

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052833.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2021 8:09
 Operator : DD\AJ
 Sample : FCS CHECKS SOL 3
 Misc : LOT#M02142C2 E3060
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 09:33:42 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			
12) S 1-chlorooctadecane (S...	13.002	2726093	25.275 ug/ml
Spiked Amount 50.000		Recovery =	50.55%
Target Compounds			
1) T n-Nonane (C9)	3.318	2478140	21.336 ug/ml
2) T n-Decane (C10)	4.385	3199317	27.301 ug/ml
4) T n-Dodecane (C12)	6.406	4090828	34.072 ug/ml
6) T n-Tetradecane (C14)	8.204	4405787	36.428 ug/ml
7) T n-Hexadecane (C16)	9.806	4674502	38.867 ug/ml
8) T n-Octadecane (C18)	11.249	4895175	38.798 ug/ml
10) T n-Eicosane (C20)	12.558	4696819	36.782 ug/ml
11) T n-Heneicosane (C21)	13.169	4637111	36.482 ug/ml
13) T n-Docosane (C22)	13.756	4511989	35.617 ug/ml
14) T n-Tetracosane (C24)	14.858	4341121	34.751 ug/ml
15) T n-Hexacosane (C26)	15.879	4039908	33.551 ug/ml
16) T n-Octacosane (C28)	16.828	3958525	34.334 ug/ml
17) T n-Tricontane (C30)	17.715	3860922	35.438 ug/ml
18) T n-Dotriacontane (C32)	18.547	3842895	38.299 ug/ml
19) T n-Tetratriacontane (C34)	19.331	3900997	42.439 ug/ml
20) T n-Hexatriacontane (C36)	20.070	4005974	43.931 ug/ml
21) T n-Octatriacontane (C38)	20.803	4065735	49.816 ug/ml
22) T n-Tetracontane (C40)	21.707	4420139	51.314 ug/ml

(f)=RT Delta > 1/2 Window

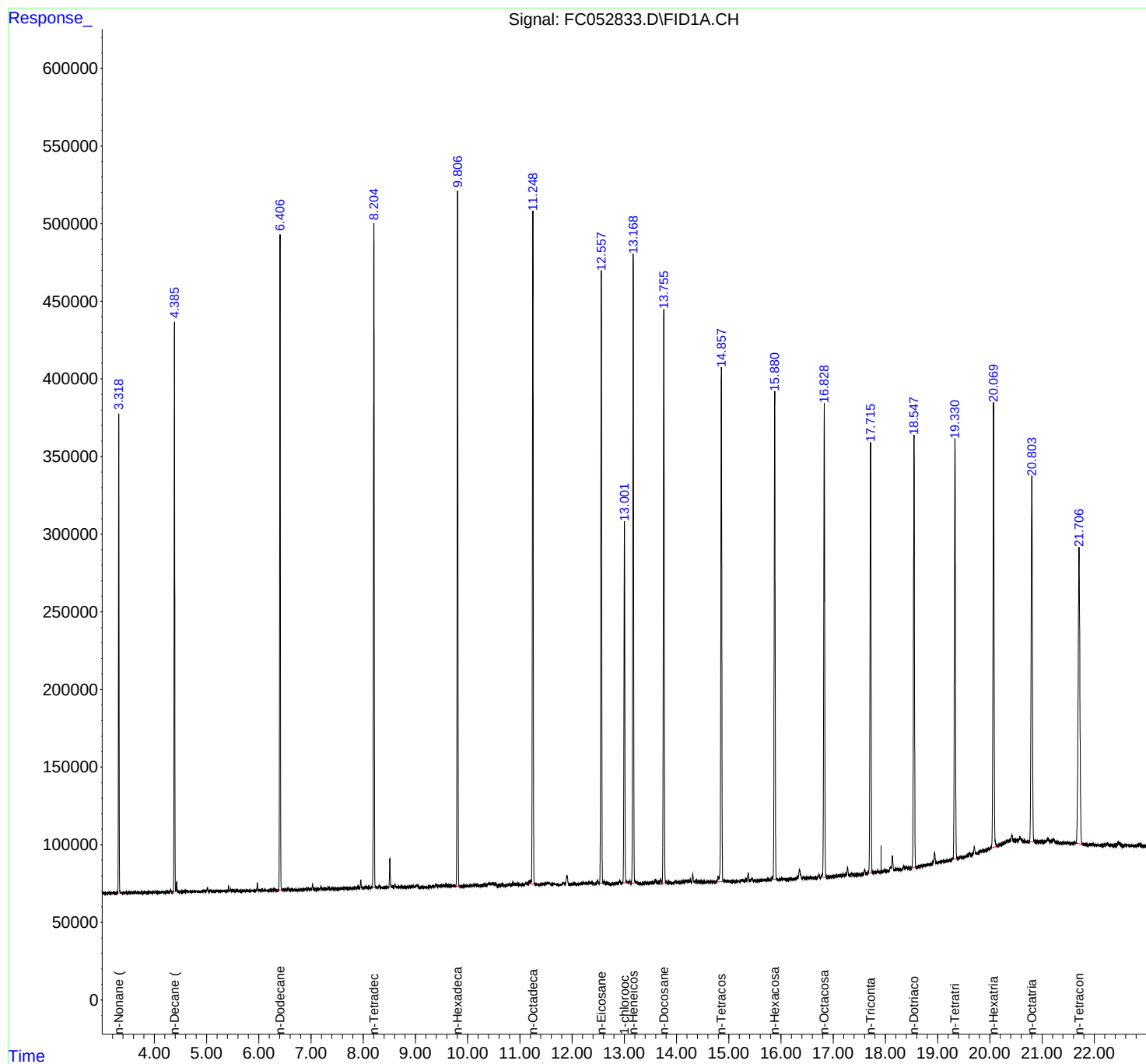
(m)=manual int.

