

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110419AL\
 Data File : FC044332.D
 Signal(s) : FID1A.CH
 Acq On : 04 Nov 2019 14:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 05 00:19:42 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)	11.720	2547184	17.475 ug/ml
Spiked Amount 50.000		Recovery =	34.95%
12) S 1-chlorooctadecane (S...	13.150	1908368	17.067 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T n-Nonane (C9)	3.450	2417699	21.948 ug/ml
2) T n-Decane (C10)	4.526	2479430	22.323 ug/ml
3) T A~Naphthalene (C11.7)	6.126	2734249	21.976 ug/ml
4) T n-Dodecane (C12)	6.551	2503663	22.262 ug/ml
5) T A~2-methylnaphthalene...	7.185	2746510	21.780 ug/ml
6) T n-Tetradecane (C14)	8.349	2477797	21.901 ug/ml
7) T n-Hexadecane (C16)	9.950	2436833	21.327 ug/ml
8) T n-Octadecane (C18)	11.393	2372598	20.723 ug/ml
10) T n-Eicosane (C20)	12.703	2291243	20.090 ug/ml
11) T n-Heneicosane (C21)	13.316	2258645	19.692 ug/ml
13) T n-Docosane (C22)	13.903	2225468	19.598 ug/ml
14) T n-Tetracosane (C24)	15.006	2143627	18.956 ug/ml
15) T n-Hexacosane (C26)	16.027	2093121	18.918 ug/ml
16) T n-Octacosane (C28)	16.976	2059613	19.013 ug/ml
17) T n-Tricontane (C30)	17.866	2053305	19.401 ug/ml
18) T n-Dotriacontane (C32)	18.699	2007735	19.936 ug/ml
19) T n-Tetratriacontane (C34)	19.483	1979010	21.106 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1933187	22.269 ug/ml
21) T n-Octatriacontane (C38)	20.990	1856502	23.022 ug/ml
22) T n-Tetracontane (C40)	21.954	1924425	22.767 ug/ml

