

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055835.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2021 11:33
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 27 13:32:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.644	2304885	18.252 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	13.077	1809882	18.317 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.399	2161348	19.448 ug/ml
2) T n-Decane (C10)	4.467	2187281	19.527 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2454051	19.548 ug/ml
4) T n-Dodecane (C12)	6.486	2207746	19.729 ug/ml
5) T A~2-methylnaphthalene...	7.114	2459970	19.456 ug/ml
6) T n-Tetradecane (C14)	8.280	2251116	19.887 ug/ml
7) T n-Hexadecane (C16)	9.881	2253821	19.727 ug/ml
8) T n-Octadecane (C18)	11.323	2261065	19.056 ug/ml
10) T n-Eicosane (C20)	12.632	2180269	18.471 ug/ml
11) T n-Heneicosane (C21)	13.243	2158283	18.090 ug/ml
13) T n-Docosane (C22)	13.828	2098629	17.714 ug/ml
14) T n-Tetracosane (C24)	14.931	2007259	16.964 ug/ml
15) T n-Hexacosane (C26)	15.950	1881956	16.516 ug/ml
16) T n-Octacosane (C28)	16.898	1800095	16.549 ug/ml
17) T n-Tricontane (C30)	17.783	1713720	16.941 ug/ml
18) T n-Dotriacontane (C32)	18.613	1650931	18.068 ug/ml
19) T n-Tetratriacontane (C34)	19.396	1648831	19.093 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1629799	19.162 ug/ml
21) T n-Octatriacontane (C38)	20.875	1618145	21.257 ug/ml
22) T n-Tetracontane (C40)	21.800	1679446	23.976 ug/ml

(f)=RT Delta > 1/2 Window

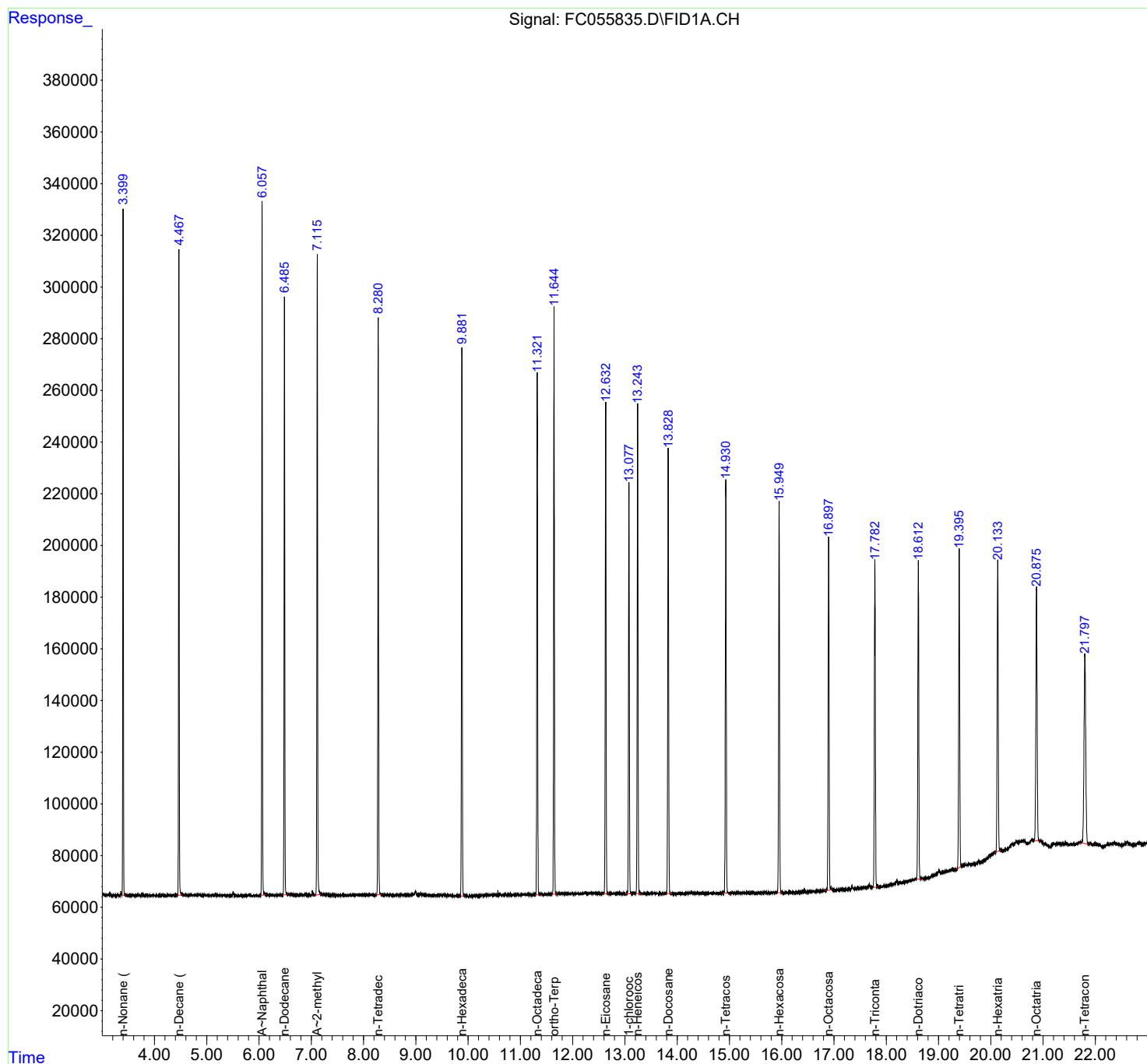
(m)=manual int.

