

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110123AL\
 Data File : FC064968.D
 Signal(s) : FID1A.ch
 Acq On : 01 Nov 2023 17:59
 Operator : YP/AJ
 Sample : PB156826BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 23:42:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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...	12.946	5429250	34.344 ug/ml
Spiked Amount 50.000		Recovery =	68.69%
Target Compounds			
1) T n-Nonane (C9)	3.310	7050410	37.291 ug/ml
2) T n-Decane (C10)	4.371	8609441	45.279 ug/ml
4) T n-Dodecane (C12)	6.382	9703670	50.233 ug/ml
6) T n-Tetradecane (C14)	8.170	10365427	54.934 ug/ml
7) T n-Hexadecane (C16)	9.766	11306643	59.816 ug/ml
8) T n-Octadecane (C18)	11.202	12239063	64.850 ug/ml
10) T n-Eicosane (C20)	12.507	12450766	69.255 ug/ml
11) T n-Heneicosane (C21)	13.117	11886530	67.703 ug/ml
13) T n-Docosane (C22)	13.700	11689517	68.053 ug/ml
14) T n-Tetracosane (C24)	14.799	11208369	67.295 ug/ml
15) T n-Hexacosane (C26)	15.813	10734600	66.879 ug/ml
16) T n-Octacosane (C28)	16.759	10386927	66.370 ug/ml
17) T n-Tricontane (C30)	17.643	10206998	64.441 ug/ml
18) T n-Dotriacontane (C32)	18.470	9980002	63.207 ug/ml
19) T n-Tetratriacontane (C34)	19.253	9854161	64.558 ug/ml
20) T n-Hexatriacontane (C36)	19.989	9465636	62.736 ug/ml
21) T n-Octatriacontane (C38)	20.710	9491185	63.778 ug/ml
22) T n-Tetracontane (C40)	21.591	9266848	63.006 ug/ml

(f)=RT Delta > 1/2 Window

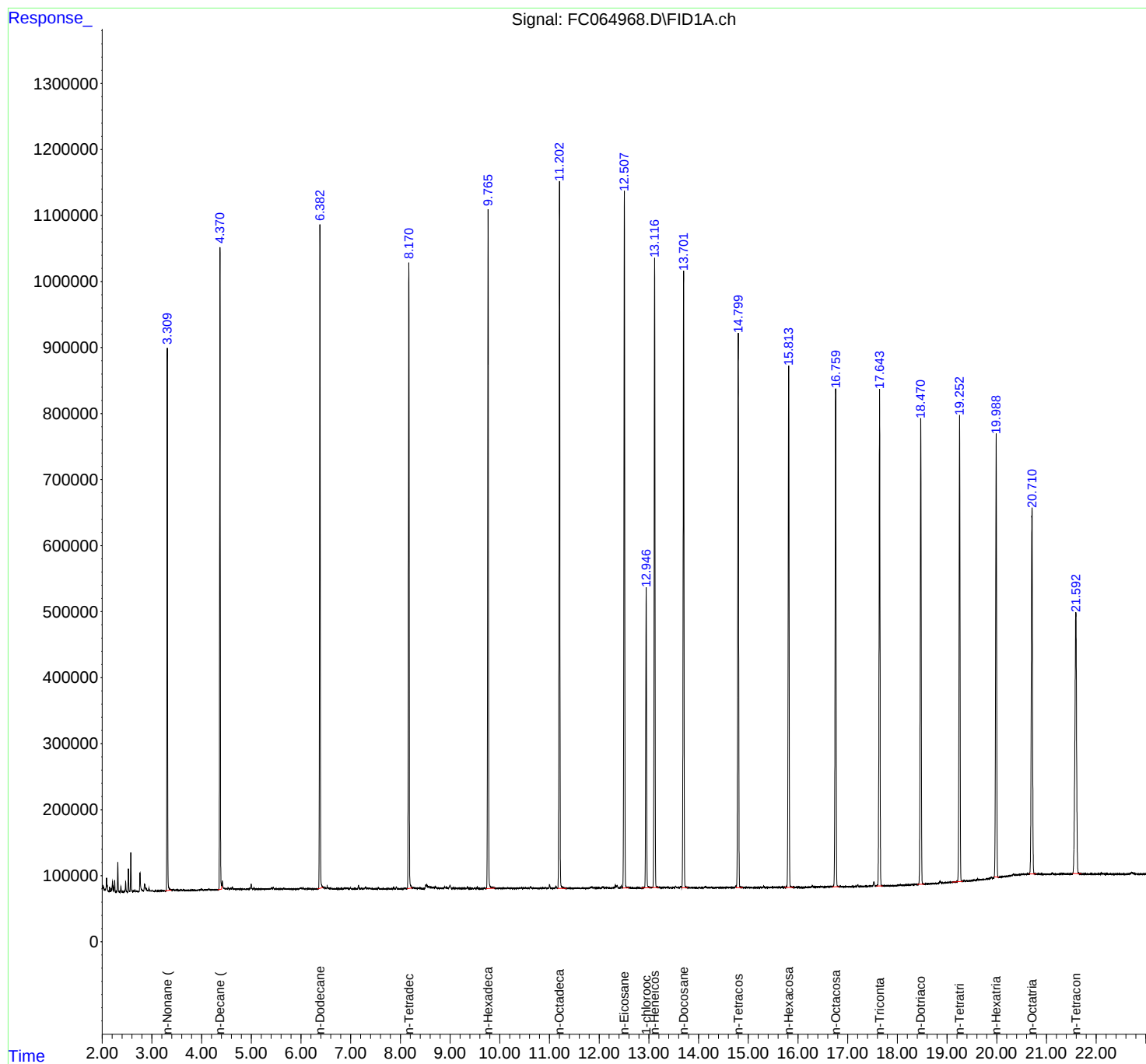
(m)=manual int.

