

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040521AL\
 Data File : FC052961.D
 Signal(s) : FID1A.CH
 Acq On : 05 Apr 2021 11:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 03:56:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.560	2478917	18.494 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
12) S 1-chlorooctadecane (S...	12.997	1915283	17.757 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T n-Nonane (C9)	3.316	2453695	21.125 ug/ml
2) T n-Decane (C10)	4.382	2487609	21.228 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2732090	20.867 ug/ml
4) T n-Dodecane (C12)	6.401	2533887	21.104 ug/ml
5) T A~2-methylnaphthalene...	7.026	2762135	20.635 ug/ml
6) T n-Tetradecane (C14)	8.198	2502266	20.689 ug/ml
7) T n-Hexadecane (C16)	9.800	2408734	20.028 ug/ml
8) T n-Octadecane (C18)	11.242	2424699	19.218 ug/ml
10) T n-Eicosane (C20)	12.552	2329832	18.245 ug/ml
11) T n-Heneicosane (C21)	13.165	2265817	17.826 ug/ml
13) T n-Docosane (C22)	13.751	2212020	17.461 ug/ml
14) T n-Tetracosane (C24)	14.855	2095605	16.775 ug/ml
15) T n-Hexacosane (C26)	15.876	1997446	16.588 ug/ml
16) T n-Octacosane (C28)	16.826	1949866	16.912 ug/ml
17) T n-Tricontane (C30)	17.713	1925905	17.677 ug/ml
18) T n-Dotriacontane (C32)	18.546	1905793	18.994 ug/ml
19) T n-Tetratriacontane (C34)	19.330	1904280	20.717 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1929433	21.159 ug/ml
21) T n-Octatriacontane (C38)	20.801	1832666	22.455 ug/ml
22) T n-Tetracontane (C40)	21.705	1891102	21.954 ug/ml

