

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031822AL\
 Data File : FC058832.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2022 15:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 00:24:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.399	2961889	20.335 ug/ml
Spiked Amount	50.000	Recovery	= 40.67%
12) S 1-chlorooctadecane (S...	12.830	2286325	20.170 ug/ml
Spiked Amount	50.000	Recovery	= 40.34%
Target Compounds			
1) T n-Nonane (C9)	3.257	2529728	21.037 ug/ml
2) T n-Decane (C10)	4.306	2540088	21.345 ug/ml
3) T A~Naphthalene (C11.7)	5.870	2613175	20.135 ug/ml
4) T n-Dodecane (C12)	6.299	2663073	21.648 ug/ml
5) T A~2-methylnaphthalene...	6.914	2637266	20.229 ug/ml
6) T n-Tetradecane (C14)	8.075	2684984	21.427 ug/ml
7) T n-Hexadecane (C16)	9.661	2737776	21.259 ug/ml
8) T n-Octadecane (C18)	11.091	2775896	21.094 ug/ml
10) T n-Eicosane (C20)	12.390	2722758	20.706 ug/ml
11) T n-Heneicosane (C21)	12.997	2705099	20.469 ug/ml
13) T n-Docosane (C22)	13.579	2667946	20.464 ug/ml
14) T n-Tetracosane (C24)	14.674	2598948	20.126 ug/ml
15) T n-Hexacosane (C26)	15.688	2503391	20.237 ug/ml
16) T n-Octacosane (C28)	16.633	2485564	20.881 ug/ml
17) T n-Tricontane (C30)	17.516	2506720	22.269 ug/ml
18) T n-Dotriacontane (C32)	18.343	2280651	21.209 ug/ml
19) T n-Tetratriacontane (C34)	19.123	2278017	23.511 ug/ml
20) T n-Hexatriacontane (C36)	19.859	2345858	26.002 ug/ml
21) T n-Octatriacontane (C38)	20.563	2080492	23.907 ug/ml
22) T n-Tetracontane (C40)	21.386	2177678	25.950 ug/ml

