

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081921AL\
 Data File : FC055297.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2021 12:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 19 13:49:07 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)	11.301	2516254	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	12.742	1981262	19.991 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.141	2288494	21.886 ug/ml
2) T n-Decane (C10)	4.190	2361371	22.424 ug/ml
3) T A~Naphthalene (C11.7)	5.755	2455964	22.603 ug/ml
4) T n-Dodecane (C12)	6.189	2446189	22.527 ug/ml
5) T A~2-methylnaphthalene...	6.804	2490750	22.822 ug/ml
6) T n-Tetradecane (C14)	7.972	2475341	22.173 ug/ml
7) T n-Hexadecane (C16)	9.564	2471983	21.674 ug/ml
8) T n-Octadecane (C18)	10.998	2492331	21.135 ug/ml
10) T n-Eicosane (C20)	12.301	2402861	20.467 ug/ml
11) T n-Heneicosane (C21)	12.911	2386985	20.216 ug/ml
13) T n-Docosane (C22)	13.494	2342993	20.061 ug/ml
14) T n-Tetracosane (C24)	14.592	2280955	19.706 ug/ml
15) T n-Hexacosane (C26)	15.609	2155525	19.234 ug/ml
16) T n-Octacosane (C28)	16.556	2116047	19.490 ug/ml
17) T n-Tricontane (C30)	17.439	2075047	19.874 ug/ml
18) T n-Dotriacontane (C32)	18.270	2043344	20.633 ug/ml
19) T n-Tetratriacontane (C34)	19.051	2041900	21.544 ug/ml
20) T n-Hexatriacontane (C36)	19.788	1993841	22.064 ug/ml
21) T n-Octatriacontane (C38)	20.489	1962791	22.716 ug/ml
22) T n-Tetracontane (C40)	21.290	2034818	22.849 ug/ml

