

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033121AL\
 Data File : FC052887.D
 Signal(s) : FID1A.CH
 Acq On : 31 Mar 2021 18:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 01:15:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.560	2485145	18.540 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	12.998	1932270	17.915 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
Target Compounds			
1) T n-Nonane (C9)	3.318	2450862	21.101 ug/ml
2) T n-Decane (C10)	4.385	2495084	21.292 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2750561	21.009 ug/ml
4) T n-Dodecane (C12)	6.403	2543454	21.184 ug/ml
5) T A~2-methylnaphthalene...	7.027	2790525	20.847 ug/ml
6) T n-Tetradecane (C14)	8.199	2521802	20.851 ug/ml
7) T n-Hexadecane (C16)	9.801	2434452	20.241 ug/ml
8) T n-Octadecane (C18)	11.244	2449934	19.418 ug/ml
10) T n-Eicosane (C20)	12.554	2351505	18.415 ug/ml
11) T n-Heneicosane (C21)	13.166	2280661	17.943 ug/ml
13) T n-Docosane (C22)	13.752	2224468	17.560 ug/ml
14) T n-Tetracosane (C24)	14.855	2121887	16.986 ug/ml
15) T n-Hexacosane (C26)	15.876	2033908	16.891 ug/ml
16) T n-Octacosane (C28)	16.825	1999983	17.347 ug/ml
17) T n-Tricontane (C30)	17.712	1992959	18.292 ug/ml
18) T n-Dotriacontane (C32)	18.544	1968083	19.614 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1944598	21.156 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1886031	20.683 ug/ml
21) T n-Octatriacontane (C38)	20.799	1834011	22.472 ug/ml
22) T n-Tetracontane (C40)	21.703	1904374	22.108 ug/ml

