

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110320AL\
 Data File : FC050520.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2020 14:44
 Operator : DD\AJ
 Sample : FCS CHECK SOL 2
 Misc : LOT# E2971
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 2

Integration File: autoint1.e
 Quant Time: Nov 04 01:39:07 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	3313094	34.315 ug/ml
Spiked Amount 50.000		Recovery =	68.63%
Target Compounds			
1) T n-Nonane (C9)	3.368	3473247	32.642 ug/ml
2) T n-Decane (C10)	4.437	4350312	40.905 ug/ml
4) T n-Dodecane (C12)	6.457	5042562	46.508 ug/ml
6) T n-Tetradecane (C14)	8.254	5311095	49.241 ug/ml
7) T n-Hexadecane (C16)	9.856	5458869	51.280 ug/ml
8) T n-Octadecane (C18)	11.298	5721272	50.861 ug/ml
10) T n-Eicosane (C20)	12.607	5783032	50.668 ug/ml
11) T n-Heneicosane (C21)	13.219	5850801	51.286 ug/ml
13) T n-Docosane (C22)	13.806	5887718	51.591 ug/ml
14) T n-Tetracosane (C24)	14.907	5951600	52.115 ug/ml
15) T n-Hexacosane (C26)	15.927	5920966	52.221 ug/ml
16) T n-Octacosane (C28)	16.875	5949575	52.433 ug/ml
17) T n-Tricontane (C30)	17.762	5825917	52.400 ug/ml
18) T n-Dotriacontane (C32)	18.592	5554784	53.844 ug/ml
19) T n-Tetratriacontane (C34)	19.375	5210636	54.152 ug/ml
20) T n-Hexatriacontane (C36)	20.114	4581659	50.996 ug/ml
21) T n-Octatriacontane (C38)	20.855	4124512	49.605 ug/ml
22) T n-Tetracontane (C40)	21.784	3943096	47.120 ug/ml

(f)=RT Delta > 1/2 Window

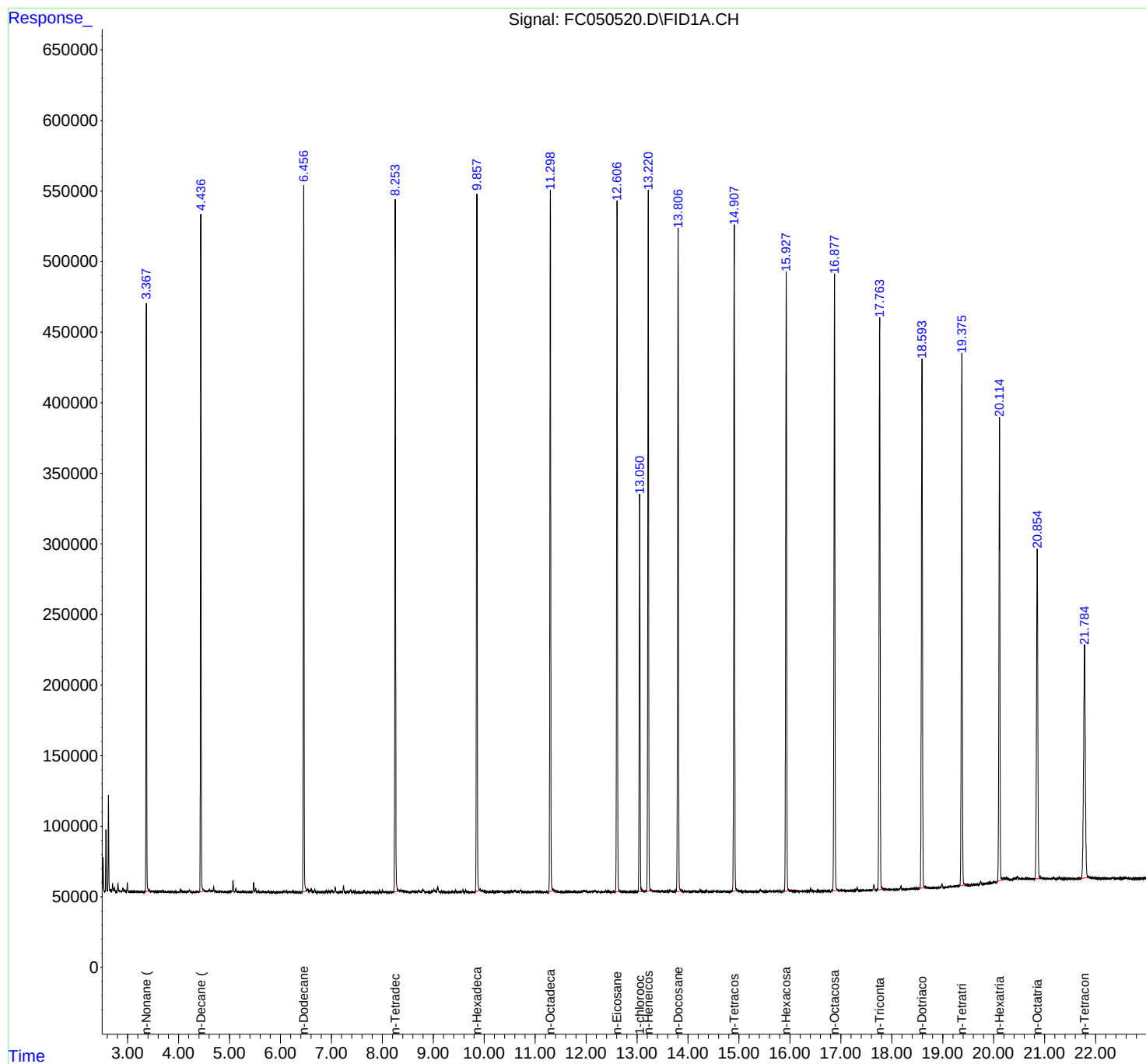
(m)=manual int.

