

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110923AL\
 Data File : FC065074.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2023 13:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 22:30:31 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			
9) S ortho-Terphenyl (SURR)	11.513	4513351	20.507 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	12.946	3251822	20.570 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.310	3821665	20.213 ug/ml
2) T n-Decane (C10)	4.371	3892797	20.473 ug/ml
3) T A~Naphthalene (C11.7)	5.951	4013293	20.786 ug/ml
4) T n-Dodecane (C12)	6.381	3937596	20.384 ug/ml
5) T A~2-methylnaphthalene...	7.006	3856506	20.986 ug/ml
6) T n-Tetradecane (C14)	8.170	3878880	20.557 ug/ml
7) T n-Hexadecane (C16)	9.764	3926676	20.773 ug/ml
8) T n-Octadecane (C18)	11.199	3913810	20.738 ug/ml
10) T n-Eicosane (C20)	12.504	3700173	20.582 ug/ml
11) T n-Heneicosane (C21)	13.113	3595886	20.481 ug/ml
13) T n-Docosane (C22)	13.696	3533842	20.573 ug/ml
14) T n-Tetracosane (C24)	14.794	3432006	20.606 ug/ml
15) T n-Hexacosane (C26)	15.810	3298555	20.551 ug/ml
16) T n-Octacosane (C28)	16.756	3250241	20.768 ug/ml
17) T n-Tricontane (C30)	17.641	3347137	21.132 ug/ml
18) T n-Dotriacontane (C32)	18.469	3358381	21.270 ug/ml
19) T n-Tetratriacontane (C34)	19.250	3227897	21.147 ug/ml
20) T n-Hexatriacontane (C36)	19.986	3128960	20.738 ug/ml
21) T n-Octatriacontane (C38)	20.708	3069798	20.628 ug/ml
22) T n-Tetracontane (C40)	21.589	3023419	20.556 ug/ml

(f)=RT Delta > 1/2 Window

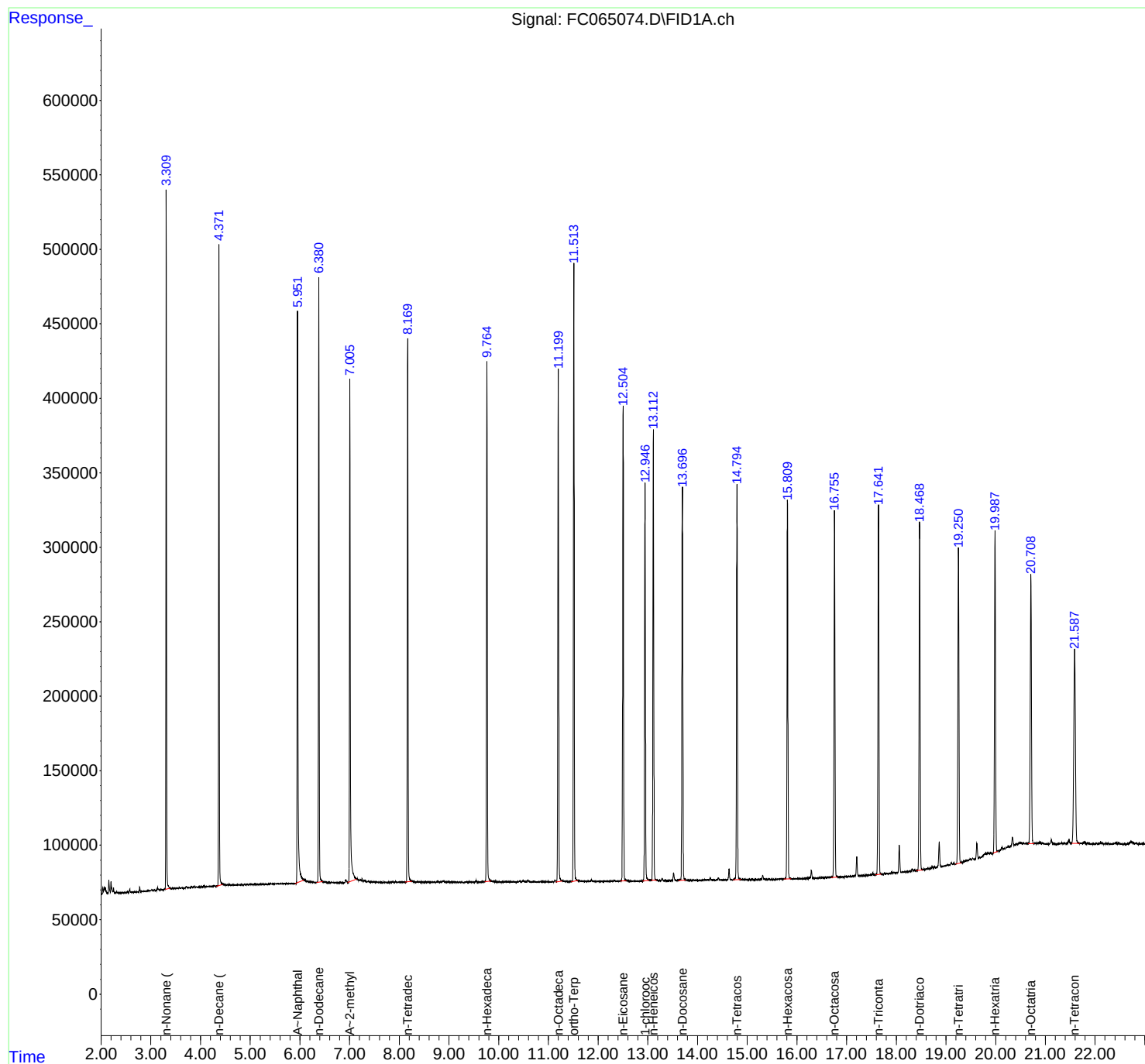
(m)=manual int.

