

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050820AL\
 Data File : FD033382.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2020 9:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 09 09:34:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 05:16:45 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)	11.482	2656274	19.324 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	12.913	2152522	18.713 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.296	2410471	20.860 ug/ml
2) T n-Decane (C10)	4.355	2446069	21.000 ug/ml
3) T A~Naphthalene (C11.7)	5.930	2651474	21.384 ug/ml
4) T n-Dodecane (C12)	6.360	2515954	21.039 ug/ml
5) T A~2-methylnaphthalene...	6.979	2691560	21.399 ug/ml
6) T n-Tetradecane (C14)	8.144	2530553	20.813 ug/ml
7) T n-Hexadecane (C16)	9.735	2475397	20.410 ug/ml
8) T n-Octadecane (C18)	11.169	2547771	19.630 ug/ml
10) T n-Eicosane (C20)	12.472	2529172	18.976 ug/ml
11) T n-Heneicosane (C21)	13.080	2504394	18.684 ug/ml
13) T n-Docosane (C22)	13.663	2478916	18.428 ug/ml
14) T n-Tetracosane (C24)	14.761	2418375	17.859 ug/ml
15) T n-Hexacosane (C26)	15.777	2337670	17.340 ug/ml
16) T n-Octacosane (C28)	16.722	2275702	16.864 ug/ml
17) T n-Tricontane (C30)	17.605	2175913	16.519 ug/ml
18) T n-Dotriacontane (C32)	18.434	1984931	16.424 ug/ml
19) T n-Tetratriacontane (C34)	19.213	1876241	16.481 ug/ml
20) T n-Hexatriacontane (C36)	19.949	1806216	16.878 ug/ml
21) T n-Octatriacontane (C38)	20.660	1723717	17.101 ug/ml
22) T n-Tetracontane (C40)	21.511	1812267	18.144 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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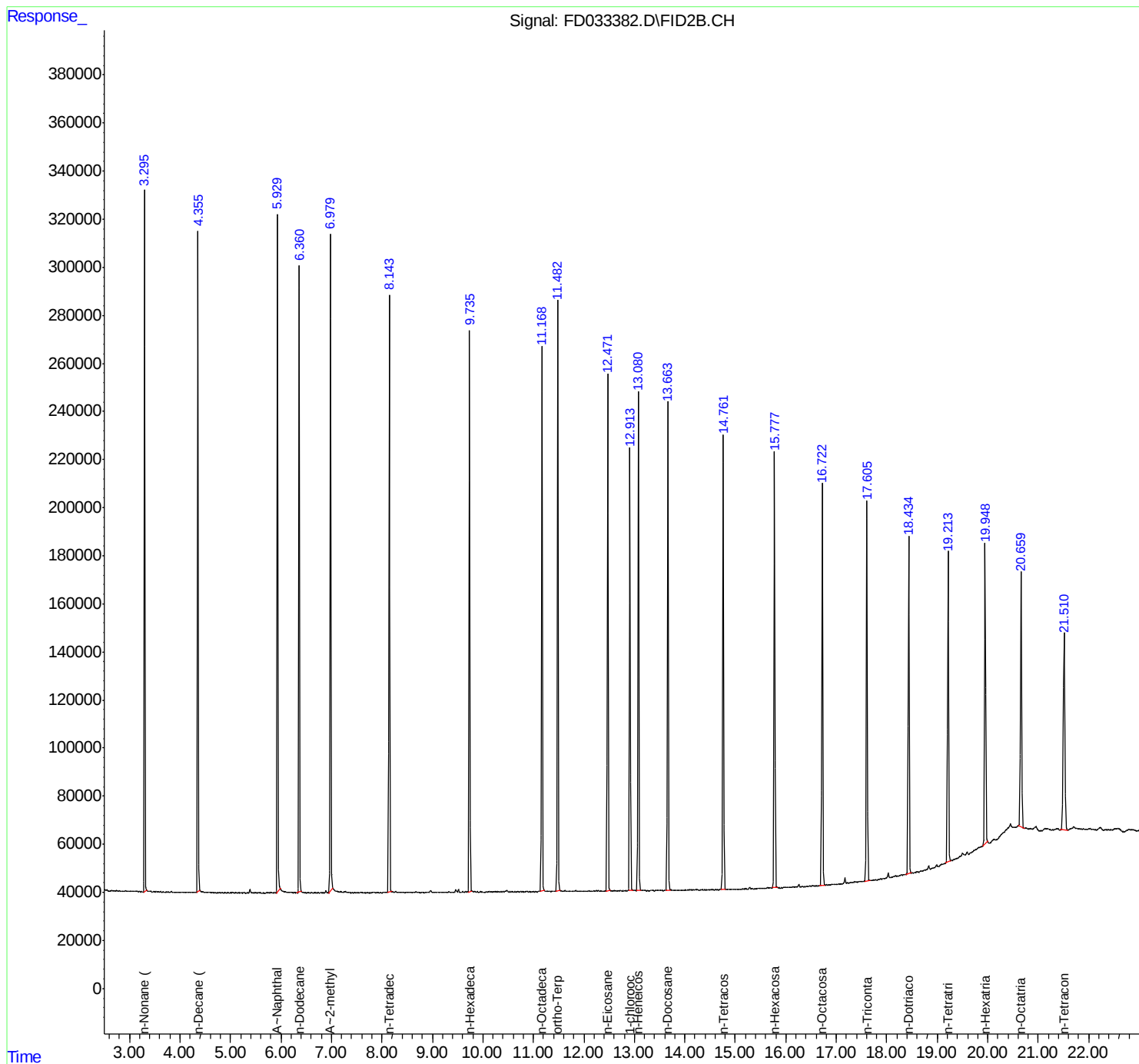
Response via : Initial Calibration

