

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068561.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 22:14
 Operator : YP/AJ
 Sample : PB167513BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 03:46:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	13.144	3476251	37.422 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
Target Compounds			
1) T n-Nonane (C9)	3.444	2511662	23.847 ug/ml
2) T n-Decane (C10)	4.519	3059850	29.042 ug/ml
4) T n-Dodecane (C12)	6.544	3470882	33.005 ug/ml
6) T n-Tetradecane (C14)	8.342	3939789	38.323 ug/ml
7) T n-Hexadecane (C16)	9.945	4399158	43.196 ug/ml
8) T n-Octadecane (C18)	11.388	4700659	46.711 ug/ml
10) T n-Eicosane (C20)	12.699	4936821	50.191 ug/ml
11) T n-Heneicosane (C21)	13.312	4753071	48.771 ug/ml
13) T n-Docosane (C22)	13.898	4760902	49.287 ug/ml
14) T n-Tetracosane (C24)	15.002	4703534	49.415 ug/ml
15) T n-Hexacosane (C26)	16.024	4586371	49.102 ug/ml
16) T n-Octacosane (C28)	16.976	4532861	49.508 ug/ml
17) T n-Tricontane (C30)	17.864	4546284	49.453 ug/ml
18) T n-Dotriacontane (C32)	18.699	4463677	48.662 ug/ml
19) T n-Tetratriacontane (C34)	19.482	4363368	48.840 ug/ml
20) T n-Hexatriacontane (C36)	20.224	4179719	46.660 ug/ml
21) T n-Octatriacontane (C38)	20.999	4119074	46.589 ug/ml
22) T n-Tetracontane (C40)	21.974	4084312	46.252 ug/ml

(f)=RT Delta > 1/2 Window

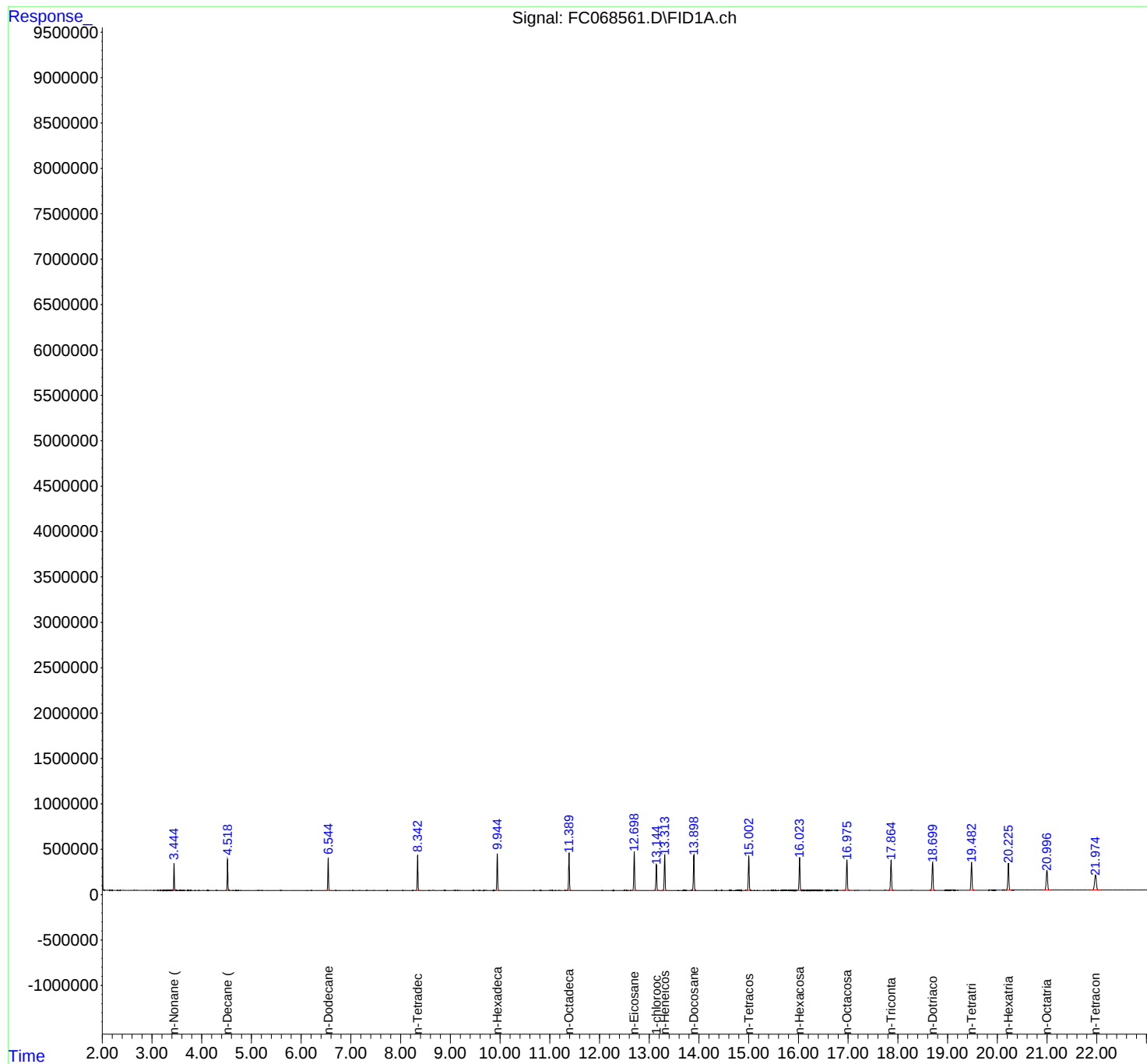
(m)=manual int.