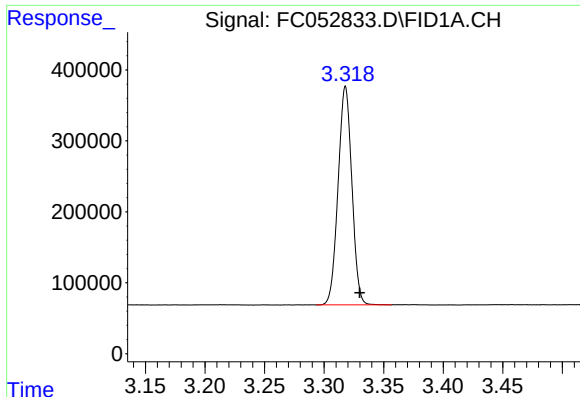
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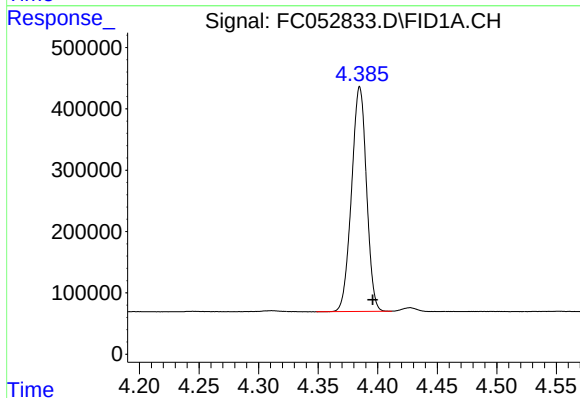




#1 n-Nonane (C9)