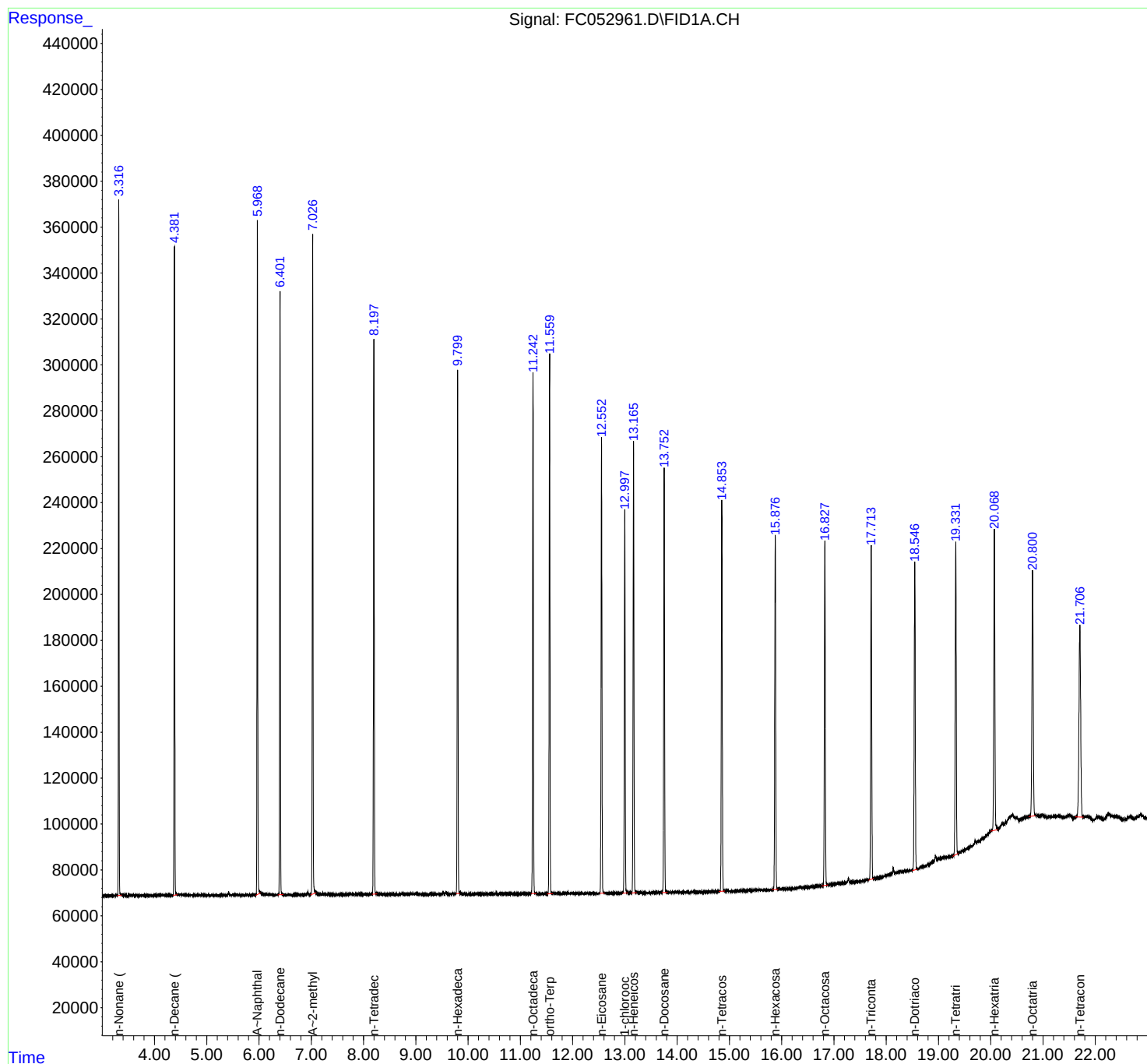
(f)=RT Delta > 1/2 Window

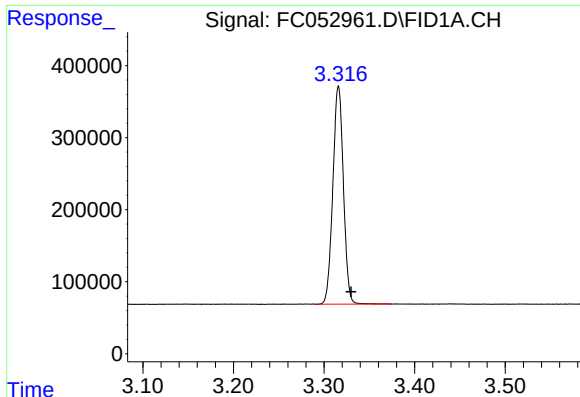
(m)=manual int.

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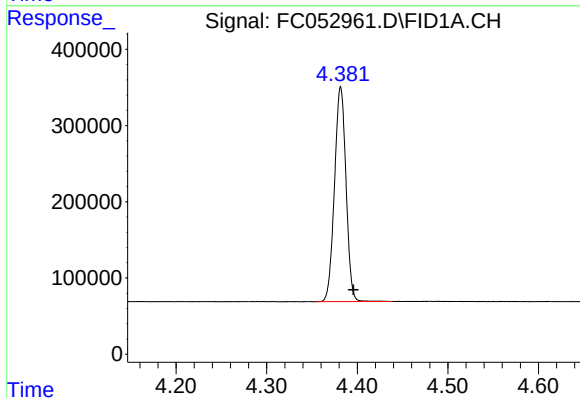
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Signal Info : 20M x 0.18mm x 0.18um





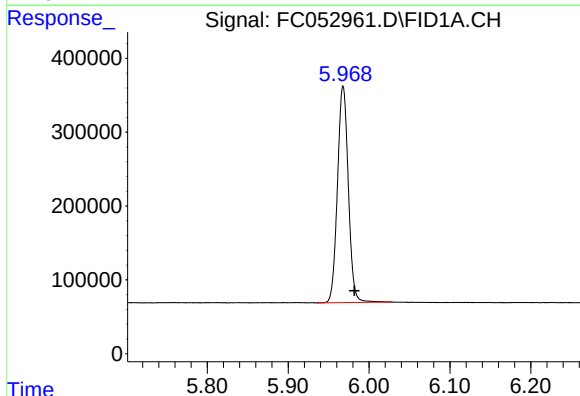
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: -0.014 min
Response: 2453695
Conc: 21.13 ug/ml



