

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081519AL\
 Data File : FD030108.D
 Signal(s) : FID2B.CH
 Acq On : 15 Aug 2019 7:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 15 08:02:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.563	2993287	21.776 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
12) S 1-chlorooctadecane (S...	12.988	2420729	21.224 ug/ml
Spiked Amount 50.000		Recovery =	42.45%
Target Compounds			
1) T n-Nonane (C9)	3.364	2764021	23.096 ug/mlm
2) T n-Decane (C10)	4.425	2846046	23.402 ug/ml
3) T A~Naphthalene (C11.7)	6.004	3210596	23.321 ug/ml
4) T n-Dodecane (C12)	6.434	2849415	23.367 ug/ml
5) T A~2-methylnaphthalene...	7.055	3225496	23.322 ug/ml
6) T n-Tetradecane (C14)	8.221	2859023	23.179 ug/ml
7) T n-Hexadecane (C16)	9.812	2856336	22.875 ug/ml
8) T n-Octadecane (C18)	11.245	2844713	22.251 ug/ml
10) T n-Eicosane (C20)	12.547	2811395	21.654 ug/ml
11) T n-Heneicosane (C21)	13.153	2760368	21.254 ug/ml
13) T n-Docosane (C22)	13.735	2742721	21.005 ug/ml
14) T n-Tetracosane (C24)	14.831	2702153	20.588 ug/ml
15) T n-Hexacosane (C26)	15.843	2703617	20.962 ug/ml
16) T n-Octacosane (C28)	16.786	2700627	21.285 ug/ml
17) T n-Tricontane (C30)	17.666	2617692	21.601 ug/ml
18) T n-Dotriacontane (C32)	18.490	2372188	21.156 ug/ml
19) T n-Tetratriacontane (C34)	19.267	1931010	21.779 ug/ml
20) T n-Hexatriacontane (C36)	19.998	1677100	22.566 ug/mlm
21) T n-Octatriacontane (C38)	20.714	1573227	23.635 ug/mlm
22) T n-Tetracontane (C40)	21.585	1545785	21.884 ug/mlm

