

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052830.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2021 20:56
 Operator : DD\AJ
 Sample : FCS CHECKS SOL 2
 Misc : LOT#M02142C2 E3060
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECKS SOL 2

Integration File: autoint1.e
 Quant Time: Mar 30 01:03:05 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...	13.000	2636689	24.446 ug/ml
Spiked Amount 50.000		Recovery =	48.89%
Target Compounds			
1) T n-Nonane (C9)	3.320	2408383	20.735 ug/ml
2) T n-Decane (C10)	4.387	3091092	26.378 ug/ml
4) T n-Dodecane (C12)	6.407	3960291	32.984 ug/ml
6) T n-Tetradecane (C14)	8.204	4269466	35.301 ug/ml
7) T n-Hexadecane (C16)	9.805	4526087	37.633 ug/ml
8) T n-Octadecane (C18)	11.248	4669684	37.011 ug/ml
10) T n-Eicosane (C20)	12.557	4470436	35.009 ug/ml
11) T n-Heneicosane (C21)	13.168	4378712	34.449 ug/ml
13) T n-Docosane (C22)	13.754	4270636	33.712 ug/ml
14) T n-Tetracosane (C24)	14.857	4079380	32.656 ug/ml
15) T n-Hexacosane (C26)	15.877	3861541	32.069 ug/ml
16) T n-Octacosane (C28)	16.827	3783242	32.814 ug/ml
17) T n-Tricontane (C30)	17.714	3732225	34.256 ug/ml
18) T n-Dotriacontane (C32)	18.546	3685151	36.727 ug/ml
19) T n-Tetratriacontane (C34)	19.329	3773379	41.051 ug/ml
20) T n-Hexatriacontane (C36)	20.068	3861135	42.343 ug/ml
21) T n-Octatriacontane (C38)	20.801	3937354	48.243 ug/ml
22) T n-Tetracontane (C40)	21.706	4234757	49.161 ug/ml

(f)=RT Delta > 1/2 Window

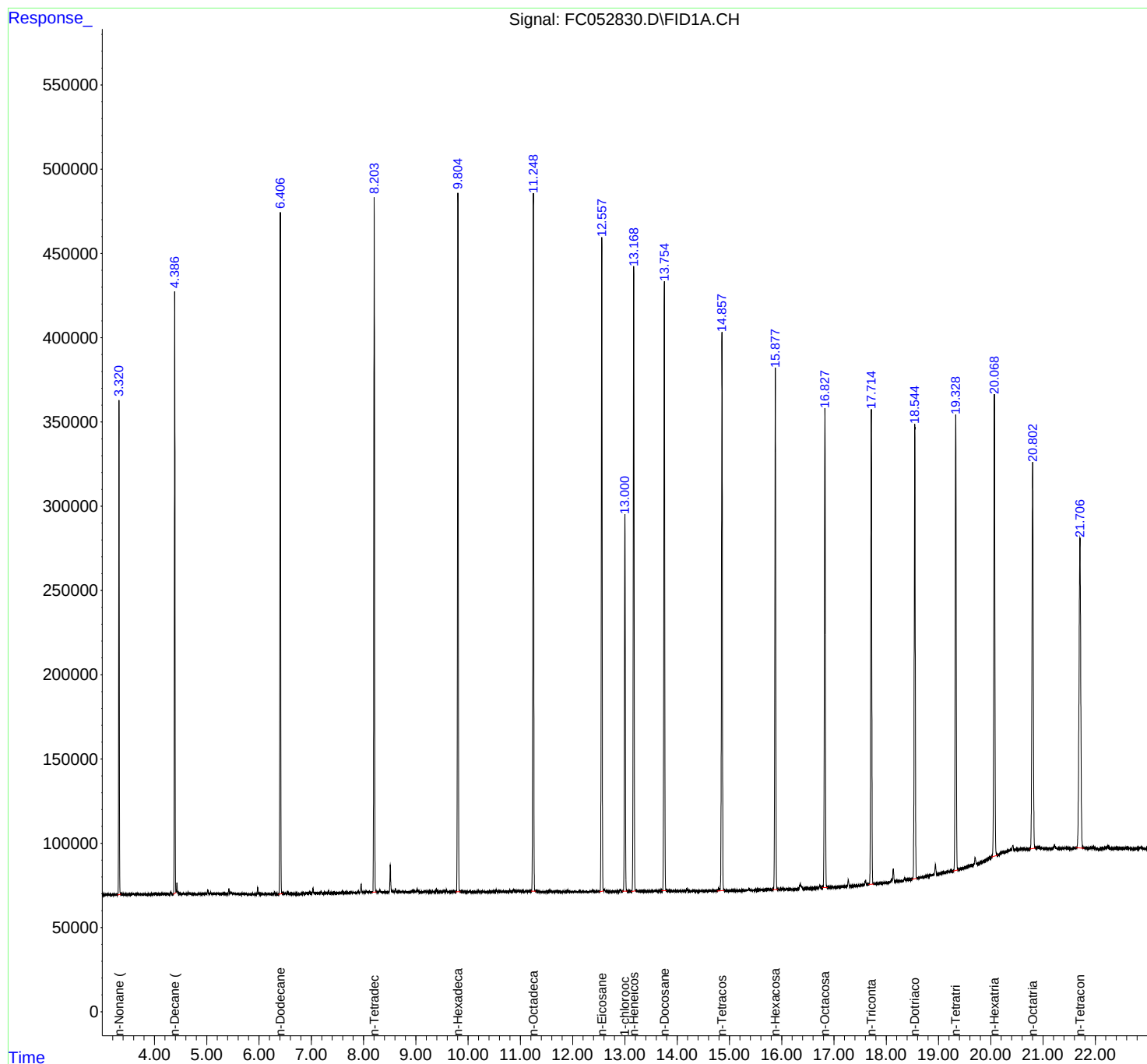
(m)=manual int.

