

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081821AL\
 Data File : FC055286.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 4:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 19 05:05:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.302	2501610	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	12.742	1969890	19.876 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.139	2284368	21.846 ug/ml
2) T n-Decane (C10)	4.188	2353998	22.354 ug/ml
3) T A~Naphthalene (C11.7)	5.755	2409491	22.175 ug/ml
4) T n-Dodecane (C12)	6.189	2431886	22.395 ug/ml
5) T A~2-methylnaphthalene...	6.805	2439819	22.355 ug/ml
6) T n-Tetradecane (C14)	7.973	2455764	21.998 ug/ml
7) T n-Hexadecane (C16)	9.564	2460116	21.570 ug/ml
8) T n-Octadecane (C18)	10.999	2475742	20.995 ug/ml
10) T n-Eicosane (C20)	12.302	2388872	20.348 ug/ml
11) T n-Heneicosane (C21)	12.911	2367994	20.055 ug/ml
13) T n-Docosane (C22)	13.495	2329563	19.946 ug/ml
14) T n-Tetracosane (C24)	14.592	2259890	19.524 ug/ml
15) T n-Hexacosane (C26)	15.610	2134050	19.042 ug/ml
16) T n-Octacosane (C28)	16.555	2081648	19.173 ug/ml
17) T n-Tricontane (C30)	17.439	2063796	19.766 ug/ml
18) T n-Dotriacontane (C32)	18.269	2008922	20.285 ug/ml
19) T n-Tetratriacontane (C34)	19.051	2002041	21.123 ug/ml
20) T n-Hexatriacontane (C36)	19.788	1950297	21.582 ug/ml
21) T n-Octatriacontane (C38)	20.488	1910525	22.112 ug/ml
22) T n-Tetracontane (C40)	21.291	2008668	22.555 ug/ml

