

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091219AL\
 Data File : FD030669.D
 Signal(s) : FID2B.CH
 Acq On : 13 Sep 2019 1:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 13 04:56:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.494	2601956	17.889 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
12) S 1-chlorooctadecane (S...	12.921	1938963	17.754 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T n-Nonane (C9)	3.308	2394041	19.180 ug/ml
2) T n-Decane (C10)	4.367	2409360	19.257 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2690583	19.187 ug/ml
4) T n-Dodecane (C12)	6.372	2431766	19.221 ug/ml
5) T A~2-methylnaphthalene...	6.992	2719489	19.188 ug/ml
6) T n-Tetradecane (C14)	8.157	2432582	19.115 ug/ml
7) T n-Hexadecane (C16)	9.748	2403907	18.833 ug/ml
8) T n-Octadecane (C18)	11.181	2366620	18.461 ug/ml
10) T n-Eicosane (C20)	12.480	2307697	18.108 ug/ml
11) T n-Heneicosane (C21)	13.087	2292755	17.923 ug/ml
13) T n-Docosane (C22)	13.669	2240055	17.587 ug/ml
14) T n-Tetracosane (C24)	14.764	2187073	17.223 ug/ml
15) T n-Hexacosane (C26)	15.777	2083809	16.753 ug/ml
16) T n-Octacosane (C28)	16.719	2027444	16.629 ug/ml
17) T n-Tricontane (C30)	17.599	2064952	17.368 ug/ml
18) T n-Dotriacontane (C32)	18.425	2228713	19.437 ug/ml
19) T n-Tetratriacontane (C34)	19.202	2078040	19.141 ug/ml
20) T n-Hexatriacontane (C36)	19.935	2158054	21.023 ug/ml
21) T n-Octatriacontane (C38)	20.642	2154238	22.201 ug/ml
22) T n-Tetracontane (C40)	21.490	2057205	20.063 ug/ml