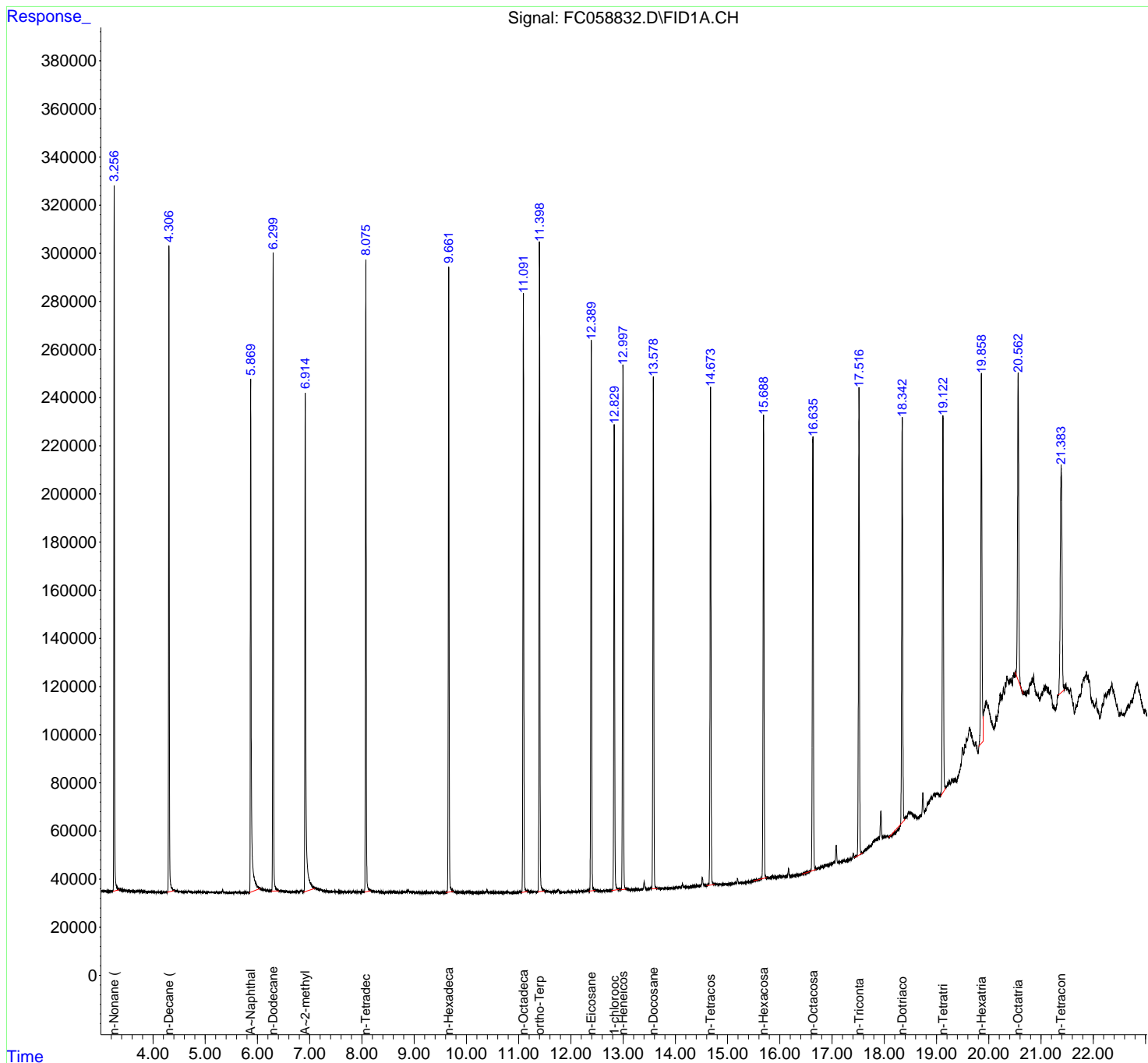
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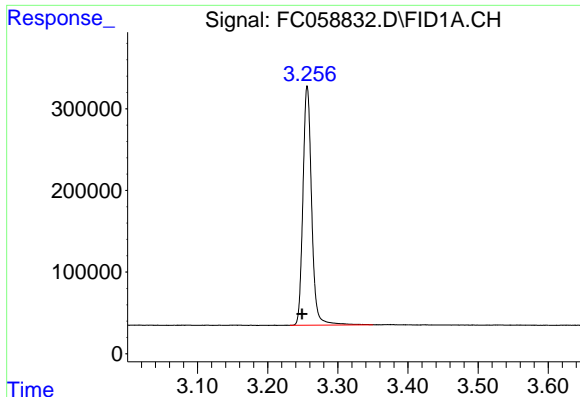
(m)=manual int.

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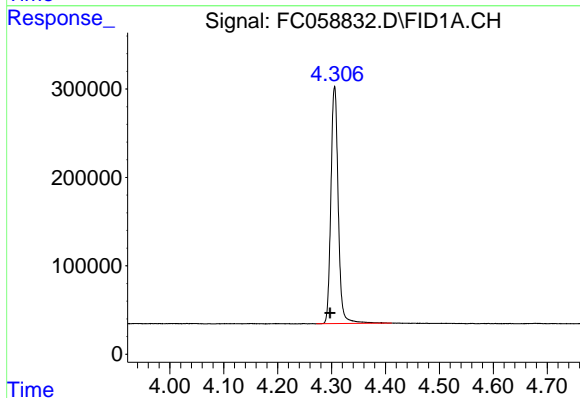
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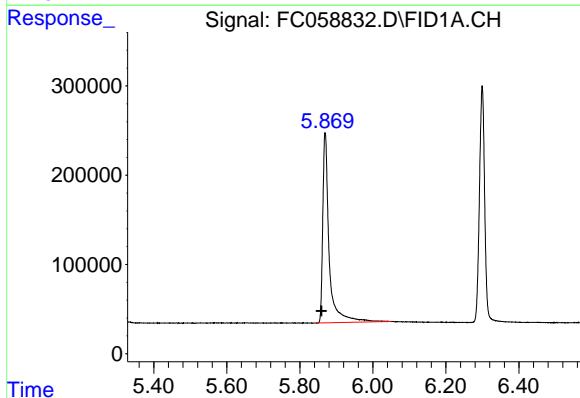
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.008 min
Response: 2529728
Conc: 21.04 ug/ml



