

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040121AL\
 Data File : FC052890.D
 Signal(s) : FID1A.CH
 Acq On : 01 Apr 2021 11:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 02:13:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.561	2299533	17.155 ug/ml
Spiked Amount 50.000		Recovery =	34.31%
12) S 1-chlorooctadecane (S...	12.998	1781776	16.520 ug/ml
Spiked Amount 50.000		Recovery =	33.04%
Target Compounds			
1) T n-Nonane (C9)	3.318	2320670	19.980 ug/ml
2) T n-Decane (C10)	4.384	2338221	19.953 ug/ml
3) T A~Naphthalene (C11.7)	5.970	2571526	19.641 ug/ml
4) T n-Dodecane (C12)	6.404	2376412	19.793 ug/ml
5) T A~2-methylnaphthalene...	7.027	2599529	19.420 ug/ml
6) T n-Tetradecane (C14)	8.201	2343802	19.379 ug/ml
7) T n-Hexadecane (C16)	9.802	2253259	18.735 ug/ml
8) T n-Octadecane (C18)	11.245	2265668	17.957 ug/ml
10) T n-Eicosane (C20)	12.554	2164159	16.948 ug/ml
11) T n-Heneicosane (C21)	13.166	2096453	16.494 ug/ml
13) T n-Docosane (C22)	13.752	2044842	16.142 ug/ml
14) T n-Tetracosane (C24)	14.855	1935872	15.497 ug/ml
15) T n-Hexacosane (C26)	15.876	1838981	15.272 ug/ml
16) T n-Octacosane (C28)	16.825	1797321	15.589 ug/ml
17) T n-Tricontane (C30)	17.712	1780098	16.339 ug/ml
18) T n-Dotriacontane (C32)	18.545	1764087	17.581 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1773115	19.290 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1751311	19.206 ug/ml
21) T n-Octatriacontane (C38)	20.799	1697836	20.803 ug/ml
22) T n-Tetracontane (C40)	21.702	1757779	20.406 ug/ml

(f)=RT Delta > 1/2 Window

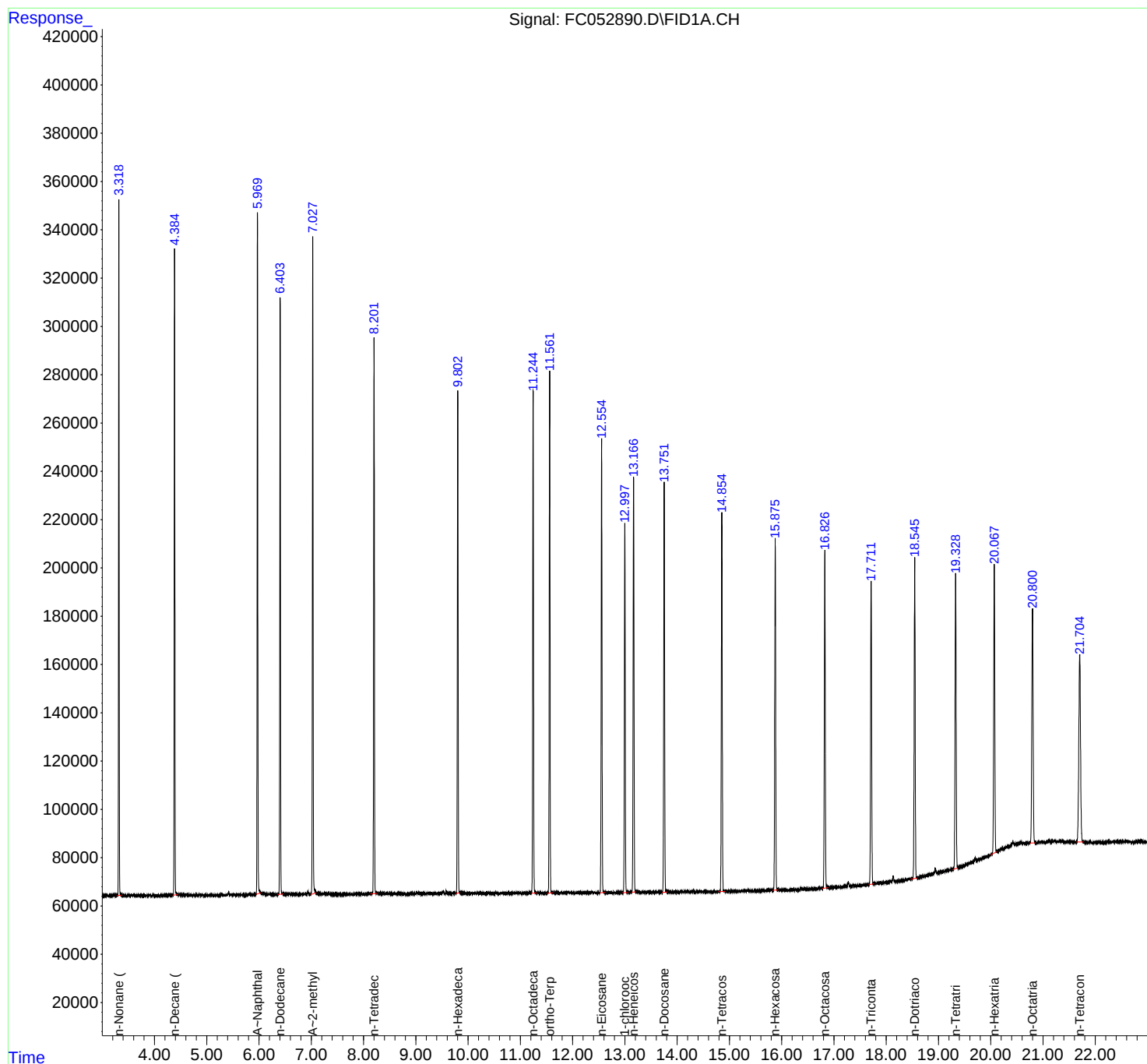
(m)=manual int.

