

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082521AL\
 Data File : FC055388.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2021 23:38
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 26 01:14:21 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)	11.299	2234374	17.747 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
12) S 1-chlorooctadecane (S...	12.738	1735190	17.508 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
Target Compounds			
1) T n-Nonane (C9)	3.140	2186618	20.911 ug/ml
2) T n-Decane (C10)	4.188	2245077	21.319 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2240878	20.623 ug/ml
4) T n-Dodecane (C12)	6.187	2303626	21.214 ug/ml
5) T A~2-methylnaphthalene...	6.803	2273725	20.833 ug/ml
6) T n-Tetradecane (C14)	7.970	2285132	20.469 ug/ml
7) T n-Hexadecane (C16)	9.561	2246995	19.701 ug/ml
8) T n-Octadecane (C18)	10.996	2225333	18.871 ug/ml
10) T n-Eicosane (C20)	12.298	2120815	18.064 ug/ml
11) T n-Heneicosane (C21)	12.907	2100463	17.789 ug/ml
13) T n-Docosane (C22)	13.491	2040534	17.471 ug/ml
14) T n-Tetracosane (C24)	14.590	1975047	17.063 ug/ml
15) T n-Hexacosane (C26)	15.607	1925016	17.177 ug/ml
16) T n-Octacosane (C28)	16.553	1906741	17.562 ug/ml
17) T n-Tricontane (C30)	17.437	1906105	18.256 ug/ml
18) T n-Dotriacontane (C32)	18.268	1898535	19.171 ug/ml
19) T n-Tetratriacontane (C34)	19.050	1918166	20.238 ug/ml
20) T n-Hexatriacontane (C36)	19.785	1911339	21.151 ug/mlm
21) T n-Octatriacontane (C38)	20.488	1872585	21.672 ug/ml
22) T n-Tetracontane (C40)	21.290	1972974	22.155 ug/mlm

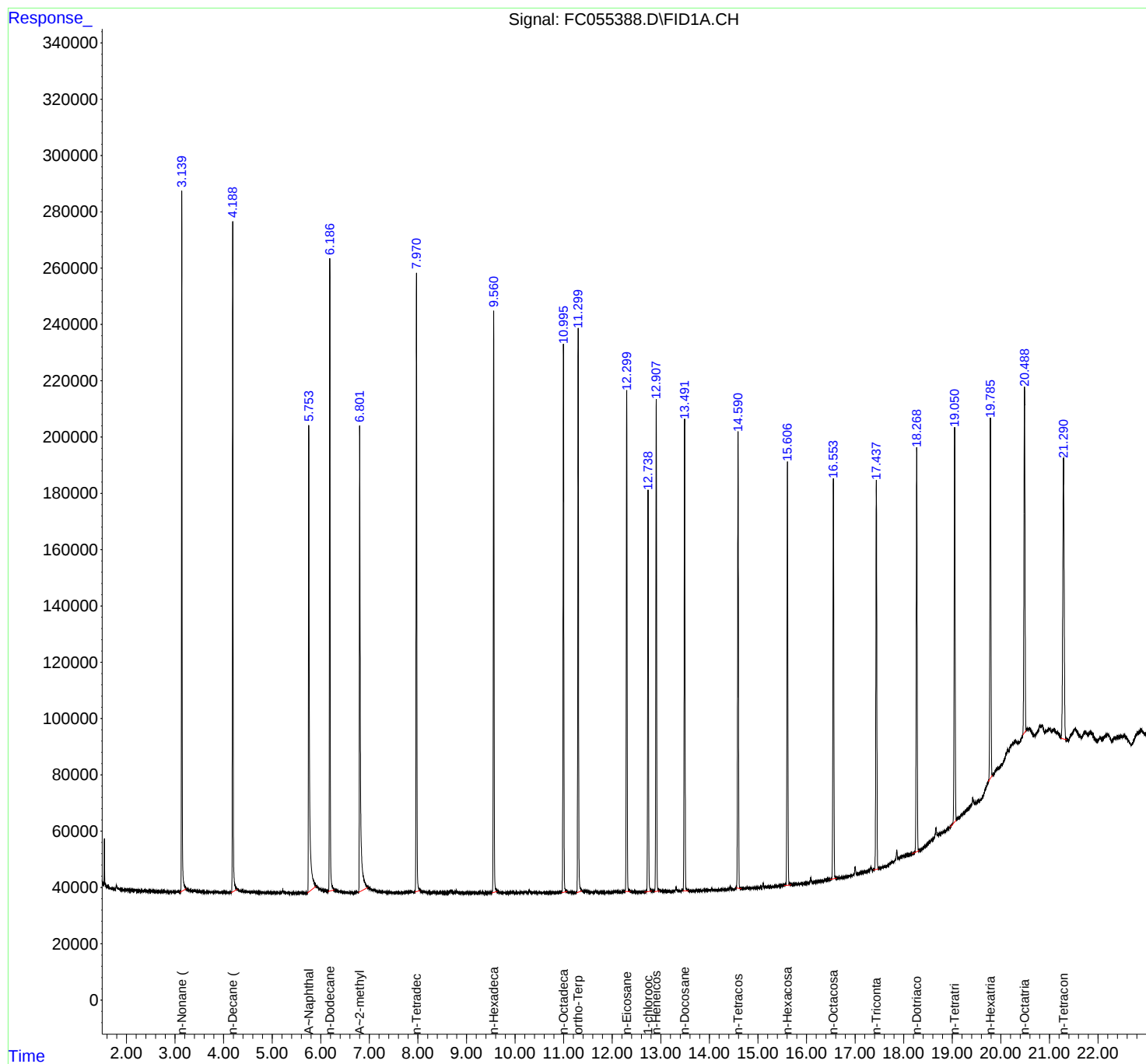
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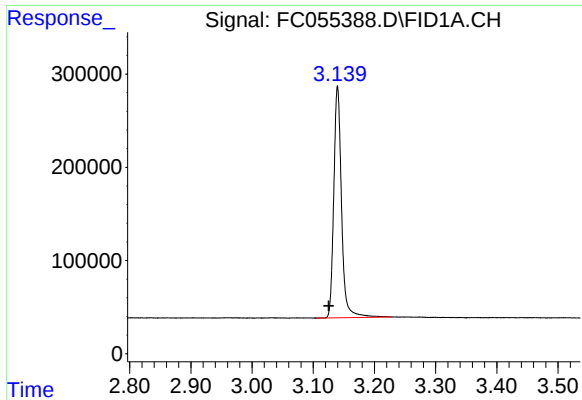
(m)=manual int.