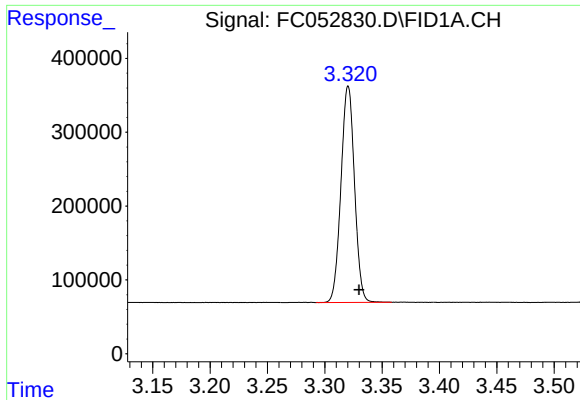
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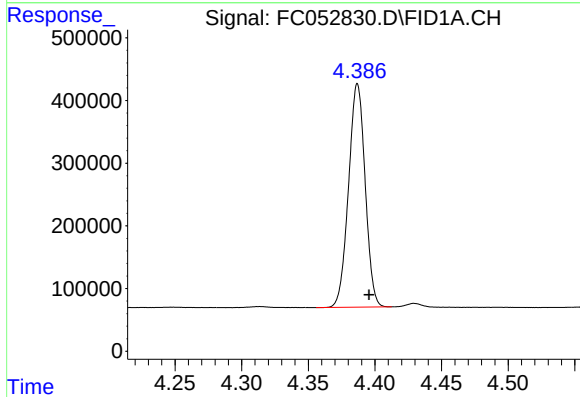




#1 n-Nonane (C9)

