

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121123AL\
 Data File : FC065368.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2023 10:05
 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: Dec 11 10:44:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 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)	11.506	4540003	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	12.937	3207283	19.369 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.301	3705729	18.506 ug/ml
2) T n-Decane (C10)	4.361	3878086	19.295 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3898494	19.202 ug/ml
4) T n-Dodecane (C12)	6.373	3961802	19.482 ug/ml
5) T A~2-methylnaphthalene...	6.997	3845491	19.785 ug/ml
6) T n-Tetradecane (C14)	8.161	3892442	19.586 ug/ml
7) T n-Hexadecane (C16)	9.757	3908482	19.731 ug/ml
8) T n-Octadecane (C18)	11.193	3875974	19.569 ug/ml
10) T n-Eicosane (C20)	12.496	3715188	19.633 ug/ml
11) T n-Heneicosane (C21)	13.105	3608413	19.529 ug/ml
13) T n-Docosane (C22)	13.689	3607922	19.998 ug/ml
14) T n-Tetracosane (C24)	14.786	3595264	20.737 ug/ml
15) T n-Hexacosane (C26)	15.804	3549478	21.316 ug/ml
16) T n-Octacosane (C28)	16.749	3560969	22.264 ug/ml
17) T n-Tricontane (C30)	17.632	3694835	23.204 ug/ml
18) T n-Dotriacontane (C32)	18.462	3629888	23.090 ug/ml
19) T n-Tetratriacontane (C34)	19.242	3312423	21.465 ug/ml
20) T n-Hexatriacontane (C36)	19.978	3170076	20.681 ug/ml
21) T n-Octatriacontane (C38)	20.699	3033409	19.949 ug/ml
22) T n-Tetracontane (C40)	21.578	2960783	19.751 ug/ml

(f)=RT Delta > 1/2 Window

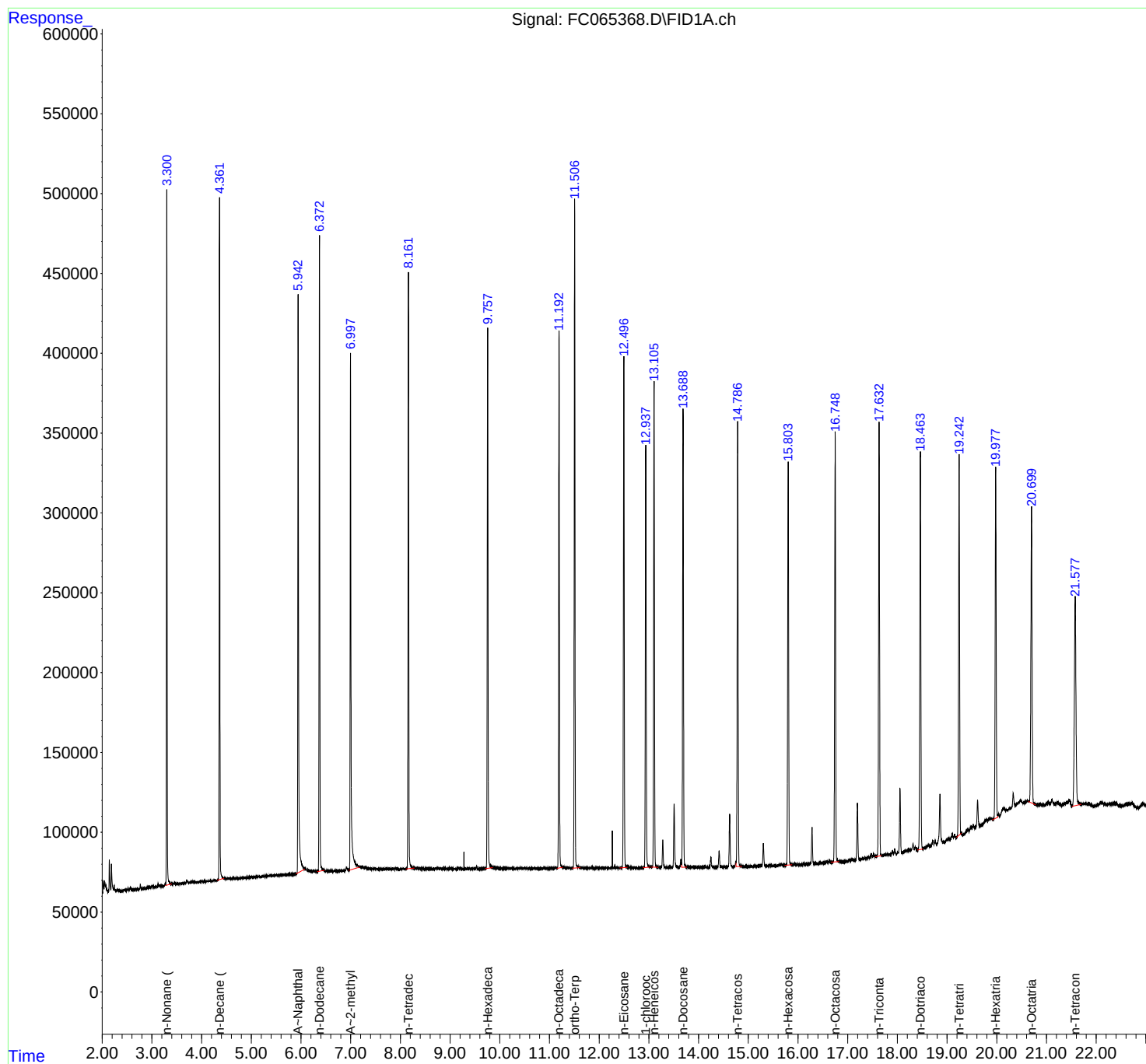
(m)=manual int.

