

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112119AL\
 Data File : FC044688.D
 Signal(s) : FID1A.CH
 Acq On : 21 Nov 2019 11:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 00:38:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.717	2436341	16.715 ug/ml
Spiked Amount 50.000		Recovery =	33.43%
12) S 1-chlorooctadecane (S...	13.145	1814519	16.228 ug/ml
Spiked Amount 50.000		Recovery =	32.46%
Target Compounds			
1) T n-Nonane (C9)	3.454	2308053	20.952 ug/ml
2) T n-Decane (C10)	4.530	2369759	21.336 ug/ml
3) T A~Naphthalene (C11.7)	6.130	2585479	20.780 ug/ml
4) T n-Dodecane (C12)	6.553	2375142	21.119 ug/ml
5) T A~2-methylnaphthalene...	7.187	2584395	20.494 ug/ml
6) T n-Tetradecane (C14)	8.348	2347589	20.750 ug/ml
7) T n-Hexadecane (C16)	9.948	2320685	20.310 ug/ml
8) T n-Octadecane (C18)	11.389	2266698	19.798 ug/ml
10) T n-Eicosane (C20)	12.698	2194326	19.240 ug/ml
11) T n-Heneicosane (C21)	13.310	2170151	18.920 ug/ml
13) T n-Docosane (C22)	13.896	2121841	18.685 ug/ml
14) T n-Tetracosane (C24)	15.000	2074727	18.347 ug/ml
15) T n-Hexacosane (C26)	16.020	2010566	18.172 ug/ml
16) T n-Octacosane (C28)	16.969	2003260	18.493 ug/ml
17) T n-Tricontane (C30)	17.854	2043653	19.310 ug/ml
18) T n-Dotriacontane (C32)	18.686	2024403	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.471	1995952	21.287 ug/ml
20) T n-Hexatriacontane (C36)	20.210	1927347	22.202 ug/ml
21) T n-Octatriacontane (C38)	20.974	1838684	22.801 ug/ml
22) T n-Tetracontane (C40)	21.937	1885547	22.307 ug/ml

