

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110320AL\
 Data File : FC050519.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2020 14:07
 Operator : DD\AJ
 Sample : FCS CHECK SOL 1
 Misc : LOT# E2971
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 1

Integration File: autoint1.e
 Quant Time: Nov 04 01:38:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 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			
12) S 1-chlorooctadecane (S...	13.054	4128638	42.761 ug/ml
Spiked Amount 50.000		Recovery =	85.52%
Target Compounds			
1) T n-Nonane (C9)	3.368	3949290	37.116 ug/ml
2) T n-Decane (C10)	4.438	4931335	46.368 ug/ml
4) T n-Dodecane (C12)	6.459	5735275	52.897 ug/ml
6) T n-Tetradecane (C14)	8.255	6115645	56.700 ug/ml
7) T n-Hexadecane (C16)	9.857	6292429	59.110 ug/ml
8) T n-Octadecane (C18)	11.300	6618745	58.839 ug/ml
10) T n-Eicosane (C20)	12.610	6657299	58.328 ug/ml
11) T n-Heneicosane (C21)	13.221	6734230	59.030 ug/ml
13) T n-Docosane (C22)	13.807	6782710	59.433 ug/ml
14) T n-Tetracosane (C24)	14.909	6841141	59.905 ug/ml
15) T n-Hexacosane (C26)	15.929	6795100	59.931 ug/ml
16) T n-Octacosane (C28)	16.877	6810724	60.022 ug/ml
17) T n-Tricontane (C30)	17.764	6644291	59.761 ug/ml
18) T n-Dotriacontane (C32)	18.595	6345113	61.504 ug/ml
19) T n-Tetratriacontane (C34)	19.376	5946843	61.803 ug/ml
20) T n-Hexatriacontane (C36)	20.114	5301698	59.011 ug/ml
21) T n-Octatriacontane (C38)	20.855	4772355	57.397 ug/ml
22) T n-Tetracontane (C40)	21.783	4617627	55.181 ug/ml

(f)=RT Delta > 1/2 Window

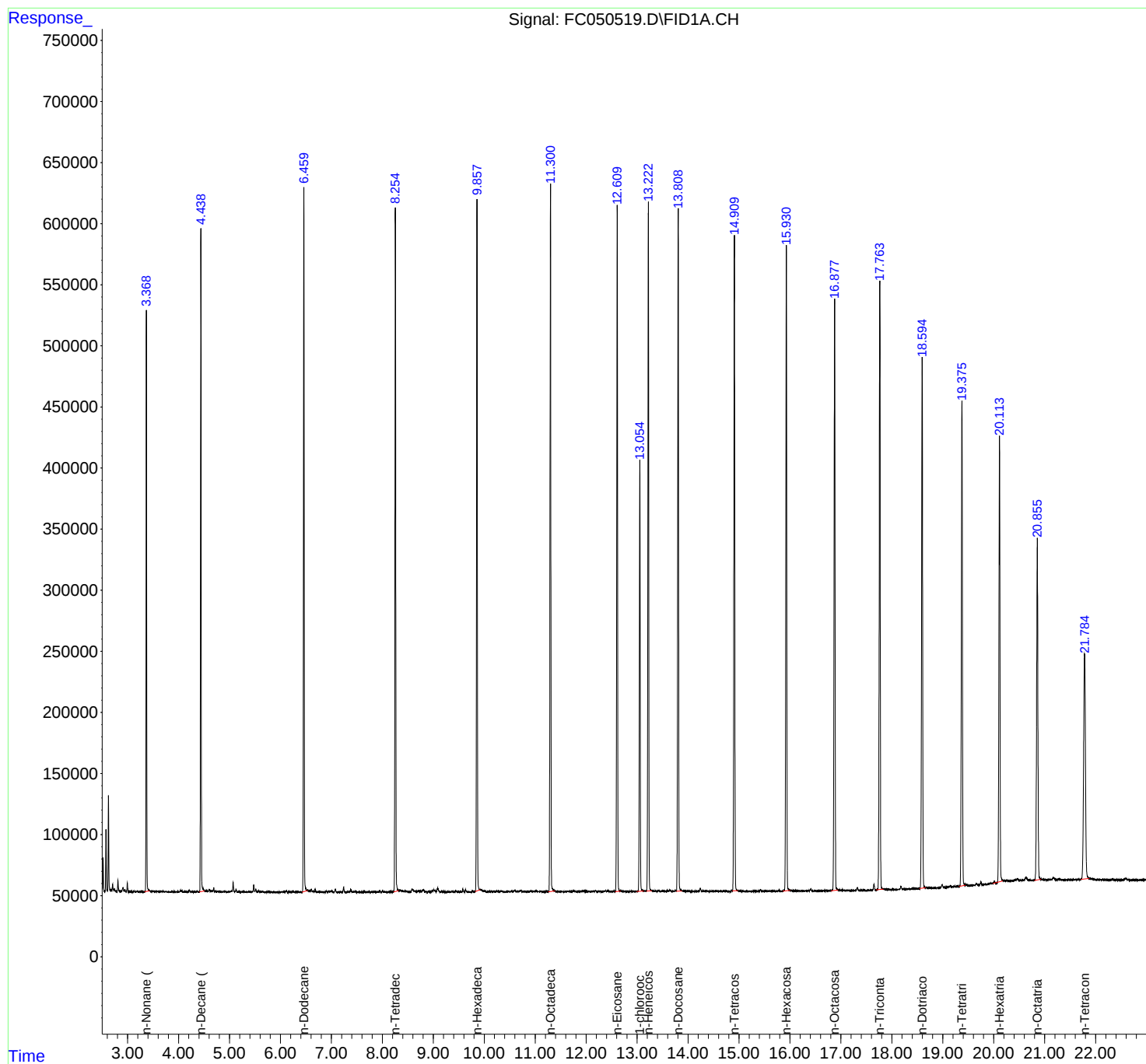
(m)=manual int.