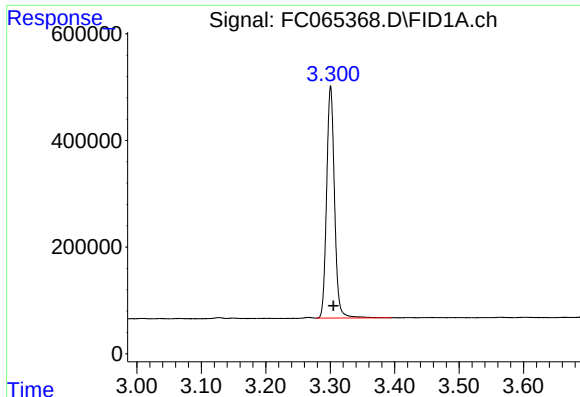
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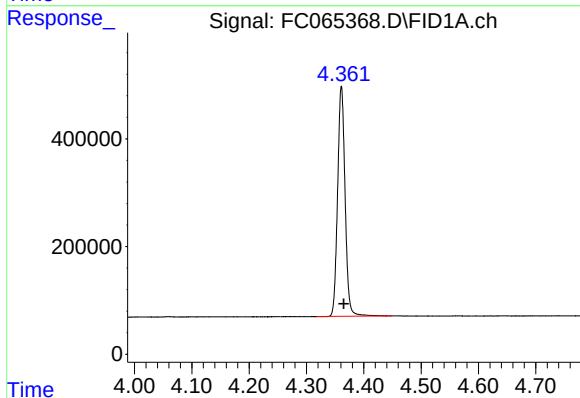




#1 n-Nonane (C9)

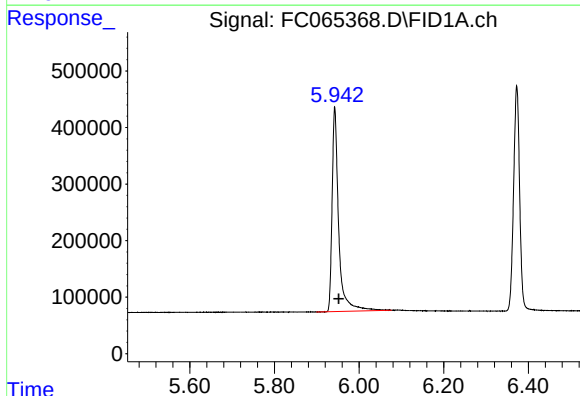
R.T.: 3.301 min
Delta R.T.: -0.004 min
Response: 3705729
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :



