

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111819AL\
 Data File : FC044628.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2019 13:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 19 13:39:49 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)	11.722	2544021	17.453 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
12) S 1-chlorooctadecane (S...	13.151	1899147	16.985 ug/ml
Spiked Amount 50.000		Recovery =	33.97%
Target Compounds			
1) T n-Nonane (C9)	3.456	2424771	22.012 ug/ml
2) T n-Decane (C10)	4.532	2481009	22.337 ug/ml
3) T A~Naphthalene (C11.7)	6.133	2717348	21.840 ug/ml
4) T n-Dodecane (C12)	6.556	2494041	22.176 ug/ml
5) T A~2-methylnaphthalene...	7.191	2719413	21.565 ug/ml
6) T n-Tetradecane (C14)	8.351	2464163	21.781 ug/ml
7) T n-Hexadecane (C16)	9.952	2433737	21.300 ug/ml
8) T n-Octadecane (C18)	11.394	2371902	20.717 ug/ml
10) T n-Eicosane (C20)	12.705	2310127	20.256 ug/ml
11) T n-Heneicosane (C21)	13.316	2266031	19.756 ug/ml
13) T n-Docosane (C22)	13.903	2216194	19.516 ug/ml
14) T n-Tetracosane (C24)	15.006	2160881	19.109 ug/ml
15) T n-Hexacosane (C26)	16.028	2080864	18.807 ug/ml
16) T n-Octacosane (C28)	16.978	2065240	19.065 ug/ml
17) T n-Tricontane (C30)	17.865	2103456	19.875 ug/ml
18) T n-Dotriacontane (C32)	18.698	2063233	20.487 ug/ml
19) T n-Tetratriacontane (C34)	19.481	2045506	21.815 ug/ml
20) T n-Hexatriacontane (C36)	20.221	2029714	23.381 ug/ml
21) T n-Octatriacontane (C38)	20.989	1961657	24.326 ug/ml
22) T n-Tetracontane (C40)	21.953	1916947	22.678 ug/ml