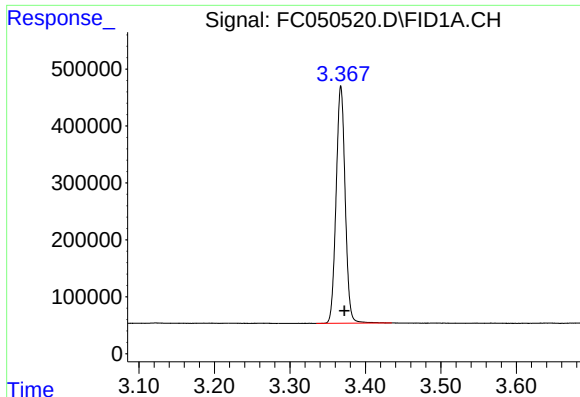
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110320AL\
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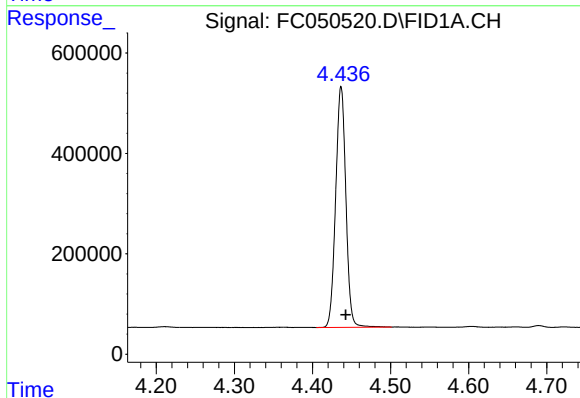




#1 n-Nonane (C9)

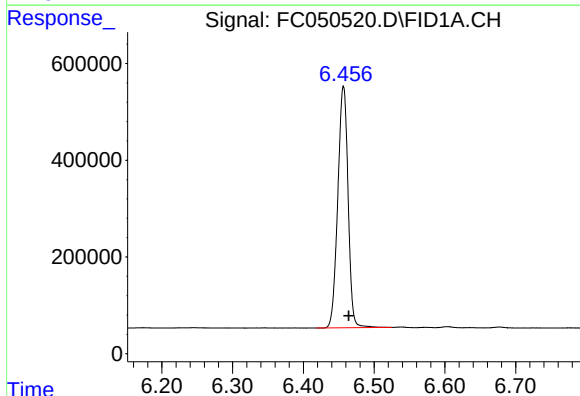
R.T.: 3.368 min
Delta R.T.: -0.004 min
Response: 3473247
Conc: 32.64 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



