

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112019AL\
 Data File : FC044685.D
 Signal(s) : FID1A.CH
 Acq On : 21 Nov 2019 9:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 21 10:04:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.718	2445253	16.776 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
12) S 1-chlorooctadecane (S...	13.145	1820163	16.279 ug/ml
Spiked Amount 50.000		Recovery =	32.56%
Target Compounds			
1) T n-Nonane (C9)	3.455	2335355	21.200 ug/ml
2) T n-Decane (C10)	4.531	2396099	21.573 ug/ml
3) T A~Naphthalene (C11.7)	6.131	2610351	20.980 ug/ml
4) T n-Dodecane (C12)	6.554	2400442	21.344 ug/ml
5) T A~2-methylnaphthalene...	7.188	2605073	20.658 ug/ml
6) T n-Tetradecane (C14)	8.349	2371249	20.959 ug/ml
7) T n-Hexadecane (C16)	9.949	2338494	20.466 ug/ml
8) T n-Octadecane (C18)	11.391	2279190	19.907 ug/ml
10) T n-Eicosane (C20)	12.699	2202279	19.310 ug/ml
11) T n-Heneicosane (C21)	13.310	2175523	18.967 ug/ml
13) T n-Docosane (C22)	13.897	2122803	18.694 ug/ml
14) T n-Tetracosane (C24)	14.998	2074163	18.342 ug/ml
15) T n-Hexacosane (C26)	16.018	2007906	18.148 ug/ml
16) T n-Octacosane (C28)	16.966	2001028	18.472 ug/ml
17) T n-Tricontane (C30)	17.854	2037536	19.252 ug/ml
18) T n-Dotriacontane (C32)	18.686	2015850	20.016 ug/ml
19) T n-Tetratriacontane (C34)	19.470	2022638	21.571 ug/ml
20) T n-Hexatriacontane (C36)	20.206	1949754	22.460 ug/ml
21) T n-Octatriacontane (C38)	20.975	1812401	22.475 ug/ml
22) T n-Tetracontane (C40)	21.939	1837774	21.742 ug/ml

