

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031120AL\
 Data File : FD032603.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2020 3:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 06:47:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030420.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 05 10:06:03 2020
 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)	11.519	2524385	17.598 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
12) S 1-chlorooctadecane (S...	12.950	1922357	17.210 ug/ml
Spiked Amount 50.000		Recovery =	34.42%
Target Compounds			
1) T n-Nonane (C9)	3.323	2519524	19.844 ug/ml
2) T n-Decane (C10)	4.384	2532732	19.887 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2752411	19.397 ug/ml
4) T n-Dodecane (C12)	6.392	2550391	19.595 ug/ml
5) T A~2-methylnaphthalene...	7.012	2740841	18.944 ug/ml
6) T n-Tetradecane (C14)	8.177	2513175	19.095 ug/ml
7) T n-Hexadecane (C16)	9.769	2459355	18.568 ug/ml
8) T n-Octadecane (C18)	11.205	2399539	18.047 ug/ml
10) T n-Eicosane (C20)	12.507	2322839	17.580 ug/ml
11) T n-Heneicosane (C21)	13.116	2301017	17.363 ug/ml
13) T n-Docosane (C22)	13.701	2247201	17.134 ug/ml
14) T n-Tetracosane (C24)	14.798	2187484	16.802 ug/ml
15) T n-Hexacosane (C26)	15.814	2120820	16.649 ug/ml
16) T n-Octacosane (C28)	16.759	2060136	16.656 ug/ml
17) T n-Tricontane (C30)	17.641	1996731	16.962 ug/ml
18) T n-Dotriacontane (C32)	18.468	1722348	17.248 ug/ml
19) T n-Tetratriacontane (C34)	19.248	1499463	17.710 ug/ml
20) T n-Hexatriacontane (C36)	19.984	1399495	17.995 ug/ml
21) T n-Octatriacontane (C38)	20.699	1371573	18.540 ug/ml
22) T n-Tetracontane (C40)	21.563	1513238	18.673 ug/ml

