

Data Path : P:\HPCHEM1\FID D\Data\FD042318AL\
 Data File : FD023252.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2018 6:07
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 24 07:00:55 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 041718.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 18 01:21:26 2018
 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)	11.158	2198301	16.937 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
12) S 1-chlorooctadecane (S...	12.600	1815132	16.997 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
Target Compounds			
1) T n-Nonane (C9)	3.014	2188176	17.779 ug/ml
2) T n-Decane (C10)	4.062	2215259	17.708 ug/ml
3) T A-Naphthalene (C11.7)	5.622	2258347	17.880 ug/ml
4) T n-Dodecane (C12)	6.060	2248397	17.470 ug/ml
6) T n-Tetradecane (C14)	7.840	2209705	16.942 ug/ml
7) T n-Hexadecane (C16)	9.428	2155705	16.703 ug/ml
8) T n-Octadecane (C18)	10.859	2078195	16.617 ug/ml
10) T n-Eicosane (C20)	12.161	2082785	16.755 ug/ml
11) T n-Heneicosane (C21)	12.769	2064825	16.880 ug/ml
13) T n-Docosane (C22)	13.350	2067623	17.045 ug/ml
14) T n-Tetracosane (C24)	14.447	2089352	17.634 ug/ml
15) T n-Hexacosane (C26)	15.462	2059637	17.687 ug/ml
16) T n-Octacosane (C28)	16.405	2105020	17.872 ug/ml
17) T n-Tricontane (C30)	17.288	2078622	17.806 ug/ml
18) T n-Dotriacontane (C32)	18.116	2104370	17.393 ug/ml
19) T n-Tetratriacontane (C34)	18.894	2126455	17.520 ug/ml
20) T n-Hexatriacontane (C36)	19.630	2099640	17.359 ug/ml
21) T n-Octatriacontane (C38)	20.326	2342142	19.197 ug/ml
22) T n-Tetracontane (C40)	21.079	2067138	16.392 ug/ml

