

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032321AL\
 Data File : FC052670.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2021 5:52
 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 24 08:26:59 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)	11.562	2750613	20.521 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	13.000	2151972	19.952 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T n-Nonane (C9)	3.324	2546373	21.923 ug/ml
2) T n-Decane (C10)	4.389	2586860	22.075 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2887306	22.053 ug/ml
4) T n-Dodecane (C12)	6.408	2657223	22.131 ug/ml
5) T A~2-methylnaphthalene...	7.031	2941530	21.975 ug/ml
6) T n-Tetradecane (C14)	8.204	2664429	22.030 ug/ml
7) T n-Hexadecane (C16)	9.805	2600895	21.625 ug/ml
8) T n-Octadecane (C18)	11.246	2655520	21.047 ug/ml
10) T n-Eicosane (C20)	12.555	2589238	20.277 ug/ml
11) T n-Heneicosane (C21)	13.166	2528566	19.893 ug/ml
13) T n-Docosane (C22)	13.753	2491646	19.669 ug/ml
14) T n-Tetracosane (C24)	14.855	2352402	18.831 ug/ml
15) T n-Hexacosane (C26)	15.875	2215965	18.403 ug/ml
16) T n-Octacosane (C28)	16.825	2113504	18.331 ug/ml
17) T n-Tricontane (C30)	17.712	2063285	18.938 ug/ml
18) T n-Dotriacontane (C32)	18.541	2013534	20.067 ug/ml
19) T n-Tetratriacontane (C34)	19.325	1964429	21.371 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1910370	20.950 ug/ml
21) T n-Octatriacontane (C38)	20.795	1859506	22.784 ug/ml
22) T n-Tetracontane (C40)	21.698	1928179	22.384 ug/ml

(f)=RT Delta > 1/2 Window

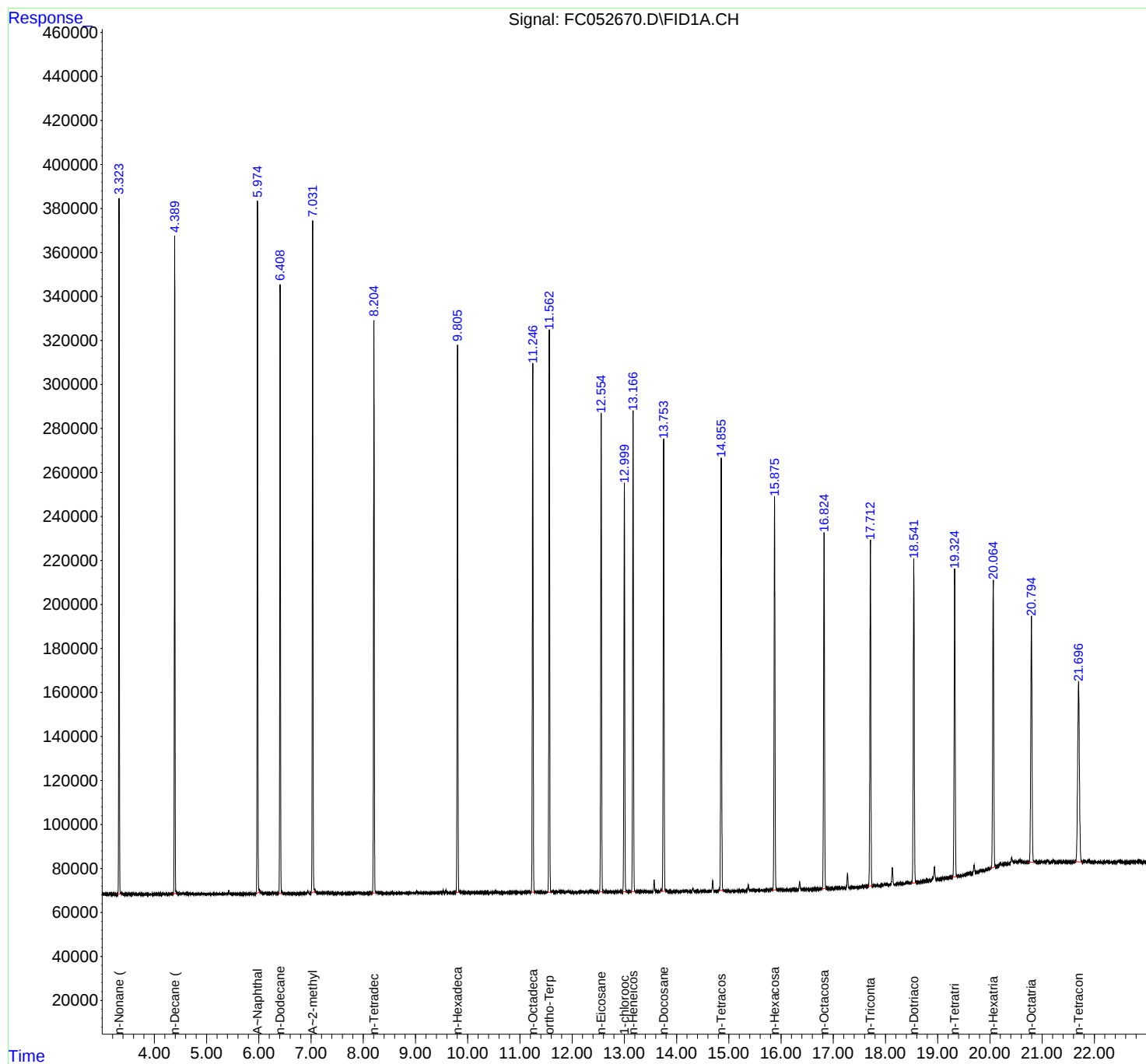
(m)=manual int.

