

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111419AL\
 Data File : FC044556.D
 Signal(s) : FID1A.CH
 Acq On : 15 Nov 2019 5:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 15 07:26:10 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)	11.715	2512871	17.240 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
12) S 1-chlorooctadecane (S...	13.144	1886681	16.873 ug/ml
Spiked Amount 50.000		Recovery =	33.75%
Target Compounds			
1) T n-Nonane (C9)	3.451	2394816	21.740 ug/ml
2) T n-Decane (C10)	4.528	2445381	22.016 ug/ml
3) T A~Naphthalene (C11.7)	6.128	2691919	21.635 ug/ml
4) T n-Dodecane (C12)	6.551	2457552	21.852 ug/ml
5) T A~2-methylnaphthalene...	7.185	2698992	21.403 ug/ml
6) T n-Tetradecane (C14)	8.346	2437536	21.545 ug/ml
7) T n-Hexadecane (C16)	9.946	2407793	21.073 ug/ml
8) T n-Octadecane (C18)	11.389	2345178	20.483 ug/ml
10) T n-Eicosane (C20)	12.697	2275315	19.951 ug/ml
11) T n-Heneicosane (C21)	13.311	2235069	19.486 ug/ml
13) T n-Docosane (C22)	13.897	2204873	19.416 ug/ml
14) T n-Tetracosane (C24)	14.999	2194612	19.407 ug/ml
15) T n-Hexacosane (C26)	16.021	2143613	19.375 ug/ml
16) T n-Octacosane (C28)	16.972	2170968	20.041 ug/ml
17) T n-Tricontane (C30)	17.858	2177371	20.573 ug/ml
18) T n-Dotriacontane (C32)	18.690	2121708	21.067 ug/ml
19) T n-Tetratriacontane (C34)	19.475	2056736	21.935 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1983840	22.853 ug/ml
21) T n-Octatriacontane (C38)	20.981	1895587	23.507 ug/ml
22) T n-Tetracontane (C40)	21.946	1919940	22.714 ug/ml

