

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112219AL\
 Data File : FD031669.D
 Signal(s) : FID2B.CH
 Acq On : 23 Nov 2019 10:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 00:15:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 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)	11.551	2451275	16.110 ug/ml
Spiked Amount 50.000		Recovery =	32.22%
12) S 1-chlorooctadecane (S...	12.980	1831147	16.114 ug/ml
Spiked Amount 50.000		Recovery =	32.23%
Target Compounds			
1) T n-Nonane (C9)	3.338	2375651	17.908 ug/ml
2) T n-Decane (C10)	4.408	2371375	17.780 ug/ml
3) T A~Naphthalene (C11.7)	5.991	2610672	17.430 ug/ml
4) T n-Dodecane (C12)	6.421	2351941	17.464 ug/ml
5) T A~2-methylnaphthalene...	7.042	2615131	17.254 ug/ml
6) T n-Tetradecane (C14)	8.207	2294755	17.030 ug/ml
7) T n-Hexadecane (C16)	9.800	2247480	16.763 ug/ml
8) T n-Octadecane (C18)	11.234	2208922	16.561 ug/ml
10) T n-Eicosane (C20)	12.538	2151732	16.312 ug/ml
11) T n-Heneicosane (C21)	13.146	2147476	16.229 ug/ml
13) T n-Docosane (C22)	13.729	2128272	16.208 ug/ml
14) T n-Tetracosane (C24)	14.827	2128294	16.264 ug/ml
15) T n-Hexacosane (C26)	15.842	2077120	16.078 ug/ml
16) T n-Octacosane (C28)	16.787	2061773	16.112 ug/ml
17) T n-Tricontane (C30)	17.668	2064973	16.189 ug/ml
18) T n-Dotriacontane (C32)	18.496	2052083	16.634 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2120320	17.726 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2084487	18.264 ug/ml
21) T n-Octatriacontane (C38)	20.728	2053740	19.554 ug/ml
22) T n-Tetracontane (C40)	21.603	1993094	18.560 ug/ml