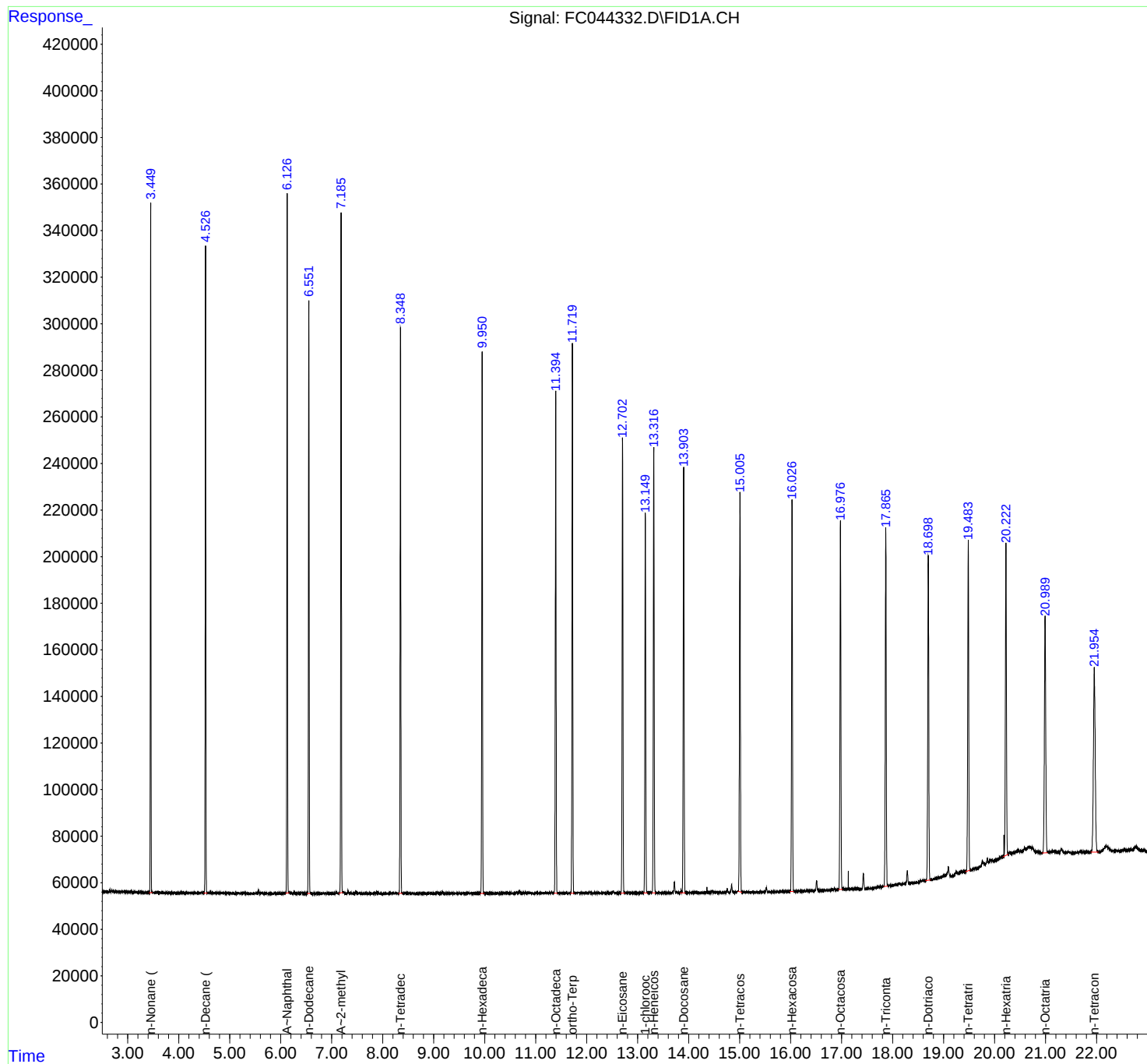
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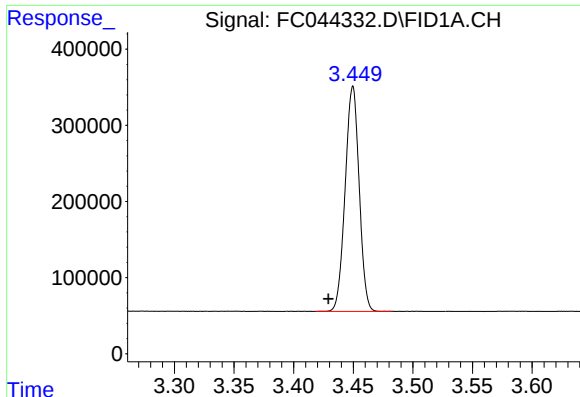
(m)=manual int.

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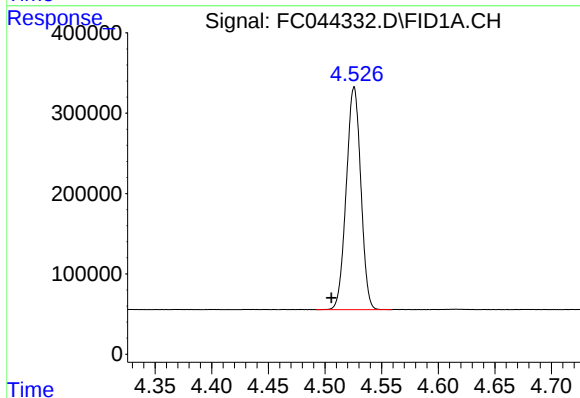
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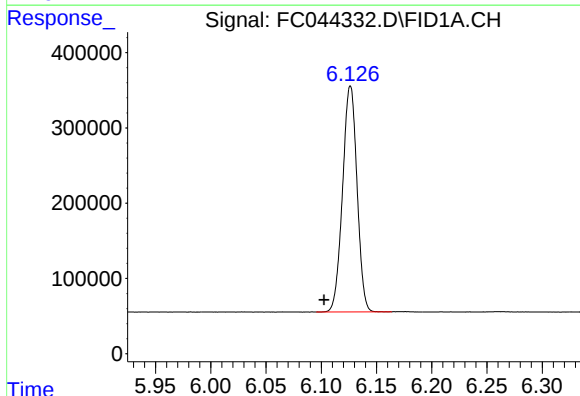
#1 n-Nonane (C9)

