

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082619AL\
 Data File : FD030284.D
 Signal(s) : FID2B.CH
 Acq On : 26 Aug 2019 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 03:32:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.545	2669220	19.419 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	12.971	2133981	18.710 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
Target Compounds			
1) T n-Nonane (C9)	3.348	2704338	22.598 ug/ml
2) T n-Decane (C10)	4.409	2747722	22.594 ug/ml
3) T A-Naphthalene (C11.7)	5.987	3051128	22.162 ug/ml
4) T n-Dodecane (C12)	6.418	2740870	22.477 ug/ml
5) T A~2-methylnaphthalene...	7.039	3026003	21.879 ug/ml
6) T n-Tetradecane (C14)	8.203	2724223	22.086 ug/ml
7) T n-Hexadecane (C16)	9.795	2681666	21.477 ug/ml
8) T n-Octadecane (C18)	11.228	2618335	20.480 ug/ml
10) T n-Eicosane (C20)	12.528	2530841	19.493 ug/ml
11) T n-Heneicosane (C21)	13.137	2467485	18.999 ug/ml
13) T n-Docosane (C22)	13.718	2410142	18.458 ug/ml
14) T n-Tetracosane (C24)	14.812	2313836	17.629 ug/ml
15) T n-Hexacosane (C26)	15.825	2203162	17.082 ug/ml
16) T n-Octacosane (C28)	16.767	2132403	16.806 ug/ml
17) T n-Tricontane (C30)	17.648	2058929	16.990 ug/ml
18) T n-Dotriacontane (C32)	18.473	1937065	17.275 ug/ml
19) T n-Tetratriacontane (C34)	19.248	1688116	19.039 ug/ml
20) T n-Hexatriacontane (C36)	19.982	1543584	20.769 ug/ml
21) T n-Octatriacontane (C38)	20.695	1451841	21.811 ug/ml
22) T n-Tetracontane (C40)	21.560	1478392	20.930 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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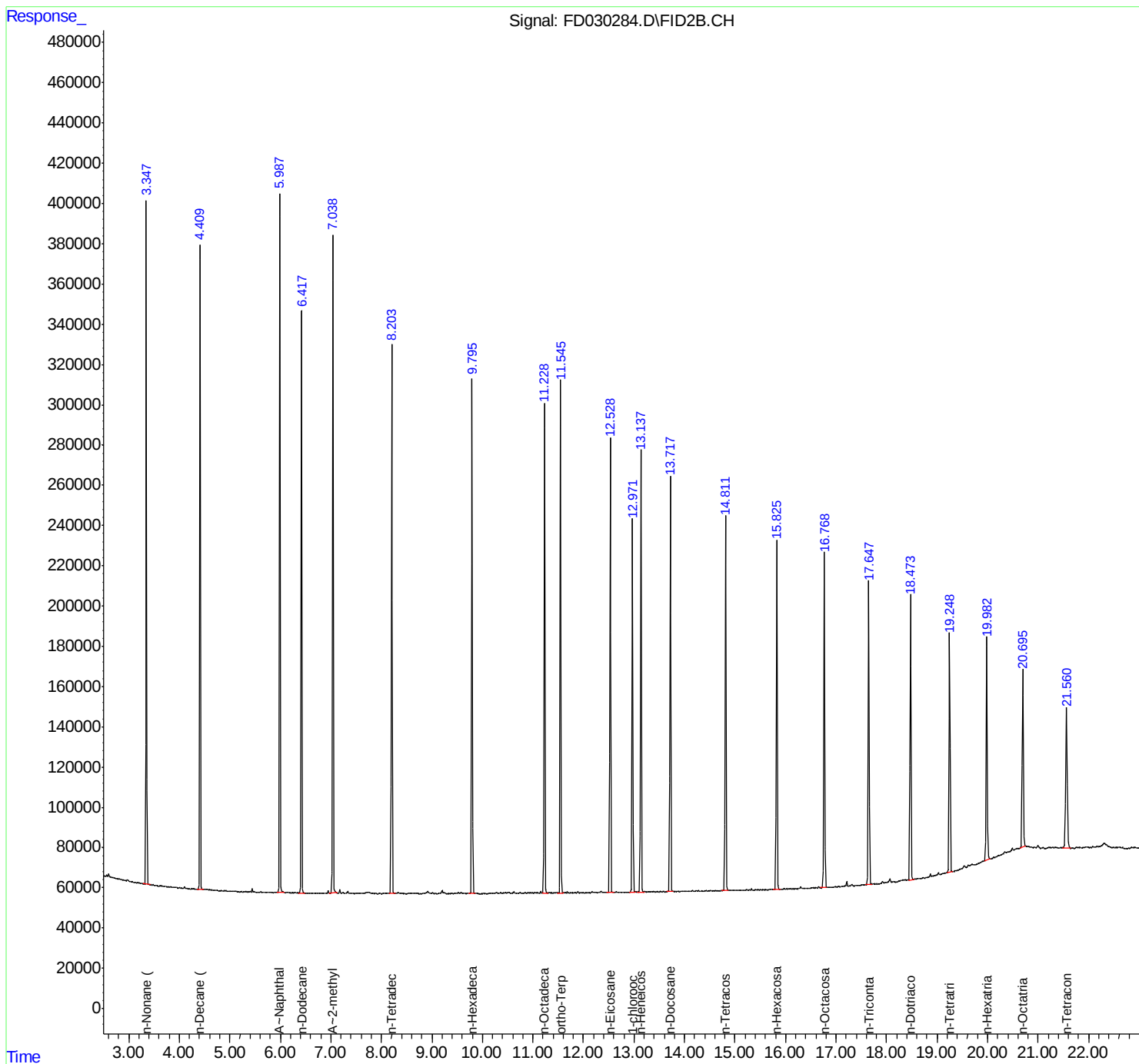
Response via : Initial Calibration

