

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065853.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 09:37
 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: Feb 27 02:21:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 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)	11.496	3321116	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	12.927	2462354	19.566 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.285	2809711	18.702 ug/ml
2) T n-Decane (C10)	4.348	2951833	19.414 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3108059	20.155 ug/ml
4) T n-Dodecane (C12)	6.362	2950380	19.277 ug/ml
5) T A~2-methylnaphthalene...	6.992	2920490	20.509 ug/ml
6) T n-Tetradecane (C14)	8.152	2891040	19.473 ug/ml
7) T n-Hexadecane (C16)	9.747	2974742	19.836 ug/ml
8) T n-Octadecane (C18)	11.182	3027836	19.629 ug/ml
10) T n-Eicosane (C20)	12.484	2915783	19.390 ug/ml
11) T n-Heneicosane (C21)	13.093	2909513	19.454 ug/ml
13) T n-Docosane (C22)	13.676	2927910	19.739 ug/ml
14) T n-Tetracosane (C24)	14.774	2977555	20.026 ug/ml
15) T n-Hexacosane (C26)	15.790	2994991	20.211 ug/ml
16) T n-Octacosane (C28)	16.733	3105910	21.167 ug/ml
17) T n-Tricontane (C30)	17.617	3401164	22.657 ug/ml
18) T n-Dotriacontane (C32)	18.445	3467588	23.448 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3281107	22.637 ug/ml
20) T n-Hexatriacontane (C36)	19.960	3067440	21.610 ug/ml
21) T n-Octatriacontane (C38)	20.677	2936013	20.742 ug/ml
22) T n-Tetracontane (C40)	21.547	2722606	19.519 ug/ml

(f)=RT Delta > 1/2 Window

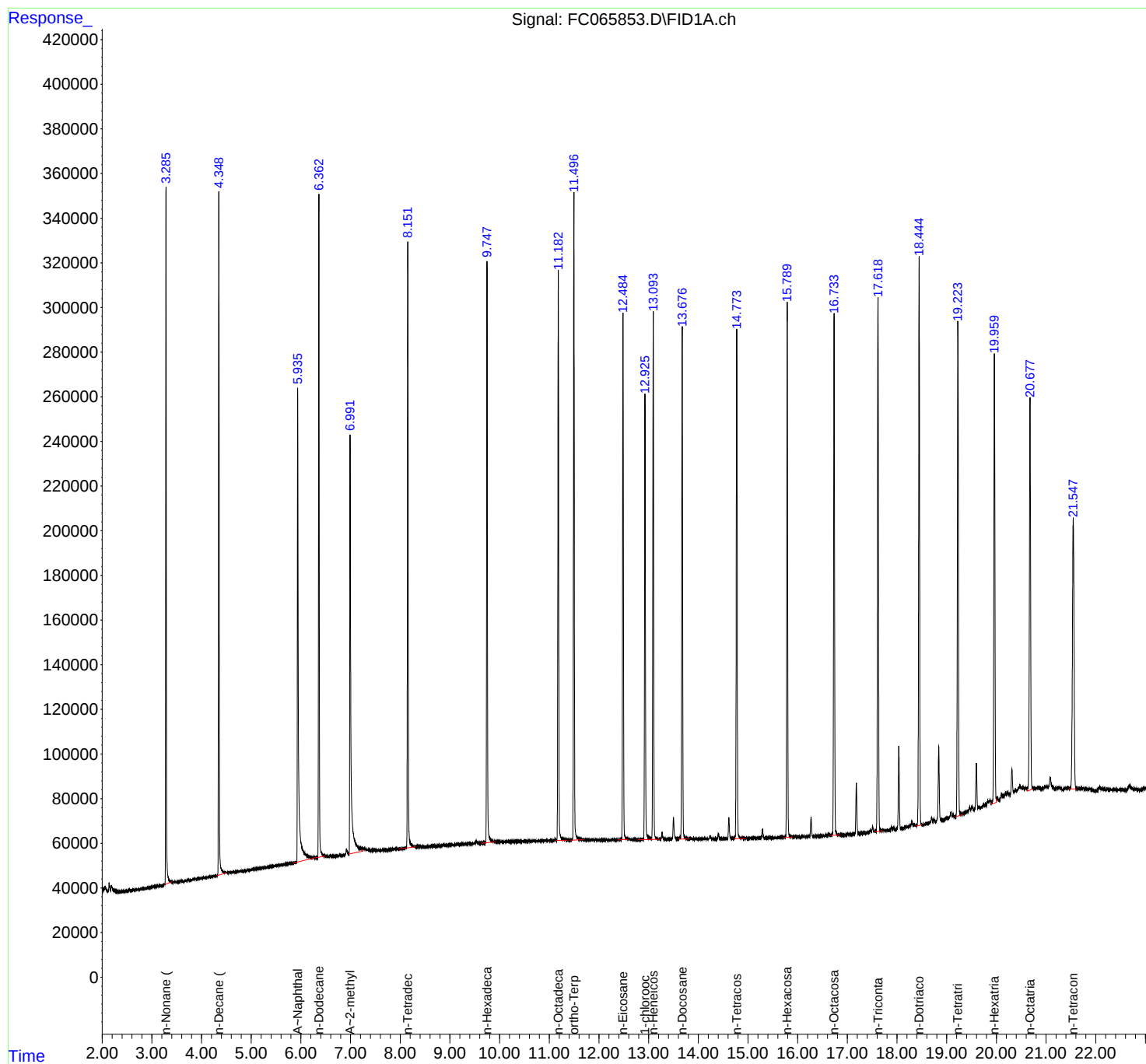
(m)=manual int.

