

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032421AL\
 Data File : FC052686.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2021 16:16
 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: Mar 25 01:23:55 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)	11.570	2379636	17.753 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
12) S 1-chlorooctadecane (S...	13.008	1845839	17.113 ug/ml
Spiked Amount 50.000		Recovery =	34.23%
Target Compounds			
1) T n-Nonane (C9)	3.326	2324344	20.012 ug/ml
2) T n-Decane (C10)	4.392	2349793	20.052 ug/ml
3) T A~Naphthalene (C11.7)	5.980	2601734	19.872 ug/ml
4) T n-Dodecane (C12)	6.412	2405654	20.036 ug/ml
5) T A~2-methylnaphthalene...	7.038	2646011	19.767 ug/ml
6) T n-Tetradecane (C14)	8.210	2388363	19.747 ug/ml
7) T n-Hexadecane (C16)	9.811	2308467	19.194 ug/ml
8) T n-Octadecane (C18)	11.254	2322584	18.408 ug/ml
10) T n-Eicosane (C20)	12.563	2240406	17.545 ug/ml
11) T n-Heneicosane (C21)	13.175	2176146	17.121 ug/ml
13) T n-Docosane (C22)	13.761	2116943	16.711 ug/ml
14) T n-Tetracosane (C24)	14.864	2004225	16.044 ug/ml
15) T n-Hexacosane (C26)	15.885	1888208	15.681 ug/ml
16) T n-Octacosane (C28)	16.833	1825398	15.833 ug/ml
17) T n-Tricontane (C30)	17.720	1798897	16.511 ug/ml
18) T n-Dotriacontane (C32)	18.552	1765709	17.597 ug/ml
19) T n-Tetratriacontane (C34)	19.334	1790064	19.474 ug/ml
20) T n-Hexatriacontane (C36)	20.073	1783992	19.564 ug/ml
21) T n-Octatriacontane (C38)	20.808	1802112	22.081 ug/ml
22) T n-Tetracontane (C40)	21.712	1982447	23.014 ug/ml

(f)=RT Delta > 1/2 Window

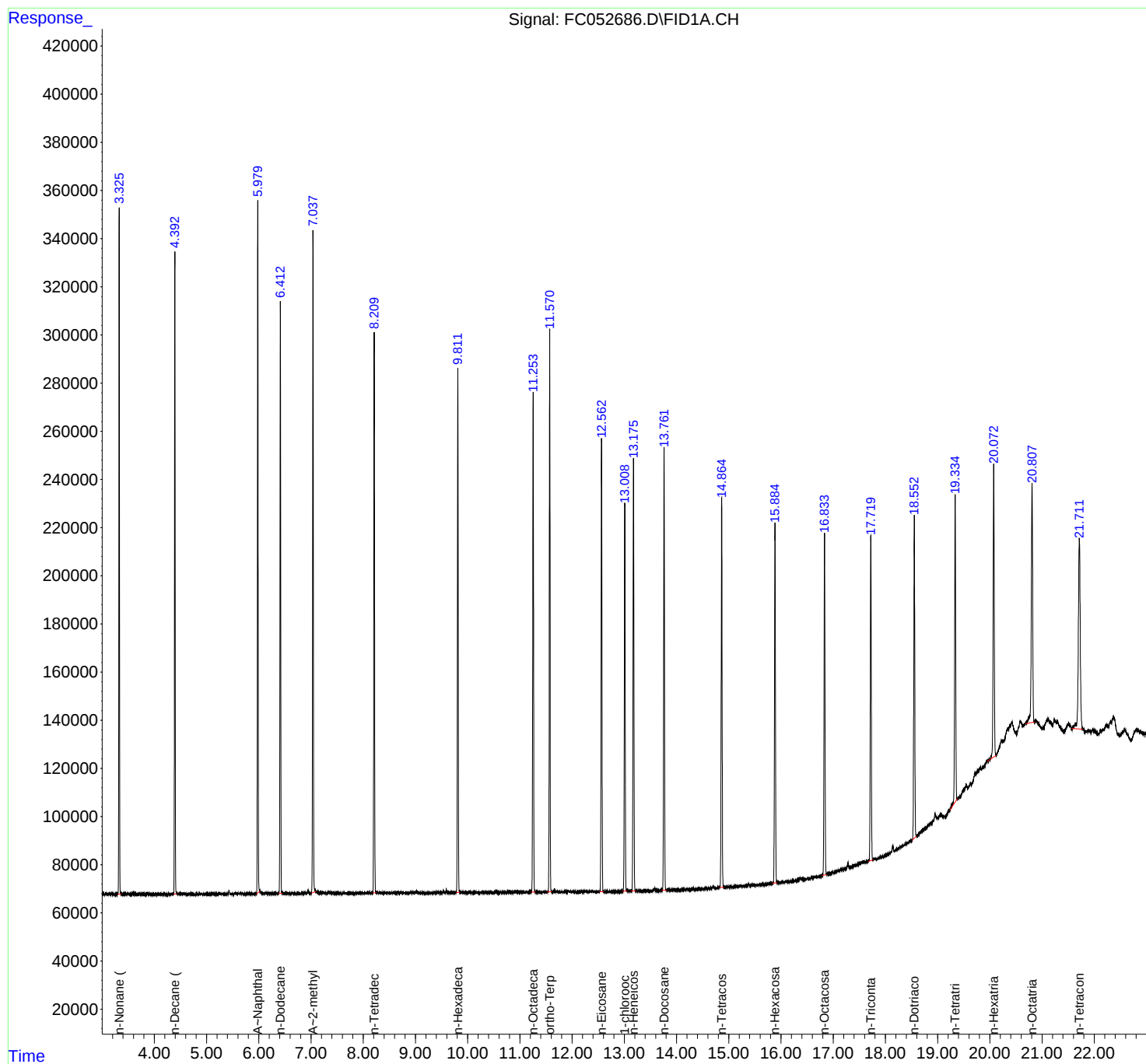
(m)=manual int.