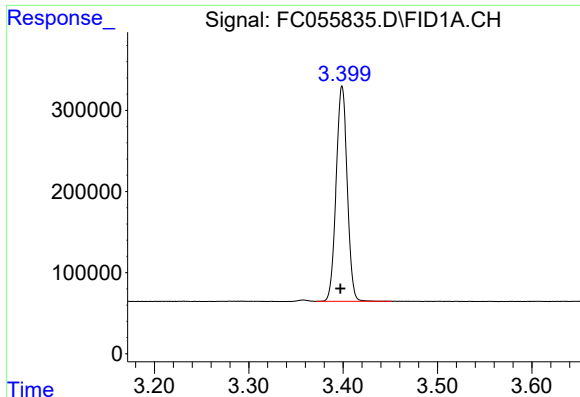
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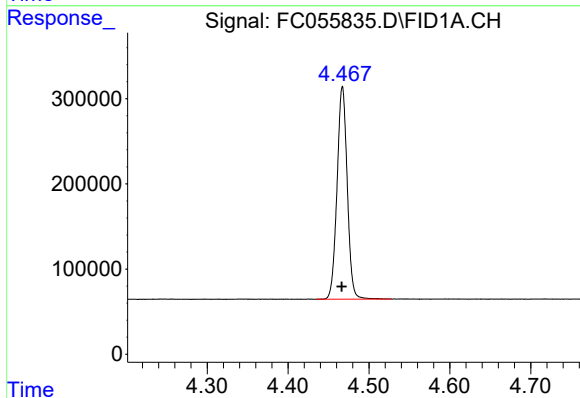




#1 n-Nonane (C9)

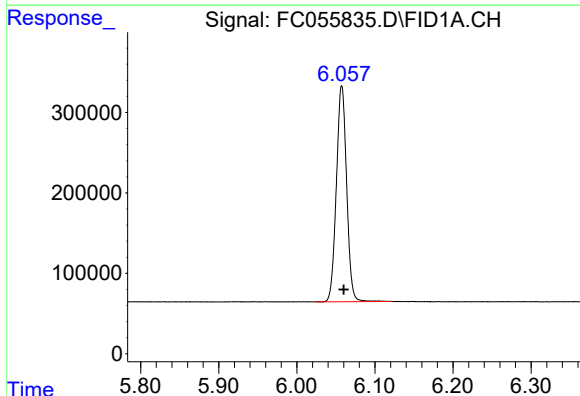
R.T.: 3.399 min
Delta R.T.: 0.002 min
Response: 2161348
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :



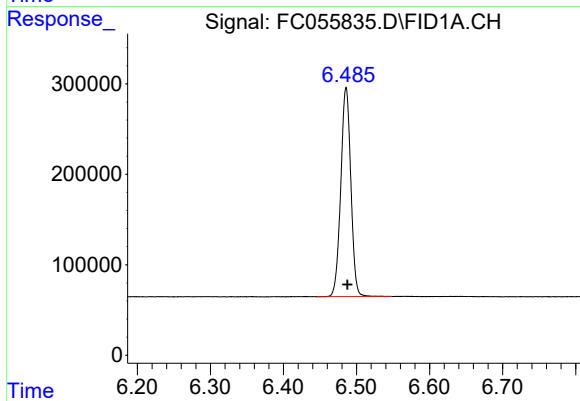
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2187281
Conc: 19.53 ug/ml



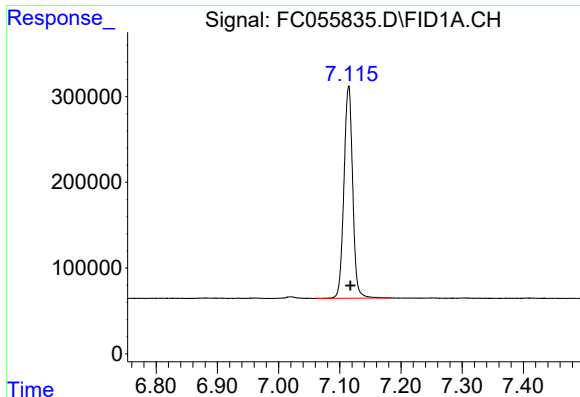
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2454051
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

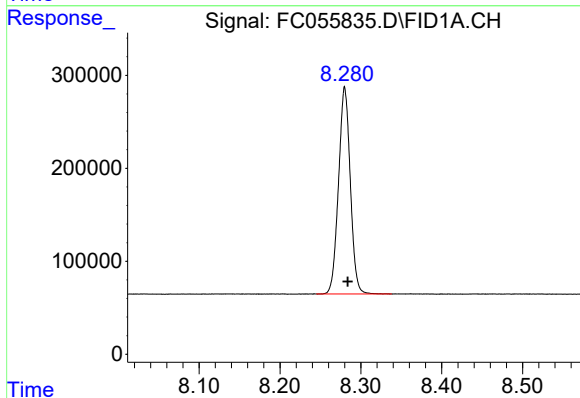
R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2207746
Conc: 19.73 ug/ml



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

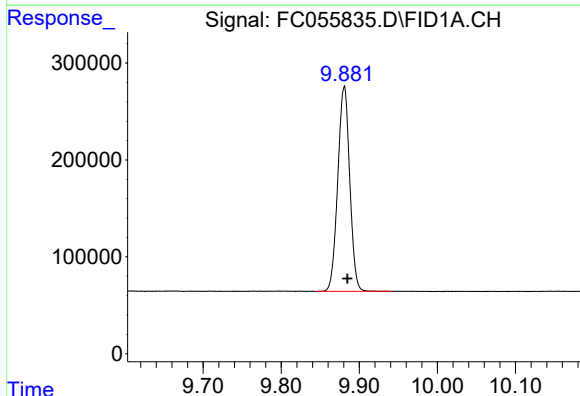
R.T.: 7.114 min
Delta R.T.: -0.003 min
Response: 2459970
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :



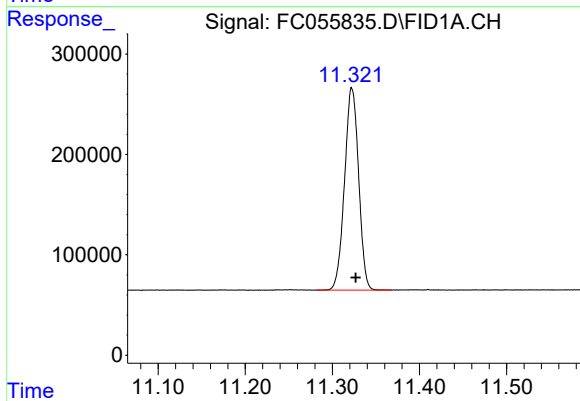
#6 n-Tetradecane (C14)