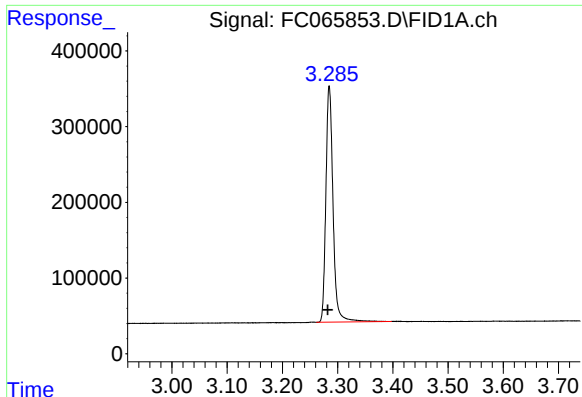
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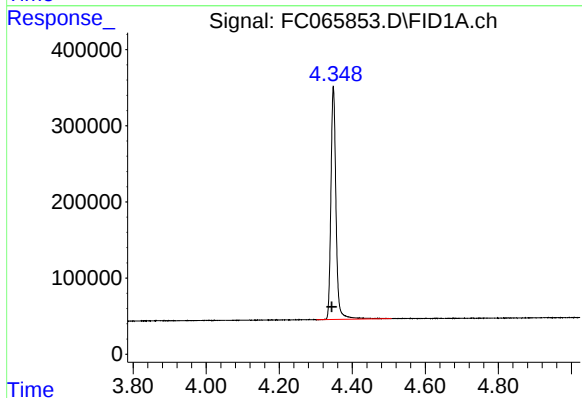




#1 n-Nonane (C9)

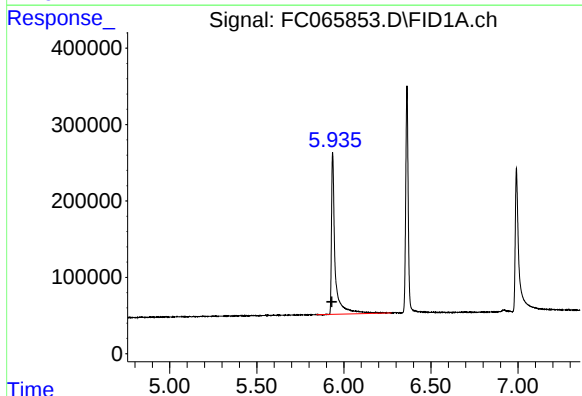
R.T.: 3.285 min
Delta R.T.: 0.003 min
Response: 2809711
Conc: 18.70 ug/ml

Instrument :
FID_C
ClientSampleId :