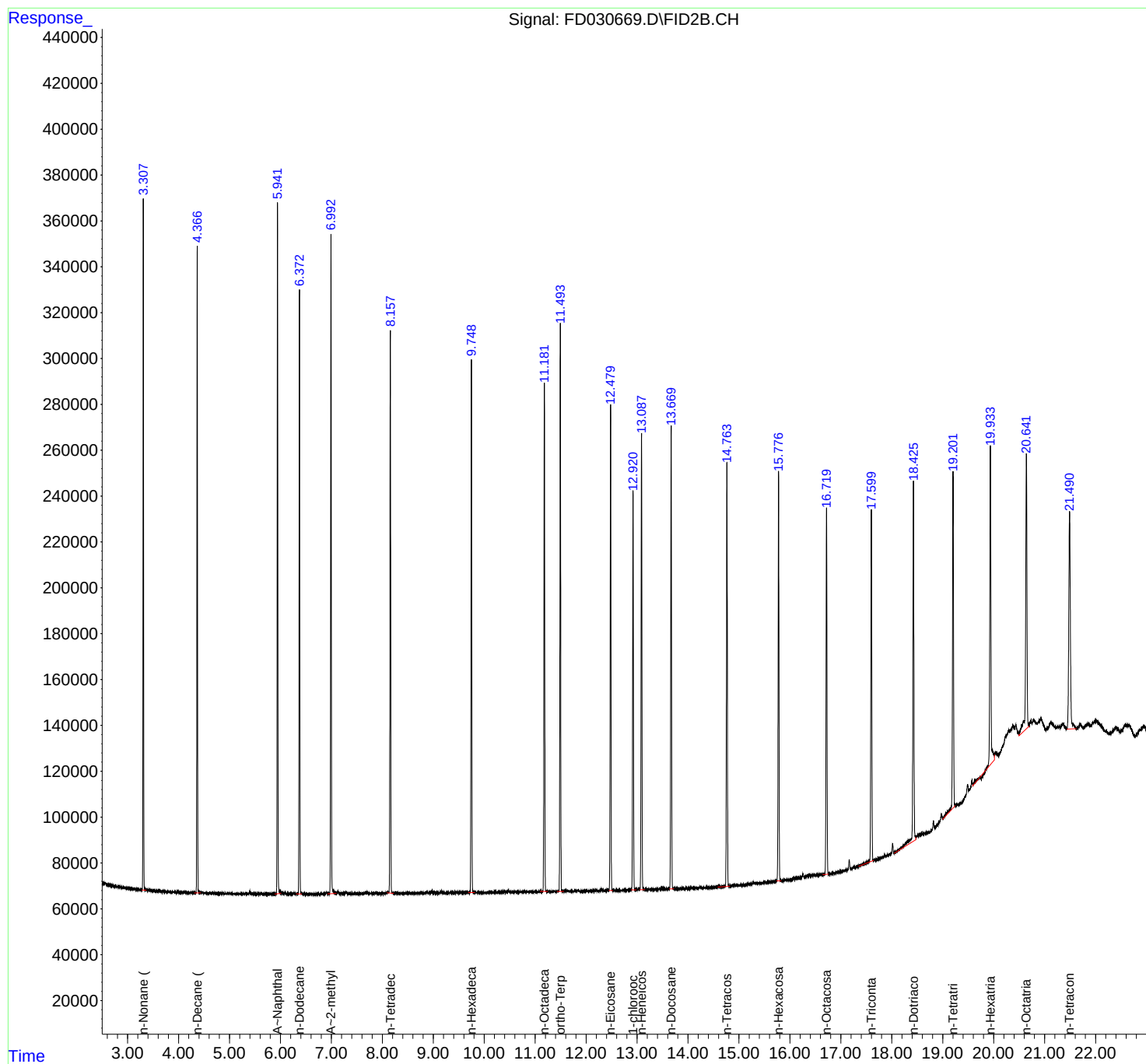
(f)=RT Delta > 1/2 Window

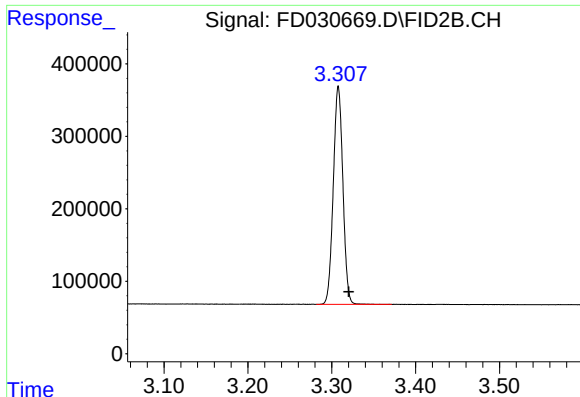
(m)=manual int.

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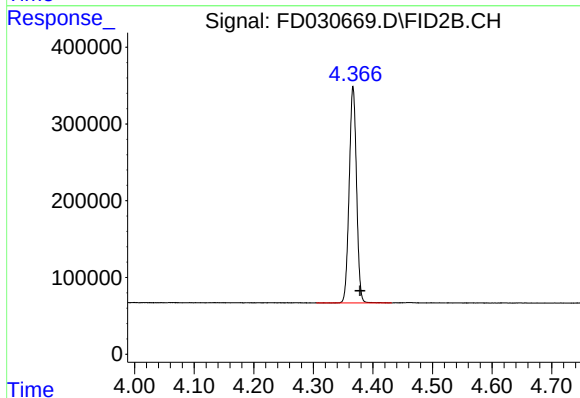
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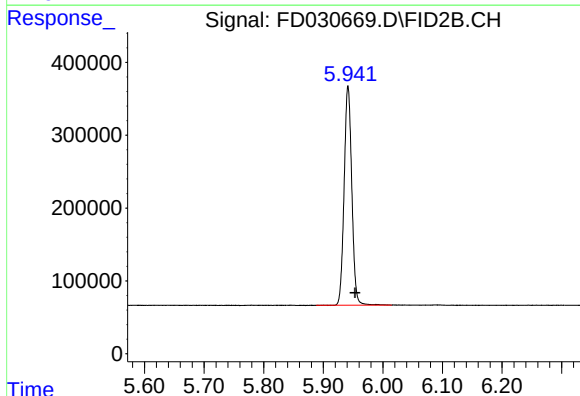
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.012 min
Response: 2394041
Conc: 19.18 ug/ml