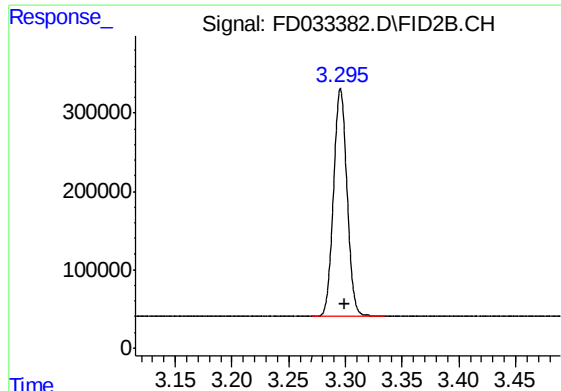
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

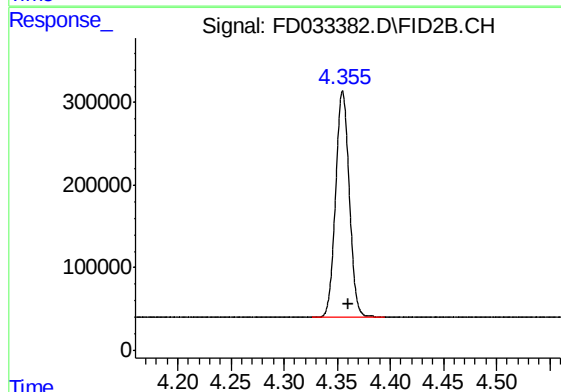
Signal Info : 20M x 0.18mm x 0.18um





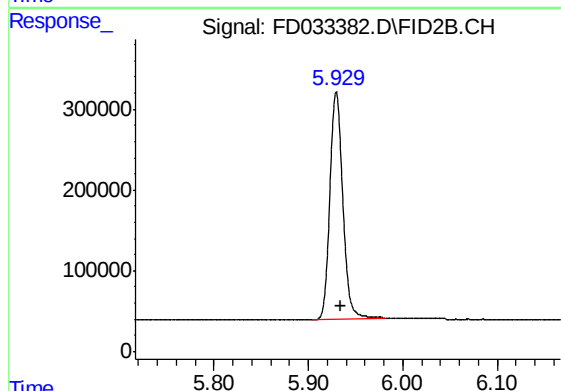
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 2410471
Conc: 20.86 ug/ml



