

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091119AL\
 Data File : FD030629.D
 Signal(s) : FID2B.CH
 Acq On : 11 Sep 2019 9:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 12 05:14:05 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)	11.496	2765025	19.010 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	12.923	2065762	18.915 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.310	2524417	20.224 ug/ml
2) T n-Decane (C10)	4.369	2551126	20.390 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2833441	20.206 ug/ml
4) T n-Dodecane (C12)	6.375	2574819	20.352 ug/ml
5) T A~2-methylnaphthalene...	6.994	2865019	20.215 ug/ml
6) T n-Tetradecane (C14)	8.159	2565918	20.162 ug/ml
7) T n-Hexadecane (C16)	9.750	2569630	20.131 ug/ml
8) T n-Octadecane (C18)	11.182	2516344	19.629 ug/ml
10) T n-Eicosane (C20)	12.482	2453255	19.251 ug/ml
11) T n-Heneicosane (C21)	13.090	2435826	19.041 ug/ml
13) T n-Docosane (C22)	13.672	2393134	18.788 ug/ml
14) T n-Tetracosane (C24)	14.766	2344804	18.465 ug/ml
15) T n-Hexacosane (C26)	15.779	2271166	18.259 ug/ml
16) T n-Octacosane (C28)	16.722	2212206	18.144 ug/ml
17) T n-Tricontane (C30)	17.601	2223705	18.704 ug/ml
18) T n-Dotriacontane (C32)	18.427	2139476	18.659 ug/mlm
19) T n-Tetratriacontane (C34)	19.202	2098654	19.331 ug/mlm
20) T n-Hexatriacontane (C36)	19.935	2083057	20.293 ug/mlm
21) T n-Octatriacontane (C38)	20.642	1966988	20.271 ug/ml
22) T n-Tetracontane (C40)	21.490	2031808	19.815 ug/ml