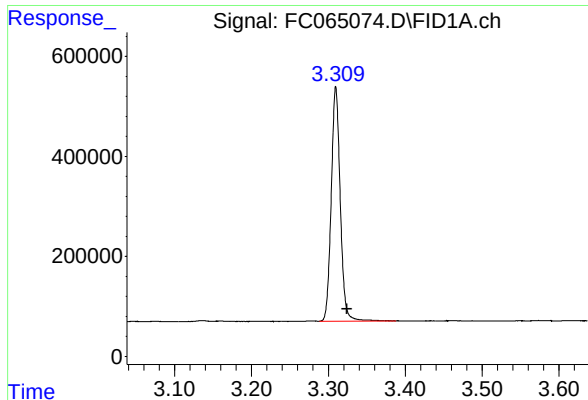
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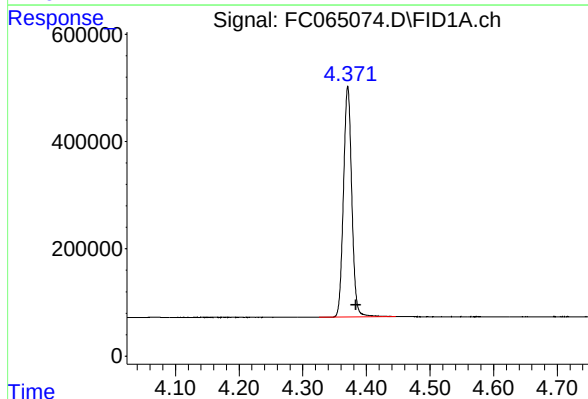




#1 n-Nonane (C9)

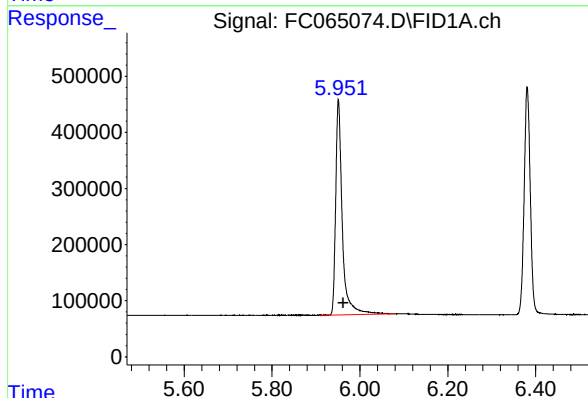
R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 3821665
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :