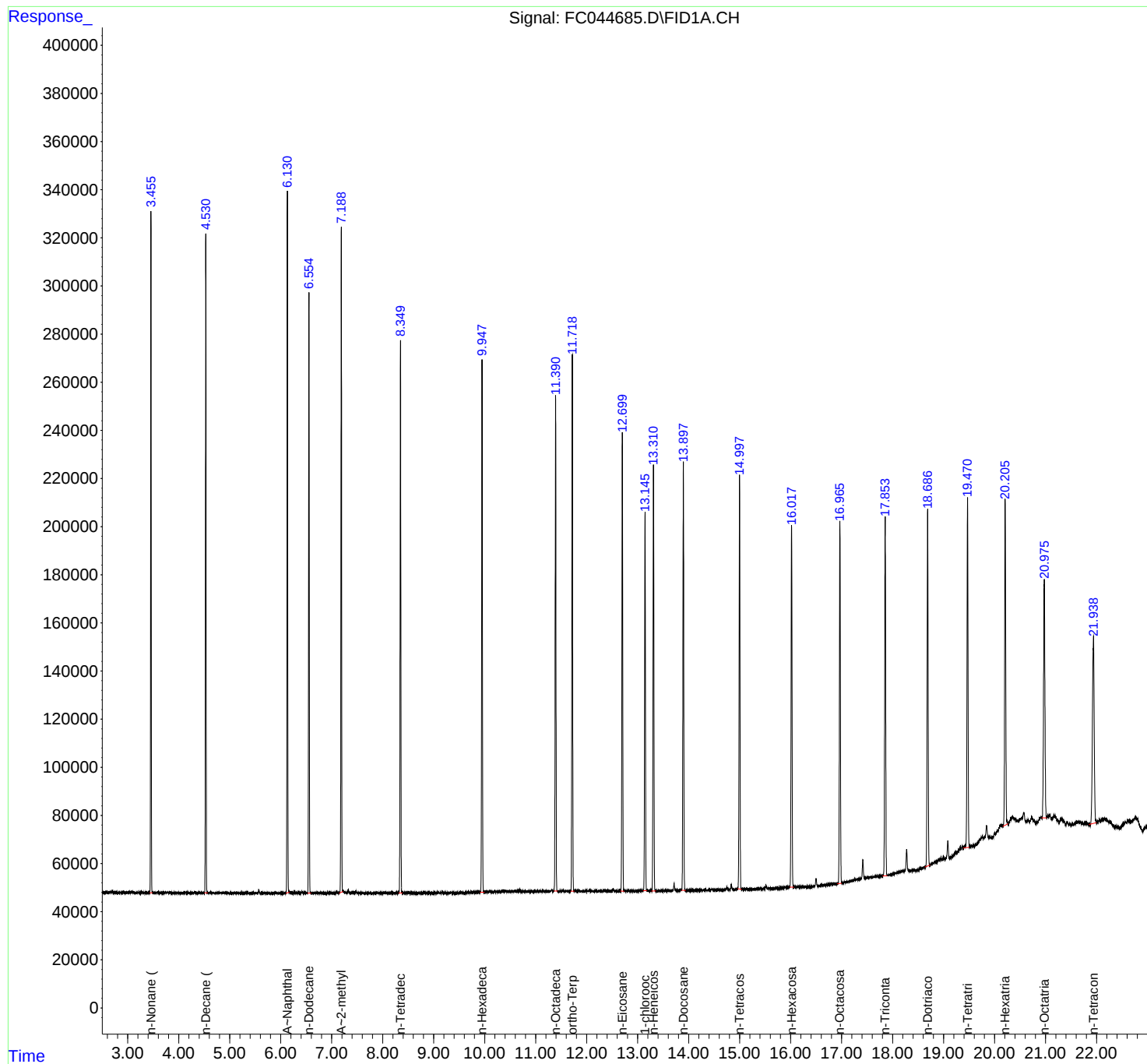
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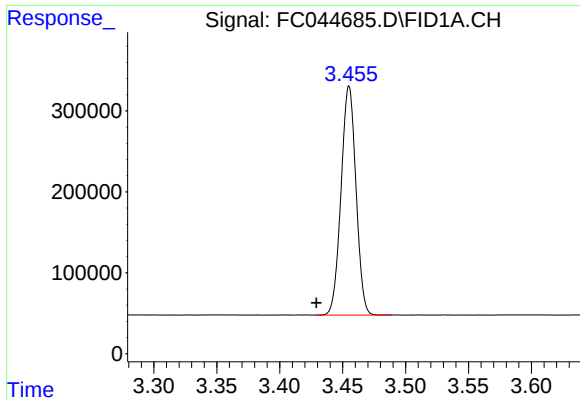
(m)=manual int.

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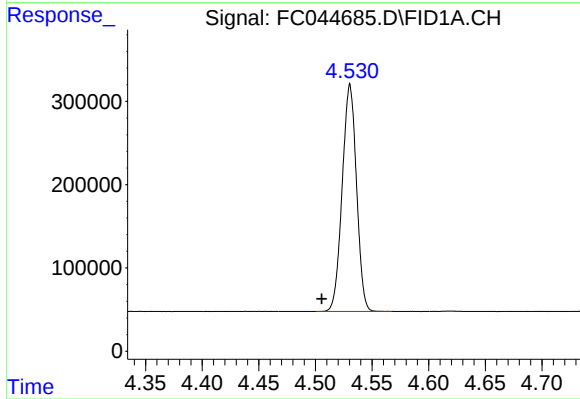
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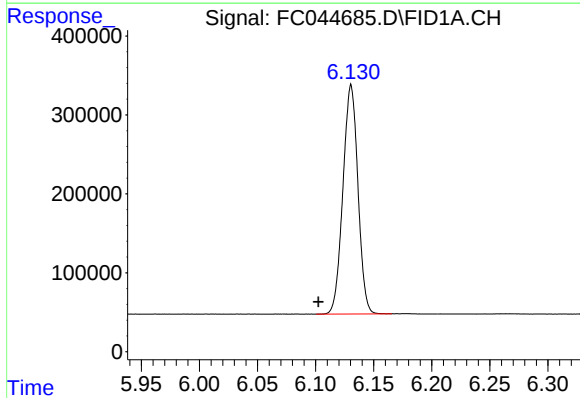
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: 0.026 min
Response: 2335355
Conc: 21.20 ug/ml