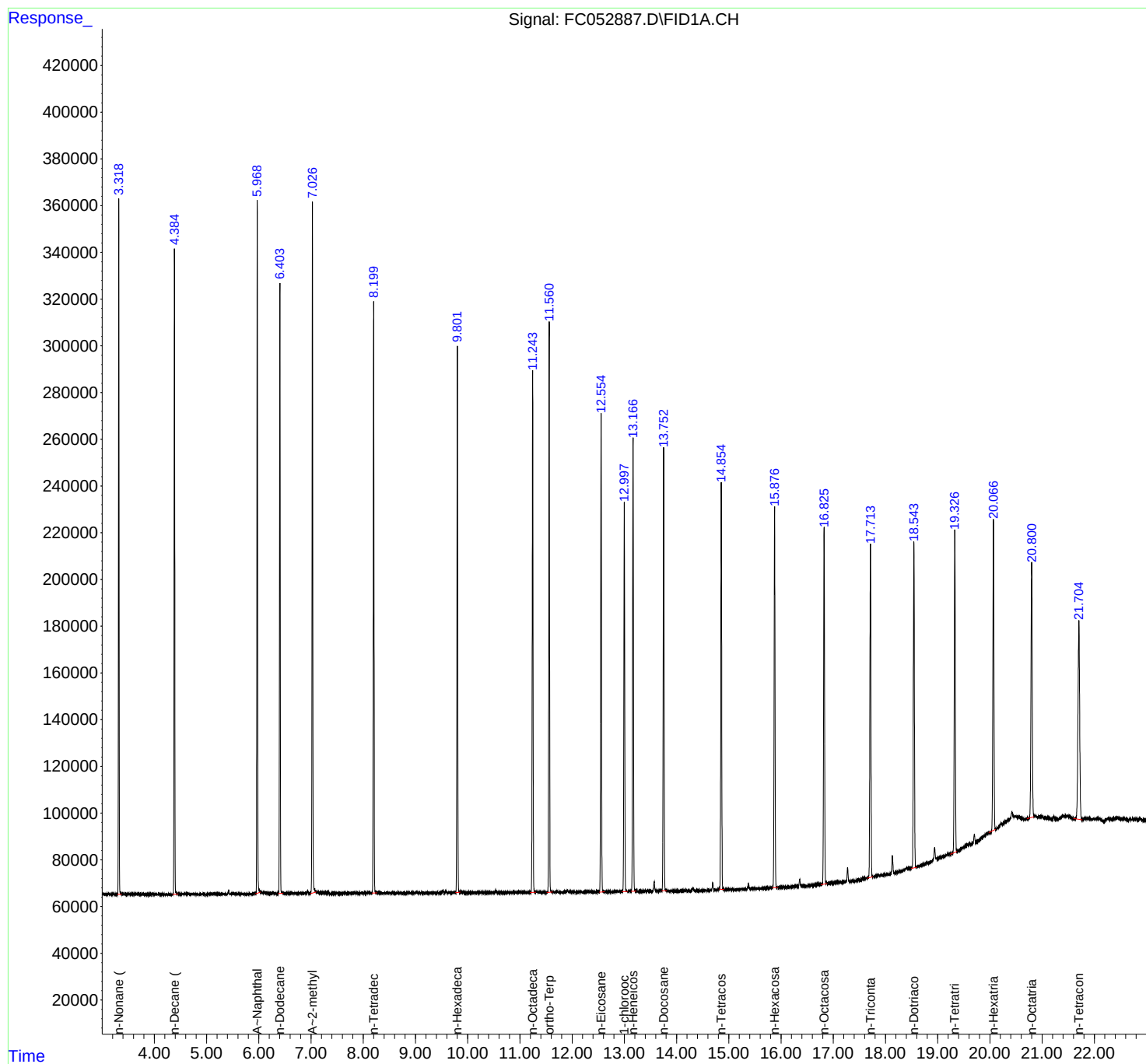
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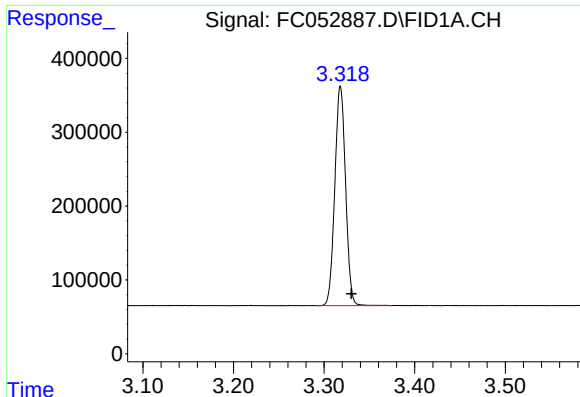
(m)=manual int.

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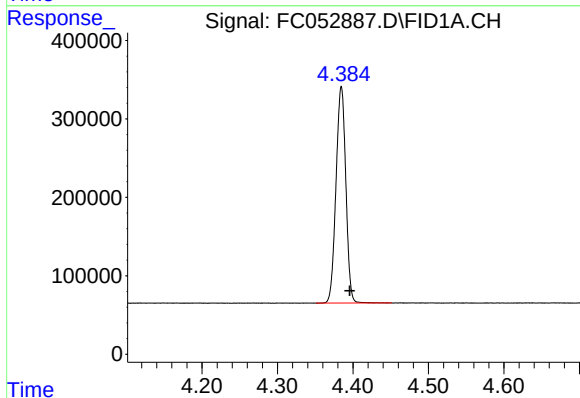
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





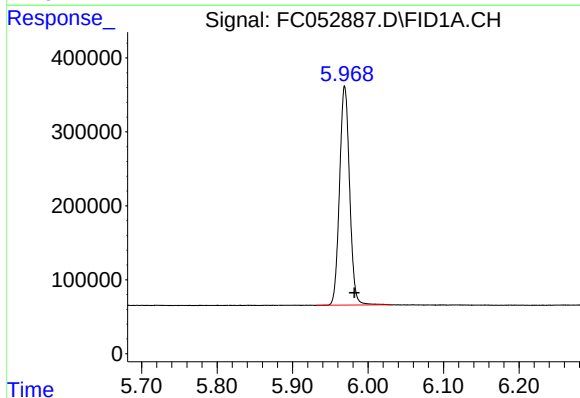
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.012 min
Response: 2450862
Conc: 21.10 ug/ml