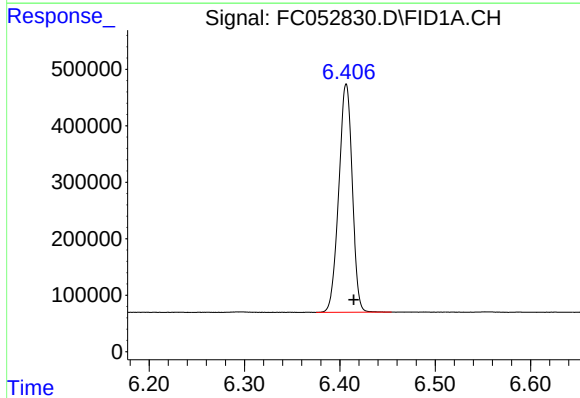
R.T.: 3.320 min
Delta R.T.: -0.010 min
Response: 2408383
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 2



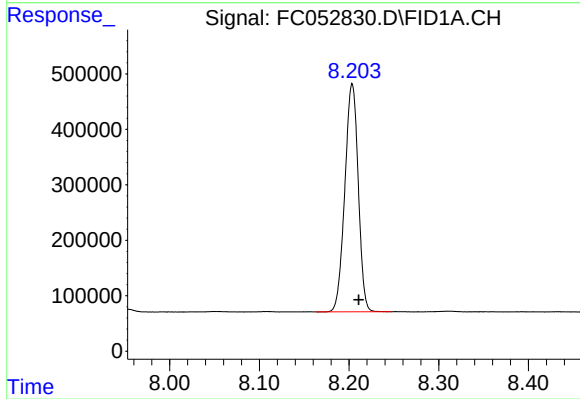
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 3091092
Conc: 26.38 ug/ml



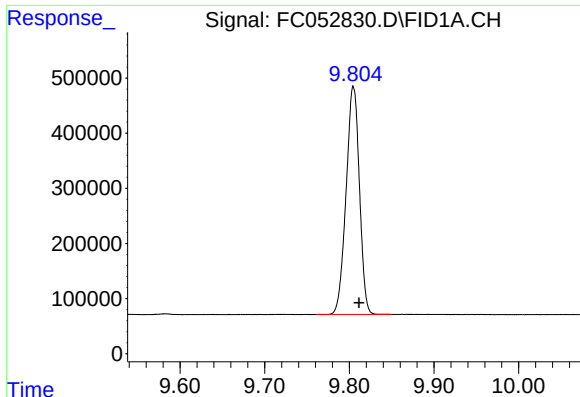
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: -0.008 min
Response: 3960291
Conc: 32.98 ug/ml



#6 n-Tetradecane (C14)

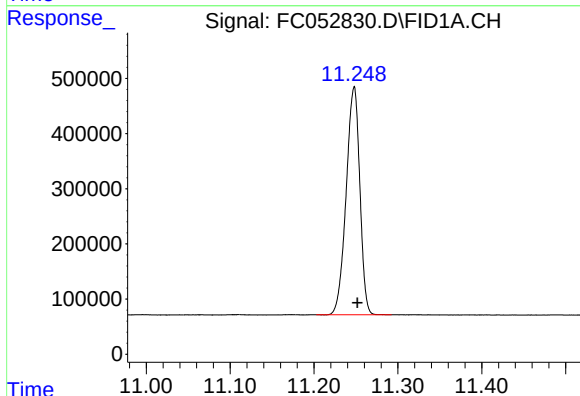
R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 4269466
Conc: 35.30 ug/ml



#7 n-Hexadecane (C16)

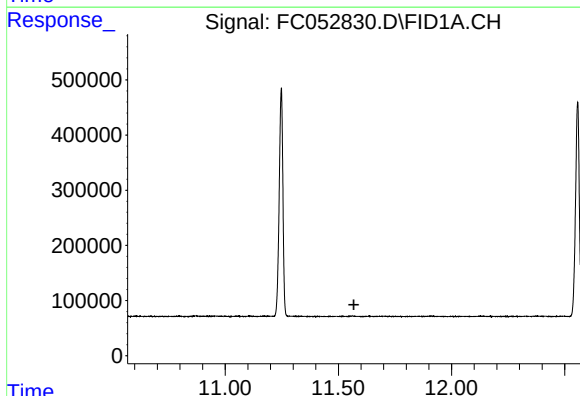
R.T.: 9.805 min
Delta R.T.: -0.007 min
Response: 4526087
Conc: 37.63 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 2