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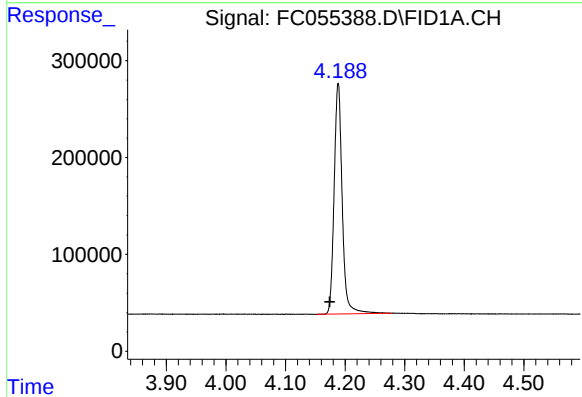
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





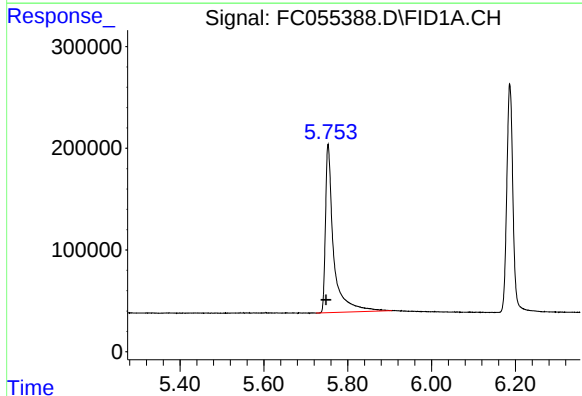
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2186618
Conc: 20.91 ug/ml