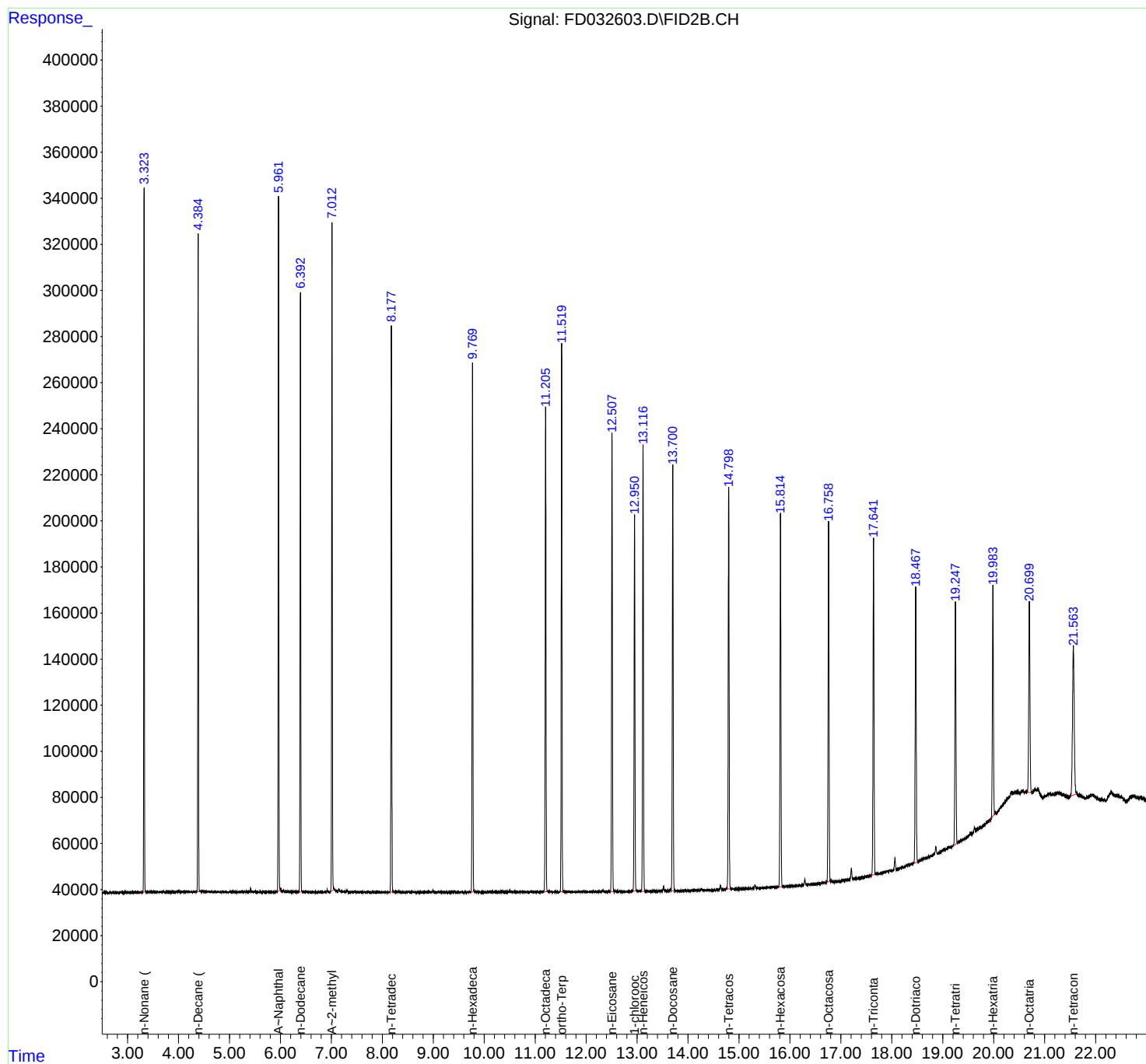
(f)=RT Delta > 1/2 Window

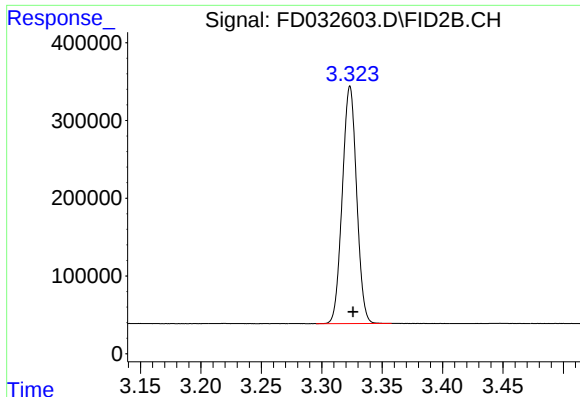
(m)=manual int.

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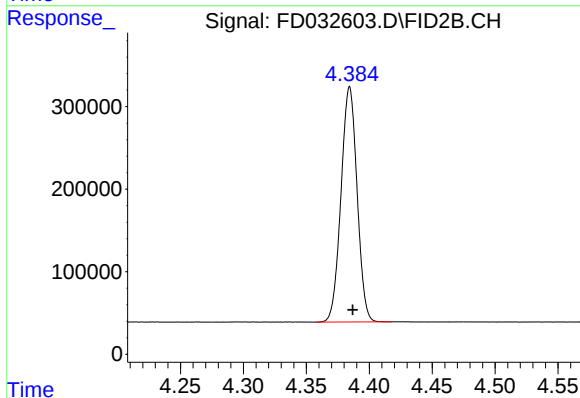
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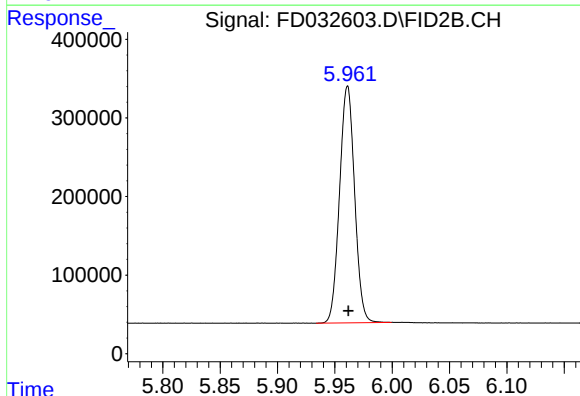
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 2519524
Conc: 19.84 ug/ml