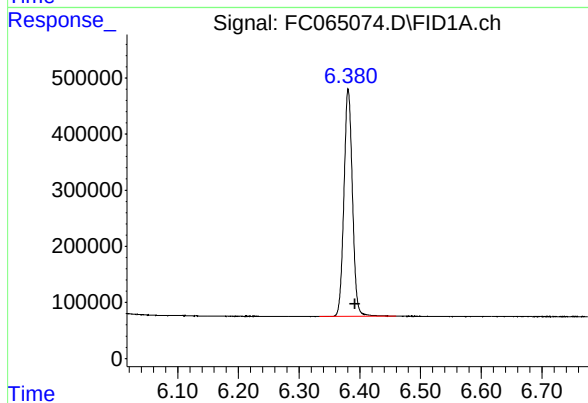
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.012 min
Response: 3892797
Conc: 20.47 ug/ml



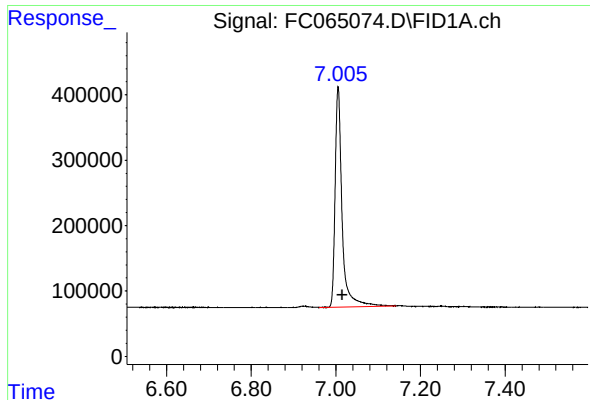
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 4013293
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

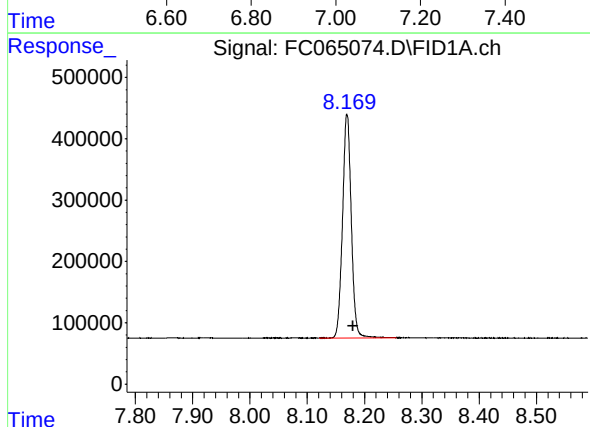
R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 3937596
Conc: 20.38 ug/ml



#5 A~2-methylnaphthalene (C12.89)

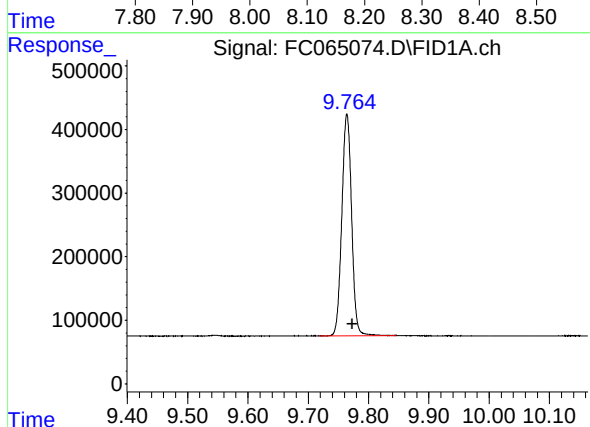
R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 3856506
Conc: 20.99 ug/ml

Instrument :
FID_C
ClientSampleId :



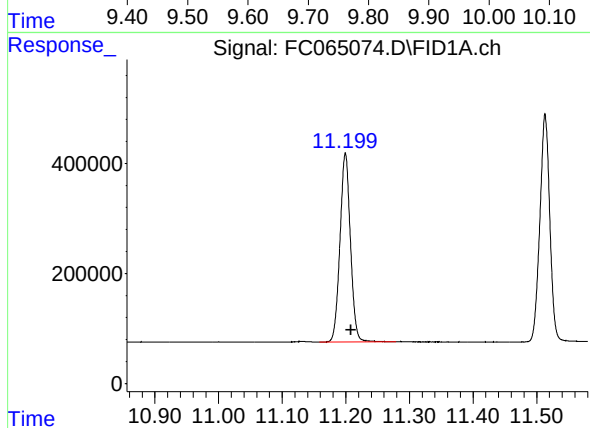
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.010 min
Response: 3878880
Conc: 20.56 ug/ml