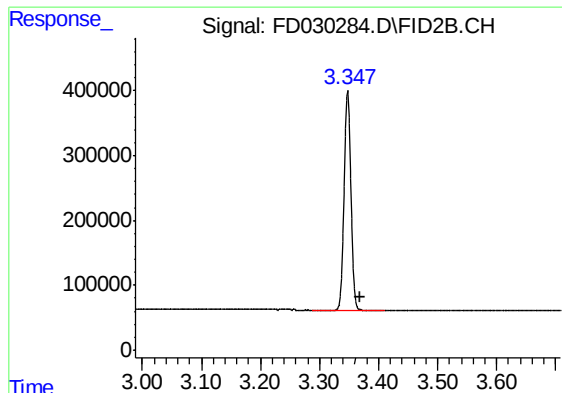
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

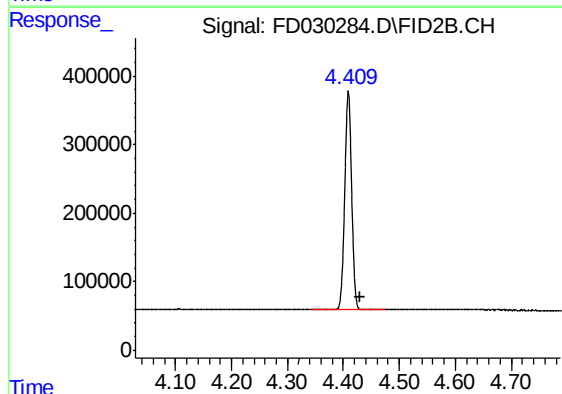
Signal Info : 20M x 0.18mm x 0.18um





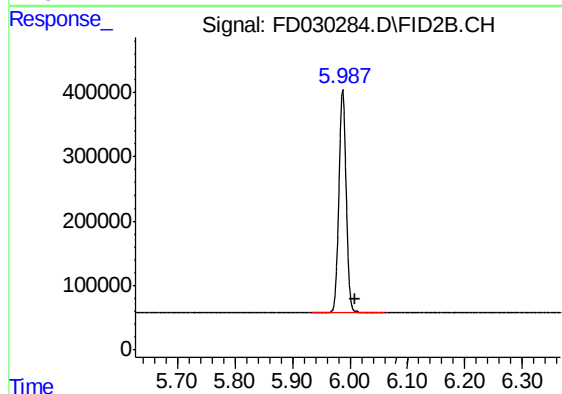
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.021 min
Response: 2704338
Conc: 22.60 ug/ml