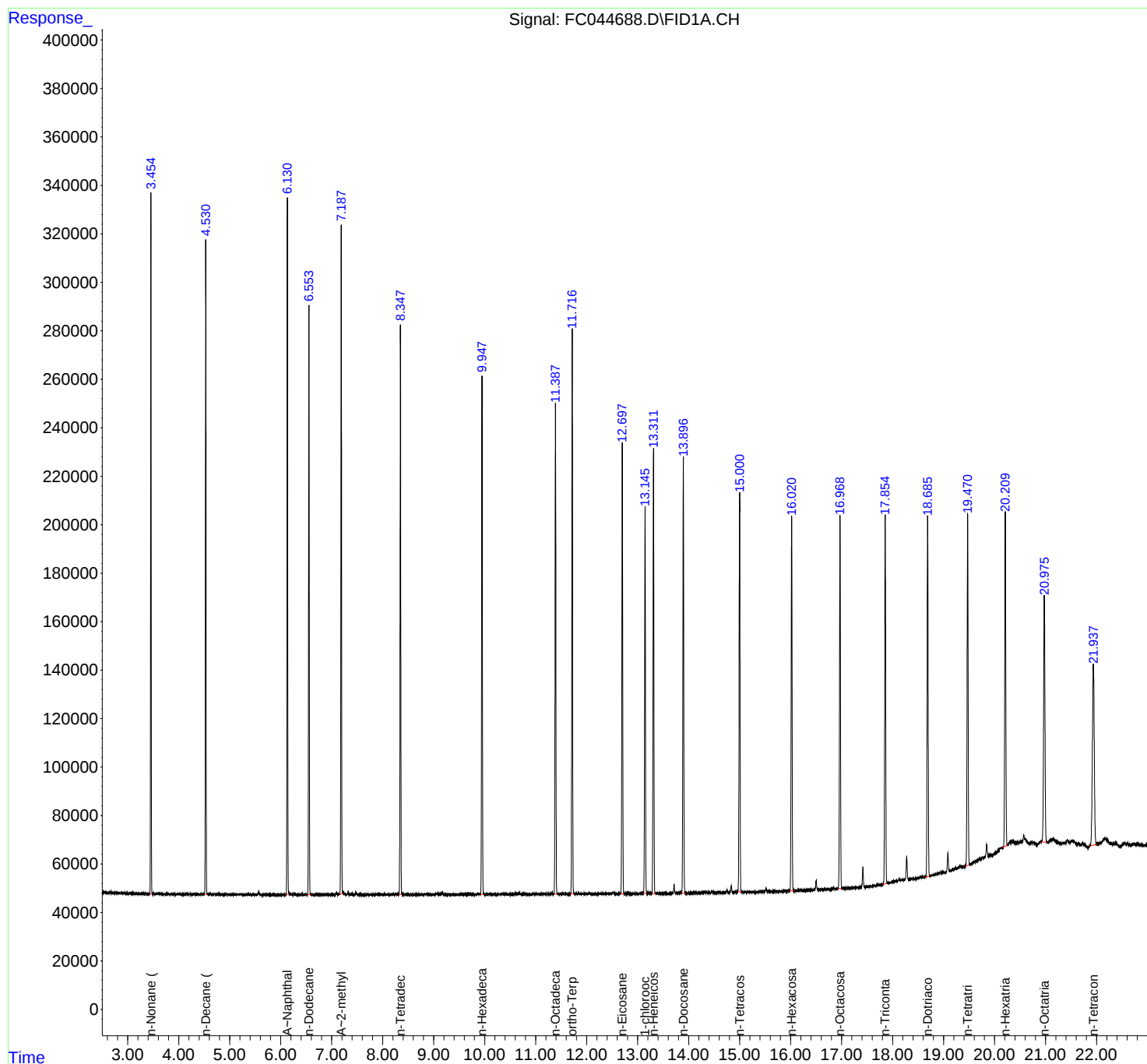
(f)=RT Delta > 1/2 Window

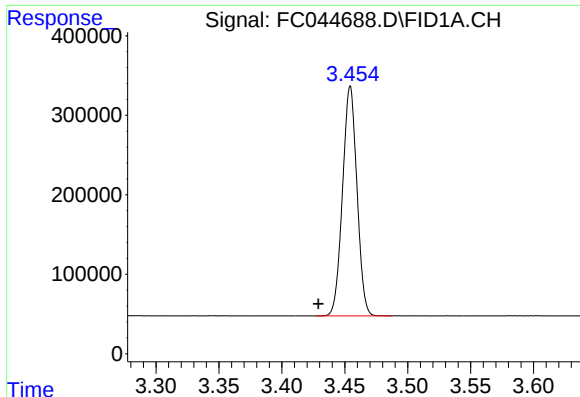
(m)=manual int.

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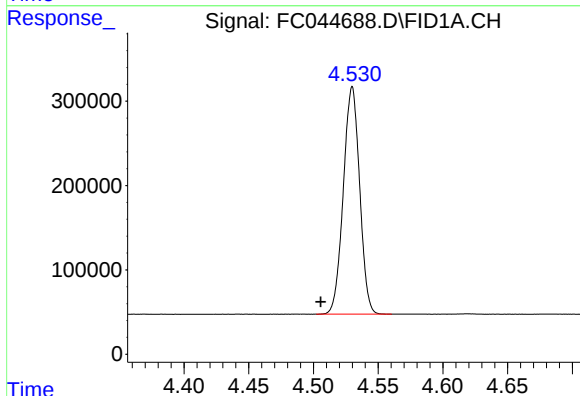
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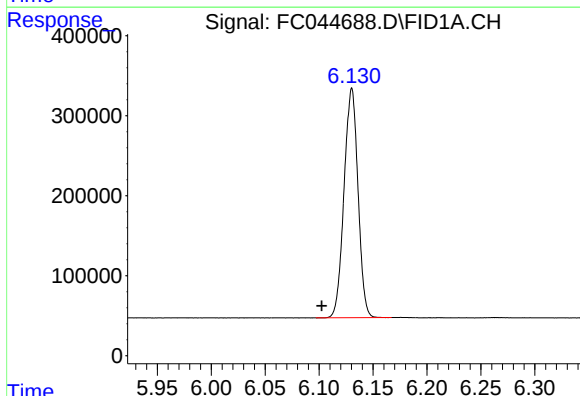
#1 n-Nonane (C9)

