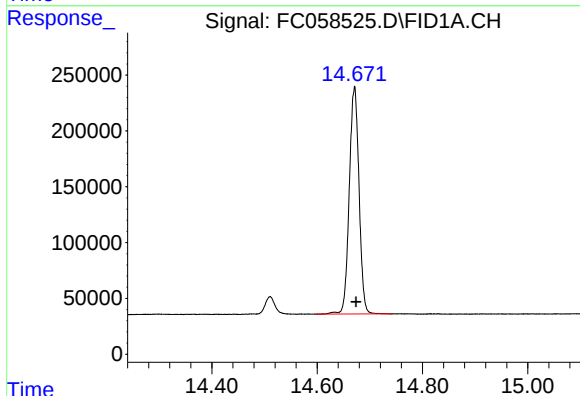
R.T.: 12.823 min
Delta R.T.: -0.004 min
Response: 2252667
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

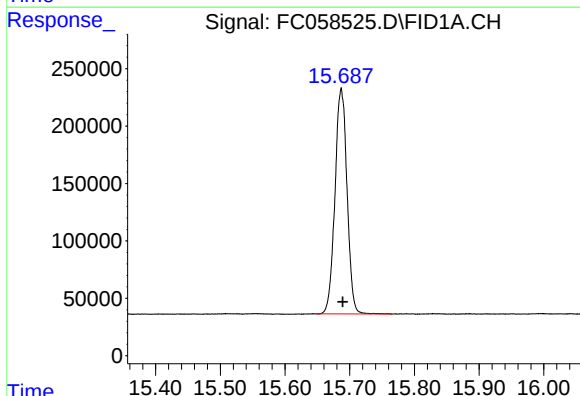
R.T.: 13.575 min
Delta R.T.: -0.003 min
Response: 2637619
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



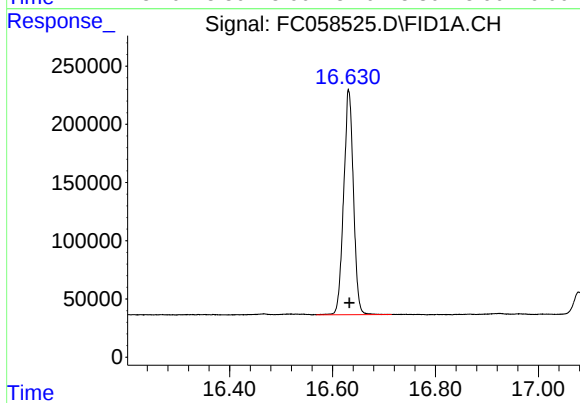
#14 n-Tetracosane (C24)

R.T.: 14.671 min
Delta R.T.: -0.003 min
Response: 2618976
Conc: 20.28 ug/ml



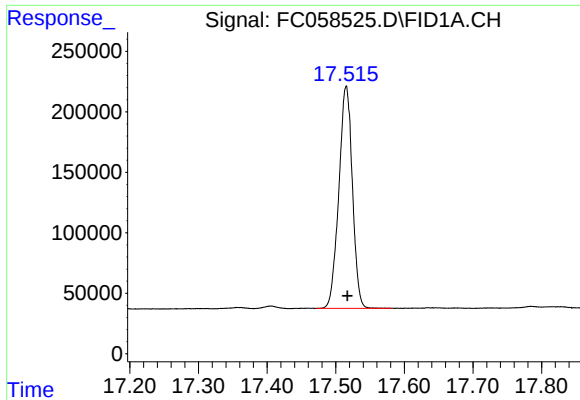
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.002 min
Response: 2543706
Conc: 20.56 ug/ml



#16 n-Octacosane (C28)

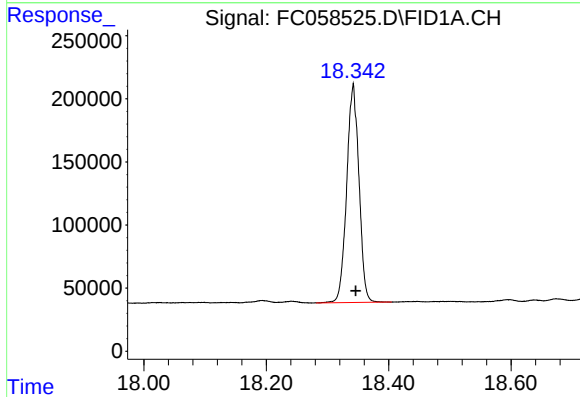
R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 2543837
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