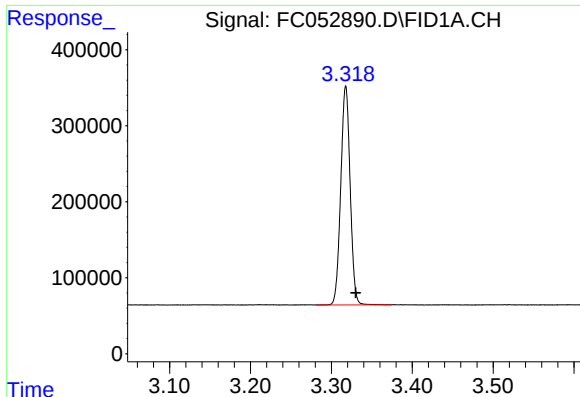
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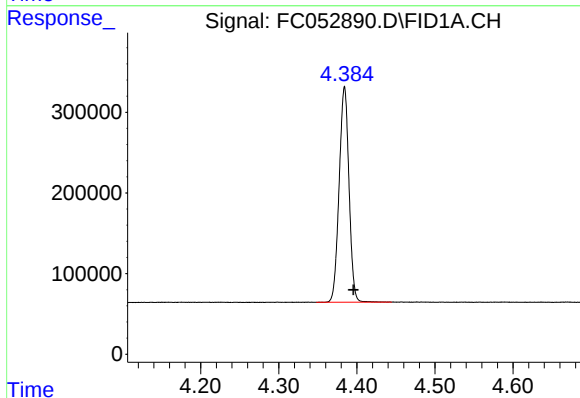




#1 n-Nonane (C9)

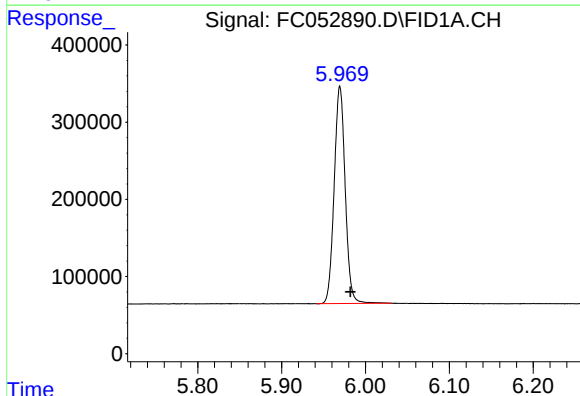
R.T.: 3.318 min
Delta R.T.: -0.012 min
Response: 2320670
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :