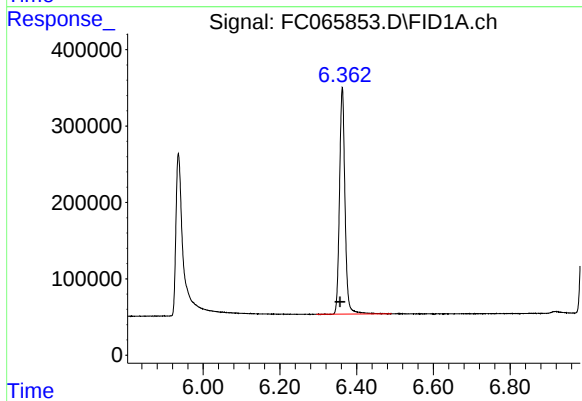
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.004 min
Response: 2951833
Conc: 19.41 ug/ml



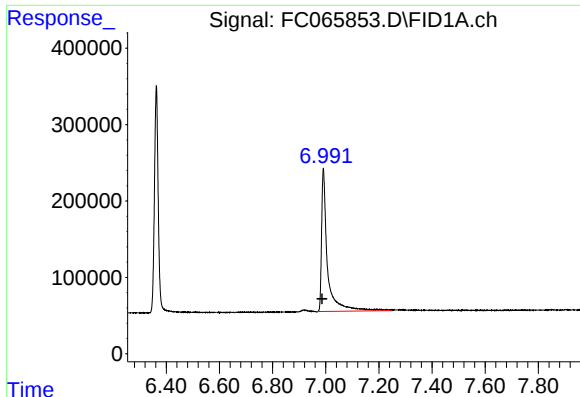
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: 0.005 min
Response: 3108059
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

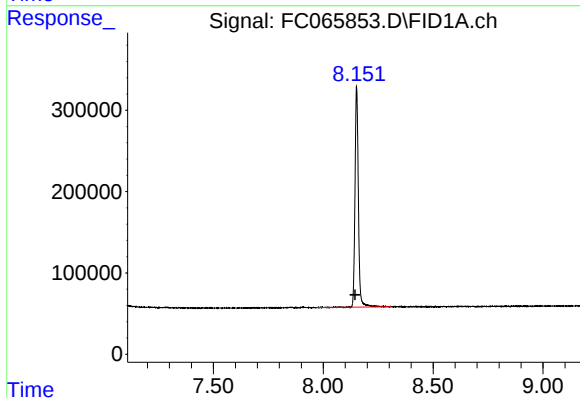
R.T.: 6.362 min
Delta R.T.: 0.006 min
Response: 2950380
Conc: 19.28 ug/ml



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

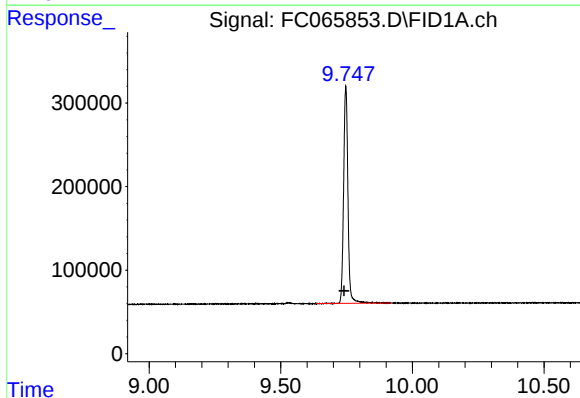
R.T.: 6.992 min
Delta R.T.: 0.005 min
Response: 2920490
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



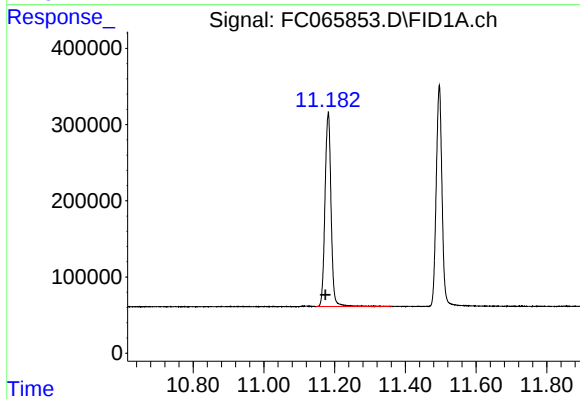
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.007 min
Response: 2891040
Conc: 19.47 ug/ml