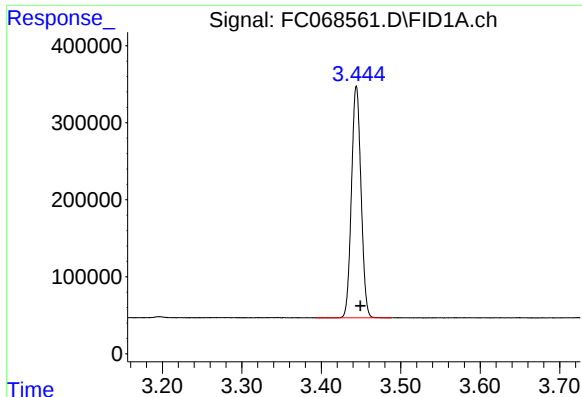
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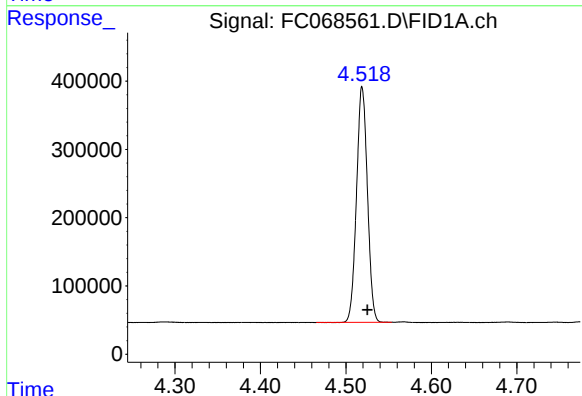




#1 n-Nonane (C9)

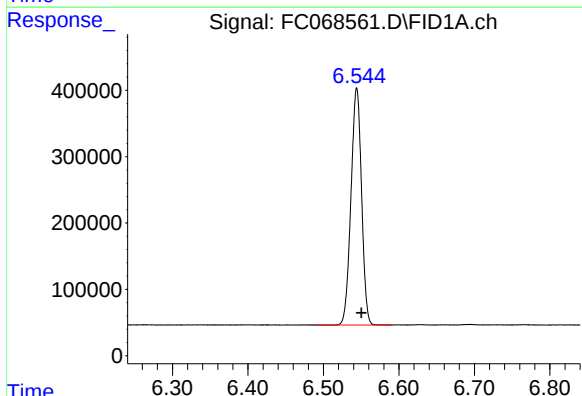
R.T.: 3.444 min
Delta R.T.: -0.005 min
Response: 2511662
Conc: 23.85 ug/ml