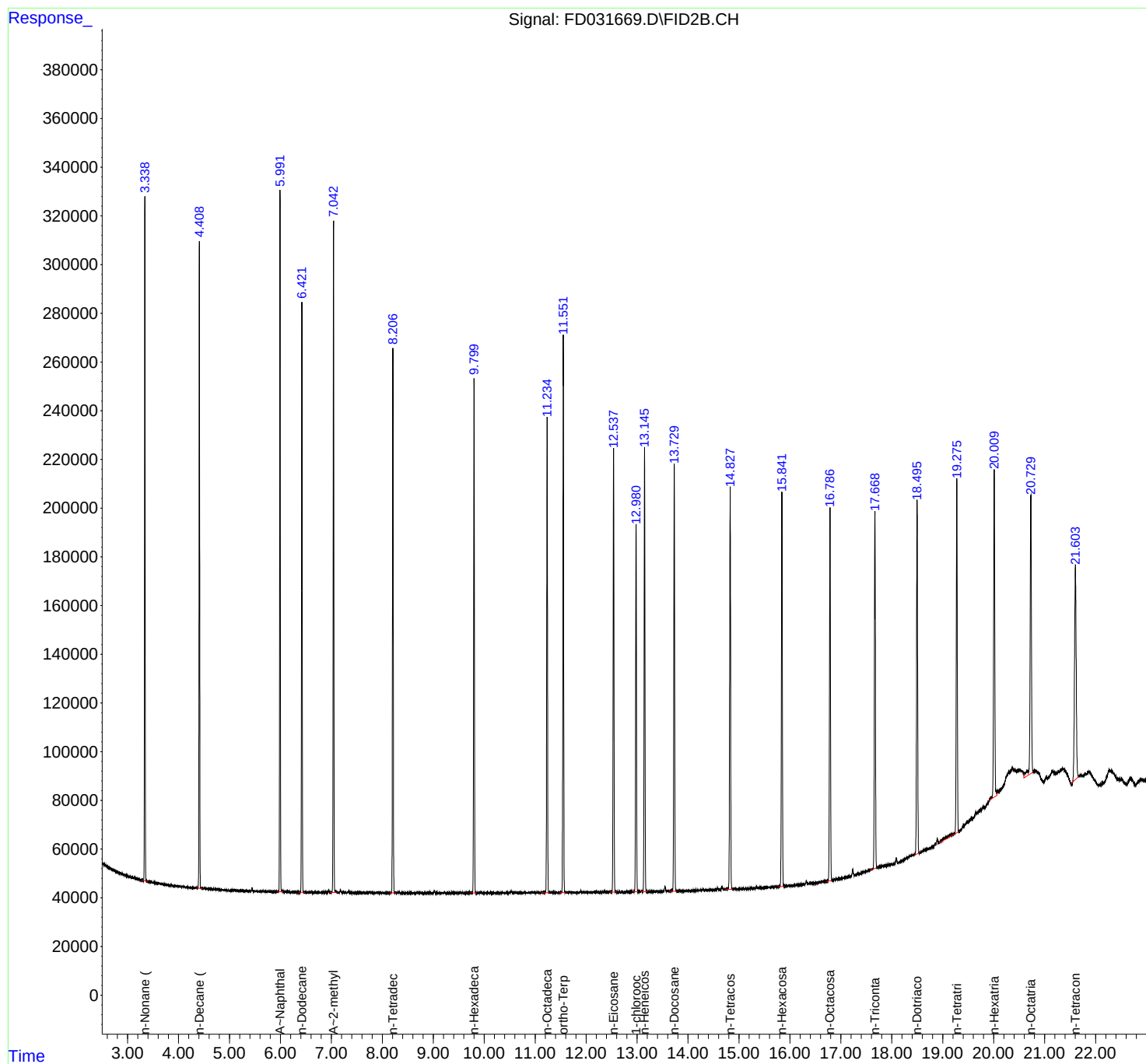
(f)=RT Delta > 1/2 Window

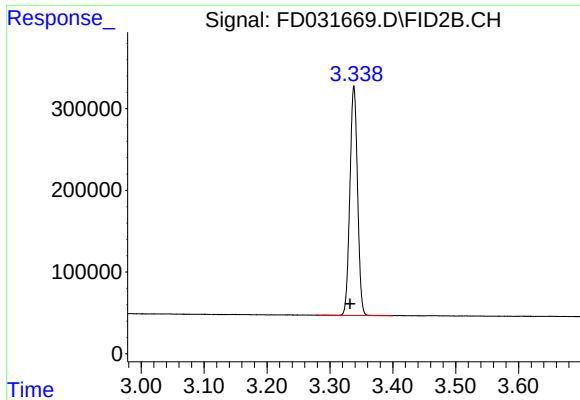
(m)=manual int.

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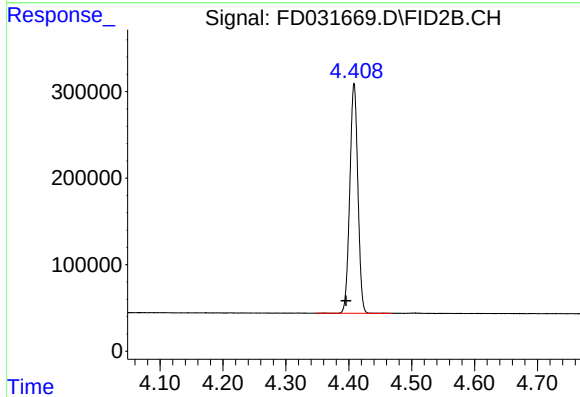
Volume Inj. : 1 ul
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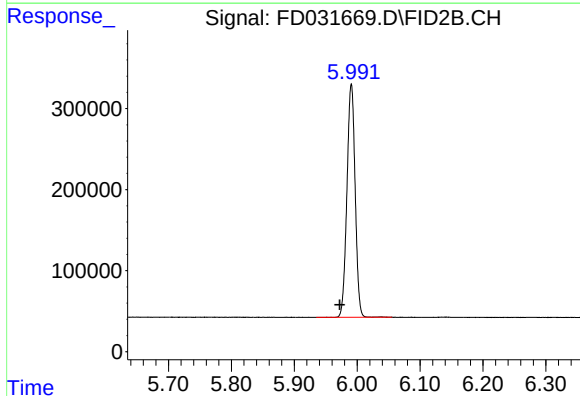
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: 0.006 min
Response: 2375651
Conc: 17.91 ug/ml