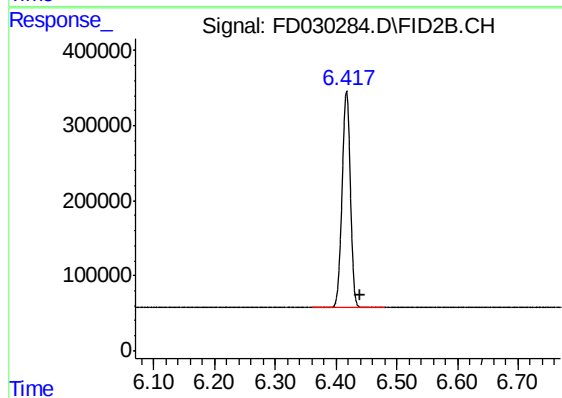
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.022 min
Response: 2747722
Conc: 22.59 ug/ml



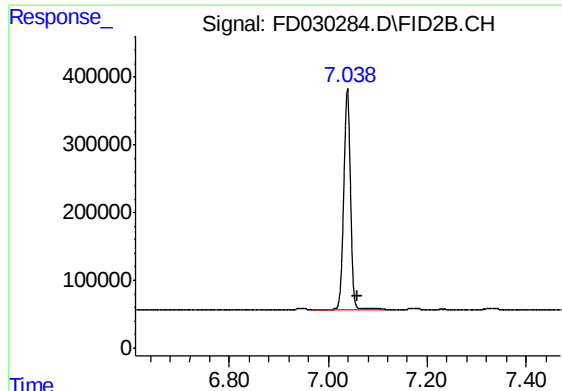
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.022 min
Response: 3051128
Conc: 22.16 ug/ml



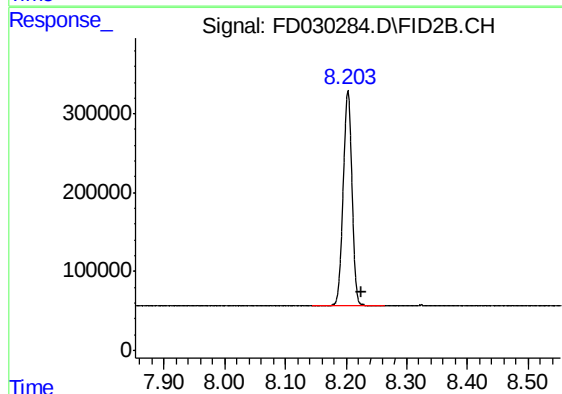
#4 n-Dodecane (C12)

R.T.: 6.418 min
Delta R.T.: -0.021 min
Response: 2740870
Conc: 22.48 ug/ml



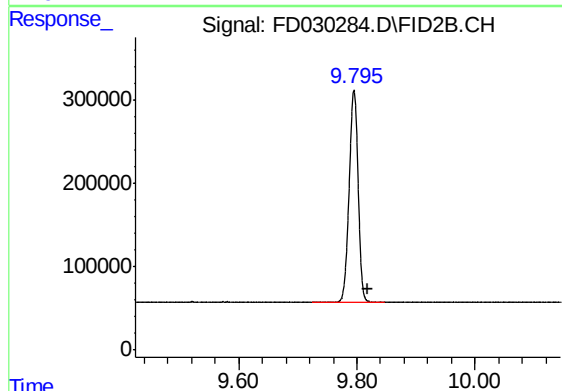
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.022 min
Response: 3026003
Conc: 21.88 ug/ml



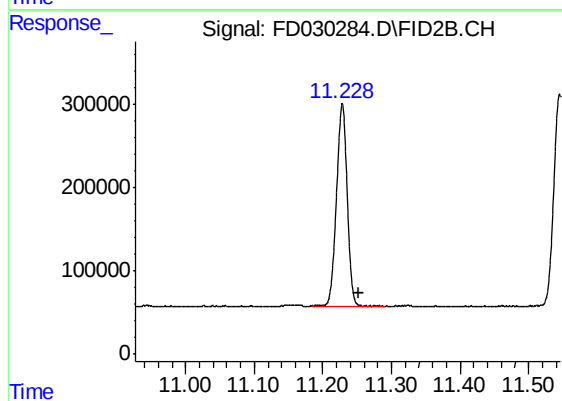
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: -0.022 min
Response: 2724223
Conc: 22.09 ug/ml