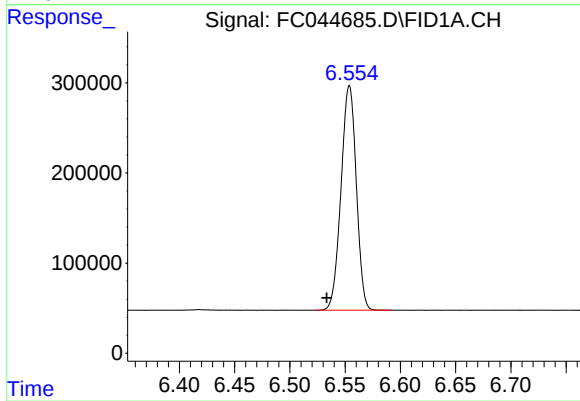
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.025 min
Response: 2396099
Conc: 21.57 ug/ml



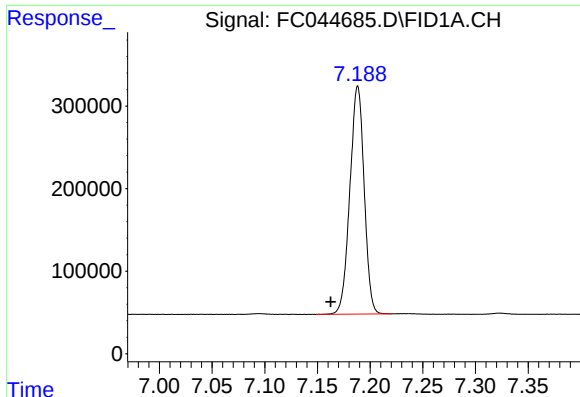
#3 A~Naphthalene (C11.7)

R.T.: 6.131 min
Delta R.T.: 0.028 min
Response: 2610351
Conc: 20.98 ug/ml



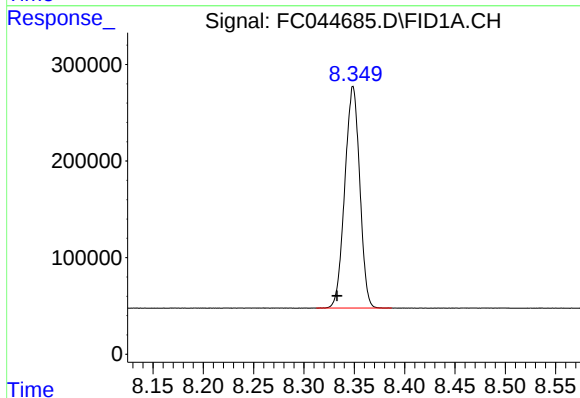
#4 n-Dodecane (C12)

R.T.: 6.554 min
Delta R.T.: 0.020 min
Response: 2400442
Conc: 21.34 ug/ml



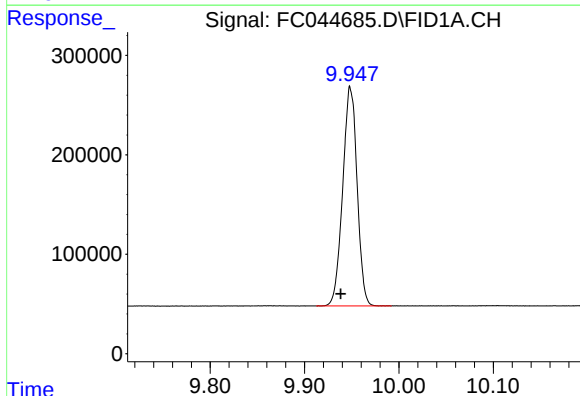
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: 0.026 min
Response: 2605073
Conc: 20.66 ug/ml



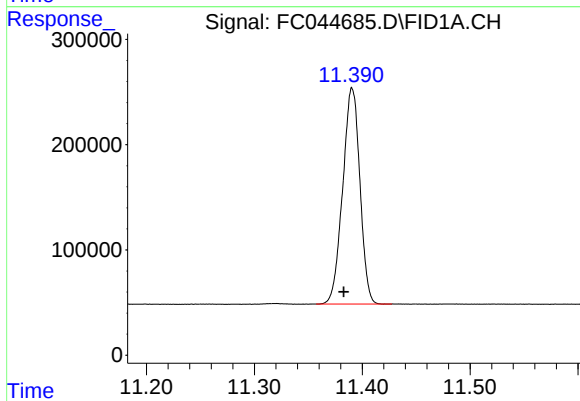
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2371249
Conc: 20.96 ug/ml