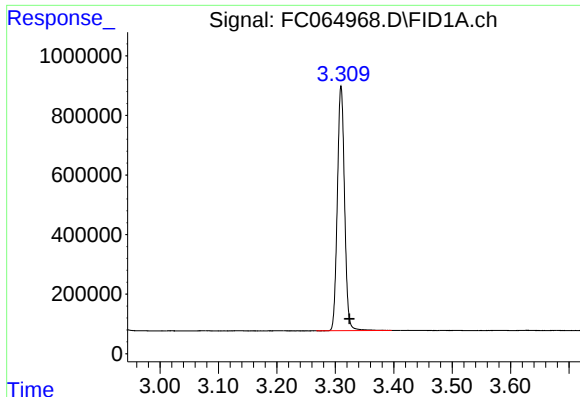
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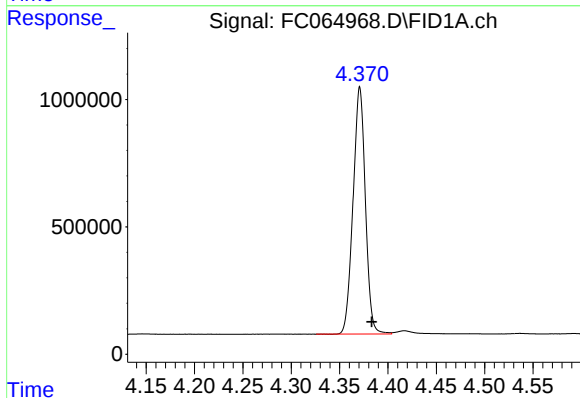




#1 n-Nonane (C9)

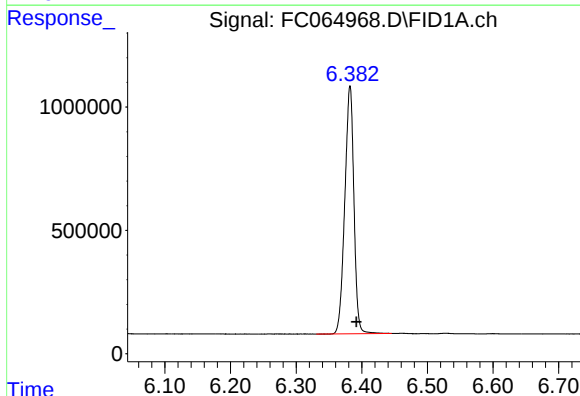
R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 7050410
Conc: 37.29 ug/ml