R.T.: 3.450 min
Delta R.T.: 0.021 min
Response: 2417699
Conc: 21.95 ug/ml



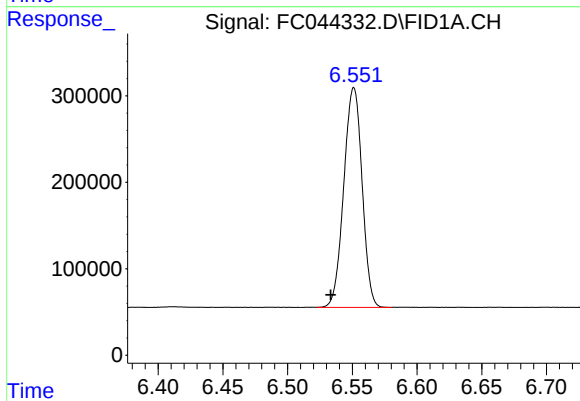
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.020 min
Response: 2479430
Conc: 22.32 ug/ml



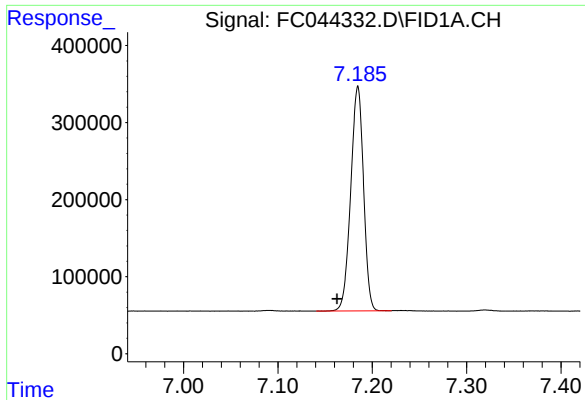
#3 A~Naphthalene (C11.7)

R.T.: 6.126 min
Delta R.T.: 0.024 min
Response: 2734249
Conc: 21.98 ug/ml



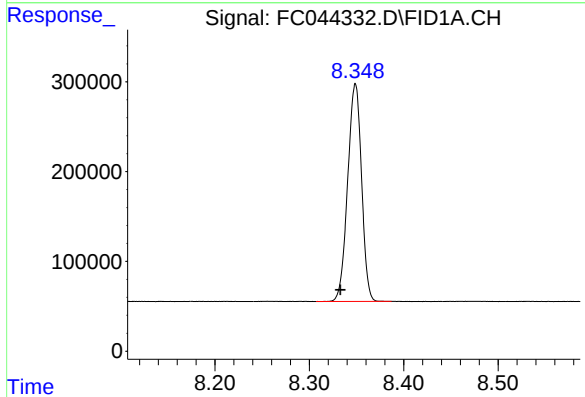
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2503663
Conc: 22.26 ug/ml



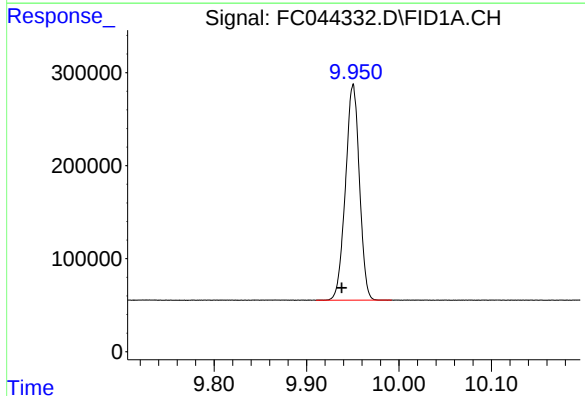
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.022 min
Response: 2746510
Conc: 21.78 ug/ml



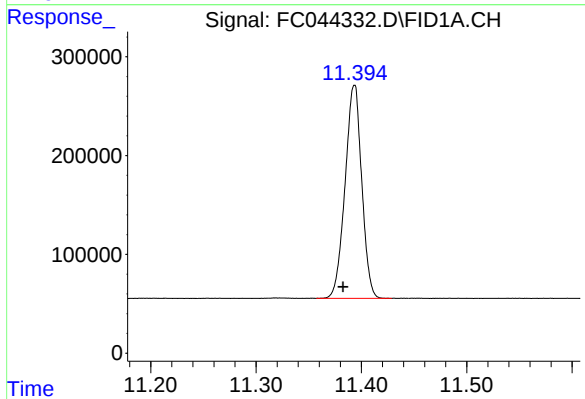
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2477797
Conc: 21.90 ug/ml