R.T.: 8.280 min
Delta R.T.: -0.004 min
Response: 2251116
Conc: 19.89 ug/ml



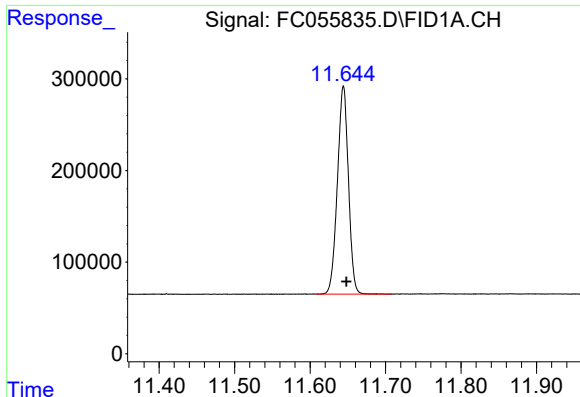
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.004 min
Response: 2253821
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

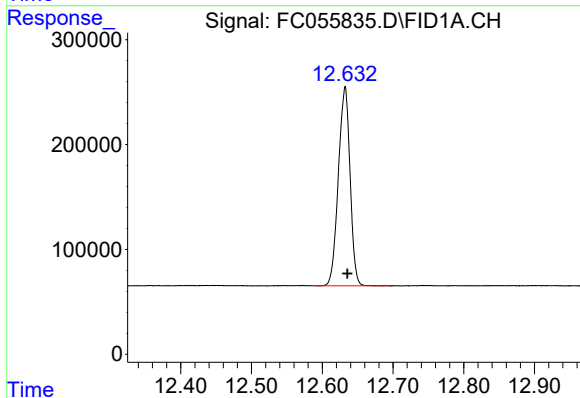
R.T.: 11.323 min
Delta R.T.: -0.004 min
Response: 2261065
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

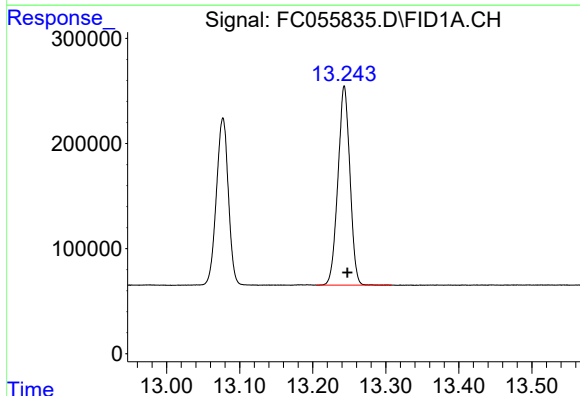
R.T.: 11.644 min
Delta R.T.: -0.004 min
Response: 2304885
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :



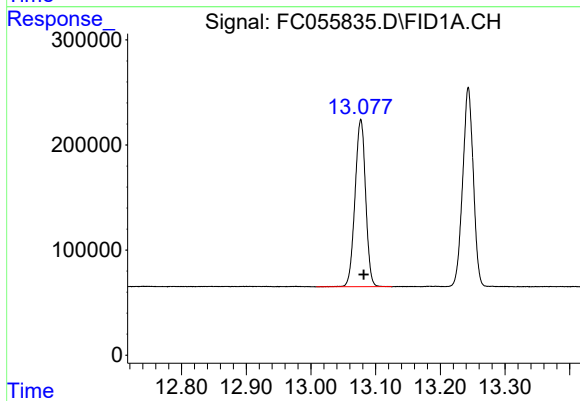
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.004 min
Response: 2180269
Conc: 18.47 ug/ml



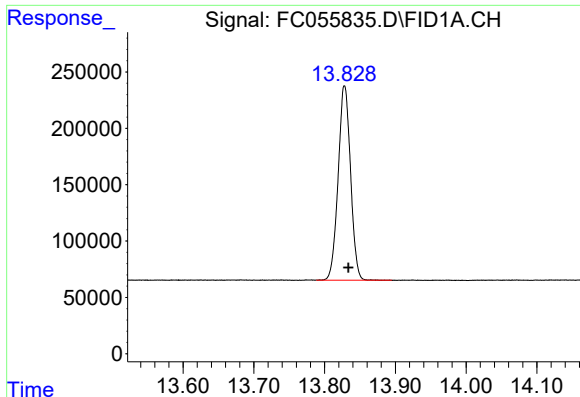
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.004 min
Response: 2158283
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

