

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033021AL\
 Data File : FC052859.D
 Signal(s) : FID1A.CH
 Acq On : 31 Mar 2021 00:20
 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 31 02:19:41 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)	11.558	2440445	18.207 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	12.996	1891094	17.533 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
Target Compounds			
1) T n-Nonane (C9)	3.319	2402502	20.685 ug/ml
2) T n-Decane (C10)	4.385	2430645	20.742 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2684420	20.503 ug/ml
4) T n-Dodecane (C12)	6.404	2476559	20.627 ug/ml
5) T A~2-methylnaphthalene...	7.027	2721954	20.334 ug/ml
6) T n-Tetradecane (C14)	8.200	2456724	20.313 ug/ml
7) T n-Hexadecane (C16)	9.801	2377693	19.770 ug/ml
8) T n-Octadecane (C18)	11.243	2397682	19.004 ug/ml
10) T n-Eicosane (C20)	12.552	2301191	18.021 ug/ml
11) T n-Heneicosane (C21)	13.164	2235460	17.587 ug/ml
13) T n-Docosane (C22)	13.751	2166942	17.106 ug/ml
14) T n-Tetracosane (C24)	14.851	2061575	16.503 ug/ml
15) T n-Hexacosane (C26)	15.872	1954772	16.234 ug/ml
16) T n-Octacosane (C28)	16.822	1907293	16.543 ug/ml
17) T n-Tricontane (C30)	17.708	1901660	17.454 ug/ml
18) T n-Dotriacontane (C32)	18.541	1892581	18.862 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1881374	20.468 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1850192	20.290 ug/ml
21) T n-Octatriacontane (C38)	20.794	1792019	21.957 ug/ml
22) T n-Tetracontane (C40)	21.697	1842233	21.387 ug/ml

(f)=RT Delta > 1/2 Window

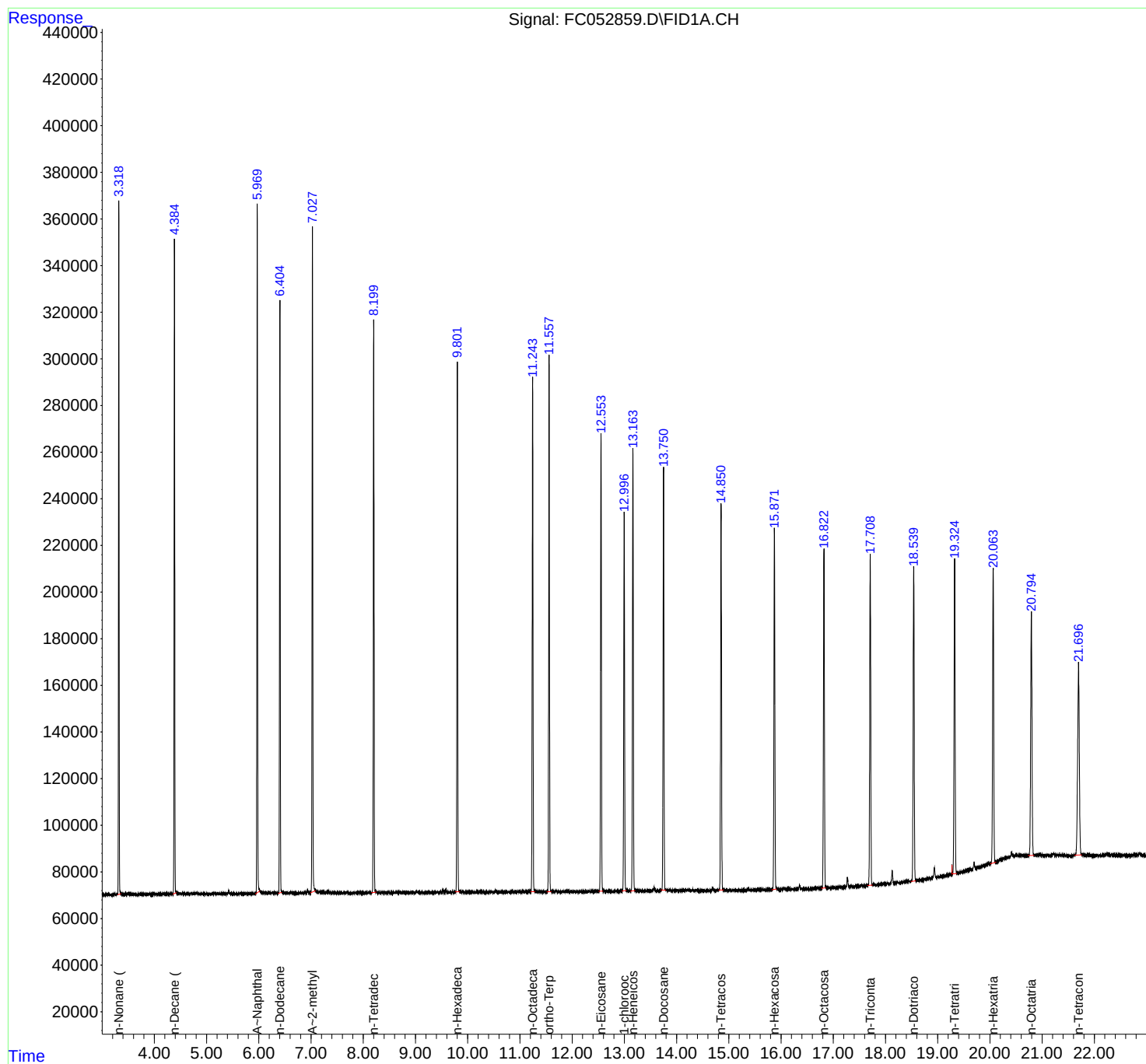
(m)=manual int.