Instrument :
FID_C
ClientSampleId :



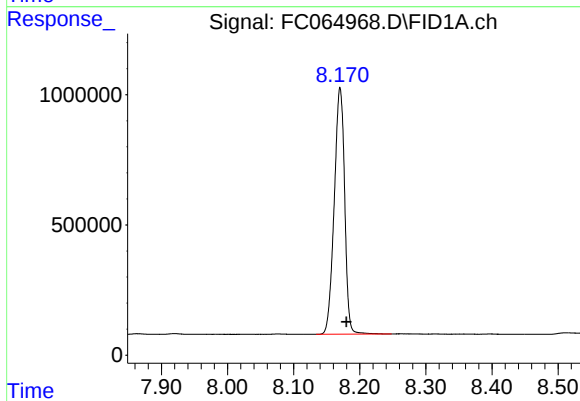
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.012 min
Response: 8609441
Conc: 45.28 ug/ml



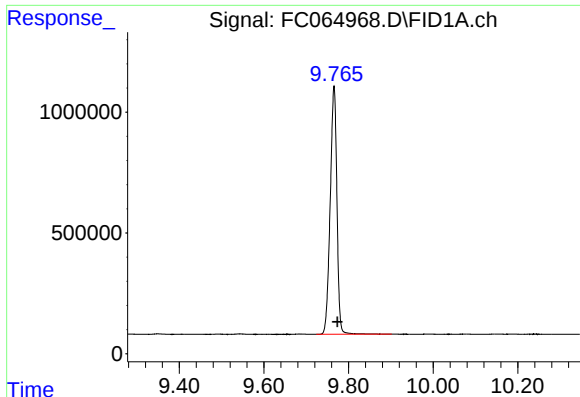
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.010 min
Response: 9703670
Conc: 50.23 ug/ml



#6 n-Tetradecane (C14)

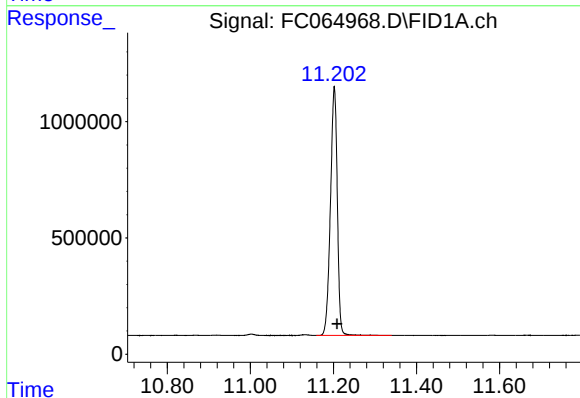
R.T.: 8.170 min
Delta R.T.: -0.009 min
Response: 10365427
Conc: 54.93 ug/ml



#7 n-Hexadecane (C16)

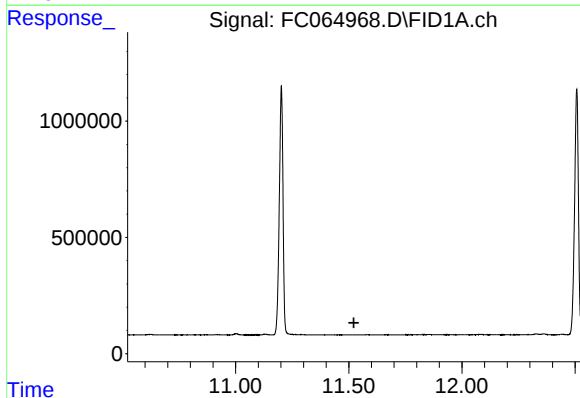
R.T.: 9.766 min
Delta R.T.: -0.007 min
Response: 11306643
Conc: 59.82 ug/ml