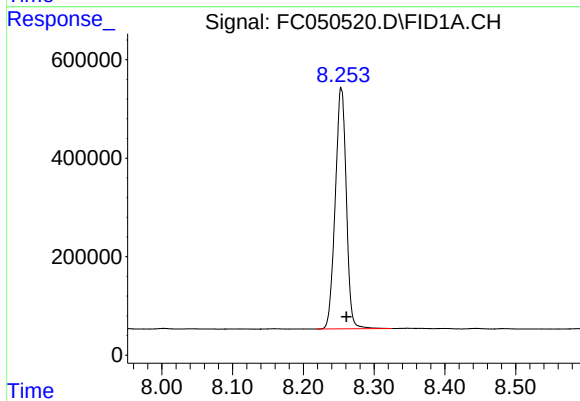
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.006 min
Response: 4350312
Conc: 40.91 ug/ml



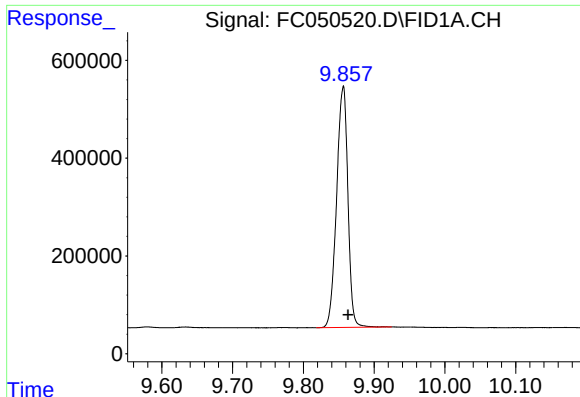
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 5042562
Conc: 46.51 ug/ml



#6 n-Tetradecane (C14)

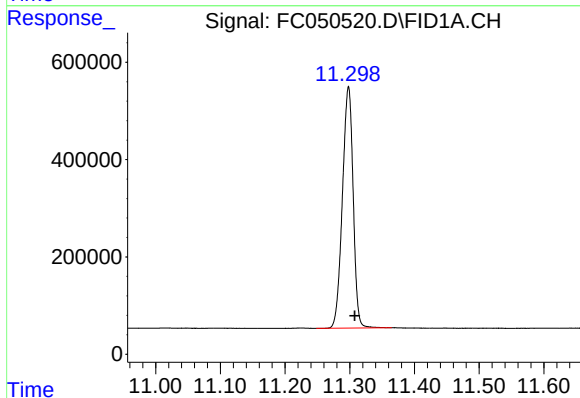
R.T.: 8.254 min
Delta R.T.: -0.007 min
Response: 5311095
Conc: 49.24 ug/ml



#7 n-Hexadecane (C16)

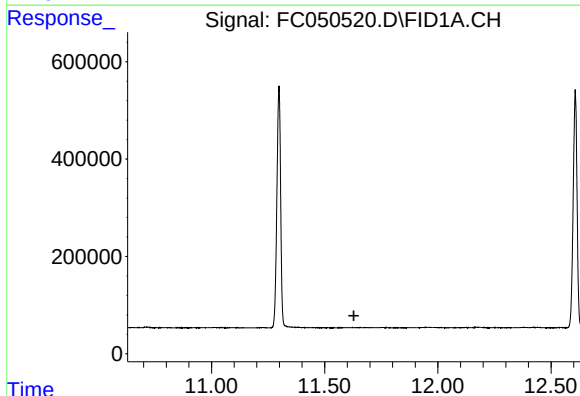
R.T.: 9.856 min
Delta R.T.: -0.007 min
Response: 5458869
Conc: 51.28 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