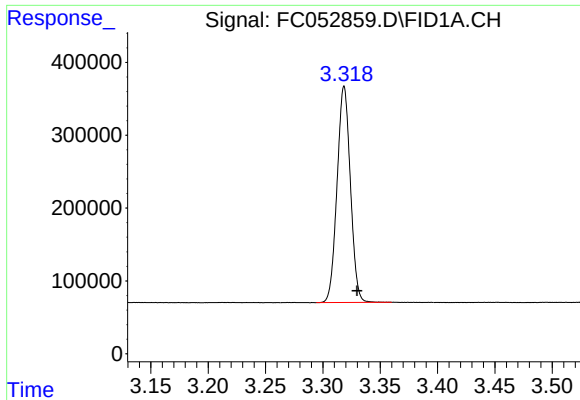
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC033021AL\
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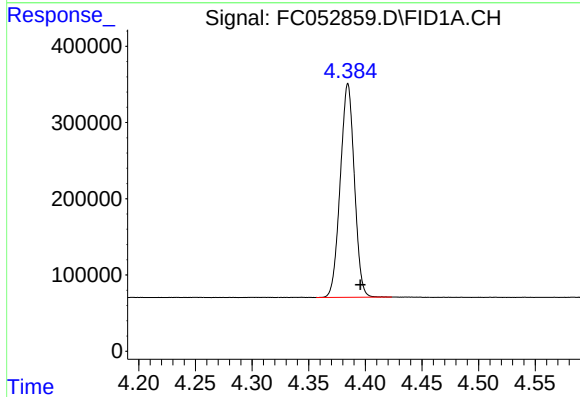




#1 n-Nonane (C9)

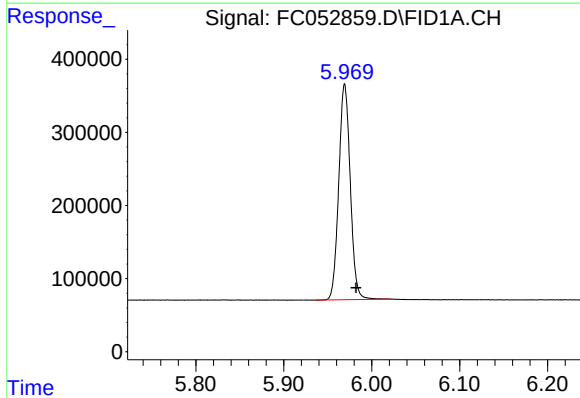
R.T.: 3.319 min
Delta R.T.: -0.011 min
Response: 2402502
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :



