

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065254.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 07:27
 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 21 07:59:43 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)	11.504	4486440	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.936	3230492	20.435 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T n-Nonane (C9)	3.306	3895272	20.603 ug/ml
2) T n-Decane (C10)	4.365	3954919	20.800 ug/ml
3) T A~Naphthalene (C11.7)	5.946	4092733	21.198 ug/ml
4) T n-Dodecane (C12)	6.375	3985706	20.633 ug/ml
5) T A~2-methylnaphthalene...	7.000	3880880	21.119 ug/ml
6) T n-Tetradecane (C14)	8.163	3887887	20.605 ug/ml
7) T n-Hexadecane (C16)	9.756	3927078	20.776 ug/ml
8) T n-Octadecane (C18)	11.191	3888322	20.603 ug/ml
10) T n-Eicosane (C20)	12.493	3680914	20.474 ug/ml
11) T n-Heneicosane (C21)	13.103	3586951	20.430 ug/ml
13) T n-Docosane (C22)	13.686	3497925	20.364 ug/ml
14) T n-Tetracosane (C24)	14.783	3354458	20.140 ug/ml
15) T n-Hexacosane (C26)	15.798	3218917	20.055 ug/ml
16) T n-Octacosane (C28)	16.743	3069817	19.615 ug/ml
17) T n-Tricontane (C30)	17.626	3185970	20.114 ug/ml
18) T n-Dotriacontane (C32)	18.456	3181256	20.148 ug/ml
19) T n-Tetratriacontane (C34)	19.236	3106078	20.349 ug/ml
20) T n-Hexatriacontane (C36)	19.973	3008254	19.938 ug/ml
21) T n-Octatriacontane (C38)	20.692	2955440	19.860 ug/ml
22) T n-Tetracontane (C40)	21.565	2884719	19.613 ug/ml

(f)=RT Delta > 1/2 Window

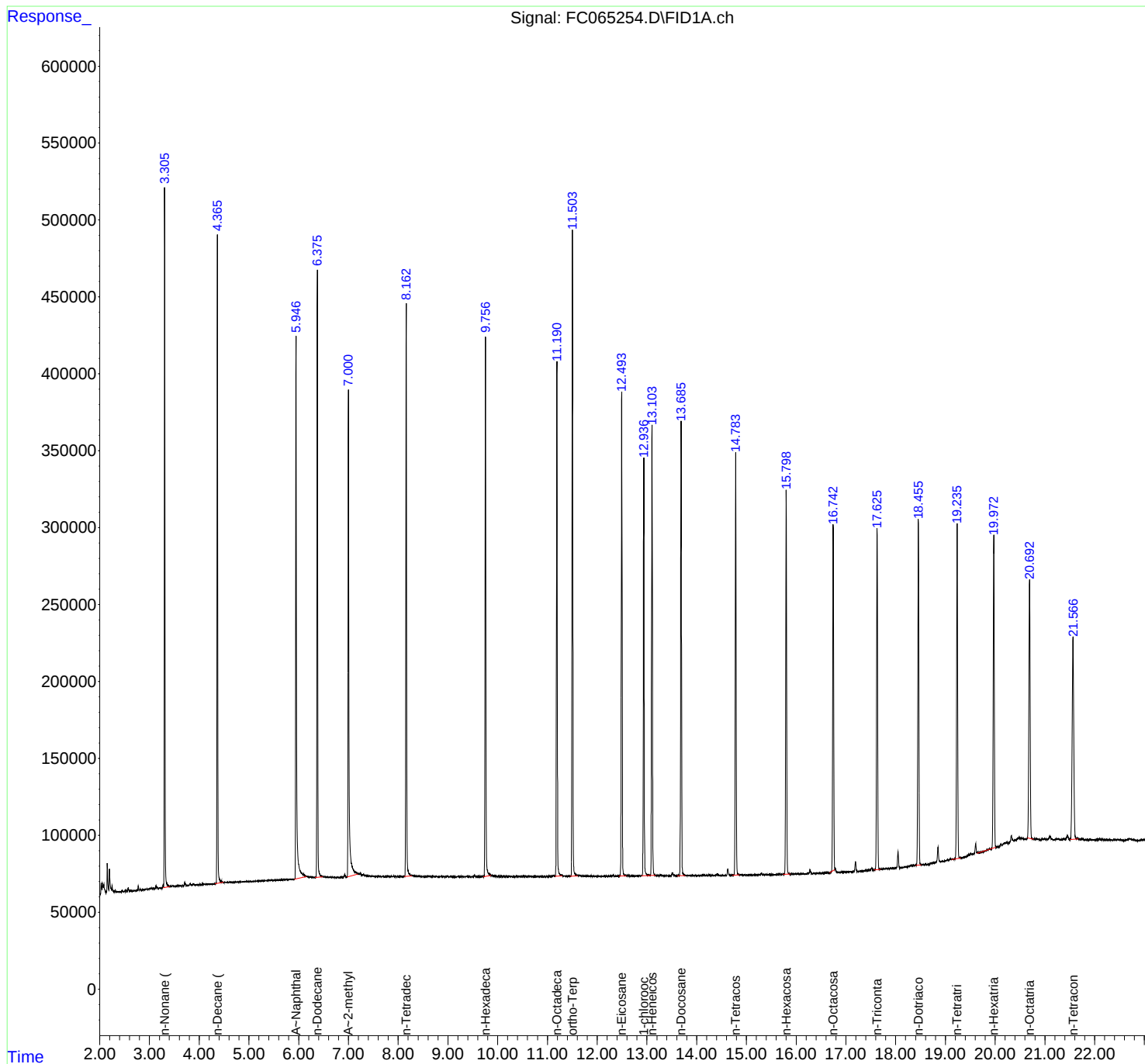
(m)=manual int.