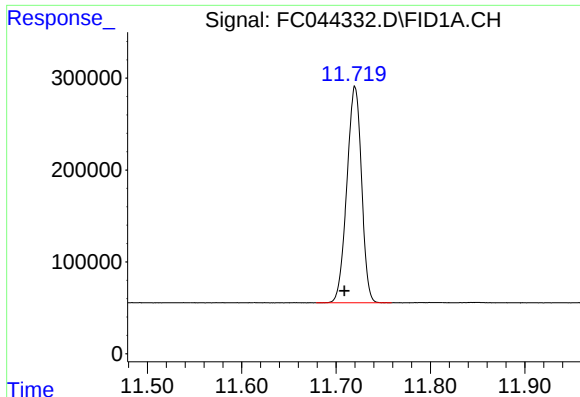
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.012 min
Response: 2436833
Conc: 21.33 ug/ml



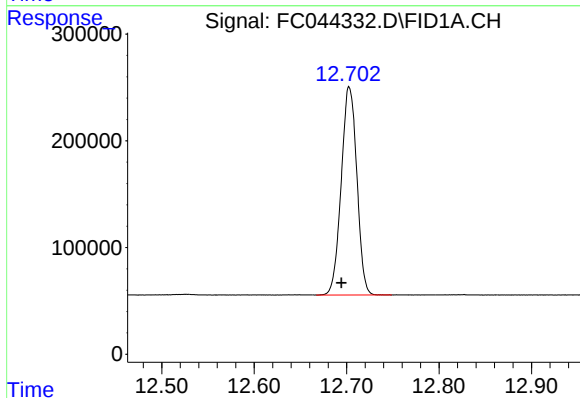
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.011 min
Response: 2372598
Conc: 20.72 ug/ml



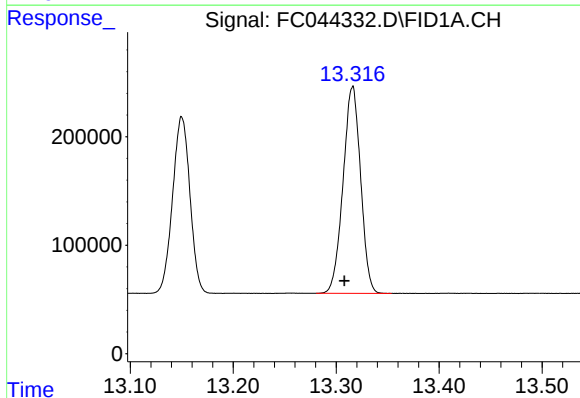
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.011 min
Response: 2547184
Conc: 17.48 ug/ml



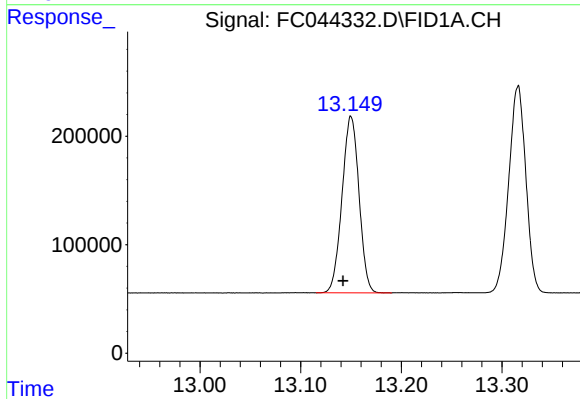
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.008 min
Response: 2291243
Conc: 20.09 ug/ml



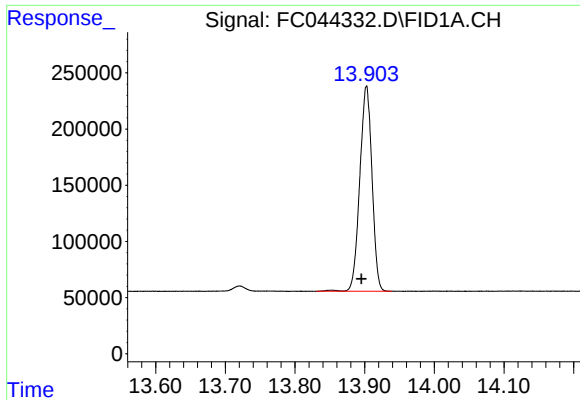
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.008 min
Response: 2258645
Conc: 19.69 ug/ml



