

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110320AL\
 Data File : FC050522.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2020 16:00
 Operator : DD\AJ
 Sample : FCS CHECK SOL 4
 Misc : LOT# E2971
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 4

Integration File: autoint1.e
 Quant Time: Nov 04 01:39:40 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...	13.051	3413381	35.353 ug/ml
Spiked Amount 50.000		Recovery =	70.71%
Target Compounds			
1) T n-Nonane (C9)	3.368	3511424	33.001 ug/ml
2) T n-Decane (C10)	4.438	4418359	41.545 ug/ml
4) T n-Dodecane (C12)	6.458	5123981	47.259 ug/ml
6) T n-Tetradecane (C14)	8.254	5421294	50.262 ug/ml
7) T n-Hexadecane (C16)	9.857	5655146	53.124 ug/ml
8) T n-Octadecane (C18)	11.298	5929267	52.710 ug/ml
10) T n-Eicosane (C20)	12.607	5974595	52.347 ug/ml
11) T n-Heneicosane (C21)	13.219	6030999	52.866 ug/ml
13) T n-Docosane (C22)	13.805	6061988	53.118 ug/ml
14) T n-Tetracosane (C24)	14.907	6097517	53.393 ug/ml
15) T n-Hexacosane (C26)	15.927	6004522	52.958 ug/ml
16) T n-Octacosane (C28)	16.876	5992077	52.808 ug/ml
17) T n-Tricontane (C30)	17.762	5813386	52.287 ug/ml
18) T n-Dotriacontane (C32)	18.593	5531143	53.614 ug/ml
19) T n-Tetratriacontane (C34)	19.374	5185730	53.893 ug/ml
20) T n-Hexatriacontane (C36)	20.112	4610514	51.318 ug/ml
21) T n-Octatriacontane (C38)	20.854	4165662	50.100 ug/ml
22) T n-Tetracontane (C40)	21.782	4020063	48.040 ug/ml

(f)=RT Delta > 1/2 Window

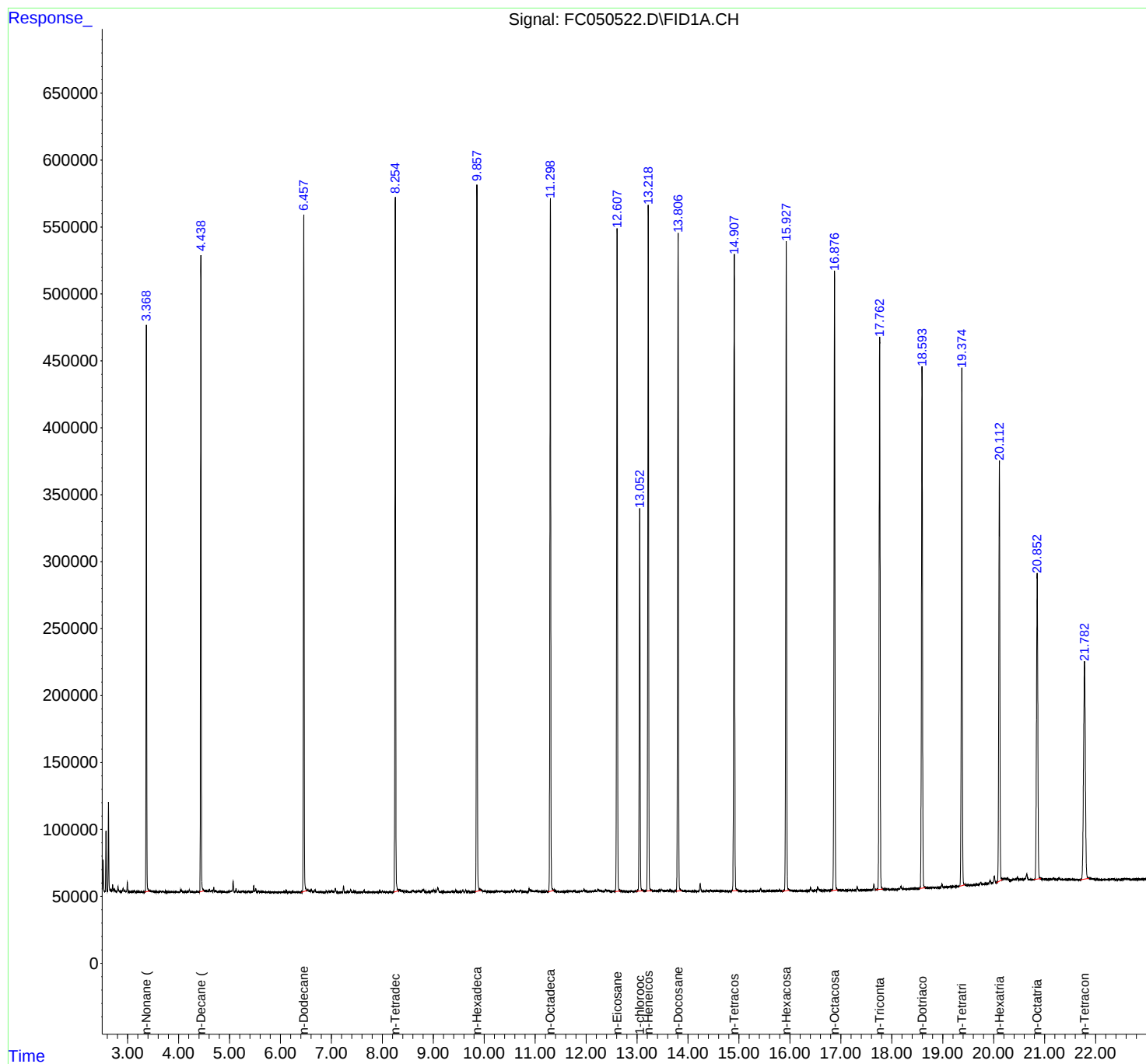
(m)=manual int.