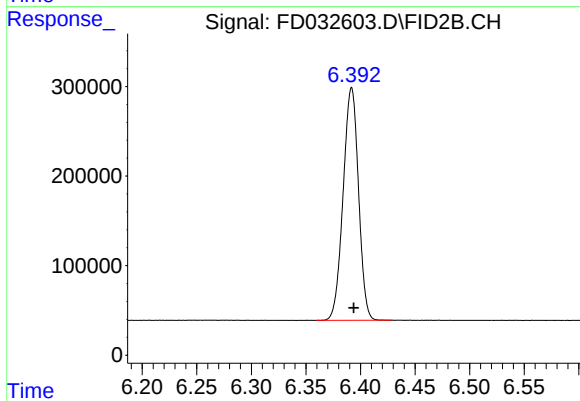
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: -0.002 min
Response: 2532732
Conc: 19.89 ug/ml



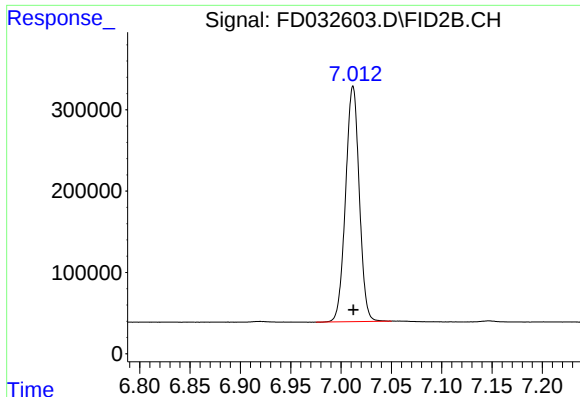
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 2752411
Conc: 19.40 ug/ml



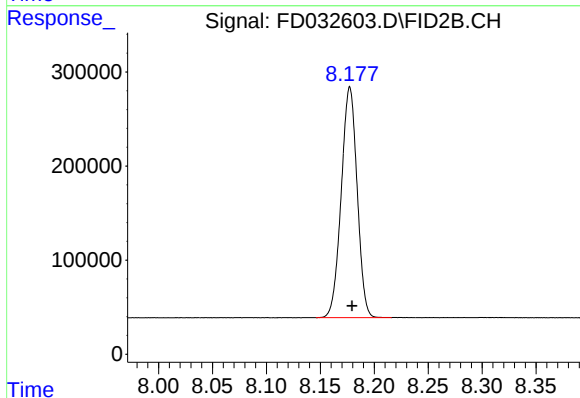
#4 n-Dodecane (C12)

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 2550391
Conc: 19.59 ug/ml



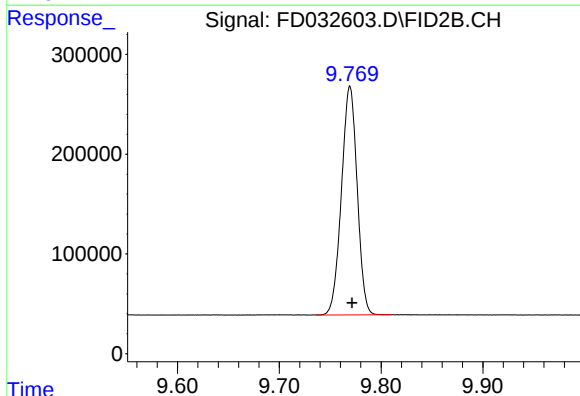
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 2740841
Conc: 18.94 ug/ml



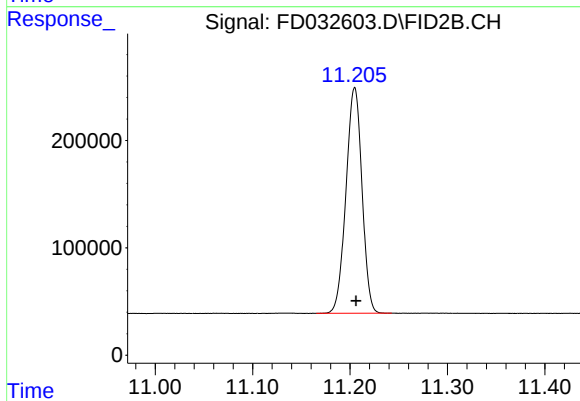
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 2513175
Conc: 19.10 ug/ml