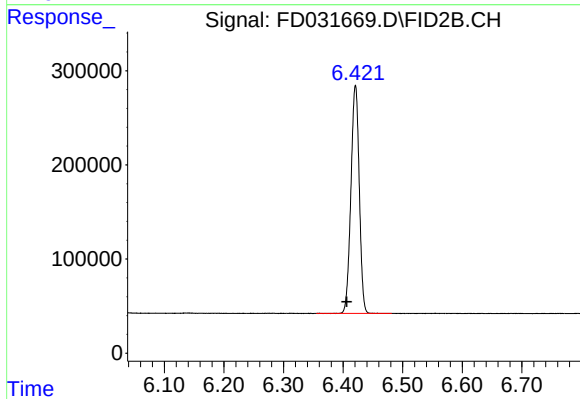
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: 0.013 min
Response: 2371375
Conc: 17.78 ug/ml



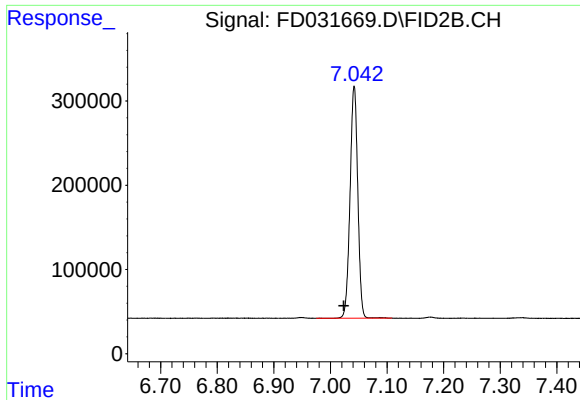
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.018 min
Response: 2610672
Conc: 17.43 ug/ml



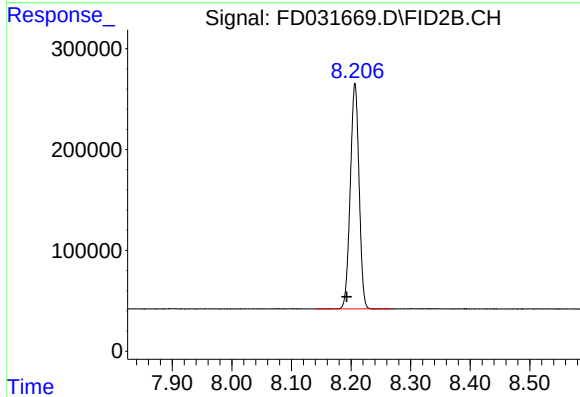
#4 n-Dodecane (C12)

R.T.: 6.421 min
Delta R.T.: 0.015 min
Response: 2351941
Conc: 17.46 ug/ml



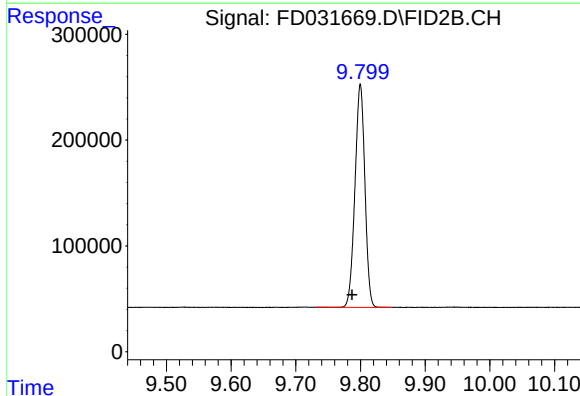
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: 0.019 min
Response: 2615131
Conc: 17.25 ug/ml



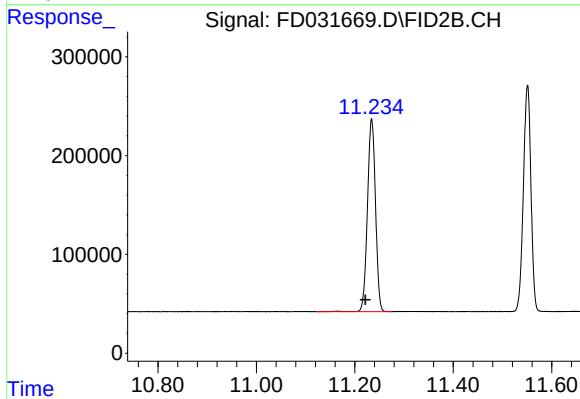
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: 0.014 min
Response: 2294755
Conc: 17.03 ug/ml