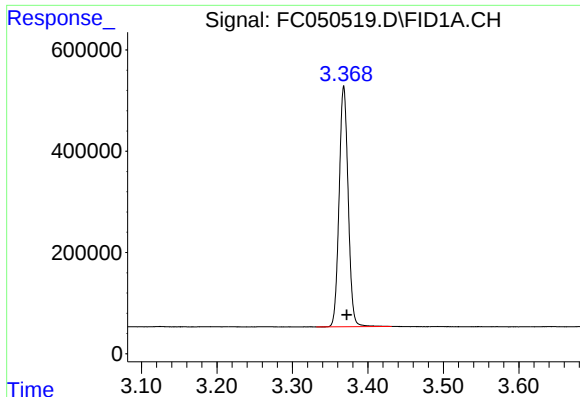
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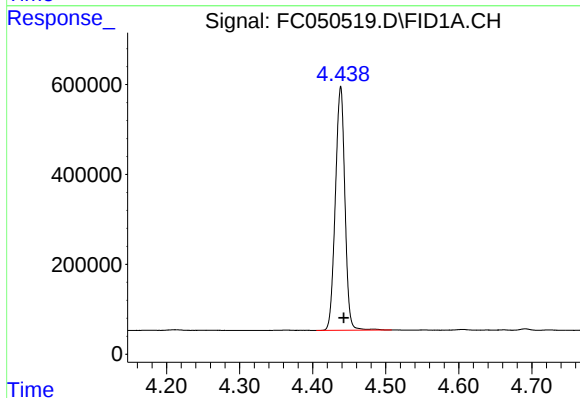




#1 n-Nonane (C9)

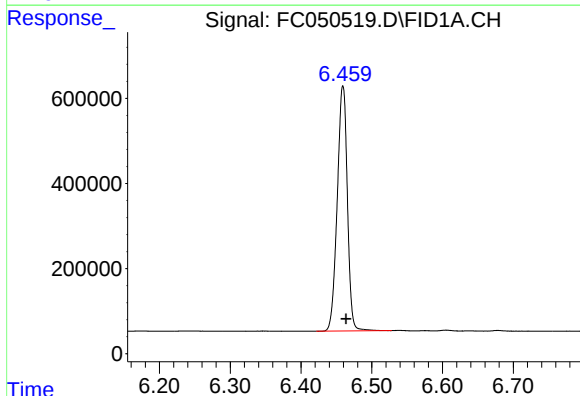
R.T.: 3.368 min
Delta R.T.: -0.004 min
Response: 3949290
Conc: 37.12 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 1