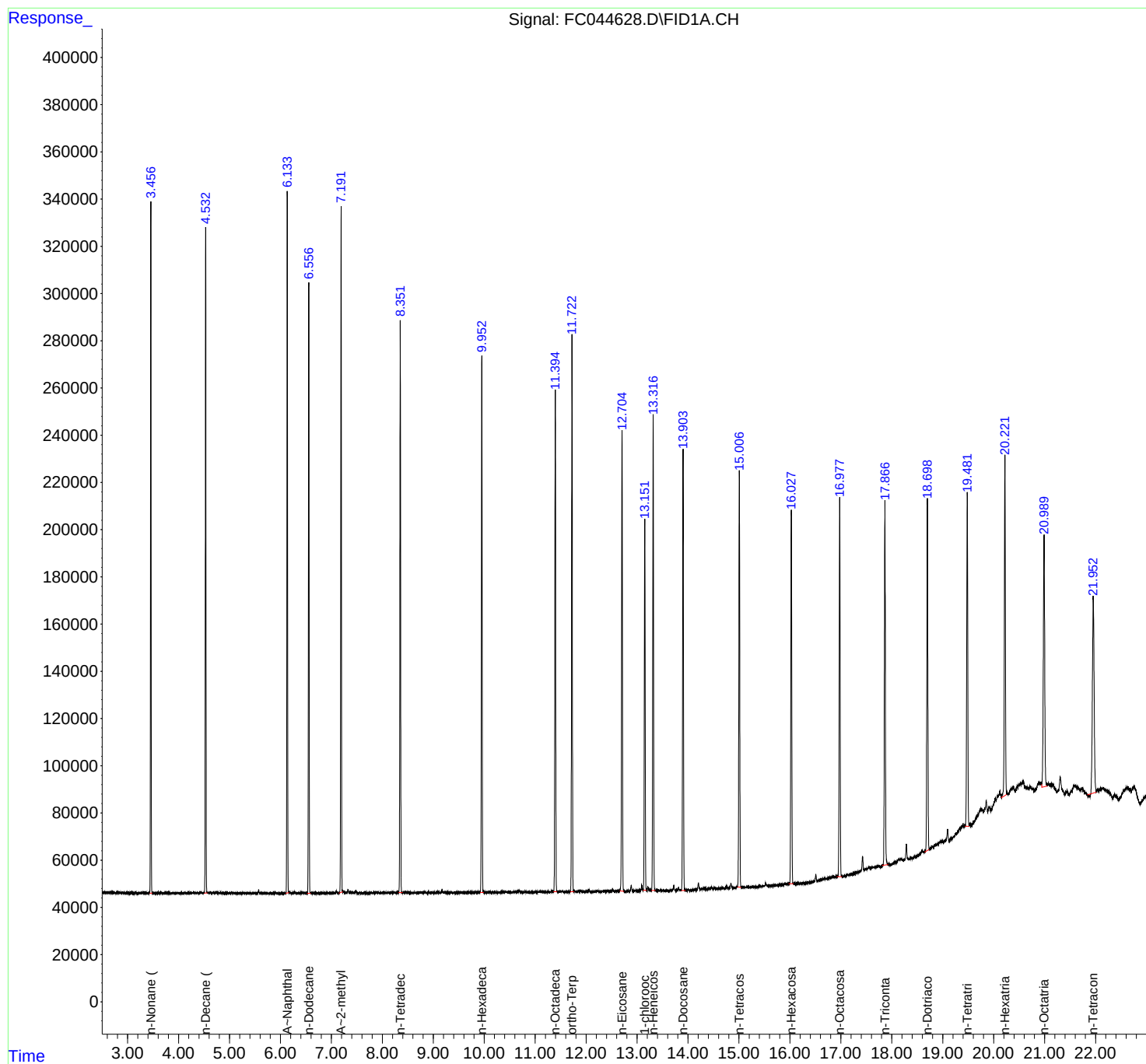
(f)=RT Delta > 1/2 Window

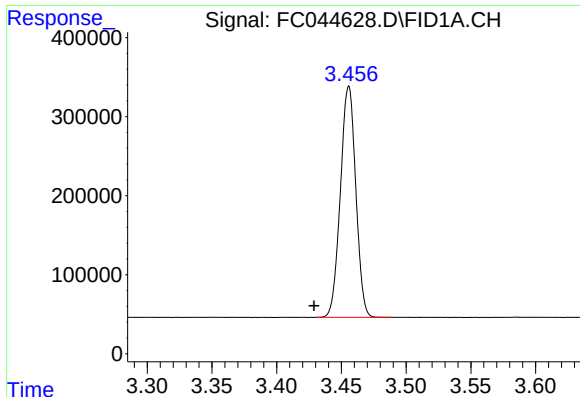
(m)=manual int.

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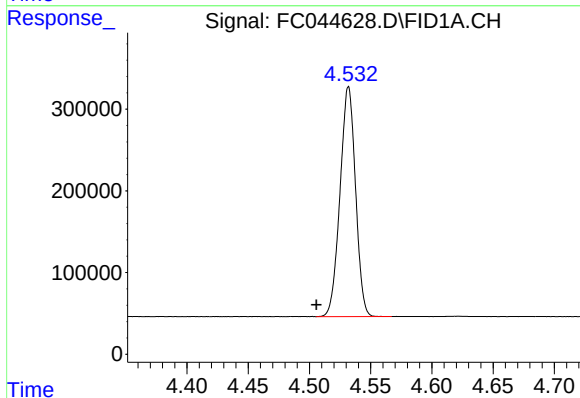
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





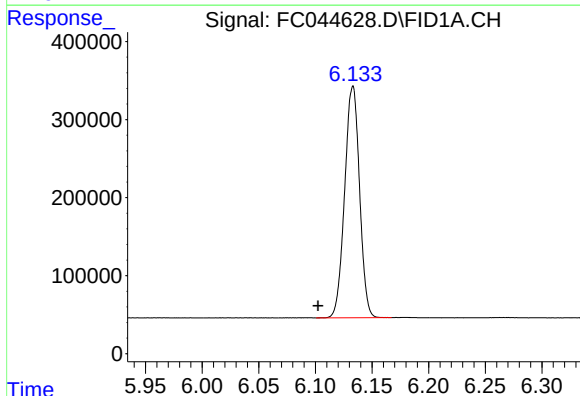
#1 n-Nonane (C9)