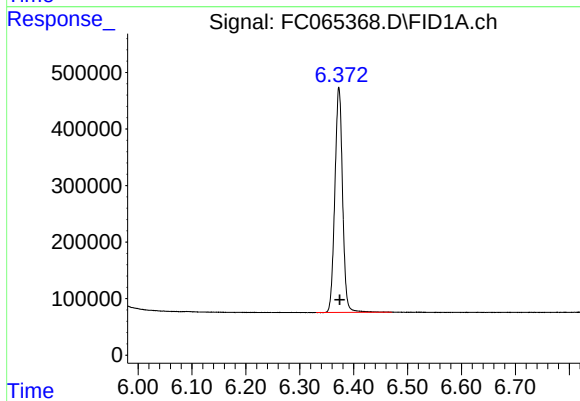
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 3878086
Conc: 19.29 ug/ml



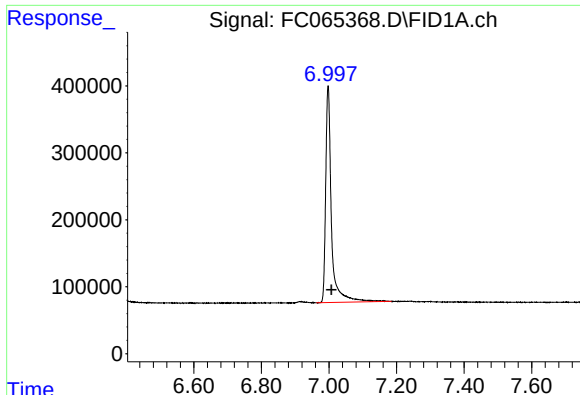
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3898494
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

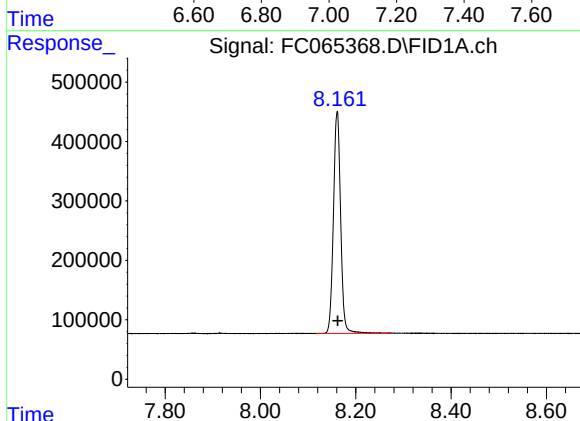
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 3961802
Conc: 19.48 ug/ml



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

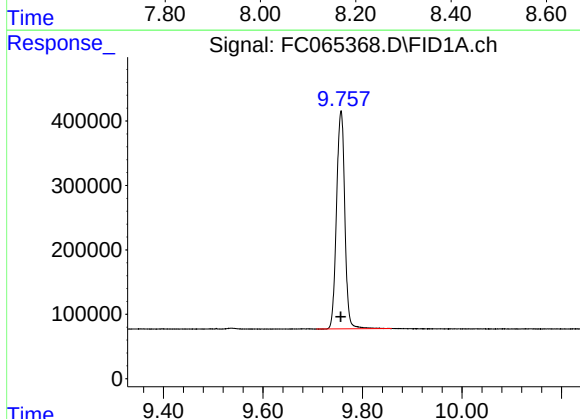
R.T.: 6.997 min
Delta R.T.: -0.009 min
Response: 3845491
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :



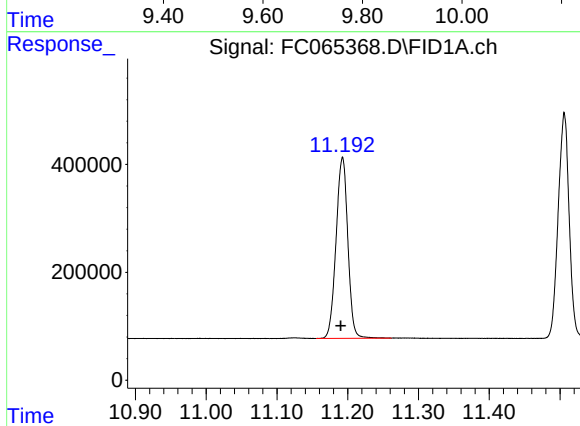
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.001 min
Response: 3892442
Conc: 19.59 ug/ml