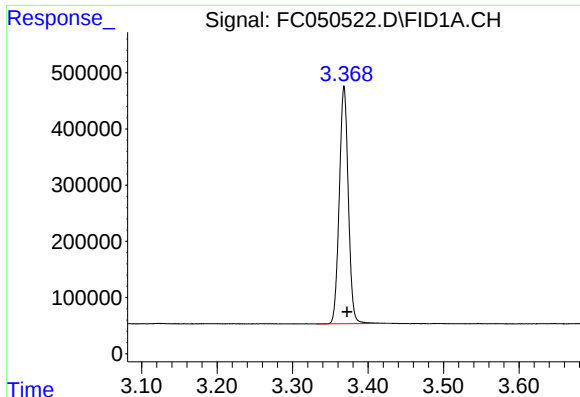
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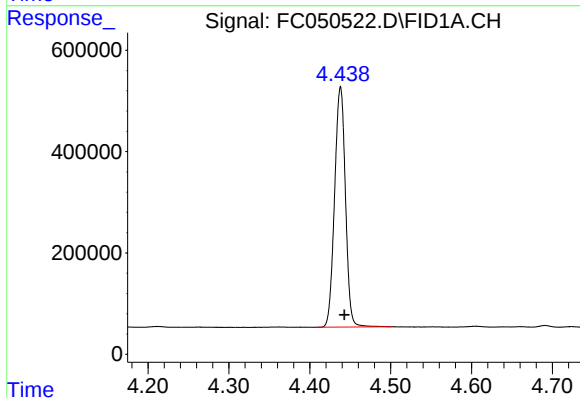




#1 n-Nonane (C9)

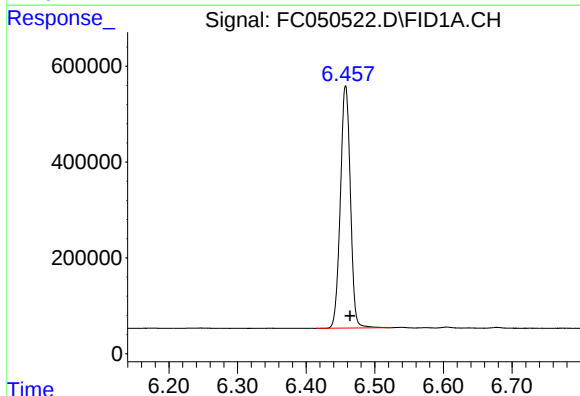
R.T.: 3.368 min
Delta R.T.: -0.004 min
Response: 3511424
Conc: 33.00 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