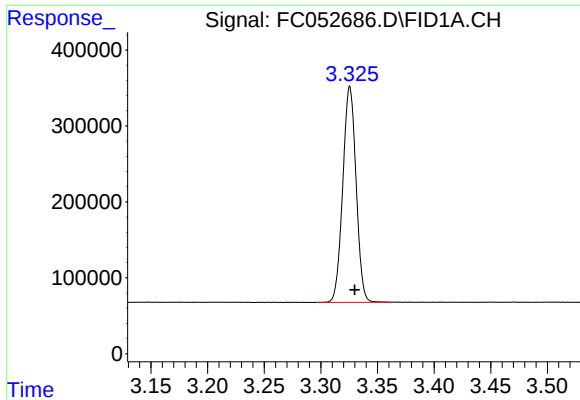
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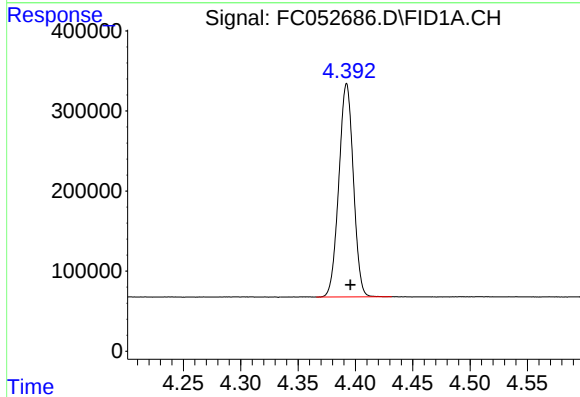




#1 n-Nonane (C9)

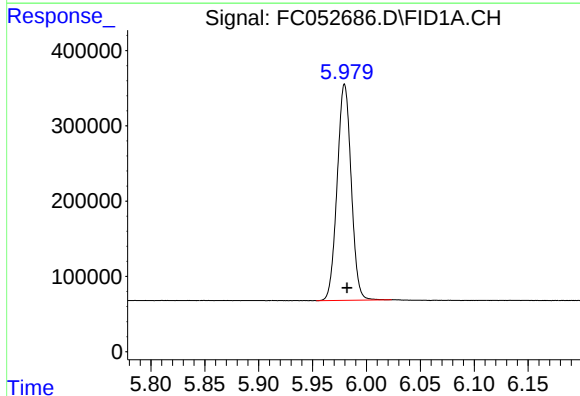
R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 2324344
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :