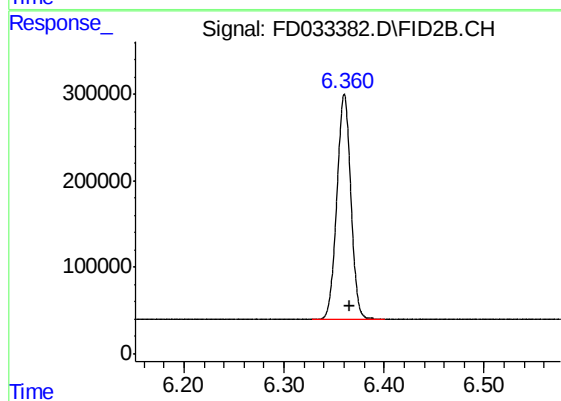
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.005 min
Response: 2446069
Conc: 21.00 ug/ml



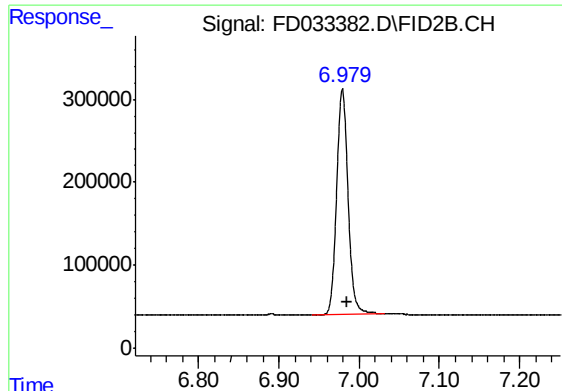
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 2651474
Conc: 21.38 ug/ml



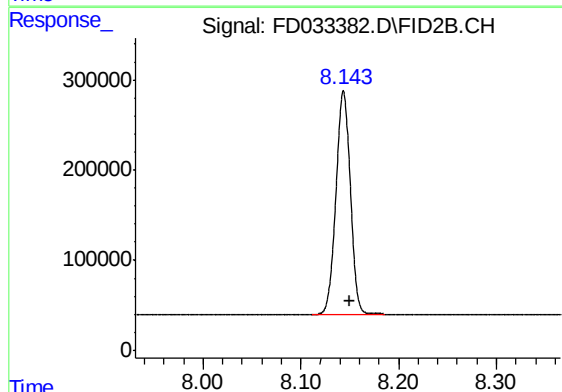
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 2515954
Conc: 21.04 ug/ml



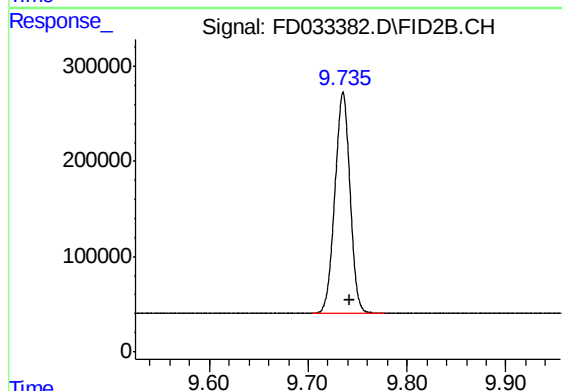
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.006 min
Response: 2691560
Conc: 21.40 ug/ml



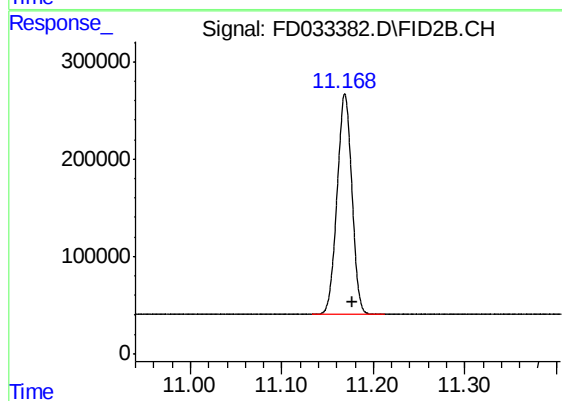
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 2530553
Conc: 20.81 ug/ml



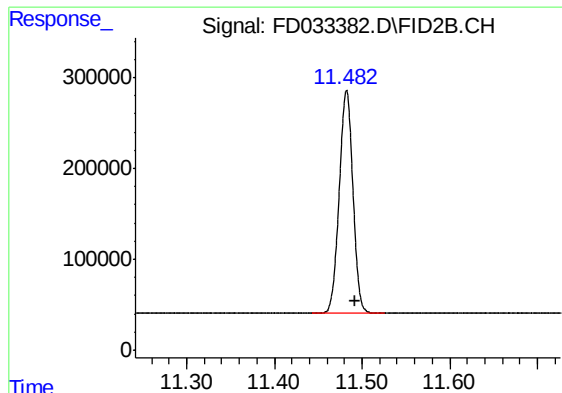
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: -0.007 min
Response: 2475397
Conc: 20.41 ug/ml