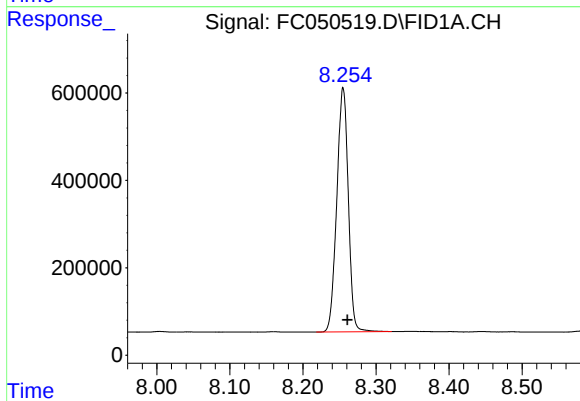
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.005 min
Response: 4931335
Conc: 46.37 ug/ml



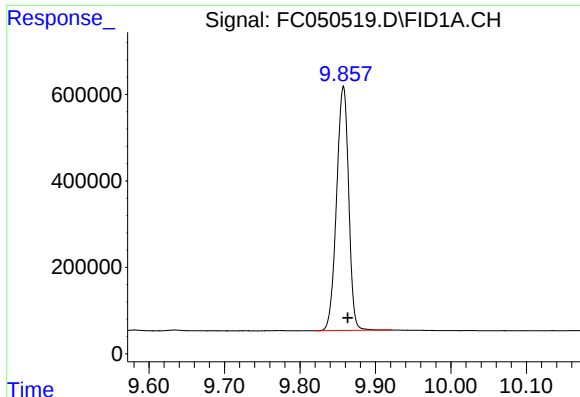
#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.005 min
Response: 5735275
Conc: 52.90 ug/ml



#6 n-Tetradecane (C14)

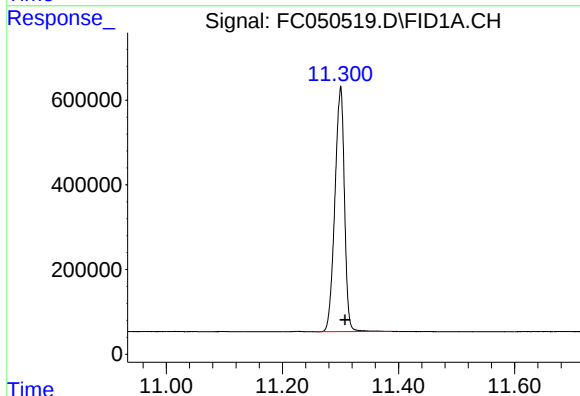
R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 6115645
Conc: 56.70 ug/ml



#7 n-Hexadecane (C16)

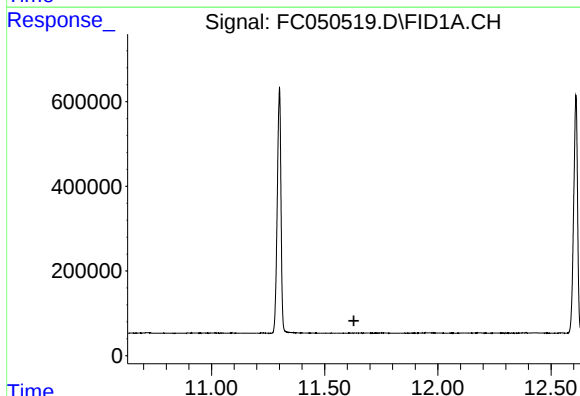
R.T.: 9.857 min
Delta R.T.: -0.006 min
Response: 6292429
Conc: 59.11 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 1