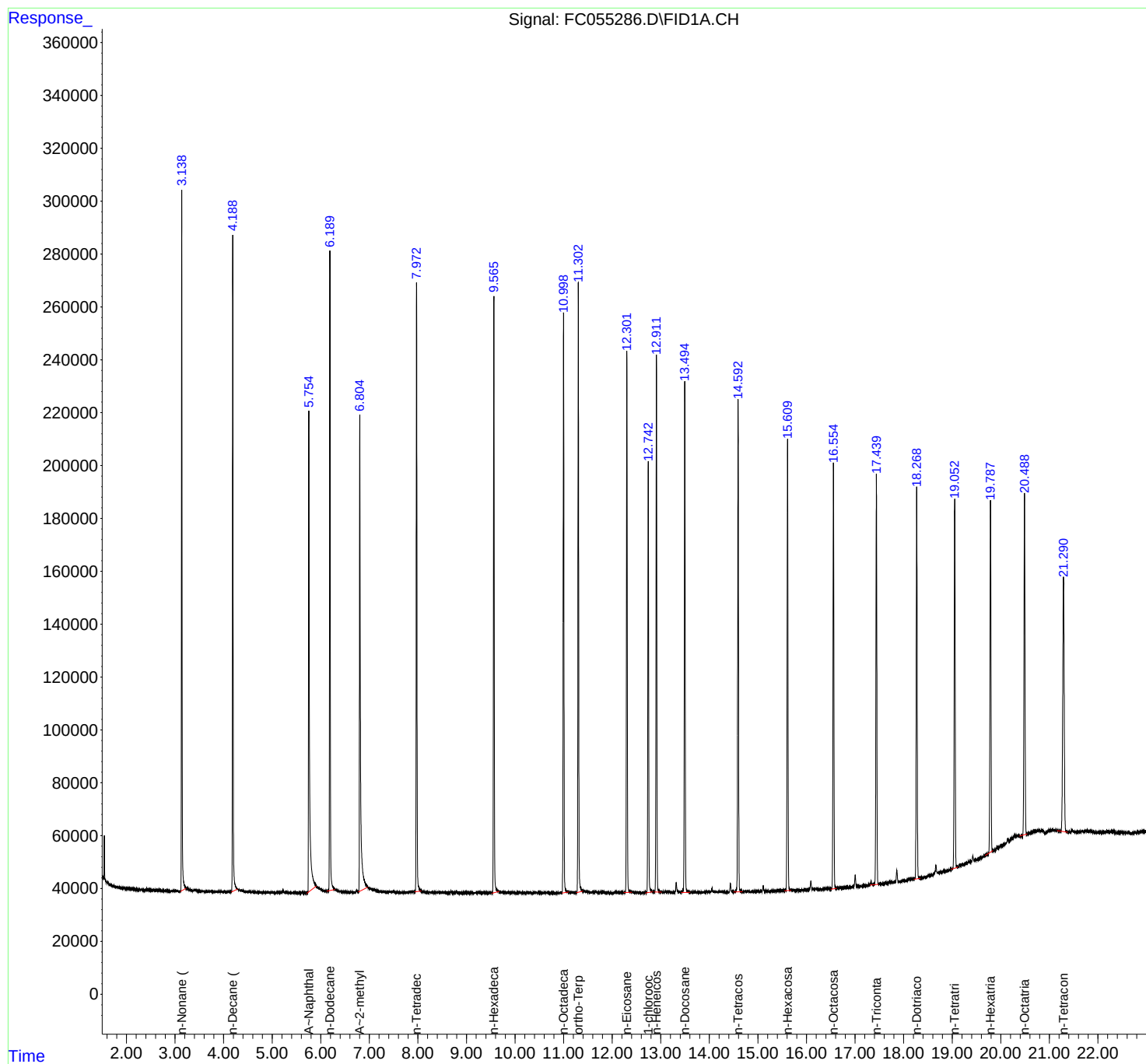
(f)=RT Delta > 1/2 Window

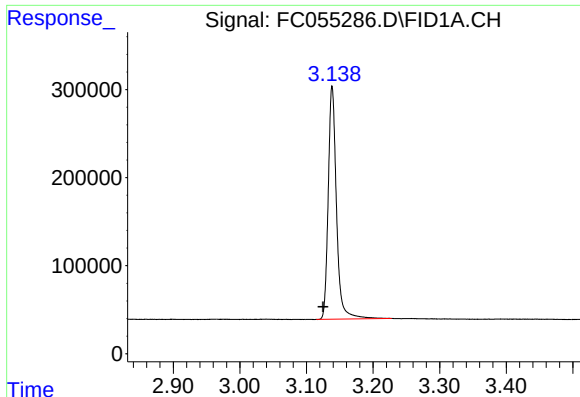
(m)=manual int.

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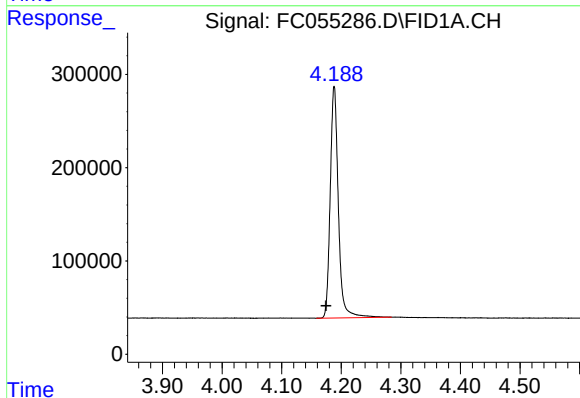
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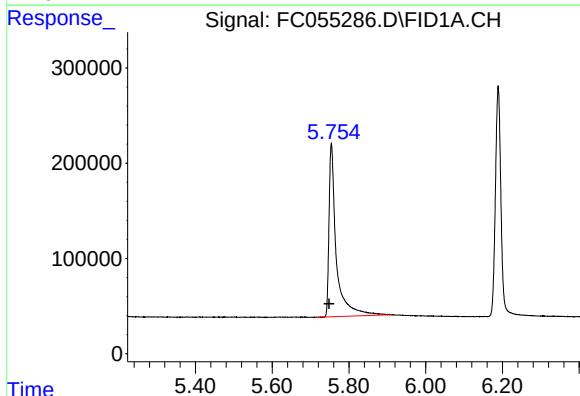
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2284368
Conc: 21.85 ug/ml



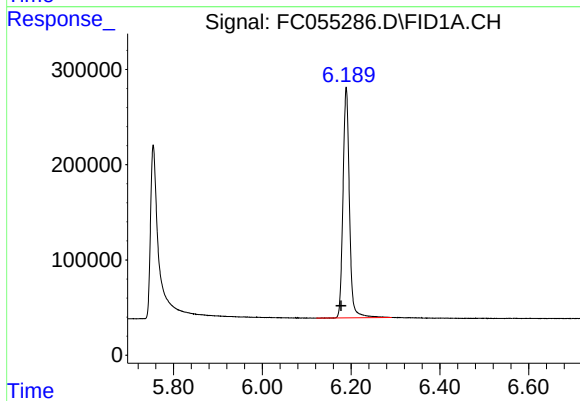
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.014 min
Response: 2353998
Conc: 22.35 ug/ml