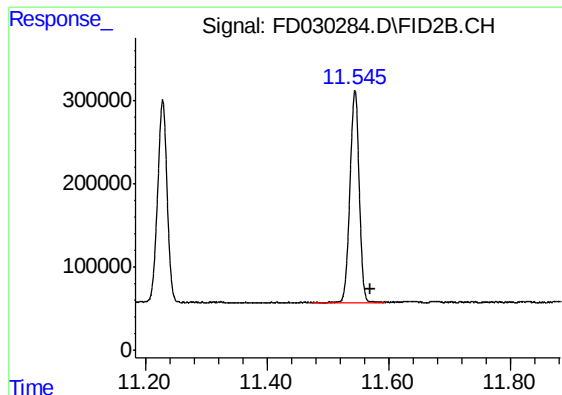
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: -0.023 min
Response: 2681666
Conc: 21.48 ug/ml



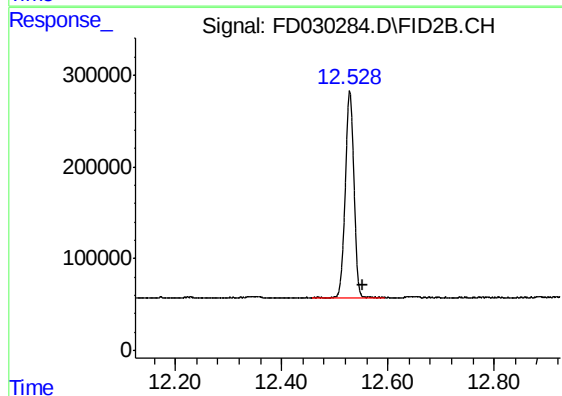
#8 n-Octadecane (C18)

R.T.: 11.228 min
Delta R.T.: -0.023 min
Response: 2618335
Conc: 20.48 ug/ml



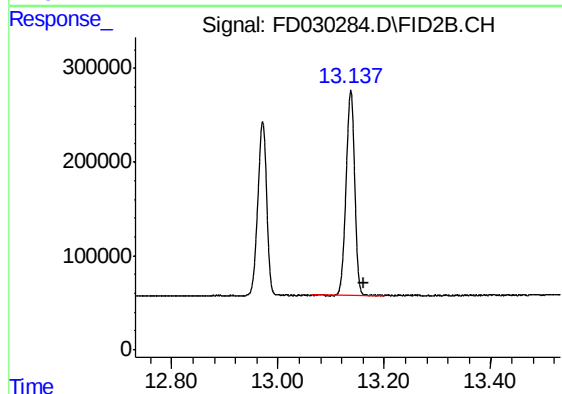
#9 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.024 min
Response: 2669220
Conc: 19.42 ug/ml



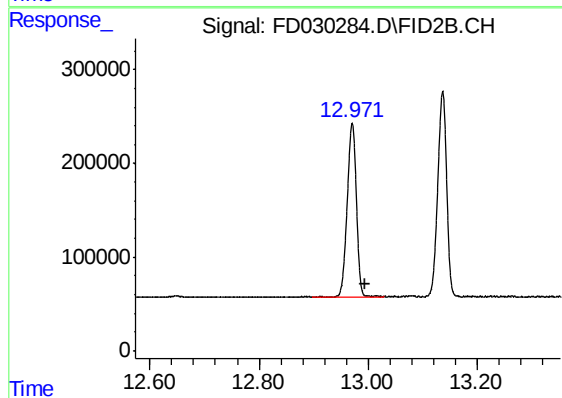
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.024 min
Response: 2530841
Conc: 19.49 ug/ml



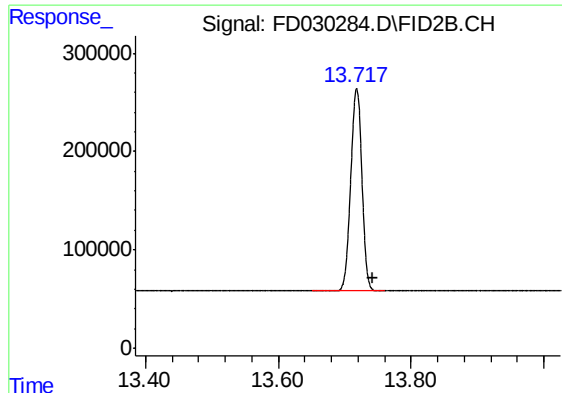
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.024 min
Response: 2467485
Conc: 19.00 ug/ml



