

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121719AL\
 Data File : FD031833.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2019 13:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 18 02:35:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 120619.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 06 04:20:46 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)	11.544	2685055	18.563 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
12) S 1-chlorooctadecane (S...	12.974	2084259	18.379 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.342	2474888	19.603 ug/ml
2) T n-Decane (C10)	4.405	2499680	19.674 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2799693	19.586 ug/ml
4) T n-Dodecane (C12)	6.414	2523228	19.558 ug/ml
5) T A~2-methylnaphthalene...	7.035	2807210	19.414 ug/ml
6) T n-Tetradecane (C14)	8.201	2527587	19.264 ug/ml
7) T n-Hexadecane (C16)	9.794	2524964	19.025 ug/ml
8) T n-Octadecane (C18)	11.229	2509008	18.743 ug/ml
10) T n-Eicosane (C20)	12.531	2480792	18.538 ug/ml
11) T n-Heneicosane (C21)	13.141	2476888	18.367 ug/ml
13) T n-Docosane (C22)	13.724	2448486	18.279 ug/ml
14) T n-Tetracosane (C24)	14.822	2418155	18.022 ug/ml
15) T n-Hexacosane (C26)	15.837	2335557	17.813 ug/ml
16) T n-Octacosane (C28)	16.781	2249064	17.729 ug/ml
17) T n-Tricontane (C30)	17.664	2111784	17.838 ug/ml
18) T n-Dotriacontane (C32)	18.492	1762659	18.205 ug/ml
19) T n-Tetratriacontane (C34)	19.271	1487352	18.738 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1329212	18.885 ug/ml
21) T n-Octatriacontane (C38)	20.722	1291798	20.007 ug/mlm
22) T n-Tetracontane (C40)	21.593	1301486	19.353 ug/ml