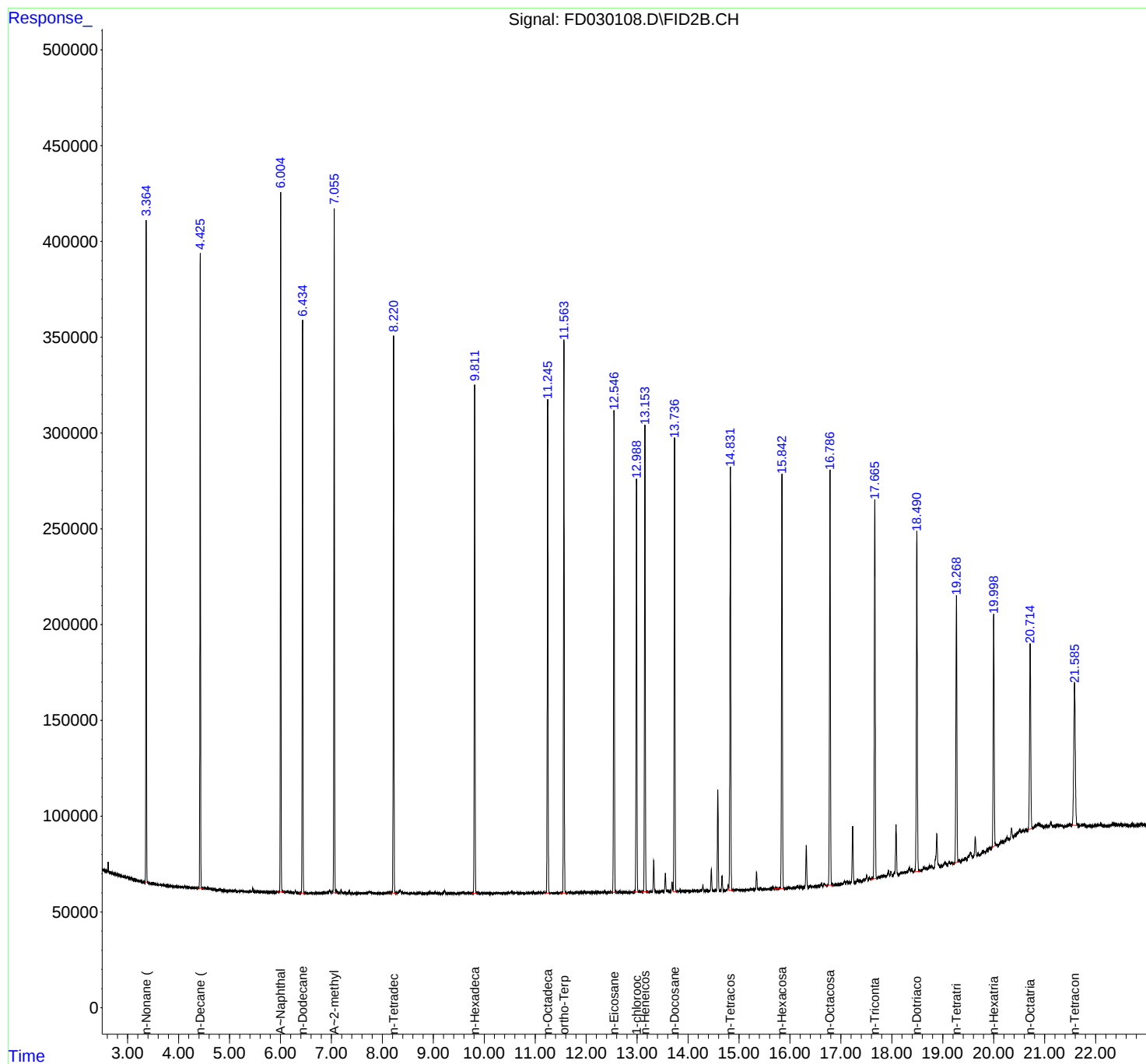
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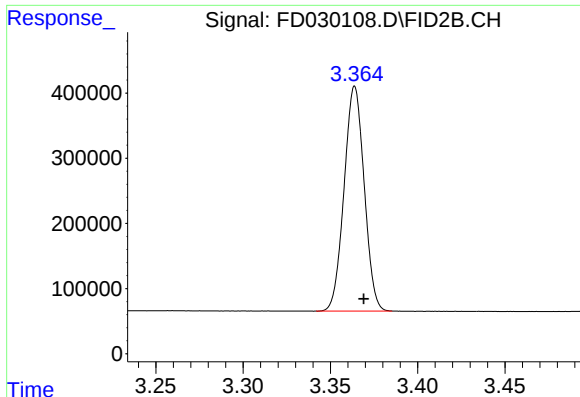
(m)=manual int.

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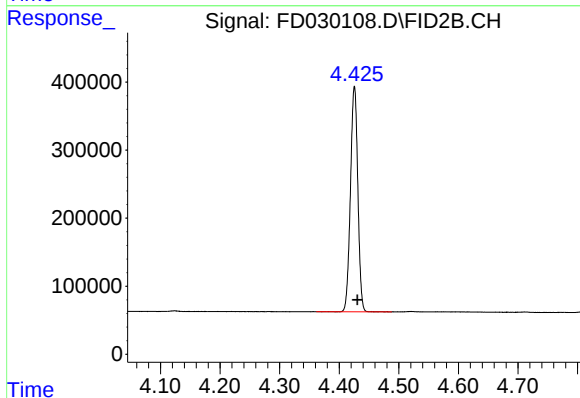
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Signal Info : 20M x 0.18mm x 0.18um





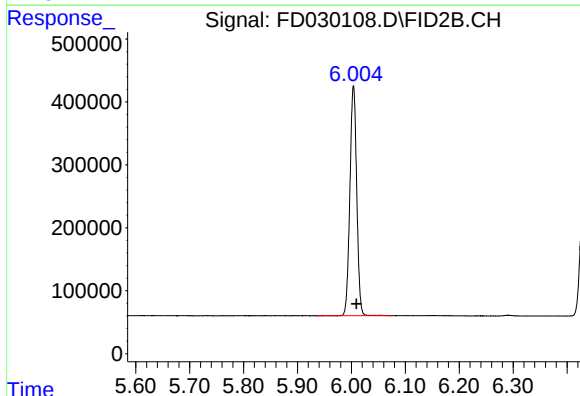
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: -0.005 min
Response: 2764021
Conc: 23.10 ug/ml m