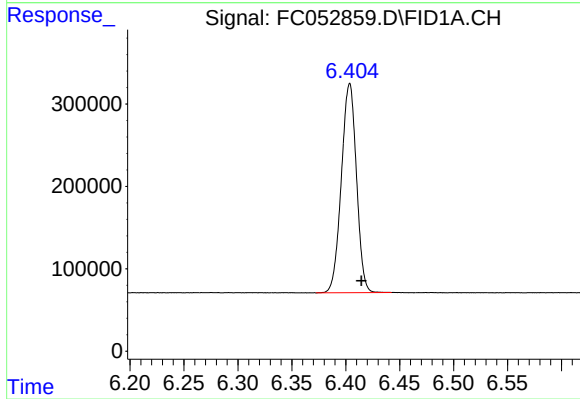
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.011 min
Response: 2430645
Conc: 20.74 ug/ml



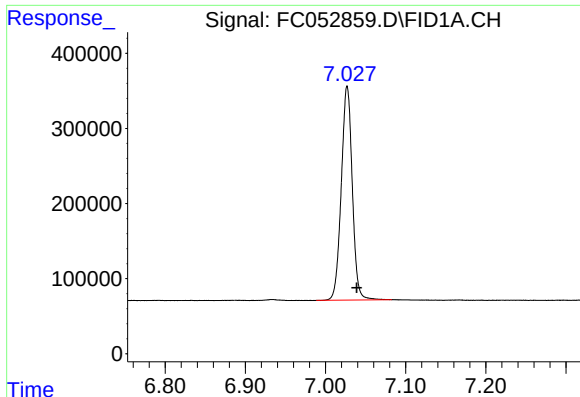
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.013 min
Response: 2684420
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

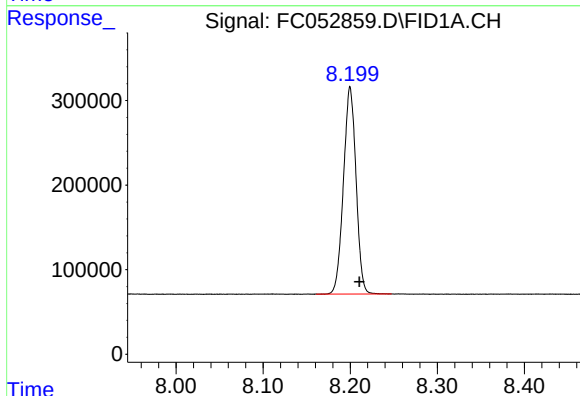
R.T.: 6.404 min
Delta R.T.: -0.011 min
Response: 2476559
Conc: 20.63 ug/ml



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

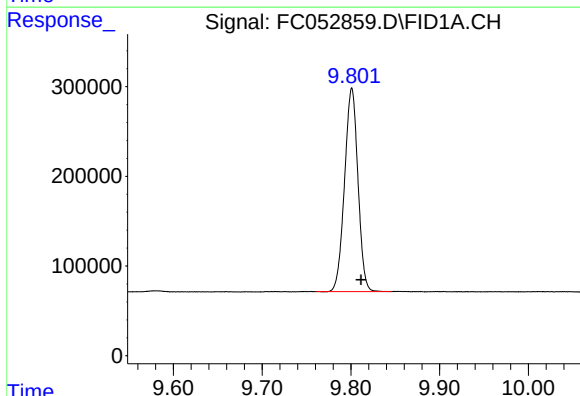
R.T.: 7.027 min
Delta R.T.: -0.012 min
Response: 2721954
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :



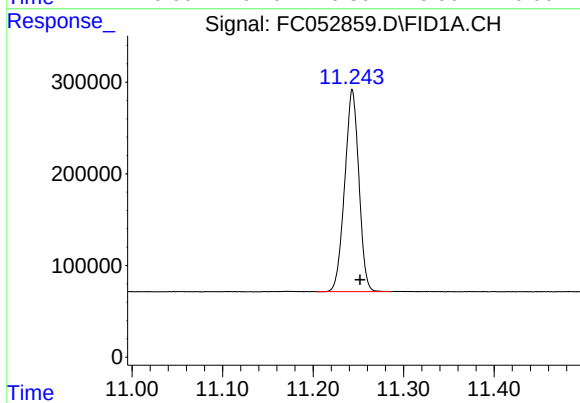
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.011 min
Response: 2456724
Conc: 20.31 ug/ml



