

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082421AL\
 Data File : FC055371.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2021 3:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 25 05:09:22 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)	11.300	2209480	17.550 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	12.739	1725257	17.408 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
Target Compounds			
1) T n-Nonane (C9)	3.139	2121653	20.290 ug/ml
2) T n-Decane (C10)	4.188	2165300	20.562 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2166362	19.937 ug/ml
4) T n-Dodecane (C12)	6.187	2222047	20.463 ug/ml
5) T A~2-methylnaphthalene...	6.804	2185488	20.025 ug/ml
6) T n-Tetradecane (C14)	7.971	2224083	19.923 ug/ml
7) T n-Hexadecane (C16)	9.562	2208225	19.361 ug/ml
8) T n-Octadecane (C18)	10.996	2201001	18.665 ug/ml
10) T n-Eicosane (C20)	12.299	2101029	17.896 ug/ml
11) T n-Heneicosane (C21)	12.908	2083205	17.643 ug/ml
13) T n-Docosane (C22)	13.492	2022922	17.320 ug/ml
14) T n-Tetracosane (C24)	14.590	1973628	17.051 ug/ml
15) T n-Hexacosane (C26)	15.607	1886857	16.836 ug/ml
16) T n-Octacosane (C28)	16.553	1874430	17.264 ug/ml
17) T n-Tricontane (C30)	17.438	1855118	17.768 ug/ml
18) T n-Dotriacontane (C32)	18.268	1845401	18.634 ug/ml
19) T n-Tetratriacontane (C34)	19.049	1859657	19.621 ug/ml
20) T n-Hexatriacontane (C36)	19.786	1836535	20.324 ug/ml
21) T n-Octatriacontane (C38)	20.487	1843368	21.334 ug/ml
22) T n-Tetracontane (C40)	21.289	1936178	21.741 ug/ml

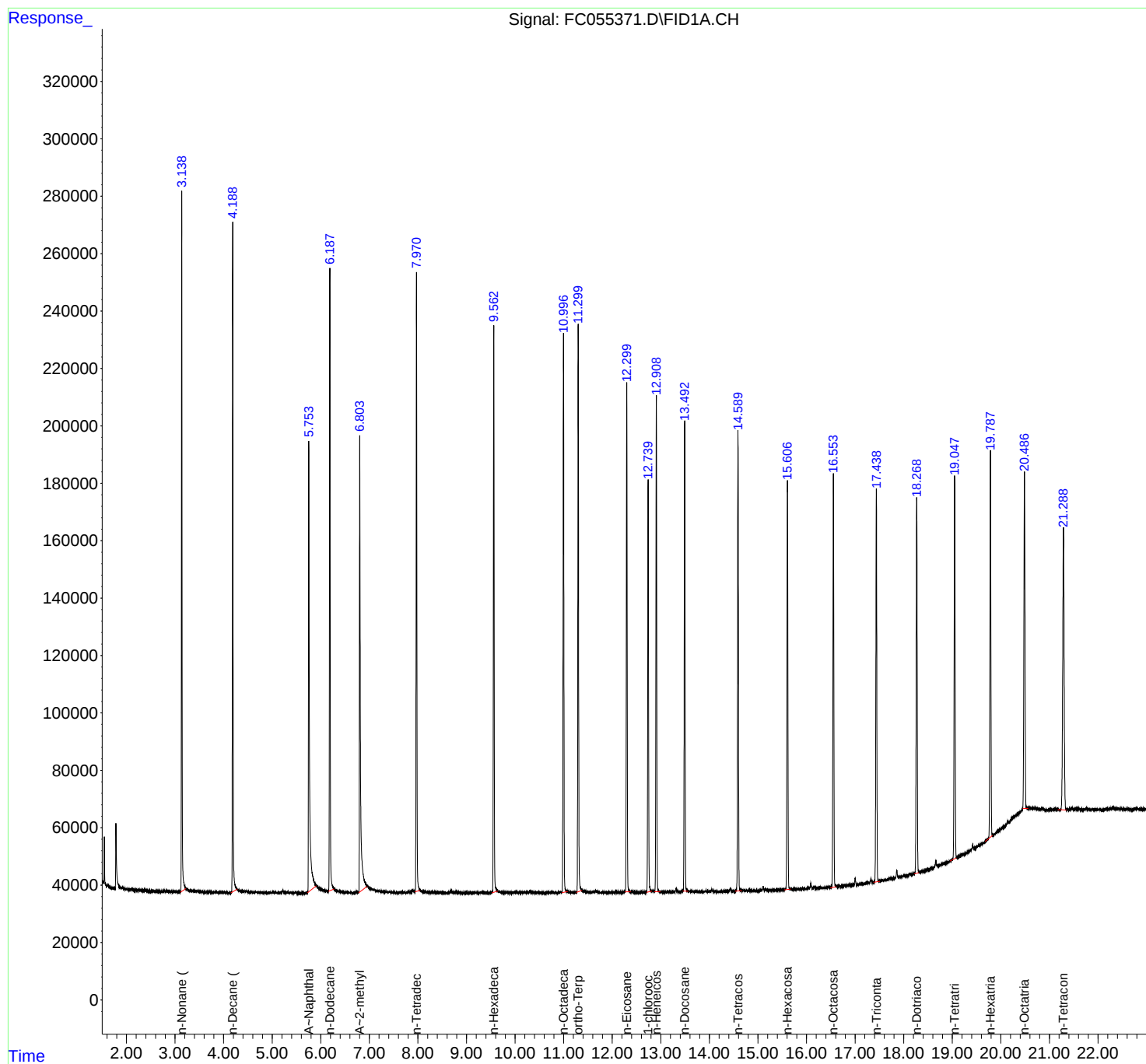
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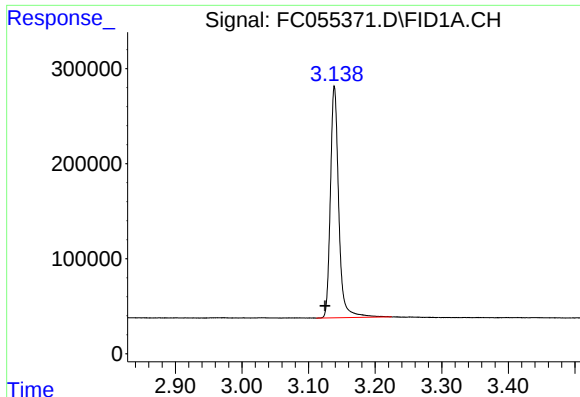
(m)=manual int.