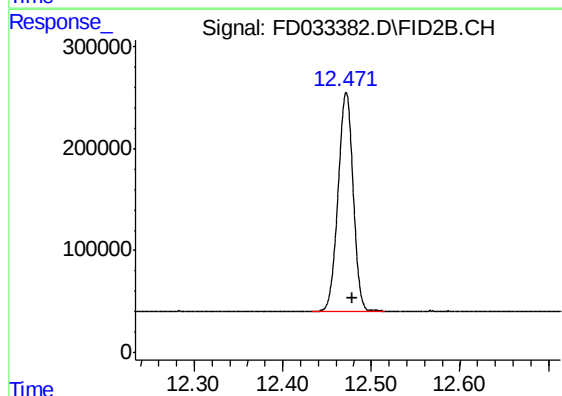
#8 n-Octadecane (C18)

R.T.: 11.169 min
Delta R.T.: -0.008 min
Response: 2547771
Conc: 19.63 ug/ml



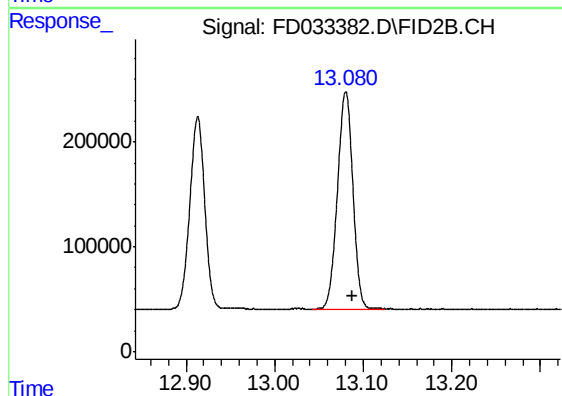
#9 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: -0.009 min
Response: 2656274
Conc: 19.32 ug/ml



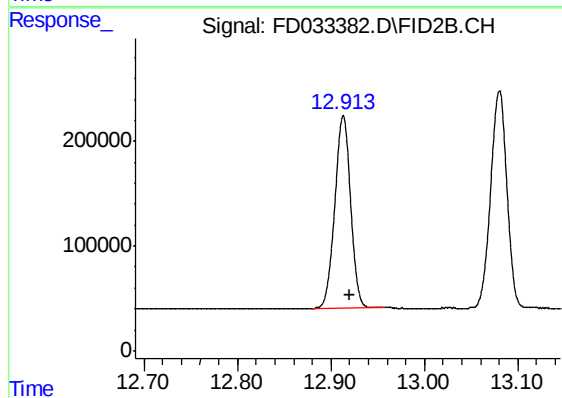
#10 n-Eicosane (C20)

R.T.: 12.472 min
Delta R.T.: -0.007 min
Response: 2529172
Conc: 18.98 ug/ml



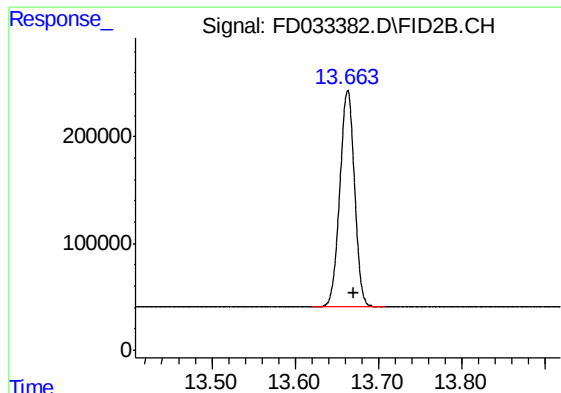
#11 n-Heneicosane (C21)