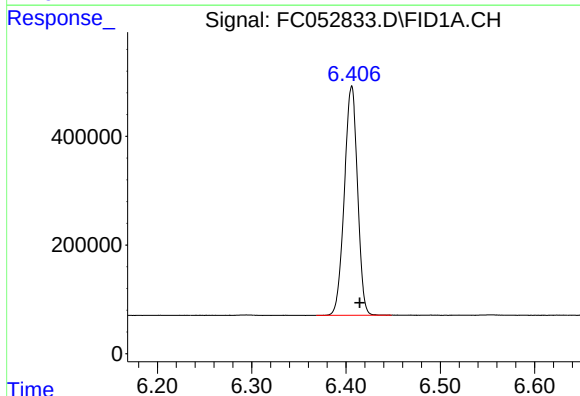
R.T.: 3.318 min
Delta R.T.: -0.012 min
Response: 2478140
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :



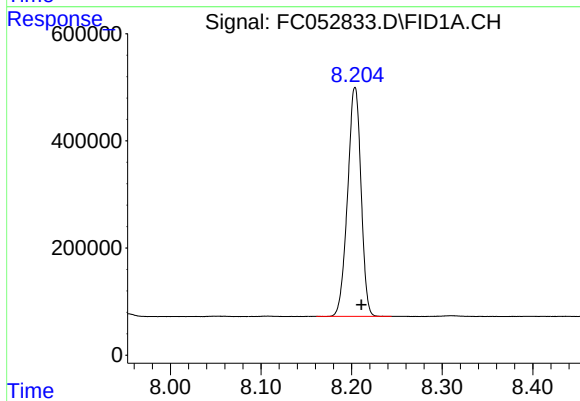
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.011 min
Response: 3199317
Conc: 27.30 ug/ml



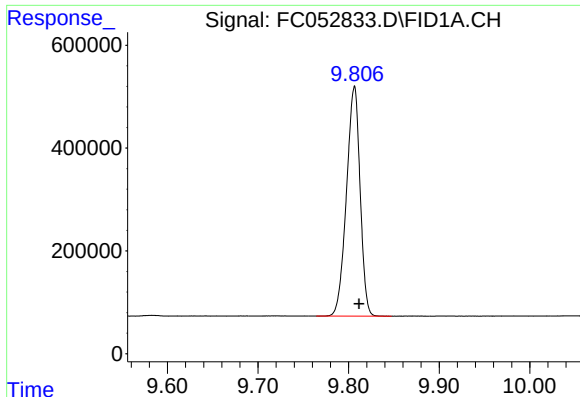
#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: -0.009 min
Response: 4090828
Conc: 34.07 ug/ml



#6 n-Tetradecane (C14)

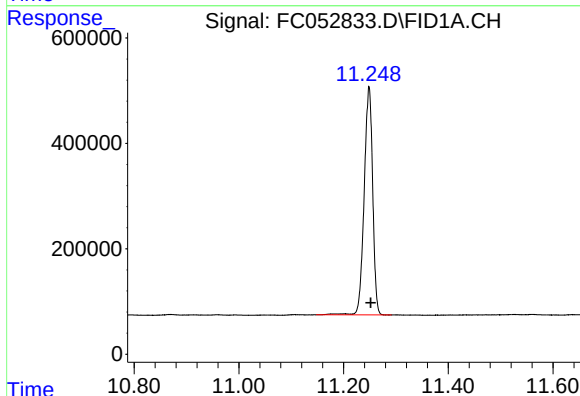
R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 4405787
Conc: 36.43 ug/ml



#7 n-Hexadecane (C16)

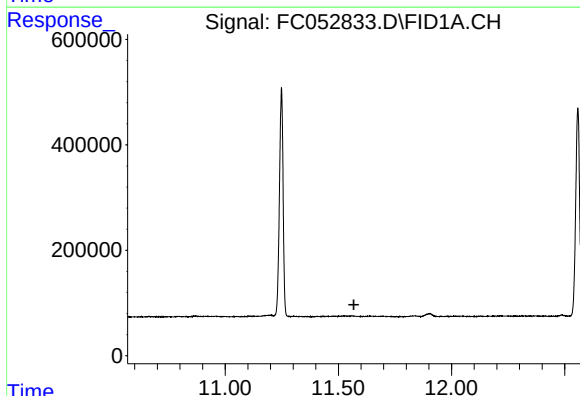
R.T.: 9.806 min
Delta R.T.: -0.005 min
Response: 4674502
Conc: 38.87 ug/ml