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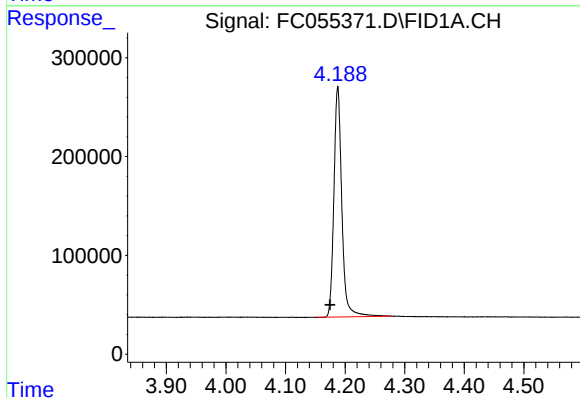
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Signal Info : 20M x 0.18mm x 0.18um





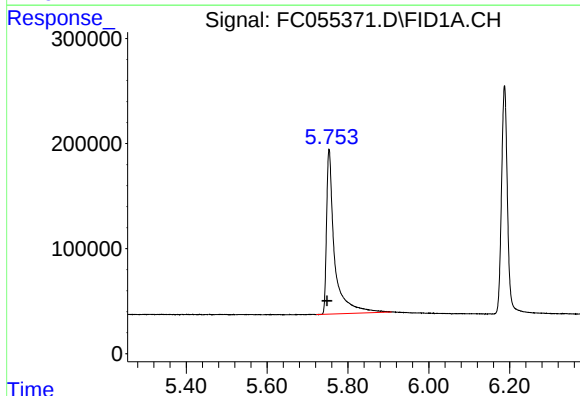
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: 0.014 min
Response: 2121653
Conc: 20.29 ug/ml



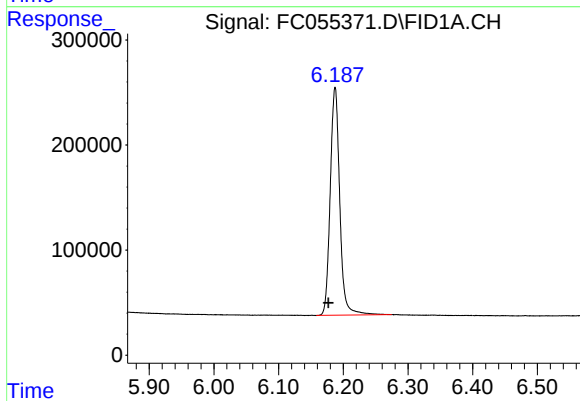
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.013 min
Response: 2165300
Conc: 20.56 ug/ml