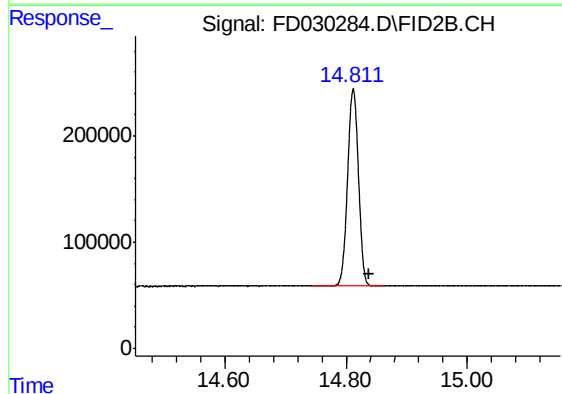
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.024 min
Response: 2133981
Conc: 18.71 ug/ml



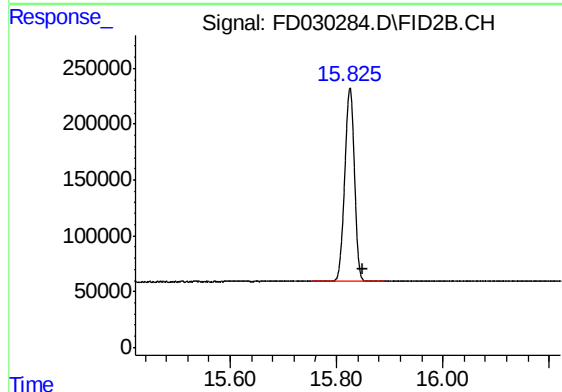
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.024 min
Response: 2410142
Conc: 18.46 ug/ml



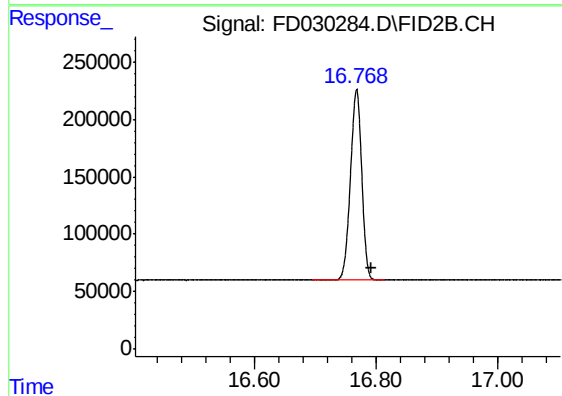
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.025 min
Response: 2313836
Conc: 17.63 ug/ml



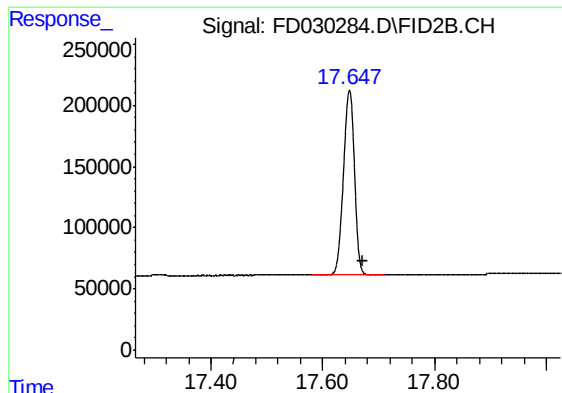
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.025 min
Response: 2203162
Conc: 17.08 ug/ml



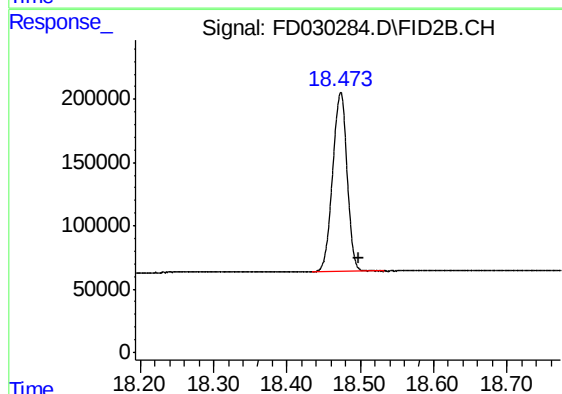
#16 n-Octacosane (C28)

