

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070723AL\
 Data File : FC064067.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2023 09:18
 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: Jul 07 16:15:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.522	4364263	22.477 ug/ml
Spiked Amount 50.000		Recovery =	44.95%
12) S 1-chlorooctadecane (S...	12.955	3136921	22.547 ug/ml
Spiked Amount 50.000		Recovery =	45.09%
Target Compounds			
1) T n-Nonane (C9)	3.306	3968942	22.254 ug/ml
2) T n-Decane (C10)	4.368	4020292	22.217 ug/ml
3) T A~Naphthalene (C11.7)	5.948	4212157	22.582 ug/ml
4) T n-Dodecane (C12)	6.381	4011970	22.270 ug/ml
5) T A~2-methylnaphthalene...	7.003	3992208	22.684 ug/ml
6) T n-Tetradecane (C14)	8.172	3883517	22.449 ug/ml
7) T n-Hexadecane (C16)	9.770	3912222	22.521 ug/ml
8) T n-Octadecane (C18)	11.208	3891504	22.580 ug/ml
10) T n-Eicosane (C20)	12.513	3650960	22.365 ug/ml
11) T n-Heneicosane (C21)	13.124	3554465	22.185 ug/ml
13) T n-Docosane (C22)	13.707	3501129	22.281 ug/ml
14) T n-Tetracosane (C24)	14.806	3424824	21.728 ug/ml
15) T n-Hexacosane (C26)	15.825	3344973	22.140 ug/ml
16) T n-Octacosane (C28)	16.772	3267103	21.682 ug/ml
17) T n-Tricontane (C30)	17.657	3342586	21.409 ug/ml
18) T n-Dotriacontane (C32)	18.484	3343371	21.164 ug/ml
19) T n-Tetratriacontane (C34)	19.267	3284240	21.343 ug/ml
20) T n-Hexatriacontane (C36)	20.004	3012085	20.402 ug/ml
21) T n-Octatriacontane (C38)	20.727	3077363	20.775 ug/ml
22) T n-Tetracontane (C40)	21.617	3009330	20.646 ug/ml

(f)=RT Delta > 1/2 Window

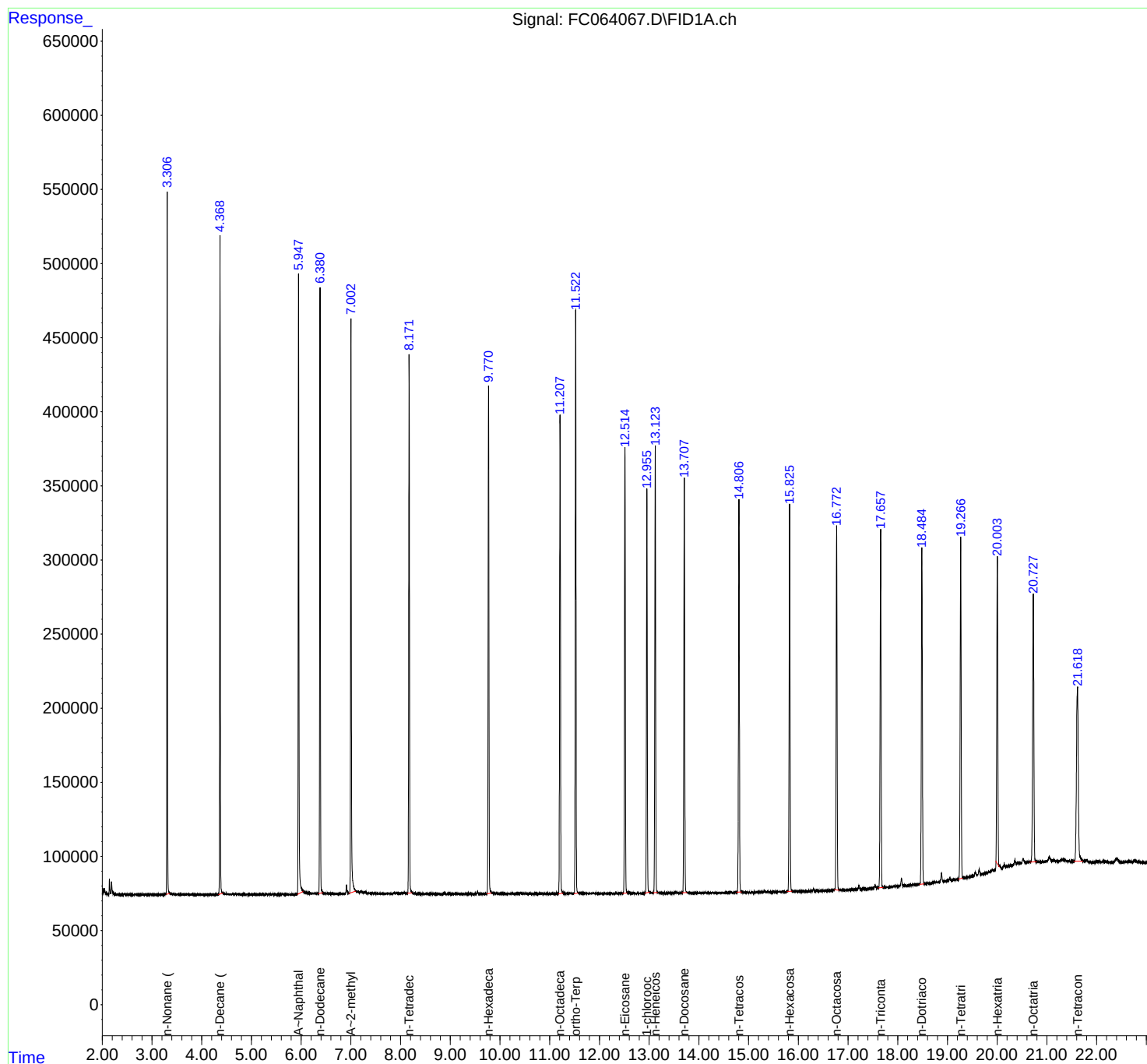
(m)=manual int.