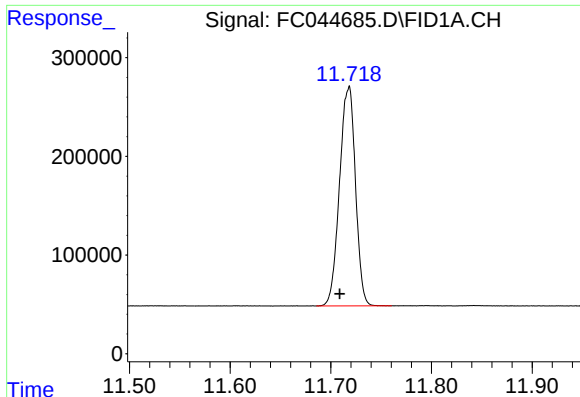
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.010 min
Response: 2338494
Conc: 20.47 ug/ml



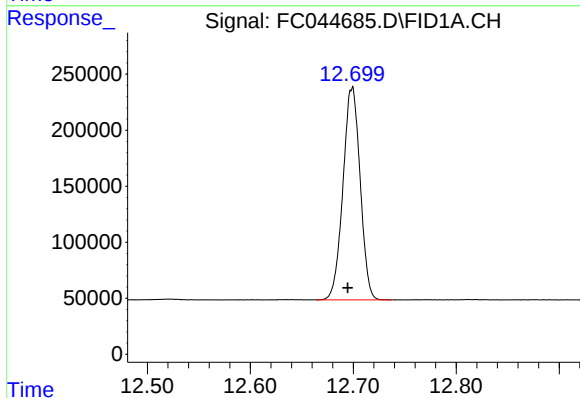
#8 n-Octadecane (C18)

R.T.: 11.391 min
Delta R.T.: 0.008 min
Response: 2279190
Conc: 19.91 ug/ml



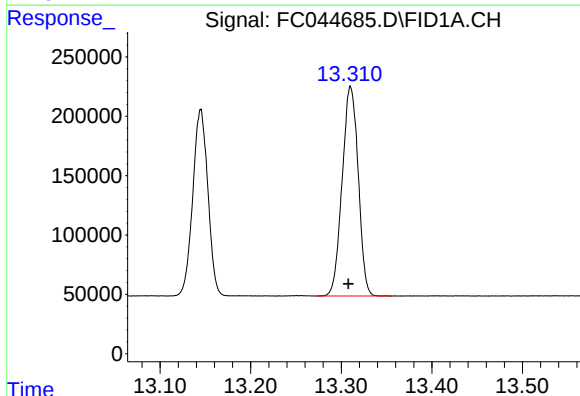
#9 ortho-Terphenyl (SURR)

R.T.: 11.718 min
Delta R.T.: 0.009 min
Response: 2445253
Conc: 16.78 ug/ml



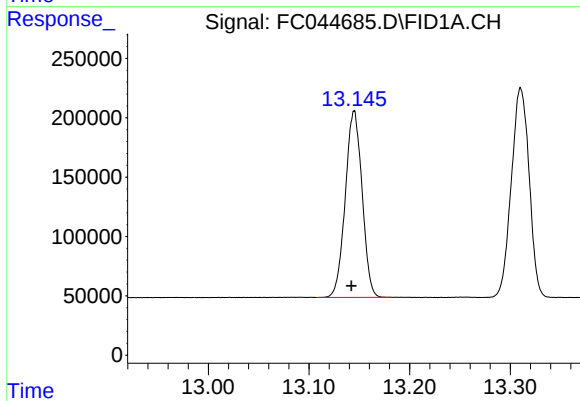
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: 0.004 min
Response: 2202279
Conc: 19.31 ug/ml



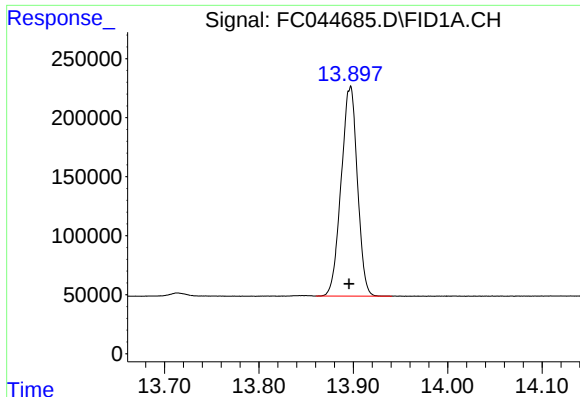
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.002 min
Response: 2175523
Conc: 18.97 ug/ml