Instrument :
FID_C
ClientSampleId :



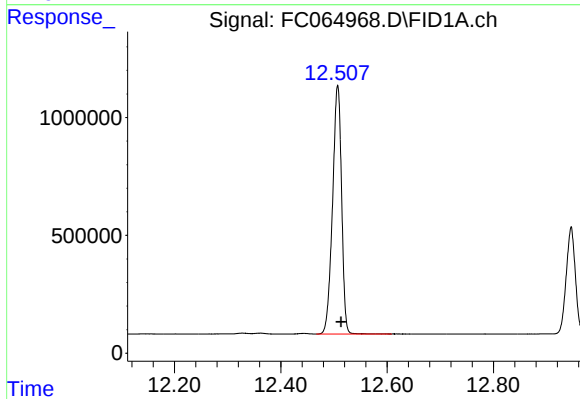
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 12239063
Conc: 64.85 ug/ml



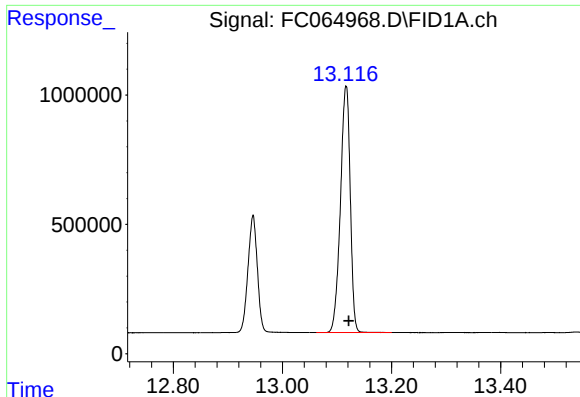
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

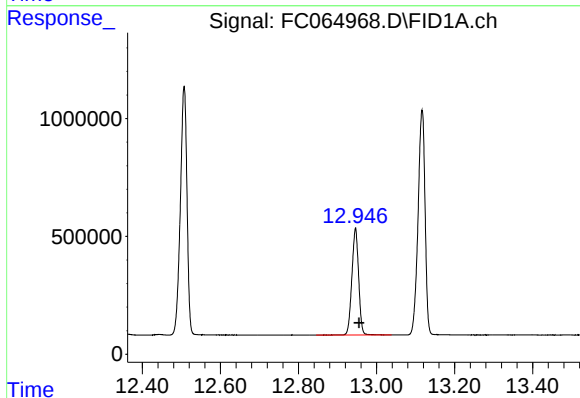
R.T.: 12.507 min
Delta R.T.: -0.006 min
Response: 12450766
Conc: 69.26 ug/ml



#11 n-Heneicosane (C21)

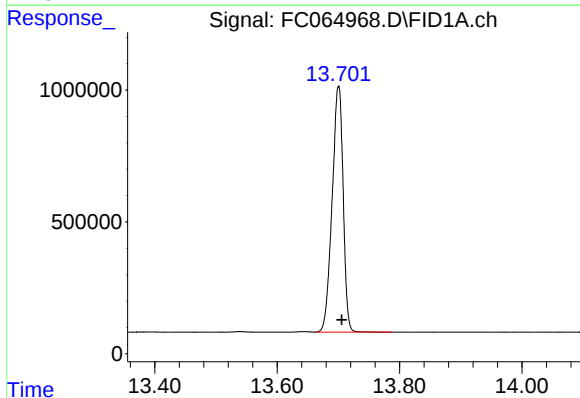
R.T.: 13.117 min
Delta R.T.: -0.005 min
Response: 11886530
Conc: 67.70 ug/ml

Instrument :
FID_C
ClientSampleId :