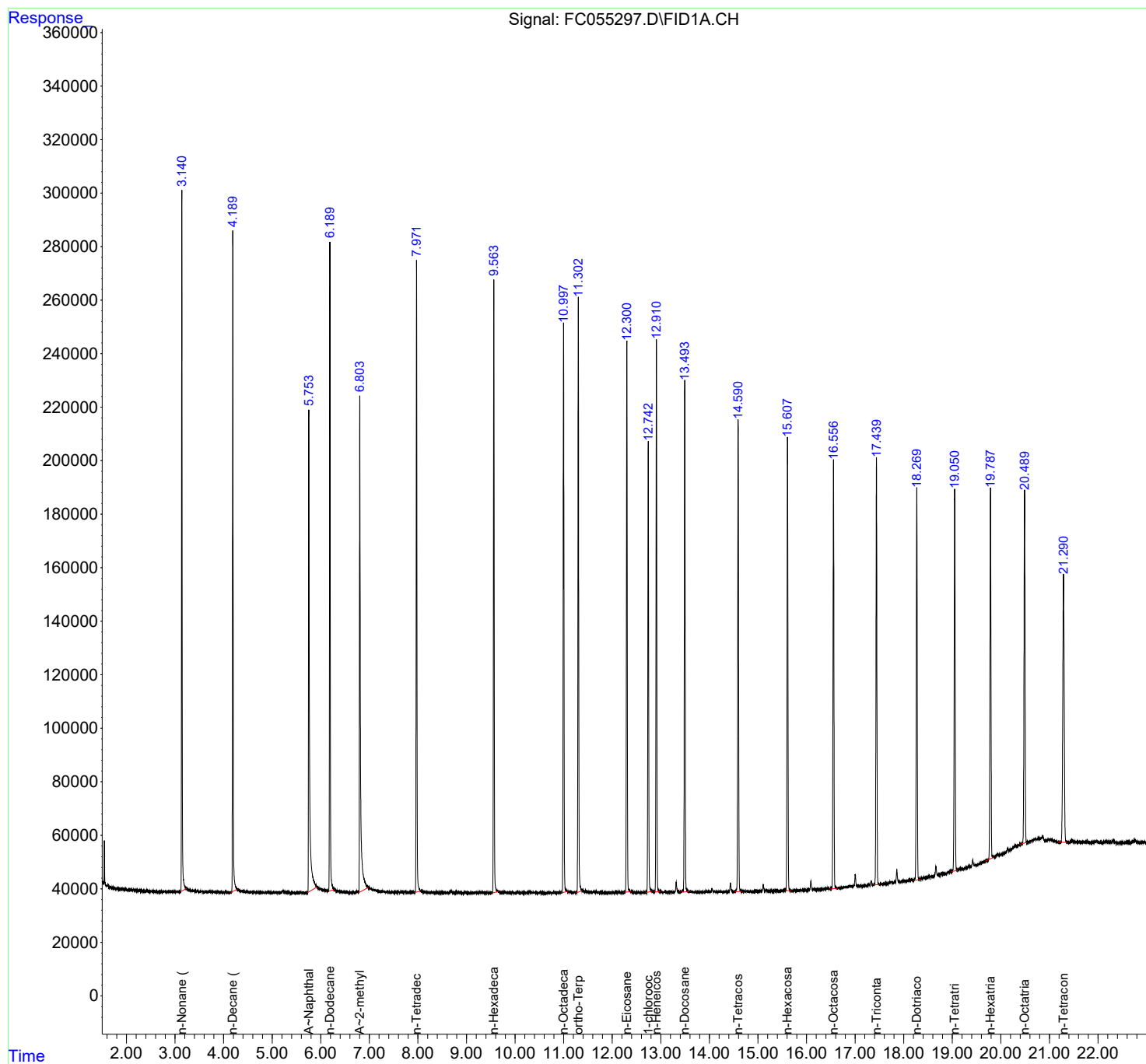
(f)=RT Delta > 1/2 Window

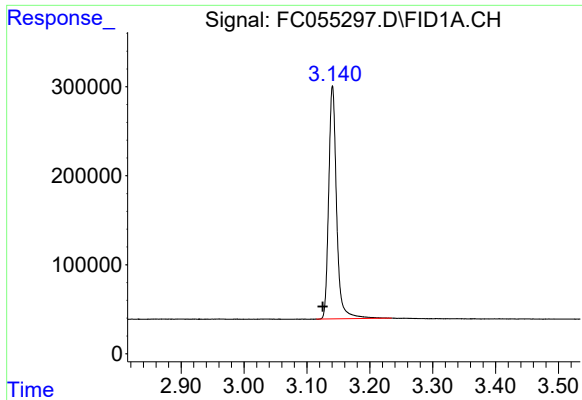
(m)=manual int.

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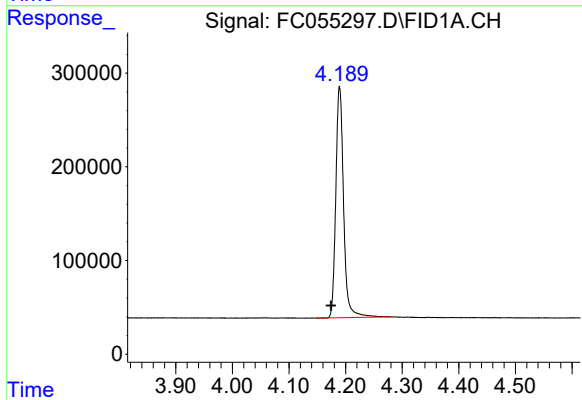
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





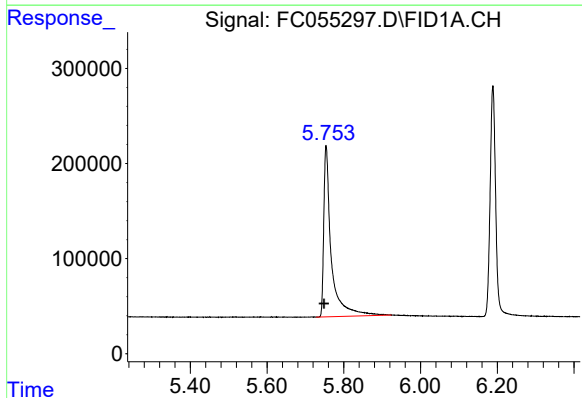
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: 0.016 min
Response: 2288494
Conc: 21.89 ug/ml



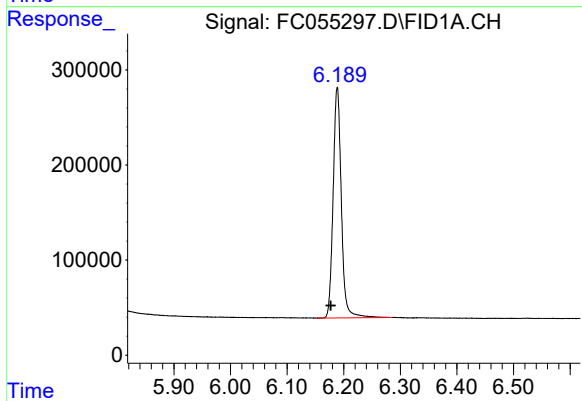
#2 n-Decane (C10)