R.T.: 3.454 min
Delta R.T.: 0.025 min
Response: 2308053
Conc: 20.95 ug/ml



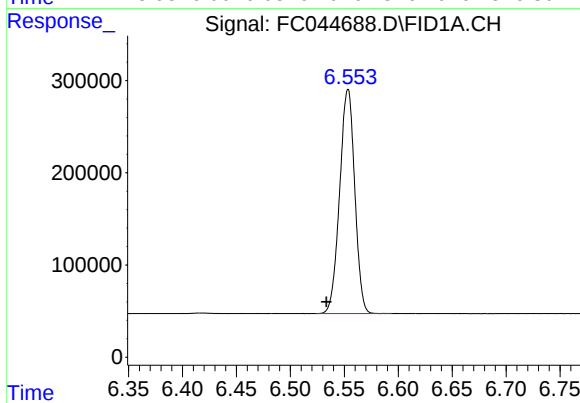
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.024 min
Response: 2369759
Conc: 21.34 ug/ml



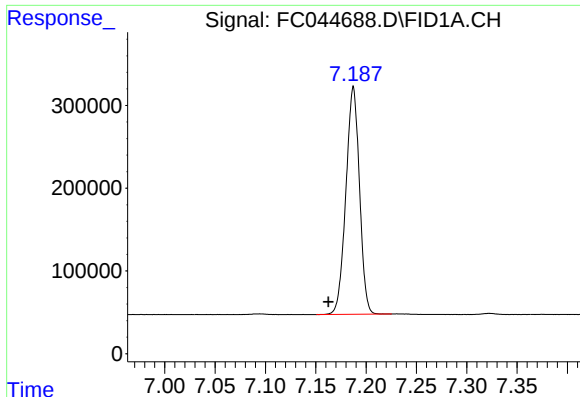
#3 A~Naphthalene (C11.7)

R.T.: 6.130 min
Delta R.T.: 0.028 min
Response: 2585479
Conc: 20.78 ug/ml



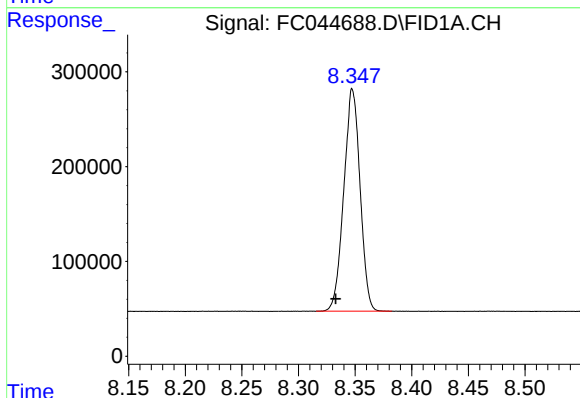
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.020 min
Response: 2375142
Conc: 21.12 ug/ml



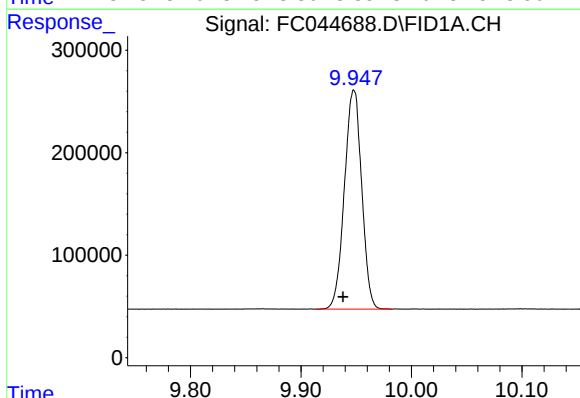
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.187 min
Delta R.T.: 0.025 min
Response: 2584395
Conc: 20.49 ug/ml



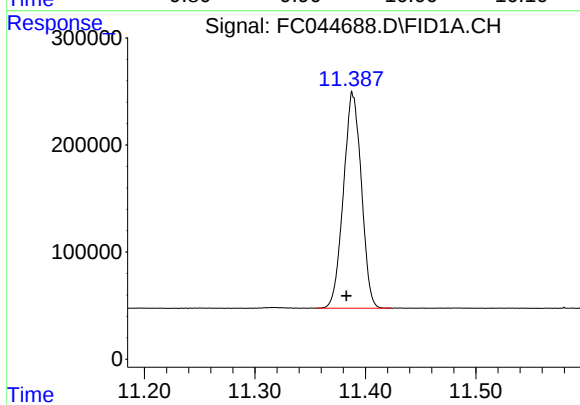
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.015 min
Response: 2347589
Conc: 20.75 ug/ml