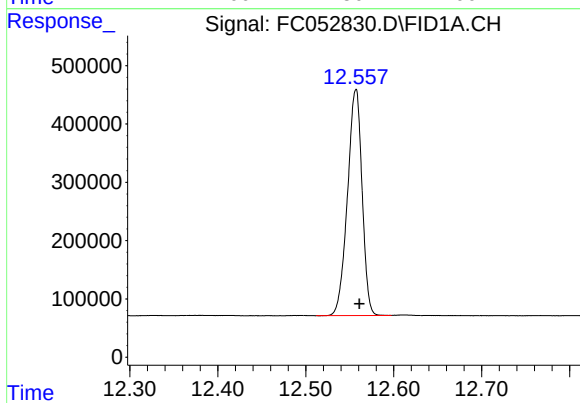
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.004 min
Response: 4669684
Conc: 37.01 ug/ml



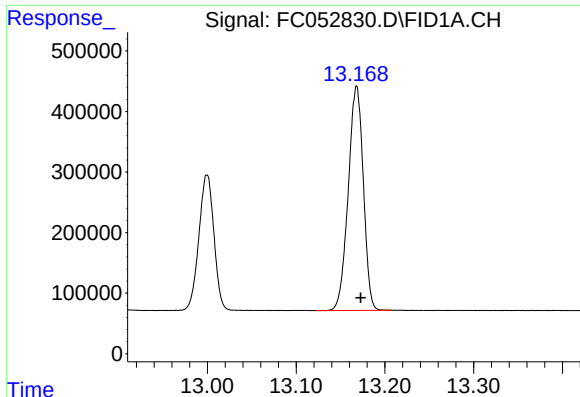
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

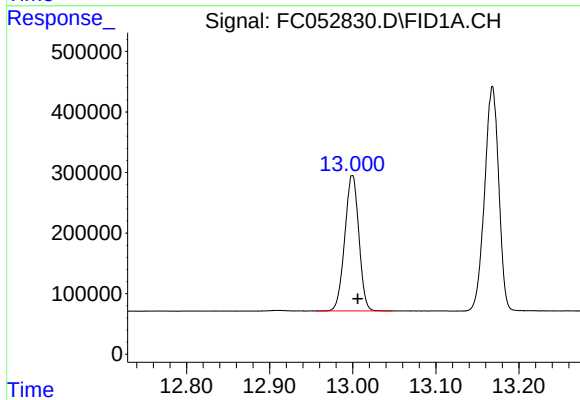
R.T.: 12.557 min
Delta R.T.: -0.004 min
Response: 4470436
Conc: 35.01 ug/ml



#11 n-Heneicosane (C21)

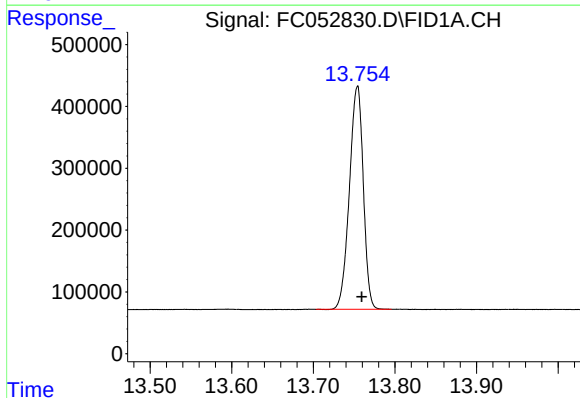
R.T.: 13.168 min
Delta R.T.: -0.005 min
Response: 4378712
Conc: 34.45 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 2