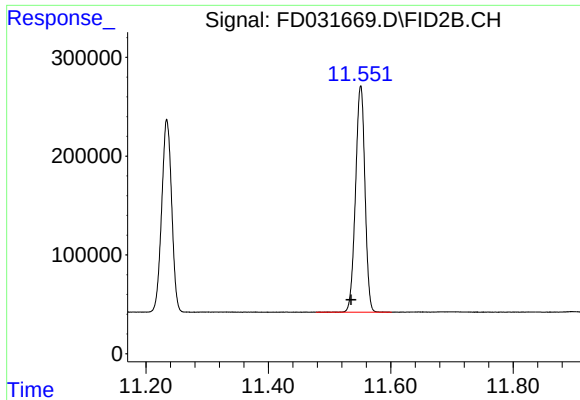
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: 0.013 min
Response: 2247480
Conc: 16.76 ug/ml



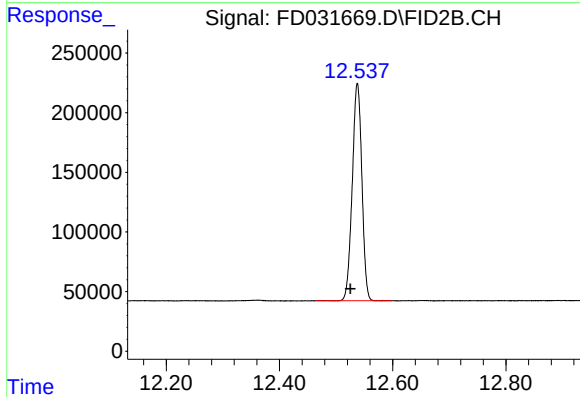
#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.013 min
Response: 2208922
Conc: 16.56 ug/ml



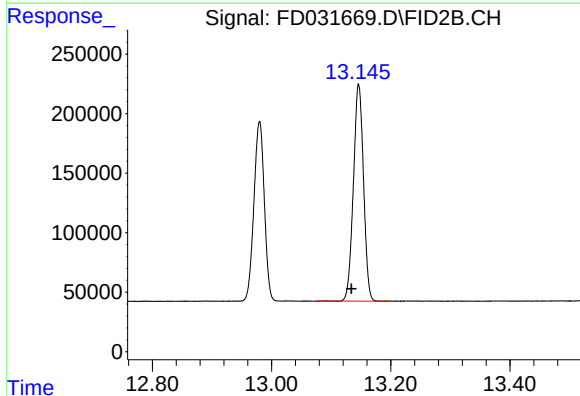
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.016 min
Response: 2451275
Conc: 16.11 ug/ml



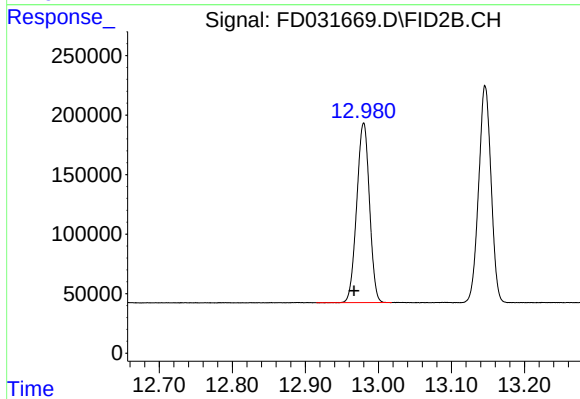
#10 n-Eicosane (C20)

R.T.: 12.538 min
Delta R.T.: 0.013 min
Response: 2151732
Conc: 16.31 ug/ml



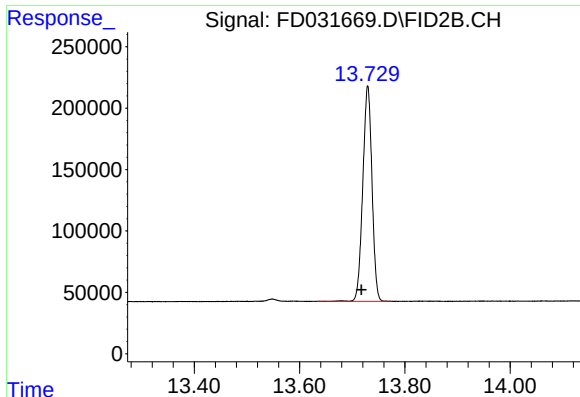
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: 0.012 min
Response: 2147476
Conc: 16.23 ug/ml