R.T.: 4.190 min
Delta R.T.: 0.015 min
Response: 2361371
Conc: 22.42 ug/ml



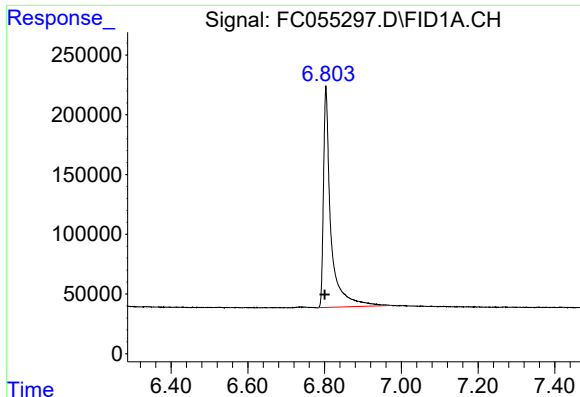
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: 0.006 min
Response: 2455964
Conc: 22.60 ug/ml



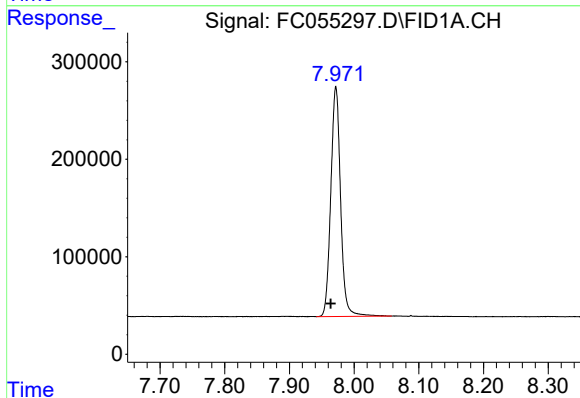
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: 0.012 min
Response: 2446189
Conc: 22.53 ug/ml



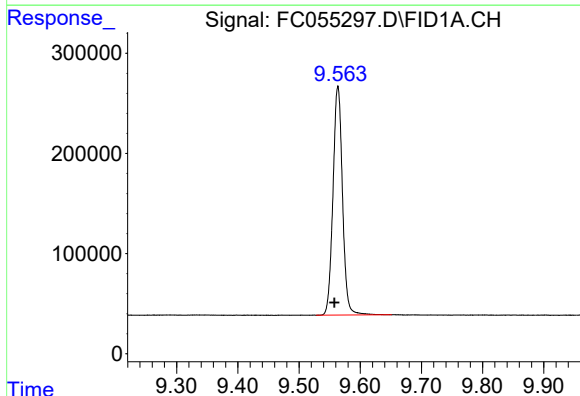
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.004 min
Response: 2490750
Conc: 22.82 ug/ml



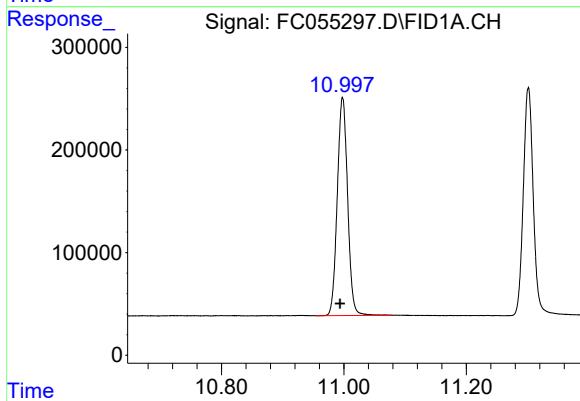
#6 n-Tetradecane (C14)