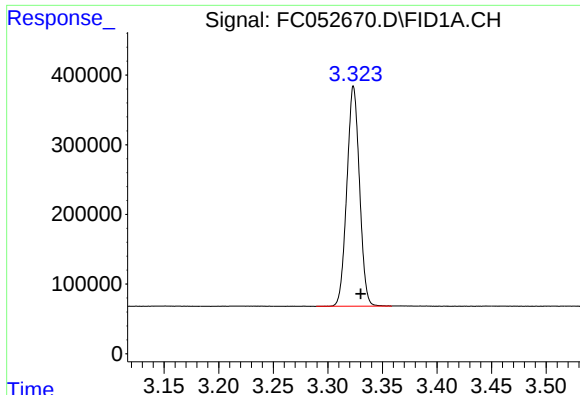
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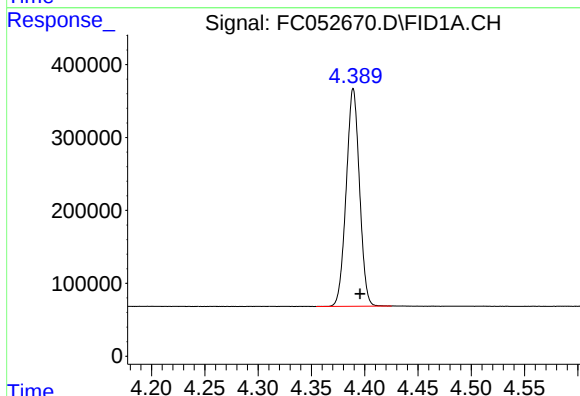




#1 n-Nonane (C9)

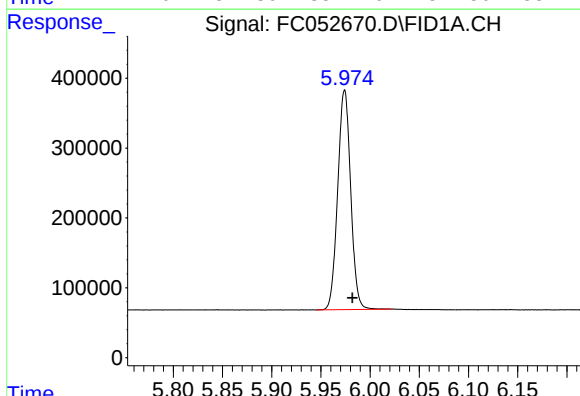
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 2546373
Conc: 21.92 ug/ml

Instrument :
FID_C
ClientSampleId :