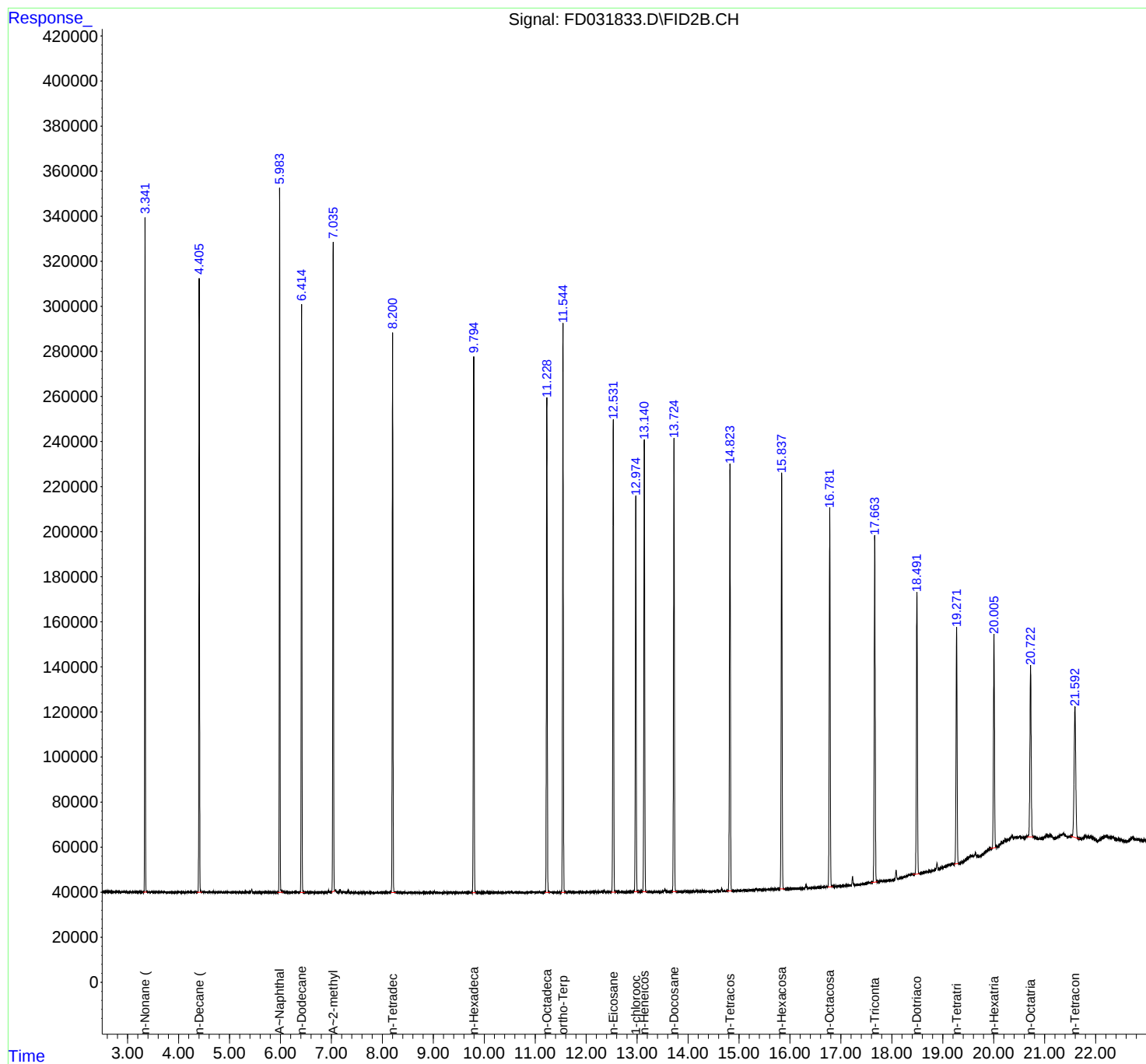
(f)=RT Delta > 1/2 Window

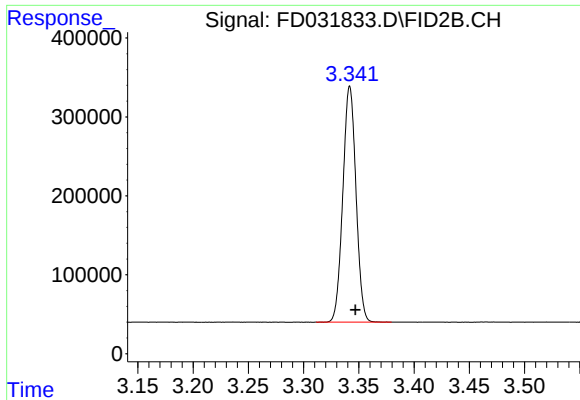
(m)=manual int.

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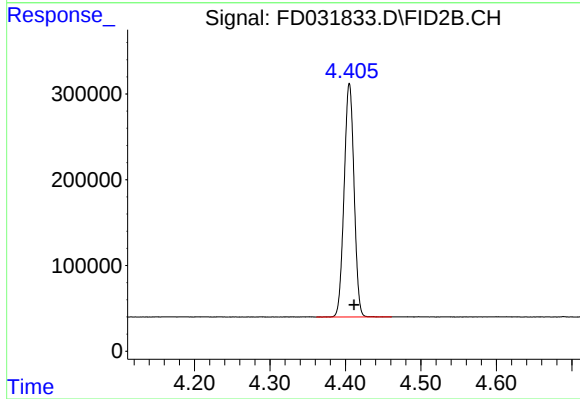
Volume Inj. : 1 ul
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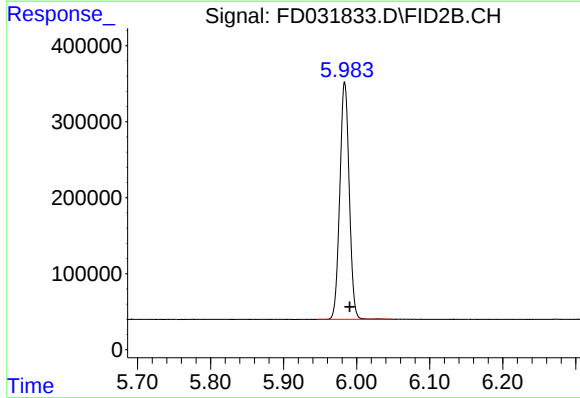
#1 n-Nonane (C9)