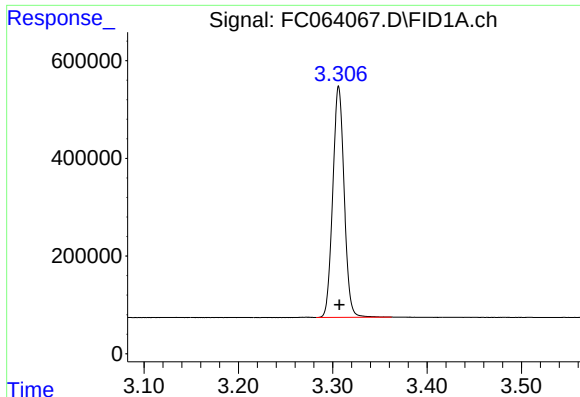
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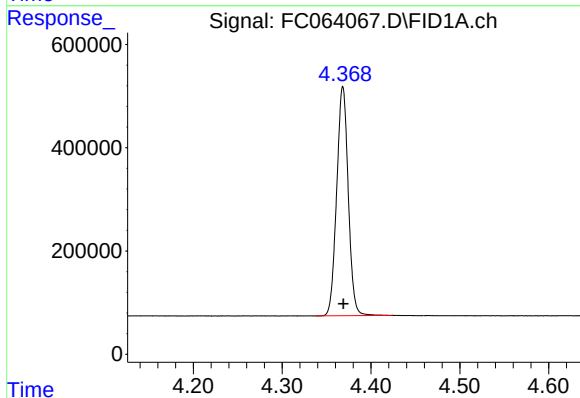




#1 n-Nonane (C9)

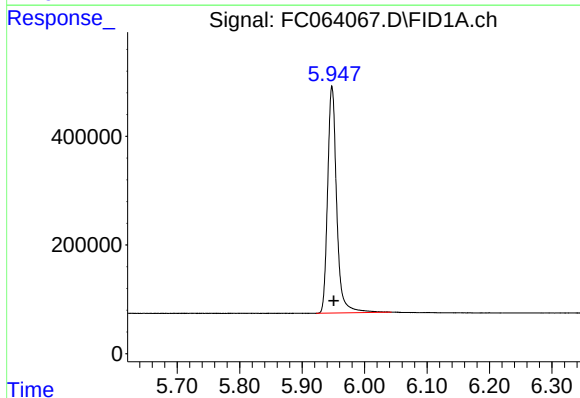
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 3968942
Conc: 22.25 ug/ml

Instrument :
FID_C
ClientSampleId :