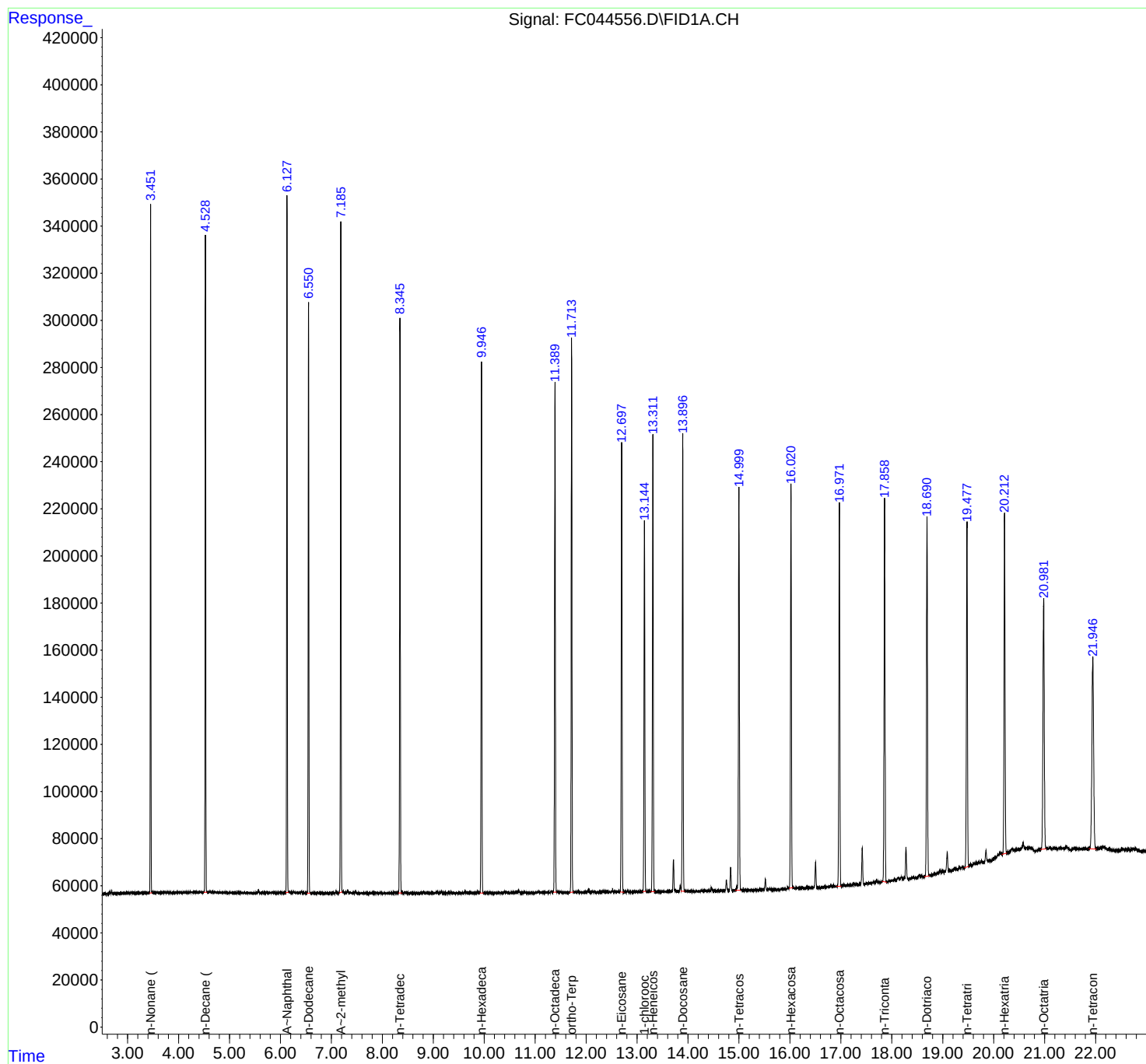
(f)=RT Delta > 1/2 Window

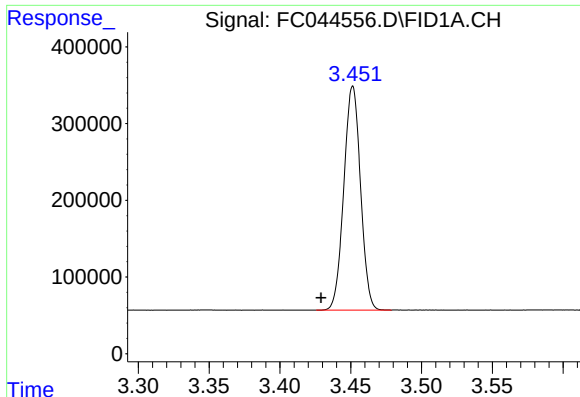
(m)=manual int.

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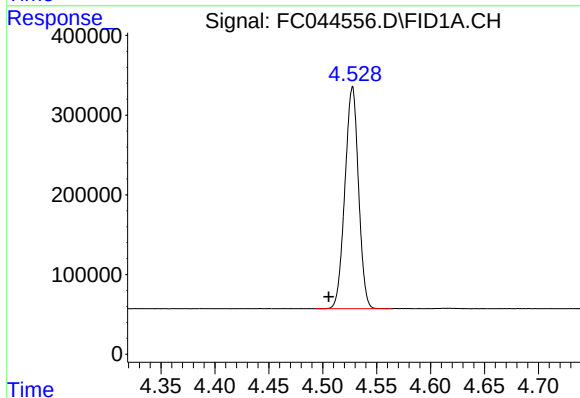
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





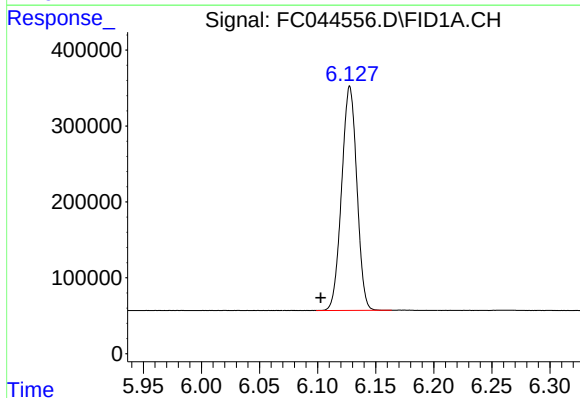
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.022 min
Response: 2394816
Conc: 21.74 ug/ml