R.T.: 7.972 min
Delta R.T.: 0.008 min
Response: 2475341
Conc: 22.17 ug/ml



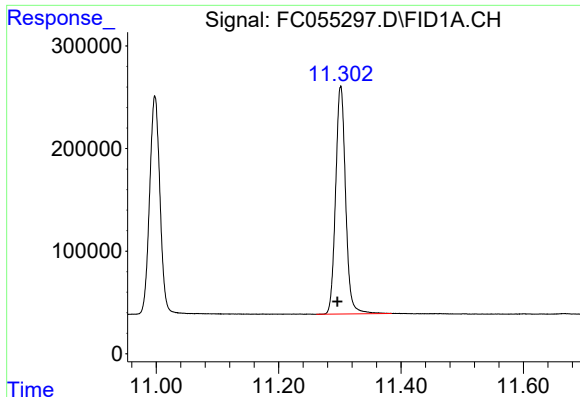
#7 n-Hexadecane (C16)

R.T.: 9.564 min
Delta R.T.: 0.006 min
Response: 2471983
Conc: 21.67 ug/ml



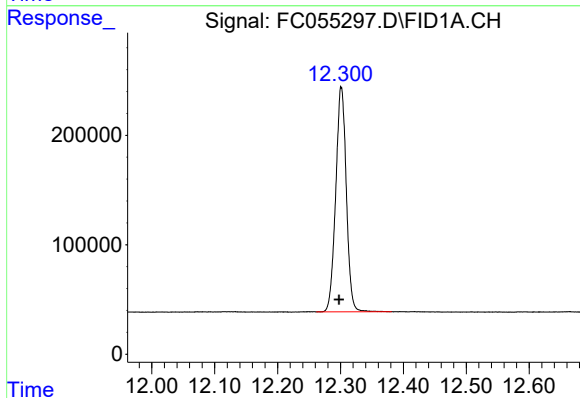
#8 n-Octadecane (C18)

R.T.: 10.998 min
Delta R.T.: 0.004 min
Response: 2492331
Conc: 21.14 ug/ml



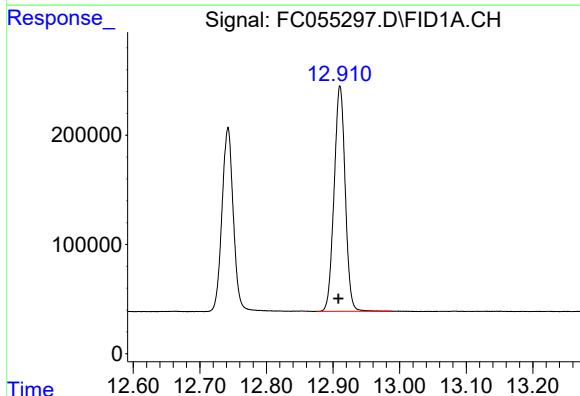
#9 ortho-Terphenyl (SURR)

R.T.: 11.301 min
Delta R.T.: 0.005 min
Response: 2516254
Conc: 19.99 ug/ml



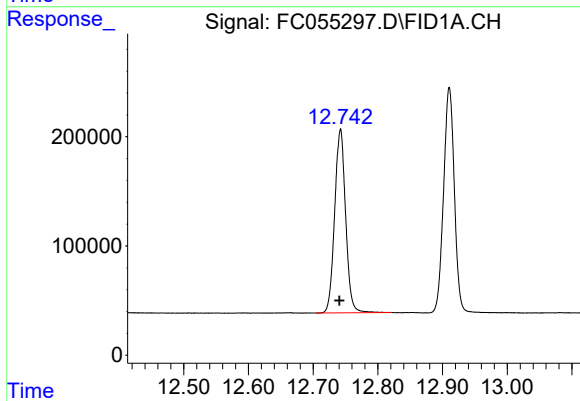
#10 n-Eicosane (C20)

R.T.: 12.301 min
Delta R.T.: 0.004 min
Response: 2402861
Conc: 20.47 ug/ml



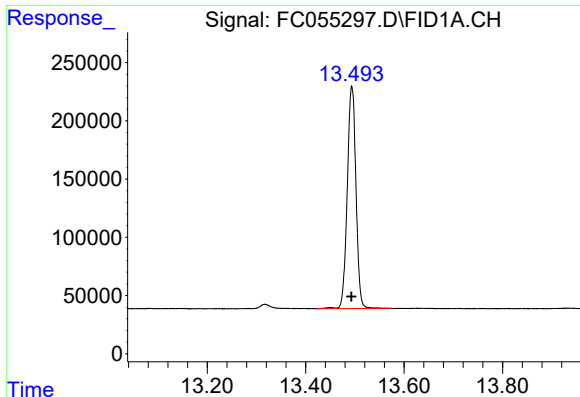
#11 n-Heneicosane (C21)