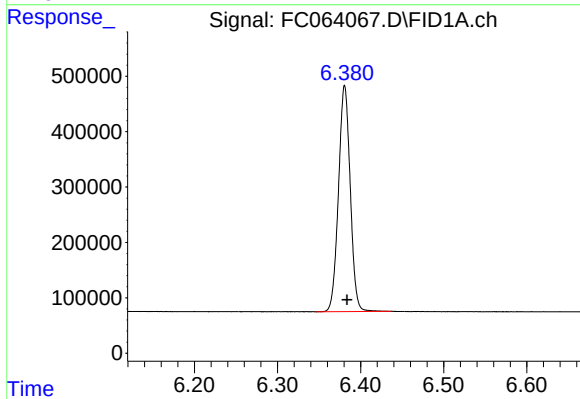
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 4020292
Conc: 22.22 ug/ml



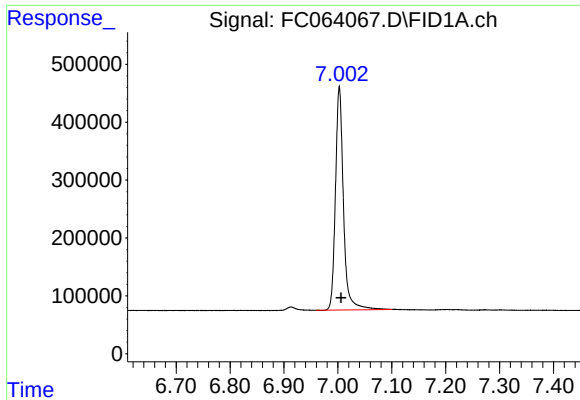
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 4212157
Conc: 22.58 ug/ml



#4 n-Dodecane (C12)

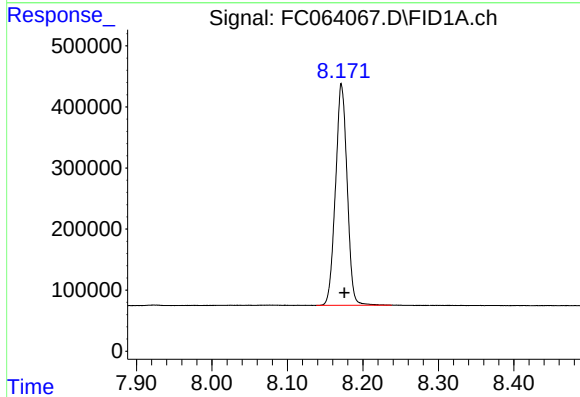
R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 4011970
Conc: 22.27 ug/ml



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

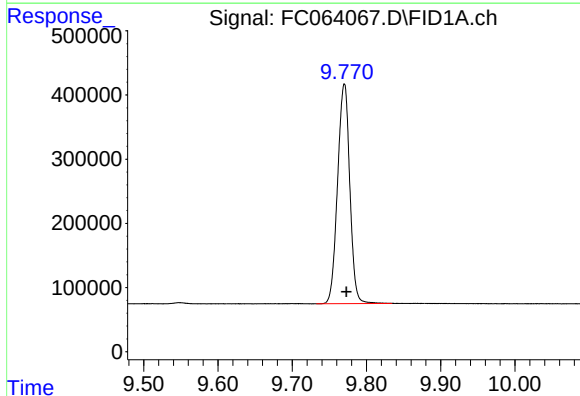
R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 3992208
Conc: 22.68 ug/ml

Instrument :
FID_C
ClientSampleId :



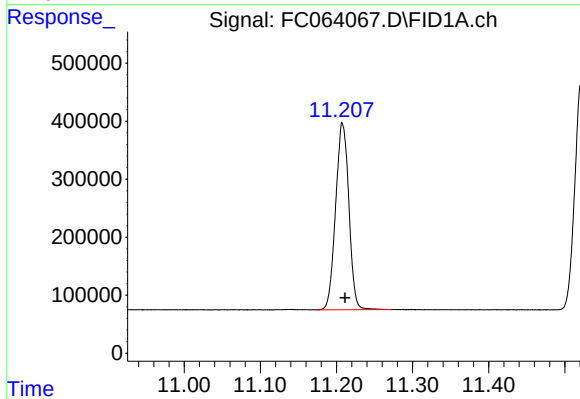
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.004 min
Response: 3883517
Conc: 22.45 ug/ml