Instrument :
FID_C
ClientSampleId :



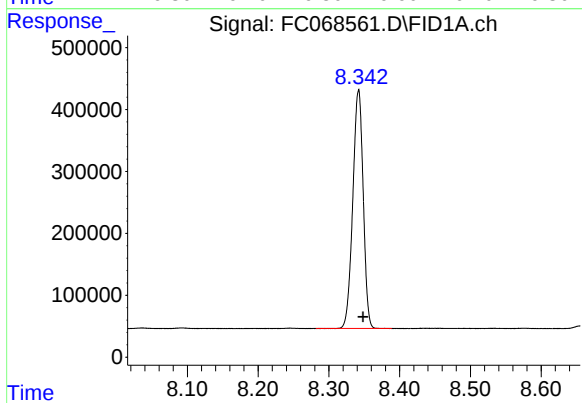
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 3059850
Conc: 29.04 ug/ml



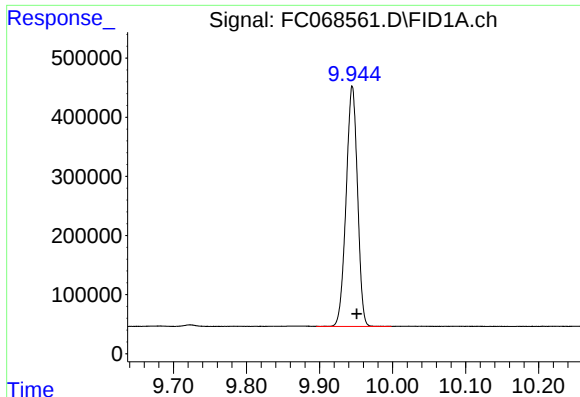
#4 n-Dodecane (C12)

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 3470882
Conc: 33.00 ug/ml



#6 n-Tetradecane (C14)

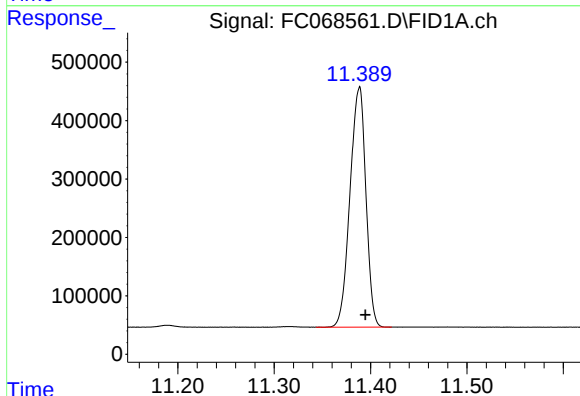
R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 3939789
Conc: 38.32 ug/ml



#7 n-Hexadecane (C16)

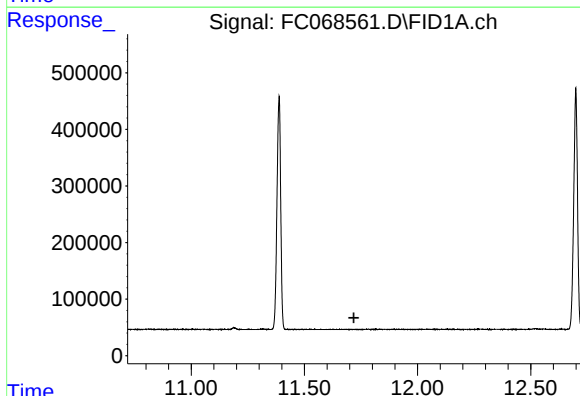
R.T.: 9.945 min
Delta R.T.: -0.006 min
Response: 4399158
Conc: 43.20 ug/ml

Instrument :
FID_C
ClientSampleId :