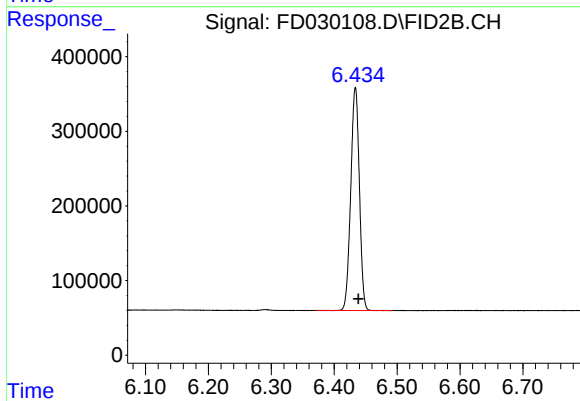
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 2846046
Conc: 23.40 ug/ml



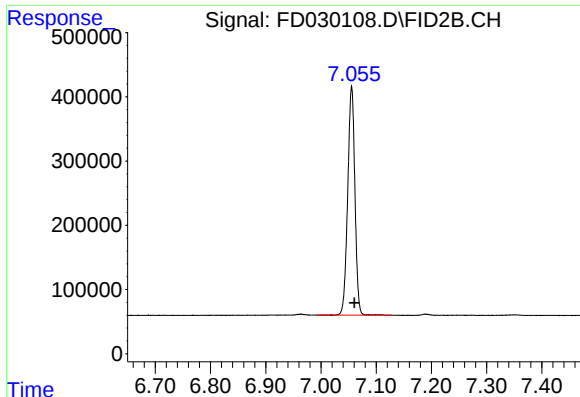
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: -0.005 min
Response: 3210596
Conc: 23.32 ug/ml



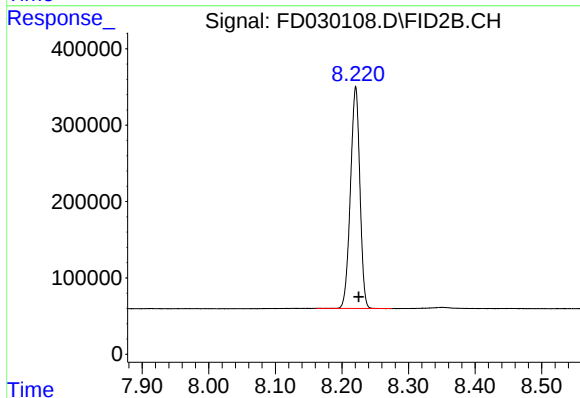
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 2849415
Conc: 23.37 ug/ml



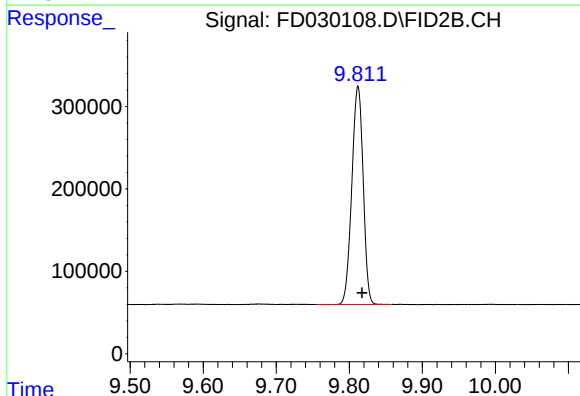
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 3225496
Conc: 23.32 ug/ml



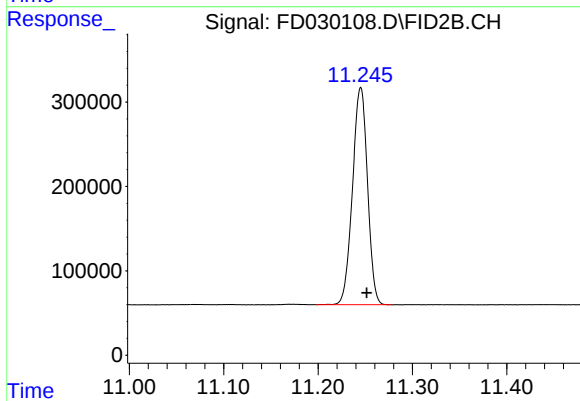
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.005 min
Response: 2859023
Conc: 23.18 ug/ml