R.T.: 3.342 min
Delta R.T.: -0.005 min
Response: 2474888
Conc: 19.60 ug/ml



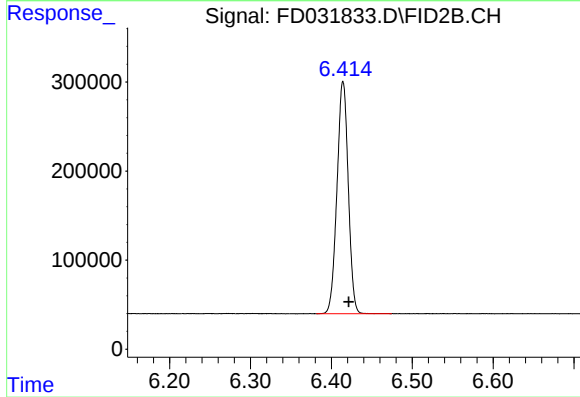
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 2499680
Conc: 19.67 ug/ml



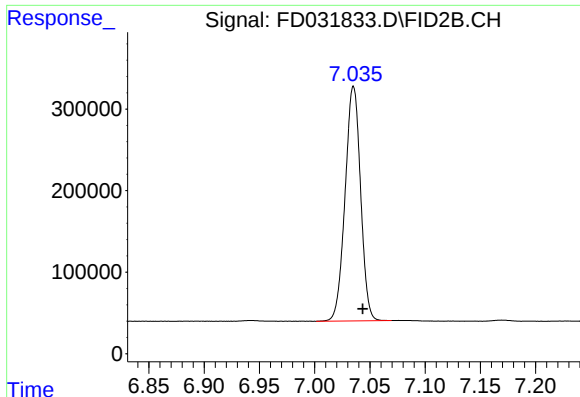
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.007 min
Response: 2799693
Conc: 19.59 ug/ml



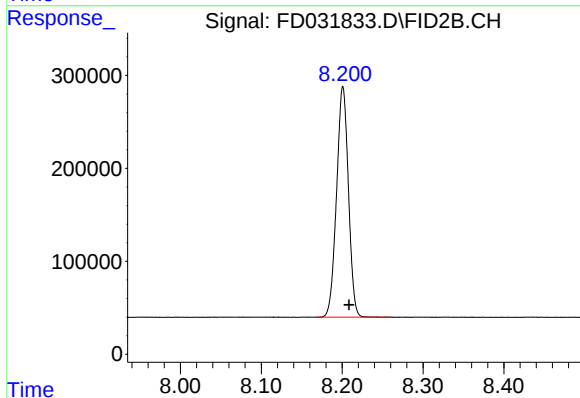
#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.007 min
Response: 2523228
Conc: 19.56 ug/ml



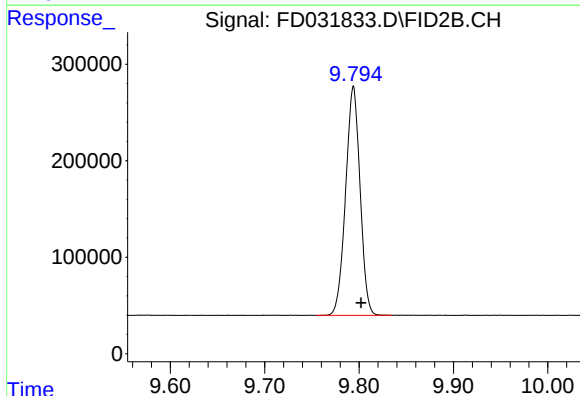
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.008 min
Response: 2807210
Conc: 19.41 ug/ml



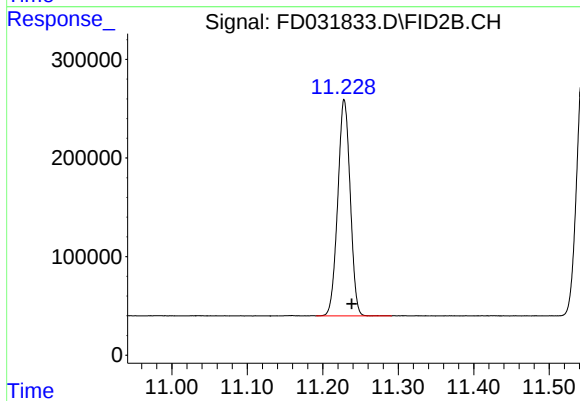
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 2527587
Conc: 19.26 ug/ml