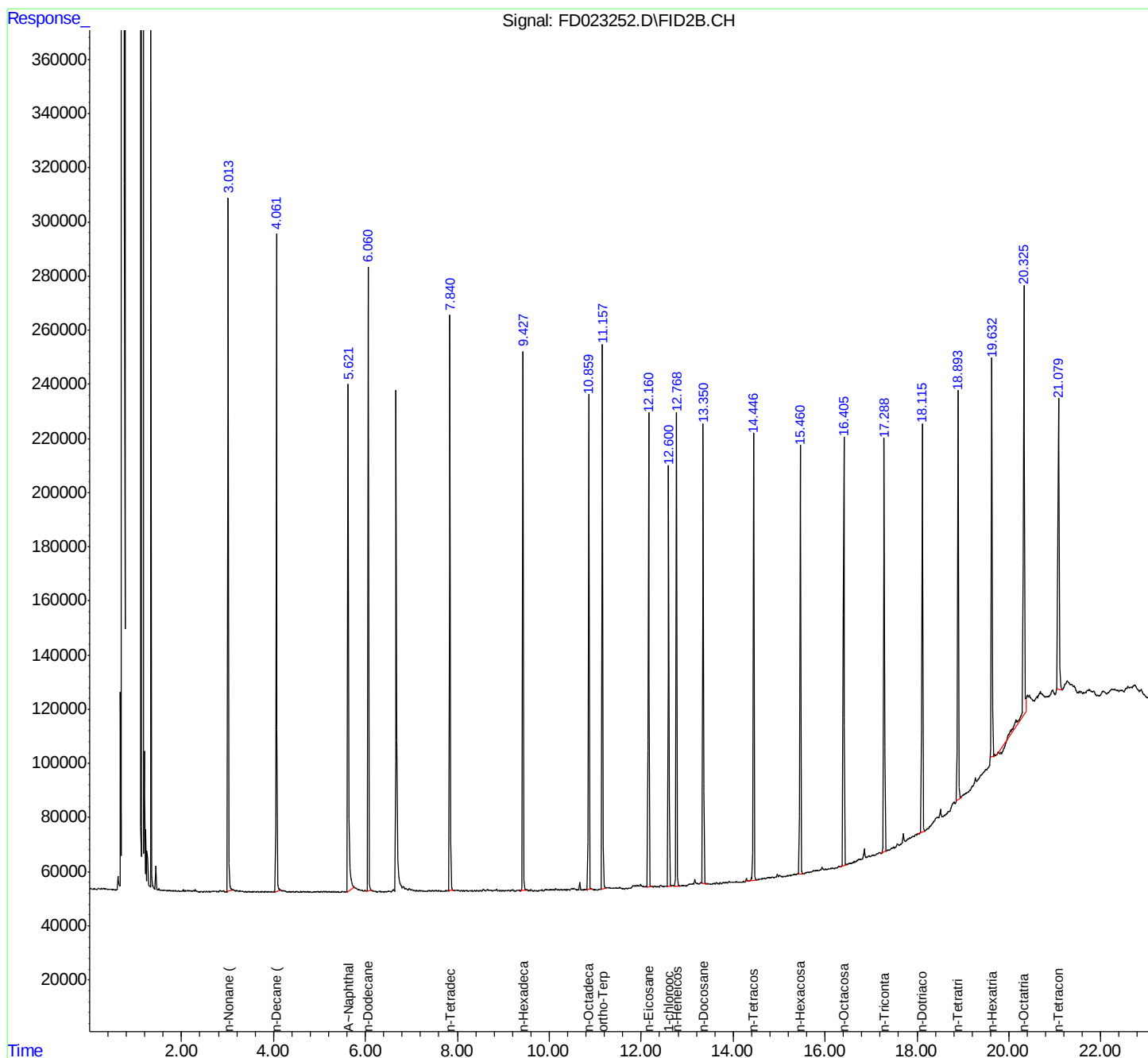
(f)=RT Delta > 1/2 Window

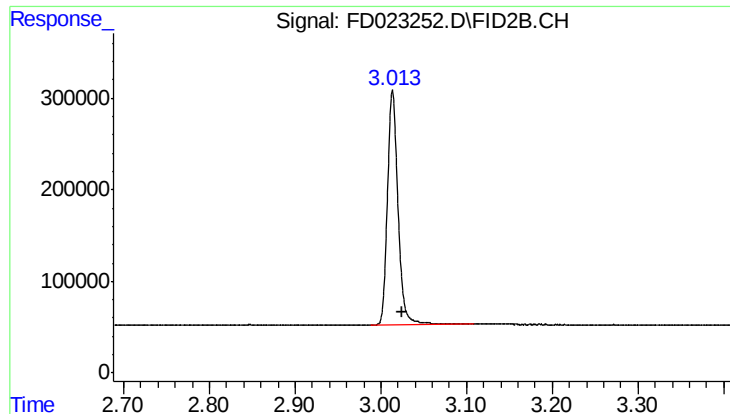
(m)=manual int.

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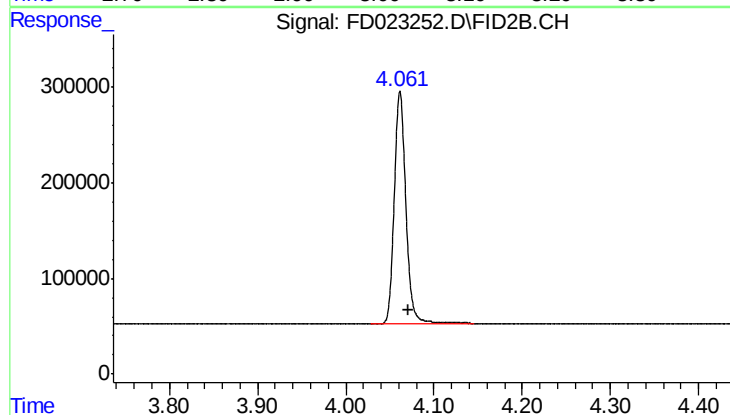
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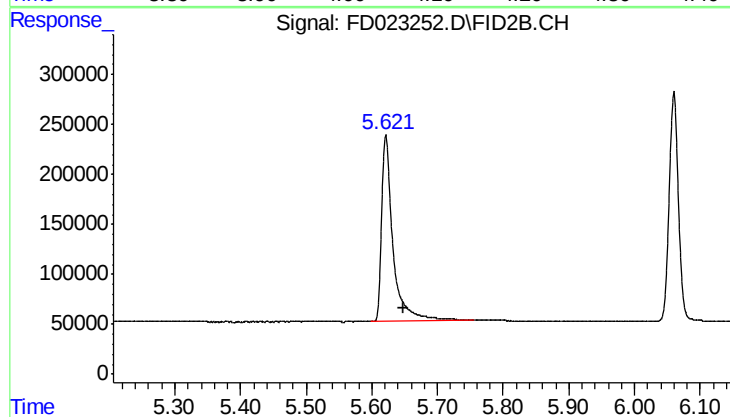
#1 n-Nonane (C9)