R.T.: 3.456 min
Delta R.T.: 0.027 min
Response: 2424771
Conc: 22.01 ug/ml



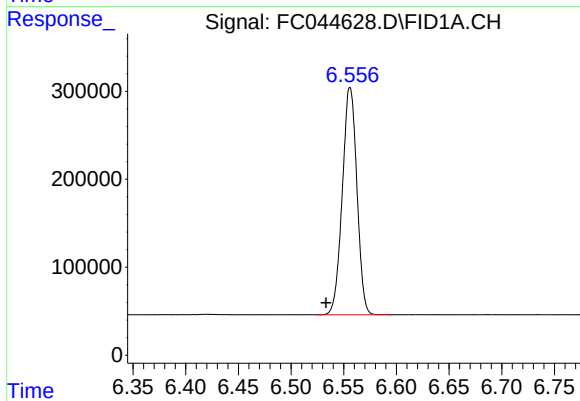
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: 0.026 min
Response: 2481009
Conc: 22.34 ug/ml



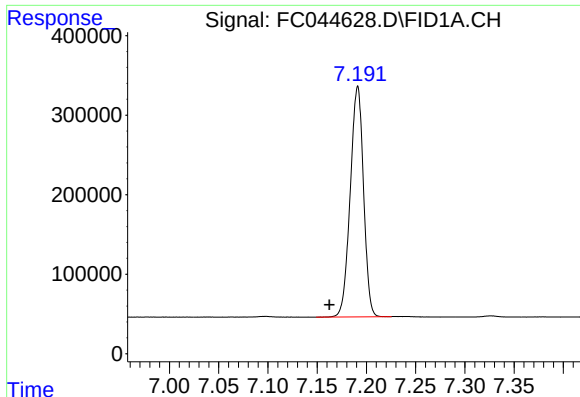
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: 0.031 min
Response: 2717348
Conc: 21.84 ug/ml



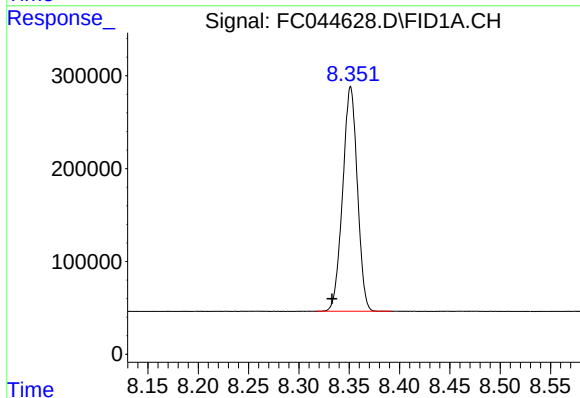
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: 0.023 min
Response: 2494041
Conc: 22.18 ug/ml



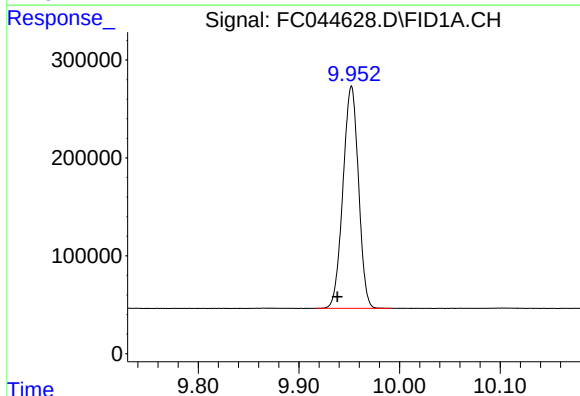
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: 0.029 min
Response: 2719413
Conc: 21.56 ug/ml



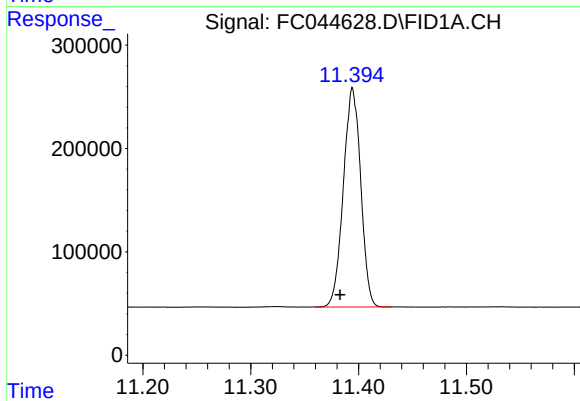
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.019 min
Response: 2464163
Conc: 21.78 ug/ml