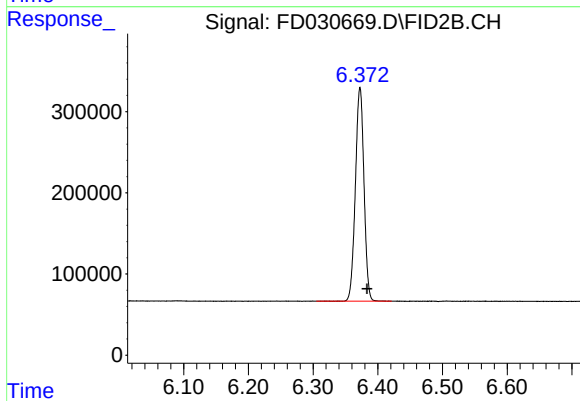
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.011 min
Response: 2409360
Conc: 19.26 ug/ml



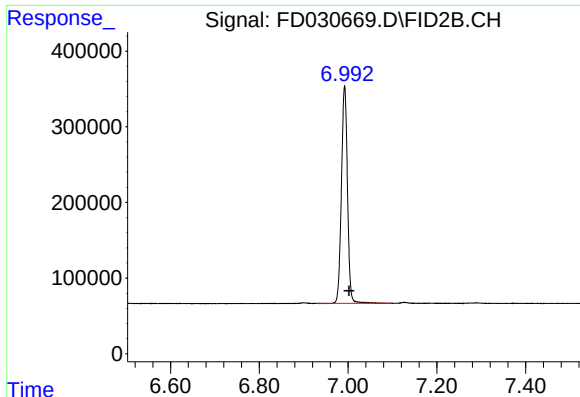
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.012 min
Response: 2690583
Conc: 19.19 ug/ml



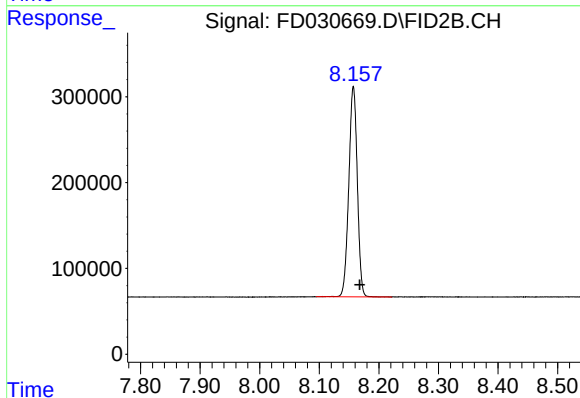
#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.011 min
Response: 2431766
Conc: 19.22 ug/ml



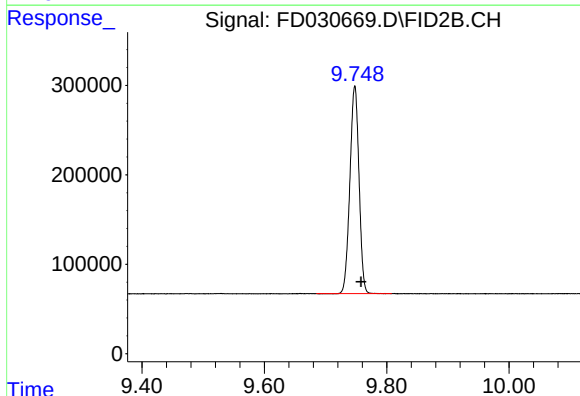
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.010 min
Response: 2719489
Conc: 19.19 ug/ml



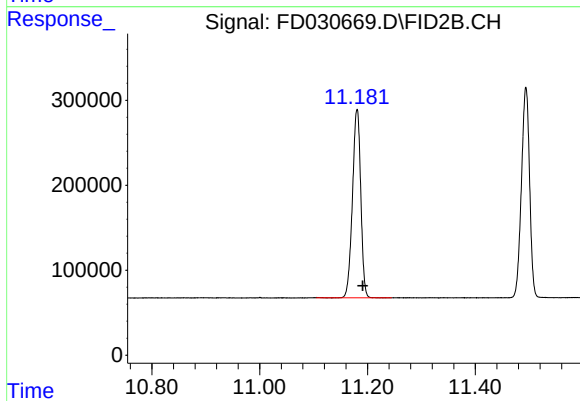
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.011 min
Response: 2432582
Conc: 19.11 ug/ml