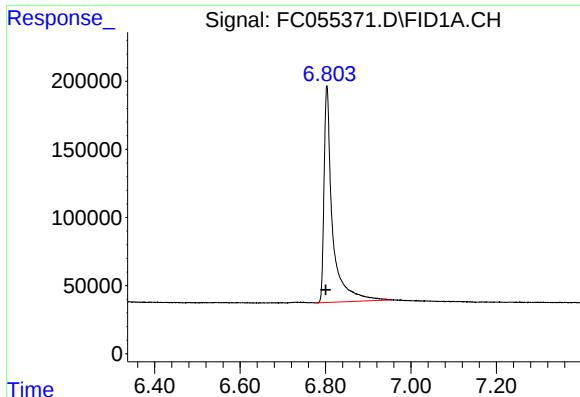
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 2166362
Conc: 19.94 ug/ml



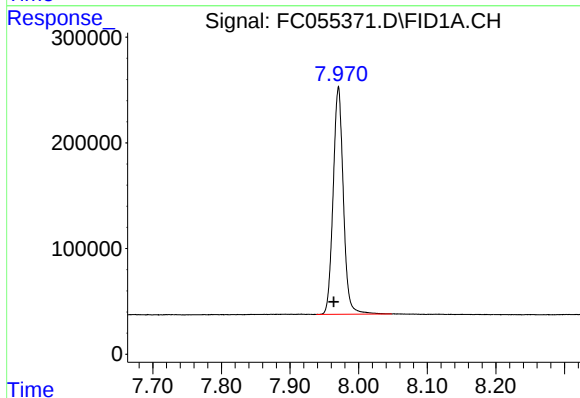
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: 0.010 min
Response: 2222047
Conc: 20.46 ug/ml



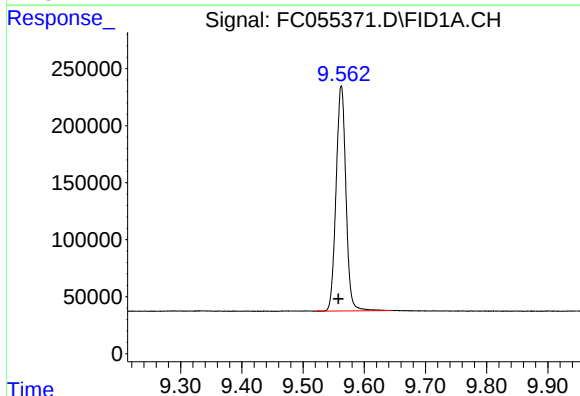
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2185488
Conc: 20.02 ug/ml



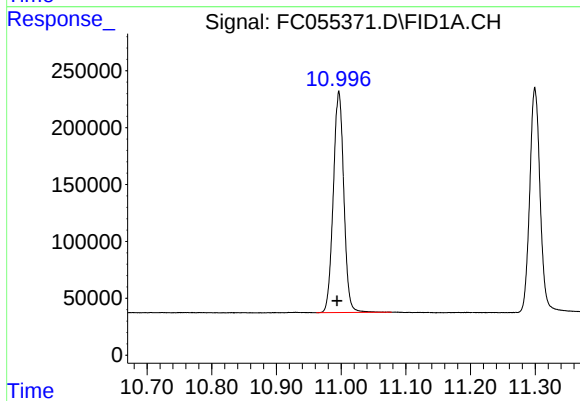
#6 n-Tetradecane (C14)

R.T.: 7.971 min
Delta R.T.: 0.007 min
Response: 2224083
Conc: 19.92 ug/ml



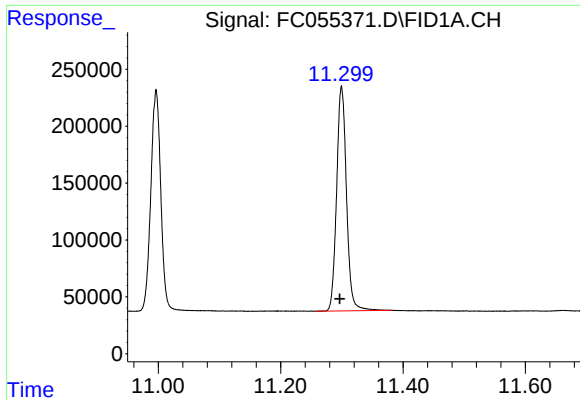
#7 n-Hexadecane (C16)