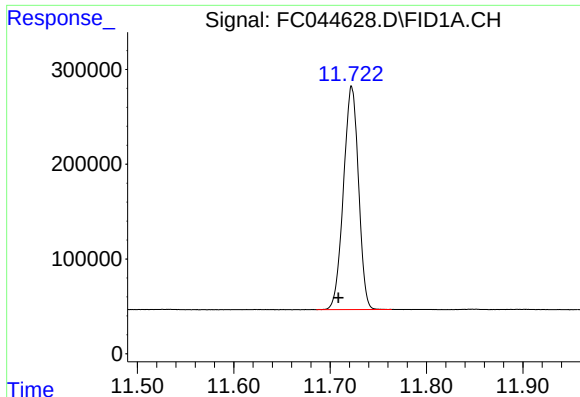
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.014 min
Response: 2433737
Conc: 21.30 ug/ml



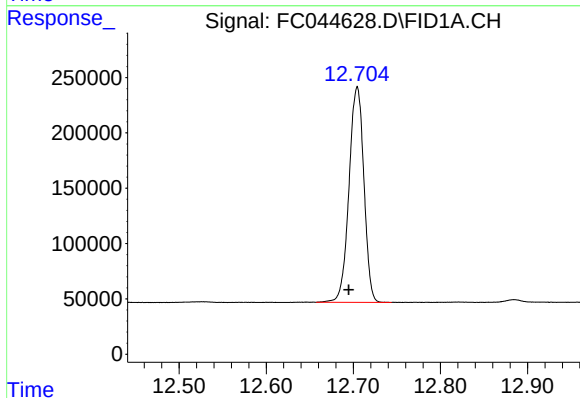
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.012 min
Response: 2371902
Conc: 20.72 ug/ml



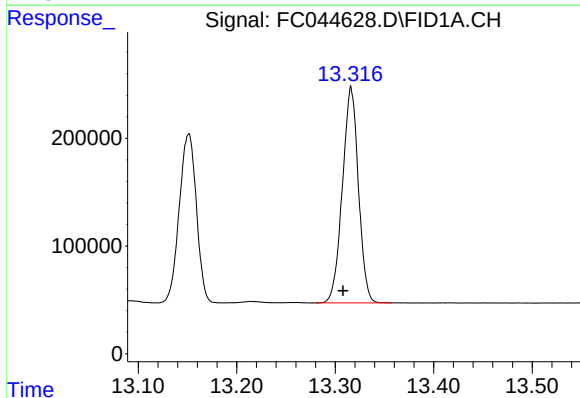
#9 ortho-Terphenyl (SURR)

R.T.: 11.722 min
Delta R.T.: 0.014 min
Response: 2544021
Conc: 17.45 ug/ml



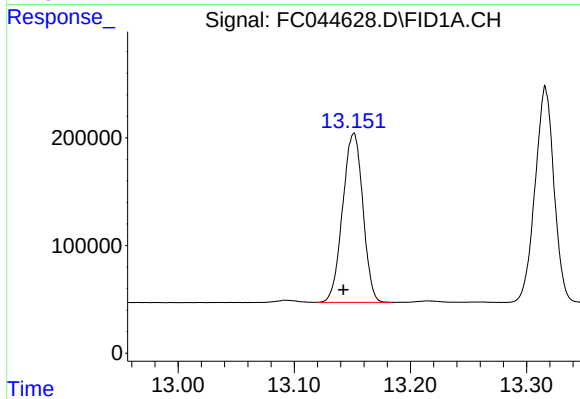
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.010 min
Response: 2310127
Conc: 20.26 ug/ml



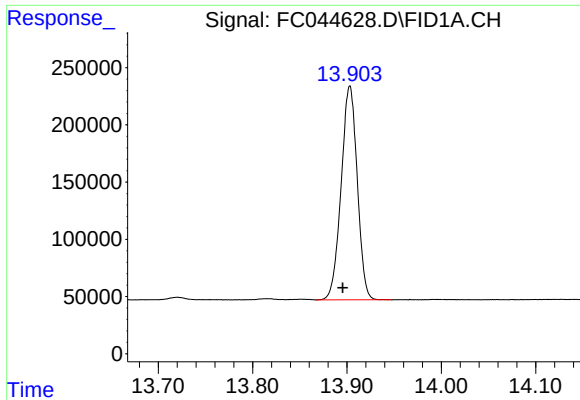
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.008 min
Response: 2266031
Conc: 19.76 ug/ml