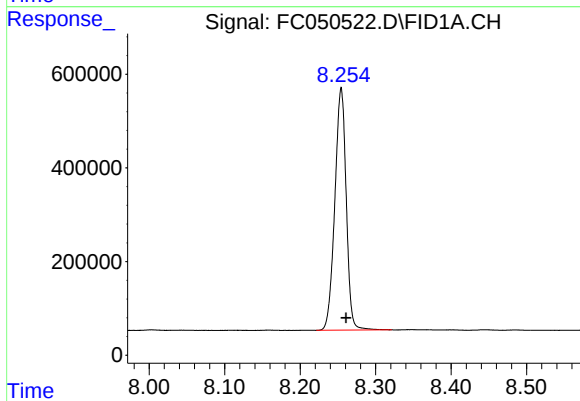
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.005 min
Response: 4418359
Conc: 41.54 ug/ml



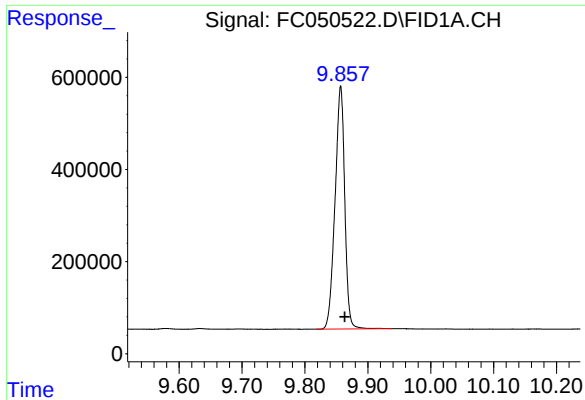
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 5123981
Conc: 47.26 ug/ml



#6 n-Tetradecane (C14)

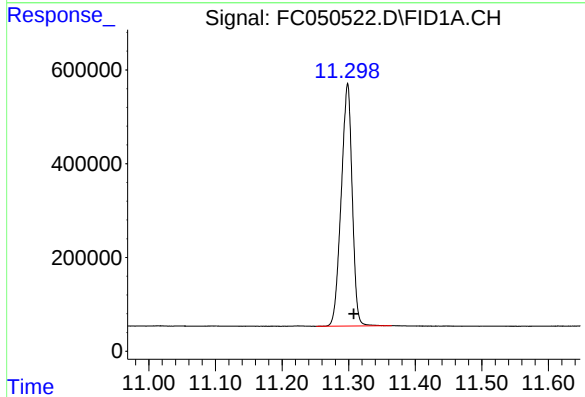
R.T.: 8.254 min
Delta R.T.: -0.007 min
Response: 5421294
Conc: 50.26 ug/ml



#7 n-Hexadecane (C16)

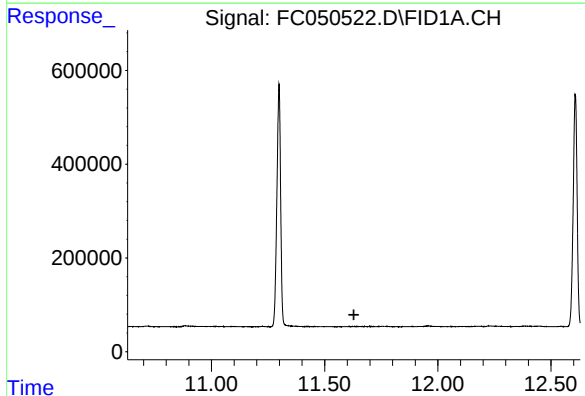
R.T.: 9.857 min
Delta R.T.: -0.006 min
Response: 5655146
Conc: 53.12 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