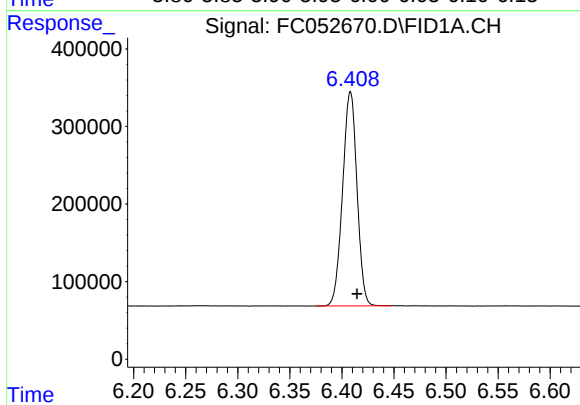
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.006 min
Response: 2586860
Conc: 22.08 ug/ml



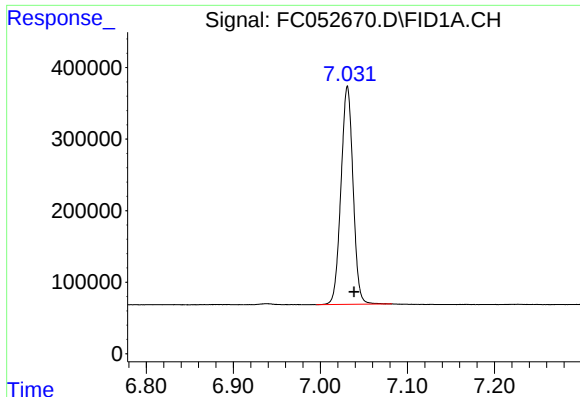
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 2887306
Conc: 22.05 ug/ml



#4 n-Dodecane (C12)

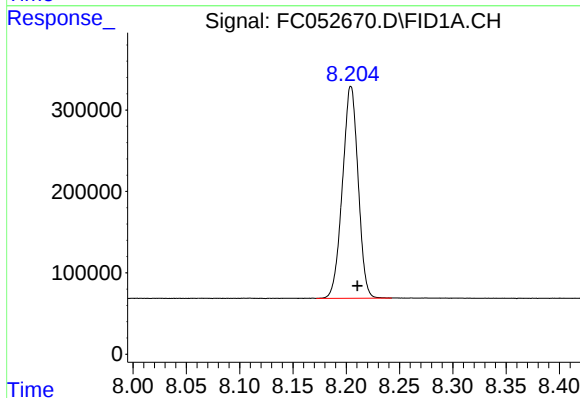
R.T.: 6.408 min
Delta R.T.: -0.006 min
Response: 2657223
Conc: 22.13 ug/ml



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

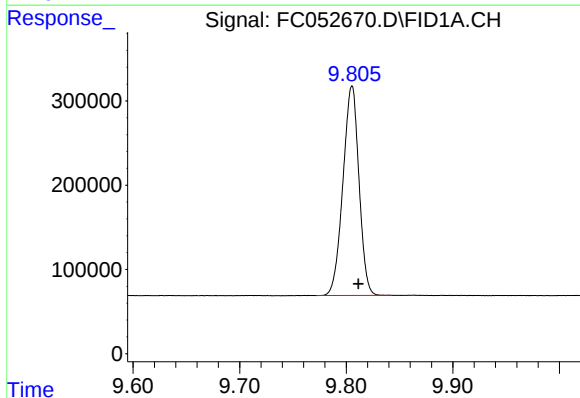
R.T.: 7.031 min
Delta R.T.: -0.008 min
Response: 2941530
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :



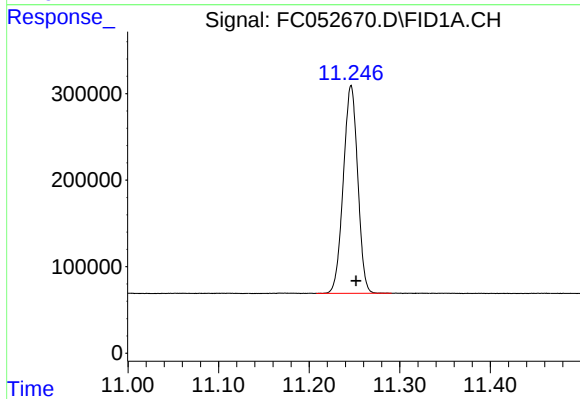
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 2664429
Conc: 22.03 ug/ml