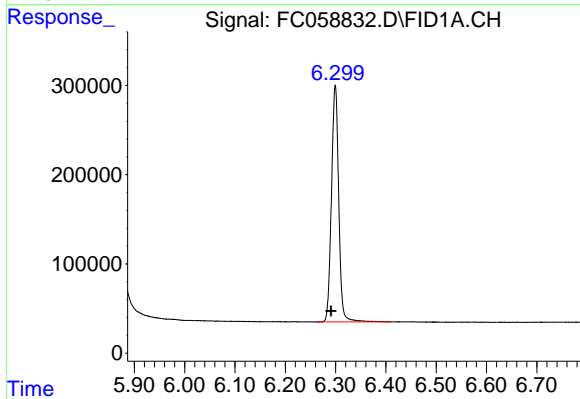
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.008 min
Response: 2540088
Conc: 21.35 ug/ml



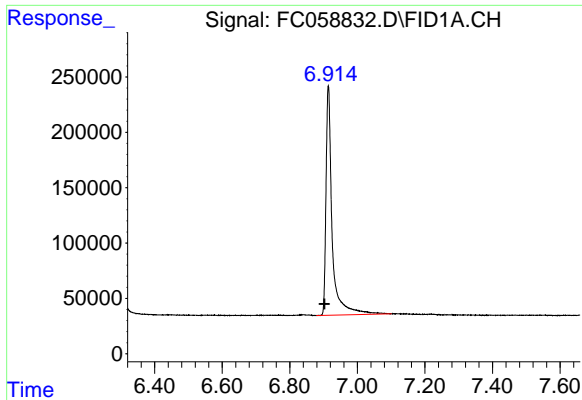
#3 A~Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: 0.011 min
Response: 2613175
Conc: 20.13 ug/ml



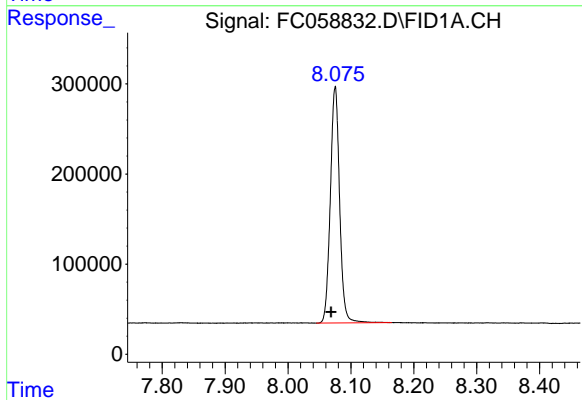
#4 n-Dodecane (C12)

R.T.: 6.299 min
Delta R.T.: 0.008 min
Response: 2663073
Conc: 21.65 ug/ml



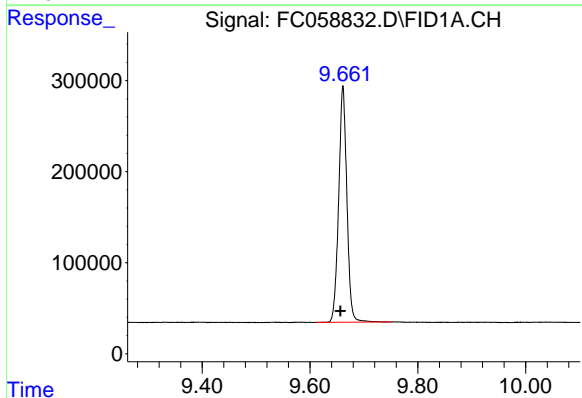
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.012 min
Response: 2637266
Conc: 20.23 ug/ml



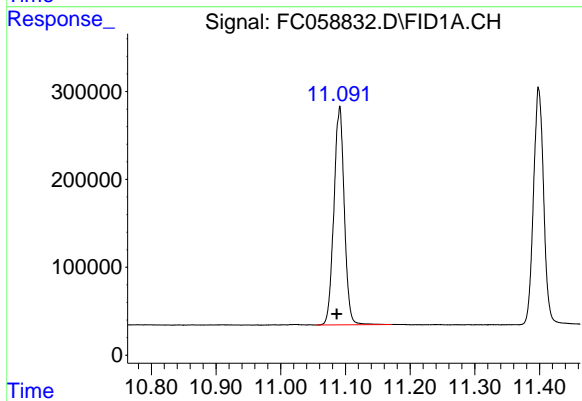
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: 0.006 min
Response: 2684984
Conc: 21.43 ug/ml