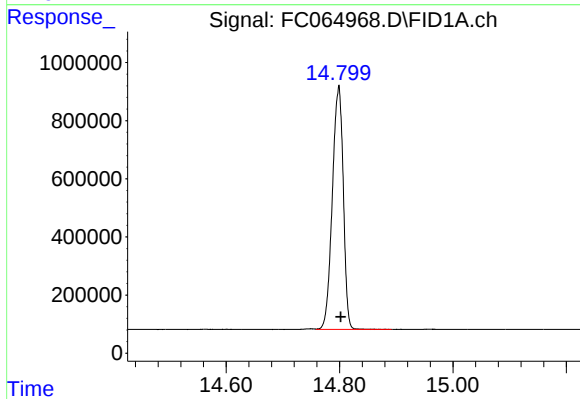
#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: -0.009 min
Response: 5429250
Conc: 34.34 ug/ml



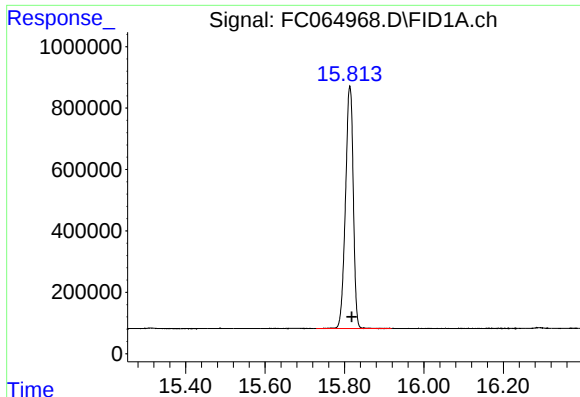
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: -0.005 min
Response: 11689517
Conc: 68.05 ug/ml



#14 n-Tetracosane (C24)

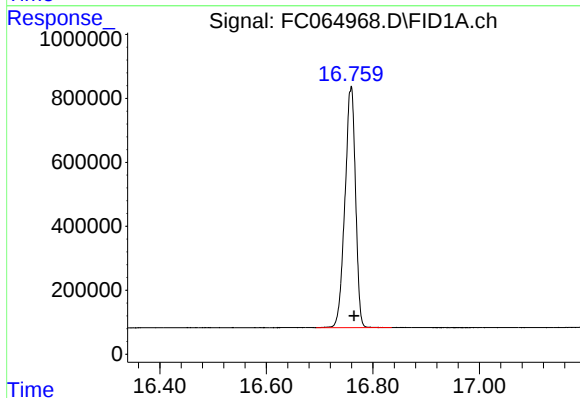
R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 11208369
Conc: 67.29 ug/ml



#15 n-Hexacosane (C26)

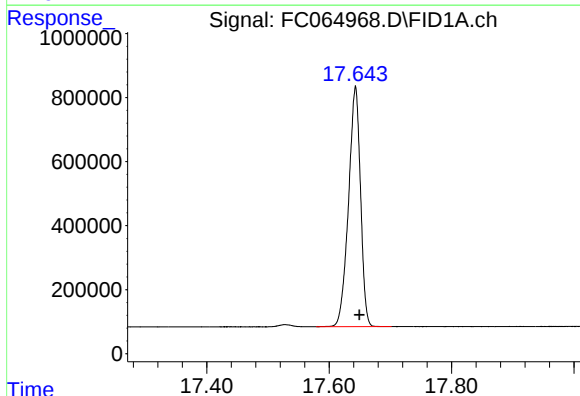
R.T.: 15.813 min
Delta R.T.: -0.005 min
Response: 10734600
Conc: 66.88 ug/ml

Instrument :
FID_C
ClientSampleId :



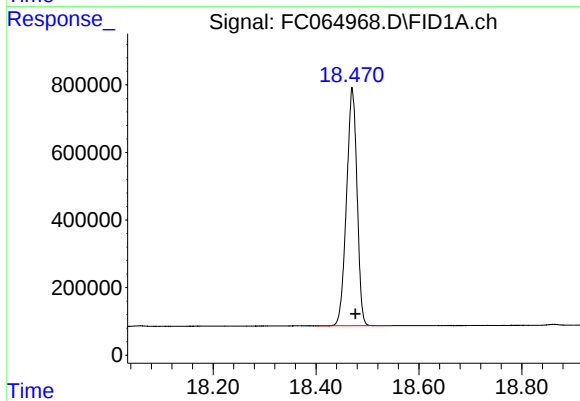
#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: -0.006 min
Response: 10386927
Conc: 66.37 ug/ml