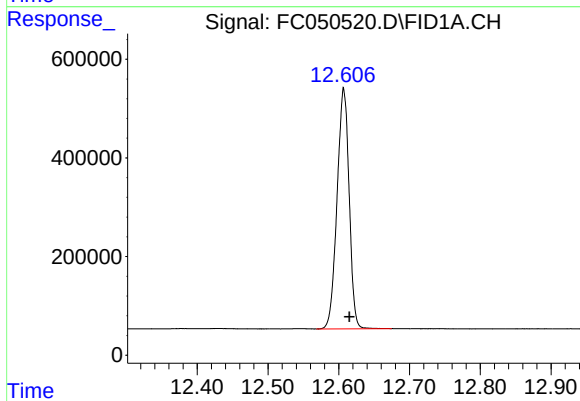
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.010 min
Response: 5721272
Conc: 50.86 ug/ml



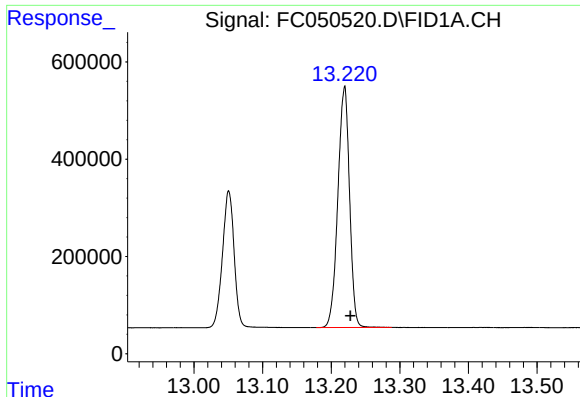
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

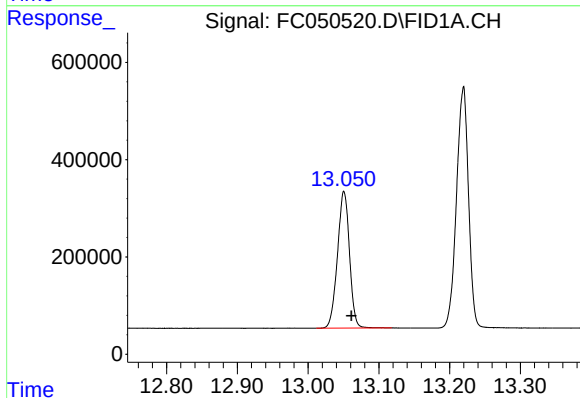
R.T.: 12.607 min
Delta R.T.: -0.008 min
Response: 5783032
Conc: 50.67 ug/ml



#11 n-Heneicosane (C21)

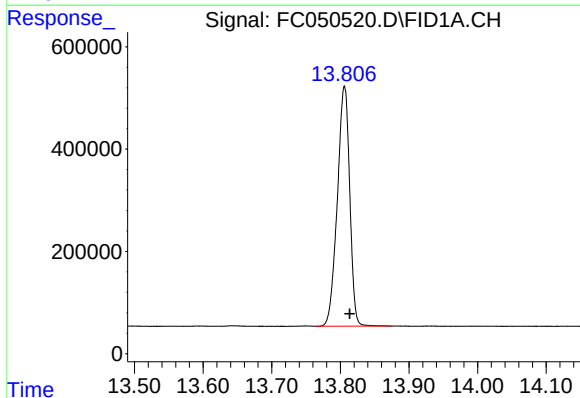
R.T.: 13.219 min
Delta R.T.: -0.009 min
Response: 5850801
Conc: 51.29 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



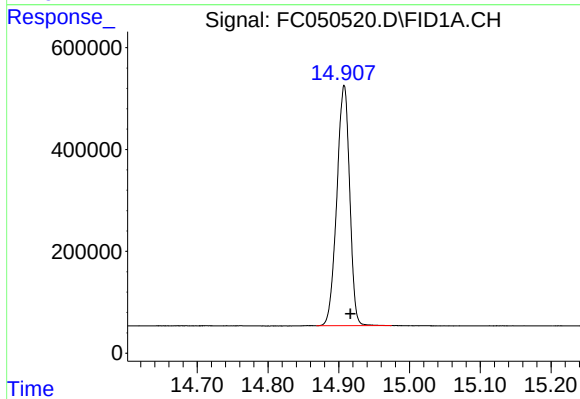
#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: -0.011 min
Response: 3313094
Conc: 34.31 ug/ml