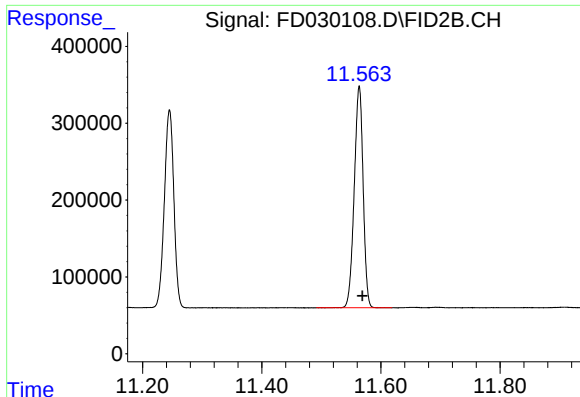
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.006 min
Response: 2856336
Conc: 22.88 ug/ml



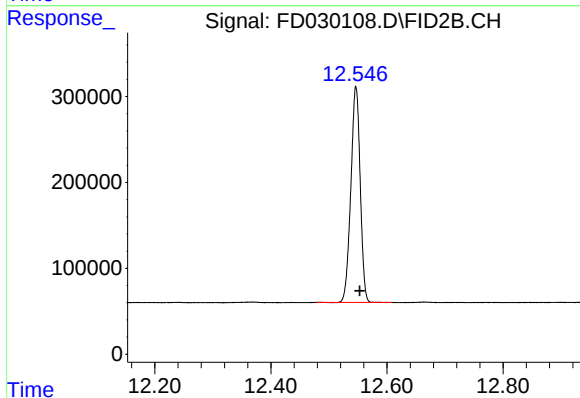
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.006 min
Response: 2844713
Conc: 22.25 ug/ml



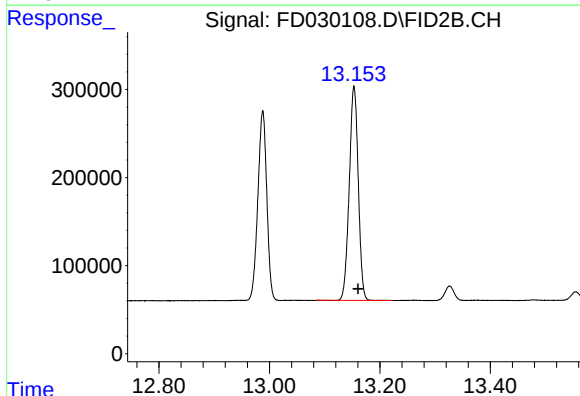
#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.006 min
Response: 2993287
Conc: 21.78 ug/ml



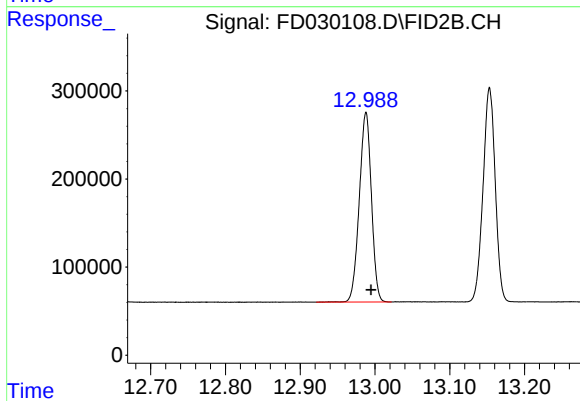
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.006 min
Response: 2811395
Conc: 21.65 ug/ml



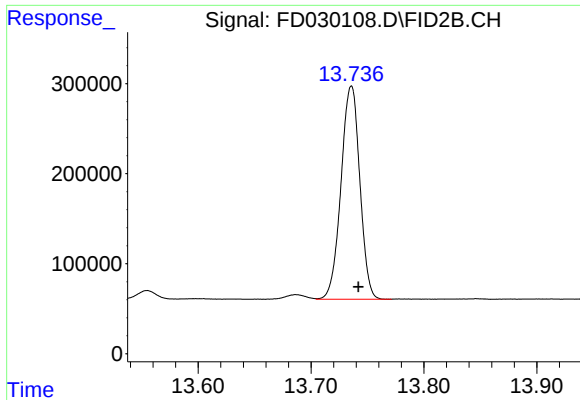
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: -0.007 min
Response: 2760368
Conc: 21.25 ug/ml