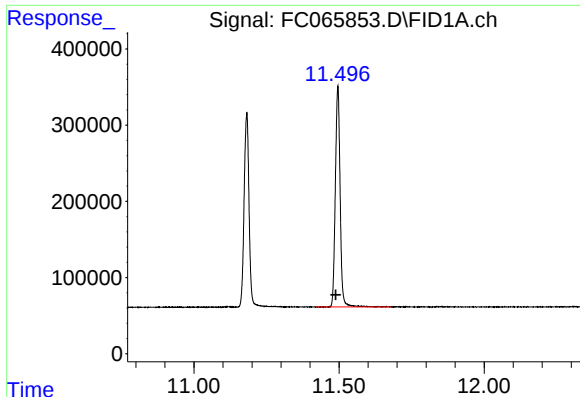
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.007 min
Response: 2974742
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

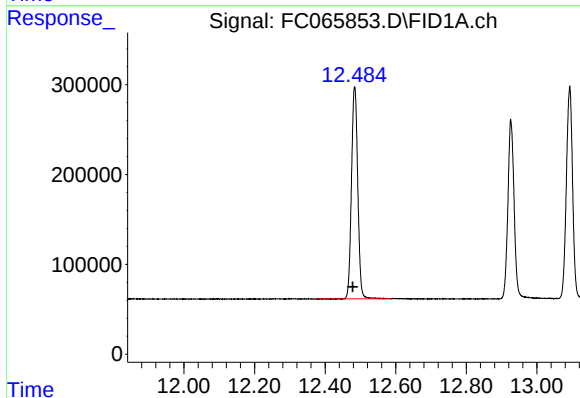
R.T.: 11.182 min
Delta R.T.: 0.007 min
Response: 3027836
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

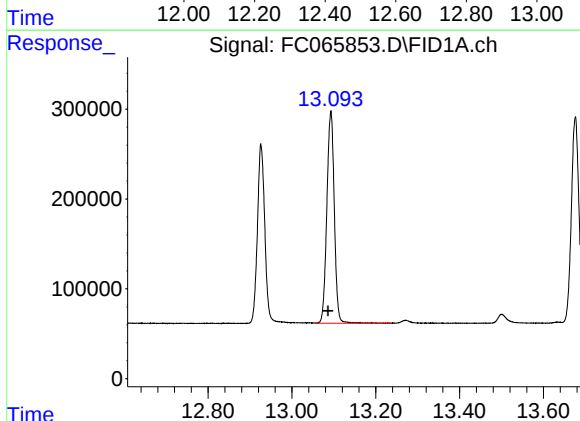
R.T.: 11.496 min
Delta R.T.: 0.007 min
Response: 3321116
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :



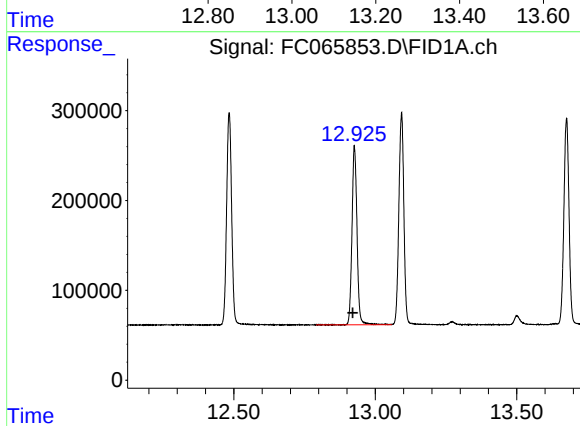
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.006 min
Response: 2915783
Conc: 19.39 ug/ml



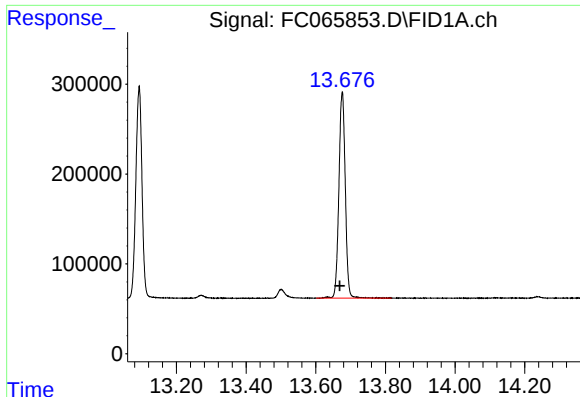
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 2909513
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