R.T.: 12.911 min
Delta R.T.: 0.002 min
Response: 2386985
Conc: 20.22 ug/ml



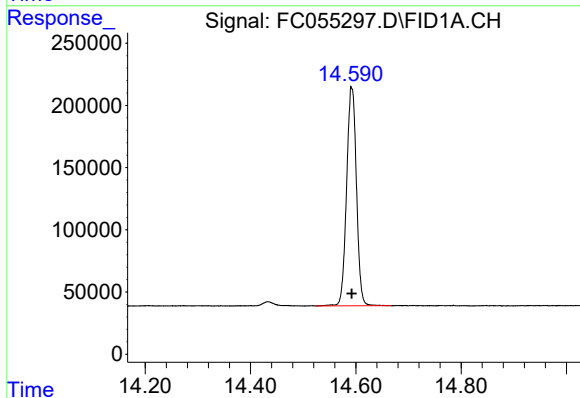
#12 1-chlorooctadecane (SURR)

R.T.: 12.742 min
Delta R.T.: 0.001 min
Response: 1981262
Conc: 19.99 ug/ml



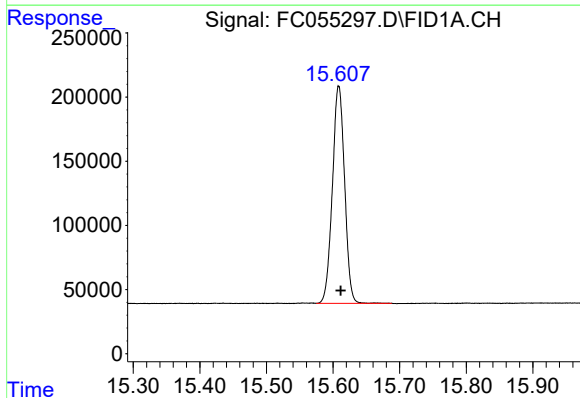
#13 n-Docosane (C22)

R.T.: 13.494 min
Delta R.T.: 0.000 min
Response: 2342993
Conc: 20.06 ug/ml



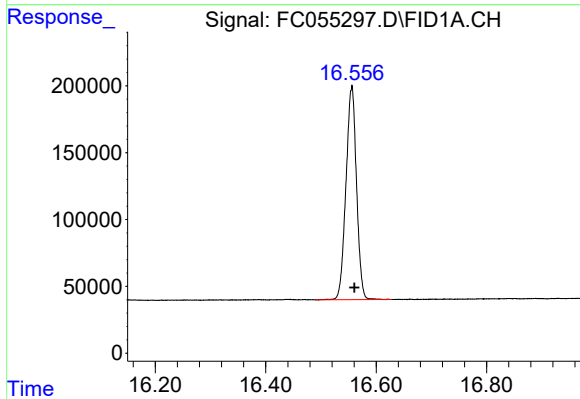
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 2280955
Conc: 19.71 ug/ml



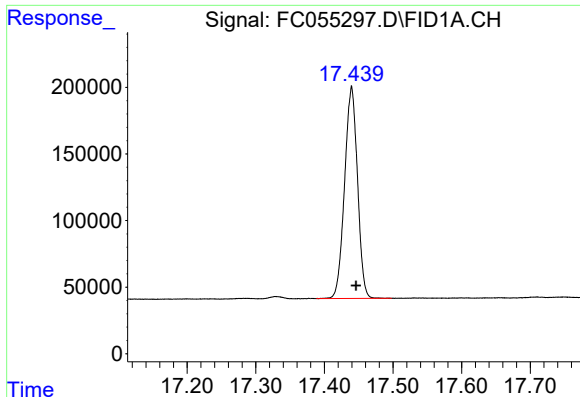
#15 n-Hexacosane (C26)

R.T.: 15.609 min
Delta R.T.: -0.003 min
Response: 2155525
Conc: 19.23 ug/ml



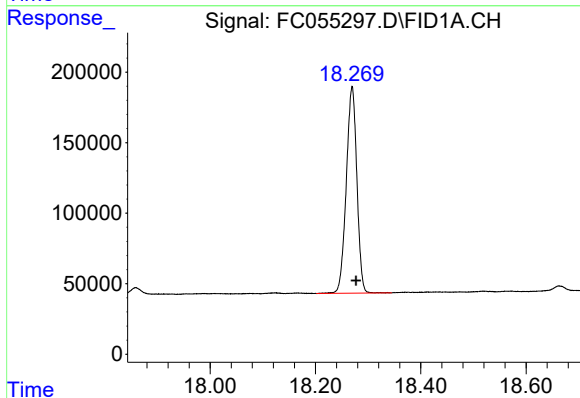
#16 n-Octacosane (C28)