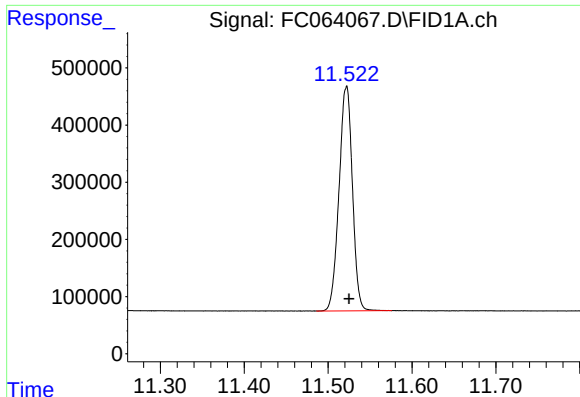
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 3912222
Conc: 22.52 ug/ml



#8 n-Octadecane (C18)

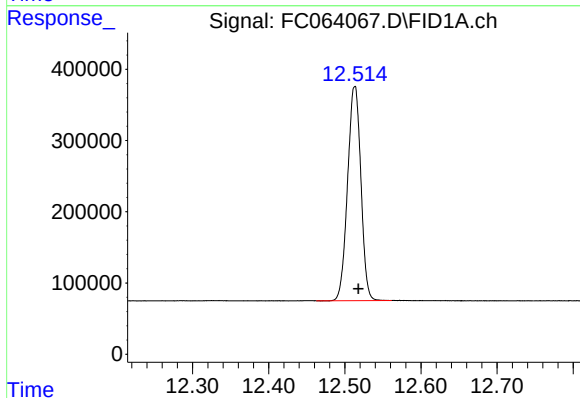
R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3891504
Conc: 22.58 ug/ml



#9 ortho-Terphenyl (SURR)

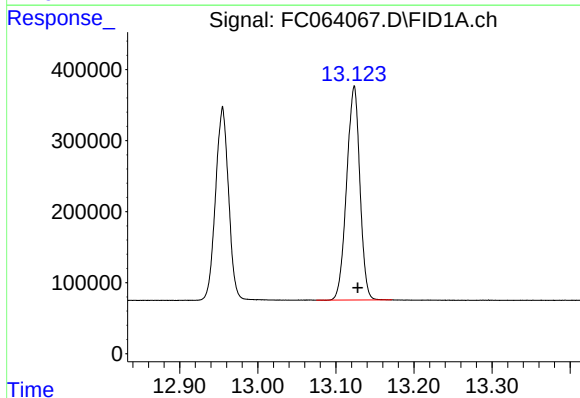
R.T.: 11.522 min
Delta R.T.: -0.003 min
Response: 4364263
Conc: 22.48 ug/ml

Instrument :
FID_C
ClientSampleId :



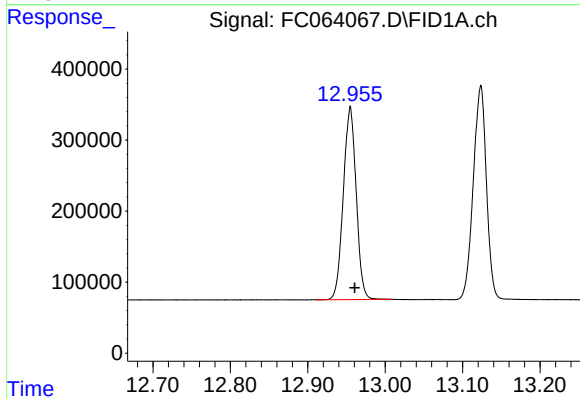
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.005 min
Response: 3650960
Conc: 22.36 ug/ml



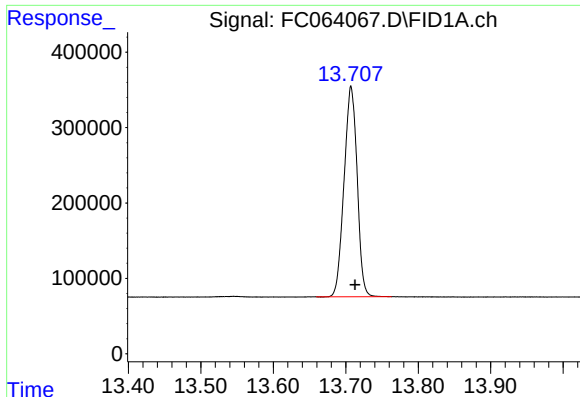
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.004 min
Response: 3554465
Conc: 22.18 ug/ml