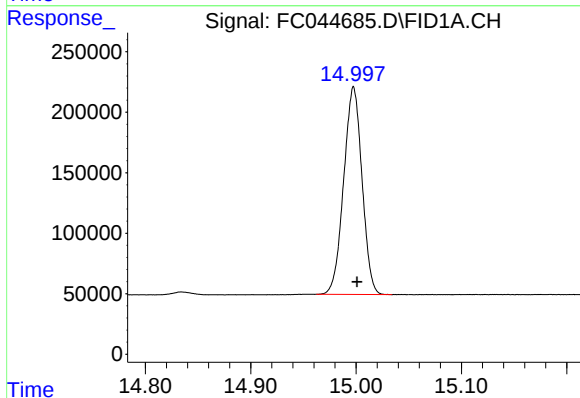
#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min
Delta R.T.: 0.003 min
Response: 1820163
Conc: 16.28 ug/ml



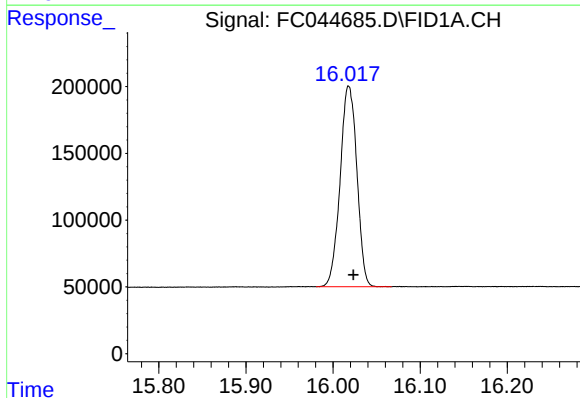
#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: 0.001 min
Response: 2122803
Conc: 18.69 ug/ml



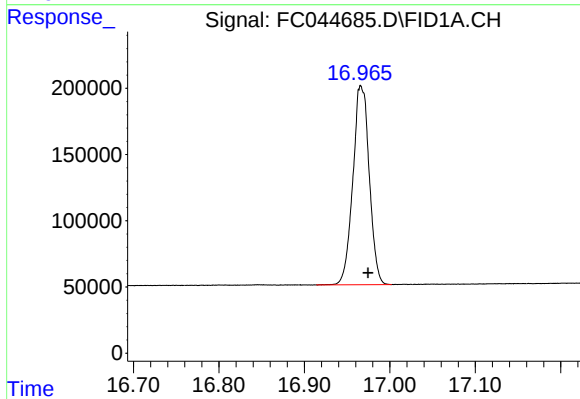
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.003 min
Response: 2074163
Conc: 18.34 ug/ml



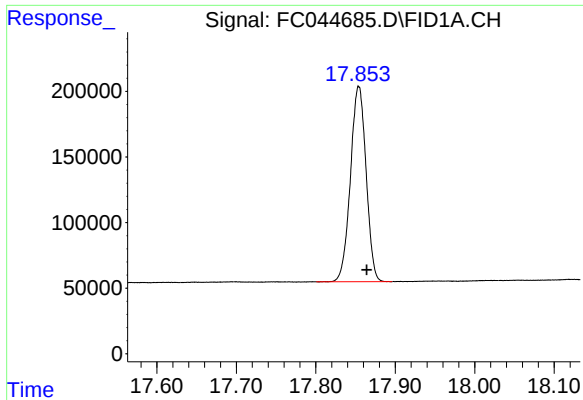
#15 n-Hexacosane (C26)

R.T.: 16.018 min
Delta R.T.: -0.005 min
Response: 2007906
Conc: 18.15 ug/ml



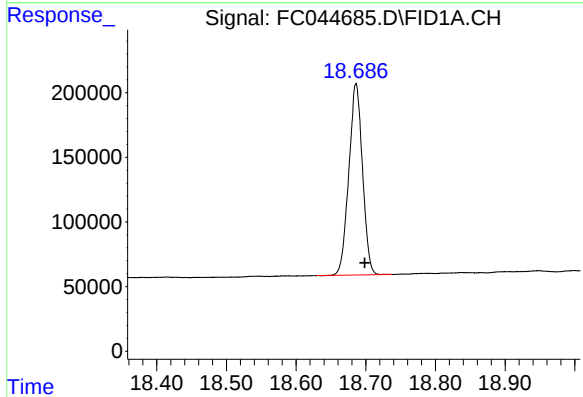
#16 n-Octacosane (C28)