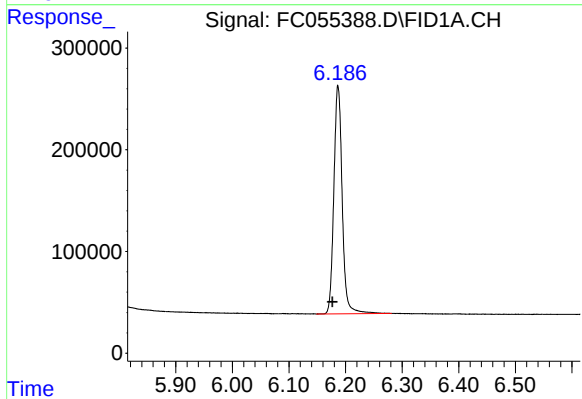
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.014 min
Response: 2245077
Conc: 21.32 ug/ml



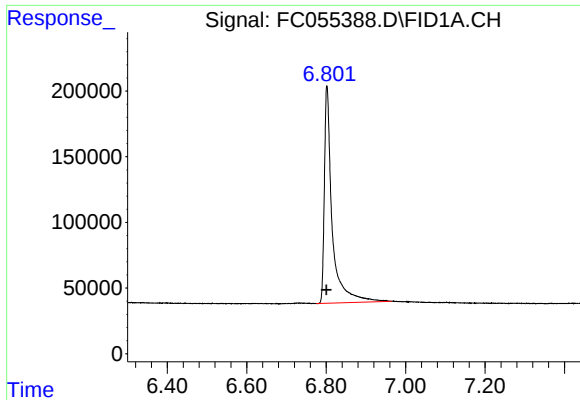
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 2240878
Conc: 20.62 ug/ml



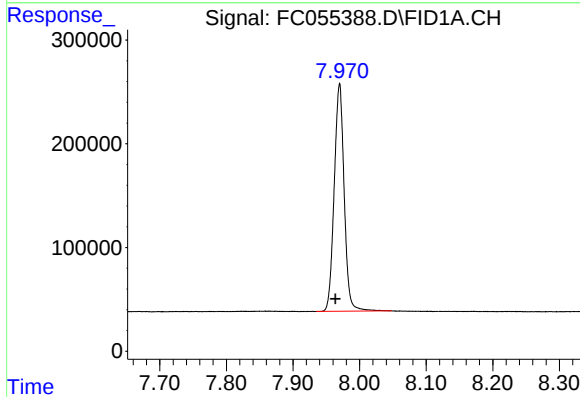
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: 0.010 min
Response: 2303626
Conc: 21.21 ug/ml



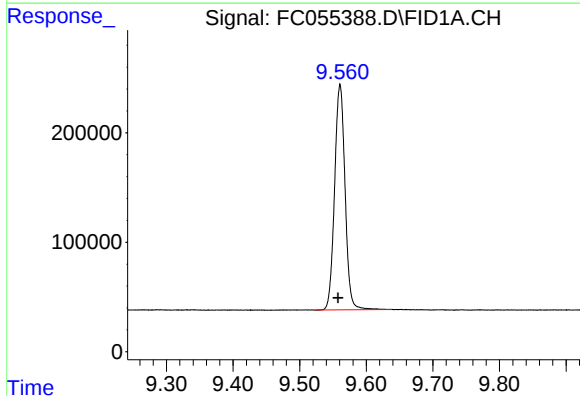
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 2273725
Conc: 20.83 ug/ml



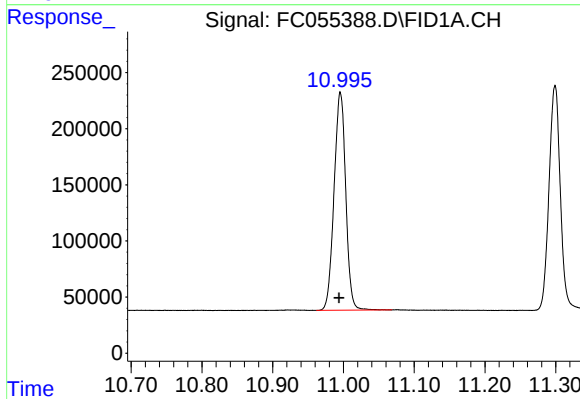
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.006 min
Response: 2285132
Conc: 20.47 ug/ml



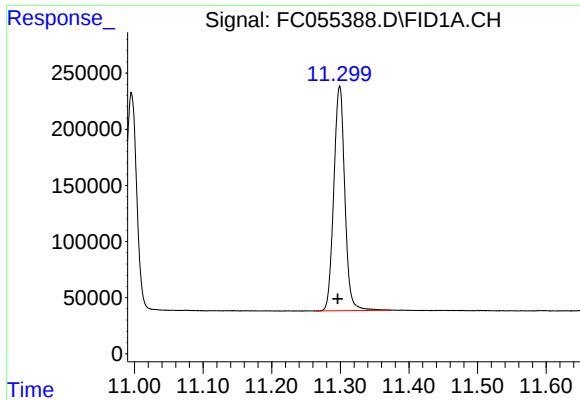
#7 n-Hexadecane (C16)