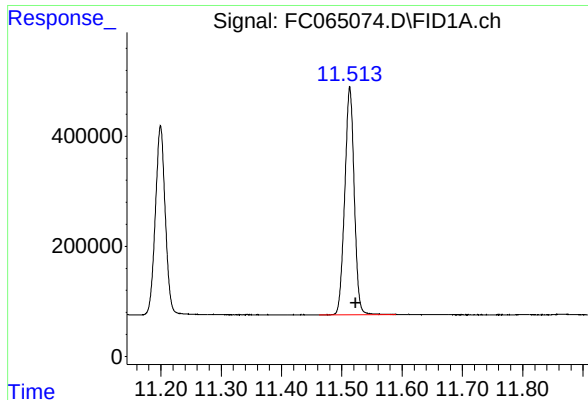
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3926676
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

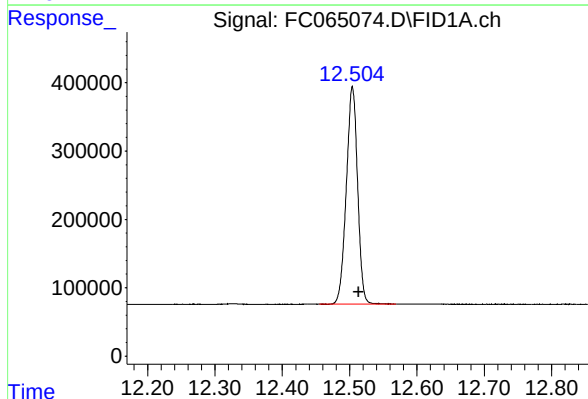
R.T.: 11.199 min
Delta R.T.: -0.009 min
Response: 3913810
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

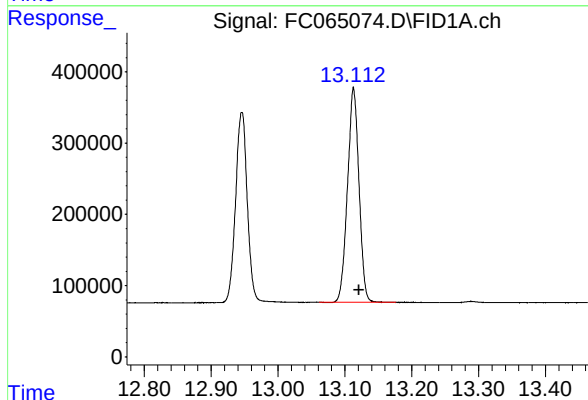
R.T.: 11.513 min
Delta R.T.: -0.009 min
Response: 4513351
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



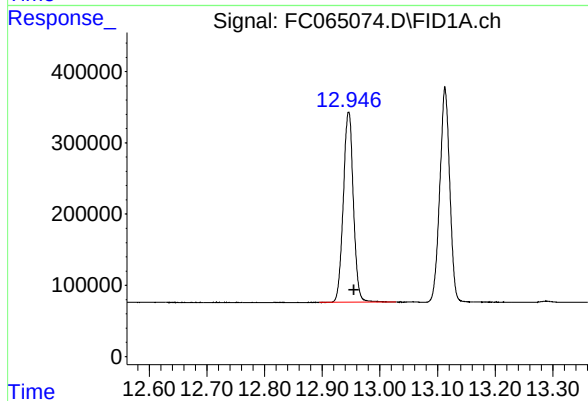
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: -0.009 min
Response: 3700173
Conc: 20.58 ug/ml



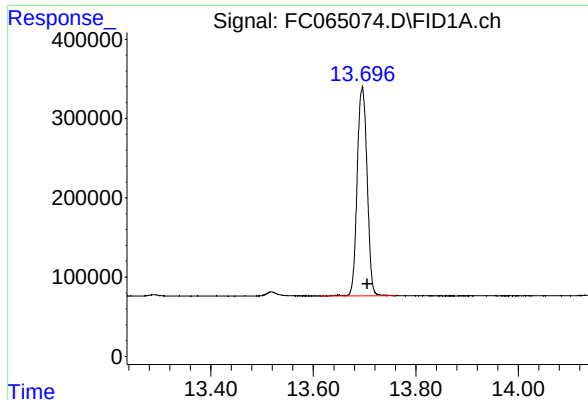
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: -0.008 min
Response: 3595886
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