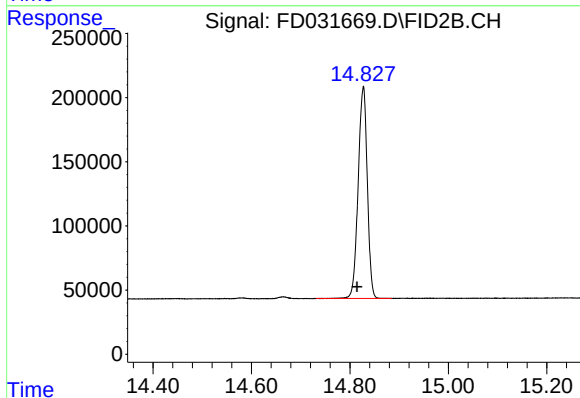
#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: 0.013 min
Response: 1831147
Conc: 16.11 ug/ml



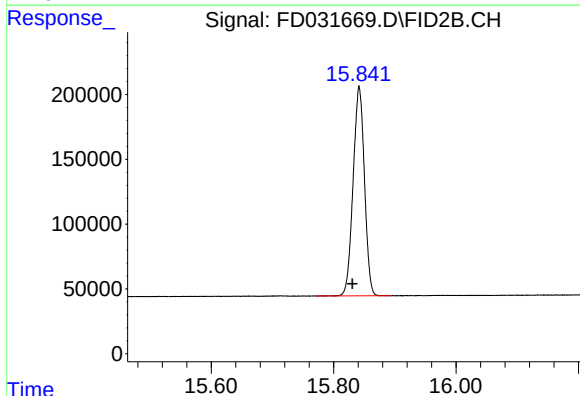
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: 0.012 min
Response: 2128272
Conc: 16.21 ug/ml



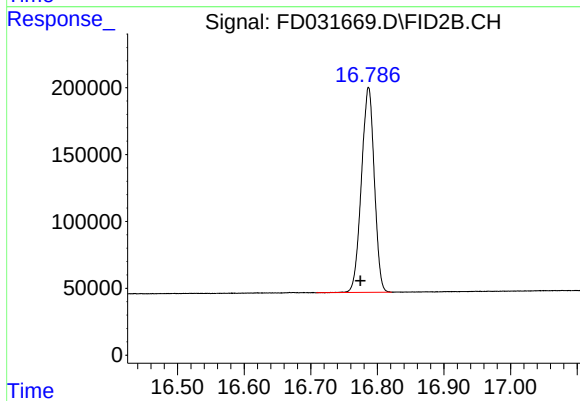
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: 0.012 min
Response: 2128294
Conc: 16.26 ug/ml



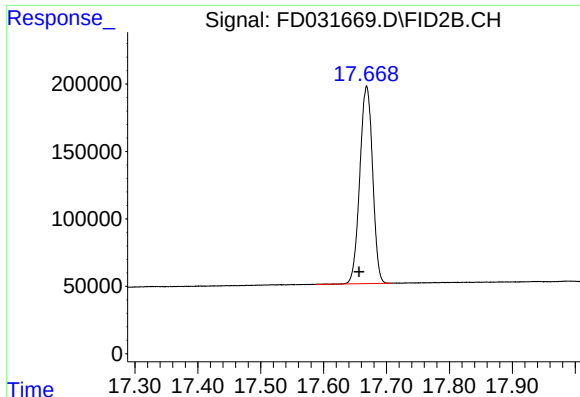
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.011 min
Response: 2077120
Conc: 16.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: 0.012 min
Response: 2061773
Conc: 16.11 ug/ml