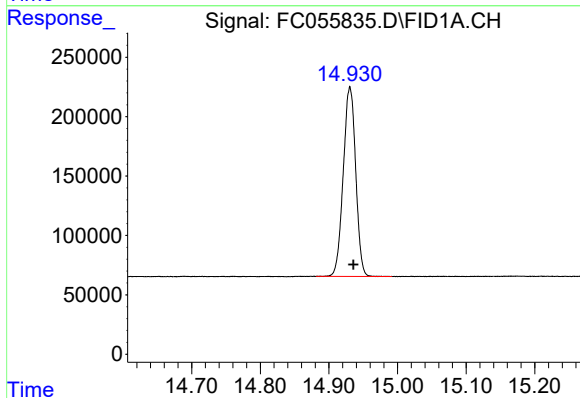
R.T.: 13.077 min
Delta R.T.: -0.005 min
Response: 1809882
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

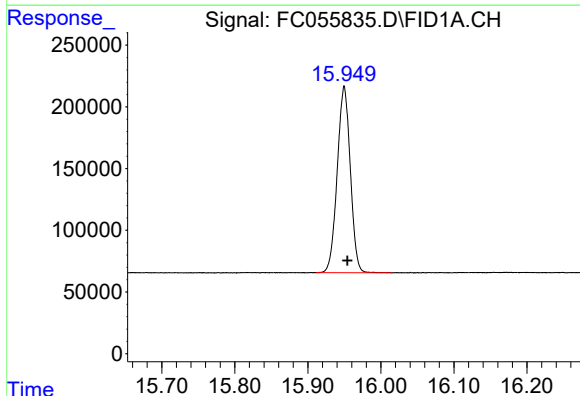
R.T.: 13.828 min
Delta R.T.: -0.005 min
Response: 2098629
Conc: 17.71 ug/ml

Instrument :
FID_C
ClientSampleId :



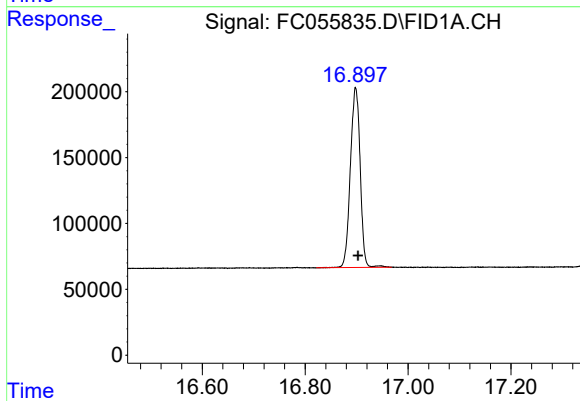
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.005 min
Response: 2007259
Conc: 16.96 ug/ml



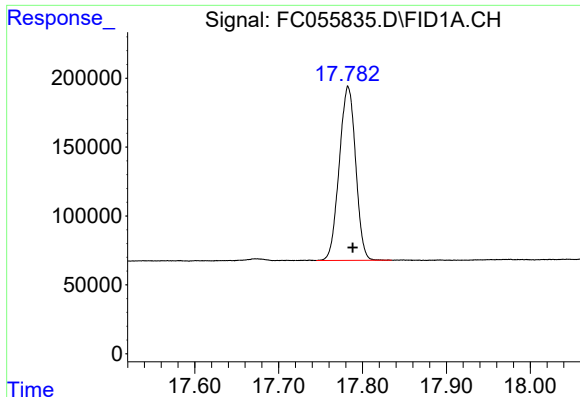
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.005 min
Response: 1881956
Conc: 16.52 ug/ml



#16 n-Octacosane (C28)

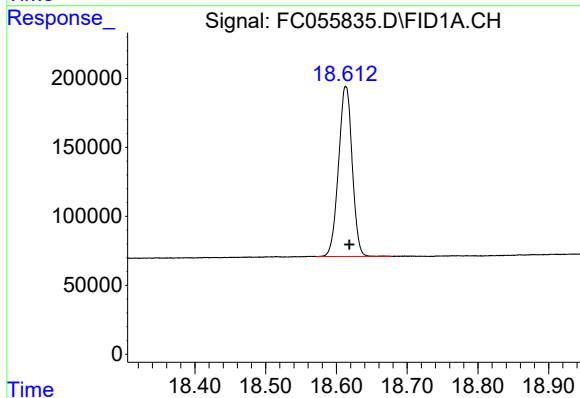
R.T.: 16.898 min
Delta R.T.: -0.005 min
Response: 1800095
Conc: 16.55 ug/ml