R.T.: 9.562 min
Delta R.T.: 0.004 min
Response: 2208225
Conc: 19.36 ug/ml



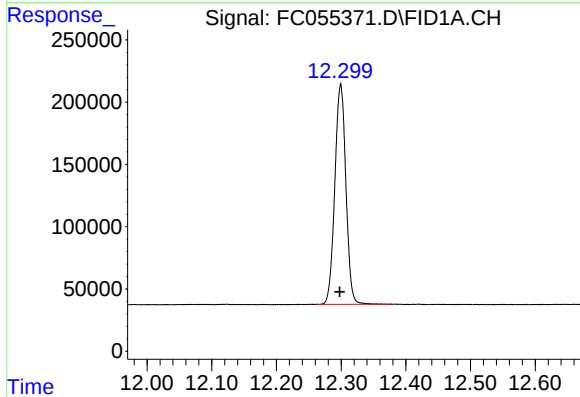
#8 n-Octadecane (C18)

R.T.: 10.996 min
Delta R.T.: 0.003 min
Response: 2201001
Conc: 18.66 ug/ml



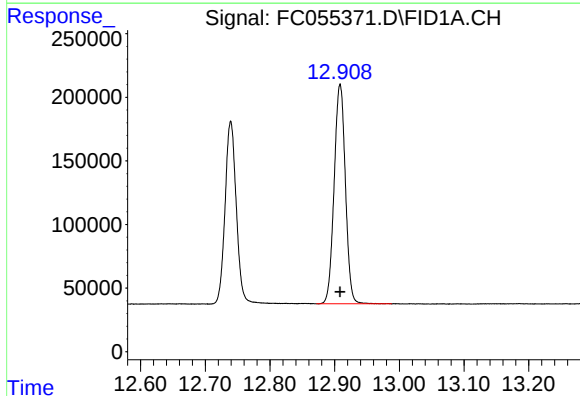
#9 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.003 min
Response: 2209480
Conc: 17.55 ug/ml



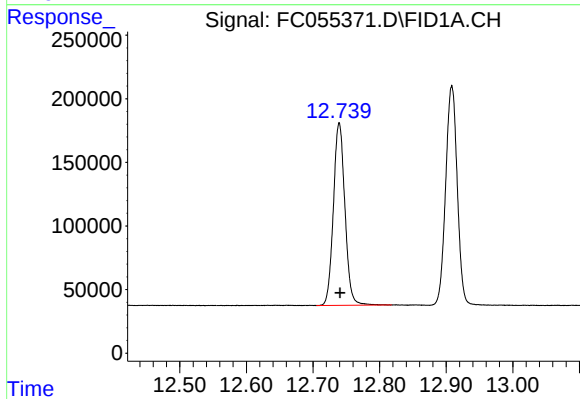
#10 n-Eicosane (C20)

R.T.: 12.299 min
Delta R.T.: 0.001 min
Response: 2101029
Conc: 17.90 ug/ml



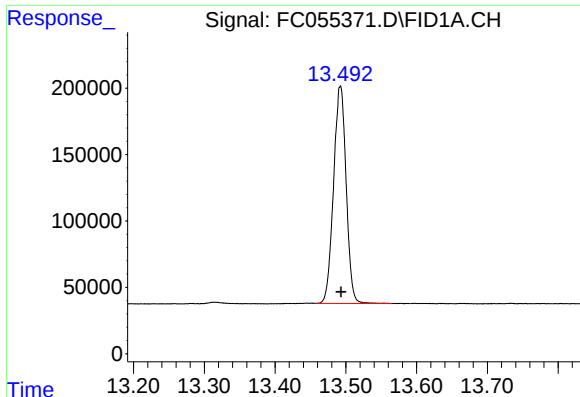
#11 n-Heneicosane (C21)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2083205
Conc: 17.64 ug/ml