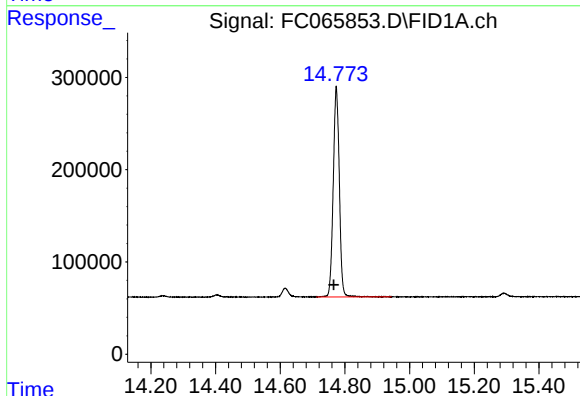
R.T.: 12.927 min
Delta R.T.: 0.006 min
Response: 2462354
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

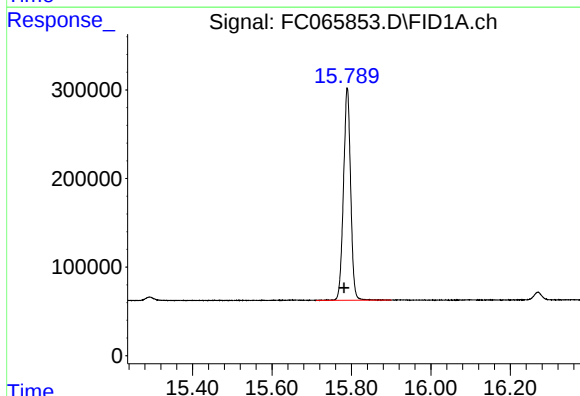
R.T.: 13.676 min
Delta R.T.: 0.007 min
Response: 2927910
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :



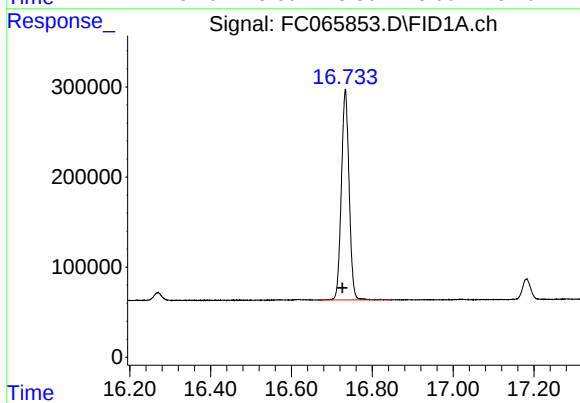
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.008 min
Response: 2977555
Conc: 20.03 ug/ml



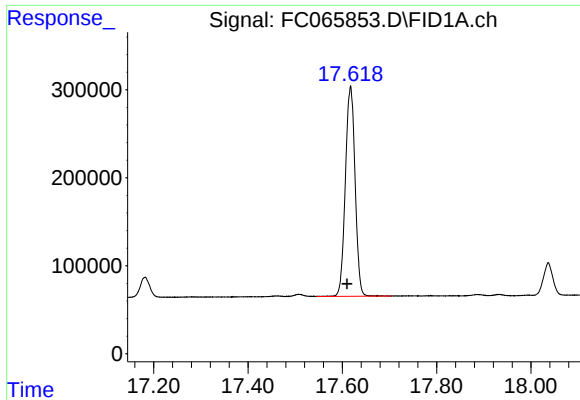
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.008 min
Response: 2994991
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

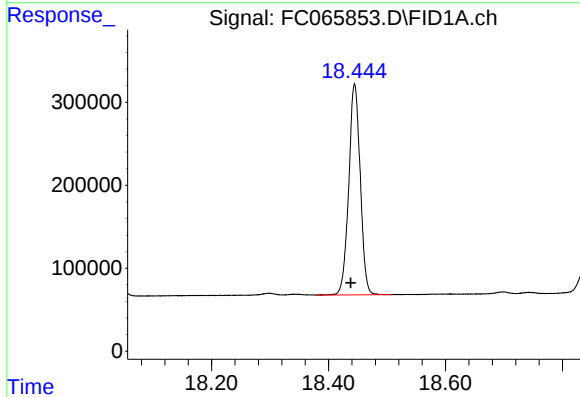
R.T.: 16.733 min
Delta R.T.: 0.007 min
Response: 3105910
Conc: 21.17 ug/ml