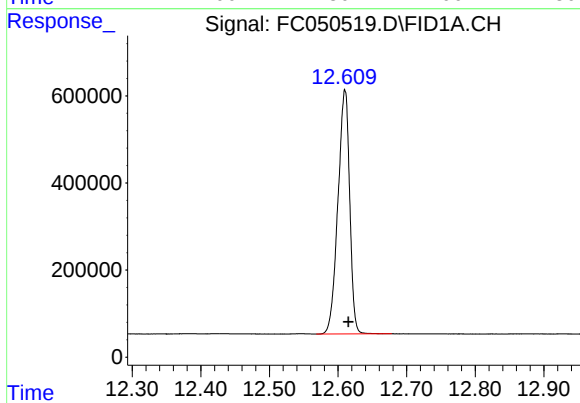
#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.008 min
Response: 6618745
Conc: 58.84 ug/ml



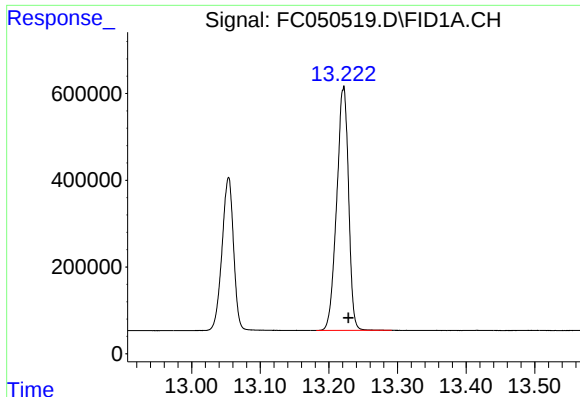
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.629 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

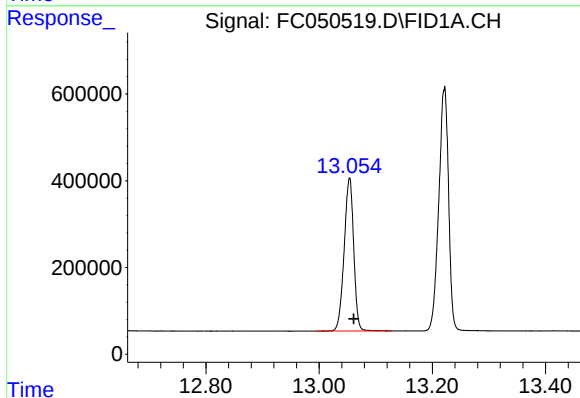
R.T.: 12.610 min
Delta R.T.: -0.005 min
Response: 6657299
Conc: 58.33 ug/ml



#11 n-Heneicosane (C21)

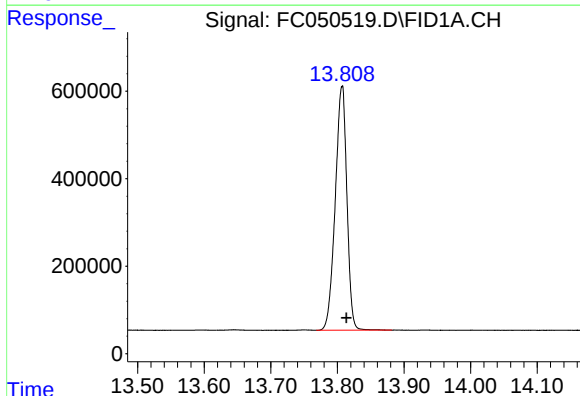
R.T.: 13.221 min
Delta R.T.: -0.007 min
Response: 6734230
Conc: 59.03 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 1



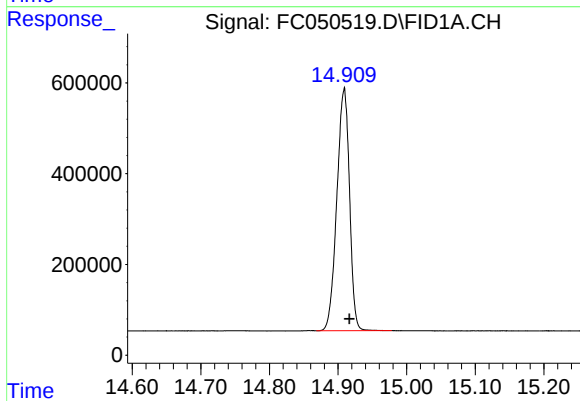
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.008 min
Response: 4128638
Conc: 42.76 ug/ml