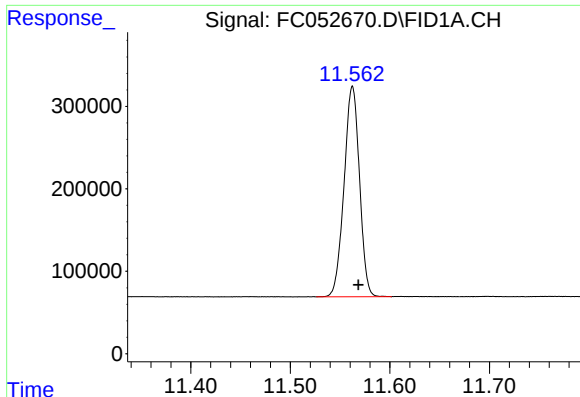
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: -0.006 min
Response: 2600895
Conc: 21.63 ug/ml



#8 n-Octadecane (C18)

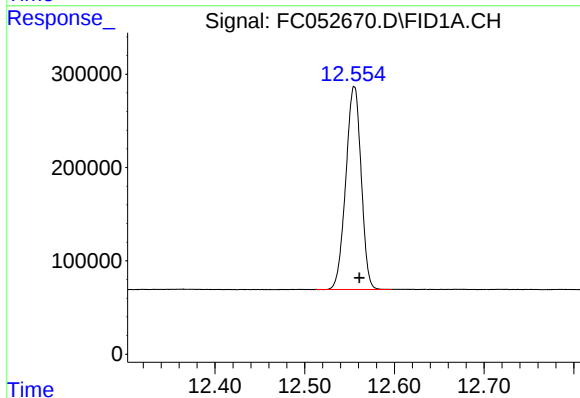
R.T.: 11.246 min
Delta R.T.: -0.005 min
Response: 2655520
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

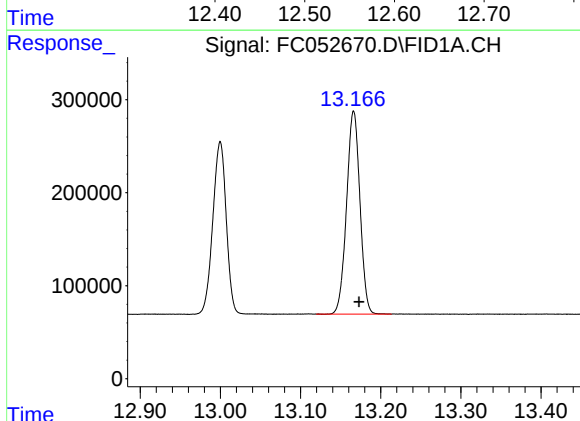
R.T.: 11.562 min
Delta R.T.: -0.006 min
Response: 2750613
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :



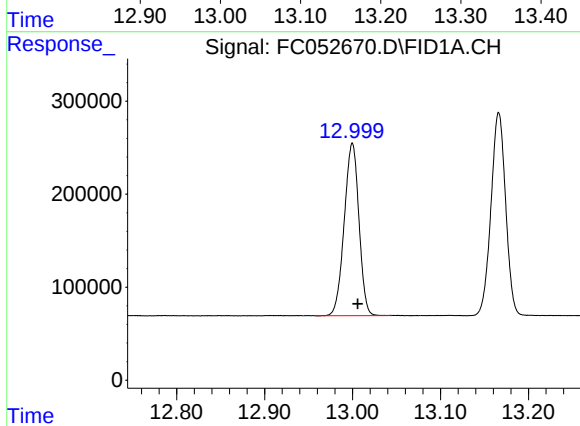
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.006 min
Response: 2589238
Conc: 20.28 ug/ml



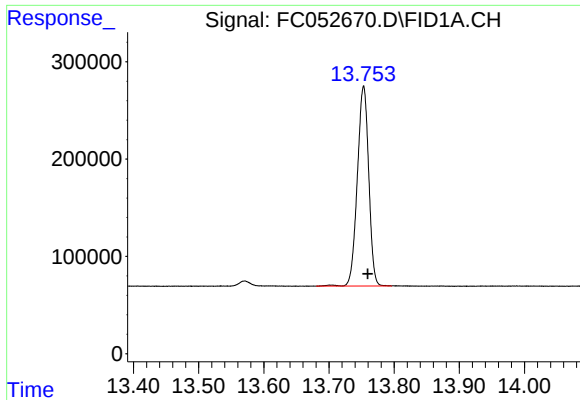
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.007 min
Response: 2528566
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