R.T.: 13.080 min
Delta R.T.: -0.008 min
Response: 2504394
Conc: 18.68 ug/ml



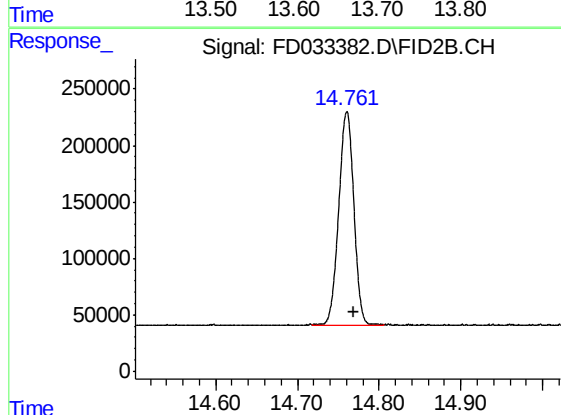
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min
Delta R.T.: -0.007 min
Response: 2152522
Conc: 18.71 ug/ml



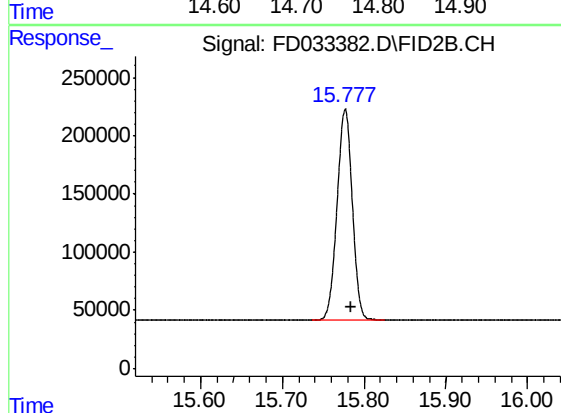
#13 n-Docosane (C22)

R.T.: 13.663 min
Delta R.T.: -0.008 min
Response: 2478916
Conc: 18.43 ug/ml



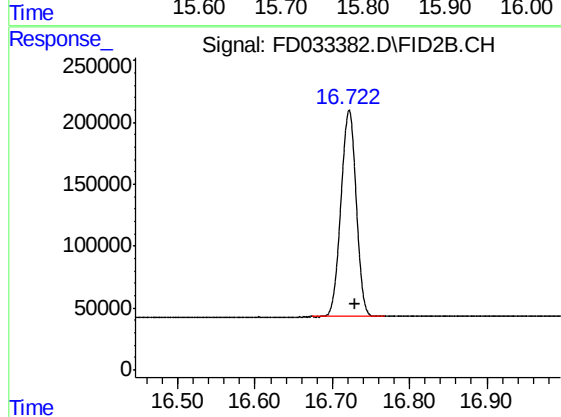
#14 n-Tetracosane (C24)

R.T.: 14.761 min
Delta R.T.: -0.008 min
Response: 2418375
Conc: 17.86 ug/ml



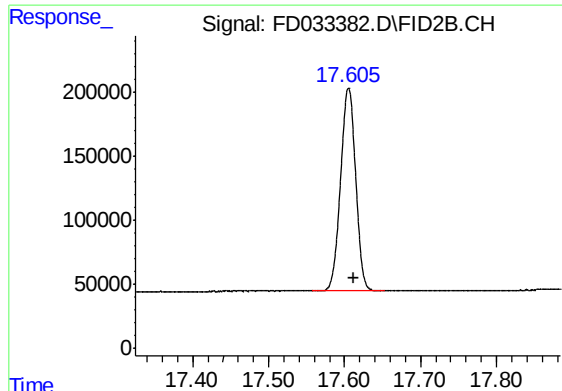
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: -0.007 min
Response: 2337670
Conc: 17.34 ug/ml



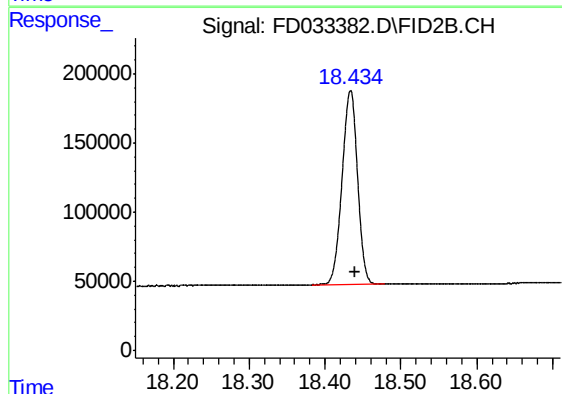
#16 n-Octacosane (C28)