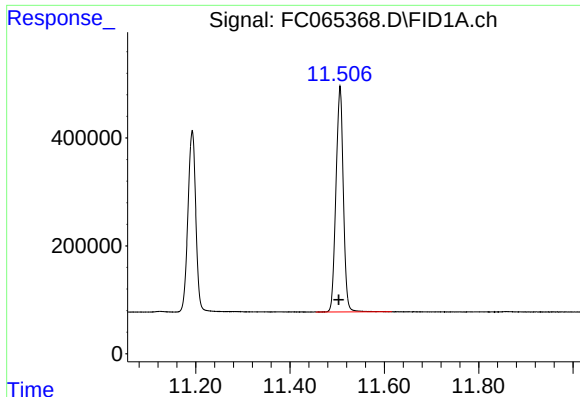
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.001 min
Response: 3908482
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

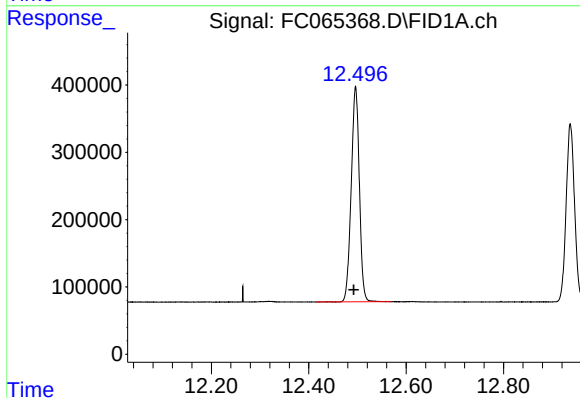
R.T.: 11.193 min
Delta R.T.: 0.003 min
Response: 3875974
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

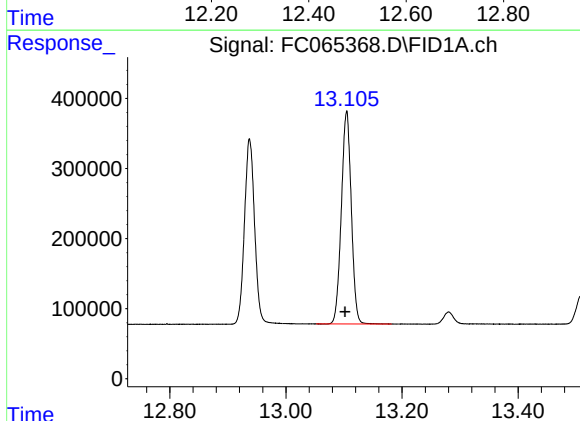
R.T.: 11.506 min
Delta R.T.: 0.003 min
Response: 4540003
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :



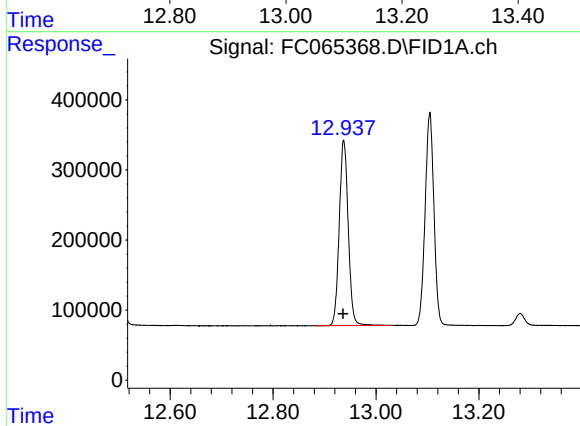
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.004 min
Response: 3715188
Conc: 19.63 ug/ml



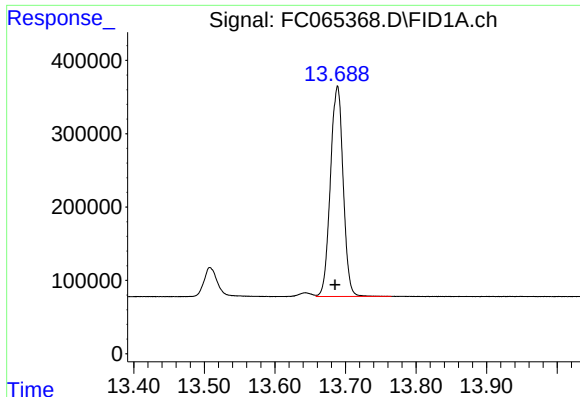
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.003 min
Response: 3608413
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