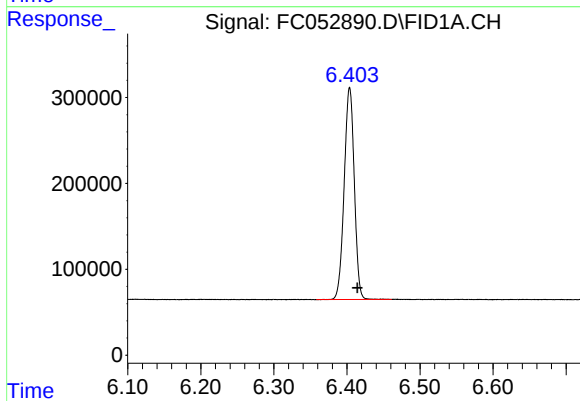
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: -0.012 min
Response: 2338221
Conc: 19.95 ug/ml



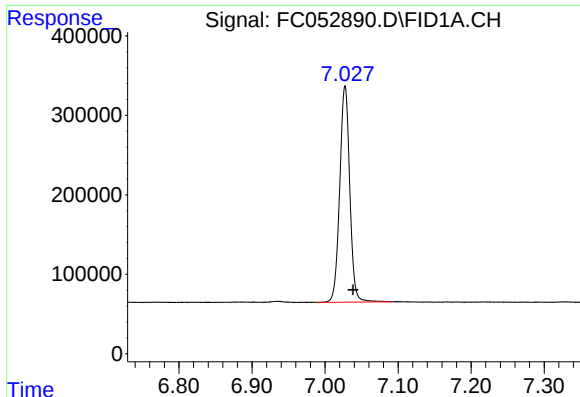
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.012 min
Response: 2571526
Conc: 19.64 ug/ml



#4 n-Dodecane (C12)

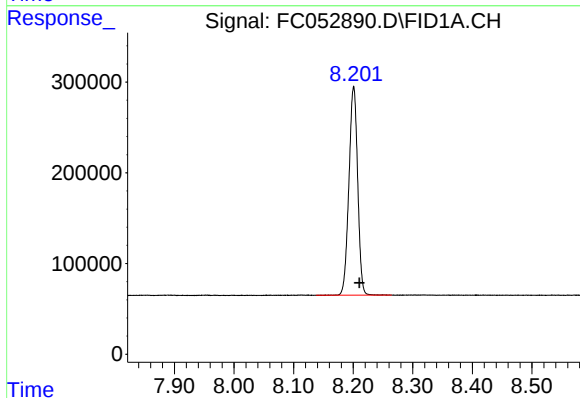
R.T.: 6.404 min
Delta R.T.: -0.011 min
Response: 2376412
Conc: 19.79 ug/ml



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

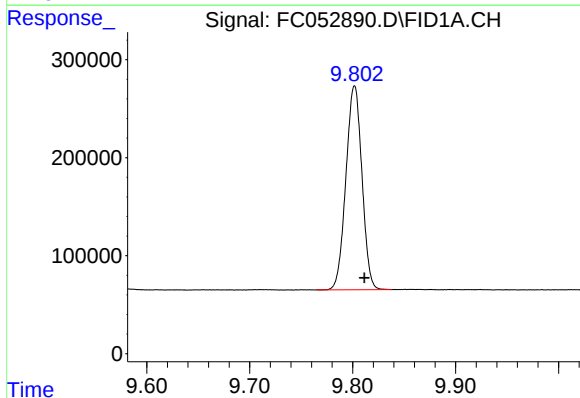
R.T.: 7.027 min
Delta R.T.: -0.011 min
Response: 2599529
Conc: 19.42 ug/ml

Instrument :
FID_C
ClientSampleId :



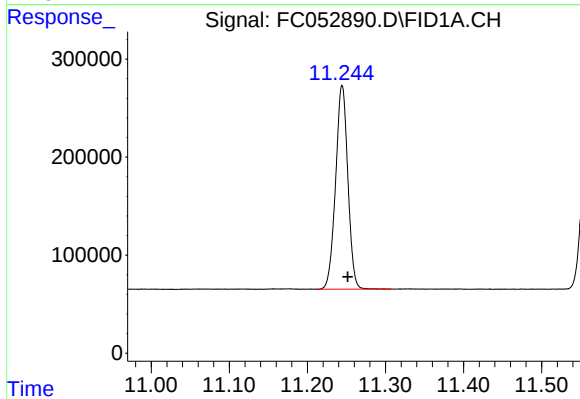
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.010 min
Response: 2343802
Conc: 19.38 ug/ml