Instrument :
FID_C
ClientSampleId :



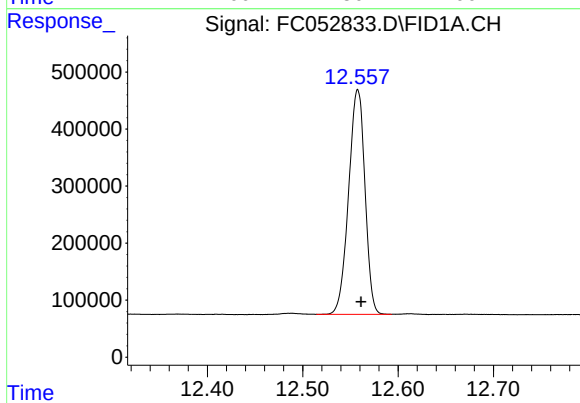
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 4895175
Conc: 38.80 ug/ml



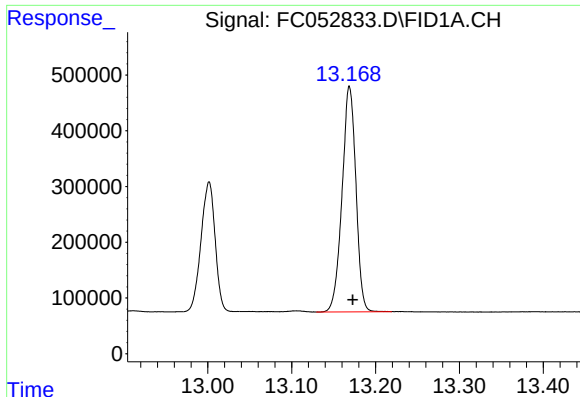
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

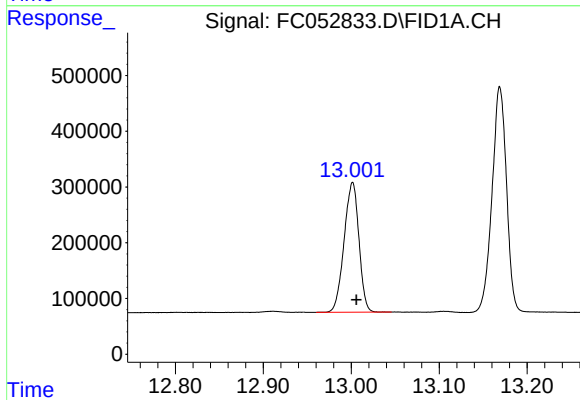
R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 4696819
Conc: 36.78 ug/ml



#11 n-Heneicosane (C21)

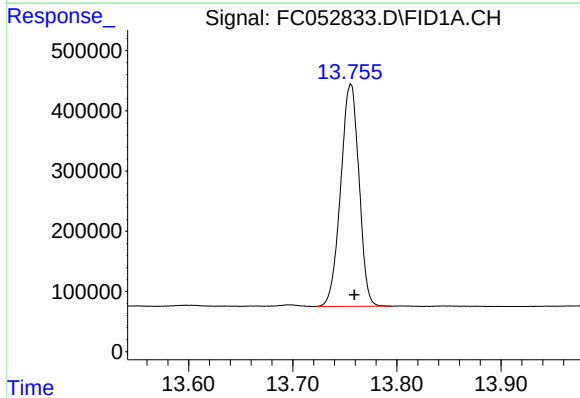
R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 4637111
Conc: 36.48 ug/ml

Instrument :
FID_C
ClientSampleId :