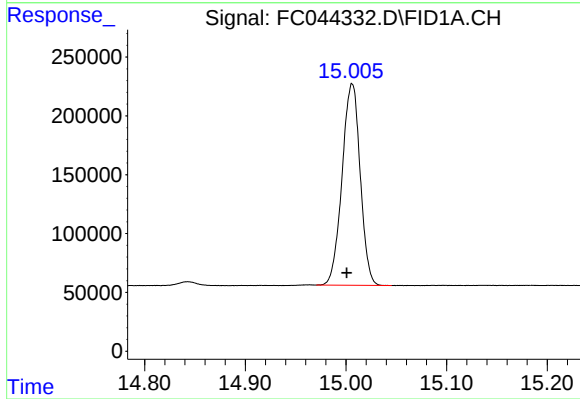
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1908368
Conc: 17.07 ug/ml



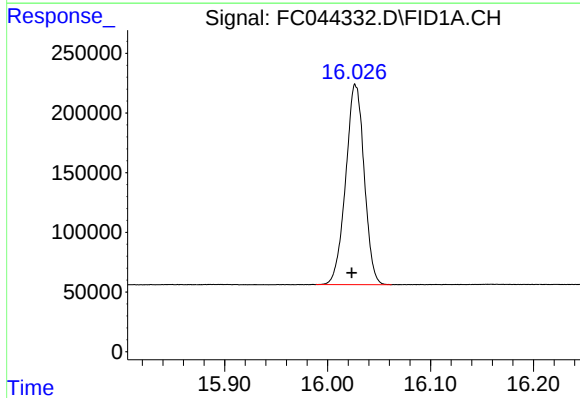
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: 0.007 min
Response: 2225468
Conc: 19.60 ug/ml



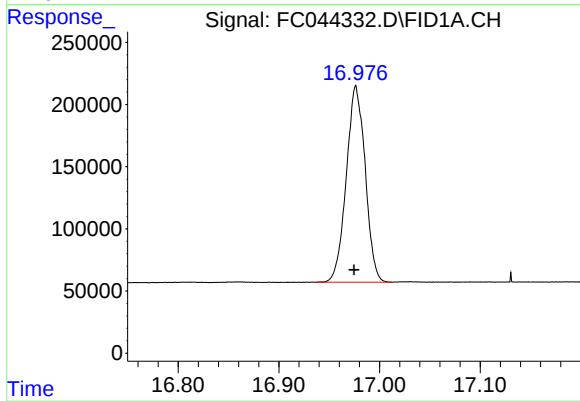
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: 0.005 min
Response: 2143627
Conc: 18.96 ug/ml



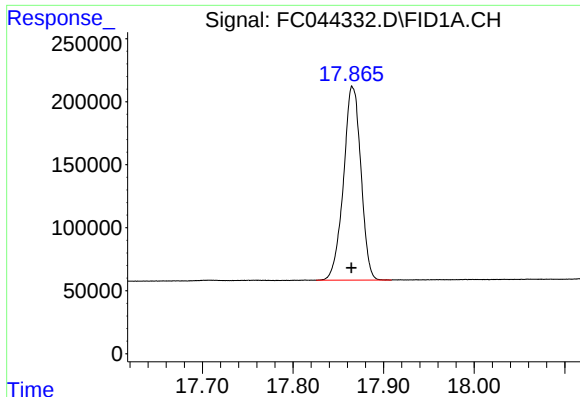
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.004 min
Response: 2093121
Conc: 18.92 ug/ml



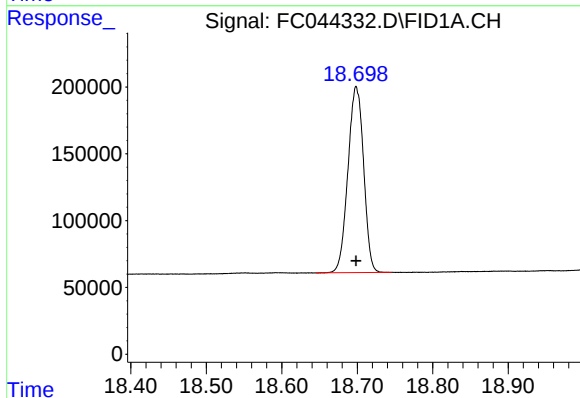
#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.002 min
Response: 2059613
Conc: 19.01 ug/ml