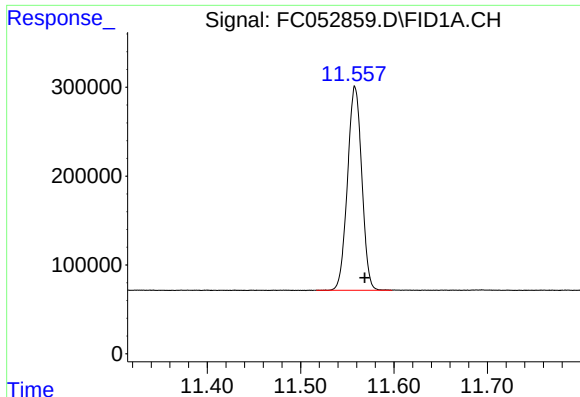
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.010 min
Response: 2377693
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

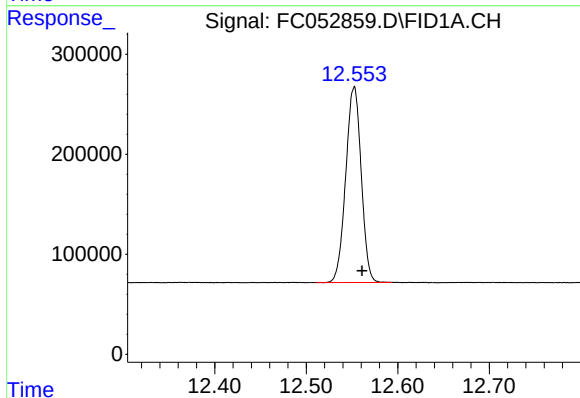
R.T.: 11.243 min
Delta R.T.: -0.008 min
Response: 2397682
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

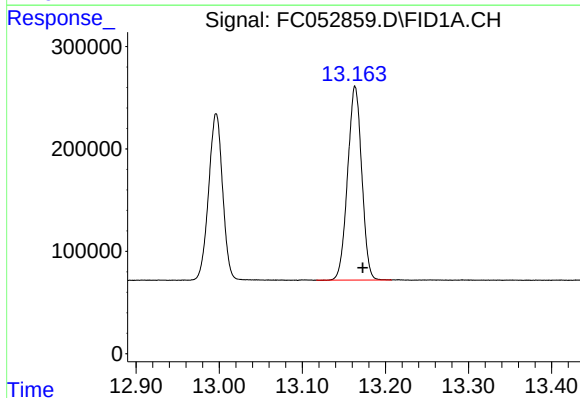
R.T.: 11.558 min
Delta R.T.: -0.010 min
Response: 2440445
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :



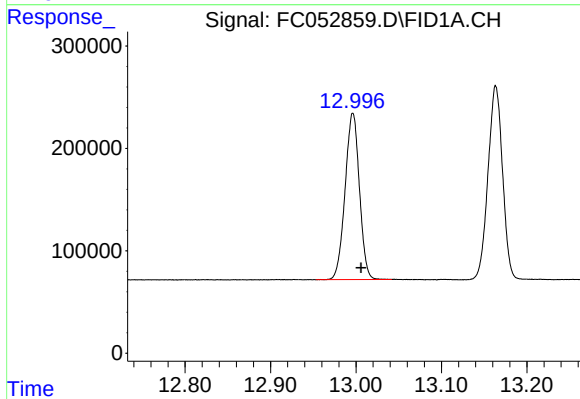
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.009 min
Response: 2301191
Conc: 18.02 ug/ml



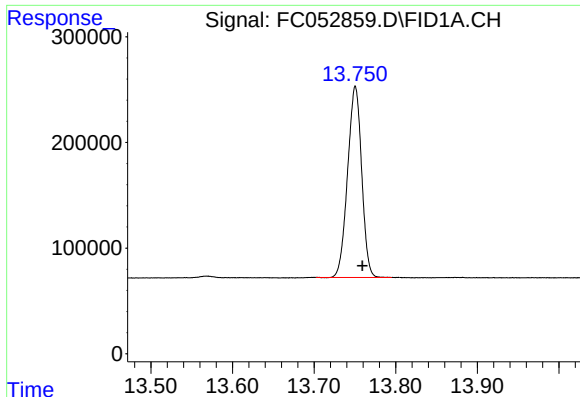
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.009 min
Response: 2235460
Conc: 17.59 ug/ml