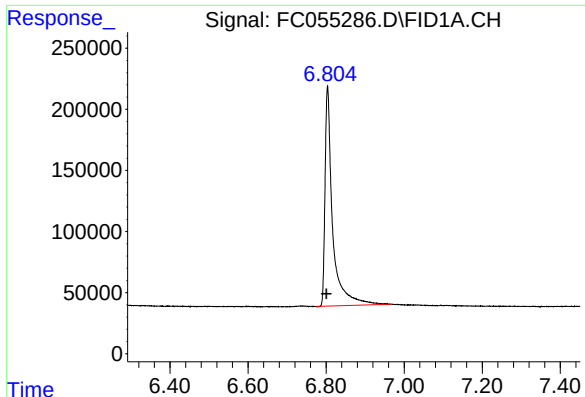
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: 0.006 min
Response: 2409491
Conc: 22.17 ug/ml



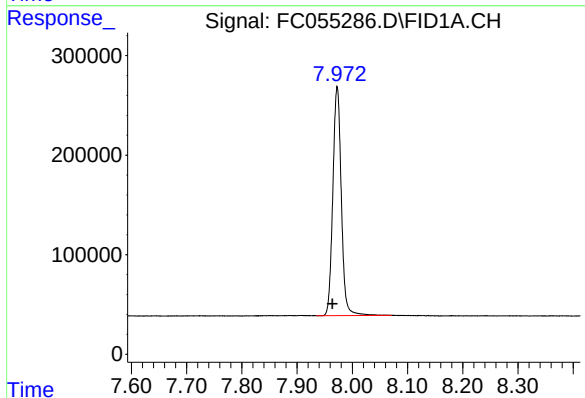
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: 0.012 min
Response: 2431886
Conc: 22.39 ug/ml



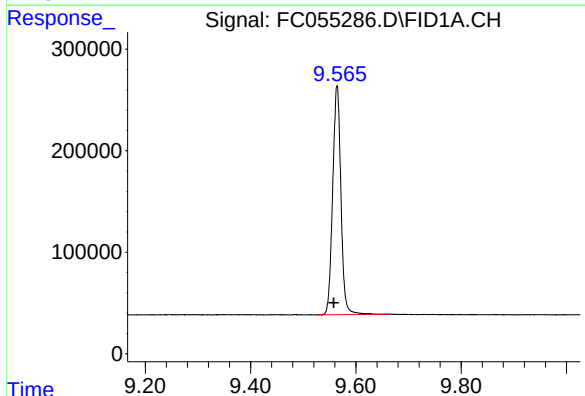
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.005 min
Response: 2439819
Conc: 22.36 ug/ml



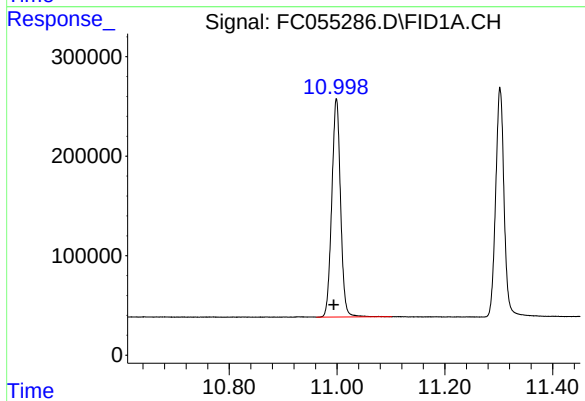
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: 0.009 min
Response: 2455764
Conc: 22.00 ug/ml