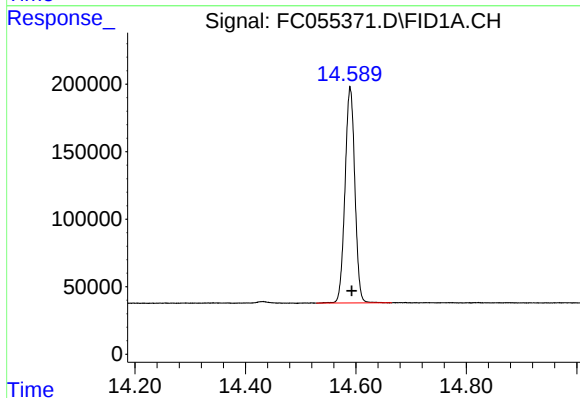
#12 1-chlorooctadecane (SURR)

R.T.: 12.739 min
Delta R.T.: -0.001 min
Response: 1725257
Conc: 17.41 ug/ml



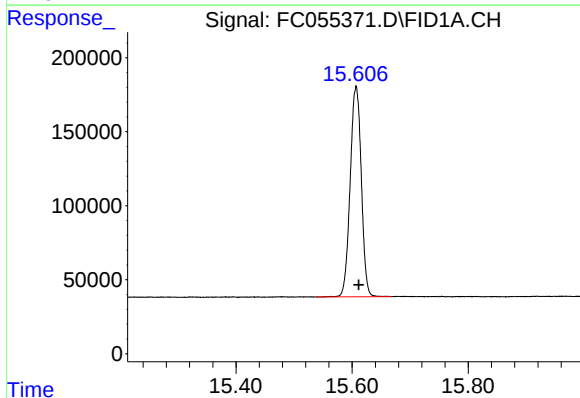
#13 n-Docosane (C22)

R.T.: 13.492 min
Delta R.T.: 0.000 min
Response: 2022922
Conc: 17.32 ug/ml



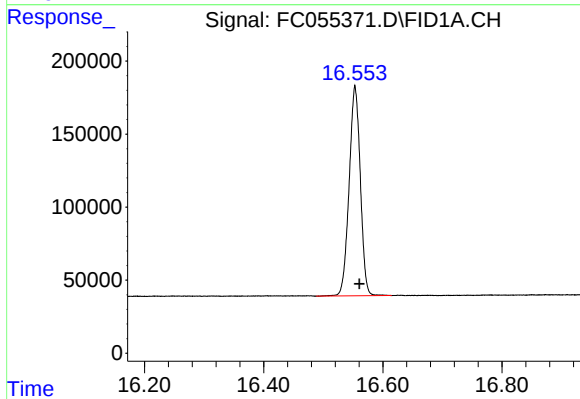
#14 n-Tetracosane (C24)

R.T.: 14.590 min
Delta R.T.: -0.003 min
Response: 1973628
Conc: 17.05 ug/ml



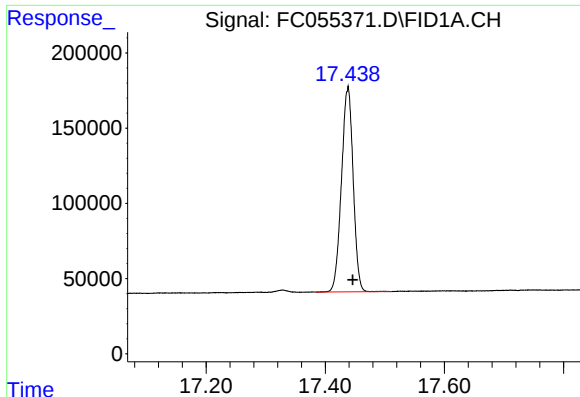
#15 n-Hexacosane (C26)

R.T.: 15.607 min
Delta R.T.: -0.005 min
Response: 1886857
Conc: 16.84 ug/ml



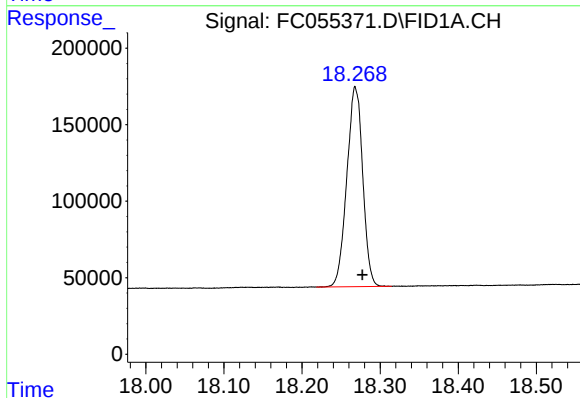
#16 n-Octacosane (C28)