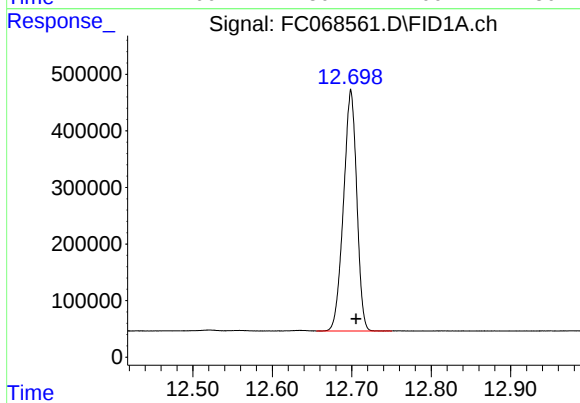
#8 n-Octadecane (C18)

R.T.: 11.388 min
Delta R.T.: -0.007 min
Response: 4700659
Conc: 46.71 ug/ml



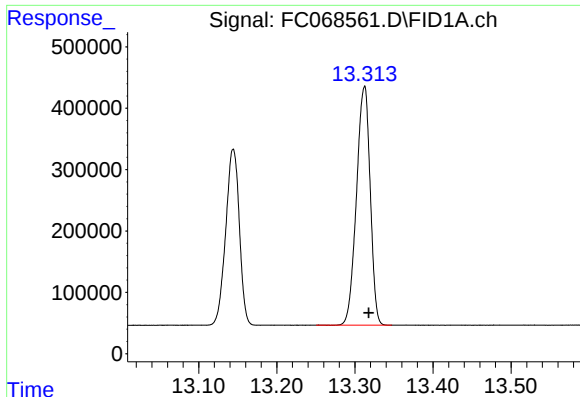
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.719 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

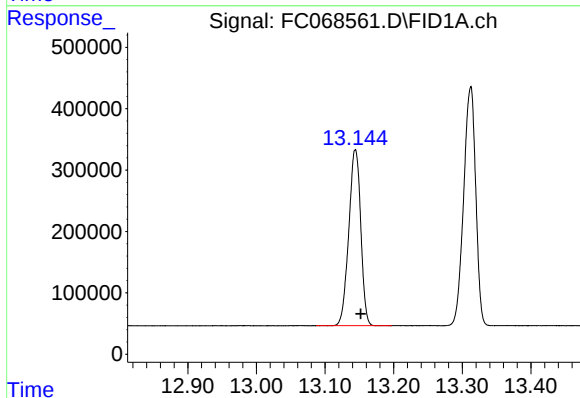
R.T.: 12.699 min
Delta R.T.: -0.007 min
Response: 4936821
Conc: 50.19 ug/ml



#11 n-Heneicosane (C21)

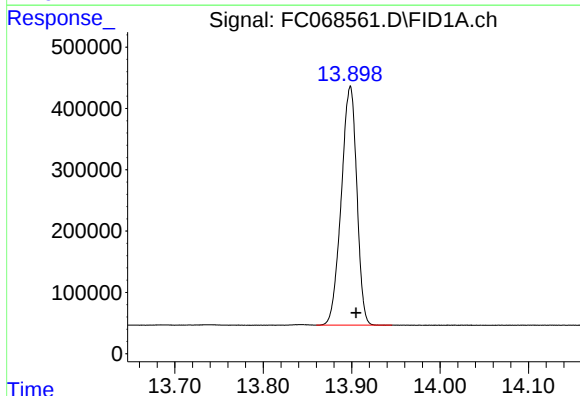
R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 4753071
Conc: 48.77 ug/ml

Instrument :
FID_C
ClientSampleId :



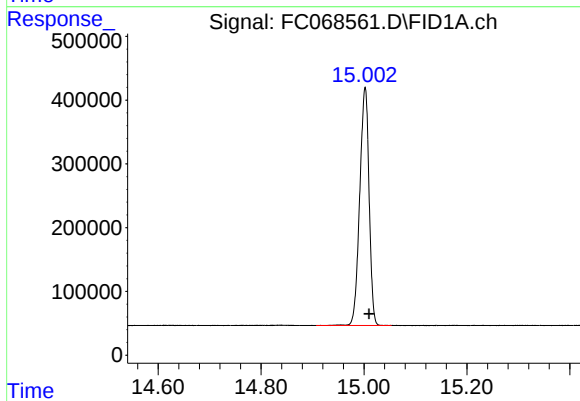
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: -0.008 min
Response: 3476251
Conc: 37.42 ug/ml