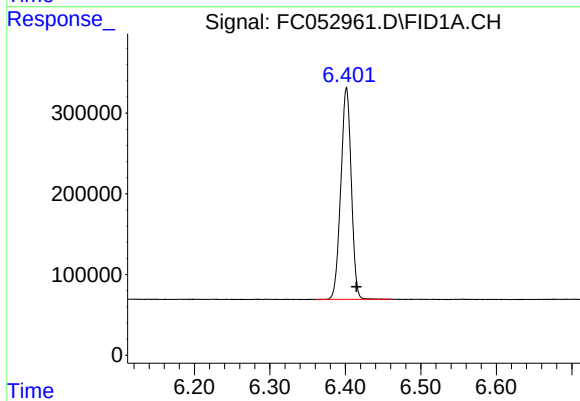
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.014 min
Response: 2487609
Conc: 21.23 ug/ml



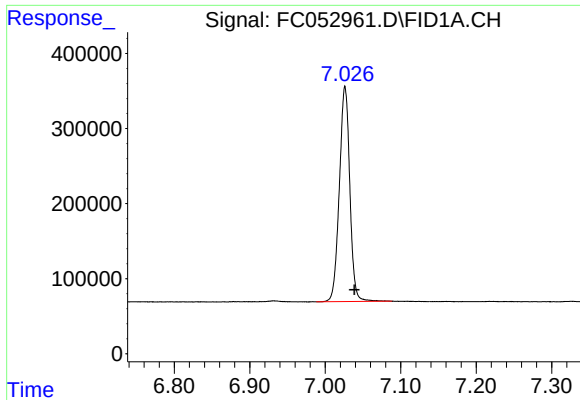
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.014 min
Response: 2732090
Conc: 20.87 ug/ml



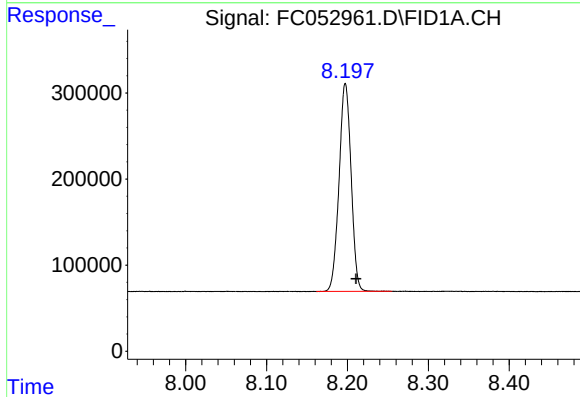
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.013 min
Response: 2533887
Conc: 21.10 ug/ml



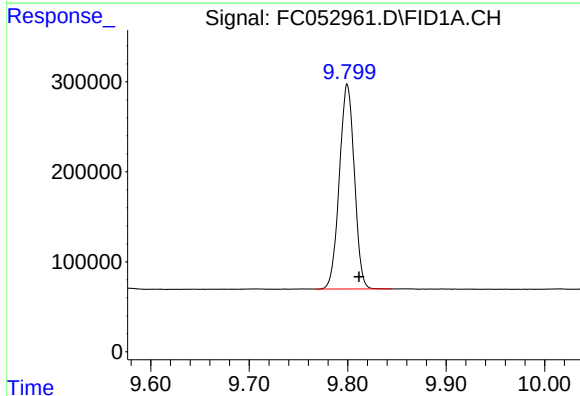
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.013 min
Response: 2762135
Conc: 20.63 ug/ml



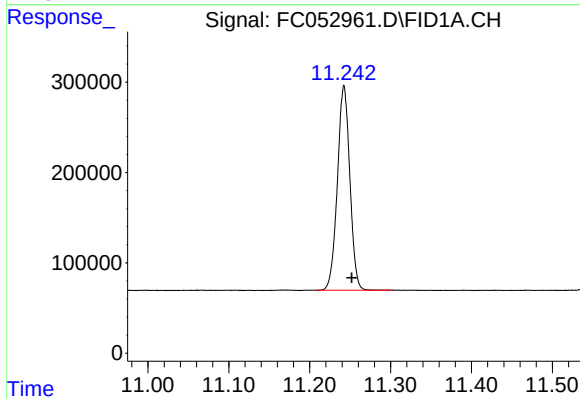
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.013 min
Response: 2502266
Conc: 20.69 ug/ml