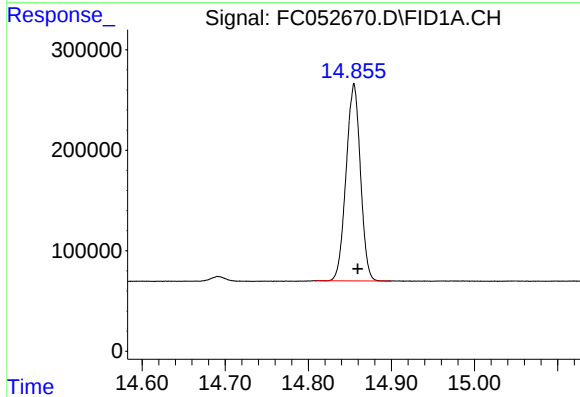
R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 2151972
Conc: 19.95 ug/ml



#13 n-Docosane (C22)

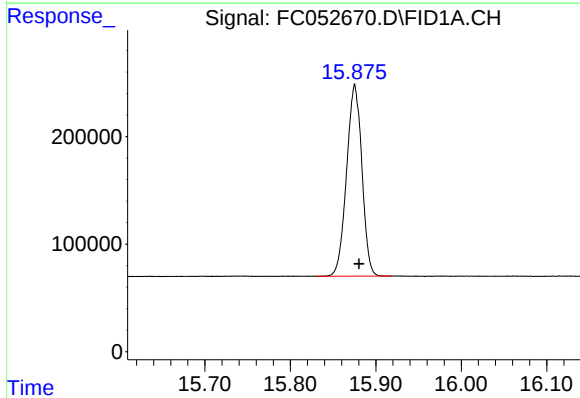
R.T.: 13.753 min
Delta R.T.: -0.006 min
Response: 2491646
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :



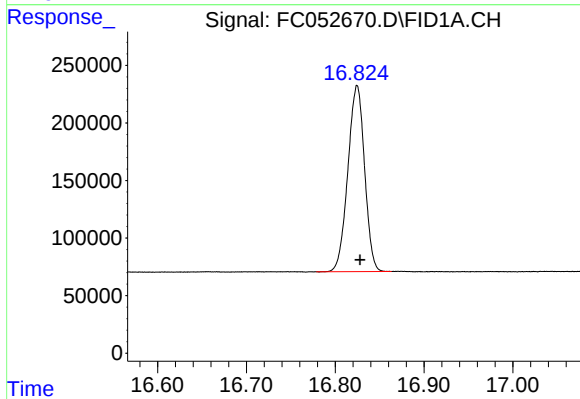
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 2352402
Conc: 18.83 ug/ml



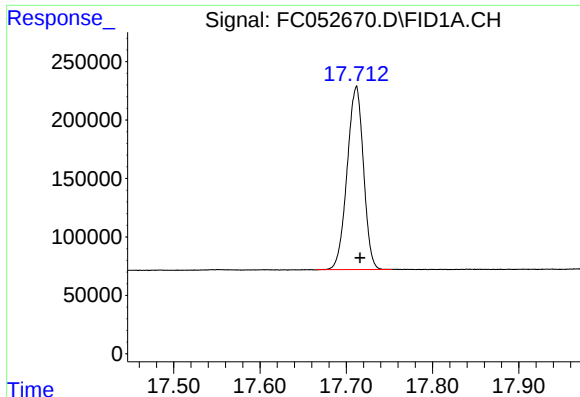
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 2215965
Conc: 18.40 ug/ml



#16 n-Octacosane (C28)