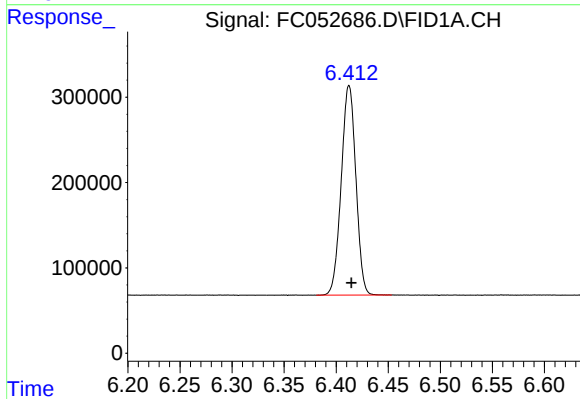
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.003 min
Response: 2349793
Conc: 20.05 ug/ml



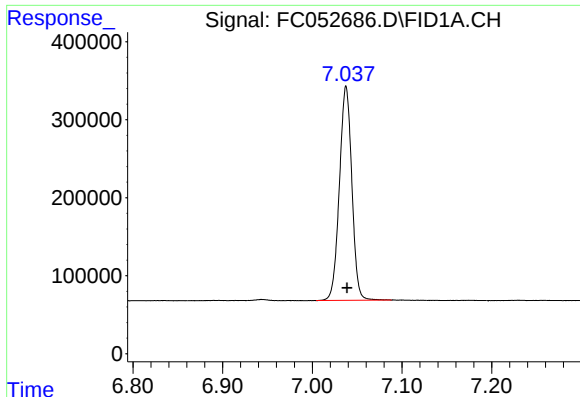
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 2601734
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

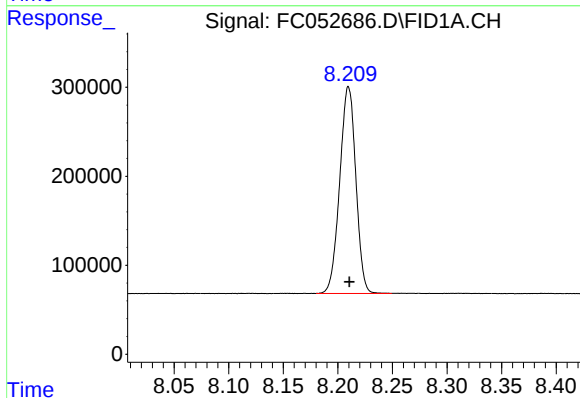
R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 2405654
Conc: 20.04 ug/ml



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

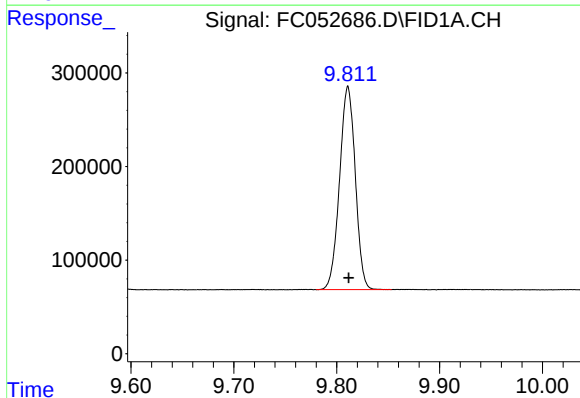
R.T.: 7.038 min
Delta R.T.: -0.001 min
Response: 2646011
Conc: 19.77 ug/ml

Instrument :
FID_C
ClientSampleId :



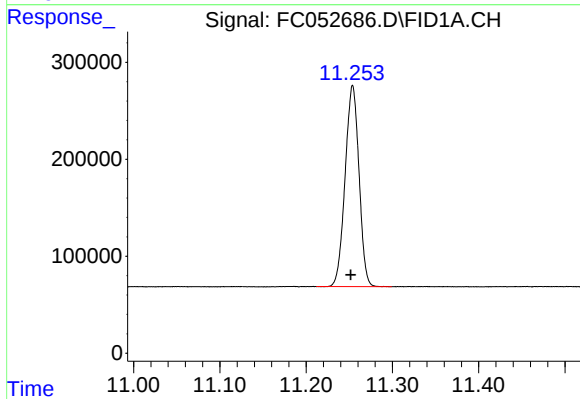
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2388363
Conc: 19.75 ug/ml