#17 n-Tricontane (C30)

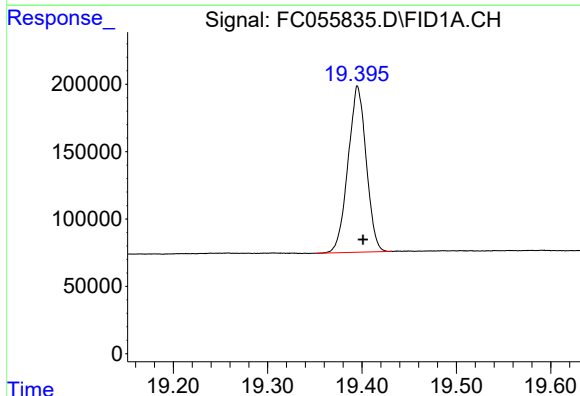
R.T.: 17.783 min
Delta R.T.: -0.006 min
Response: 1713720
Conc: 16.94 ug/ml

Instrument :
FID_C
ClientSampleId :



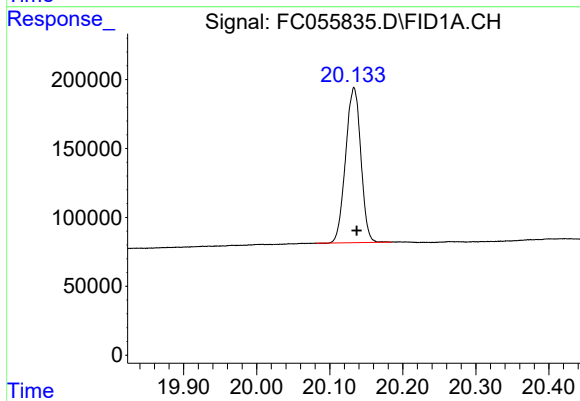
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: -0.005 min
Response: 1650931
Conc: 18.07 ug/ml



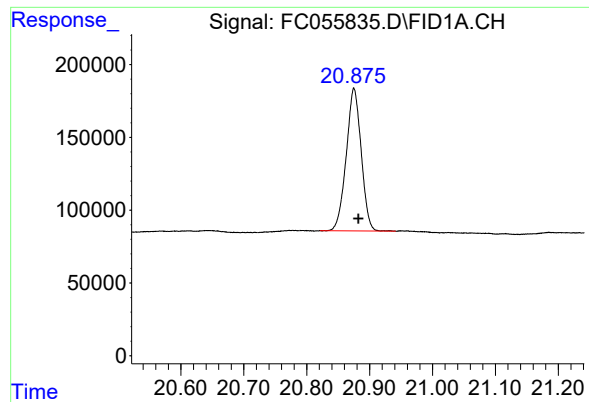
#19 n-Tetratriacontane (C34)

R.T.: 19.396 min
Delta R.T.: -0.005 min
Response: 1648831
Conc: 19.09 ug/ml



#20 n-Hexatriacontane (C36)

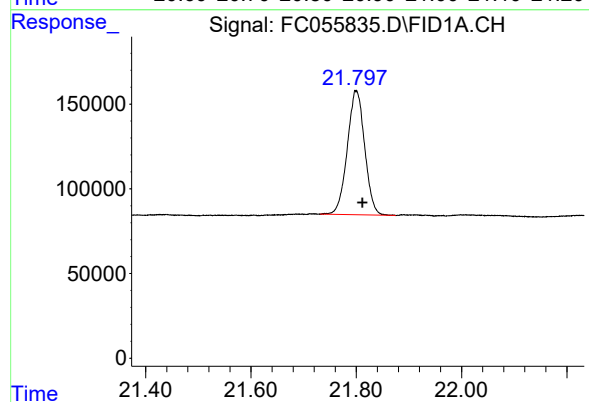
R.T.: 20.133 min
Delta R.T.: -0.004 min
Response: 1629799
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: -0.007 min
Response: 1618145
Conc: 21.26 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.012 min
Response: 1679446
Conc: 23.98 ug/ml