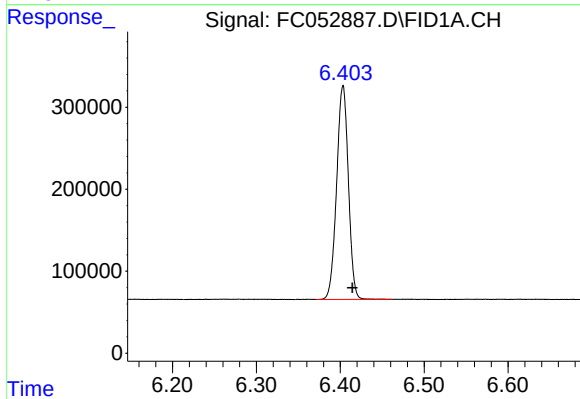
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.011 min
Response: 2495084
Conc: 21.29 ug/ml



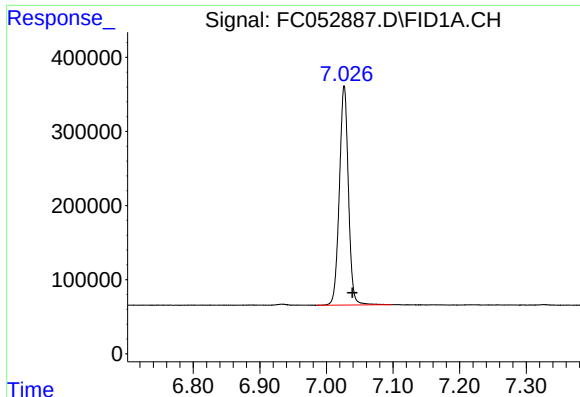
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.013 min
Response: 2750561
Conc: 21.01 ug/ml



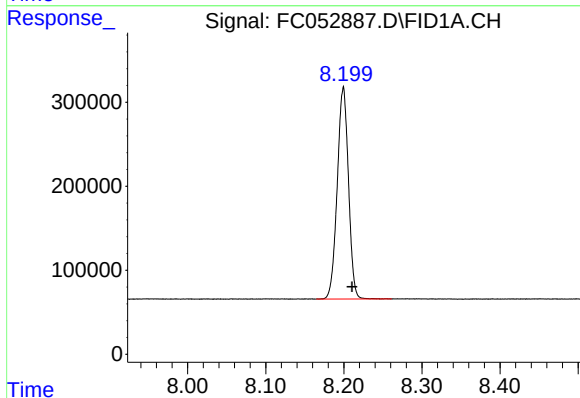
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.011 min
Response: 2543454
Conc: 21.18 ug/ml



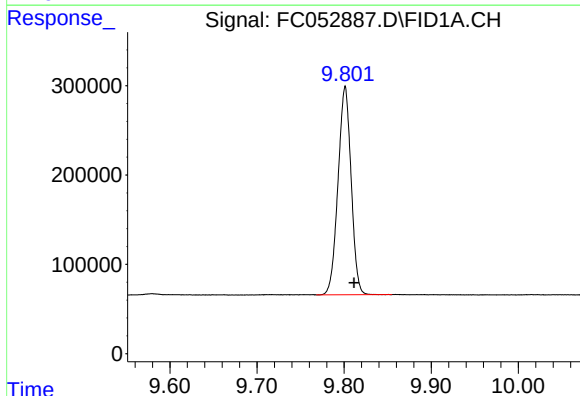
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.012 min
Response: 2790525
Conc: 20.85 ug/ml



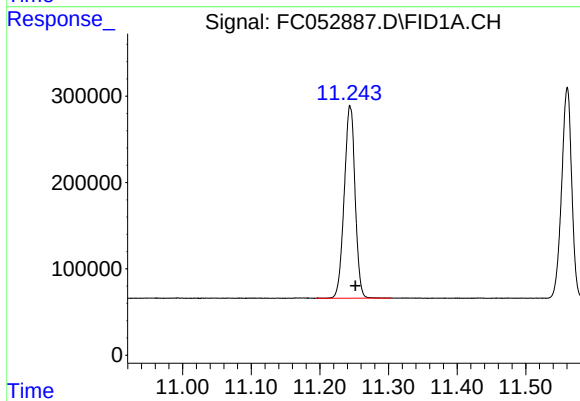
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.011 min
Response: 2521802
Conc: 20.85 ug/ml