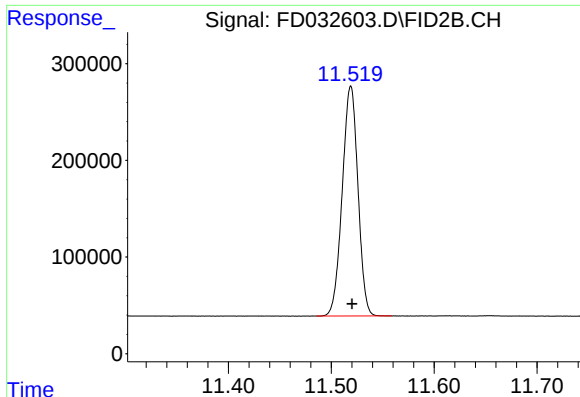
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.002 min
Response: 2459355
Conc: 18.57 ug/ml



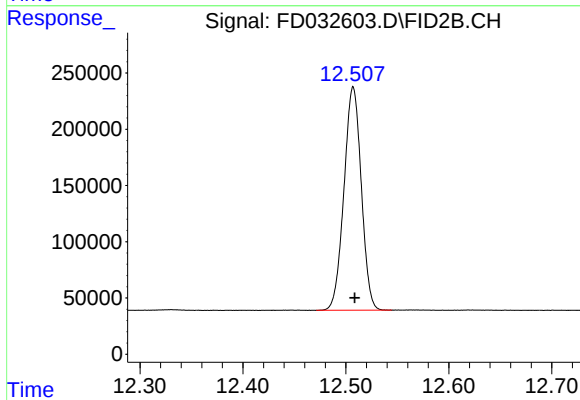
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.001 min
Response: 2399539
Conc: 18.05 ug/ml



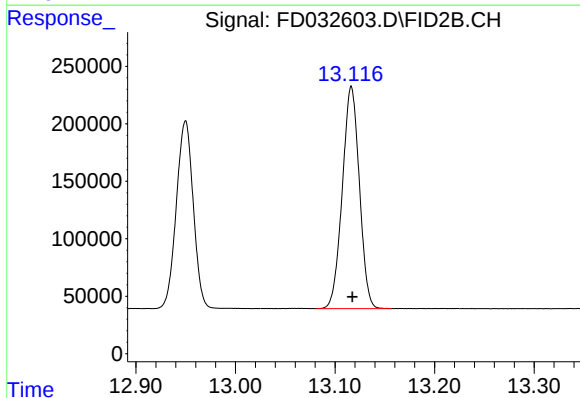
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.001 min
Response: 2524385
Conc: 17.60 ug/ml



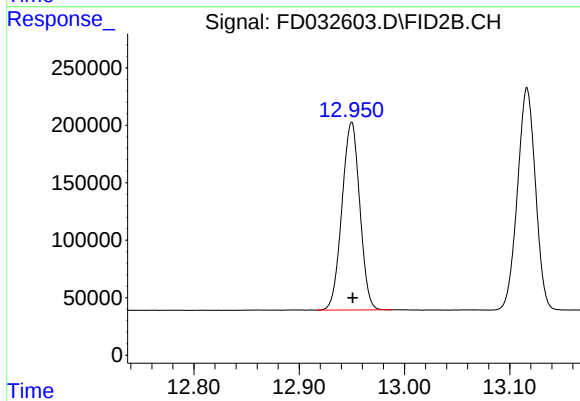
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.002 min
Response: 2322839
Conc: 17.58 ug/ml



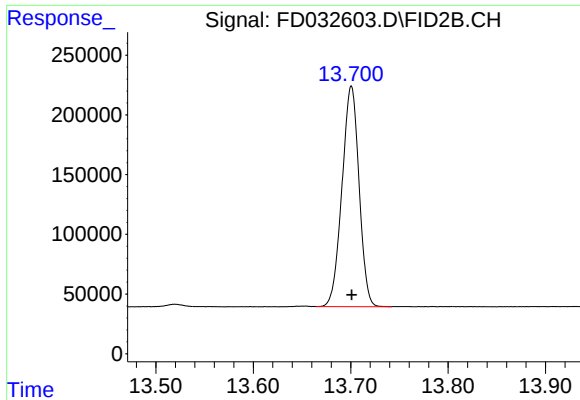
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2301017
Conc: 17.36 ug/ml