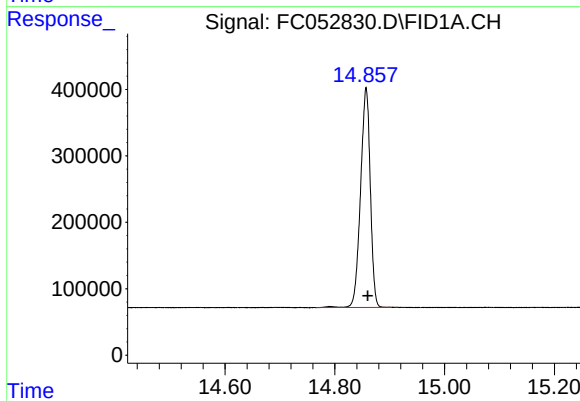
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 2636689
Conc: 24.45 ug/ml



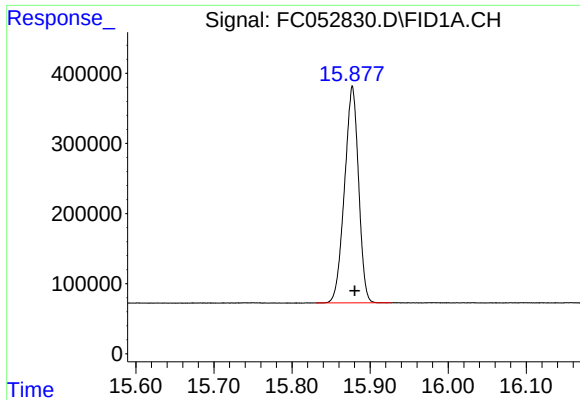
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.005 min
Response: 4270636
Conc: 33.71 ug/ml



#14 n-Tetracosane (C24)

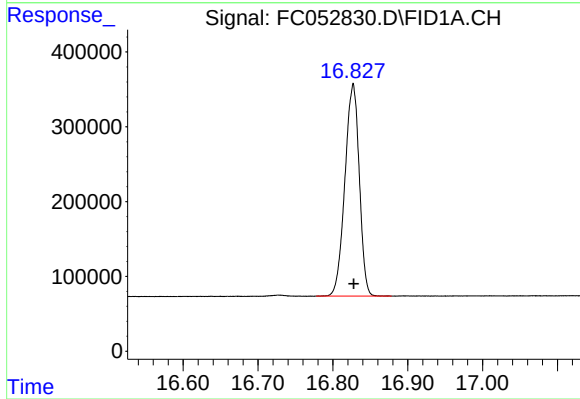
R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 4079380
Conc: 32.66 ug/ml



#15 n-Hexacosane (C26)

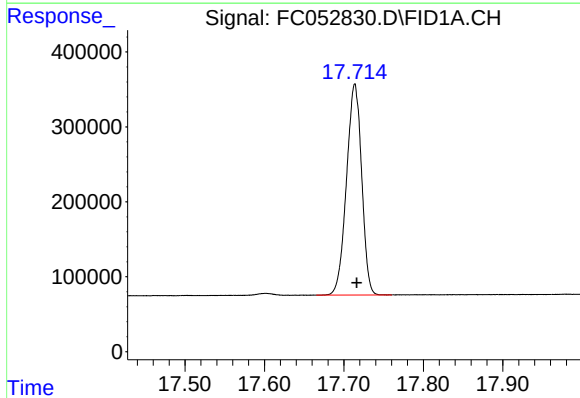
R.T.: 15.877 min
Delta R.T.: -0.003 min
Response: 3861541
Conc: 32.07 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 2



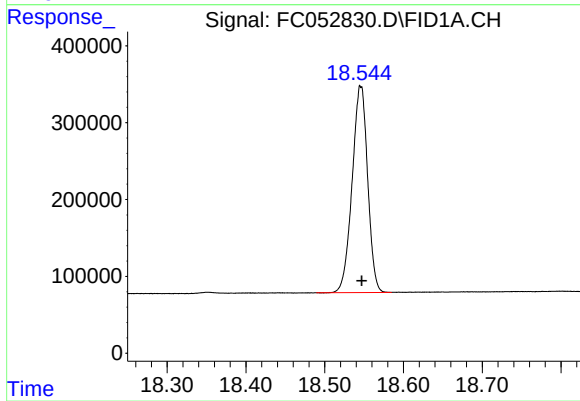
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 3783242
Conc: 32.81 ug/ml