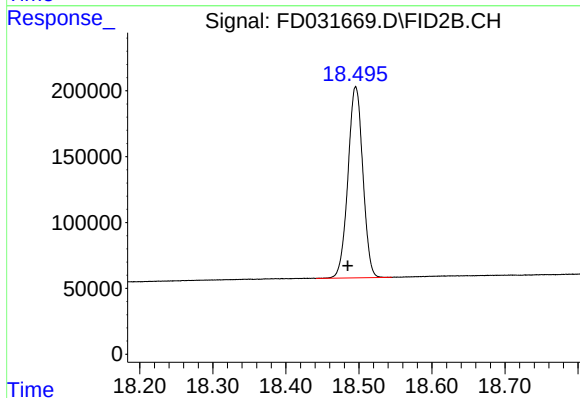
#17 n-Tricontane (C30)

R.T.: 17.668 min

Delta R.T.: 0.012 min

Response: 2064973

Conc: 16.19 ug/ml



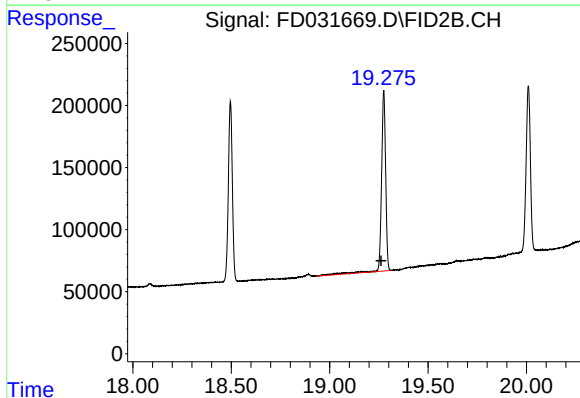
#18 n-Dotriacontane (C32)

R.T.: 18.496 min

Delta R.T.: 0.011 min

Response: 2052083

Conc: 16.63 ug/ml



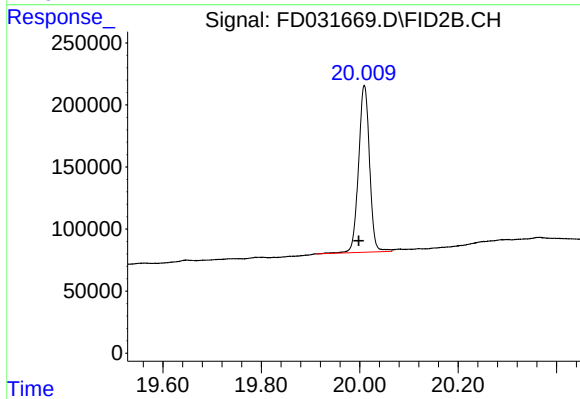
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min

Delta R.T.: 0.012 min

Response: 2120320

Conc: 17.73 ug/ml



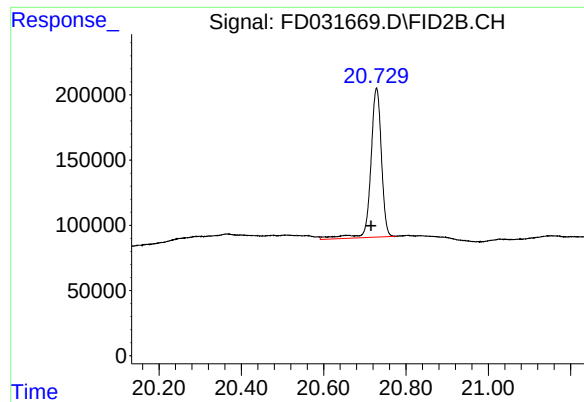
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min

Delta R.T.: 0.011 min

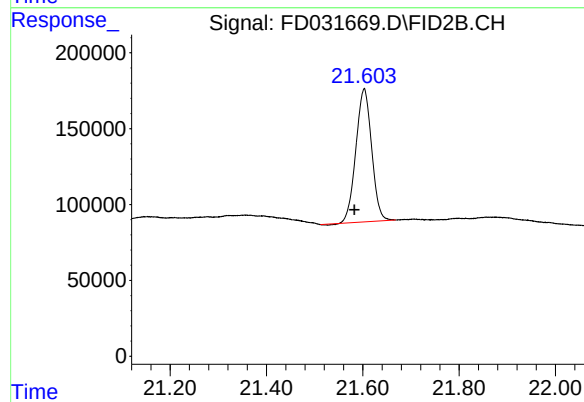
Response: 2084487

Conc: 18.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.013 min
Response: 2053740
Conc: 19.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.020 min
Response: 1993094
Conc: 18.56 ug/ml