R.T.: 3.014 min
Delta R.T.: -0.011 min
Response: 2188176
Conc: 17.78 ug/ml



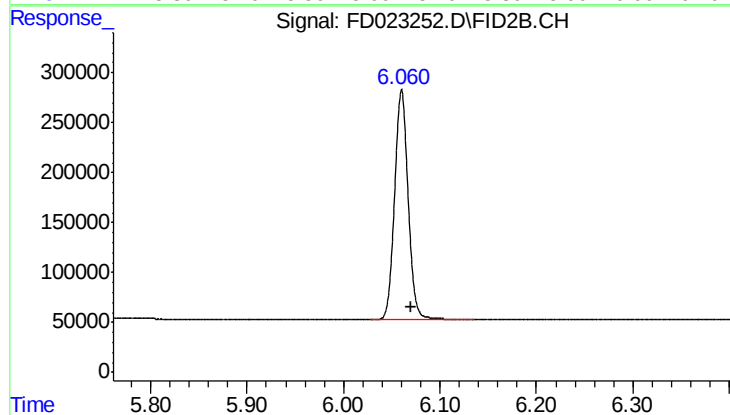
#2 n-Decane (C10)

R.T.: 4.062 min
Delta R.T.: -0.010 min
Response: 2215259
Conc: 17.71 ug/ml



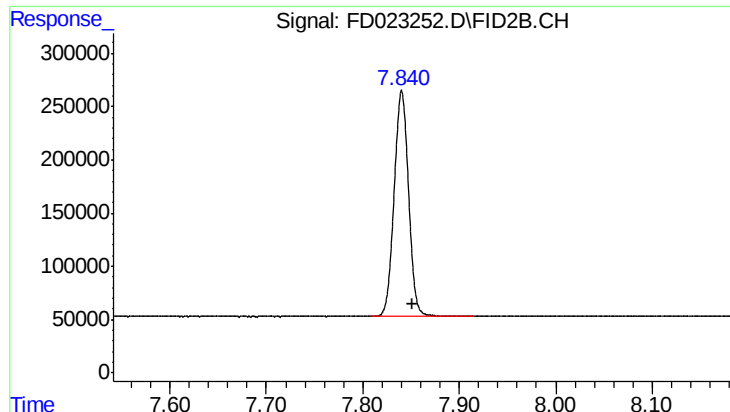
#3 A-Naphthalene (C11.7)

R.T.: 5.622 min
Delta R.T.: -0.026 min
Response: 2258347
Conc: 17.88 ug/ml



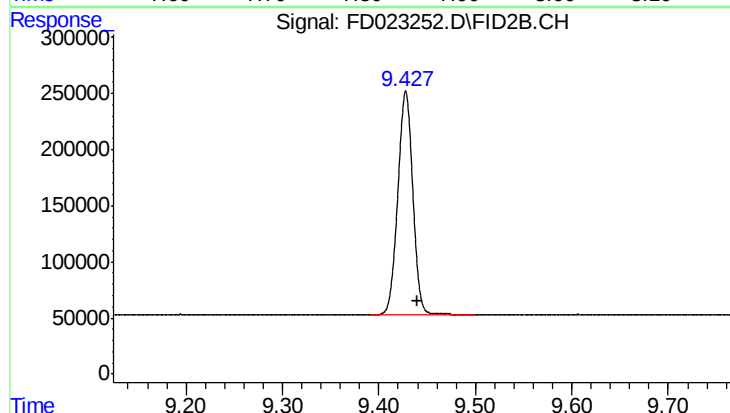
#4 n-Dodecane (C12)