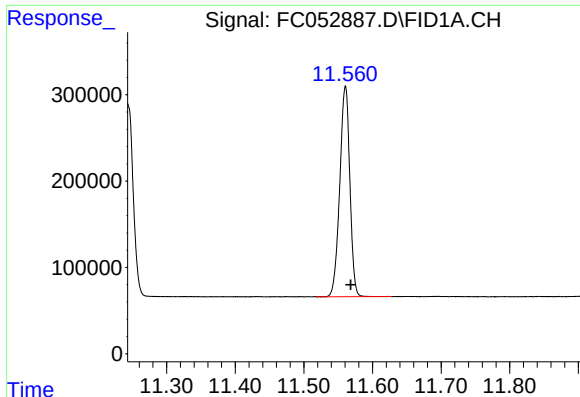
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.010 min
Response: 2434452
Conc: 20.24 ug/ml



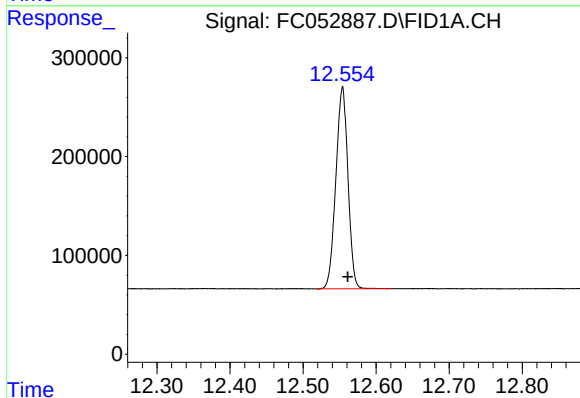
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.008 min
Response: 2449934
Conc: 19.42 ug/ml



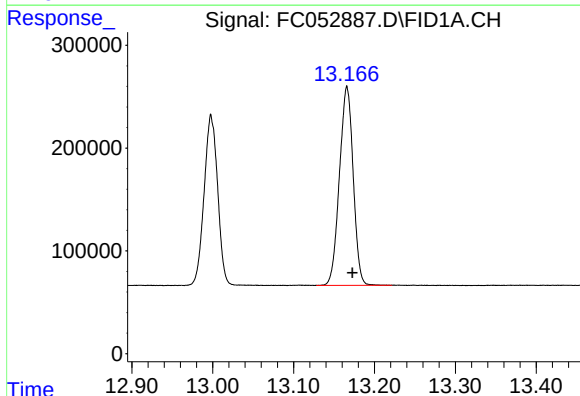
#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: -0.008 min
Response: 2485145
Conc: 18.54 ug/ml



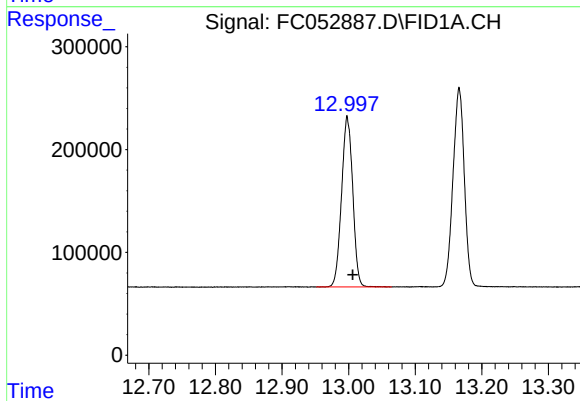
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2351505
Conc: 18.42 ug/ml