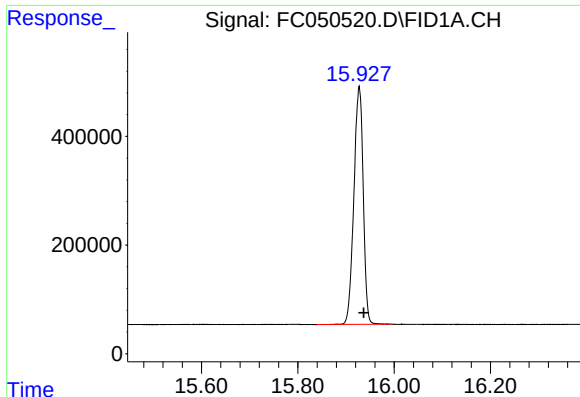
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: -0.008 min
Response: 5887718
Conc: 51.59 ug/ml



#14 n-Tetracosane (C24)

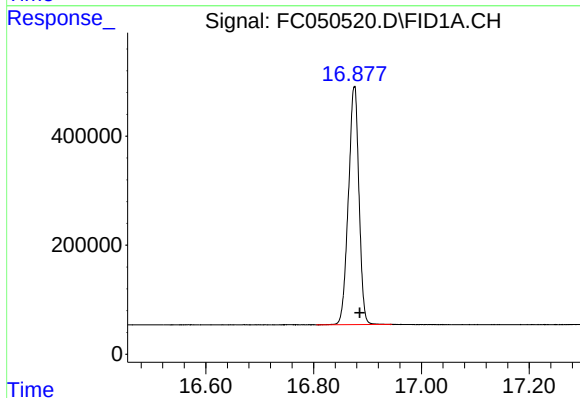
R.T.: 14.907 min
Delta R.T.: -0.009 min
Response: 5951600
Conc: 52.12 ug/ml



#15 n-Hexacosane (C26)

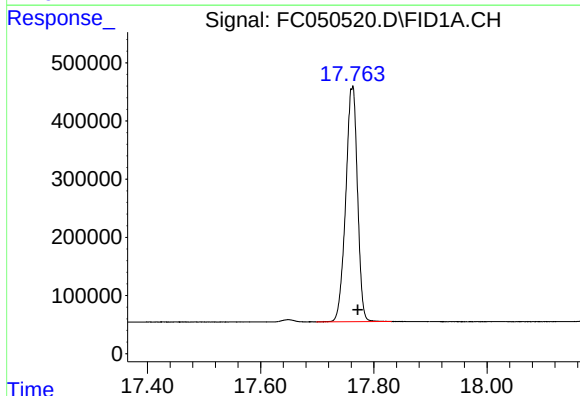
R.T.: 15.927 min
Delta R.T.: -0.009 min
Response: 5920966
Conc: 52.22 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



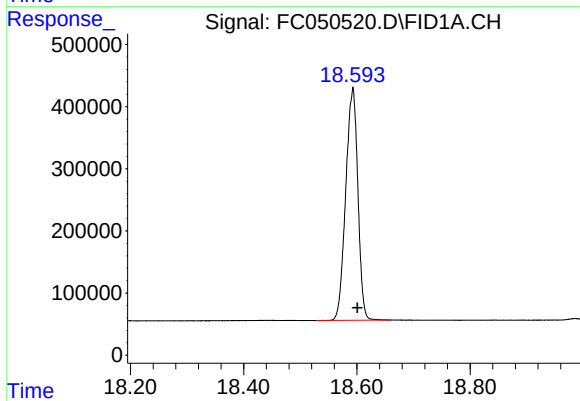
#16 n-Octacosane (C28)