R.T.: 16.553 min
Delta R.T.: -0.007 min
Response: 1874430
Conc: 17.26 ug/ml



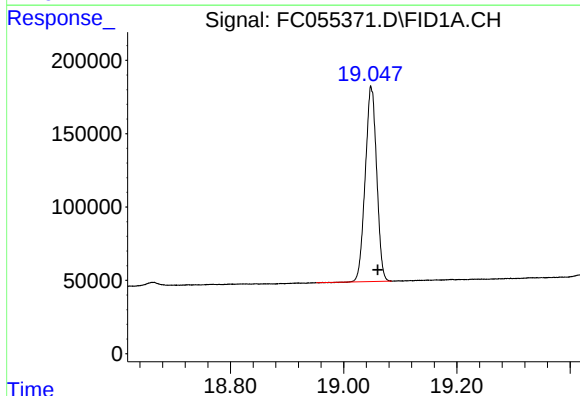
#17 n-Tricontane (C30)

R.T.: 17.438 min
Delta R.T.: -0.008 min
Response: 1855118
Conc: 17.77 ug/ml



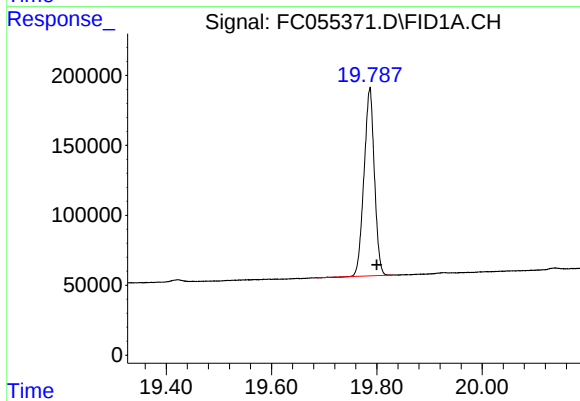
#18 n-Dotriacontane (C32)

R.T.: 18.268 min
Delta R.T.: -0.009 min
Response: 1845401
Conc: 18.63 ug/ml



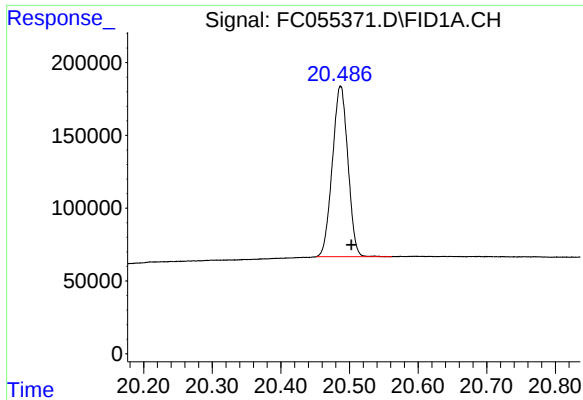
#19 n-Tetratriacontane (C34)

R.T.: 19.049 min
Delta R.T.: -0.012 min
Response: 1859657
Conc: 19.62 ug/ml



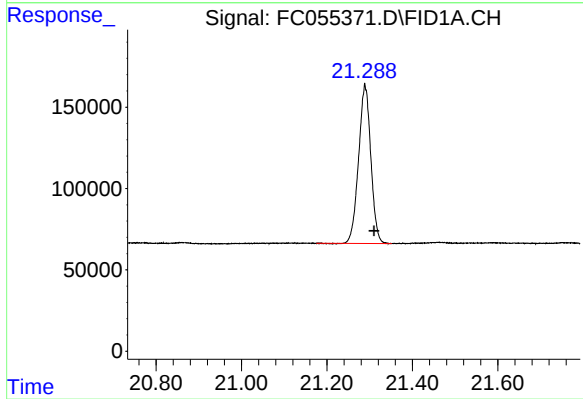
#20 n-Hexatriacontane (C36)

R.T.: 19.786 min
Delta R.T.: -0.013 min
Response: 1836535
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.487 min
Delta R.T.: -0.016 min
Response: 1843368
Conc: 21.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.289 min
Delta R.T.: -0.021 min
Response: 1936178
Conc: 21.74 ug/ml