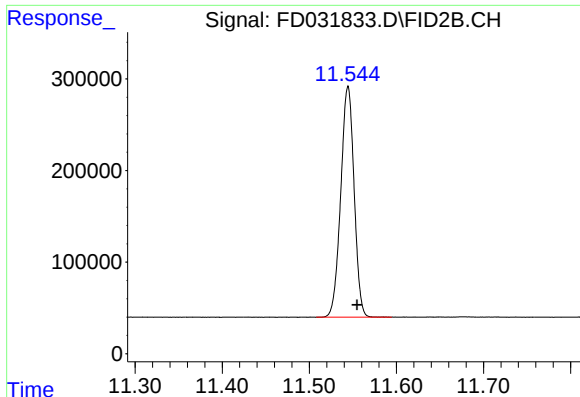
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: -0.008 min
Response: 2524964
Conc: 19.03 ug/ml



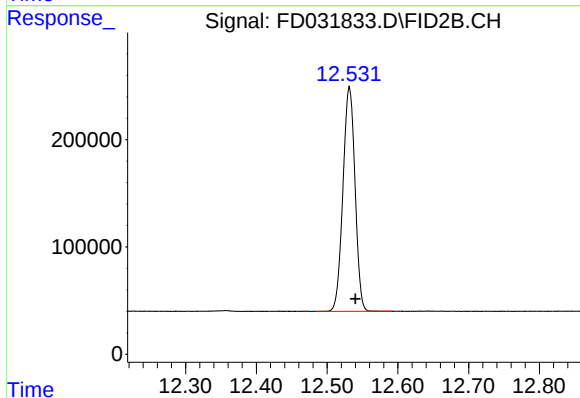
#8 n-Octadecane (C18)

R.T.: 11.229 min
Delta R.T.: -0.010 min
Response: 2509008
Conc: 18.74 ug/ml



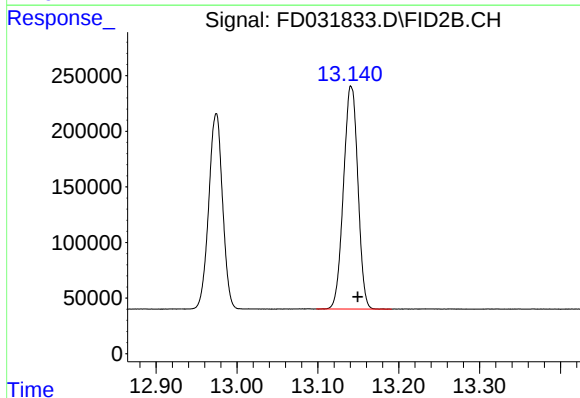
#9 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.010 min
Response: 2685055
Conc: 18.56 ug/ml



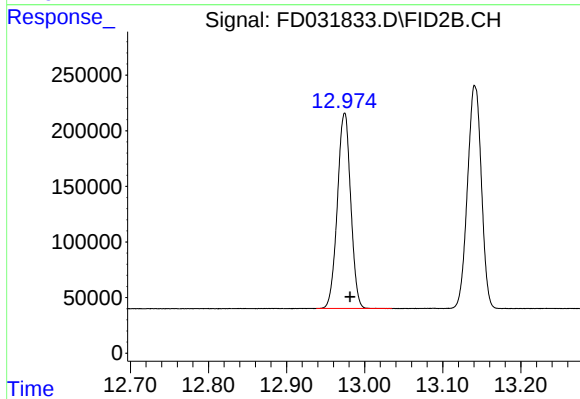
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.009 min
Response: 2480792
Conc: 18.54 ug/ml



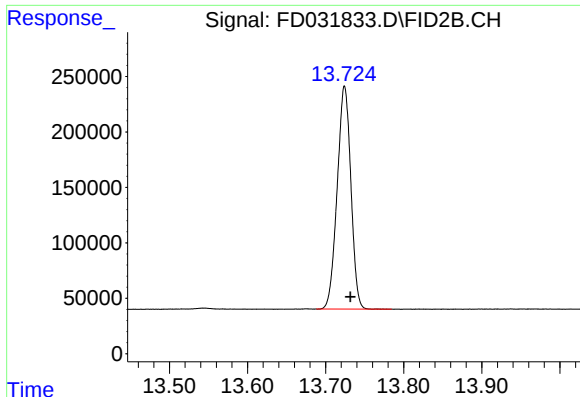
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.008 min
Response: 2476888
Conc: 18.37 ug/ml