#12 1-chlorooctadecane (SURR)

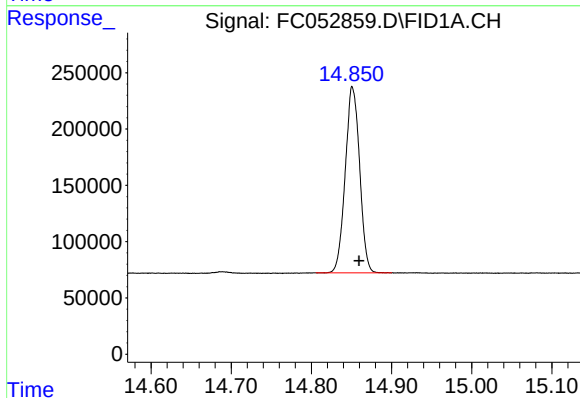
R.T.: 12.996 min
Delta R.T.: -0.010 min
Response: 1891094
Conc: 17.53 ug/ml



#13 n-Docosane (C22)

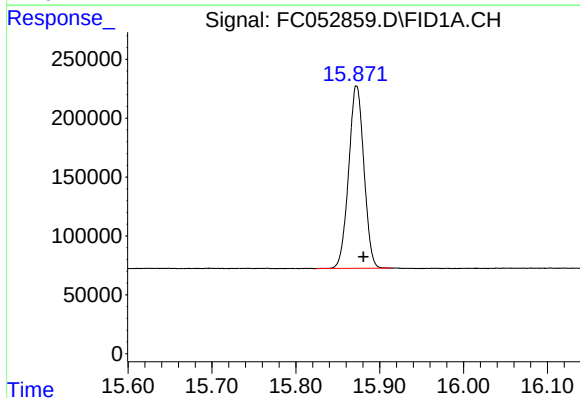
R.T.: 13.751 min
Delta R.T.: -0.009 min
Response: 2166942
Conc: 17.11 ug/ml

Instrument :
FID_C
ClientSampleId :



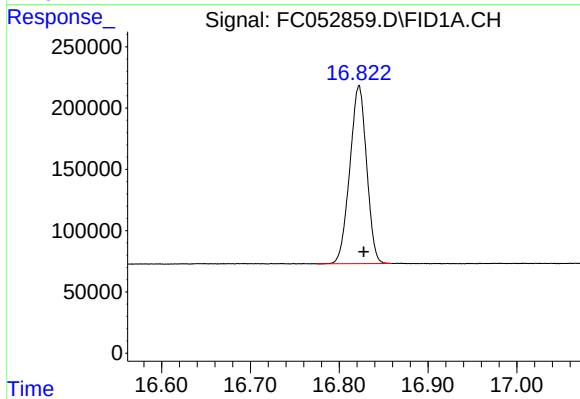
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.008 min
Response: 2061575
Conc: 16.50 ug/ml



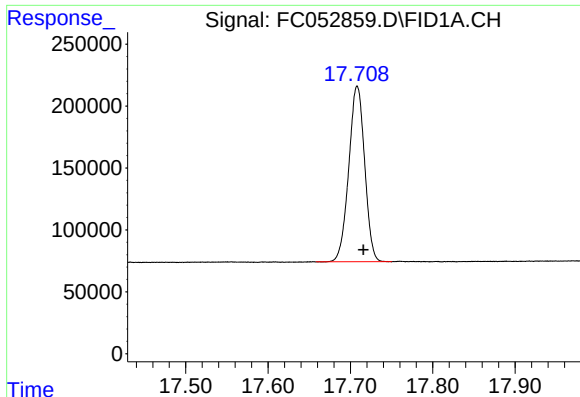
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 1954772
Conc: 16.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.005 min
Response: 1907293
Conc: 16.54 ug/ml



#17 n-Tricontane (C30)