R.T.: 6.060 min
Delta R.T.: -0.010 min
Response: 2248397
Conc: 17.47 ug/ml



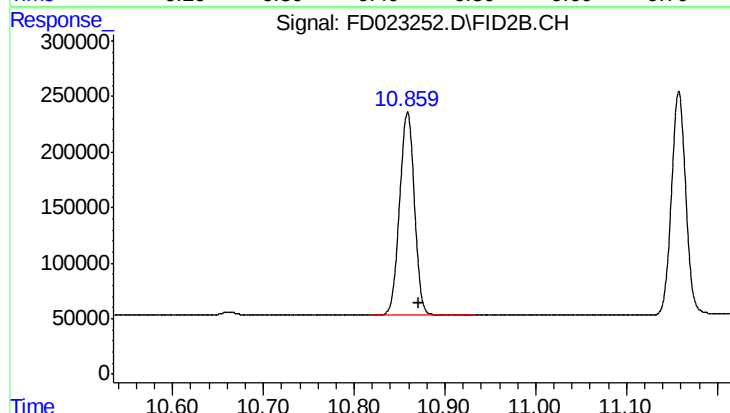
#6 n-Tetradecane (C14)

R.T.: 7.840 min
Delta R.T.: -0.011 min
Response: 2209705
Conc: 16.94 ug/ml



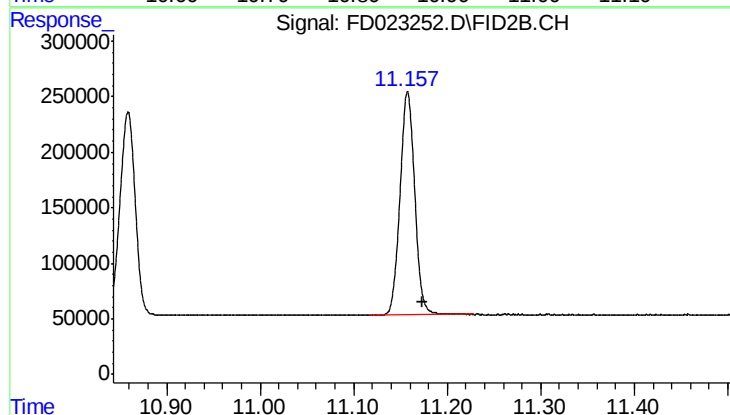
#7 n-Hexadecane (C16)

R.T.: 9.428 min
Delta R.T.: -0.011 min
Response: 2155705
Conc: 16.70 ug/ml



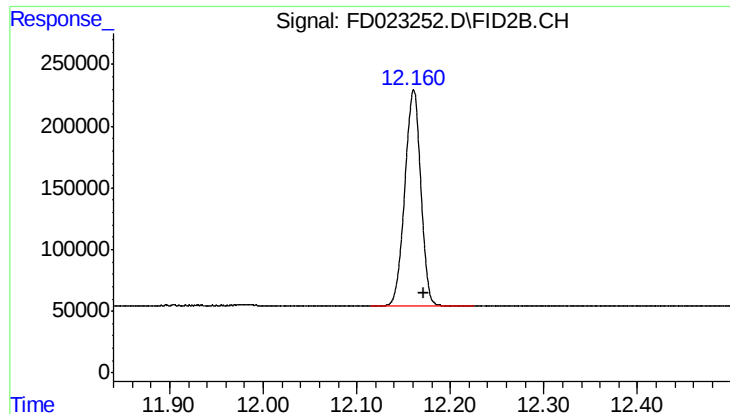
#8 n-Octadecane (C18)

R.T.: 10.859 min
Delta R.T.: -0.012 min
Response: 2078195
Conc: 16.62 ug/ml



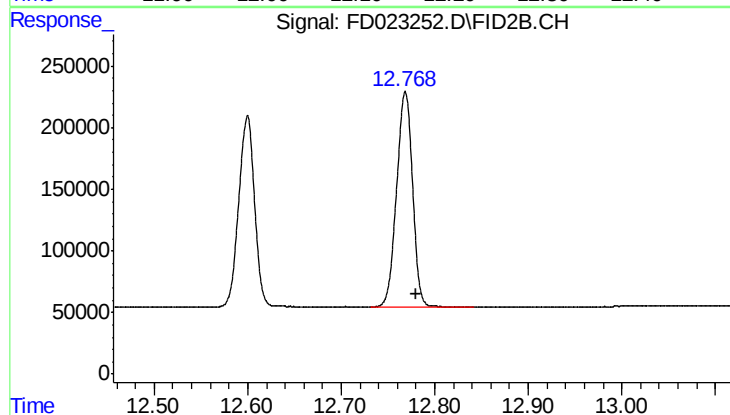
#9 ortho-Terphenyl (SURR)