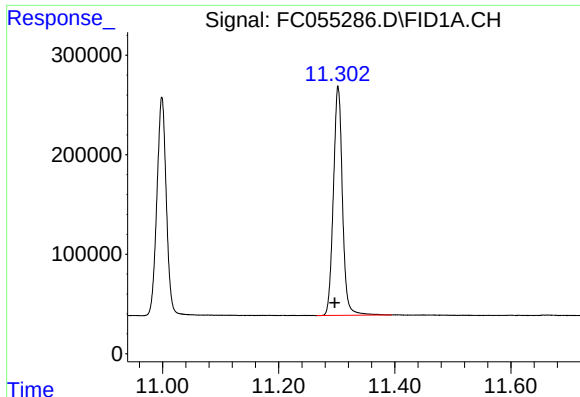
#7 n-Hexadecane (C16)

R.T.: 9.564 min
Delta R.T.: 0.006 min
Response: 2460116
Conc: 21.57 ug/ml



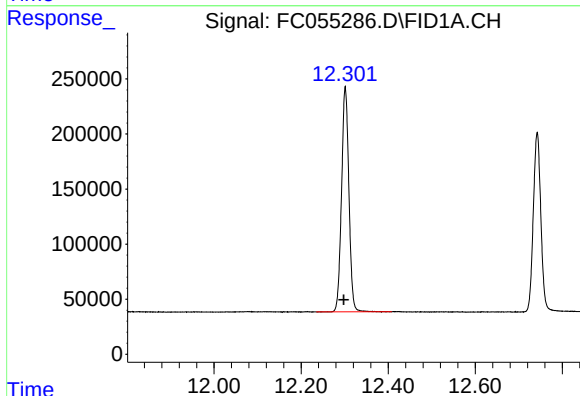
#8 n-Octadecane (C18)

R.T.: 10.999 min
Delta R.T.: 0.005 min
Response: 2475742
Conc: 20.99 ug/ml



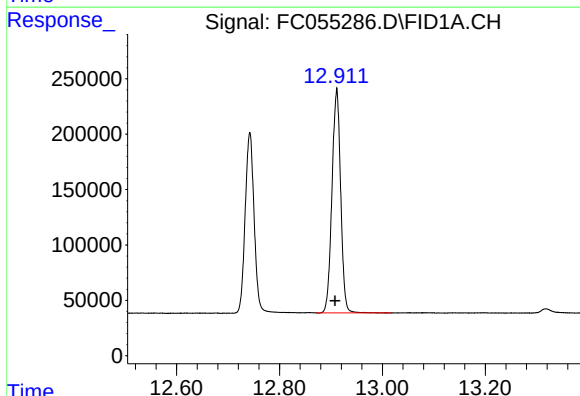
#9 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: 0.006 min
Response: 2501610
Conc: 19.87 ug/ml



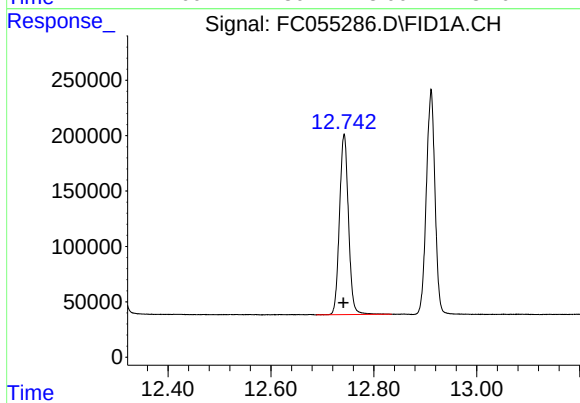
#10 n-Eicosane (C20)

R.T.: 12.302 min
Delta R.T.: 0.004 min
Response: 2388872
Conc: 20.35 ug/ml



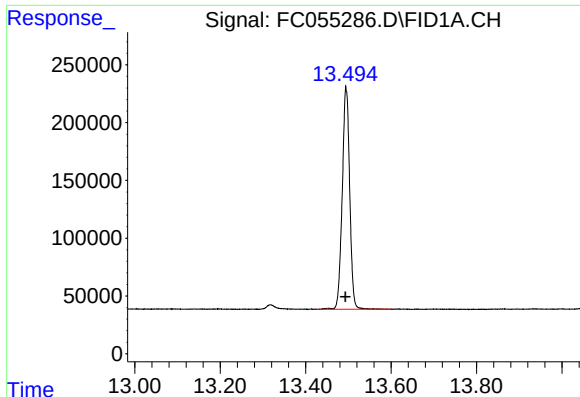
#11 n-Heneicosane (C21)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 2367994
Conc: 20.05 ug/ml