R.T.: 9.561 min
Delta R.T.: 0.003 min
Response: 2246995
Conc: 19.70 ug/ml



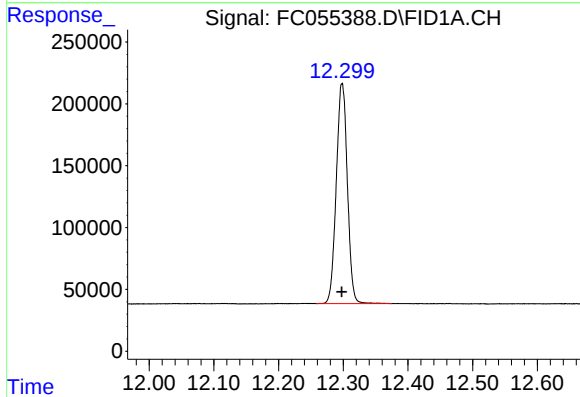
#8 n-Octadecane (C18)

R.T.: 10.996 min
Delta R.T.: 0.002 min
Response: 2225333
Conc: 18.87 ug/ml



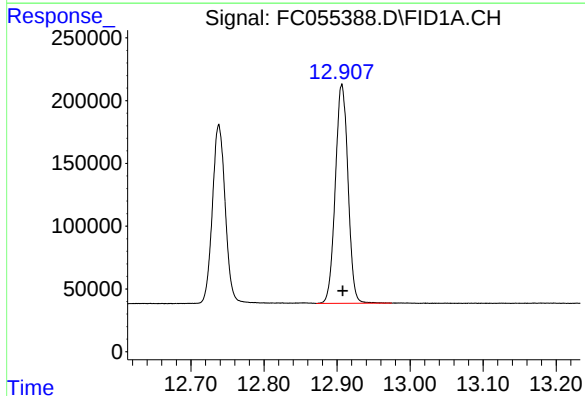
#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: 0.003 min
Response: 2234374
Conc: 17.75 ug/ml



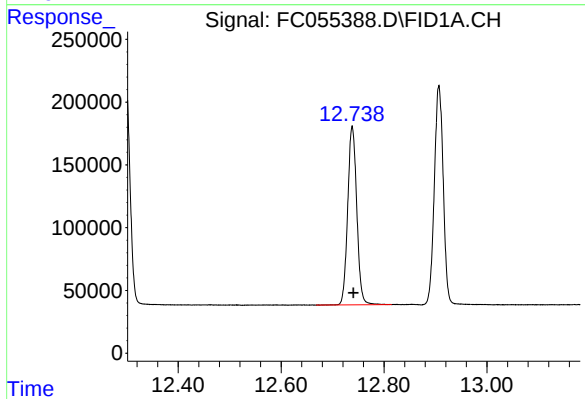
#10 n-Eicosane (C20)

R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 2120815
Conc: 18.06 ug/ml



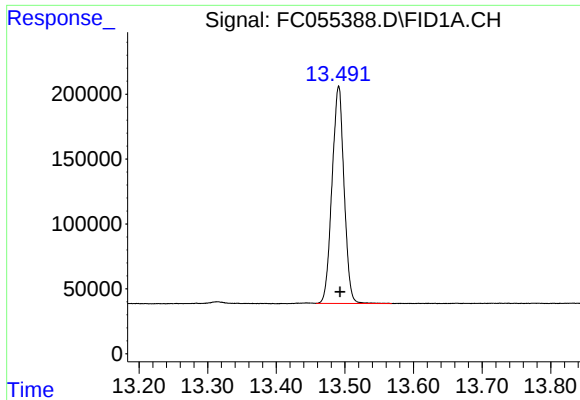
#11 n-Heneicosane (C21)