#17 n-Tricontane (C30)

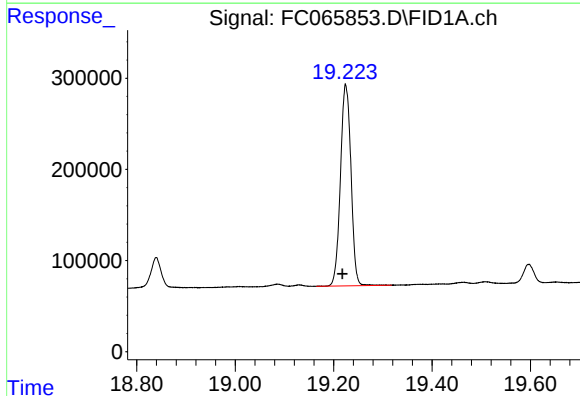
R.T.: 17.617 min
Delta R.T.: 0.007 min
Response: 3401164
Conc: 22.66 ug/ml

Instrument :
FID_C
ClientSampleId :



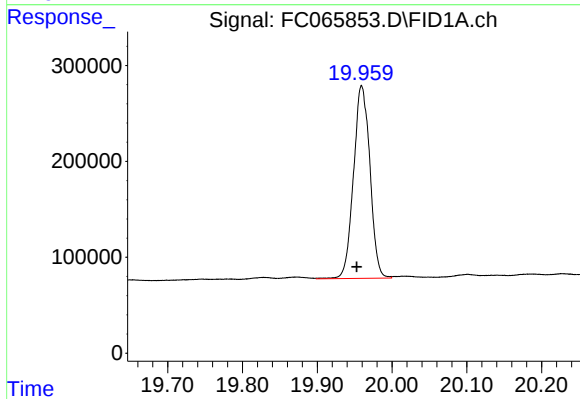
#18 n-Dotriacontane (C32)

R.T.: 18.445 min
Delta R.T.: 0.007 min
Response: 3467588
Conc: 23.45 ug/ml



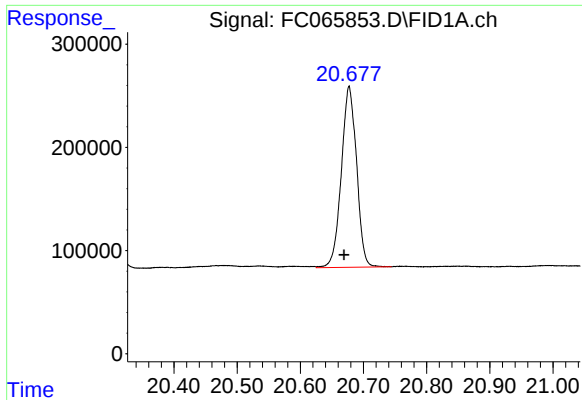
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.007 min
Response: 3281107
Conc: 22.64 ug/ml



#20 n-Hexatriacontane (C36)

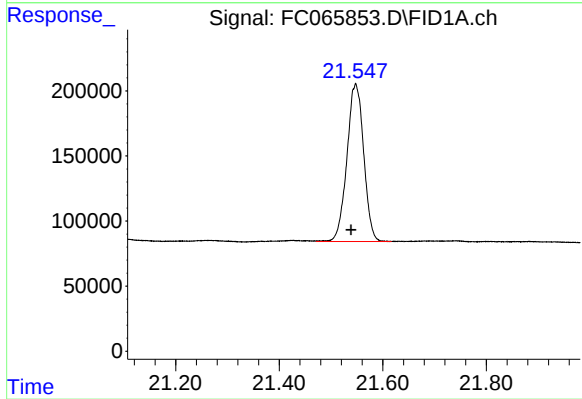
R.T.: 19.960 min
Delta R.T.: 0.007 min
Response: 3067440
Conc: 21.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: 0.008 min
Response: 2936013
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: 0.008 min
Response: 2722606
Conc: 19.52 ug/ml