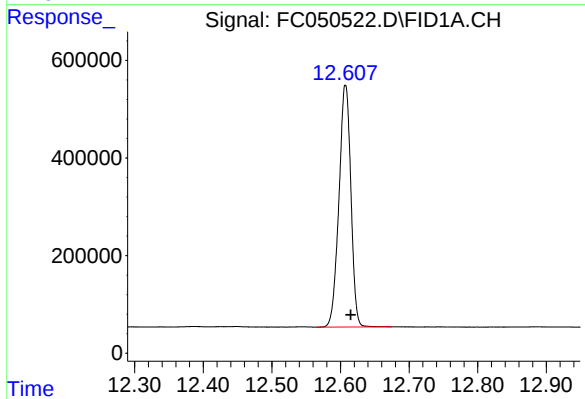
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.010 min
Response: 5929267
Conc: 52.71 ug/ml



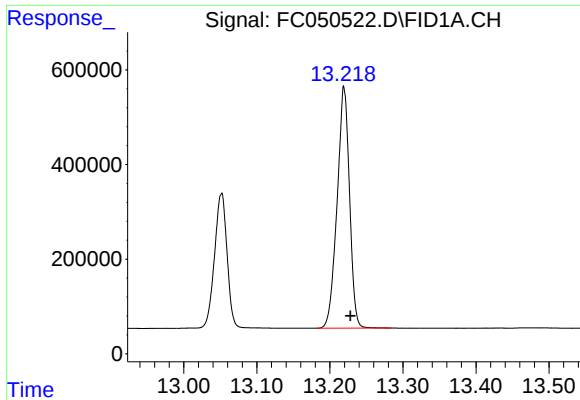
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

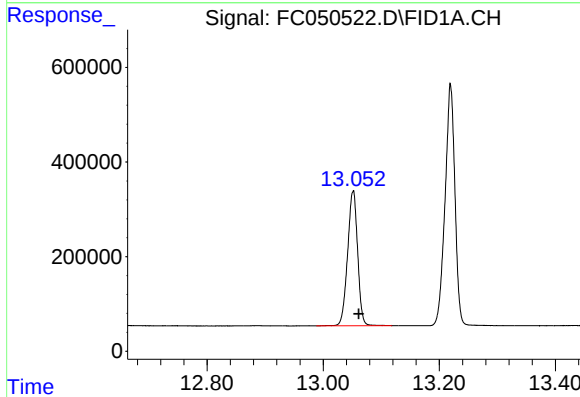
R.T.: 12.607 min
Delta R.T.: -0.008 min
Response: 5974595
Conc: 52.35 ug/ml



#11 n-Heneicosane (C21)

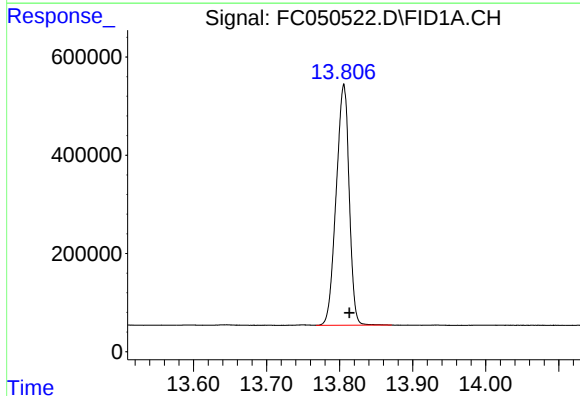
R.T.: 13.219 min
Delta R.T.: -0.009 min
Response: 6030999
Conc: 52.87 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



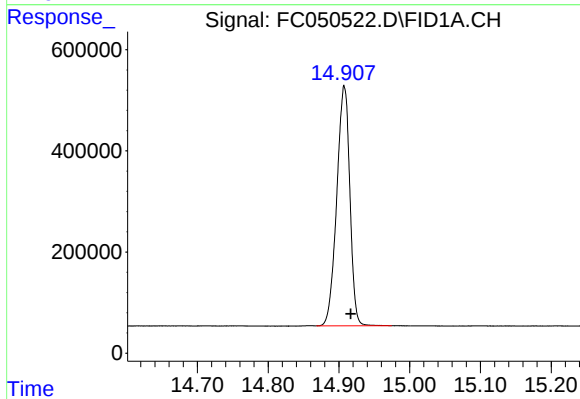
#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: -0.010 min
Response: 3413381
Conc: 35.35 ug/ml