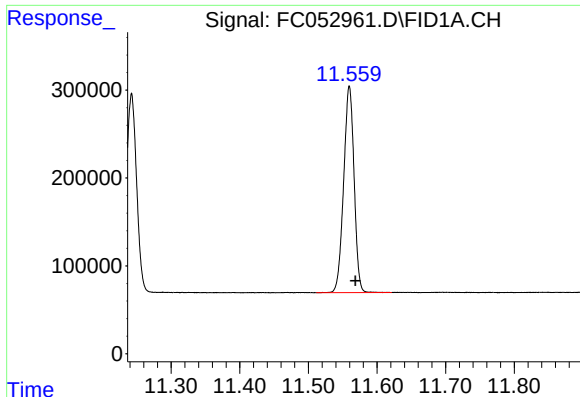
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.012 min
Response: 2408734
Conc: 20.03 ug/ml



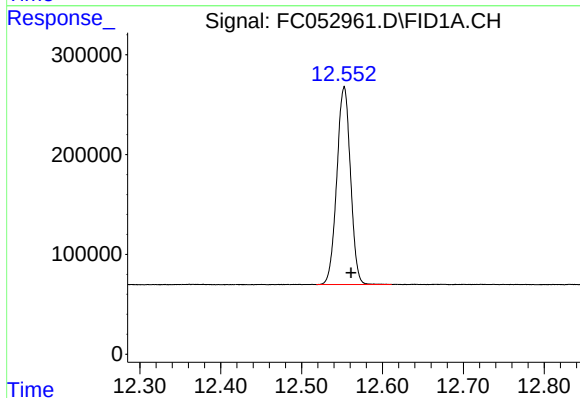
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.009 min
Response: 2424699
Conc: 19.22 ug/ml



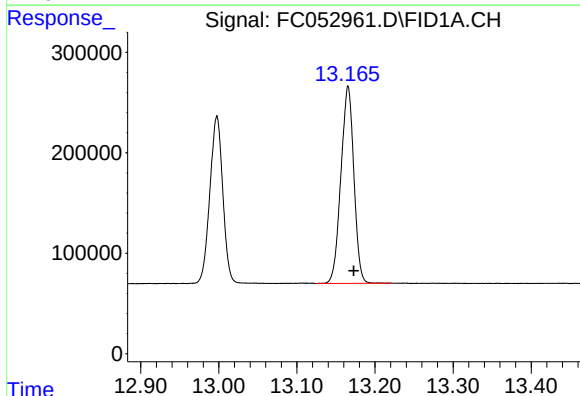
#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: -0.009 min
Response: 2478917
Conc: 18.49 ug/ml



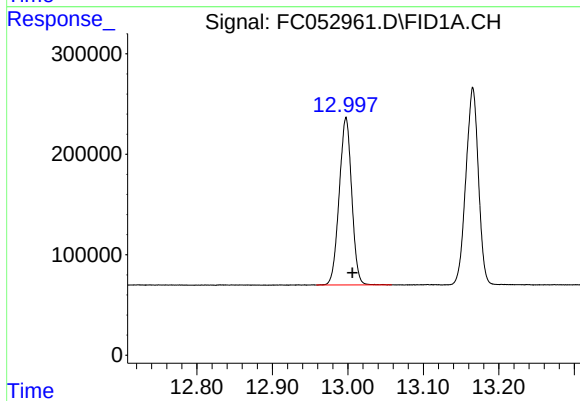
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.009 min
Response: 2329832
Conc: 18.25 ug/ml



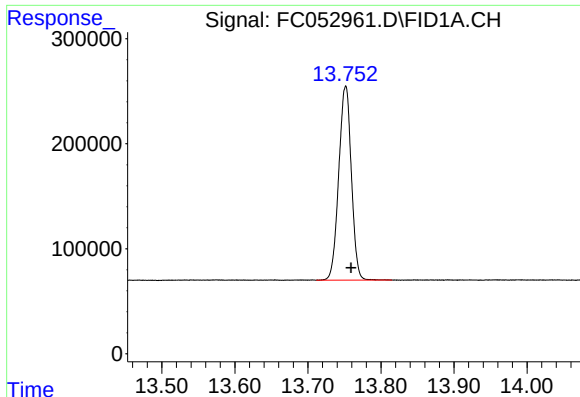
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.007 min
Response: 2265817
Conc: 17.83 ug/ml