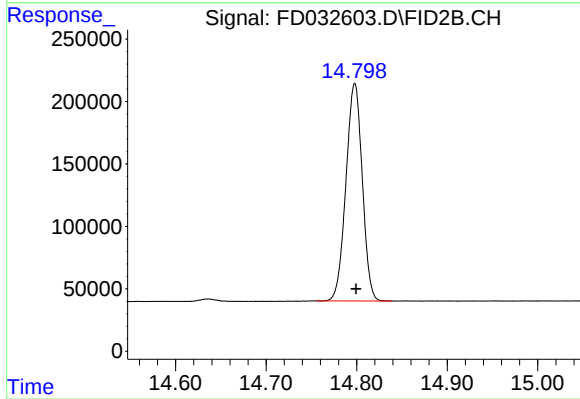
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.000 min
Response: 1922357
Conc: 17.21 ug/ml



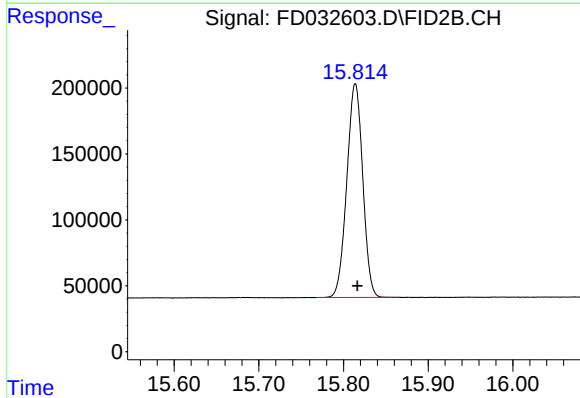
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 2247201
Conc: 17.13 ug/ml



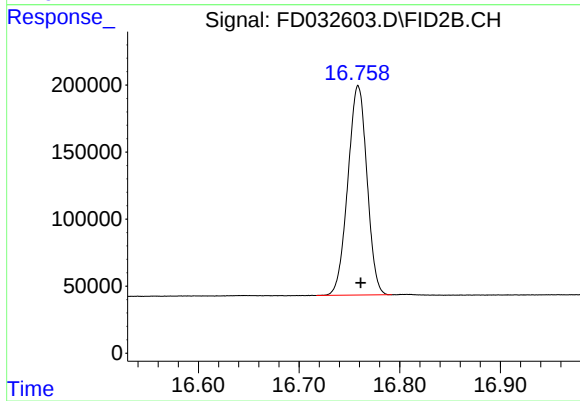
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: -0.001 min
Response: 2187484
Conc: 16.80 ug/ml



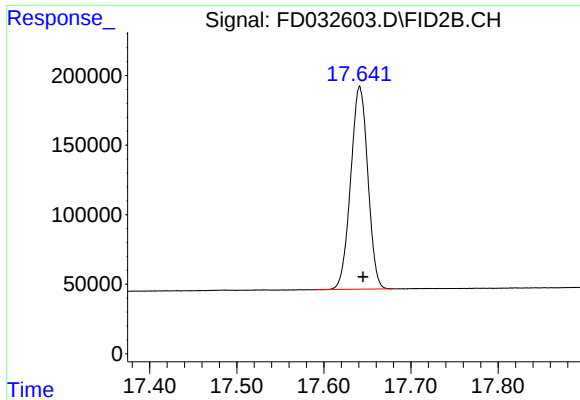
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.002 min
Response: 2120820
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: -0.002 min
Response: 2060136
Conc: 16.66 ug/ml



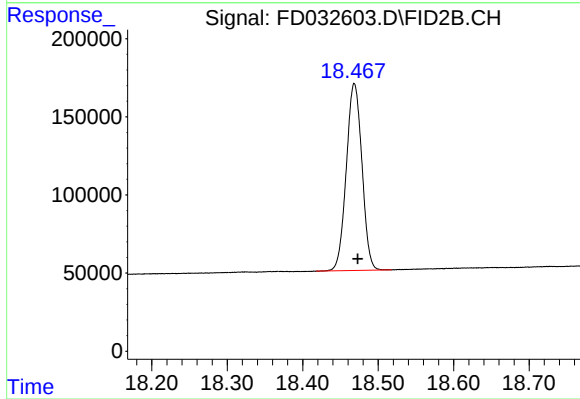
#17 n-Tricontane (C30)