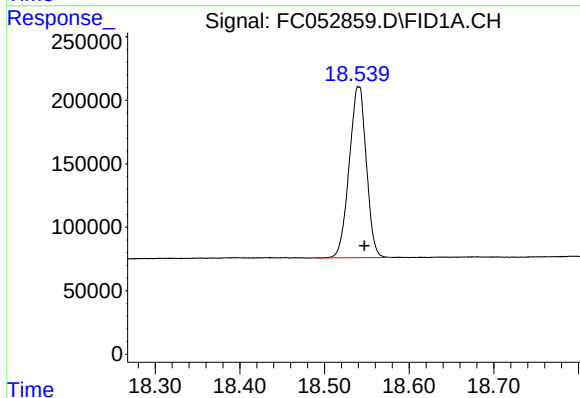
R.T.: 17.708 min

Delta R.T.: -0.008 min

Response: 1901660

Conc: 17.45 ug/ml

Instrument :
FID_C
ClientSampleId :



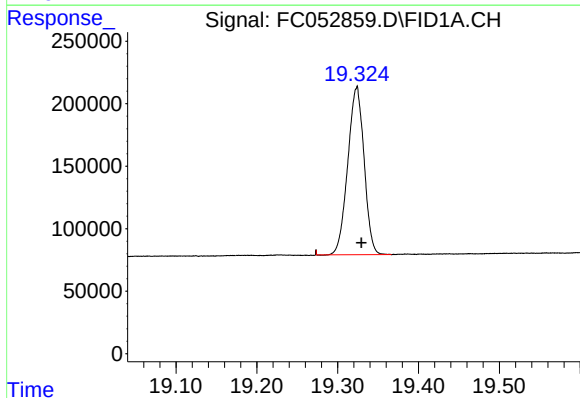
#18 n-Dotriacontane (C32)

R.T.: 18.541 min

Delta R.T.: -0.007 min

Response: 1892581

Conc: 18.86 ug/ml



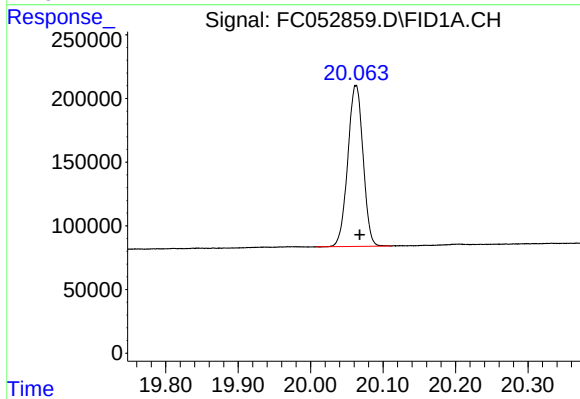
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min

Delta R.T.: -0.006 min

Response: 1881374

Conc: 20.47 ug/ml



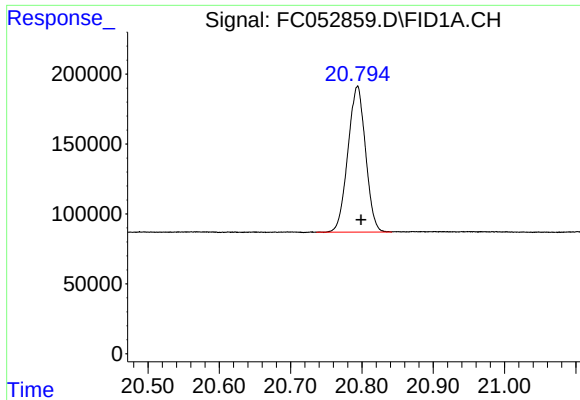
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min

Delta R.T.: -0.005 min

Response: 1850192

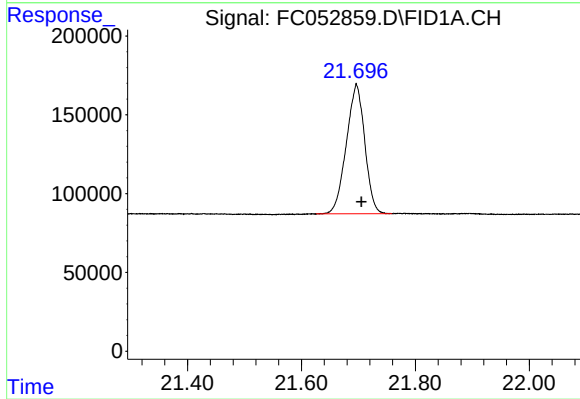
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.005 min
Response: 1792019
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.009 min
Response: 1842233
Conc: 21.39 ug/ml