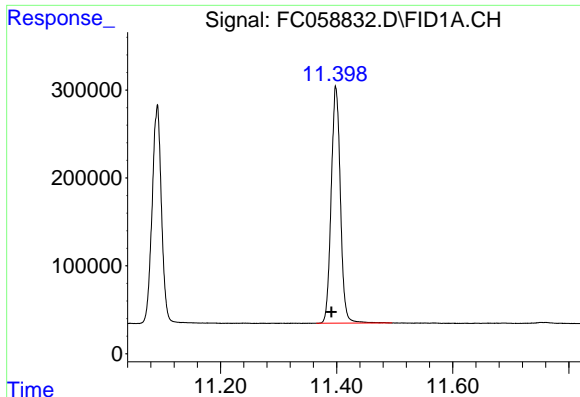
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.005 min
Response: 2737776
Conc: 21.26 ug/ml



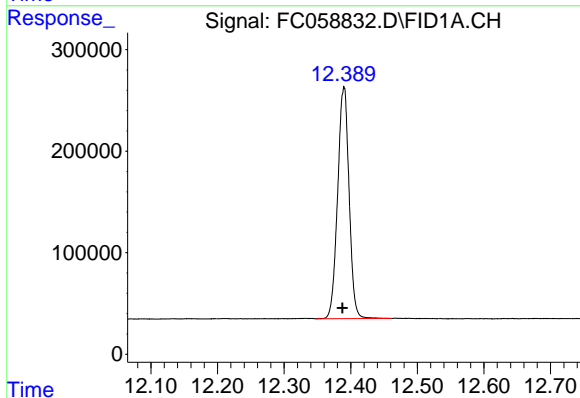
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.004 min
Response: 2775896
Conc: 21.09 ug/ml



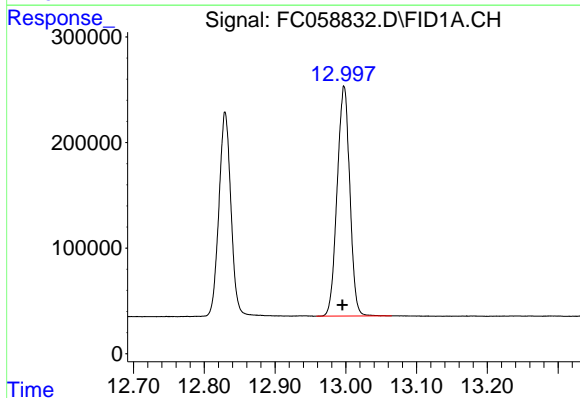
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.008 min
Response: 2961889
Conc: 20.34 ug/ml



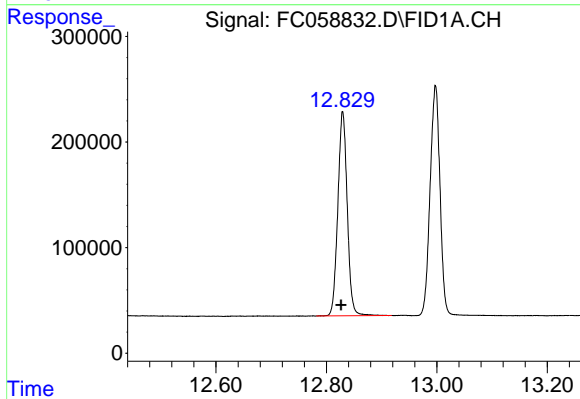
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.002 min
Response: 2722758
Conc: 20.71 ug/ml



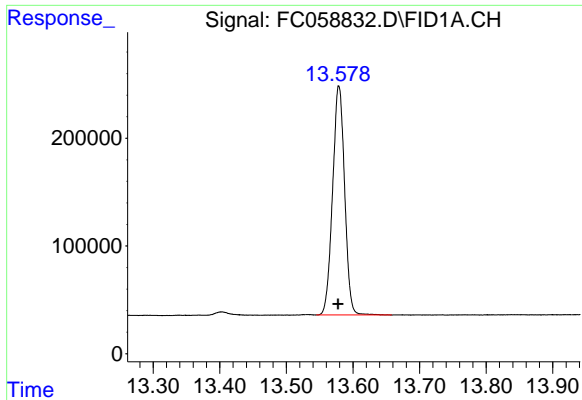
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.002 min
Response: 2705099
Conc: 20.47 ug/ml