R.T.: 16.875 min
Delta R.T.: -0.010 min
Response: 5949575
Conc: 52.43 ug/ml



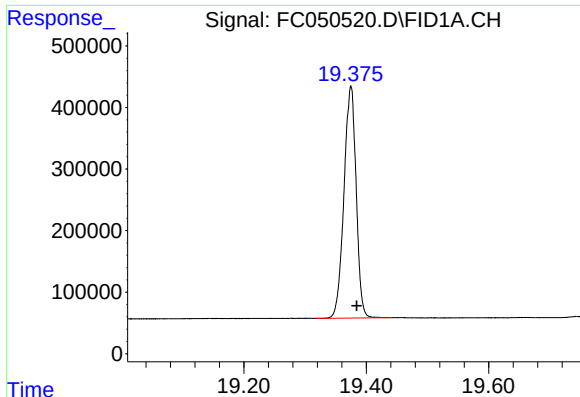
#17 n-Tricontane (C30)

R.T.: 17.762 min
Delta R.T.: -0.010 min
Response: 5825917
Conc: 52.40 ug/ml



#18 n-Dotriacontane (C32)

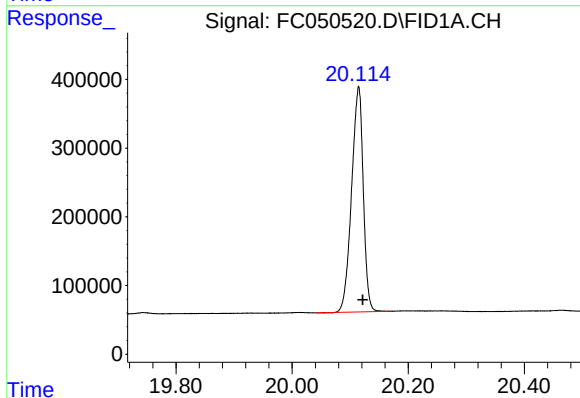
R.T.: 18.592 min
Delta R.T.: -0.009 min
Response: 5554784
Conc: 53.84 ug/ml



#19 n-Tetratriacontane (C34)

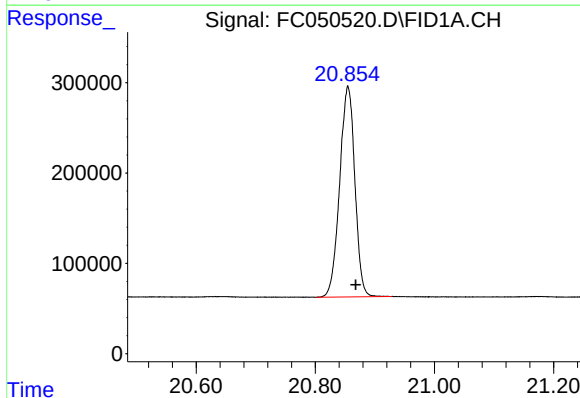
R.T.: 19.375 min
Delta R.T.: -0.010 min
Response: 5210636
Conc: 54.15 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 2



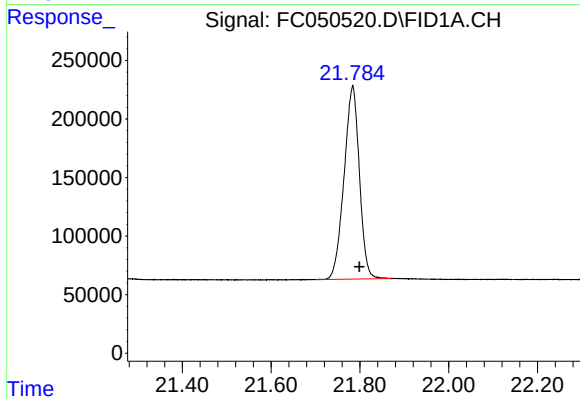
#20 n-Hexatriacontane (C36)

R.T.: 20.114 min
Delta R.T.: -0.008 min
Response: 4581659
Conc: 51.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min
Delta R.T.: -0.013 min
Response: 4124512
Conc: 49.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: -0.015 min
Response: 3943096
Conc: 47.12 ug/ml