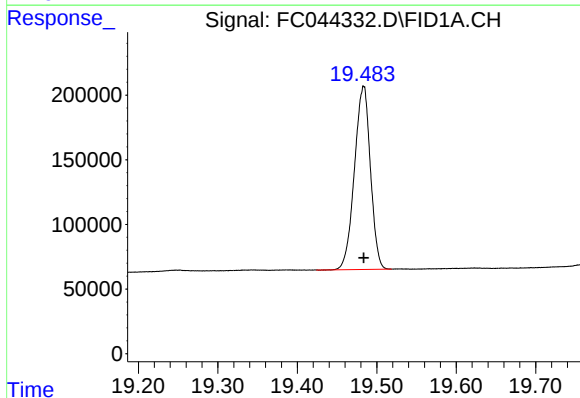
#17 n-Tricontane (C30)

R.T.: 17.866 min
Delta R.T.: 0.002 min
Response: 2053305
Conc: 19.40 ug/ml



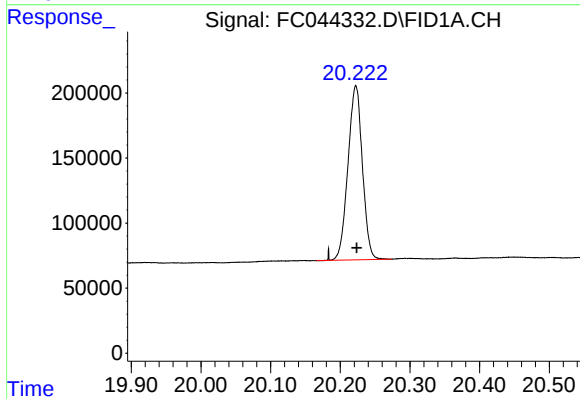
#18 n-Dotriacontane (C32)

R.T.: 18.699 min
Delta R.T.: 0.000 min
Response: 2007735
Conc: 19.94 ug/ml



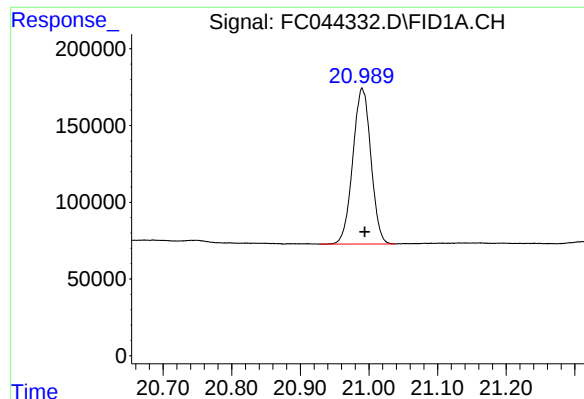
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: 0.000 min
Response: 1979010
Conc: 21.11 ug/ml



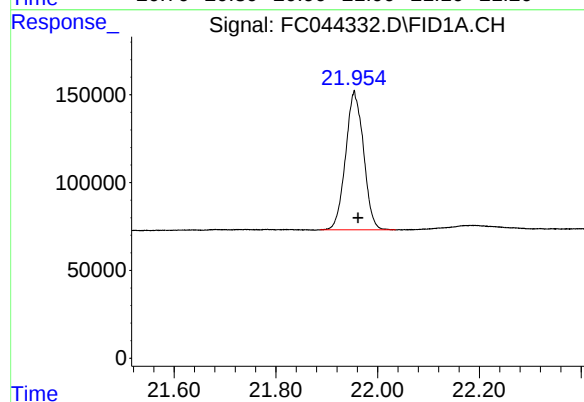
#20 n-Hexatriacontane (C36)

R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 1933187
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: -0.004 min
Response: 1856502
Conc: 23.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.008 min
Response: 1924425
Conc: 22.77 ug/ml