#12 1-chlorooctadecane (SURR)

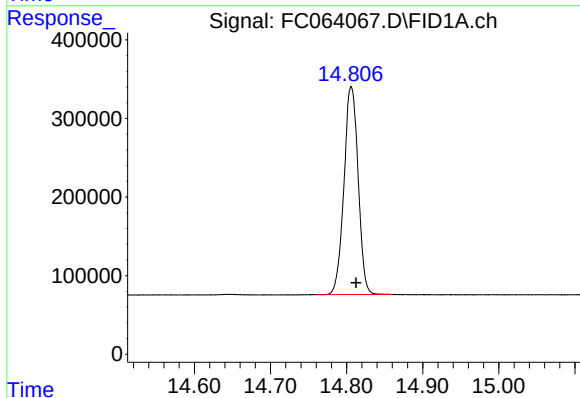
R.T.: 12.955 min
Delta R.T.: -0.006 min
Response: 3136921
Conc: 22.55 ug/ml



#13 n-Docosane (C22)

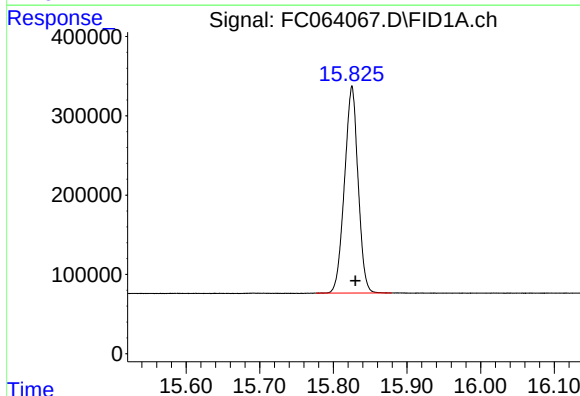
R.T.: 13.707 min
Delta R.T.: -0.005 min
Response: 3501129
Conc: 22.28 ug/ml

Instrument :
FID_C
ClientSampleId :



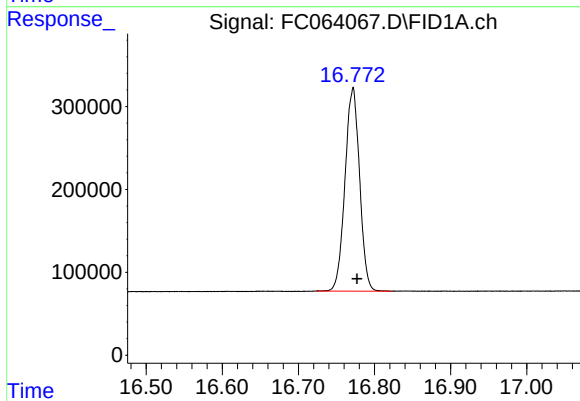
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: -0.006 min
Response: 3424824
Conc: 21.73 ug/ml



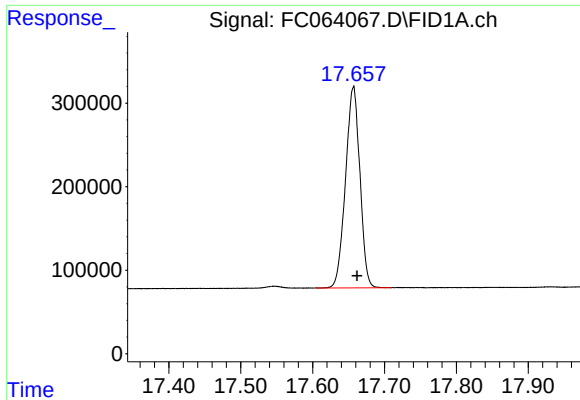
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.005 min
Response: 3344973
Conc: 22.14 ug/ml



#16 n-Octacosane (C28)