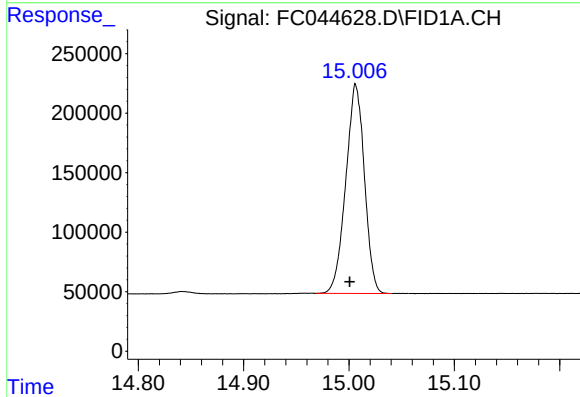
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: 0.009 min
Response: 1899147
Conc: 16.98 ug/ml



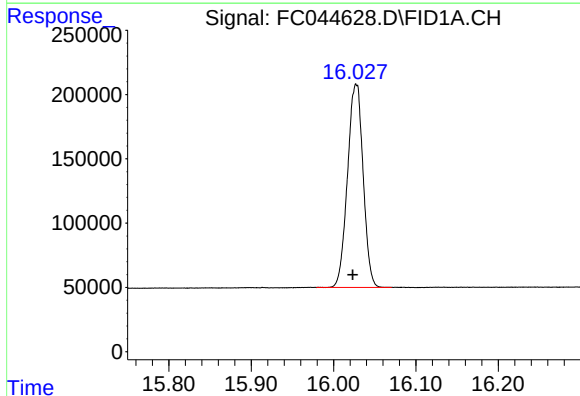
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: 0.008 min
Response: 2216194
Conc: 19.52 ug/ml



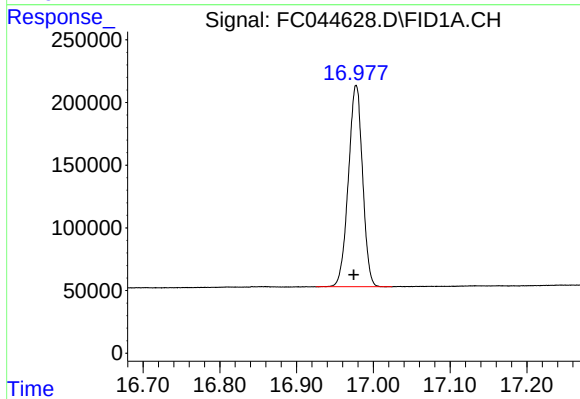
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: 0.006 min
Response: 2160881
Conc: 19.11 ug/ml



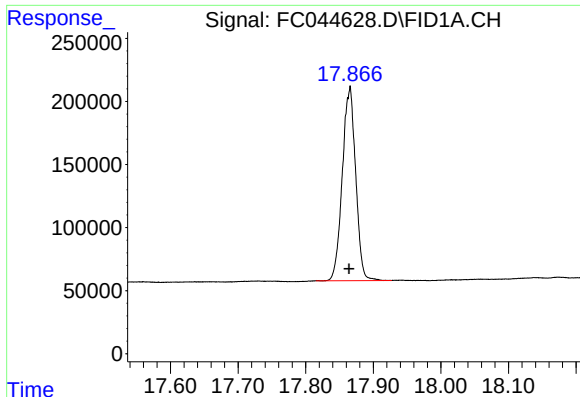
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: 0.004 min
Response: 2080864
Conc: 18.81 ug/ml



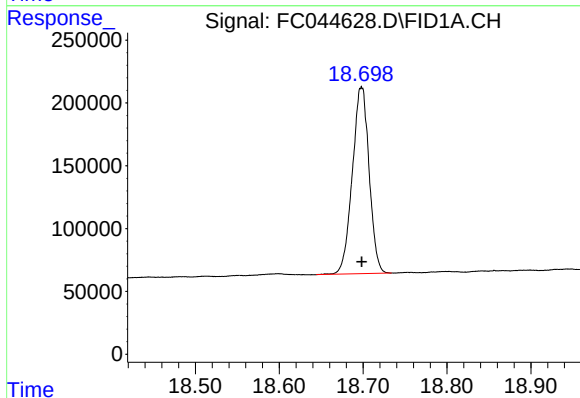
#16 n-Octacosane (C28)