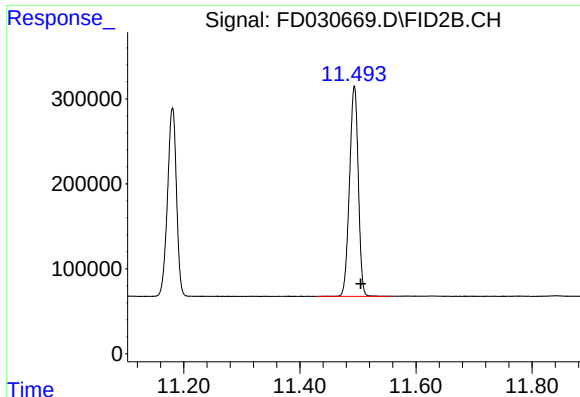
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: -0.011 min
Response: 2403907
Conc: 18.83 ug/ml



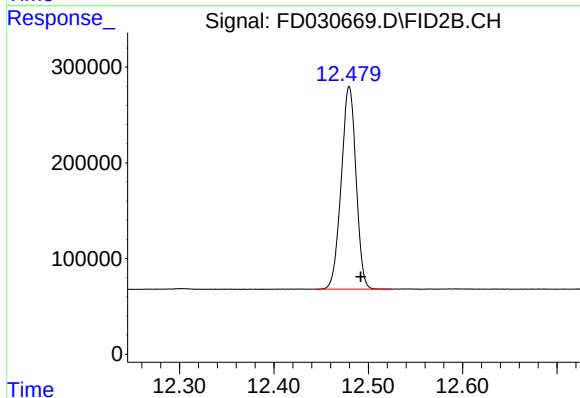
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: -0.011 min
Response: 2366620
Conc: 18.46 ug/ml



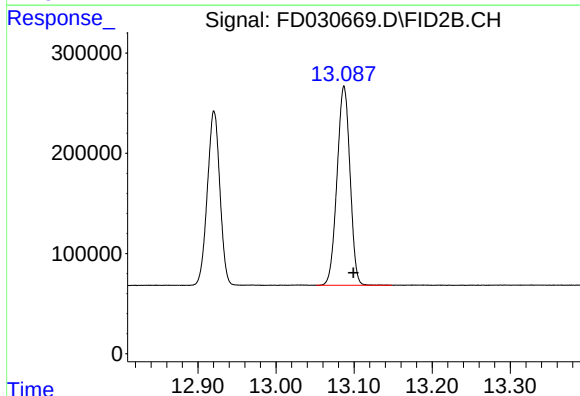
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: -0.011 min
Response: 2601956
Conc: 17.89 ug/ml



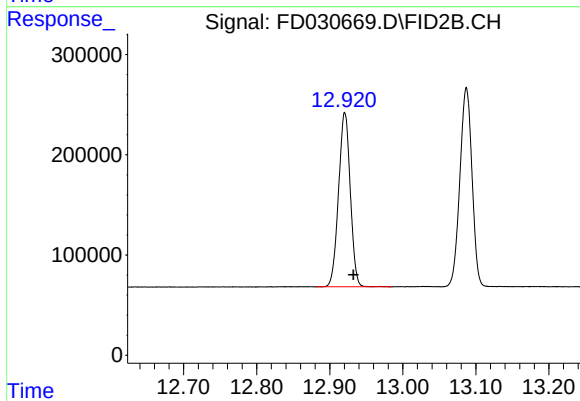
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: -0.012 min
Response: 2307697
Conc: 18.11 ug/ml



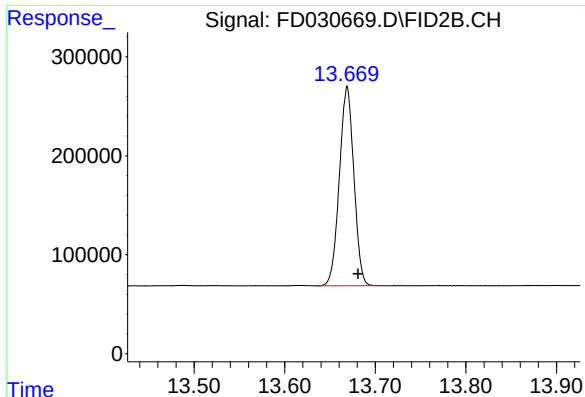
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.012 min
Response: 2292755
Conc: 17.92 ug/ml