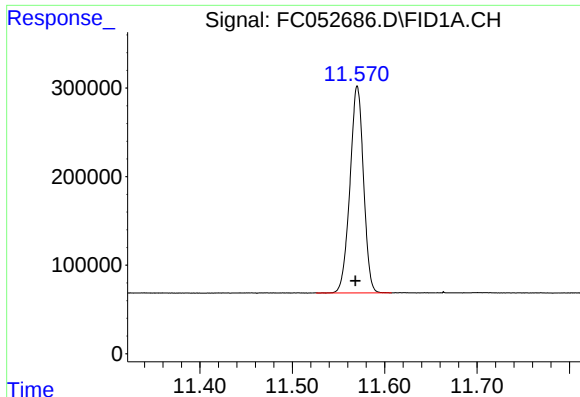
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.000 min
Response: 2308467
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

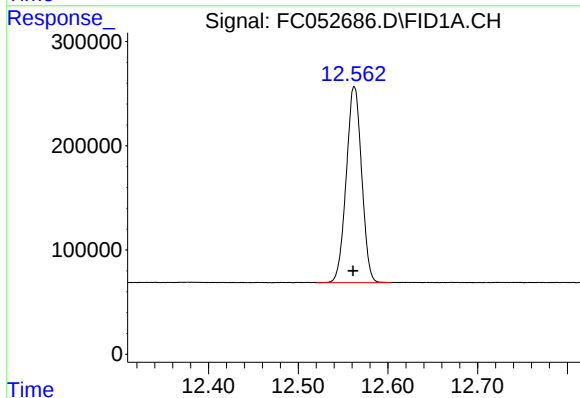
R.T.: 11.254 min
Delta R.T.: 0.002 min
Response: 2322584
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

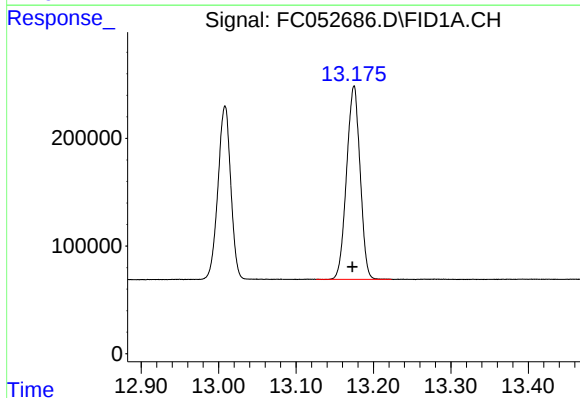
R.T.: 11.570 min
Delta R.T.: 0.002 min
Response: 2379636
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :



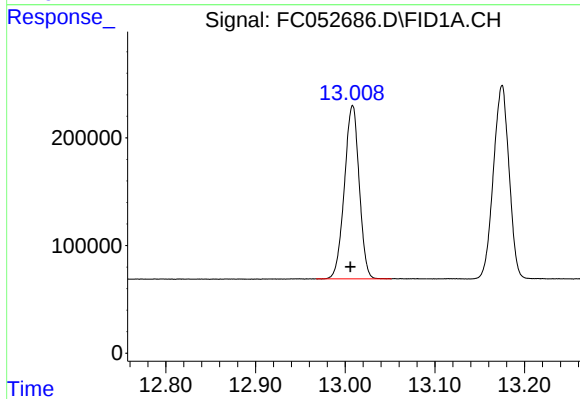
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: 0.001 min
Response: 2240406
Conc: 17.55 ug/ml



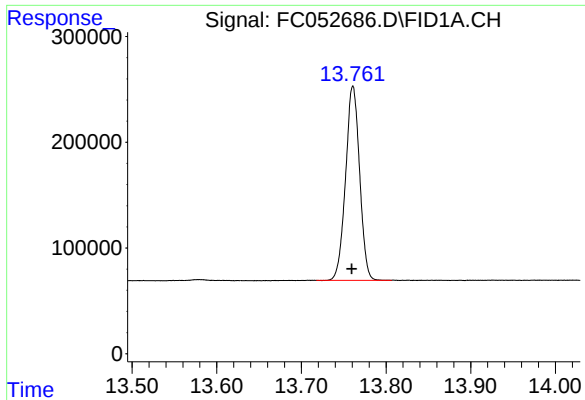
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: 0.002 min
Response: 2176146
Conc: 17.12 ug/ml