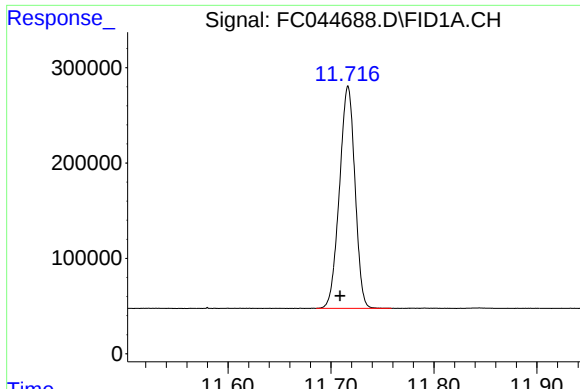
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: 0.010 min
Response: 2320685
Conc: 20.31 ug/ml



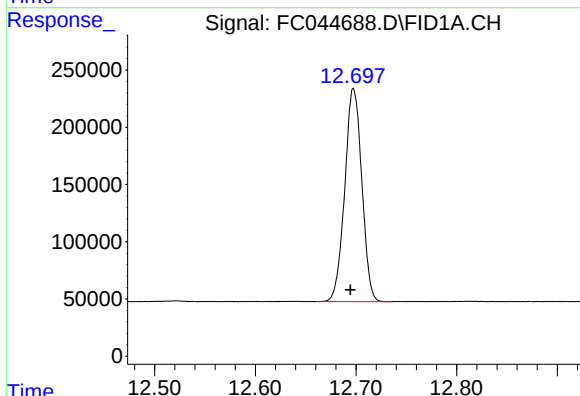
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2266698
Conc: 19.80 ug/ml



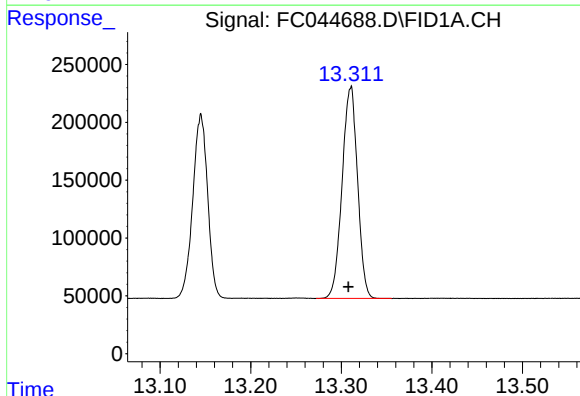
#9 ortho-Terphenyl (SURR)

R.T.: 11.717 min
Delta R.T.: 0.008 min
Response: 2436341
Conc: 16.71 ug/ml



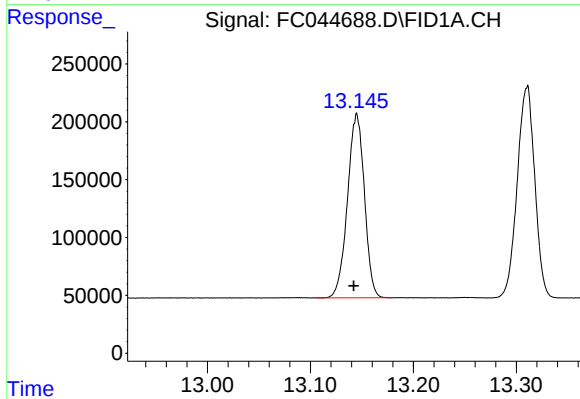
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.003 min
Response: 2194326
Conc: 19.24 ug/ml



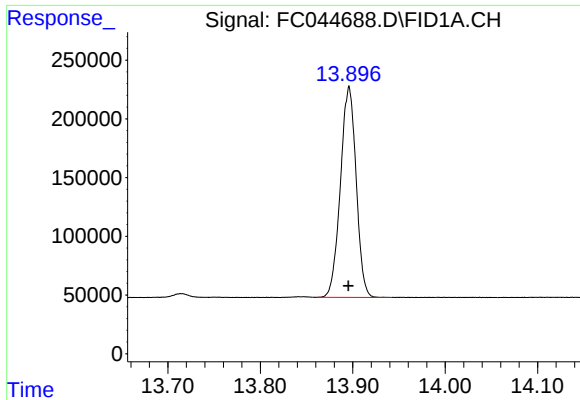
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.003 min
Response: 2170151
Conc: 18.92 ug/ml