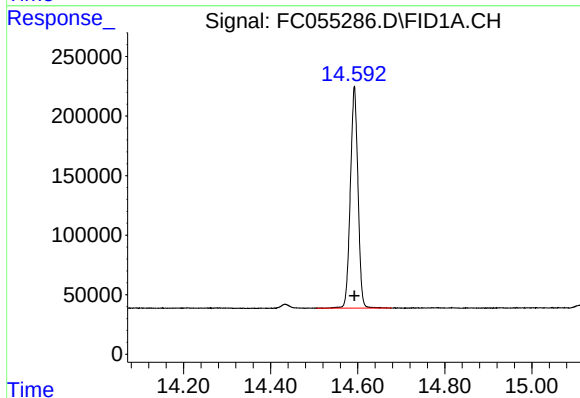
#12 1-chlorooctadecane (SURR)

R.T.: 12.742 min
Delta R.T.: 0.001 min
Response: 1969890
Conc: 19.88 ug/ml



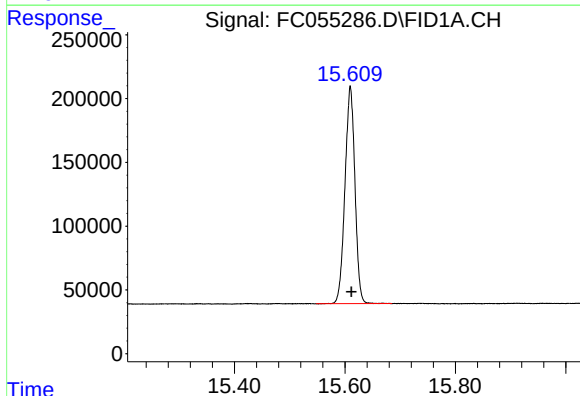
#13 n-Docosane (C22)

R.T.: 13.495 min
Delta R.T.: 0.002 min
Response: 2329563
Conc: 19.95 ug/ml



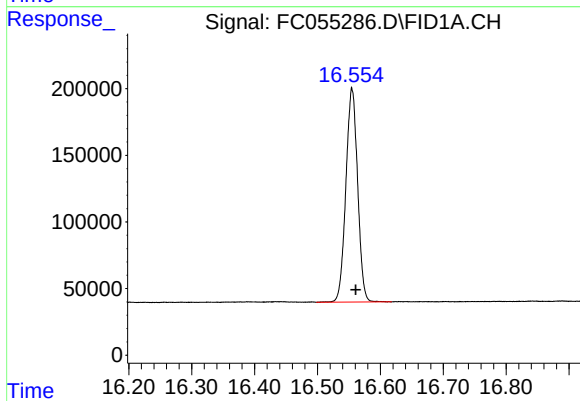
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 2259890
Conc: 19.52 ug/ml



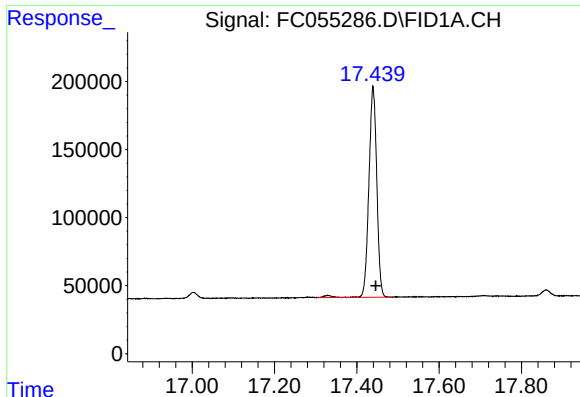
#15 n-Hexacosane (C26)

R.T.: 15.610 min
Delta R.T.: -0.002 min
Response: 2134050
Conc: 19.04 ug/ml



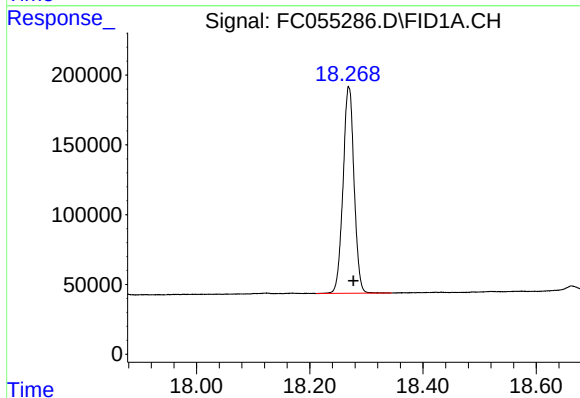
#16 n-Octacosane (C28)