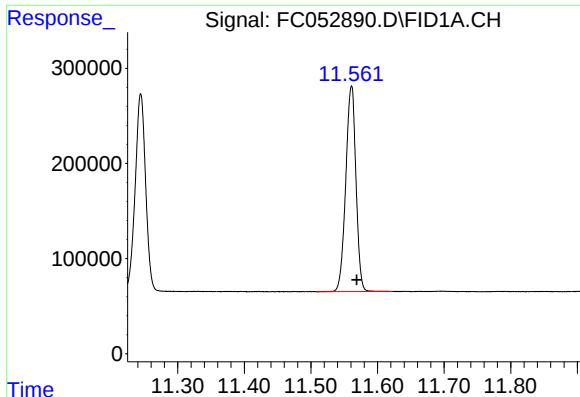
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.010 min
Response: 2253259
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

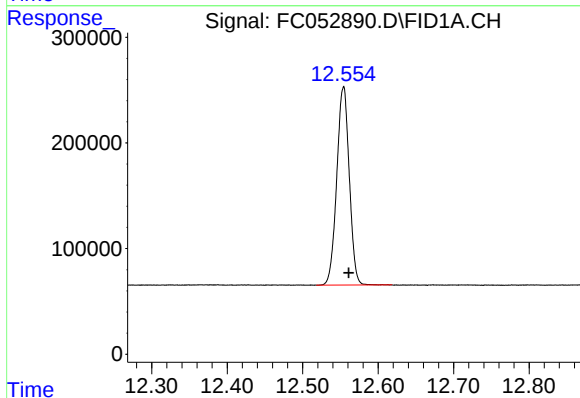
R.T.: 11.245 min
Delta R.T.: -0.007 min
Response: 2265668
Conc: 17.96 ug/ml



#9 ortho-Terphenyl (SURR)

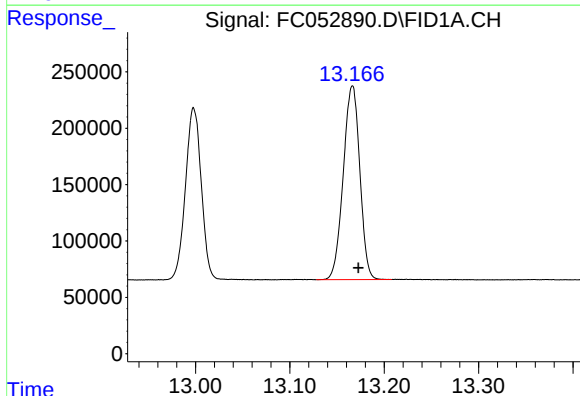
R.T.: 11.561 min
Delta R.T.: -0.008 min
Response: 2299533
Conc: 17.16 ug/ml

Instrument :
FID_C
ClientSampleId :



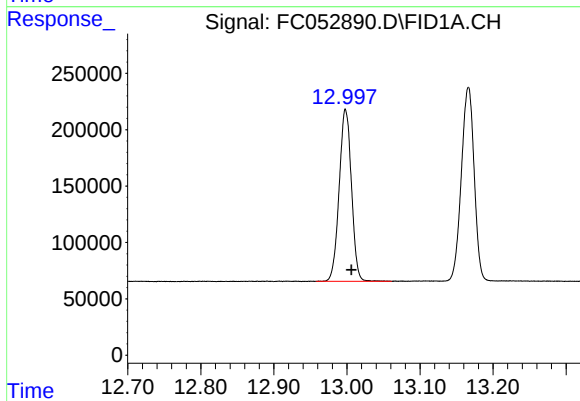
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2164159
Conc: 16.95 ug/ml



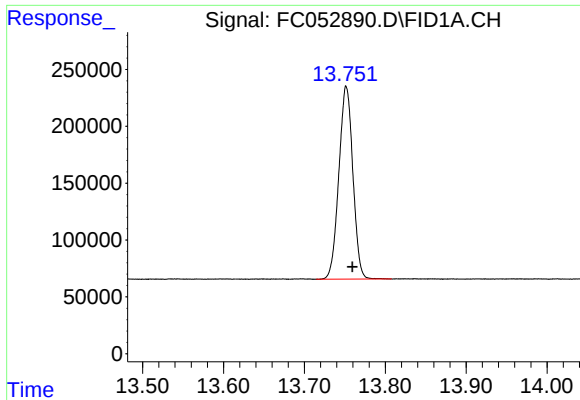
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.007 min
Response: 2096453
Conc: 16.49 ug/ml