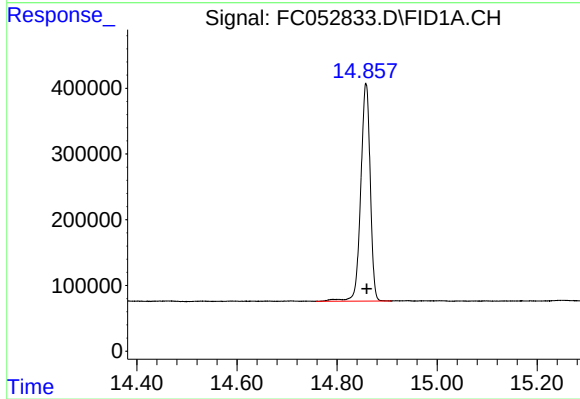
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.004 min
Response: 2726093
Conc: 25.27 ug/ml



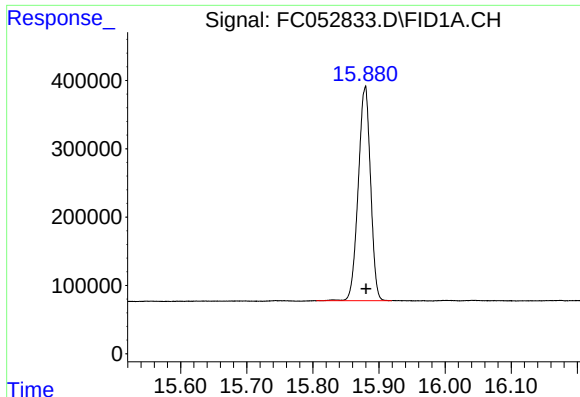
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.004 min
Response: 4511989
Conc: 35.62 ug/ml



#14 n-Tetracosane (C24)

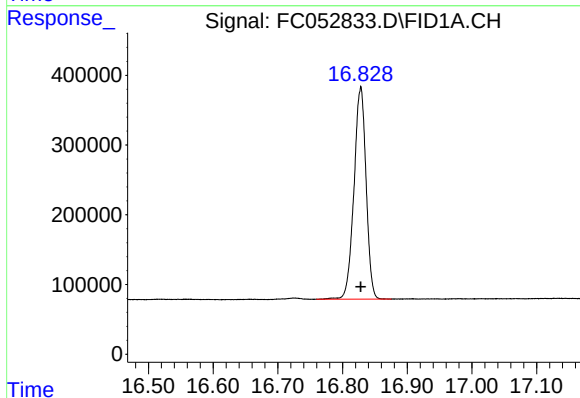
R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 4341121
Conc: 34.75 ug/ml



#15 n-Hexacosane (C26)

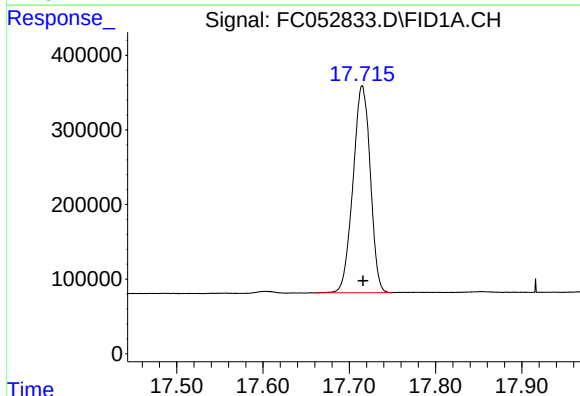
R.T.: 15.879 min
Delta R.T.: -0.001 min
Response: 4039908
Conc: 33.55 ug/ml

Instrument :
FID_C
ClientSampleId :



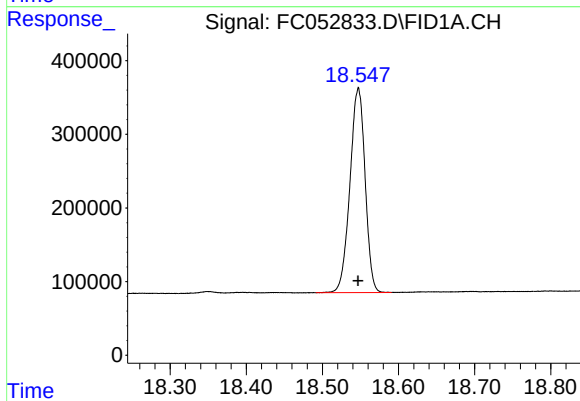
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 3958525
Conc: 34.33 ug/ml