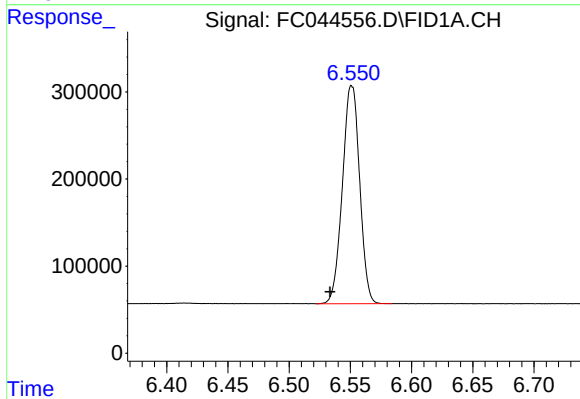
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.022 min
Response: 2445381
Conc: 22.02 ug/ml



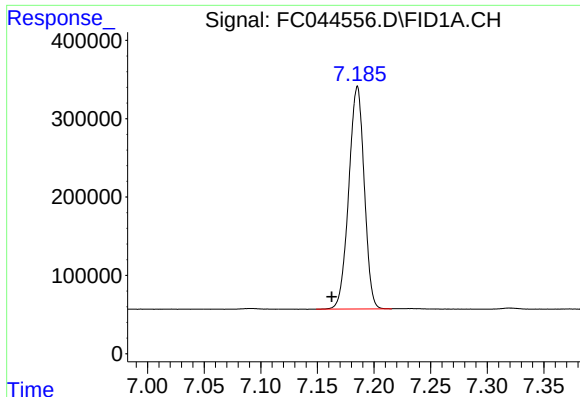
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.025 min
Response: 2691919
Conc: 21.64 ug/ml



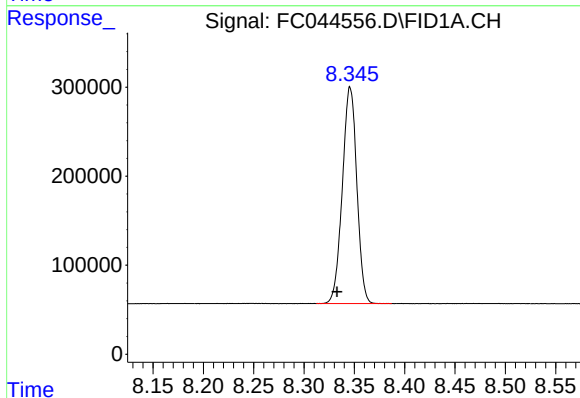
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2457552
Conc: 21.85 ug/ml



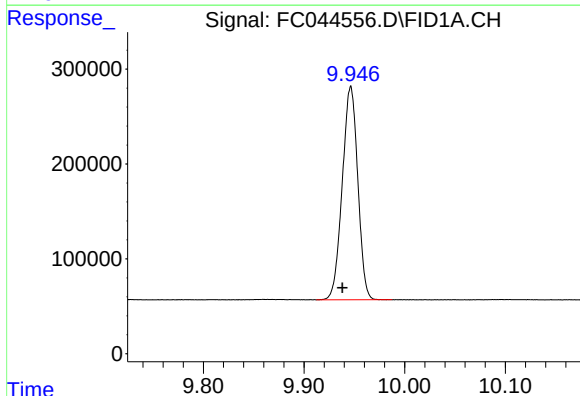
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 2698992
Conc: 21.40 ug/ml



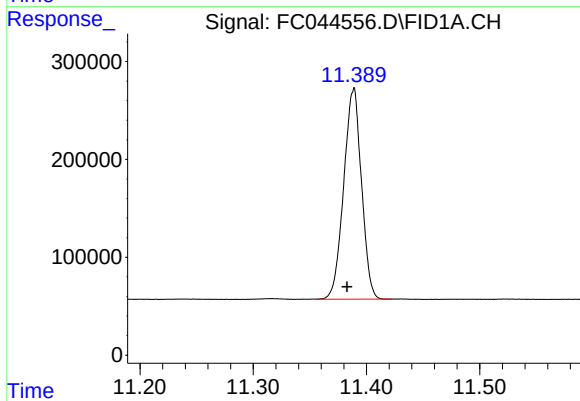
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: 0.013 min
Response: 2437536
Conc: 21.55 ug/ml