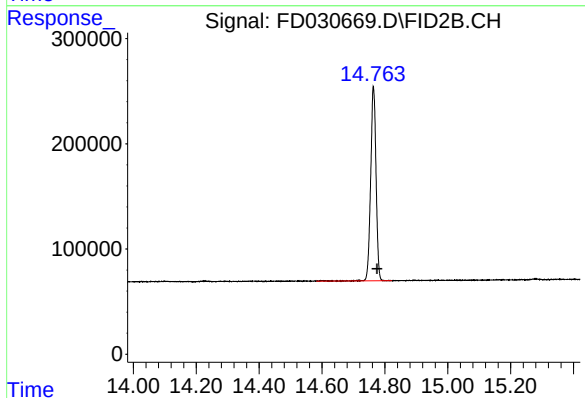
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.012 min
Response: 1938963
Conc: 17.75 ug/ml



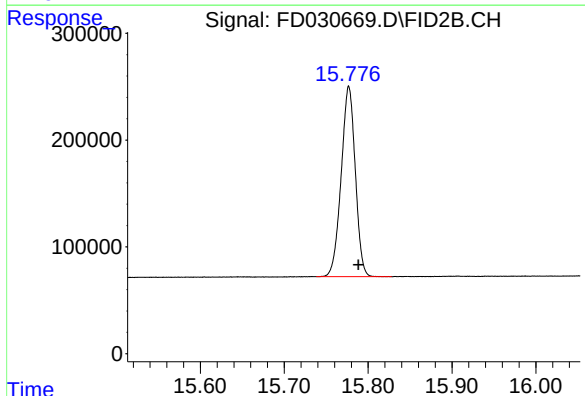
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.012 min
Response: 2240055
Conc: 17.59 ug/ml



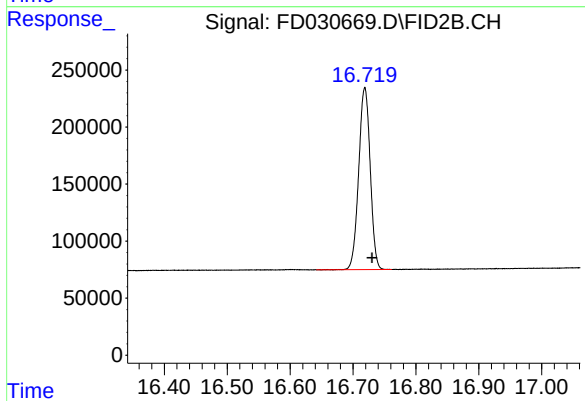
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: -0.011 min
Response: 2187073
Conc: 17.22 ug/ml



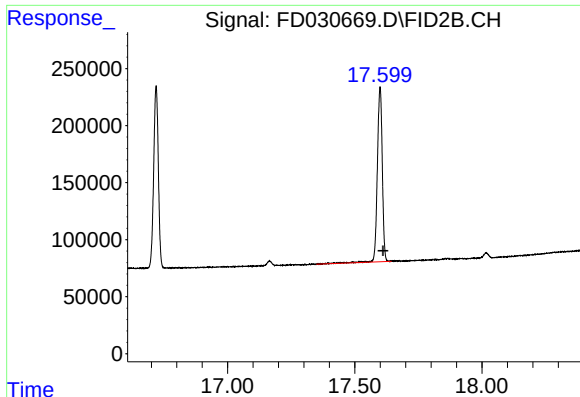
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: -0.012 min
Response: 2083809
Conc: 16.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.719 min
Delta R.T.: -0.012 min
Response: 2027444
Conc: 16.63 ug/ml



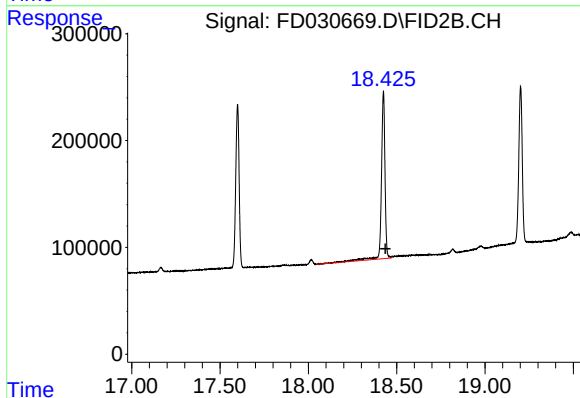
#17 n-Tricontane (C30)