#12 1-chlorooctadecane (SURR)

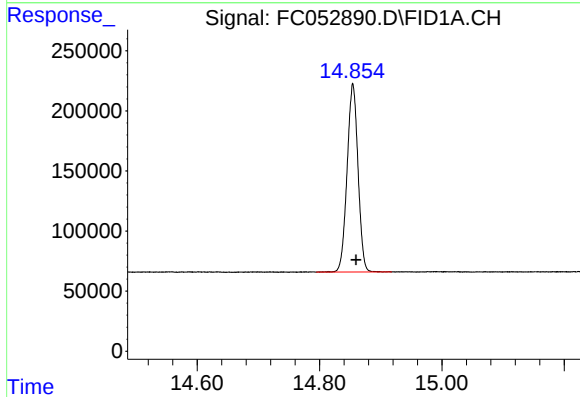
R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 1781776
Conc: 16.52 ug/ml



#13 n-Docosane (C22)

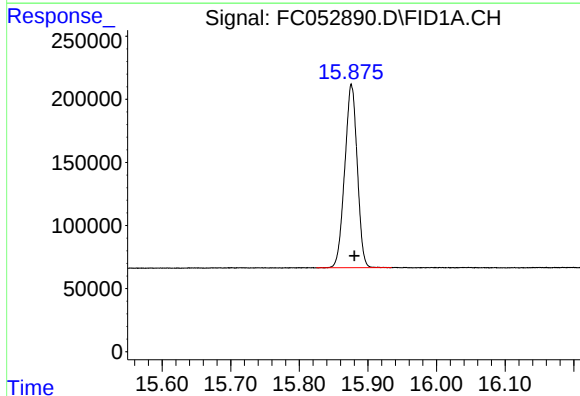
R.T.: 13.752 min
Delta R.T.: -0.007 min
Response: 2044842
Conc: 16.14 ug/ml

Instrument :
FID_C
ClientSampleId :



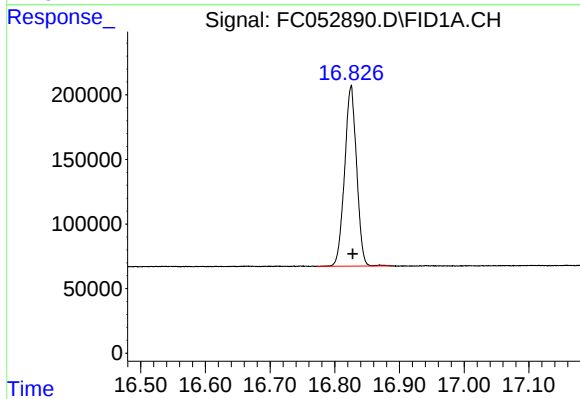
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 1935872
Conc: 15.50 ug/ml



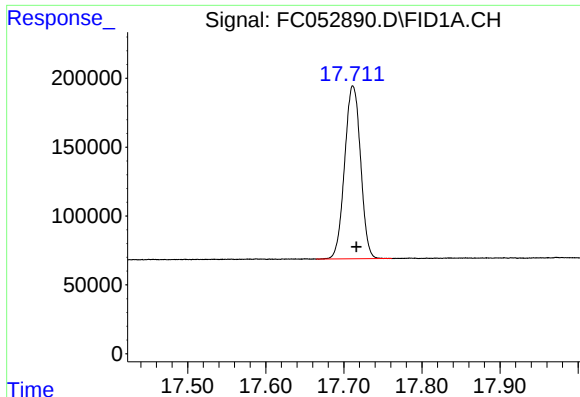
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.004 min
Response: 1838981
Conc: 15.27 ug/ml



#16 n-Octacosane (C28)