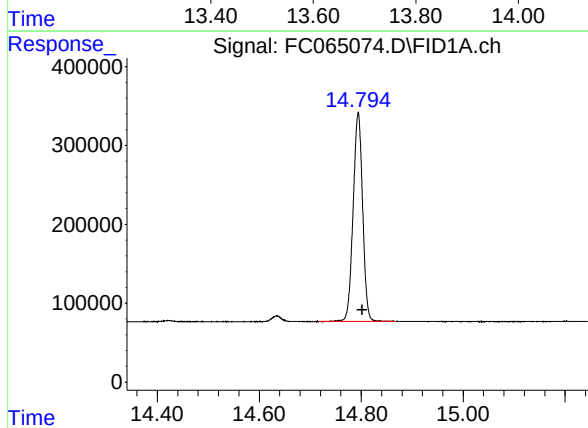
R.T.: 12.946 min
Delta R.T.: -0.009 min
Response: 3251822
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

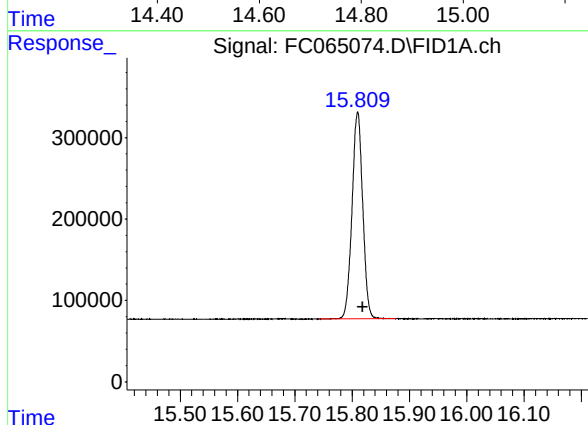
R.T.: 13.696 min
Delta R.T.: -0.010 min
Response: 3533842
Conc: 20.57 ug/ml

Instrument :
FID_C
ClientSampleId :



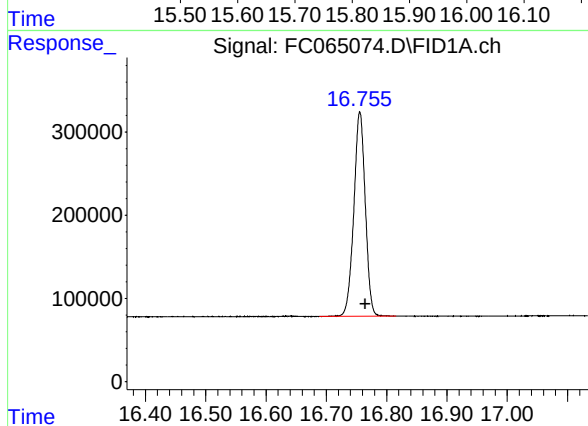
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.008 min
Response: 3432006
Conc: 20.61 ug/ml



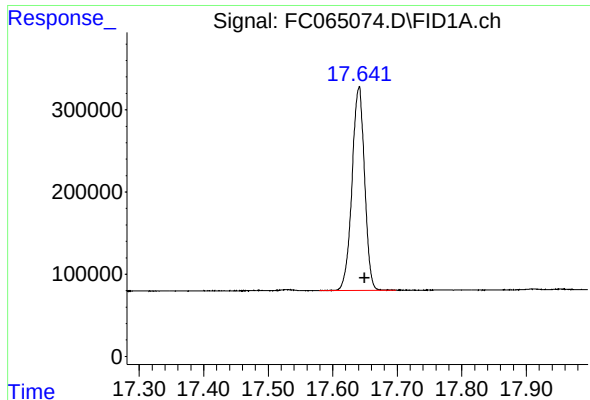
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: -0.009 min
Response: 3298555
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

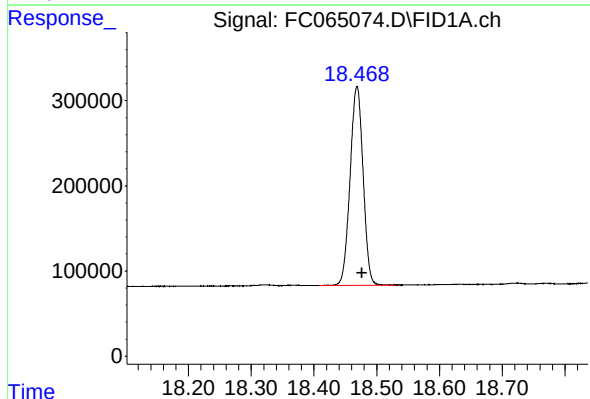
R.T.: 16.756 min
Delta R.T.: -0.009 min
Response: 3250241
Conc: 20.77 ug/ml