R.T.: 17.641 min

Delta R.T.: -0.004 min

Response: 1996731

Conc: 16.96 ug/ml



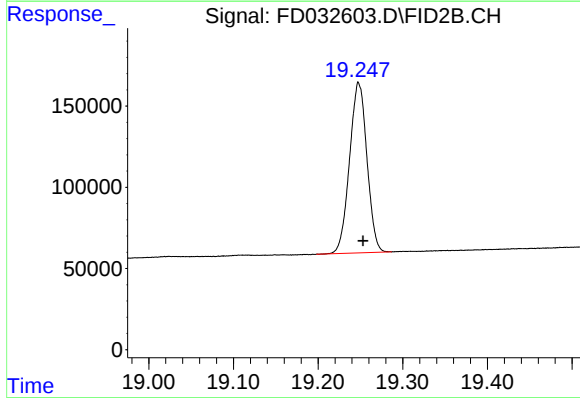
#18 n-Dotriacontane (C32)

R.T.: 18.468 min

Delta R.T.: -0.005 min

Response: 1722348

Conc: 17.25 ug/ml



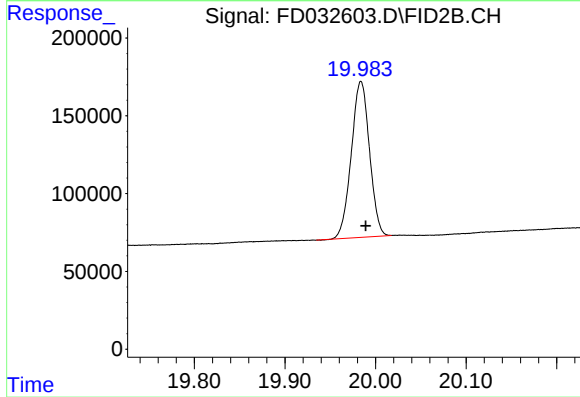
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min

Delta R.T.: -0.005 min

Response: 1499463

Conc: 17.71 ug/ml



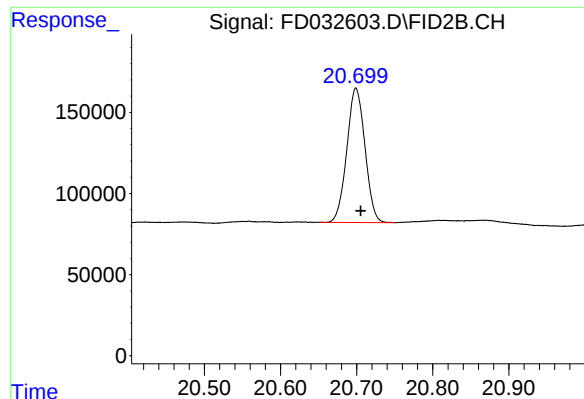
#20 n-Hexatriacontane (C36)

R.T.: 19.984 min

Delta R.T.: -0.005 min

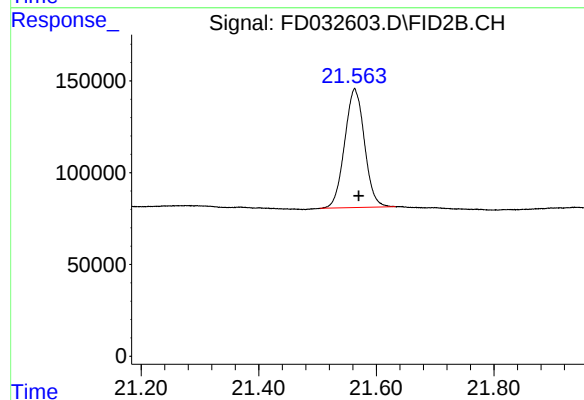
Response: 1399495

Conc: 18.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.006 min
Response: 1371573
Conc: 18.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: -0.007 min
Response: 1513238
Conc: 18.67 ug/ml