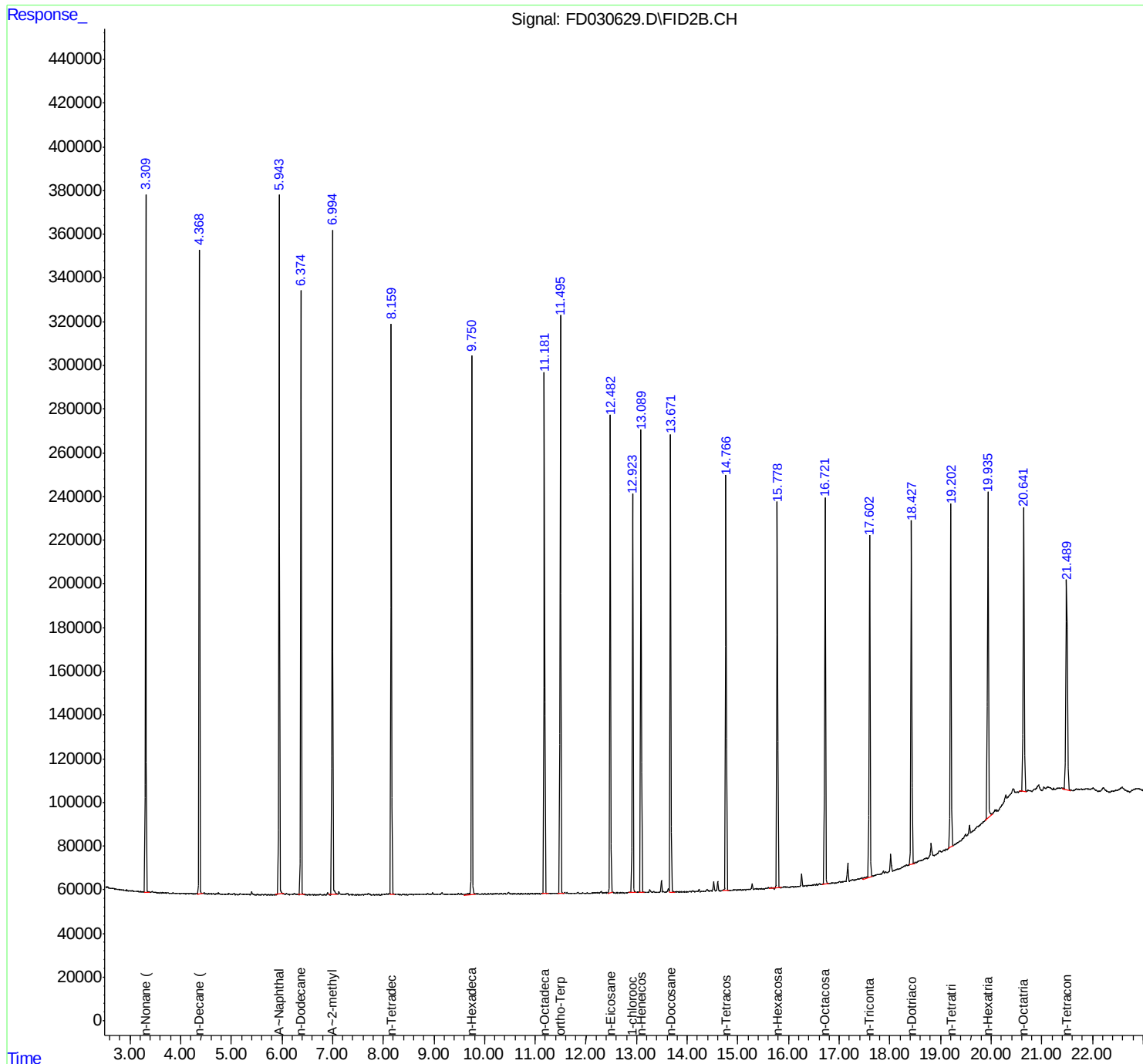
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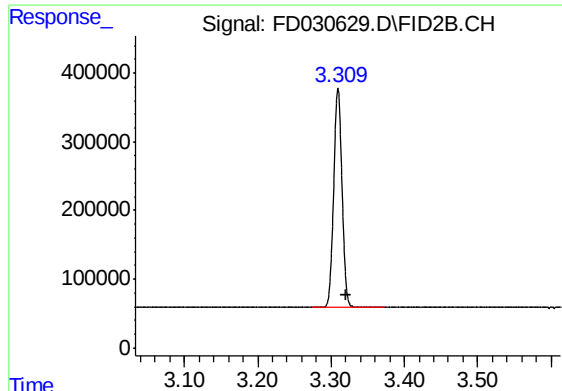
(m)=manual int.

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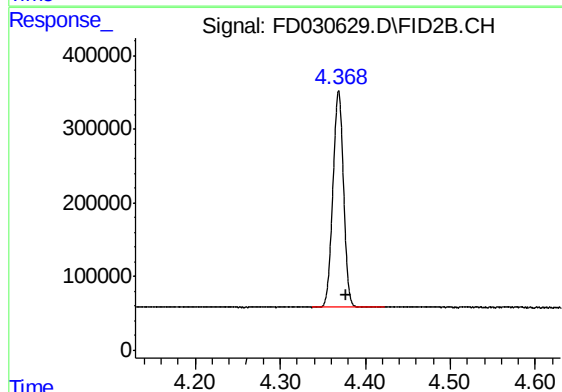
Volume Inj. : 1 ul
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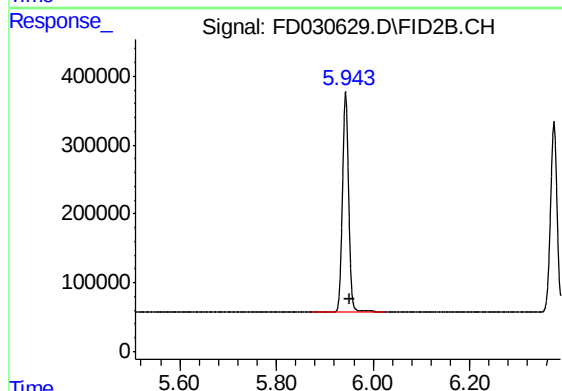
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.010 min
Response: 2524417
Conc: 20.22 ug/ml