R.T.: 16.556 min
Delta R.T.: -0.005 min
Response: 2116047
Conc: 19.49 ug/ml



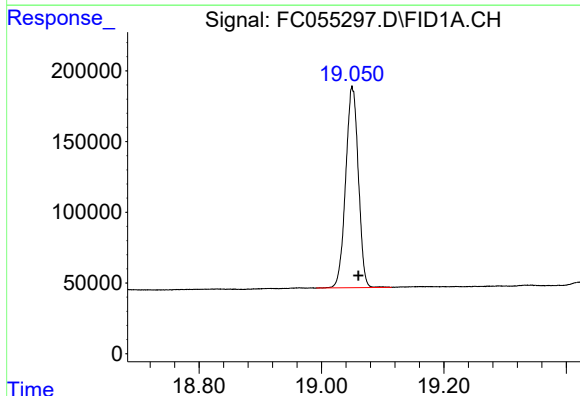
#17 n-Tricontane (C30)

R.T.: 17.439 min
Delta R.T.: -0.007 min
Response: 2075047
Conc: 19.87 ug/ml



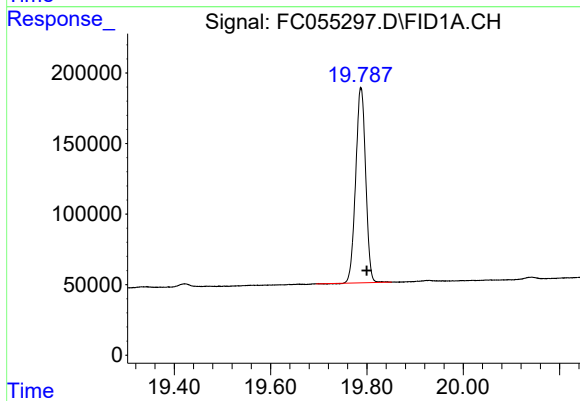
#18 n-Dotriacontane (C32)

R.T.: 18.270 min
Delta R.T.: -0.008 min
Response: 2043344
Conc: 20.63 ug/ml



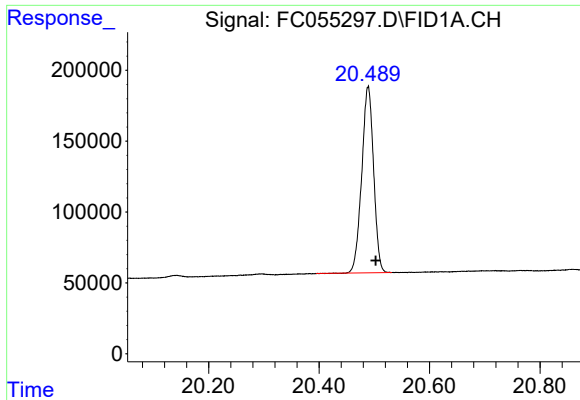
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min
Delta R.T.: -0.010 min
Response: 2041900
Conc: 21.54 ug/ml



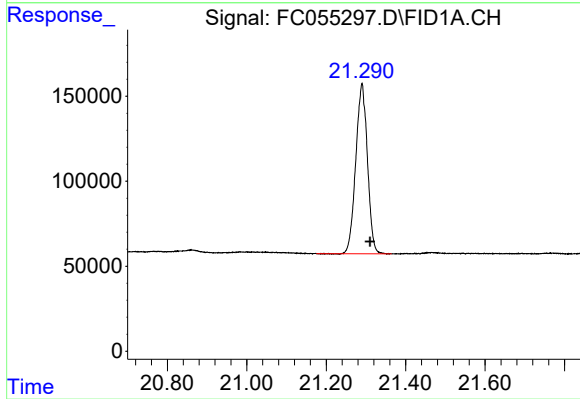
#20 n-Hexatriacontane (C36)

R.T.: 19.788 min
Delta R.T.: -0.012 min
Response: 1993841
Conc: 22.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.489 min
Delta R.T.: -0.014 min
Response: 1962791
Conc: 22.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.290 min
Delta R.T.: -0.020 min
Response: 2034818
Conc: 22.85 ug/ml