R.T.: 16.767 min
Delta R.T.: -0.025 min
Response: 2132403
Conc: 16.81 ug/ml



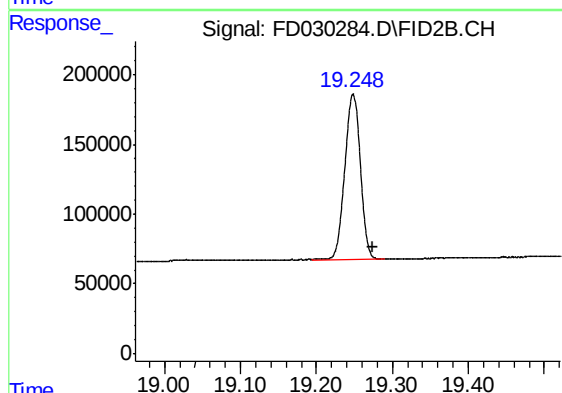
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: -0.025 min
Response: 2058929
Conc: 16.99 ug/ml



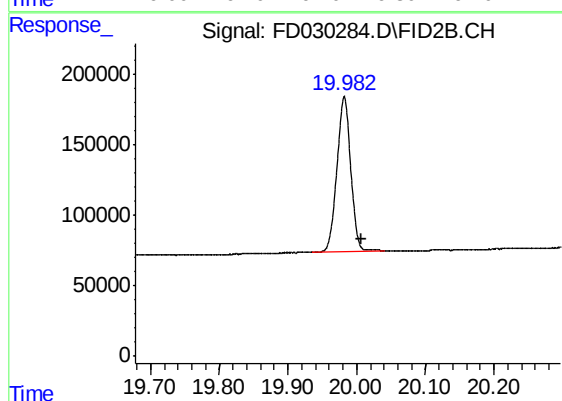
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.025 min
Response: 1937065
Conc: 17.28 ug/ml



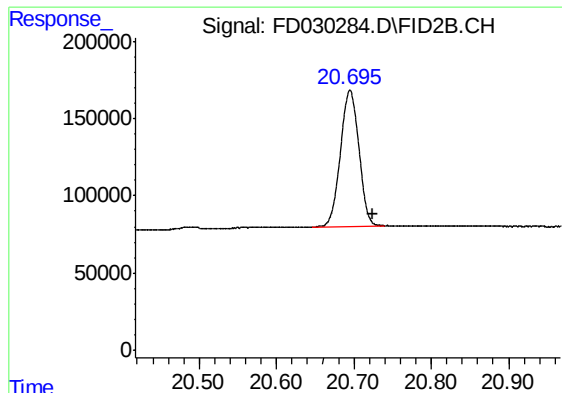
#19 n-Tetatriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.026 min
Response: 1688116
Conc: 19.04 ug/ml



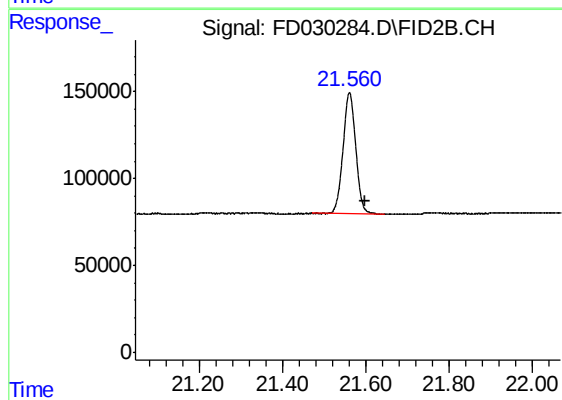
#20 n-Hexatriacontane (C36)

R.T.: 19.982 min
Delta R.T.: -0.025 min
Response: 1543584
Conc: 20.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: -0.030 min
Response: 1451841
Conc: 21.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.039 min
Response: 1478392
Conc: 20.93 ug/ml