R.T.: 16.555 min
Delta R.T.: -0.006 min
Response: 2081648
Conc: 19.17 ug/ml



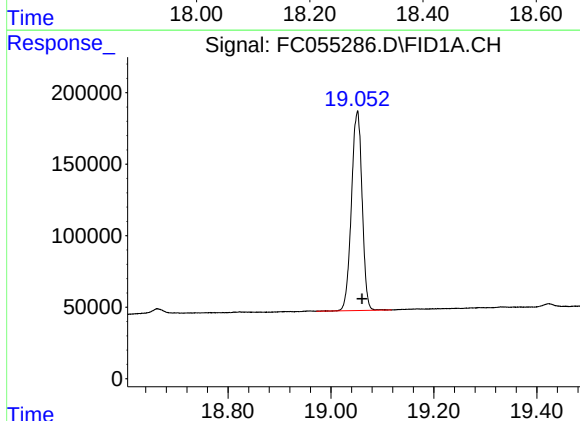
#17 n-Tricontane (C30)

R.T.: 17.439 min
Delta R.T.: -0.007 min
Response: 2063796
Conc: 19.77 ug/ml



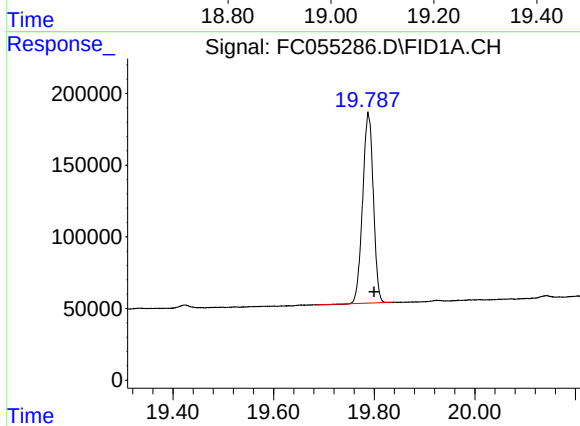
#18 n-Dotriacontane (C32)

R.T.: 18.269 min
Delta R.T.: -0.008 min
Response: 2008922
Conc: 20.29 ug/ml



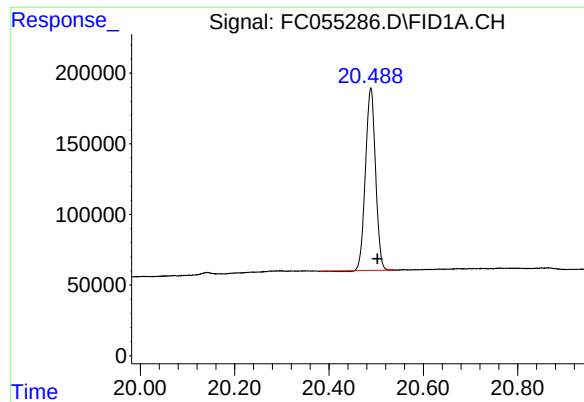
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min
Delta R.T.: -0.010 min
Response: 2002041
Conc: 21.12 ug/ml



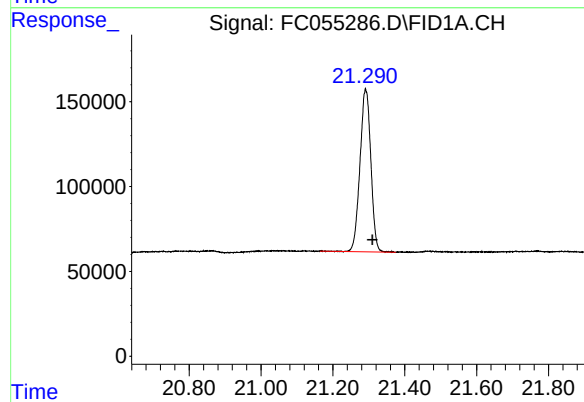
#20 n-Hexatriacontane (C36)

R.T.: 19.788 min
Delta R.T.: -0.011 min
Response: 1950297
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.488 min
Delta R.T.: -0.014 min
Response: 1910525
Conc: 22.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.291 min
Delta R.T.: -0.019 min
Response: 2008668
Conc: 22.56 ug/ml