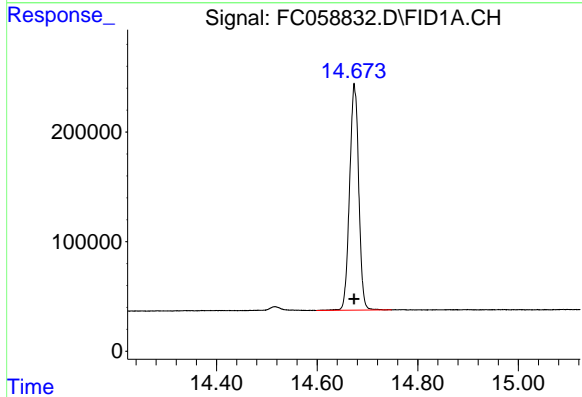
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 2286325
Conc: 20.17 ug/ml



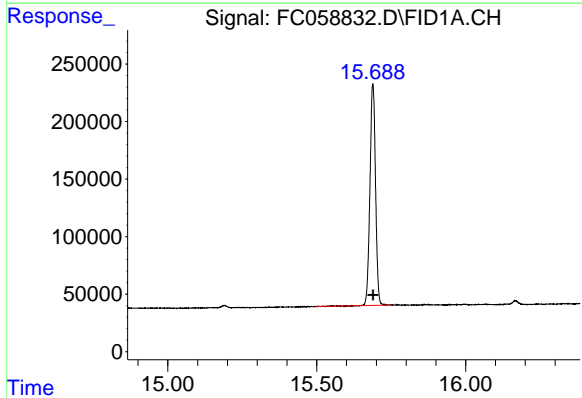
#13 n-Docosane (C22)

R.T.: 13.579 min
Delta R.T.: 0.000 min
Response: 2667946
Conc: 20.46 ug/ml



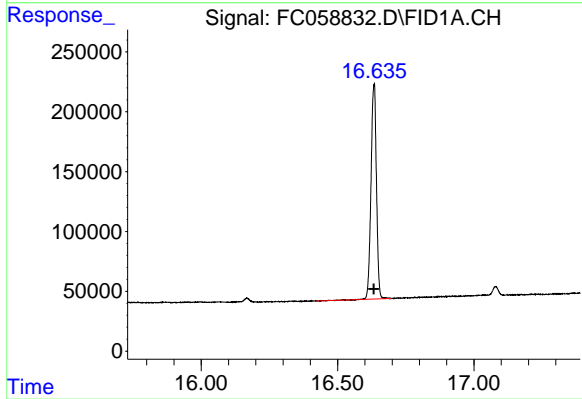
#14 n-Tetracosane (C24)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 2598948
Conc: 20.13 ug/ml



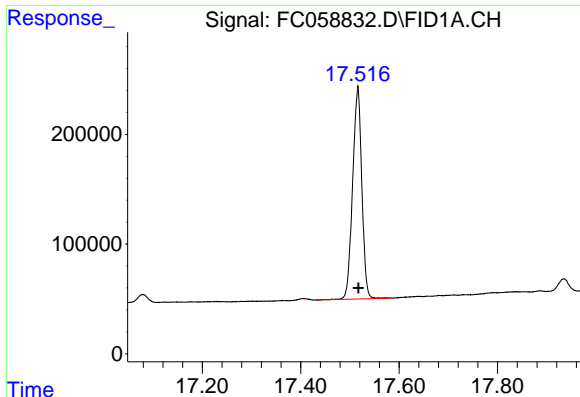
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: 0.000 min
Response: 2503391
Conc: 20.24 ug/ml



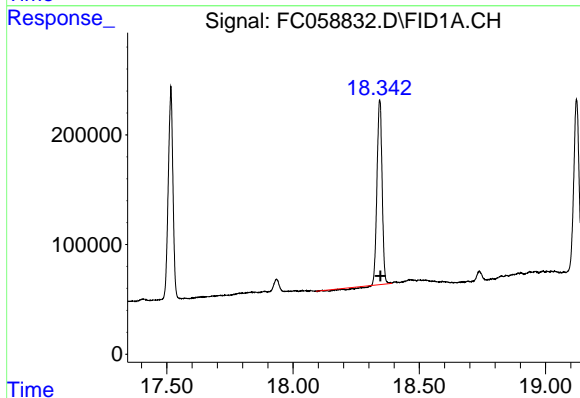
#16 n-Octacosane (C28)