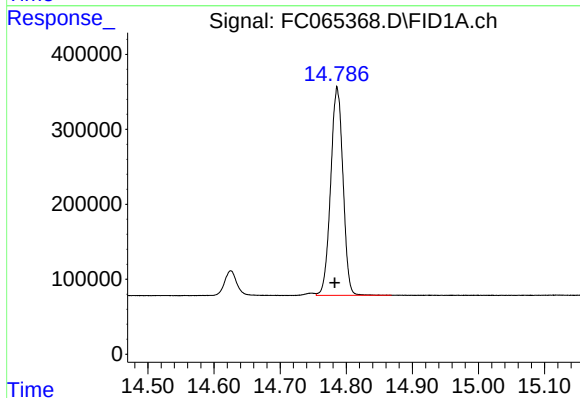
R.T.: 12.937 min
Delta R.T.: 0.001 min
Response: 3207283
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

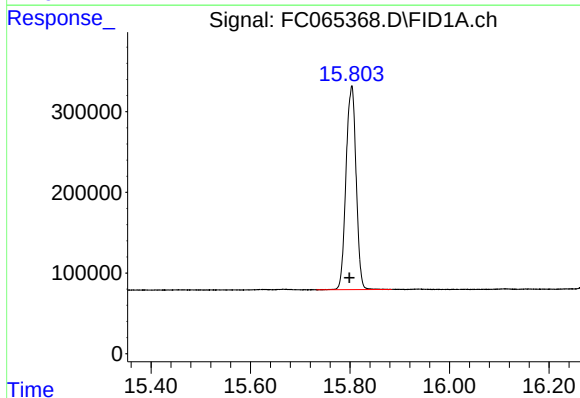
R.T.: 13.689 min
Delta R.T.: 0.004 min
Response: 3607922
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :



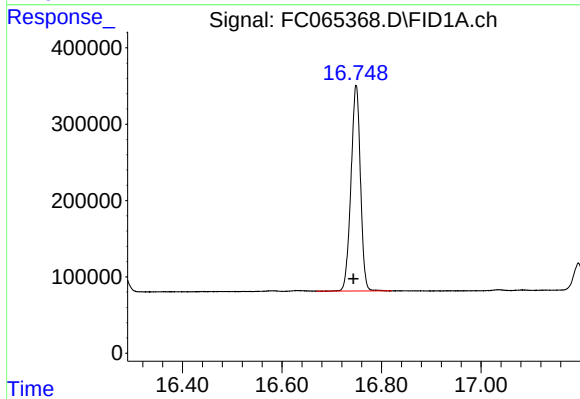
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: 0.004 min
Response: 3595264
Conc: 20.74 ug/ml



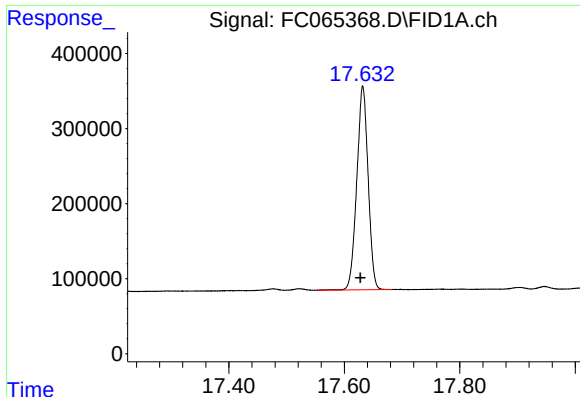
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.004 min
Response: 3549478
Conc: 21.32 ug/ml



#16 n-Octacosane (C28)

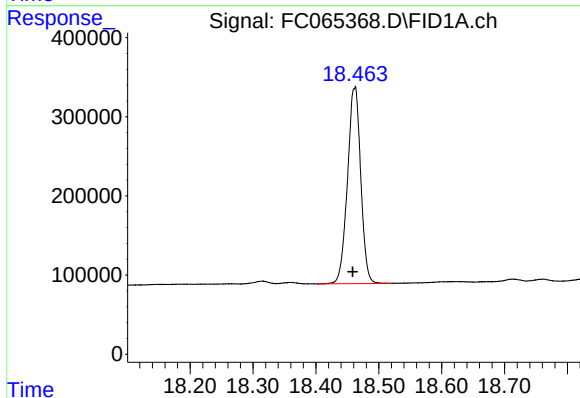
R.T.: 16.749 min
Delta R.T.: 0.005 min
Response: 3560969
Conc: 22.26 ug/ml