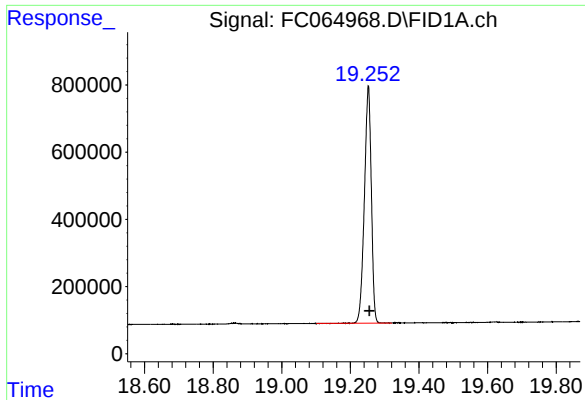
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: -0.006 min
Response: 10206998
Conc: 64.44 ug/ml



#18 n-Dotriacontane (C32)

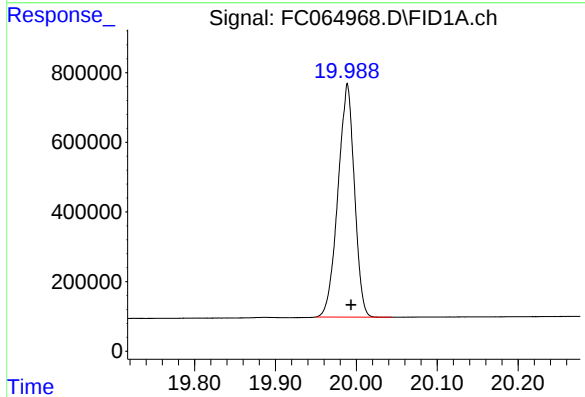
R.T.: 18.470 min
Delta R.T.: -0.006 min
Response: 9980002
Conc: 63.21 ug/ml



#19 n-Tetratriacontane (C34)

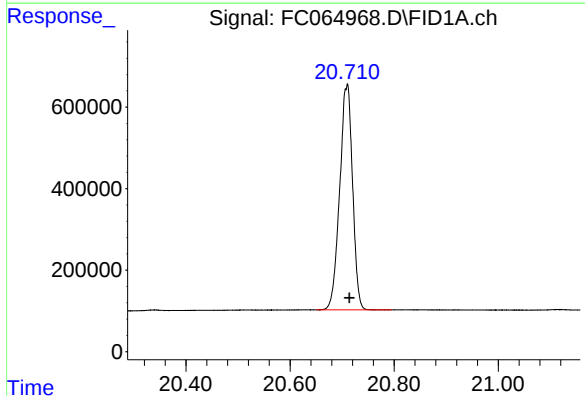
R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 9854161
Conc: 64.56 ug/ml

Instrument :
FID_C
ClientSampleId :



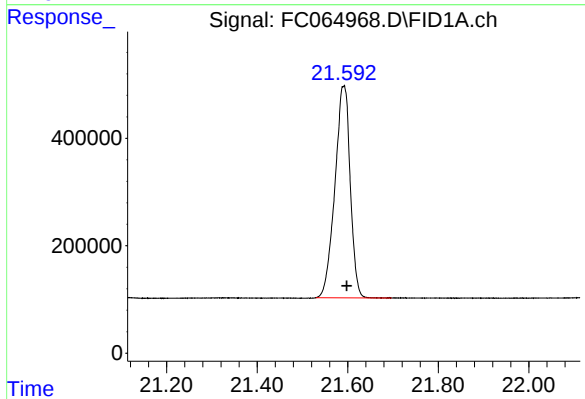
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min
Delta R.T.: -0.005 min
Response: 9465636
Conc: 62.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.004 min
Response: 9491185
Conc: 63.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.006 min
Response: 9266848
Conc: 63.01 ug/ml