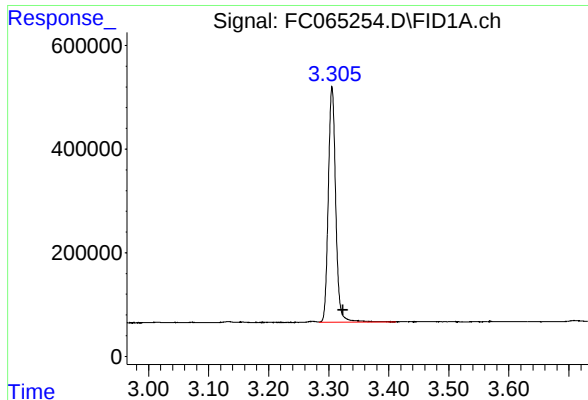
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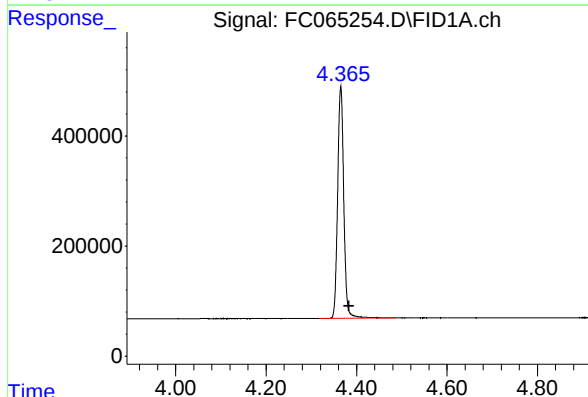




#1 n-Nonane (C9)

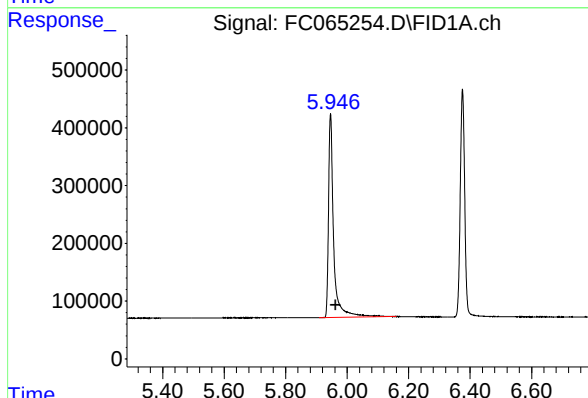
R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 3895272
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :