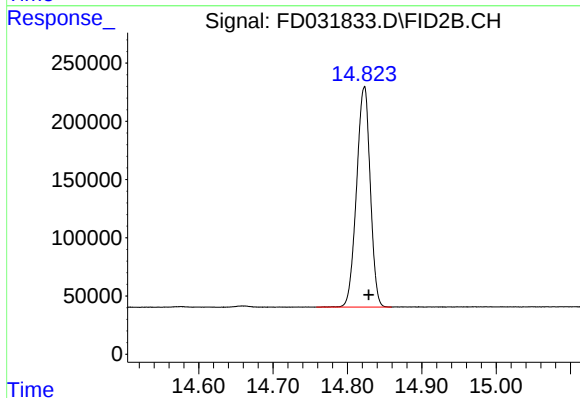
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.007 min
Response: 2084259
Conc: 18.38 ug/ml



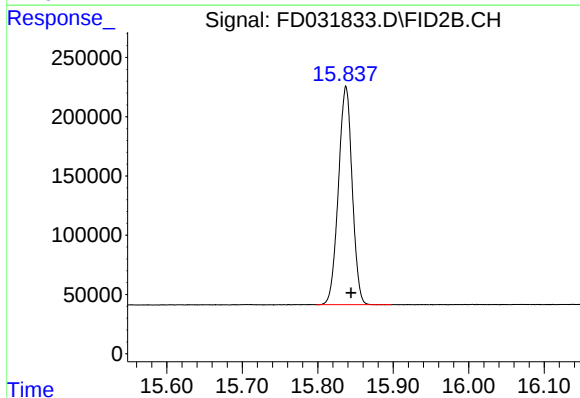
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.007 min
Response: 2448486
Conc: 18.28 ug/ml



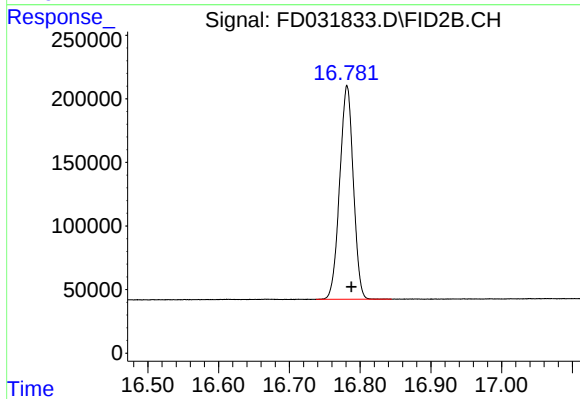
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.006 min
Response: 2418155
Conc: 18.02 ug/ml



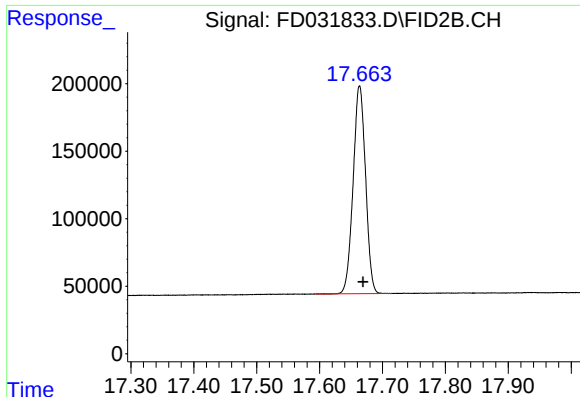
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.007 min
Response: 2335557
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.006 min
Response: 2249064
Conc: 17.73 ug/ml