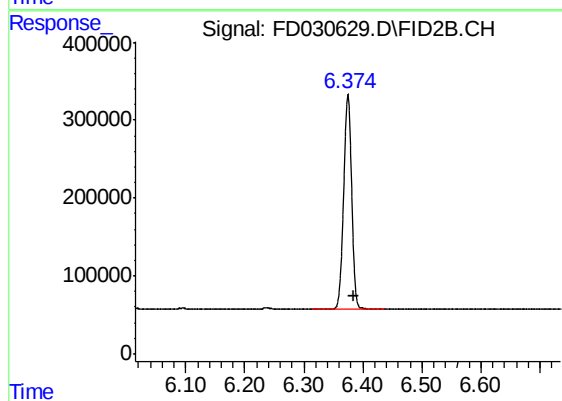
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.009 min
Response: 2551126
Conc: 20.39 ug/ml



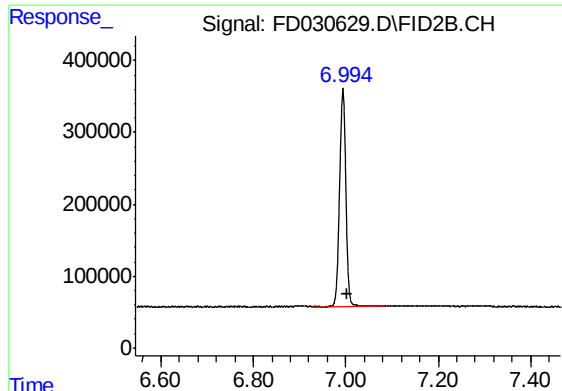
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 2833441
Conc: 20.21 ug/ml



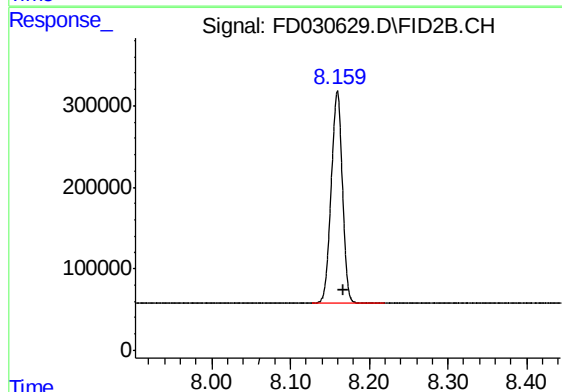
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.009 min
Response: 2574819
Conc: 20.35 ug/ml



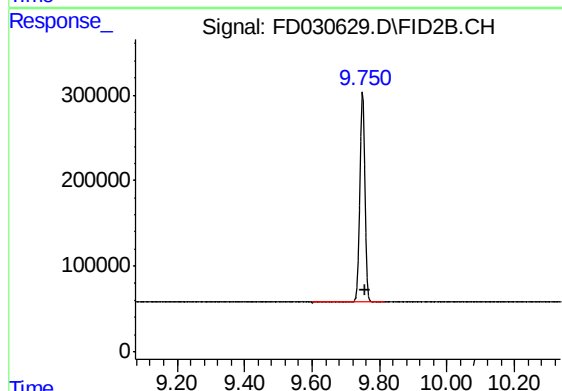
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.008 min
Response: 2865019
Conc: 20.21 ug/ml



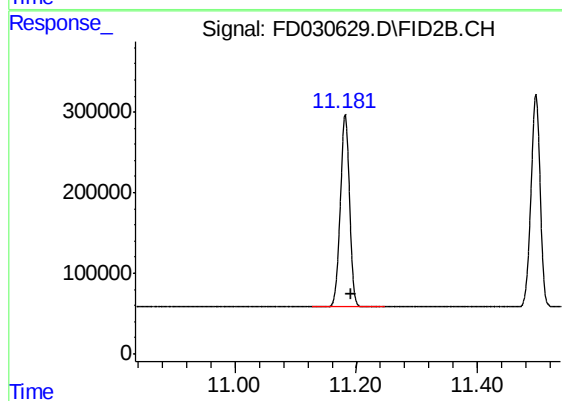
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.008 min
Response: 2565918
Conc: 20.16 ug/ml