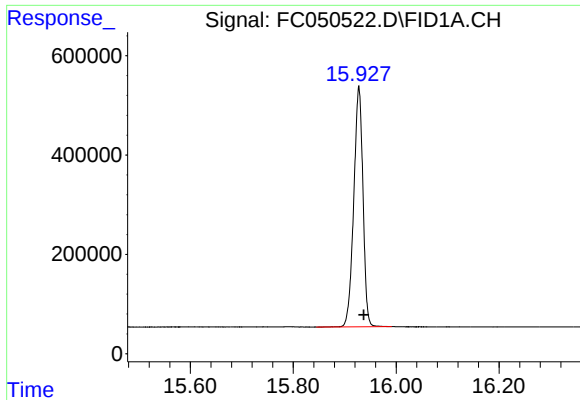
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.008 min
Response: 6061988
Conc: 53.12 ug/ml



#14 n-Tetracosane (C24)

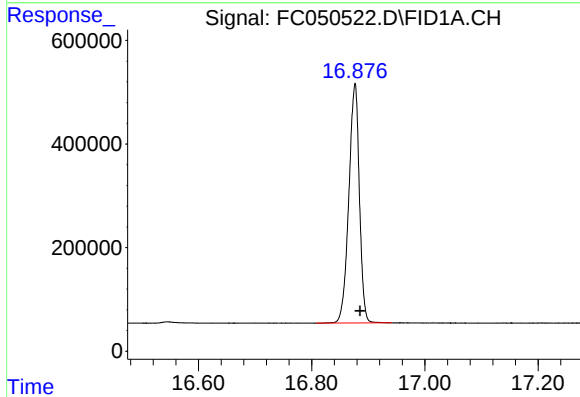
R.T.: 14.907 min
Delta R.T.: -0.009 min
Response: 6097517
Conc: 53.39 ug/ml



#15 n-Hexacosane (C26)

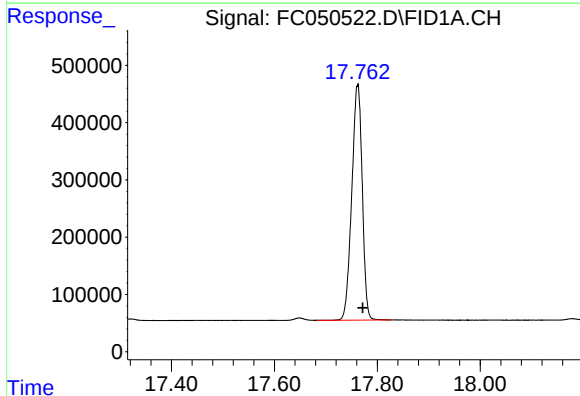
R.T.: 15.927 min
Delta R.T.: -0.009 min
Response: 6004522
Conc: 52.96 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



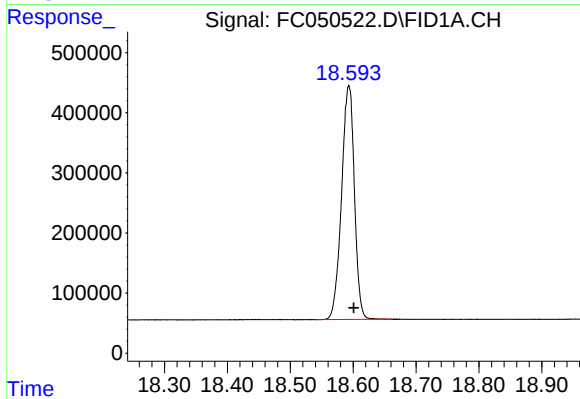
#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.009 min
Response: 5992077
Conc: 52.81 ug/ml