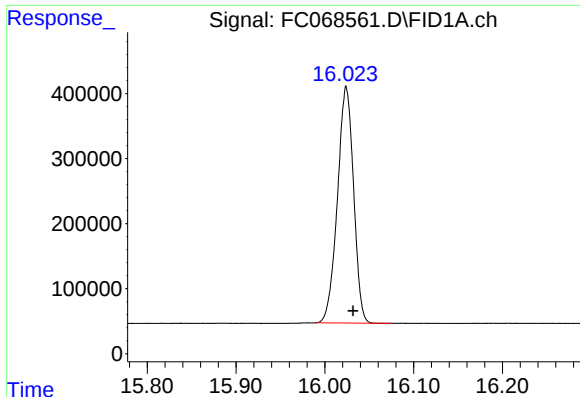
#13 n-Docosane (C22)

R.T.: 13.898 min
Delta R.T.: -0.007 min
Response: 4760902
Conc: 49.29 ug/ml



#14 n-Tetracosane (C24)

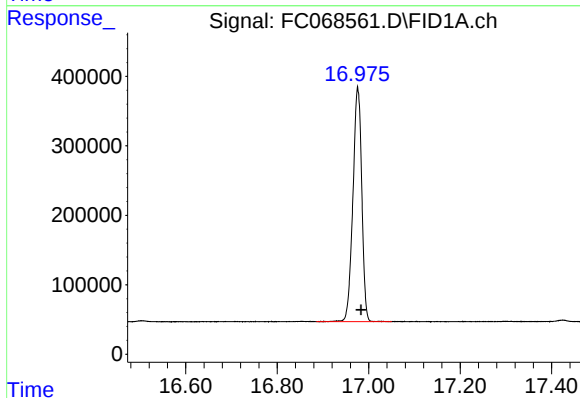
R.T.: 15.002 min
Delta R.T.: -0.008 min
Response: 4703534
Conc: 49.42 ug/ml



#15 n-Hexacosane (C26)

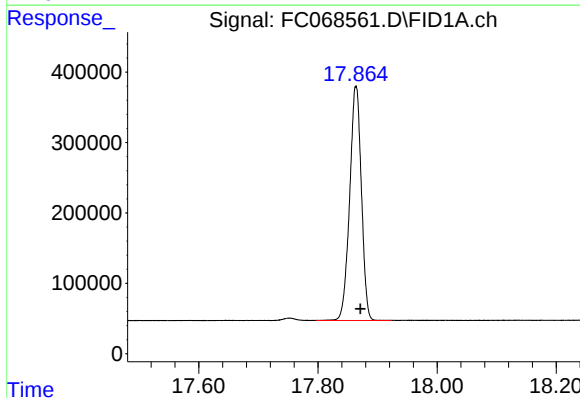
R.T.: 16.024 min
Delta R.T.: -0.008 min
Response: 4586371
Conc: 49.10 ug/ml

Instrument :
FID_C
ClientSampleId :



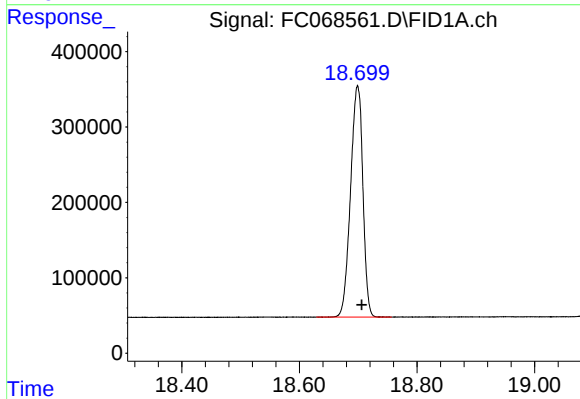
#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: -0.007 min
Response: 4532861
Conc: 49.51 ug/ml