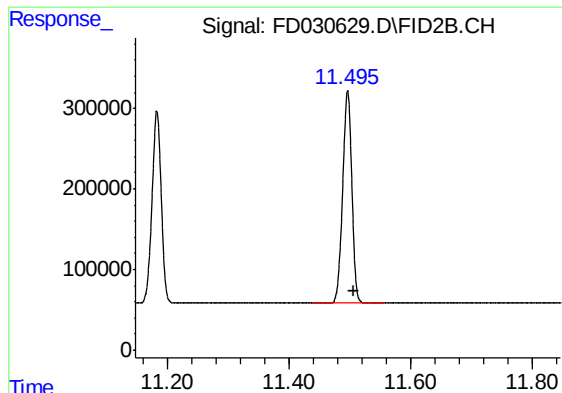
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.009 min
Response: 2569630
Conc: 20.13 ug/ml



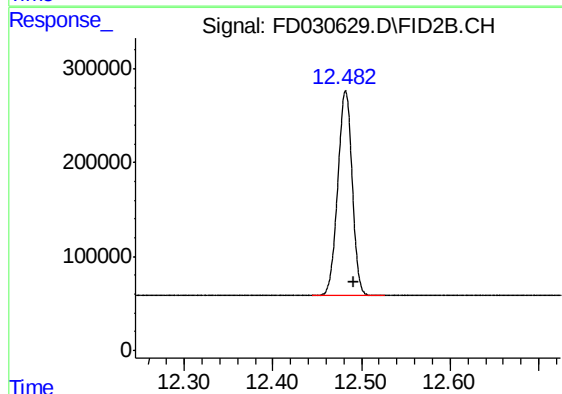
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: -0.009 min
Response: 2516344
Conc: 19.63 ug/ml



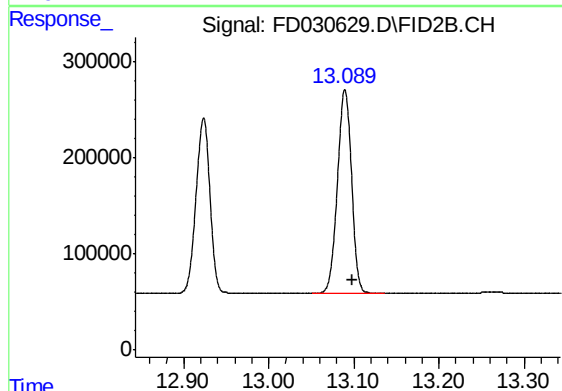
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.009 min
Response: 2765025
Conc: 19.01 ug/ml



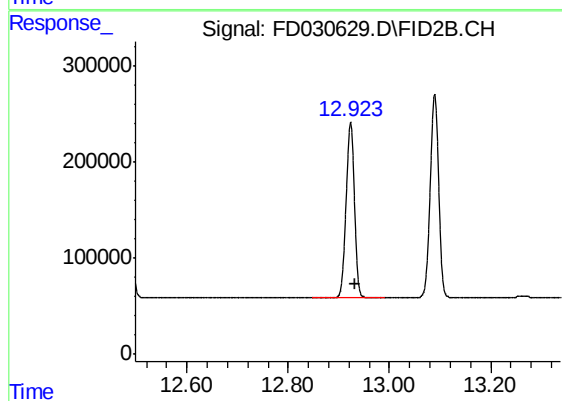
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: -0.010 min
Response: 2453255
Conc: 19.25 ug/ml



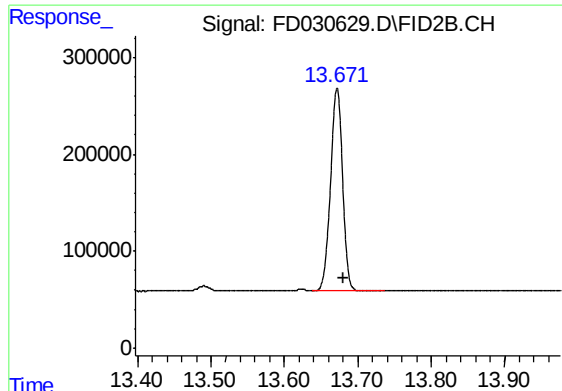
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: -0.009 min
Response: 2435826
Conc: 19.04 ug/ml