R.T.: 11.158 min
Delta R.T.: -0.015 min
Response: 2198301
Conc: 16.94 ug/ml



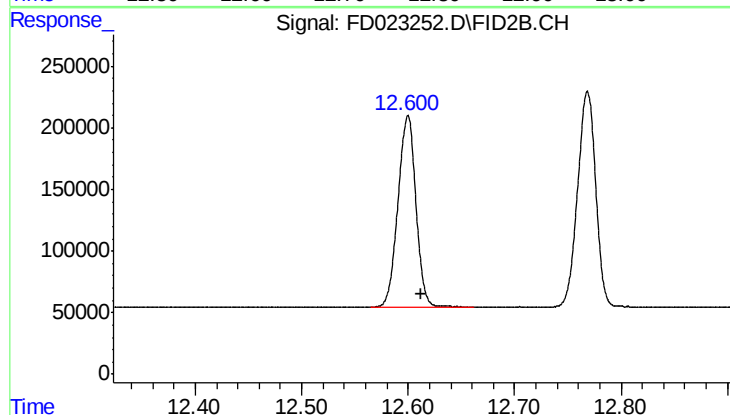
#10 n-Eicosane (C20)

R.T.: 12.161 min
Delta R.T.: -0.011 min
Response: 2082785
Conc: 16.76 ug/ml



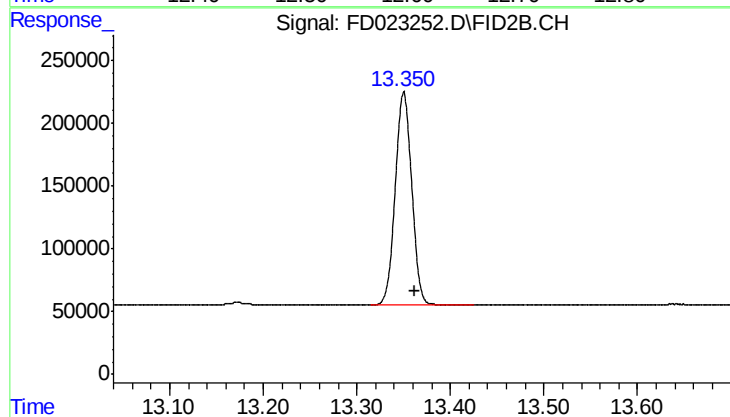
#11 n-Heneicosane (C21)

R.T.: 12.769 min
Delta R.T.: -0.012 min
Response: 2064825
Conc: 16.88 ug/ml



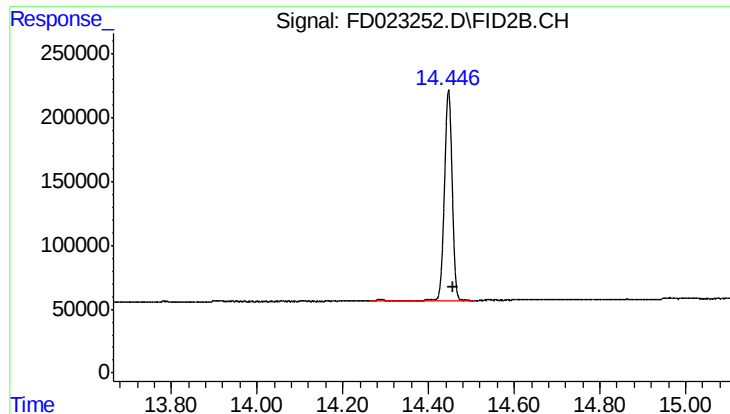
#12 1-chlorooctadecane (SURR)

R.T.: 12.600 min
Delta R.T.: -0.013 min
Response: 1815132
Conc: 17.00 ug/ml



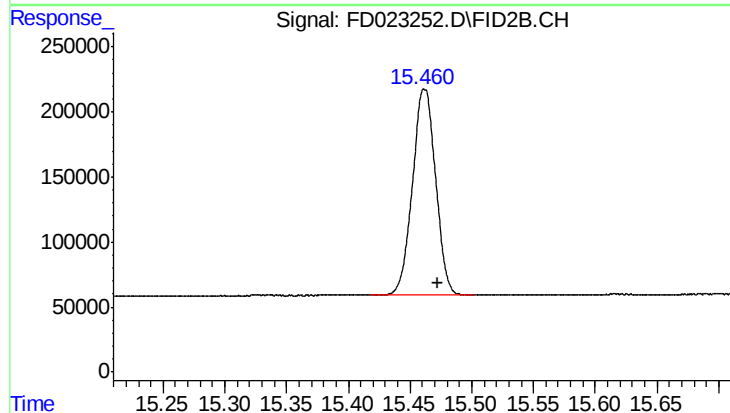
#13 n-Docosane (C22)