#17 n-Tricontane (C30)

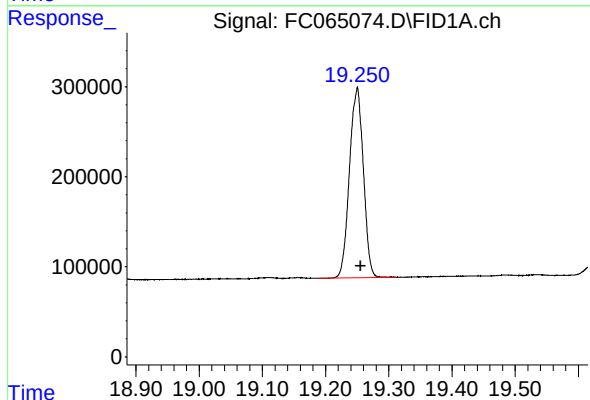
R.T.: 17.641 min
Delta R.T.: -0.009 min
Response: 3347137
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :



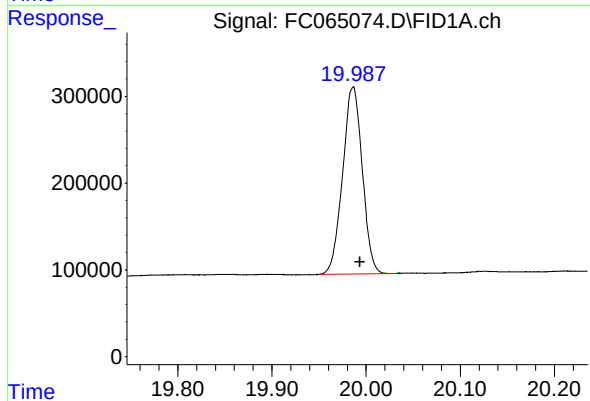
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.008 min
Response: 3358381
Conc: 21.27 ug/ml



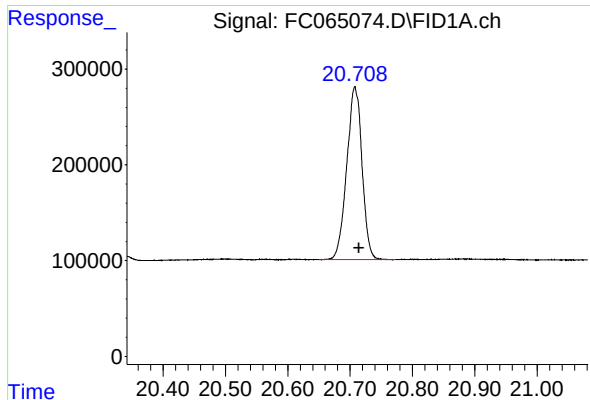
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.005 min
Response: 3227897
Conc: 21.15 ug/ml



#20 n-Hexatriacontane (C36)

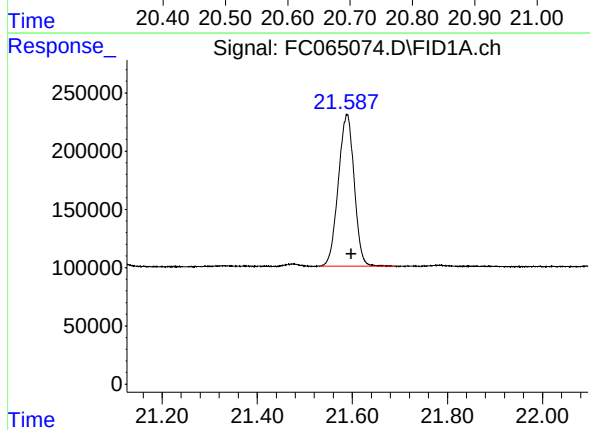
R.T.: 19.986 min
Delta R.T.: -0.007 min
Response: 3128960
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.007 min
Response: 3069798
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: -0.009 min
Response: 3023419
Conc: 20.56 ug/ml