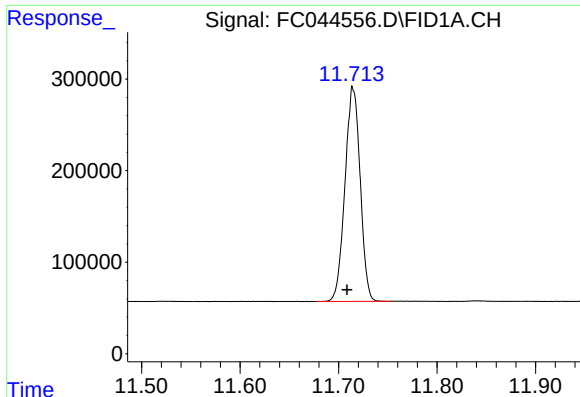
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.008 min
Response: 2407793
Conc: 21.07 ug/ml



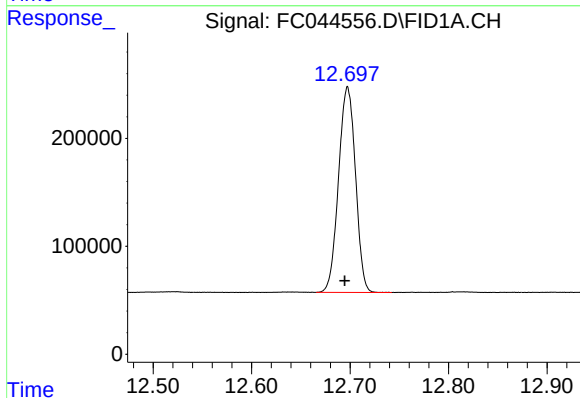
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2345178
Conc: 20.48 ug/ml



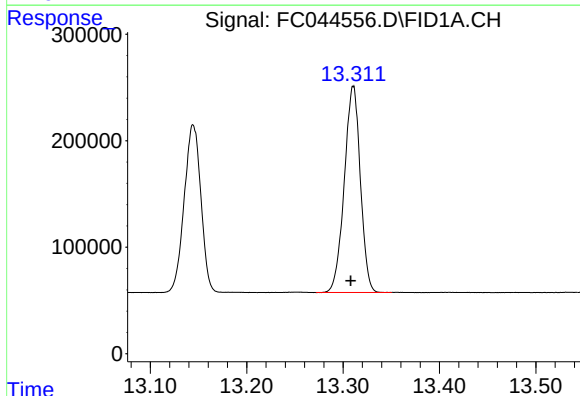
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min
Delta R.T.: 0.006 min
Response: 2512871
Conc: 17.24 ug/ml



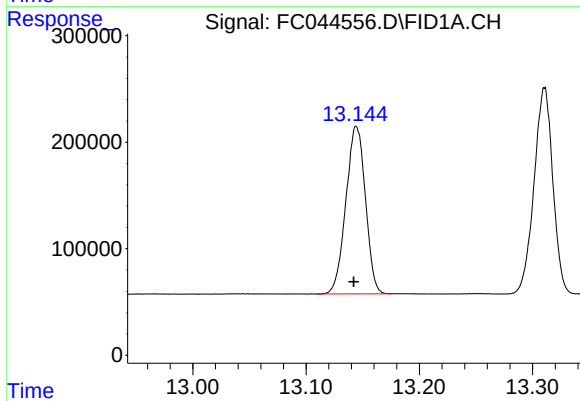
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.003 min
Response: 2275315
Conc: 19.95 ug/ml



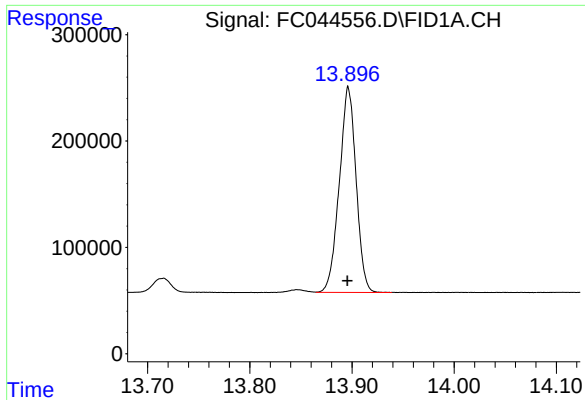
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: 0.003 min
Response: 2235069
Conc: 19.49 ug/ml