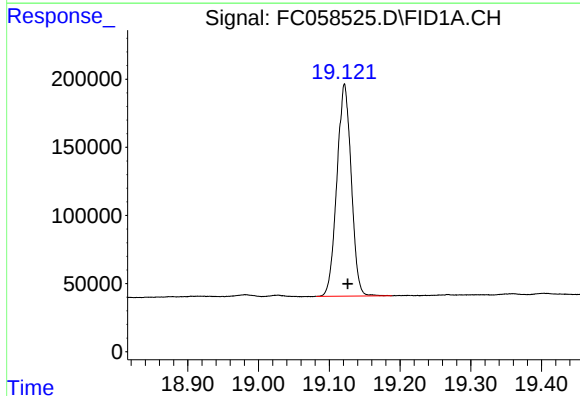
R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 2515470
Conc: 22.35 ug/ml

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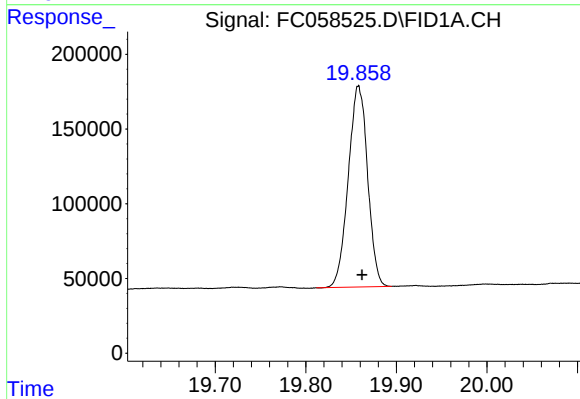
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.004 min
Response: 2409472
Conc: 22.41 ug/ml



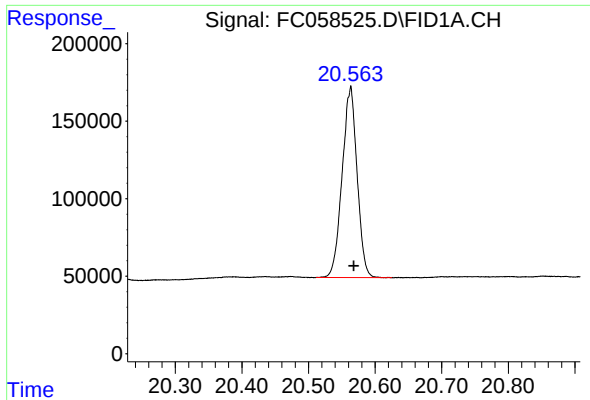
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: -0.004 min
Response: 2189504
Conc: 22.60 ug/ml



#20 n-Hexatriacontane (C36)

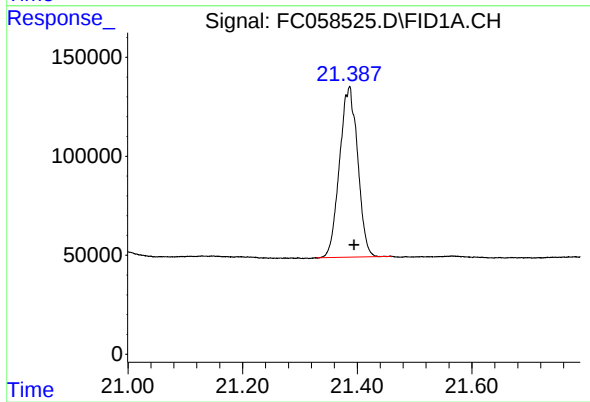
R.T.: 19.858 min
Delta R.T.: -0.004 min
Response: 1996074
Conc: 22.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.005 min
Response: 1916318
Conc: 22.02 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.385 min
Delta R.T.: -0.009 min
Response: 1892077
Conc: 22.55 ug/ml