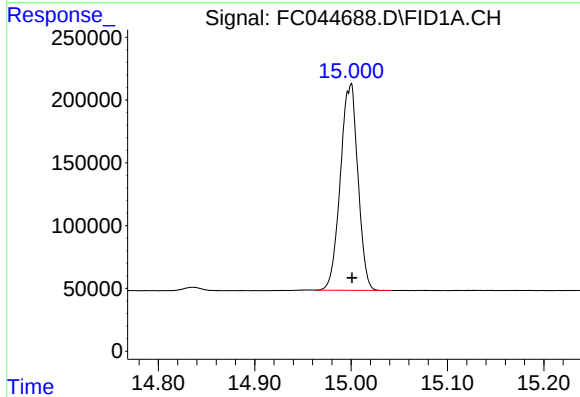
#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min
Delta R.T.: 0.003 min
Response: 1814519
Conc: 16.23 ug/ml



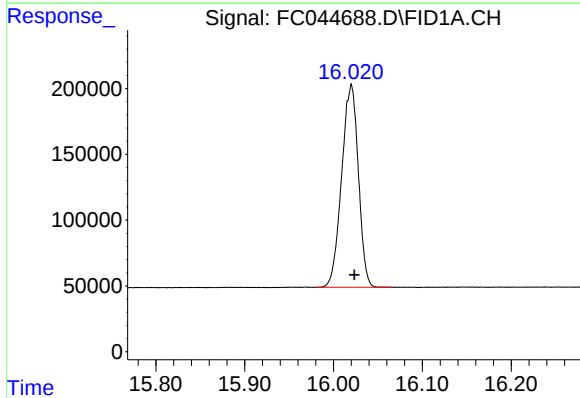
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 2121841
Conc: 18.69 ug/ml



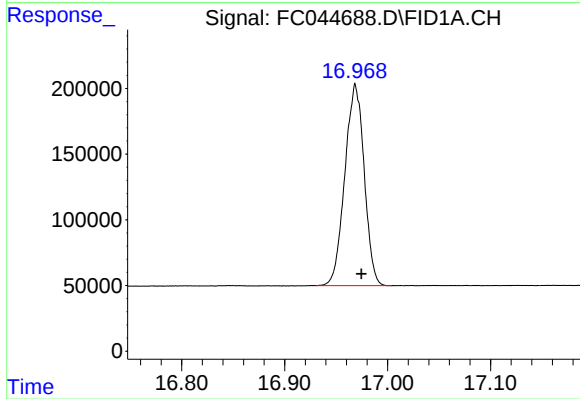
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: -0.001 min
Response: 2074727
Conc: 18.35 ug/ml



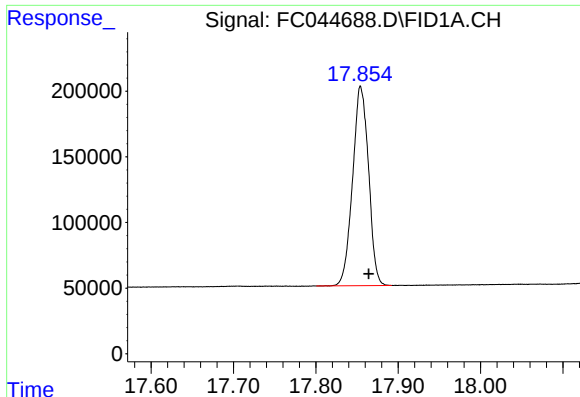
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 2010566
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.969 min
Delta R.T.: -0.006 min
Response: 2003260
Conc: 18.49 ug/ml



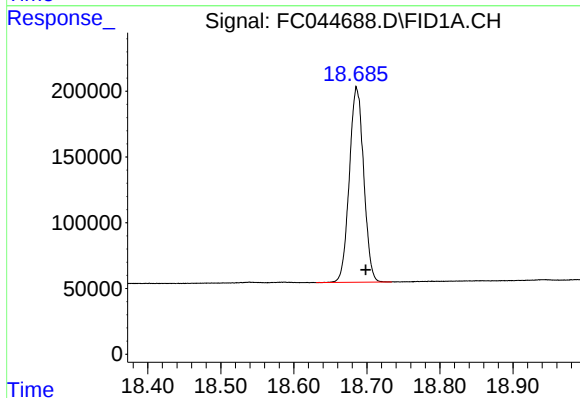
#17 n-Tricontane (C30)