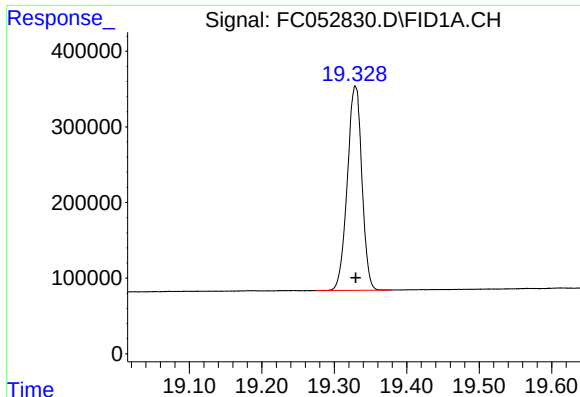
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 3732225
Conc: 34.26 ug/ml



#18 n-Dotriacontane (C32)

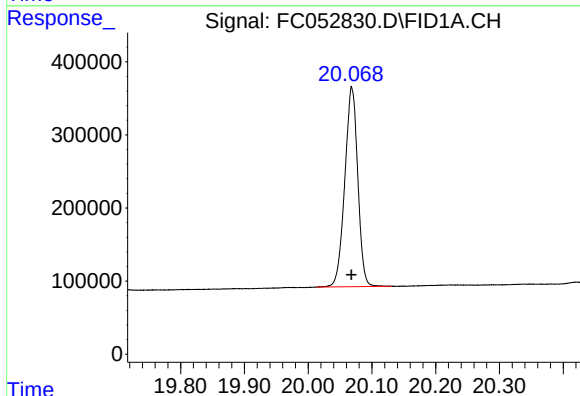
R.T.: 18.546 min
Delta R.T.: -0.001 min
Response: 3685151
Conc: 36.73 ug/ml



#19 n-Tetratriacontane (C34)

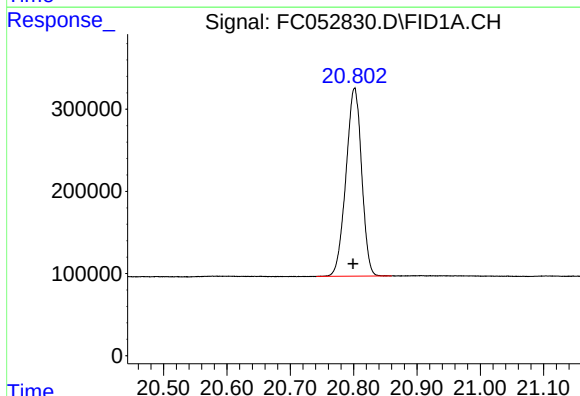
R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 3773379
Conc: 41.05 ug/ml

Instrument :
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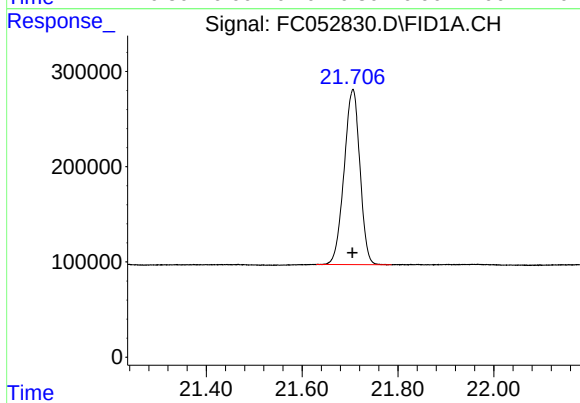
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 3861135
Conc: 42.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.002 min
Response: 3937354
Conc: 48.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.000 min
Response: 4234757
Conc: 49.16 ug/ml