R.T.: 16.633 min
Delta R.T.: 0.000 min
Response: 2485564
Conc: 20.88 ug/ml



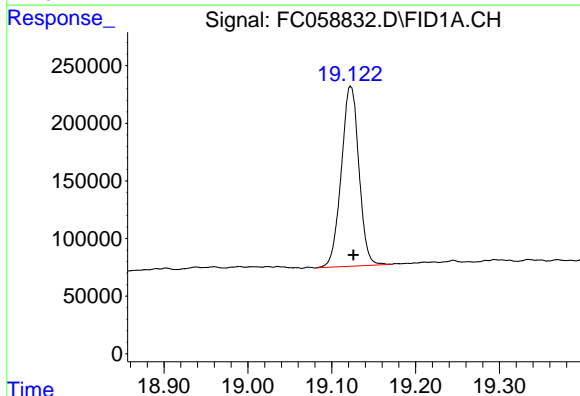
#17 n-Tricontane (C30)

R.T.: 17.516 min
Delta R.T.: -0.001 min
Response: 2506720
Conc: 22.27 ug/ml



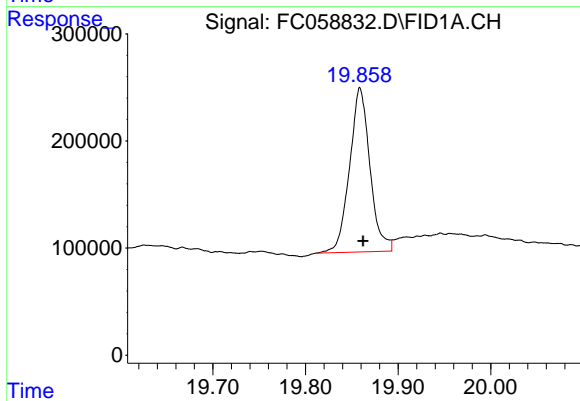
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: -0.003 min
Response: 2280651
Conc: 21.21 ug/ml



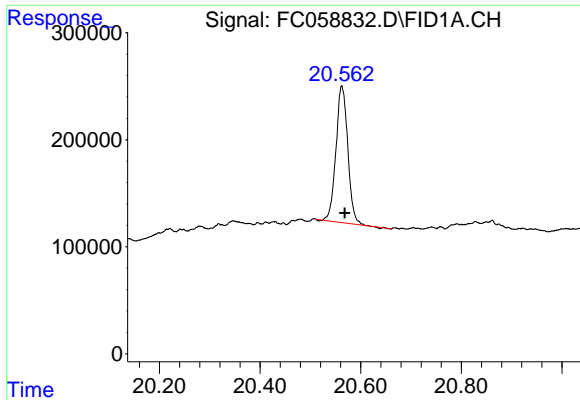
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 2278017
Conc: 23.51 ug/ml

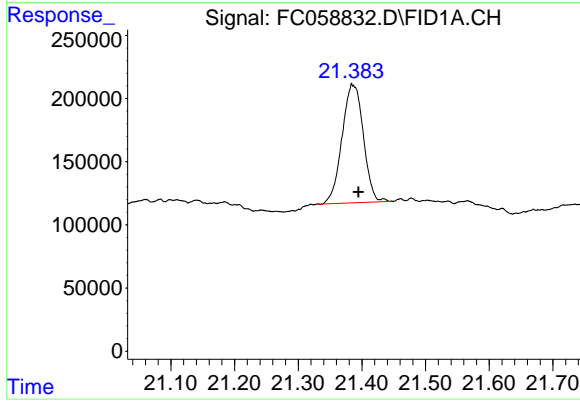


#20 n-Hexatriacontane (C36)

R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 2345858
Conc: 26.00 ug/ml



#21 n-Octatriacontane (C38)
R.T.: 20.563 min
Delta R.T.: -0.005 min
Response: 2080492
Conc: 23.91 ug/ml



#22 n-Tetracontane (C40)
R.T.: 21.386 min
Delta R.T.: -0.009 min
Response: 2177678
Conc: 25.95 ug/ml