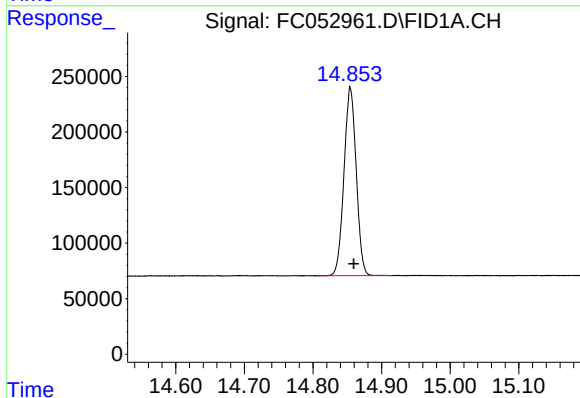
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.009 min
Response: 1915283
Conc: 17.76 ug/ml



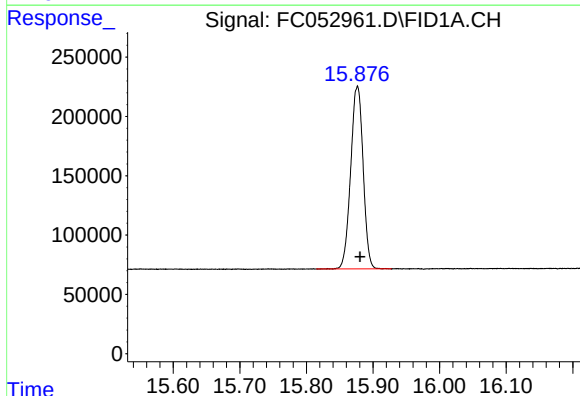
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.008 min
Response: 2212020
Conc: 17.46 ug/ml



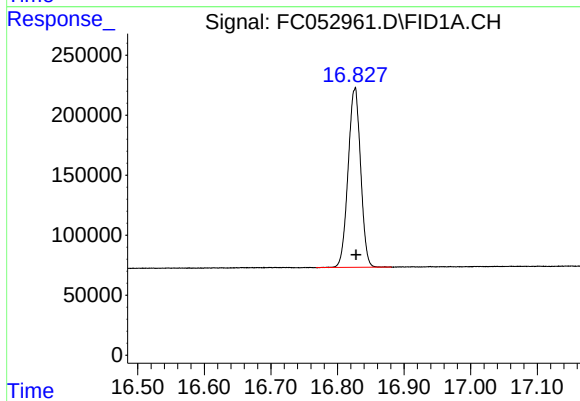
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 2095605
Conc: 16.78 ug/ml



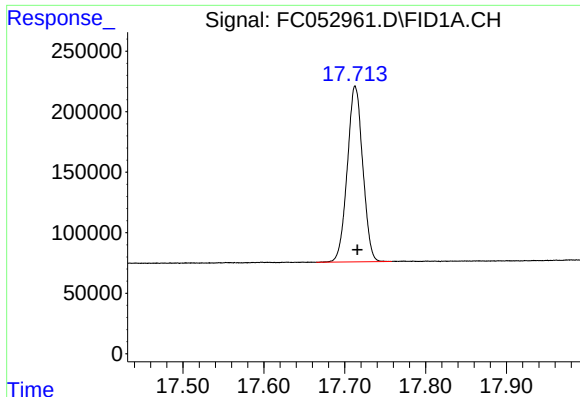
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.004 min
Response: 1997446
Conc: 16.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.002 min
Response: 1949866
Conc: 16.91 ug/ml