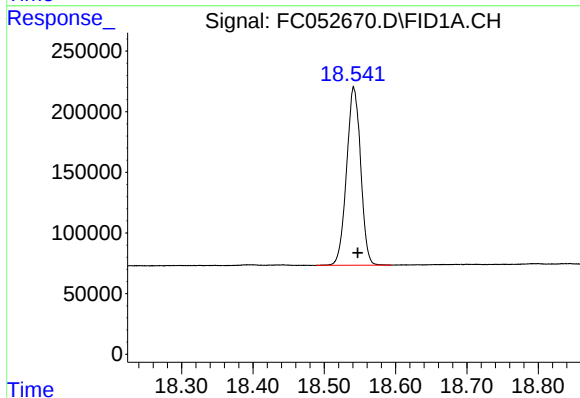
R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 2113504
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

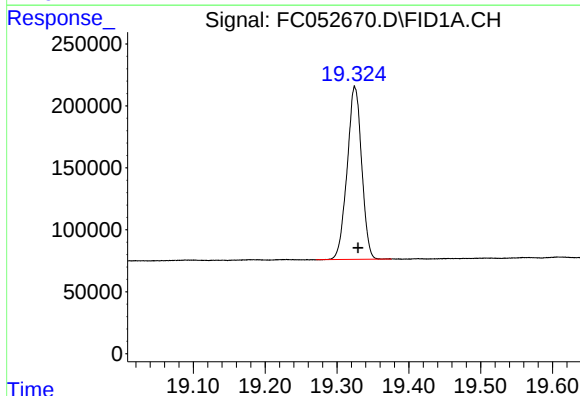
R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 2063285
Conc: 18.94 ug/ml

Instrument :
FID_C
ClientSampleId :



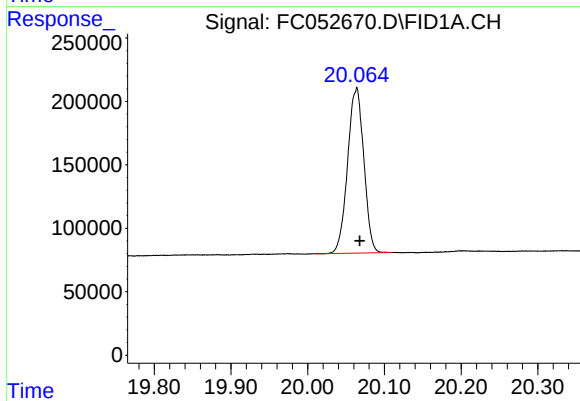
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 2013534
Conc: 20.07 ug/ml



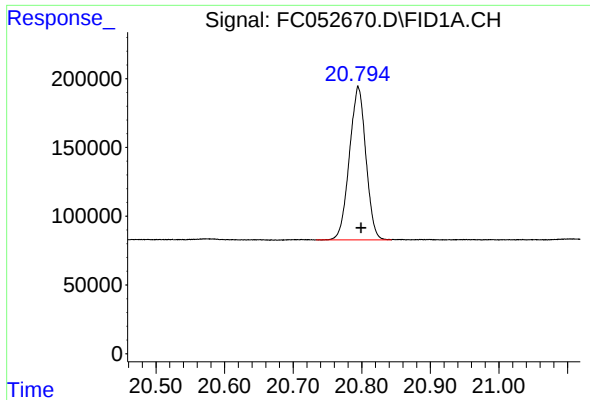
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.005 min
Response: 1964429
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

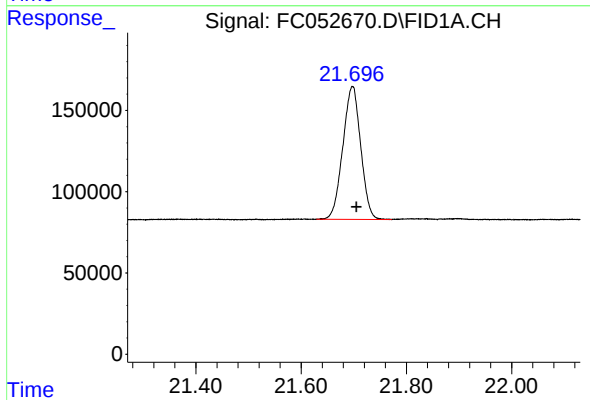
R.T.: 20.064 min
Delta R.T.: -0.004 min
Response: 1910370
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 1859506
Conc: 22.78 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.007 min
Response: 1928179
Conc: 22.38 ug/ml