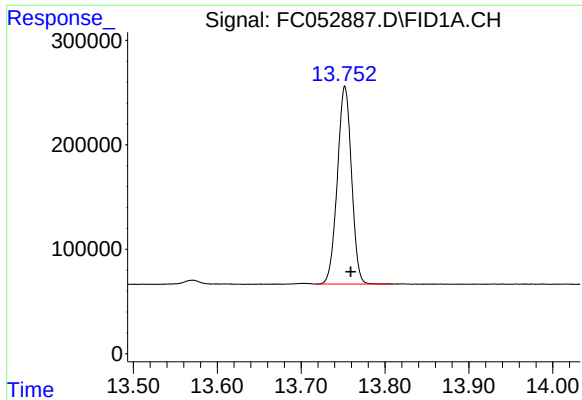
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.007 min
Response: 2280661
Conc: 17.94 ug/ml



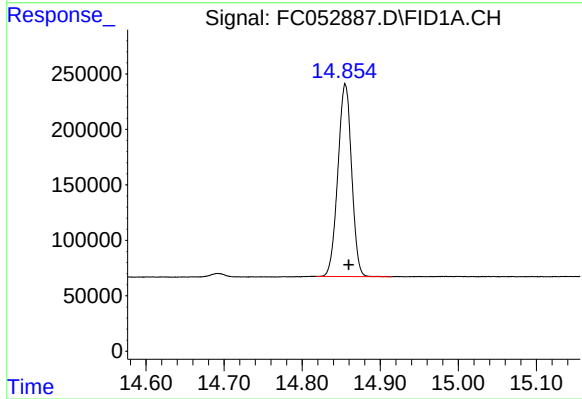
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 1932270
Conc: 17.91 ug/ml



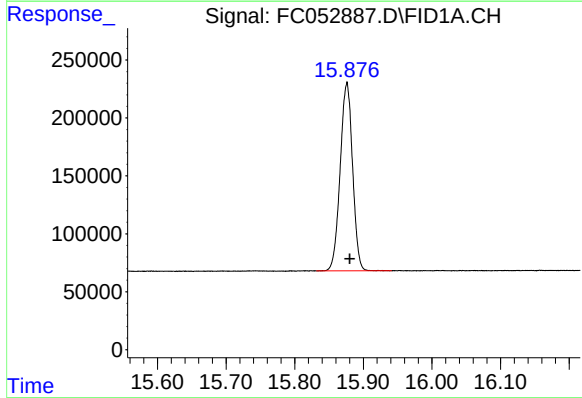
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.007 min
Response: 2224468
Conc: 17.56 ug/ml



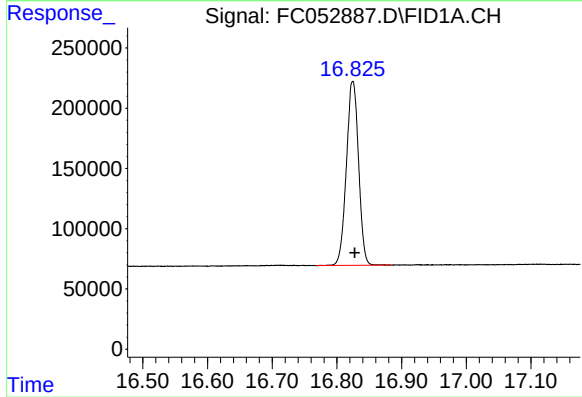
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 2121887
Conc: 16.99 ug/ml



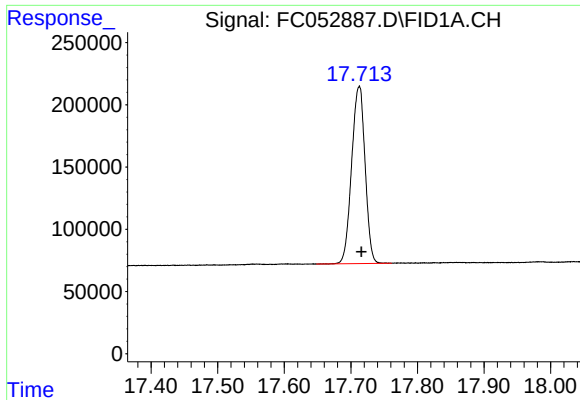
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 2033908
Conc: 16.89 ug/ml