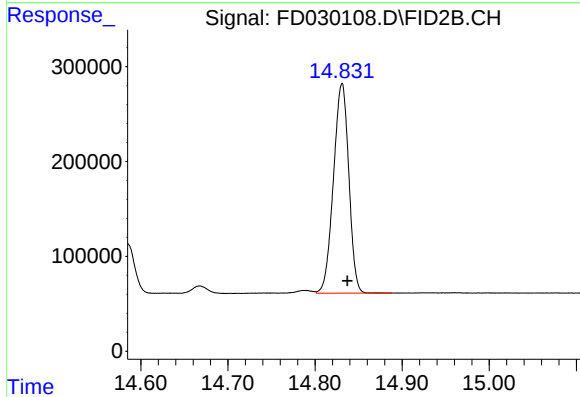
#12 1-chlorooctadecane (SURR)

R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 2420729
Conc: 21.22 ug/ml



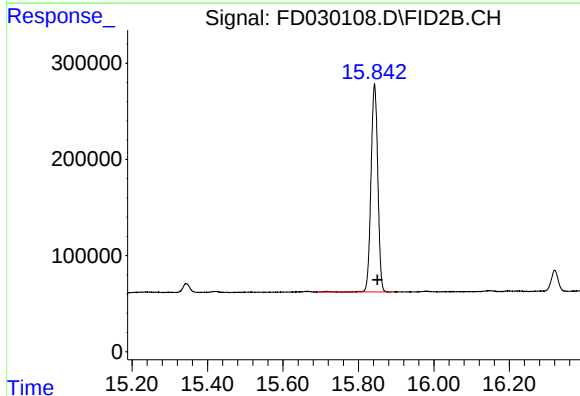
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: -0.007 min
Response: 2742721
Conc: 21.01 ug/ml



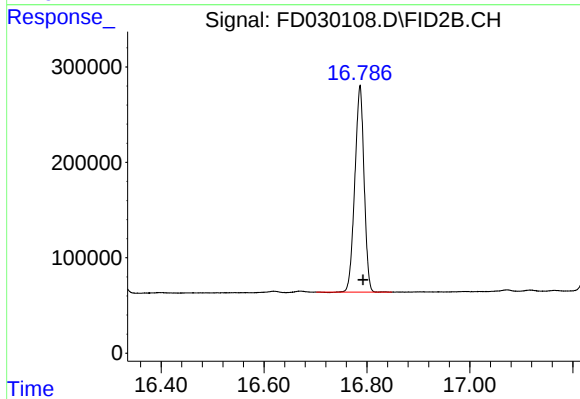
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.006 min
Response: 2702153
Conc: 20.59 ug/ml



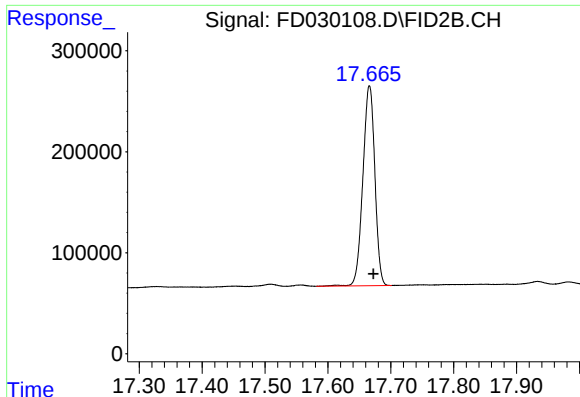
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.007 min
Response: 2703617
Conc: 20.96 ug/ml