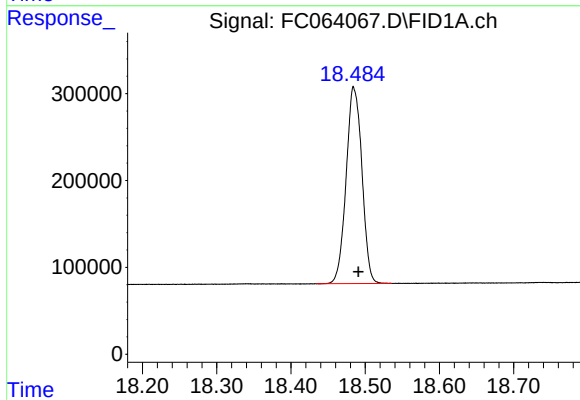
R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 3267103
Conc: 21.68 ug/ml



#17 n-Tricontane (C30)

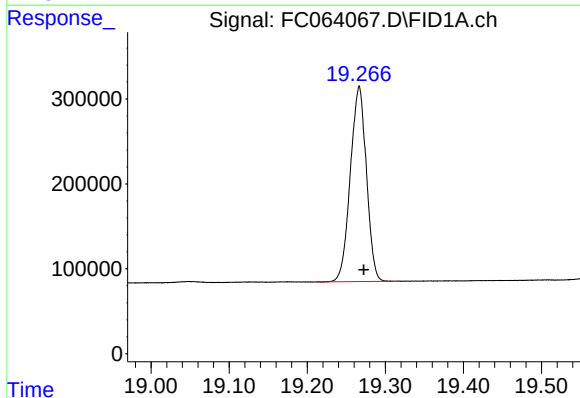
R.T.: 17.657 min
Delta R.T.: -0.005 min
Response: 3342586
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :



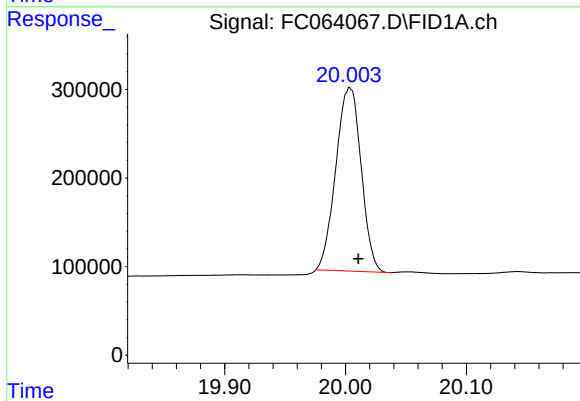
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.007 min
Response: 3343371
Conc: 21.16 ug/ml



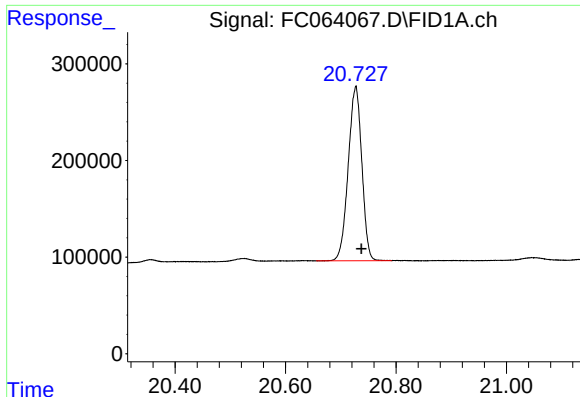
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.006 min
Response: 3284240
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

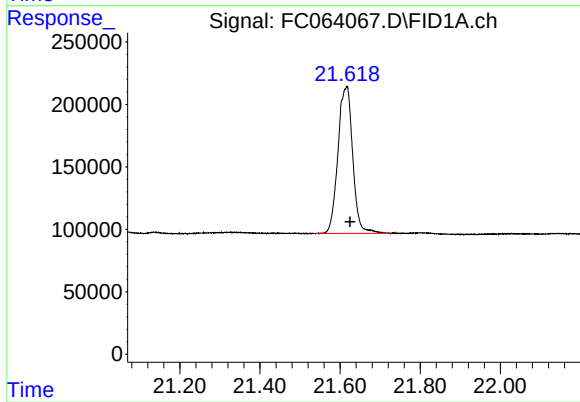
R.T.: 20.004 min
Delta R.T.: -0.007 min
Response: 3012085
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.010 min
Response: 3077363
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.008 min
Response: 3009330
Conc: 20.65 ug/ml