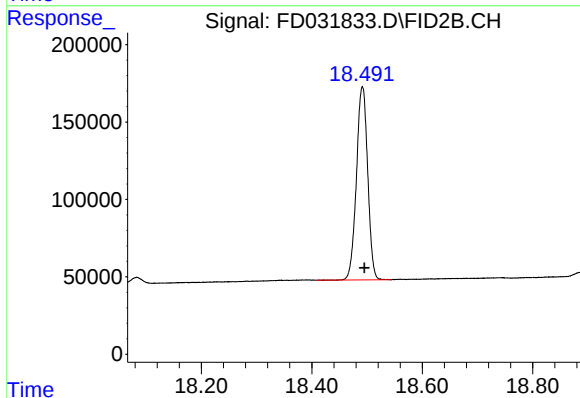
#17 n-Tricontane (C30)

R.T.: 17.664 min

Delta R.T.: -0.006 min

Response: 2111784

Conc: 17.84 ug/ml



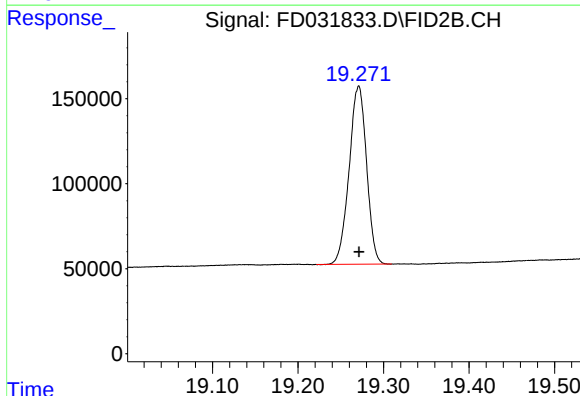
#18 n-Dotriacontane (C32)

R.T.: 18.492 min

Delta R.T.: -0.004 min

Response: 1762659

Conc: 18.21 ug/ml



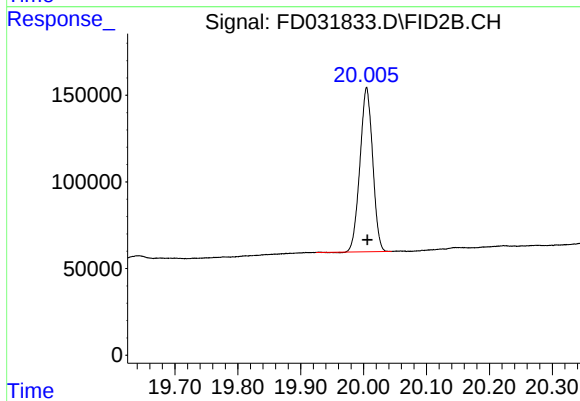
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min

Delta R.T.: 0.000 min

Response: 1487352

Conc: 18.74 ug/ml



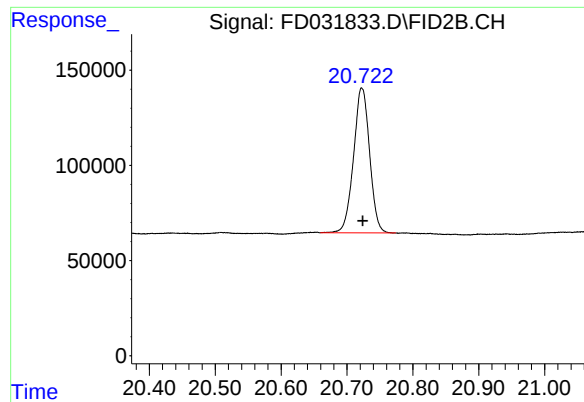
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min

Delta R.T.: -0.001 min

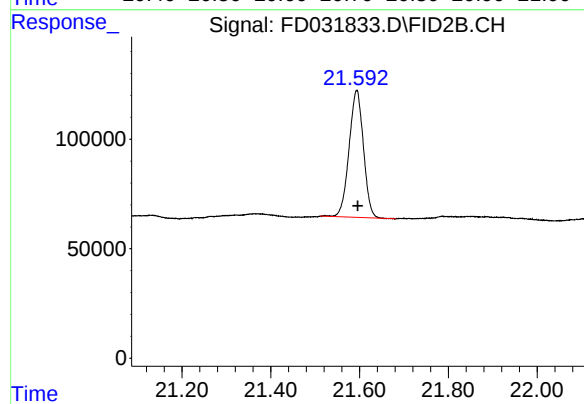
Response: 1329212

Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.003 min
Response: 1291798
Conc: 20.01 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.002 min
Response: 1301486
Conc: 19.35 ug/ml