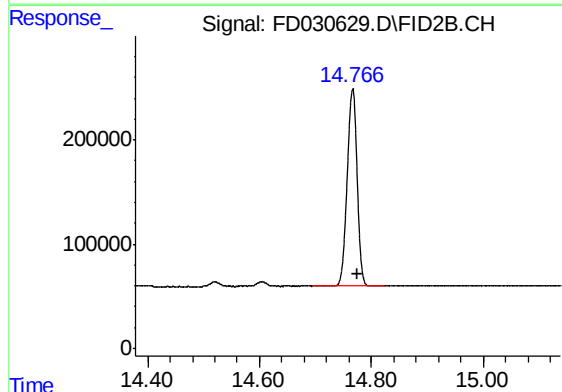
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: -0.009 min
Response: 2065762
Conc: 18.91 ug/ml



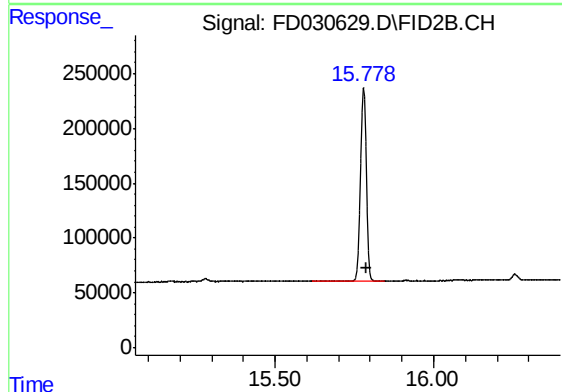
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: -0.009 min
Response: 2393134
Conc: 18.79 ug/ml



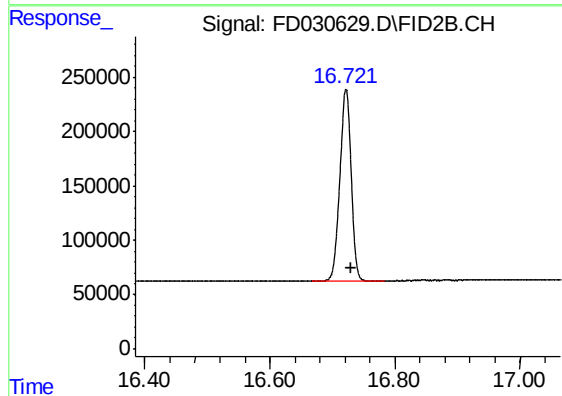
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.009 min
Response: 2344804
Conc: 18.47 ug/ml



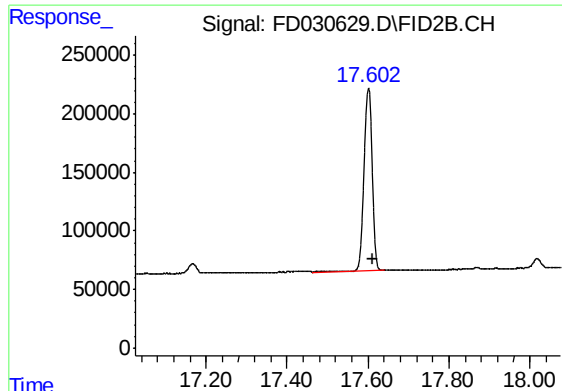
#15 n-Hexacosane (C26)

R.T.: 15.779 min
Delta R.T.: -0.009 min
Response: 2271166
Conc: 18.26 ug/ml



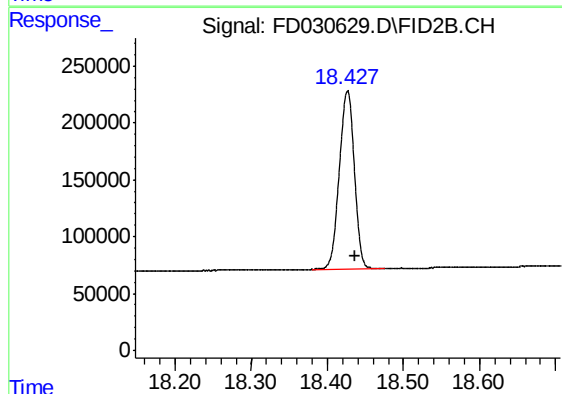
#16 n-Octacosane (C28)