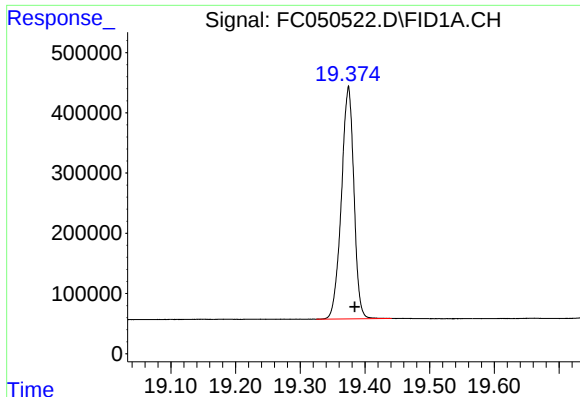
#17 n-Tricontane (C30)

R.T.: 17.762 min
Delta R.T.: -0.010 min
Response: 5813386
Conc: 52.29 ug/ml



#18 n-Dotriacontane (C32)

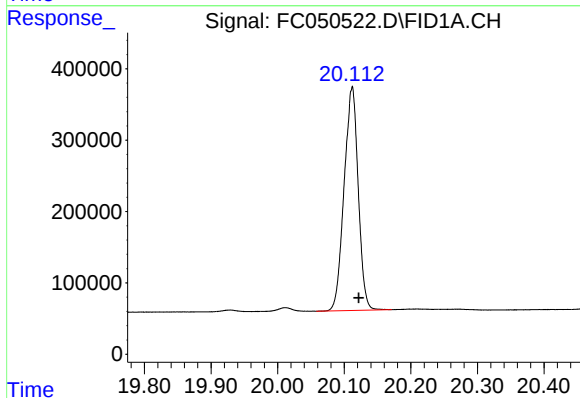
R.T.: 18.593 min
Delta R.T.: -0.008 min
Response: 5531143
Conc: 53.61 ug/ml



#19 n-Tetratriacontane (C34)

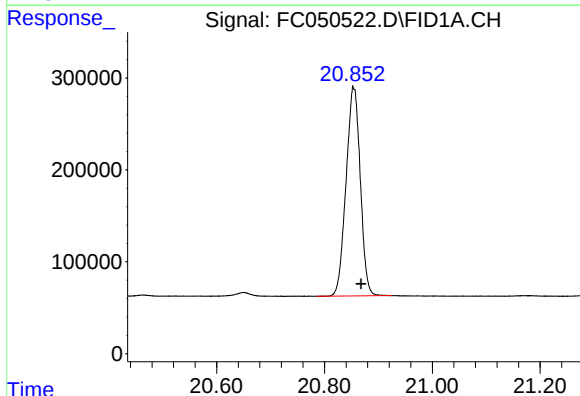
R.T.: 19.374 min
Delta R.T.: -0.010 min
Response: 5185730
Conc: 53.89 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



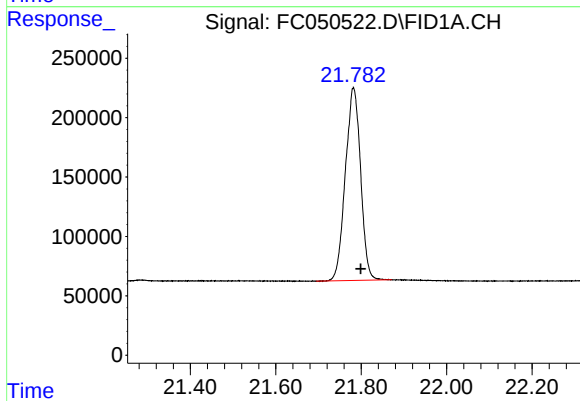
#20 n-Hexatriacontane (C36)

R.T.: 20.112 min
Delta R.T.: -0.010 min
Response: 4610514
Conc: 51.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.854 min
Delta R.T.: -0.014 min
Response: 4165662
Conc: 50.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.782 min
Delta R.T.: -0.017 min
Response: 4020063
Conc: 48.04 ug/ml