R.T.: 13.350 min
Delta R.T.: -0.012 min
Response: 2067623
Conc: 17.04 ug/ml



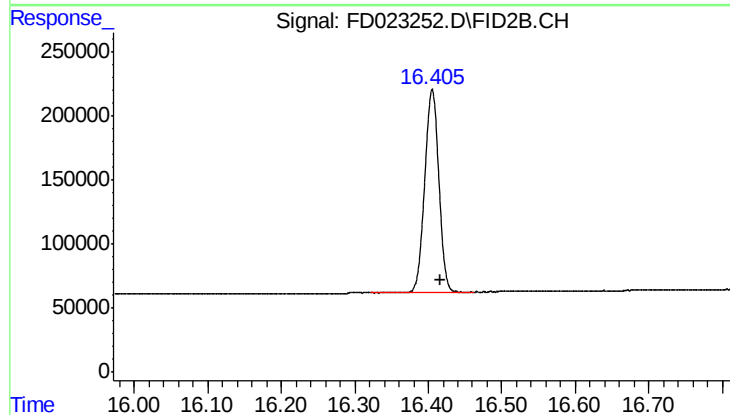
#14 n-Tetracosane (C24)

R.T.: 14.447 min
Delta R.T.: -0.012 min
Response: 2089352
Conc: 17.63 ug/ml



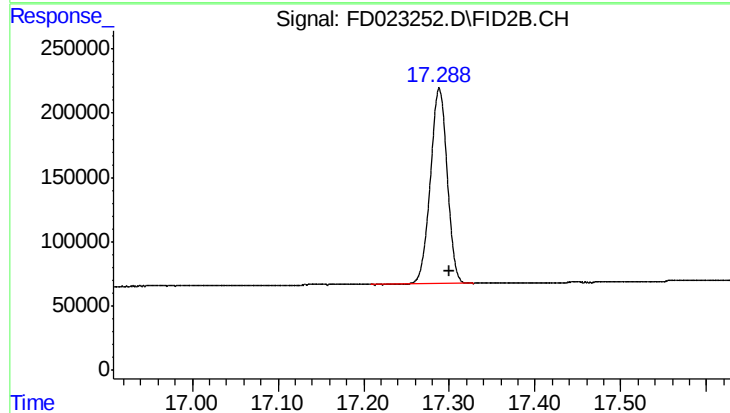
#15 n-Hexacosane (C26)

R.T.: 15.462 min
Delta R.T.: -0.011 min
Response: 2059637
Conc: 17.69 ug/ml



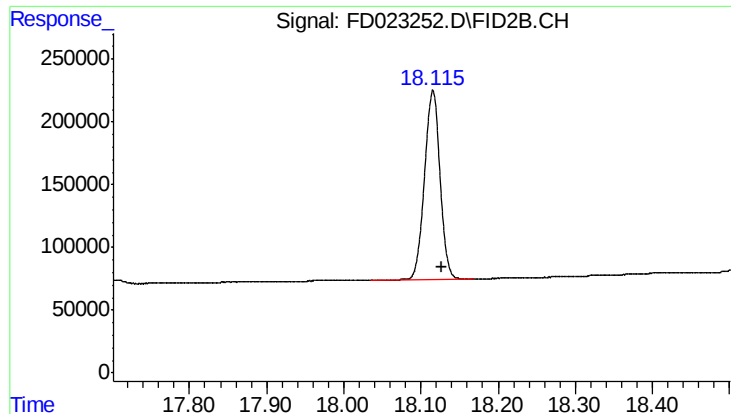
#16 n-Octacosane (C28)

R.T.: 16.405 min
Delta R.T.: -0.012 min
Response: 2105020
Conc: 17.87 ug/ml



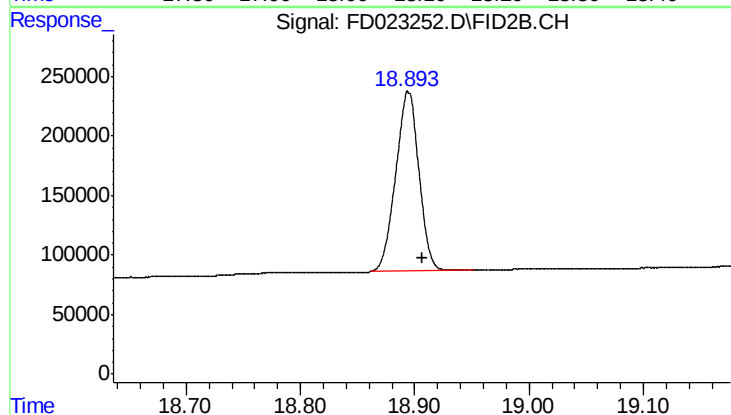
#17 n-Tricontane (C30)