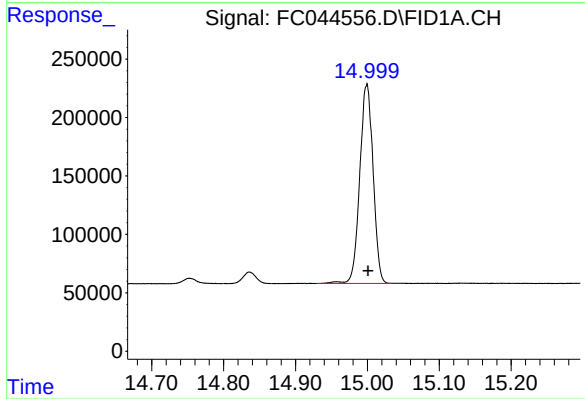
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: 0.002 min
Response: 1886681
Conc: 16.87 ug/ml



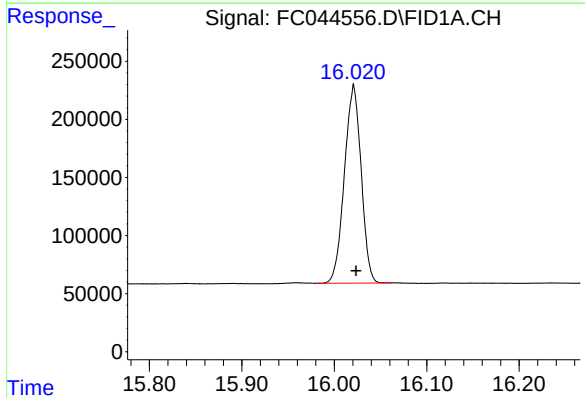
#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: 0.001 min
Response: 2204873
Conc: 19.42 ug/ml



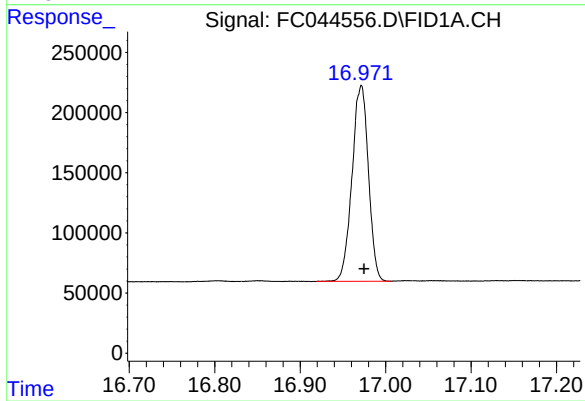
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.002 min
Response: 2194612
Conc: 19.41 ug/ml



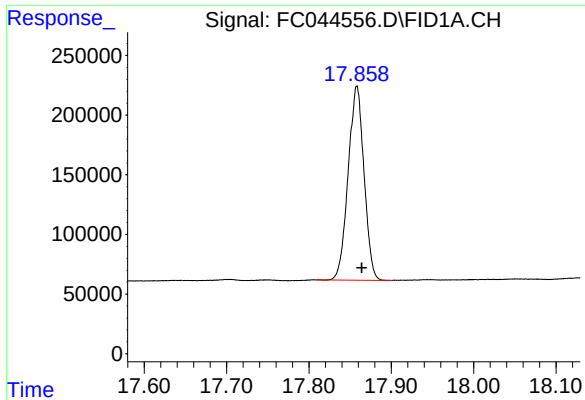
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.002 min
Response: 2143613
Conc: 19.37 ug/ml



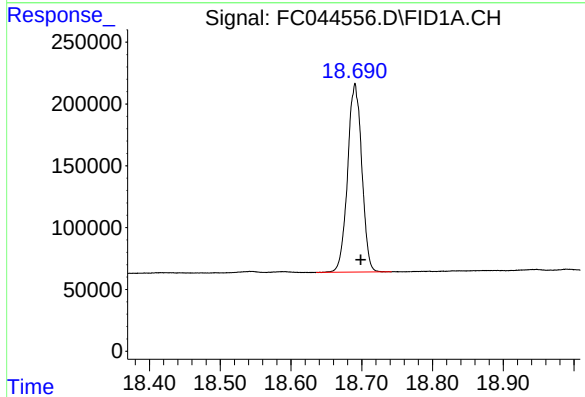
#16 n-Octacosane (C28)