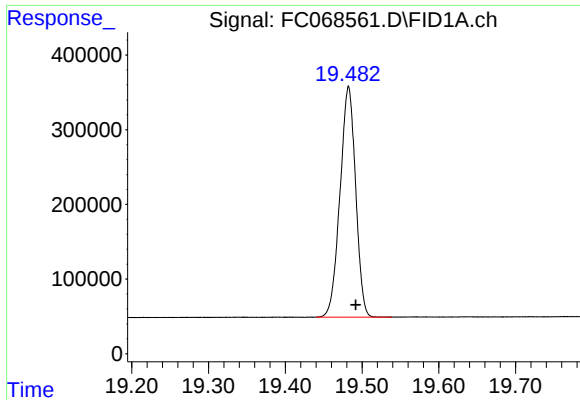
#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: -0.007 min
Response: 4546284
Conc: 49.45 ug/ml



#18 n-Dotriacontane (C32)

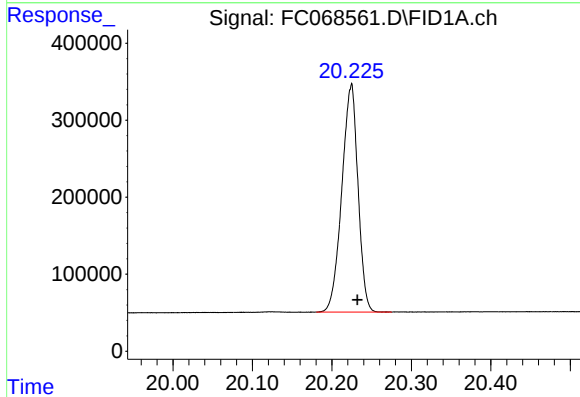
R.T.: 18.699 min
Delta R.T.: -0.007 min
Response: 4463677
Conc: 48.66 ug/ml



#19 n-Tetratriacontane (C34)

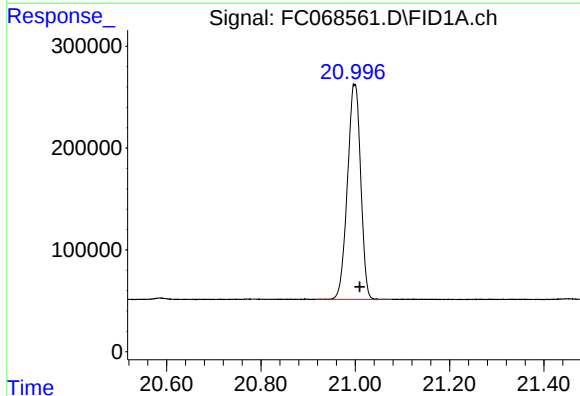
R.T.: 19.482 min
Delta R.T.: -0.009 min
Response: 4363368
Conc: 48.84 ug/ml

Instrument :
FID_C
ClientSampleId :



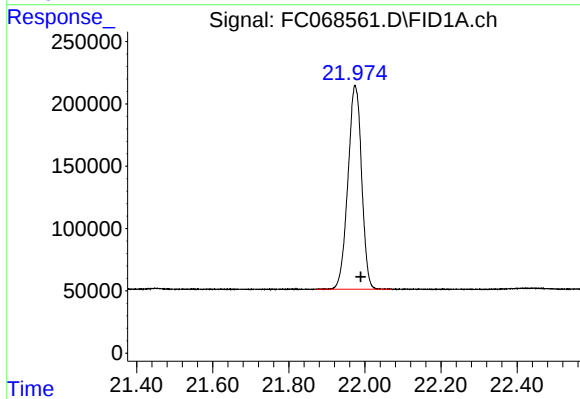
#20 n-Hexatriacontane (C36)

R.T.: 20.224 min
Delta R.T.: -0.008 min
Response: 4179719
Conc: 46.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.011 min
Response: 4119074
Conc: 46.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.014 min
Response: 4084312
Conc: 46.25 ug/ml