R.T.: 17.288 min
Delta R.T.: -0.011 min
Response: 2078622
Conc: 17.81 ug/ml



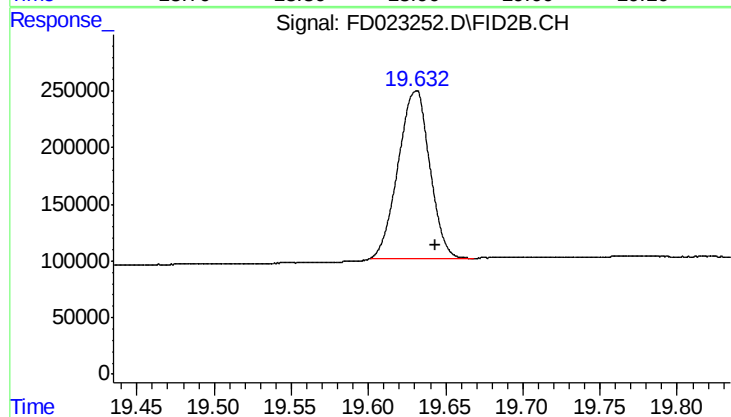
#18 n-Dotriacontane (C32)

R.T.: 18.116 min
Delta R.T.: -0.012 min
Response: 2104370
Conc: 17.39 ug/ml



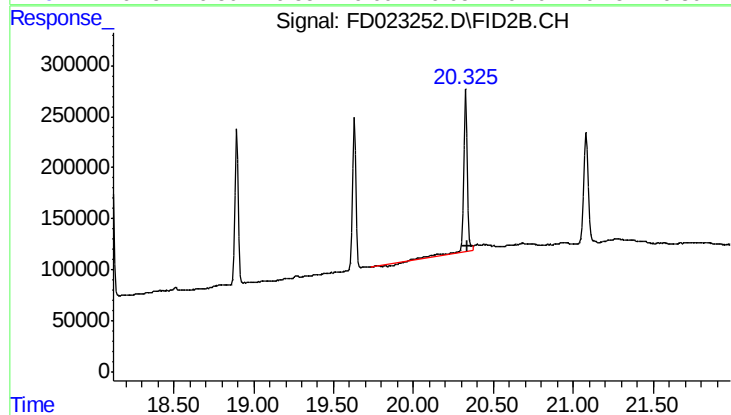
#19 n-Tetratriacontane (C34)

R.T.: 18.894 min
Delta R.T.: -0.012 min
Response: 2126455
Conc: 17.52 ug/ml



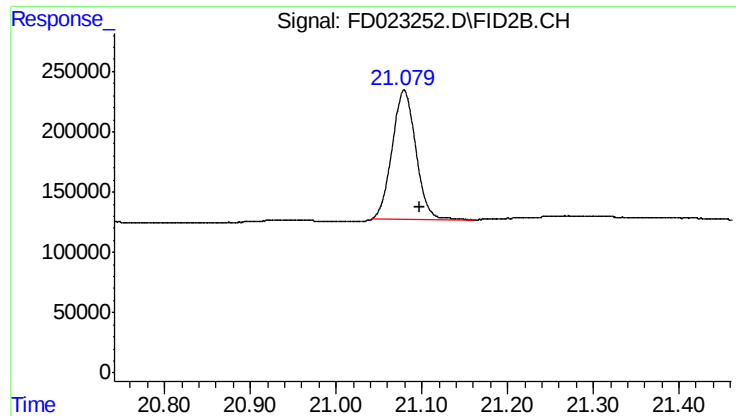
#20 n-Hexatriacontane (C36)

R.T.: 19.630 min
Delta R.T.: -0.013 min
Response: 2099640
Conc: 17.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.326 min
Delta R.T.: -0.013 min
Response: 2342142
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.079 min
Delta R.T.: -0.018 min
Response: 2067138
Conc: 16.39 ug/ml