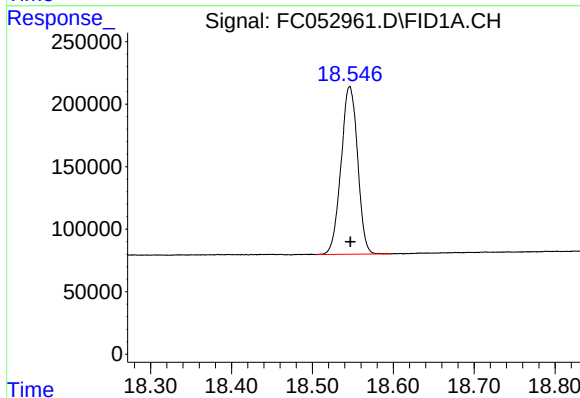
#17 n-Tricontane (C30)

R.T.: 17.713 min

Delta R.T.: -0.003 min

Response: 1925905

Conc: 17.68 ug/ml



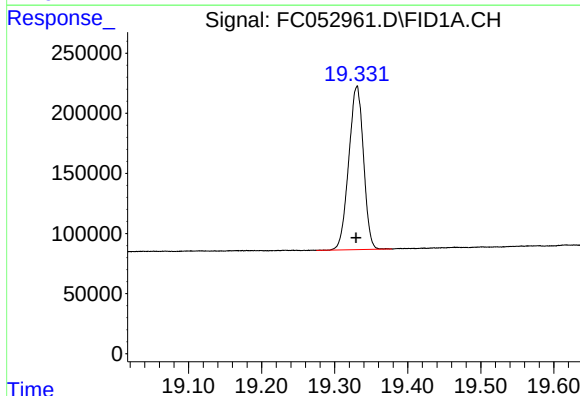
#18 n-Dotriacontane (C32)

R.T.: 18.546 min

Delta R.T.: 0.000 min

Response: 1905793

Conc: 18.99 ug/ml



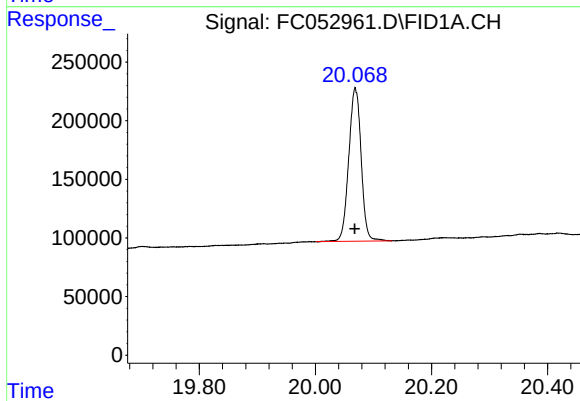
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min

Delta R.T.: 0.000 min

Response: 1904280

Conc: 20.72 ug/ml



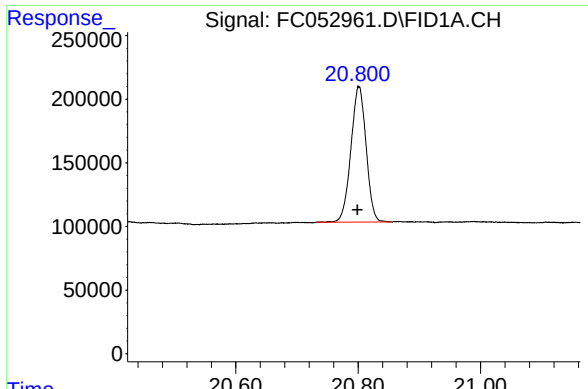
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min

Delta R.T.: 0.001 min

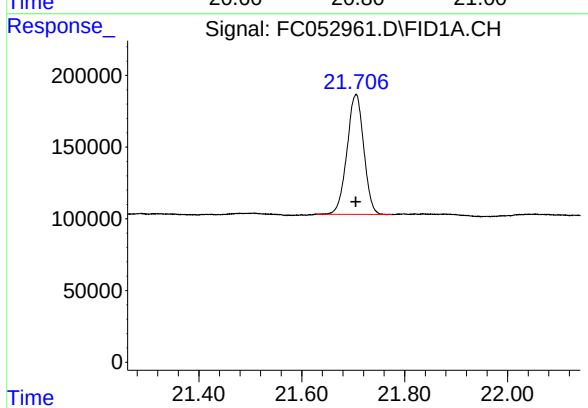
Response: 1929433

Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.002 min
Response: 1832666
Conc: 22.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: 0.000 min
Response: 1891102
Conc: 21.95 ug/ml