R.T.: 17.599 min

Delta R.T.: -0.012 min

Response: 2064952

Conc: 17.37 ug/ml



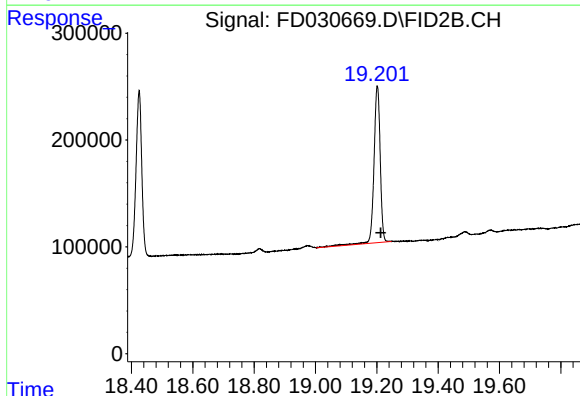
#18 n-Dotriacontane (C32)

R.T.: 18.425 min

Delta R.T.: -0.011 min

Response: 2228713

Conc: 19.44 ug/ml



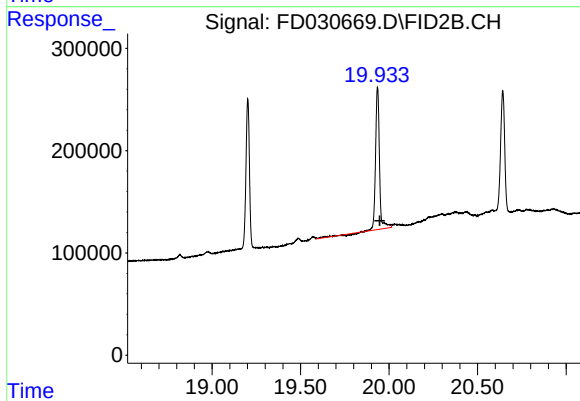
#19 n-Tetratriacontane (C34)

R.T.: 19.202 min

Delta R.T.: -0.011 min

Response: 2078040

Conc: 19.14 ug/ml



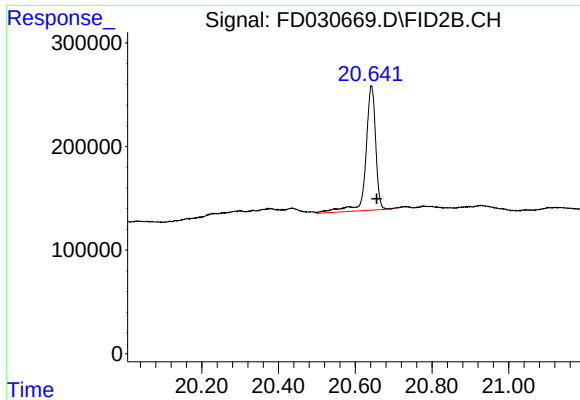
#20 n-Hexatriacontane (C36)

R.T.: 19.935 min

Delta R.T.: -0.012 min

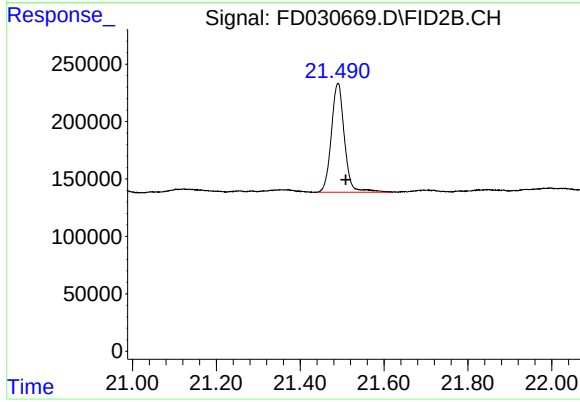
Response: 2158054

Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.642 min
Delta R.T.: -0.014 min
Response: 2154238
Conc: 22.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.490 min
Delta R.T.: -0.019 min
Response: 2057205
Conc: 20.06 ug/ml