R.T.: 16.978 min
Delta R.T.: 0.003 min
Response: 2065240
Conc: 19.06 ug/ml



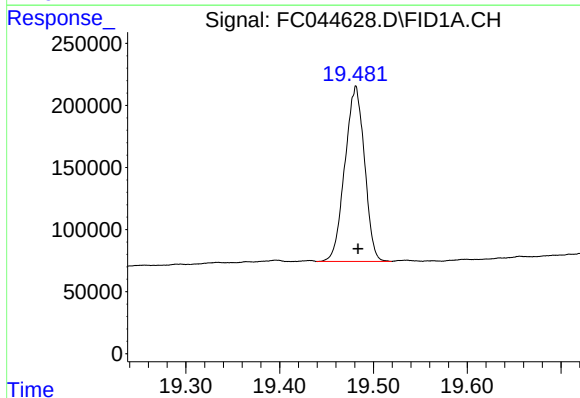
#17 n-Tricontane (C30)

R.T.: 17.865 min
Delta R.T.: 0.001 min
Response: 2103456
Conc: 19.88 ug/ml



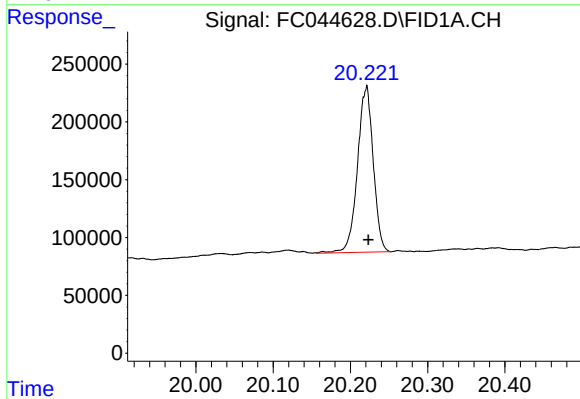
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.000 min
Response: 2063233
Conc: 20.49 ug/ml



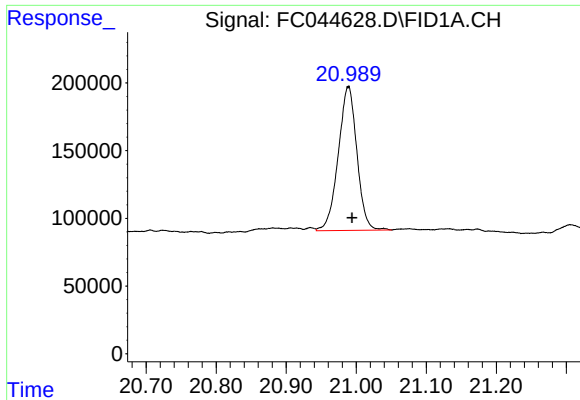
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.002 min
Response: 2045506
Conc: 21.82 ug/ml



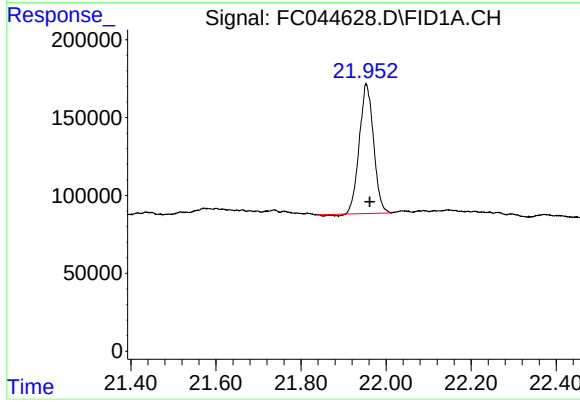
#20 n-Hexatriacontane (C36)

R.T.: 20.221 min
Delta R.T.: -0.003 min
Response: 2029714
Conc: 23.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.005 min
Response: 1961657
Conc: 24.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.009 min
Response: 1916947
Conc: 22.68 ug/ml