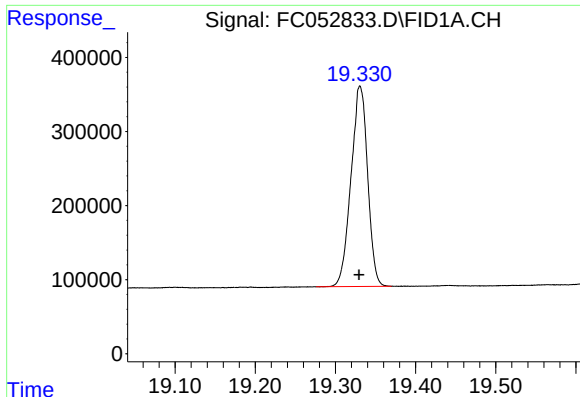
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 3860922
Conc: 35.44 ug/ml



#18 n-Dotriacontane (C32)

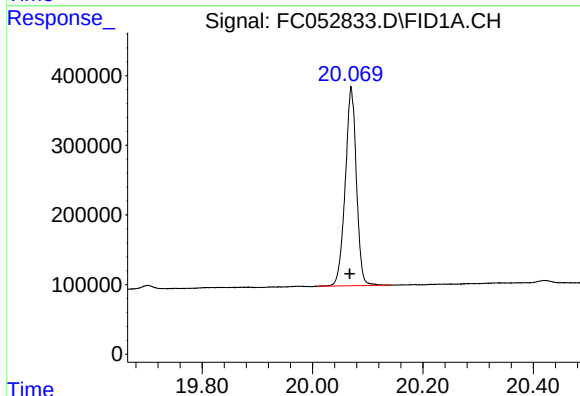
R.T.: 18.547 min
Delta R.T.: 0.000 min
Response: 3842895
Conc: 38.30 ug/ml



#19 n-Tetratriacontane (C34)

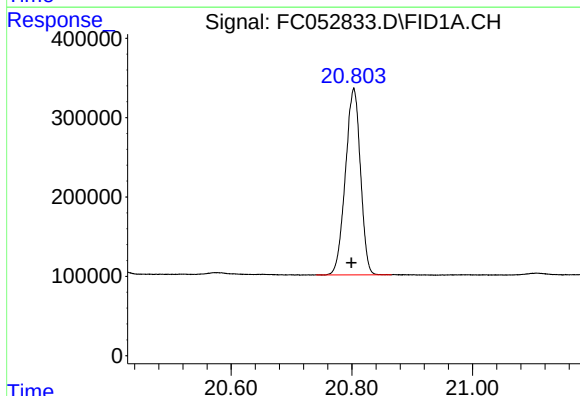
R.T.: 19.331 min
Delta R.T.: 0.001 min
Response: 3900997
Conc: 42.44 ug/ml

Instrument :
FID_C
ClientSampleId :



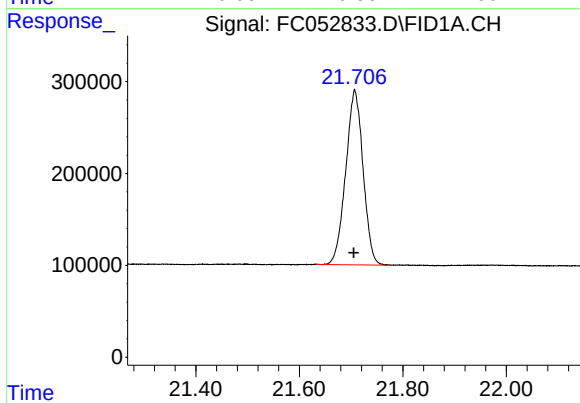
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.002 min
Response: 4005974
Conc: 43.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.004 min
Response: 4065735
Conc: 49.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.002 min
Response: 4420139
Conc: 51.31 ug/ml