#12 1-chlorooctadecane (SURR)

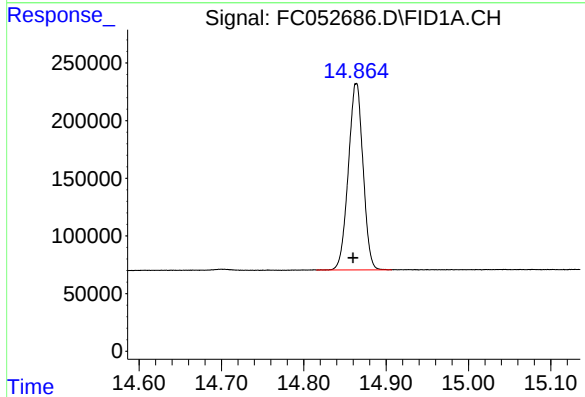
R.T.: 13.008 min
Delta R.T.: 0.002 min
Response: 1845839
Conc: 17.11 ug/ml



#13 n-Docosane (C22)

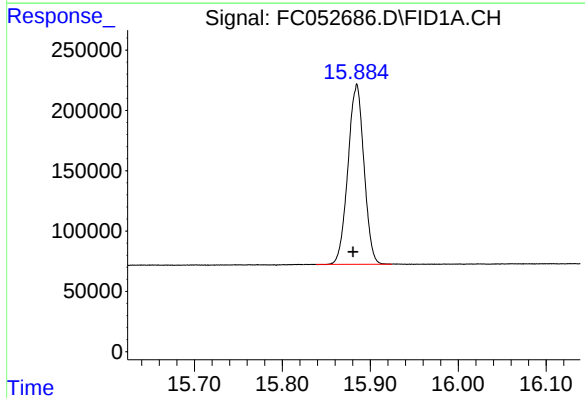
R.T.: 13.761 min
Delta R.T.: 0.002 min
Response: 2116943
Conc: 16.71 ug/ml

Instrument :
FID_C
ClientSampleId :



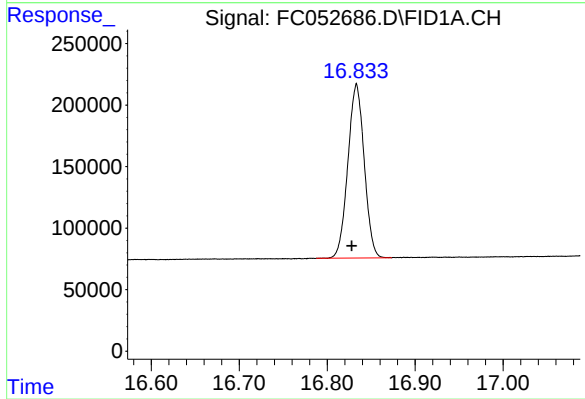
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: 0.004 min
Response: 2004225
Conc: 16.04 ug/ml



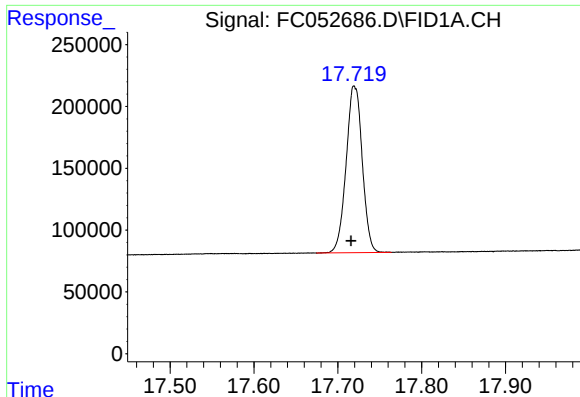
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 1888208
Conc: 15.68 ug/ml



#16 n-Octacosane (C28)