R.T.: 16.722 min
Delta R.T.: -0.008 min
Response: 2275702
Conc: 16.86 ug/ml



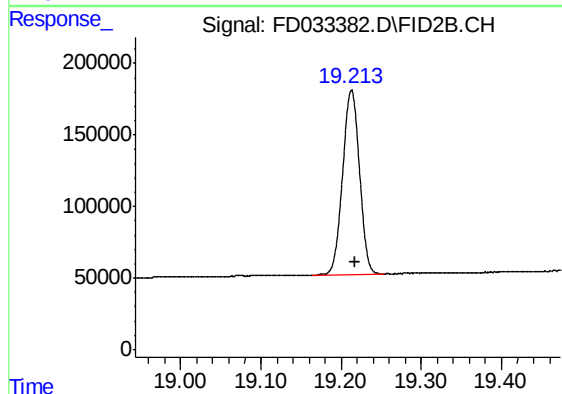
#17 n-Tricontane (C30)

R.T.: 17.605 min
Delta R.T.: -0.007 min
Response: 2175913
Conc: 16.52 ug/ml



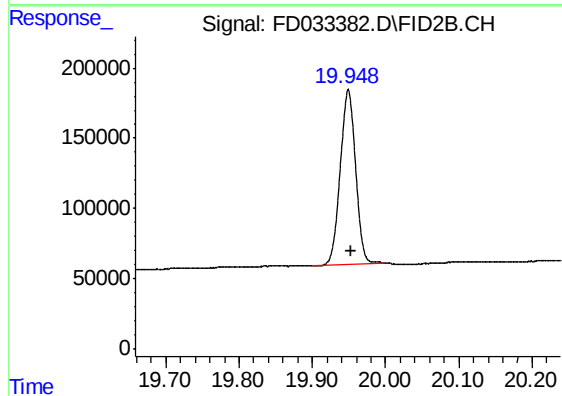
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: -0.006 min
Response: 1984931
Conc: 16.42 ug/ml



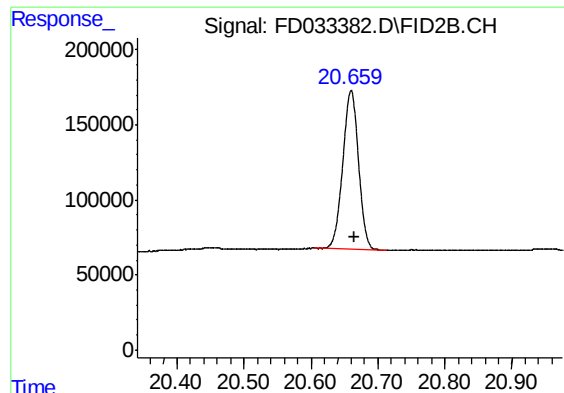
#19 n-Tetatriacontane (C34)

R.T.: 19.213 min
Delta R.T.: -0.004 min
Response: 1876241
Conc: 16.48 ug/ml



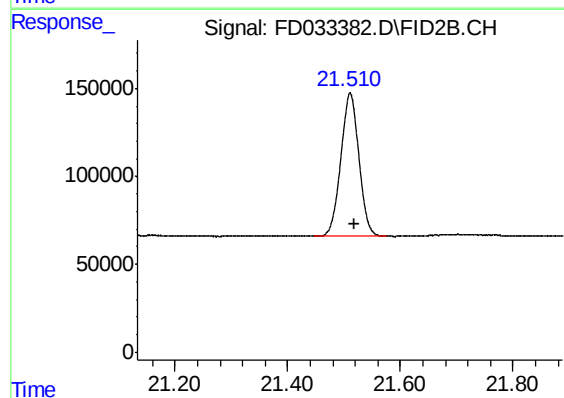
#20 n-Hexatriacontane (C36)

R.T.: 19.949 min
Delta R.T.: -0.004 min
Response: 1806216
Conc: 16.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.660 min
Delta R.T.: -0.005 min
Response: 1723717
Conc: 17.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.007 min
Response: 1812267
Conc: 18.14 ug/ml