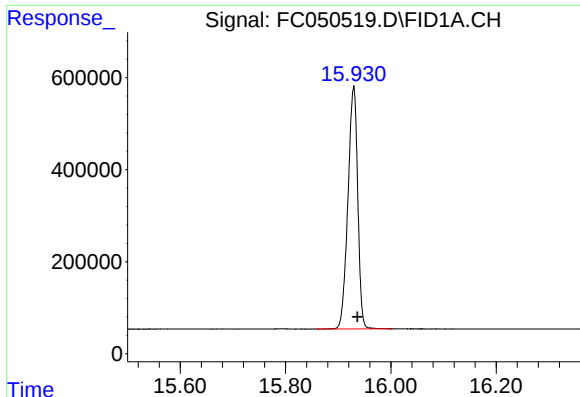
#13 n-Docosane (C22)

R.T.: 13.807 min
Delta R.T.: -0.007 min
Response: 6782710
Conc: 59.43 ug/ml



#14 n-Tetracosane (C24)

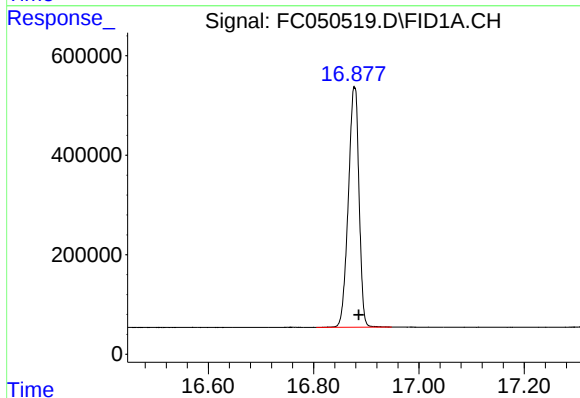
R.T.: 14.909 min
Delta R.T.: -0.008 min
Response: 6841141
Conc: 59.90 ug/ml



#15 n-Hexacosane (C26)

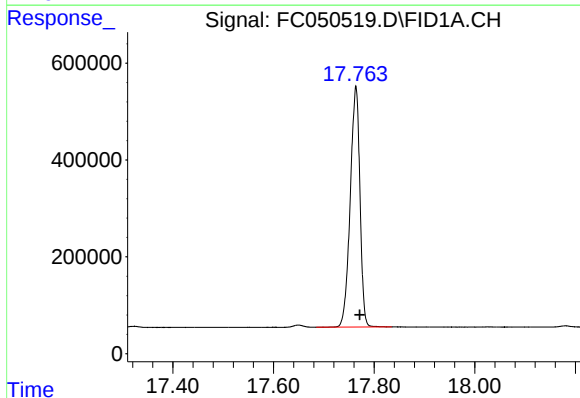
R.T.: 15.929 min
Delta R.T.: -0.008 min
Response: 6795100
Conc: 59.93 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 1



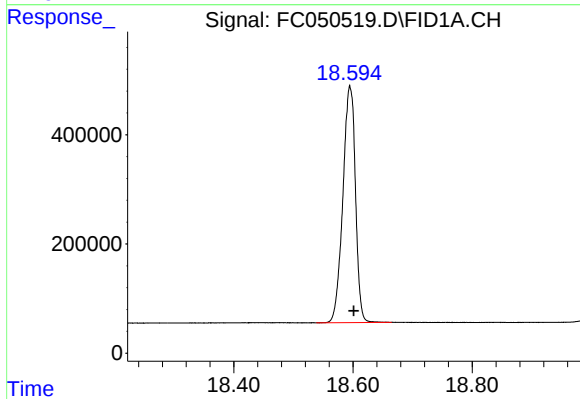
#16 n-Octacosane (C28)