#17 n-Tricontane (C30)

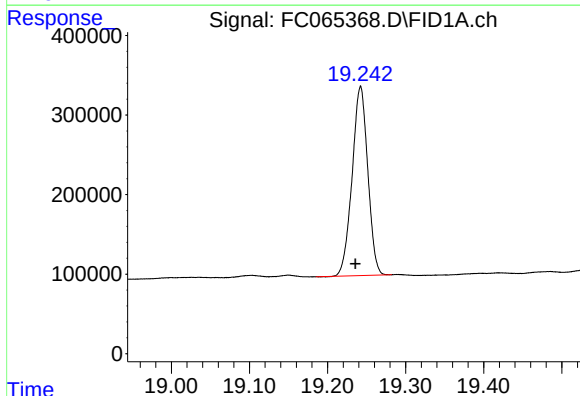
R.T.: 17.632 min
Delta R.T.: 0.004 min
Response: 3694835
Conc: 23.20 ug/ml

Instrument :
FID_C
ClientSampleId :



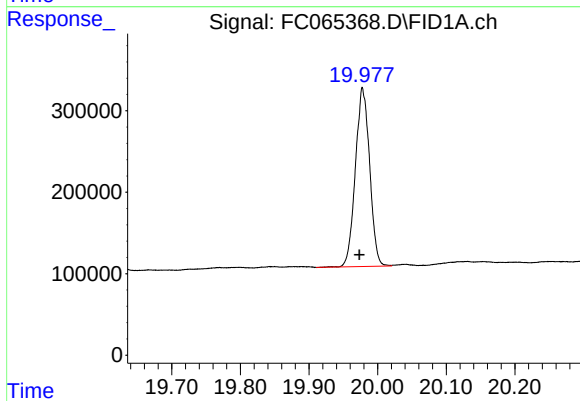
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: 0.003 min
Response: 3629888
Conc: 23.09 ug/ml



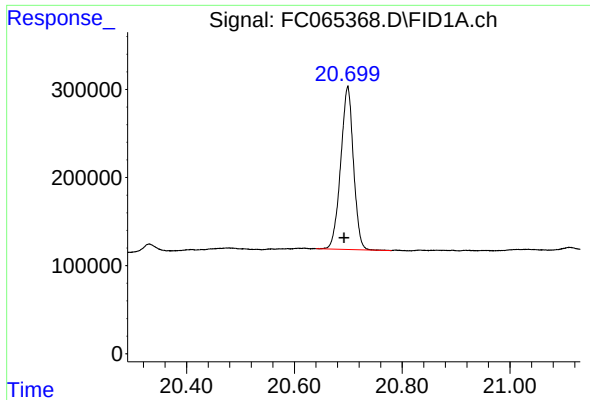
#19 n-Tetratriacontane (C34)

R.T.: 19.242 min
Delta R.T.: 0.007 min
Response: 3312423
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

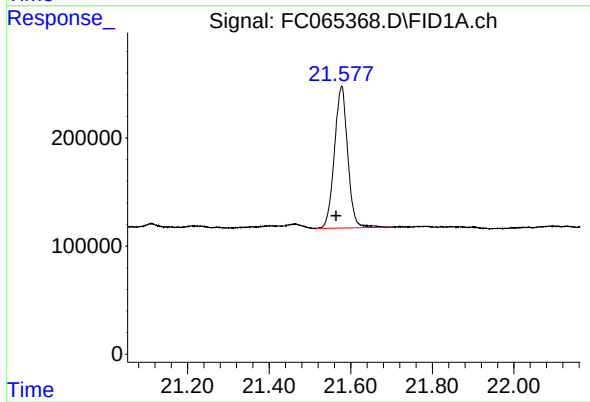
R.T.: 19.978 min
Delta R.T.: 0.005 min
Response: 3170076
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: 0.007 min
Response: 3033409
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: 0.014 min
Response: 2960783
Conc: 19.75 ug/ml