R.T.: 16.722 min
Delta R.T.: -0.009 min
Response: 2212206
Conc: 18.14 ug/ml



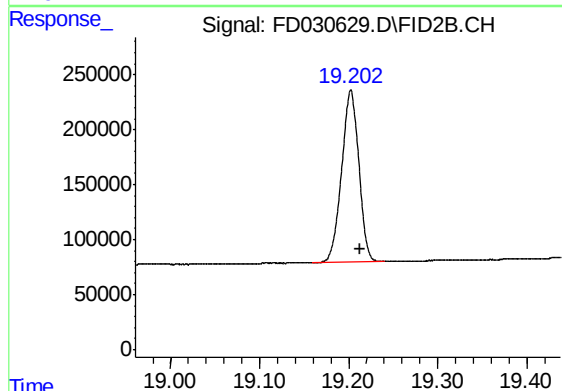
#17 n-Tricontane (C30)

R.T.: 17.601 min
Delta R.T.: -0.010 min
Response: 2223705
Conc: 18.70 ug/ml



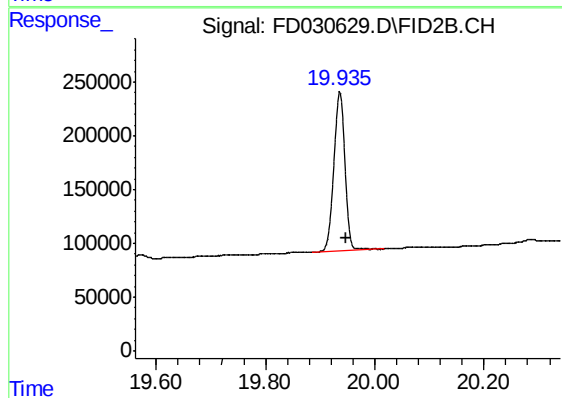
#18 n-Dotriacontane (C32)

R.T.: 18.427 min
Delta R.T.: -0.009 min
Response: 2139476
Conc: 18.66 ug/ml m



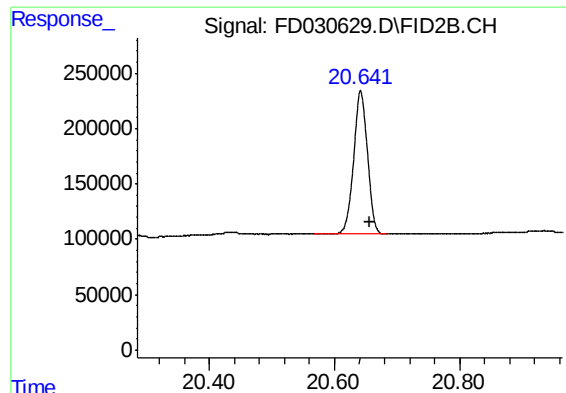
#19 n-Tetatriacontane (C34)

R.T.: 19.202 min
Delta R.T.: -0.010 min
Response: 2098654
Conc: 19.33 ug/ml m



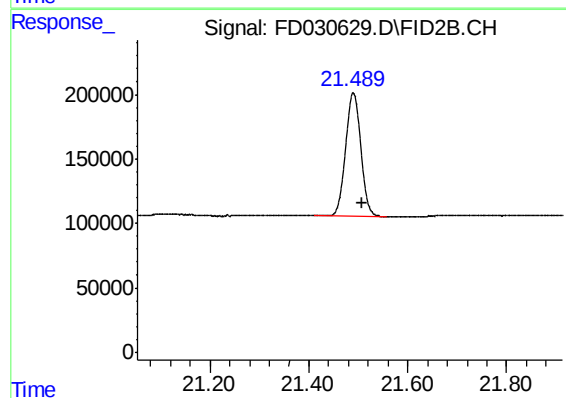
#20 n-Hexatriacontane (C36)

R.T.: 19.935 min
Delta R.T.: -0.012 min
Response: 2083057
Conc: 20.29 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.642 min
Delta R.T.: -0.014 min
Response: 1966988
Conc: 20.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.490 min
Delta R.T.: -0.019 min
Response: 2031808
Conc: 19.82 ug/ml