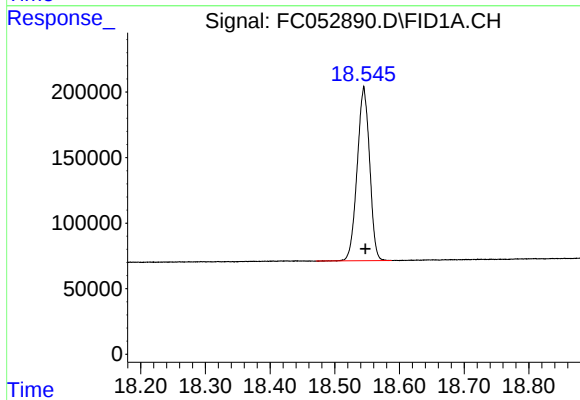
R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 1797321
Conc: 15.59 ug/ml



#17 n-Tricontane (C30)

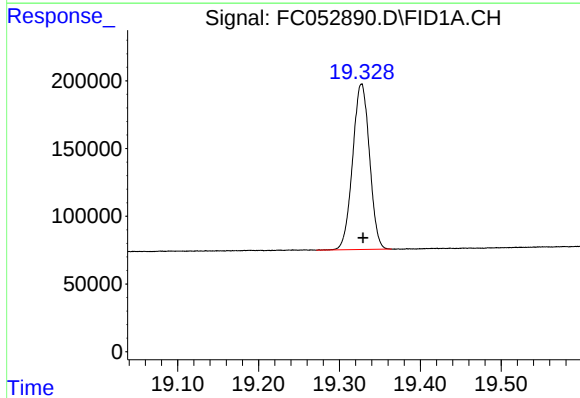
R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 1780098
Conc: 16.34 ug/ml

Instrument :
FID_C
ClientSampleId :



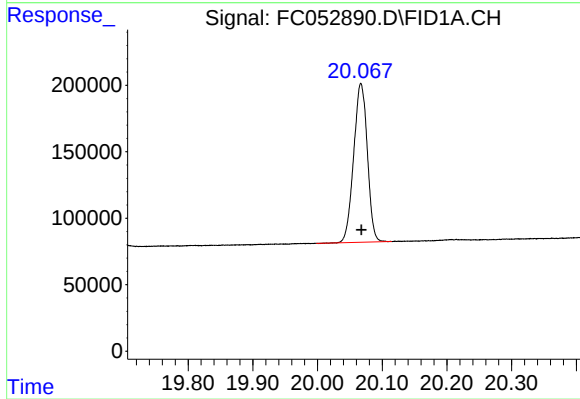
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 1764087
Conc: 17.58 ug/ml



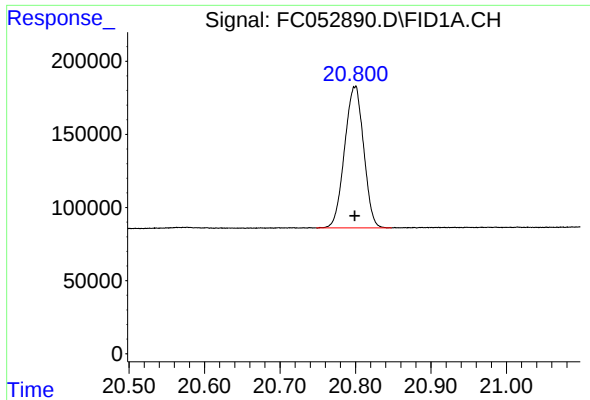
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1773115
Conc: 19.29 ug/ml



#20 n-Hexatriacontane (C36)

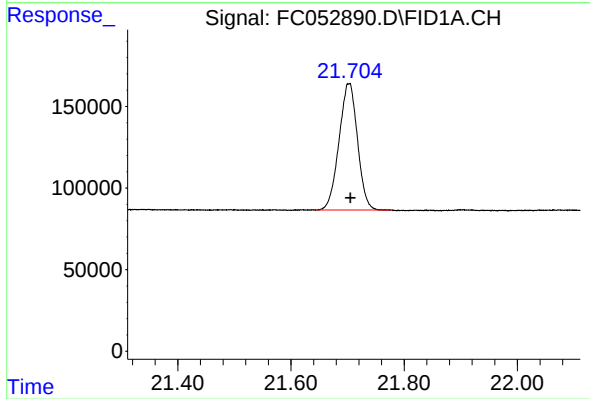
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 1751311
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1697836
Conc: 20.80 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.003 min
Response: 1757779
Conc: 20.41 ug/ml