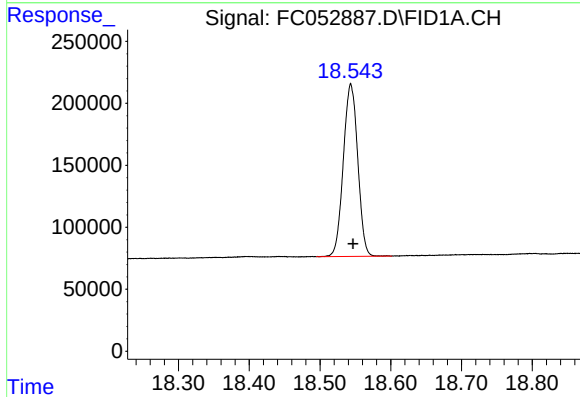
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 1999983
Conc: 17.35 ug/ml



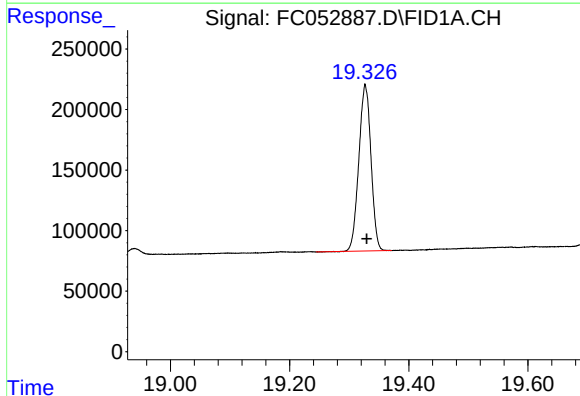
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 1992959
Conc: 18.29 ug/ml



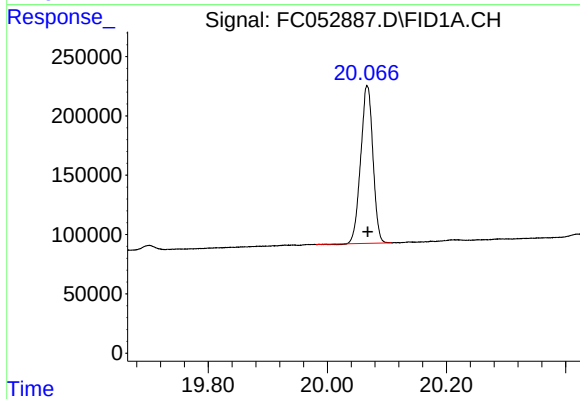
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1968083
Conc: 19.61 ug/ml



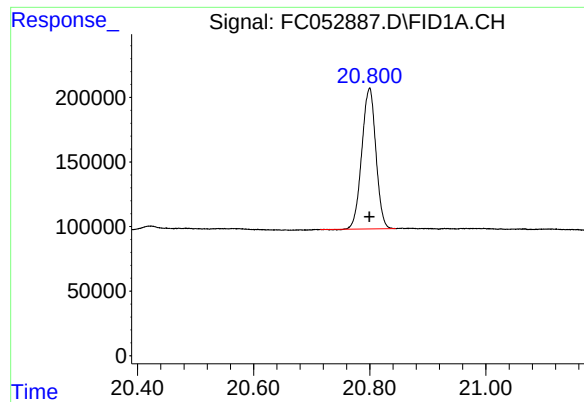
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1944598
Conc: 21.16 ug/ml



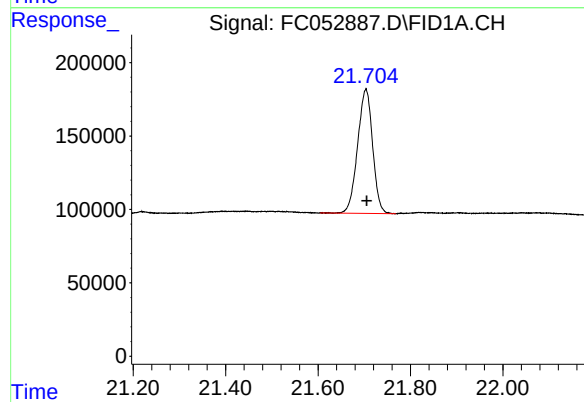
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1886031
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1834011
Conc: 22.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.002 min
Response: 1904374
Conc: 22.11 ug/ml