R.T.: 12.907 min
Delta R.T.: -0.001 min
Response: 2100463
Conc: 17.79 ug/ml



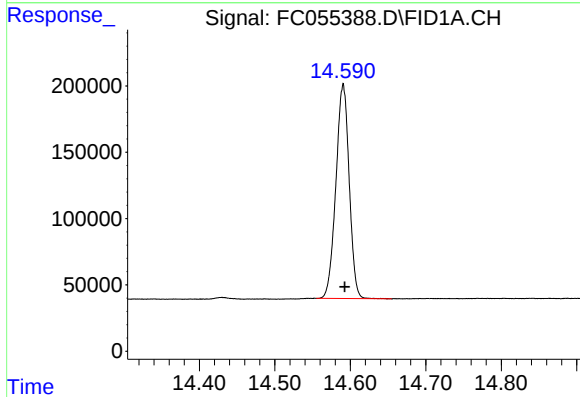
#12 1-chlorooctadecane (SURR)

R.T.: 12.738 min
Delta R.T.: -0.002 min
Response: 1735190
Conc: 17.51 ug/ml



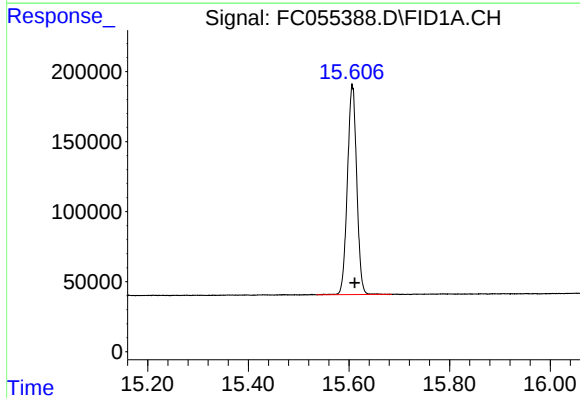
#13 n-Docosane (C22)

R.T.: 13.491 min
Delta R.T.: -0.002 min
Response: 2040534
Conc: 17.47 ug/ml



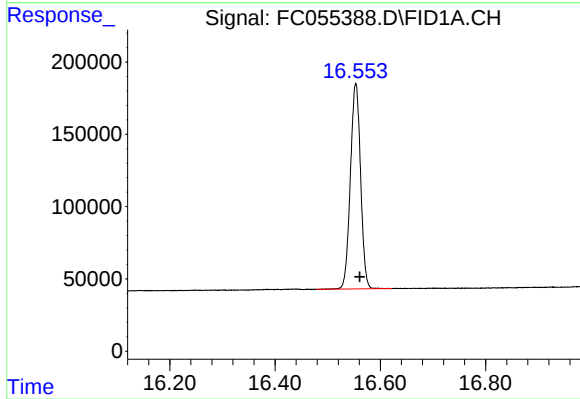
#14 n-Tetracosane (C24)

R.T.: 14.590 min
Delta R.T.: -0.002 min
Response: 1975047
Conc: 17.06 ug/ml



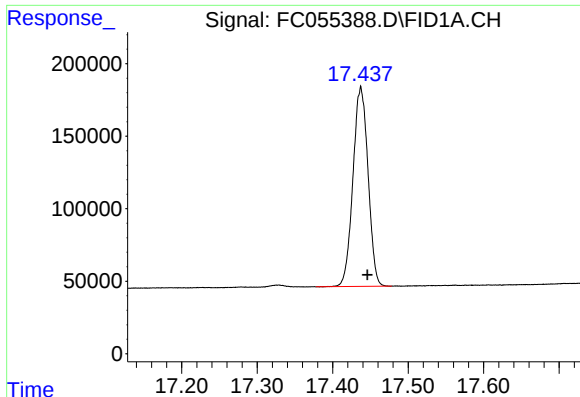
#15 n-Hexacosane (C26)

R.T.: 15.607 min
Delta R.T.: -0.005 min
Response: 1925016
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.553 min
Delta R.T.: -0.007 min
Response: 1906741
Conc: 17.56 ug/ml



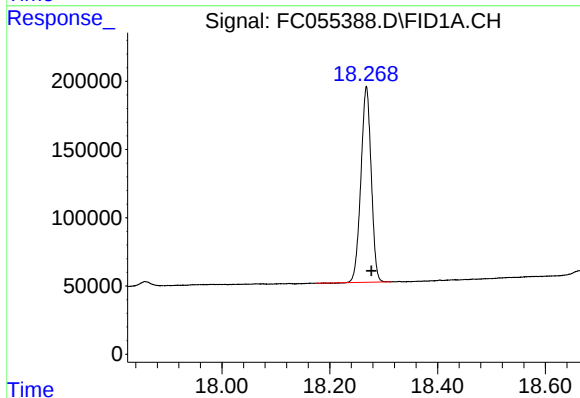
#17 n-Tricontane (C30)