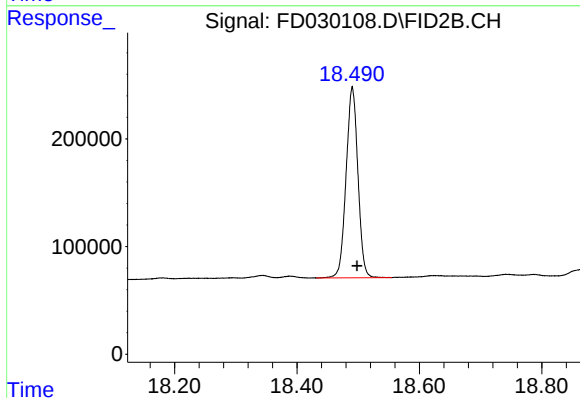
#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.006 min
Response: 2700627
Conc: 21.28 ug/ml



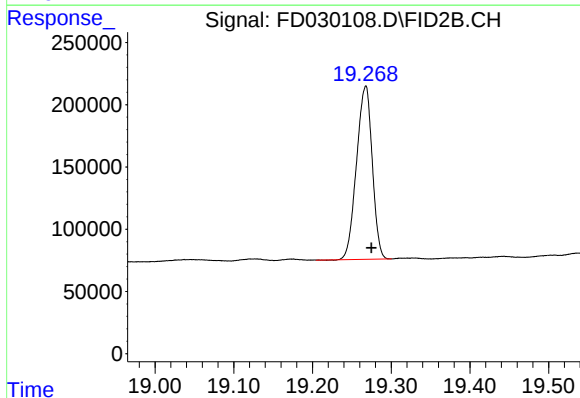
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.006 min
Response: 2617692
Conc: 21.60 ug/ml



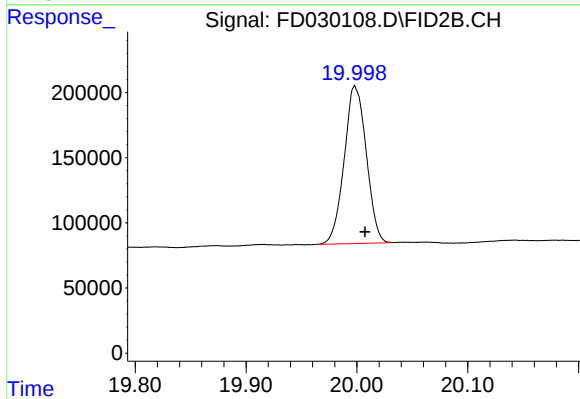
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.007 min
Response: 2372188
Conc: 21.16 ug/ml



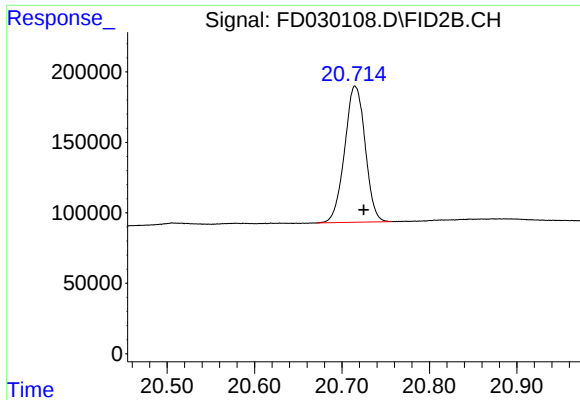
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.008 min
Response: 1931010
Conc: 21.78 ug/ml



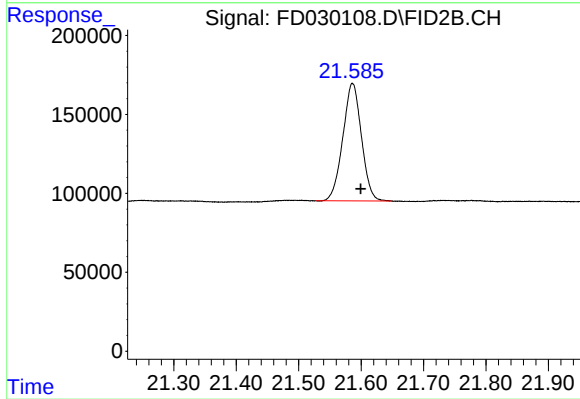
#20 n-Hexatriacontane (C36)

R.T.: 19.998 min
Delta R.T.: -0.009 min
Response: 1677100
Conc: 22.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.011 min
Response: 1573227
Conc: 23.64 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.014 min
Response: 1545785
Conc: 21.88 ug/ml m