R.T.: 16.877 min
Delta R.T.: -0.008 min
Response: 6810724
Conc: 60.02 ug/ml



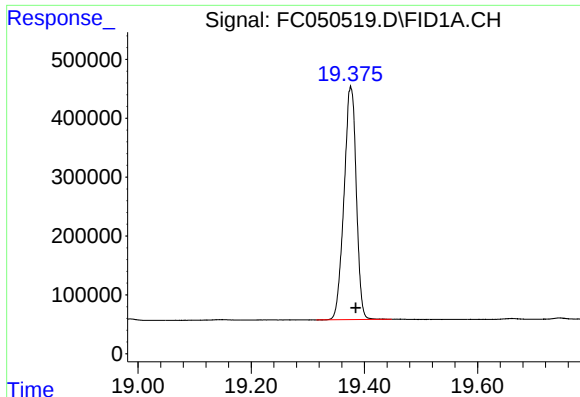
#17 n-Tricontane (C30)

R.T.: 17.764 min
Delta R.T.: -0.008 min
Response: 6644291
Conc: 59.76 ug/ml



#18 n-Dotriacontane (C32)

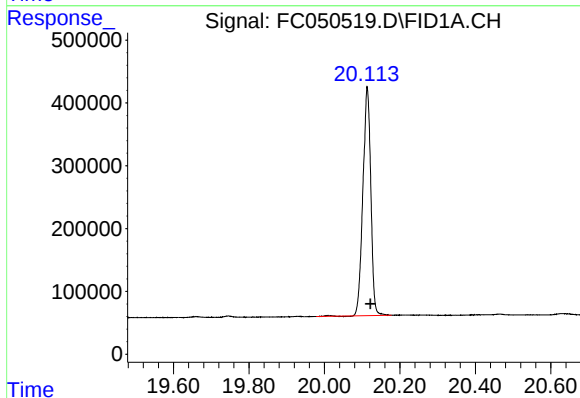
R.T.: 18.595 min
Delta R.T.: -0.006 min
Response: 6345113
Conc: 61.50 ug/ml



#19 n-Tetratriacontane (C34)

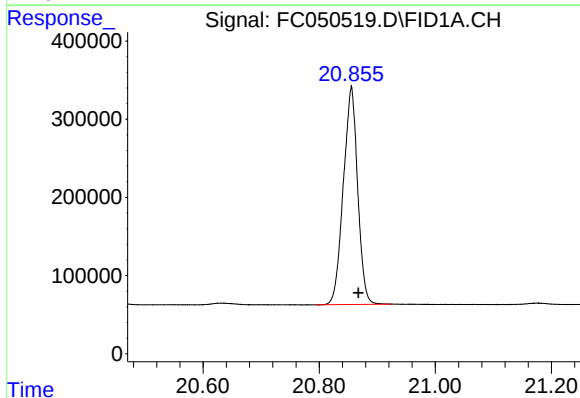
R.T.: 19.376 min
Delta R.T.: -0.008 min
Response: 5946843
Conc: 61.80 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 1



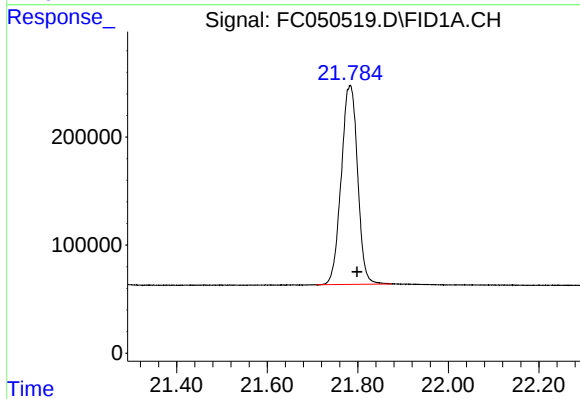
#20 n-Hexatriacontane (C36)

R.T.: 20.114 min
Delta R.T.: -0.008 min
Response: 5301698
Conc: 59.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min
Delta R.T.: -0.012 min
Response: 4772355
Conc: 57.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.783 min
Delta R.T.: -0.016 min
Response: 4617627
Conc: 55.18 ug/ml