R.T.: 17.437 min

Delta R.T.: -0.009 min

Response: 1906105

Conc: 18.26 ug/ml



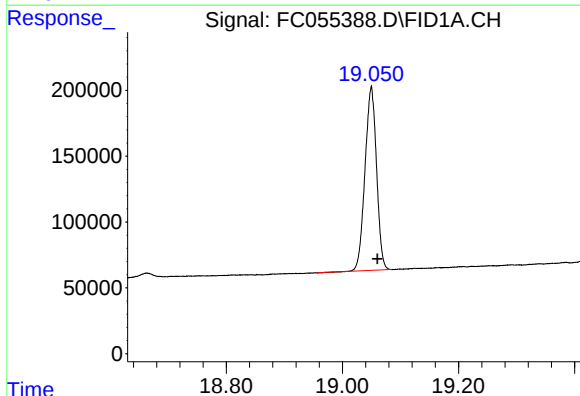
#18 n-Dotriacontane (C32)

R.T.: 18.268 min

Delta R.T.: -0.009 min

Response: 1898535

Conc: 19.17 ug/ml



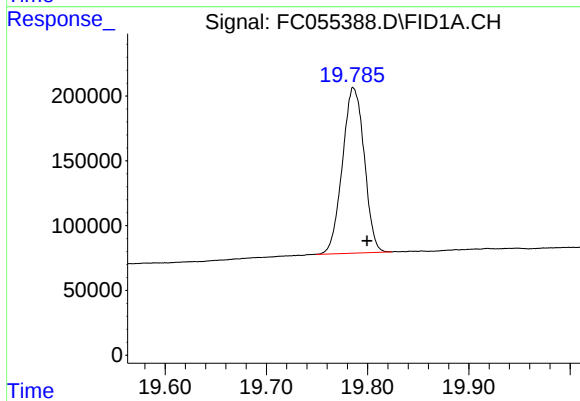
#19 n-Tetratriacontane (C34)

R.T.: 19.050 min

Delta R.T.: -0.011 min

Response: 1918166

Conc: 20.24 ug/ml



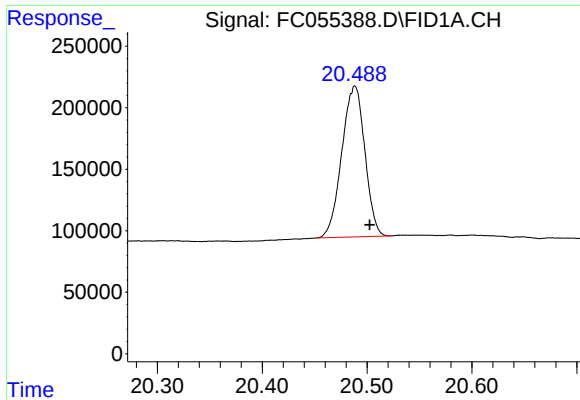
#20 n-Hexatriacontane (C36)

R.T.: 19.785 min

Delta R.T.: -0.014 min

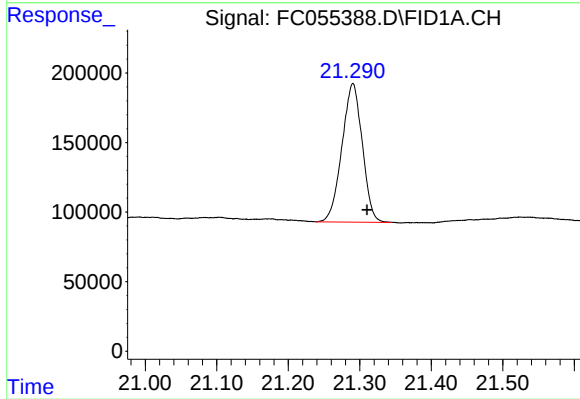
Response: 1911339

Conc: 21.15 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.488 min
Delta R.T.: -0.015 min
Response: 1872585
Conc: 21.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.290 min
Delta R.T.: -0.020 min
Response: 1972974
Conc: 22.15 ug/ml m