R.T.: 17.854 min

Delta R.T.: -0.010 min

Response: 2043653

Conc: 19.31 ug/ml



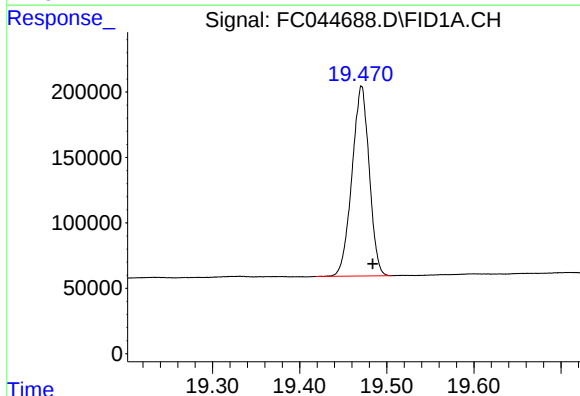
#18 n-Dotriacontane (C32)

R.T.: 18.686 min

Delta R.T.: -0.012 min

Response: 2024403

Conc: 20.10 ug/ml



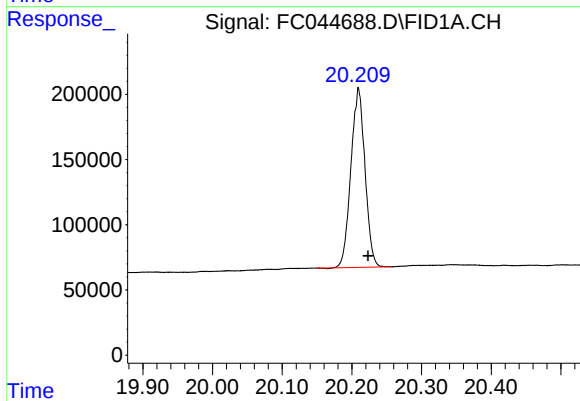
#19 n-Tetratriacontane (C34)

R.T.: 19.471 min

Delta R.T.: -0.013 min

Response: 1995952

Conc: 21.29 ug/ml



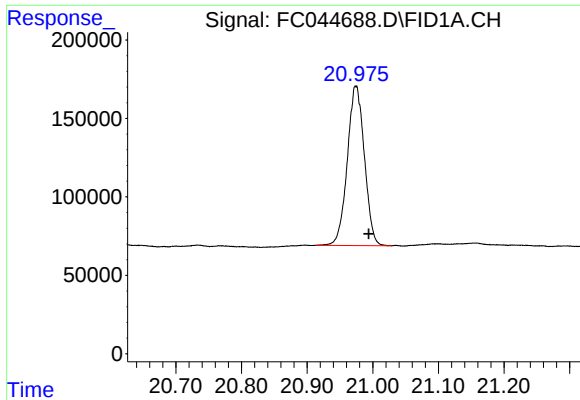
#20 n-Hexatriacontane (C36)

R.T.: 20.210 min

Delta R.T.: -0.014 min

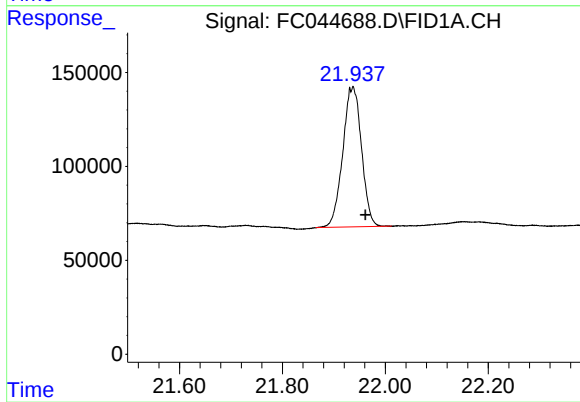
Response: 1927347

Conc: 22.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.974 min
Delta R.T.: -0.020 min
Response: 1838684
Conc: 22.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: -0.024 min
Response: 1885547
Conc: 22.31 ug/ml