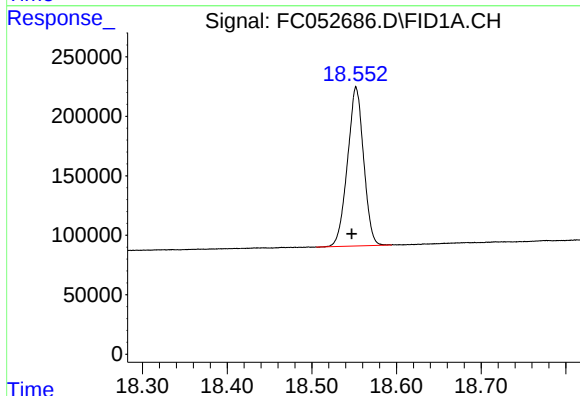
R.T.: 16.833 min
Delta R.T.: 0.006 min
Response: 1825398
Conc: 15.83 ug/ml



#17 n-Tricontane (C30)

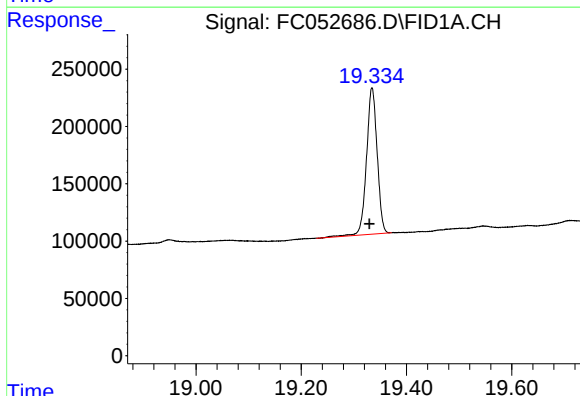
R.T.: 17.720 min
Delta R.T.: 0.004 min
Response: 1798897
Conc: 16.51 ug/ml

Instrument :
FID_C
ClientSampleId :



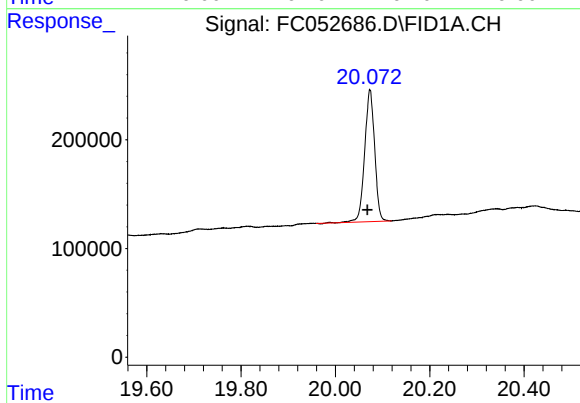
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.005 min
Response: 1765709
Conc: 17.60 ug/ml



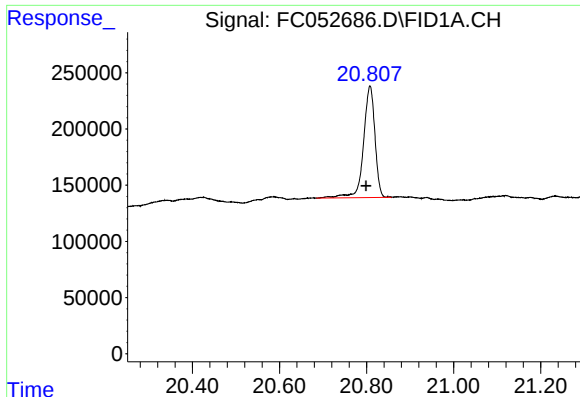
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.005 min
Response: 1790064
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

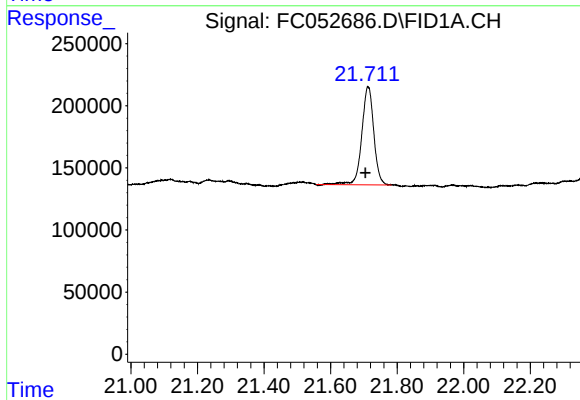
R.T.: 20.073 min
Delta R.T.: 0.006 min
Response: 1783992
Conc: 19.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.009 min
Response: 1802112
Conc: 22.08 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: 0.007 min
Response: 1982447
Conc: 23.01 ug/ml