R.T.: 16.972 min
Delta R.T.: -0.003 min
Response: 2170968
Conc: 20.04 ug/ml



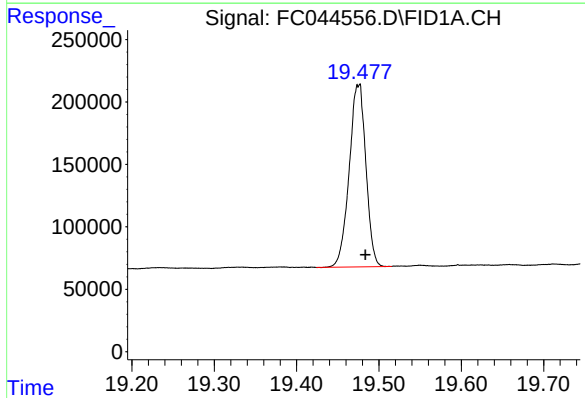
#17 n-Tricontane (C30)

R.T.: 17.858 min
Delta R.T.: -0.006 min
Response: 2177371
Conc: 20.57 ug/ml



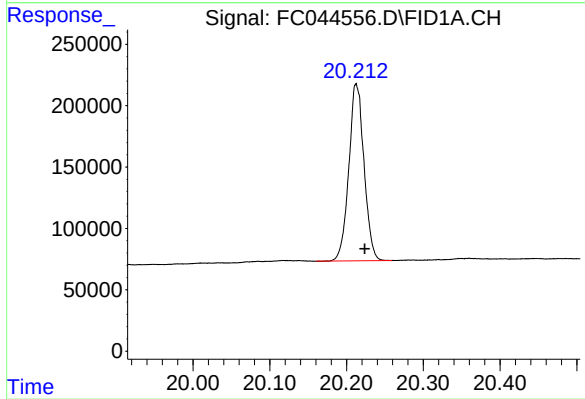
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: -0.008 min
Response: 2121708
Conc: 21.07 ug/ml



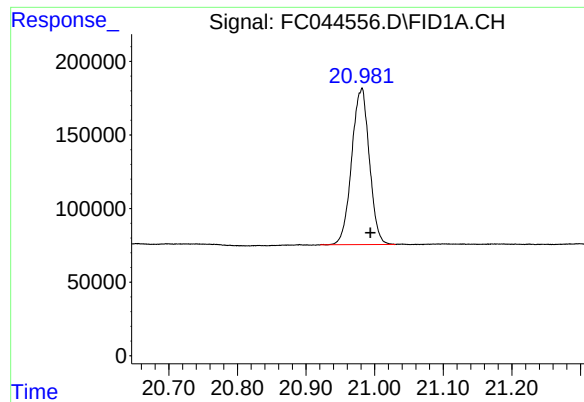
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.008 min
Response: 2056736
Conc: 21.93 ug/ml



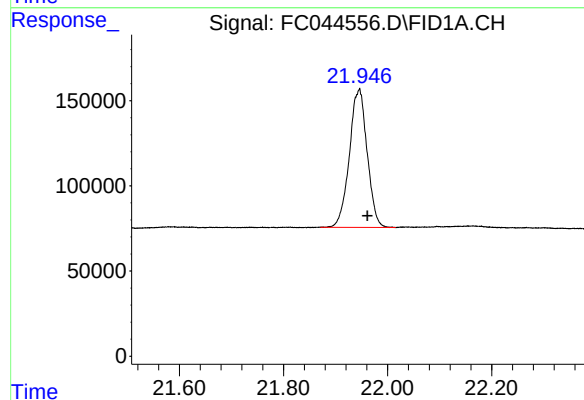
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min
Delta R.T.: -0.011 min
Response: 1983840
Conc: 22.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: -0.012 min
Response: 1895587
Conc: 23.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: -0.016 min
Response: 1919940
Conc: 22.71 ug/ml