R.T.: 16.966 min
Delta R.T.: -0.009 min
Response: 2001028
Conc: 18.47 ug/ml



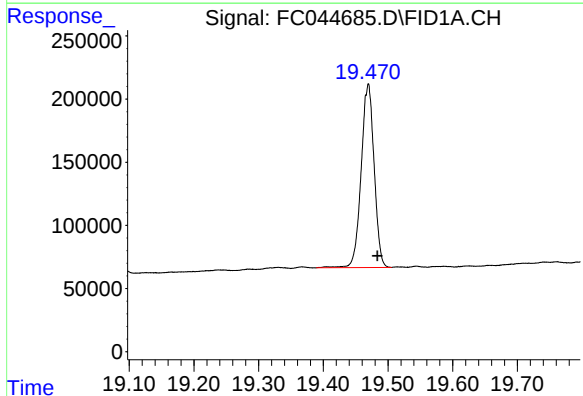
#17 n-Tricontane (C30)

R.T.: 17.854 min
Delta R.T.: -0.010 min
Response: 2037536
Conc: 19.25 ug/ml



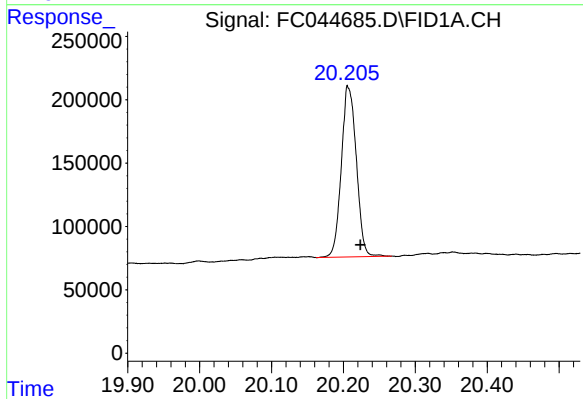
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: -0.012 min
Response: 2015850
Conc: 20.02 ug/ml



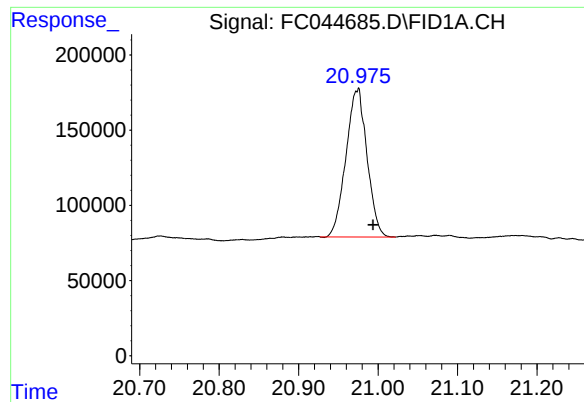
#19 n-Tetratriacontane (C34)

R.T.: 19.470 min
Delta R.T.: -0.014 min
Response: 2022638
Conc: 21.57 ug/ml



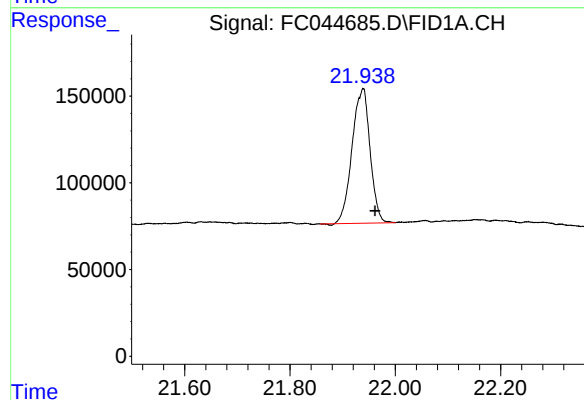
#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.017 min
Response: 1949754
Conc: 22.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: -0.019 min
Response: 1812401
Conc: 22.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.022 min
Response: 1837774
Conc: 21.74 ug/ml