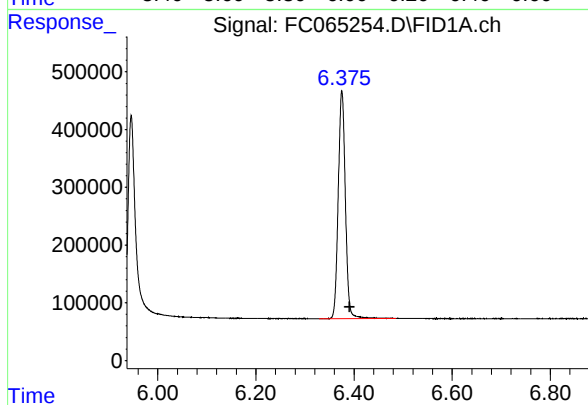
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.018 min
Response: 3954919
Conc: 20.80 ug/ml



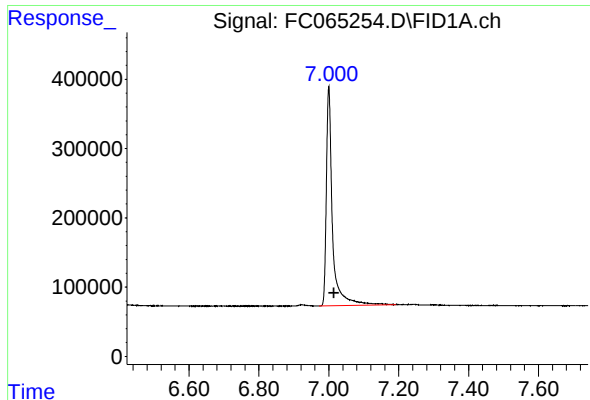
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.017 min
Response: 4092733
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

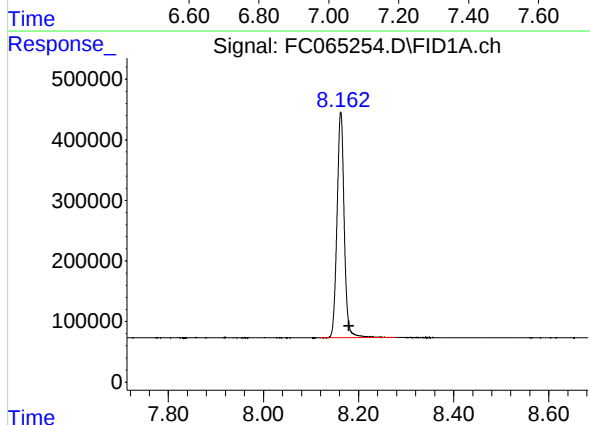
R.T.: 6.375 min
Delta R.T.: -0.016 min
Response: 3985706
Conc: 20.63 ug/ml



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

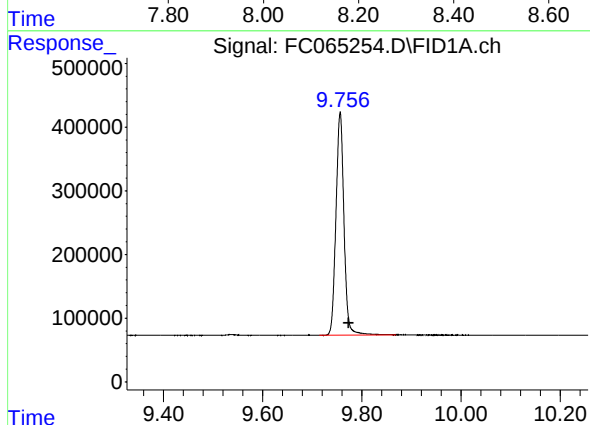
R.T.: 7.000 min
Delta R.T.: -0.016 min
Response: 3880880
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :



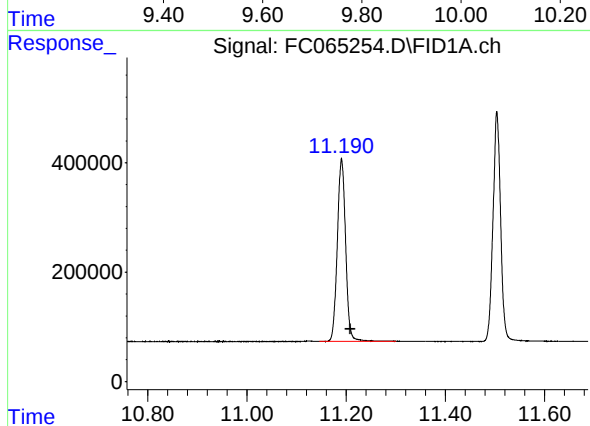
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.017 min
Response: 3887887
Conc: 20.60 ug/ml



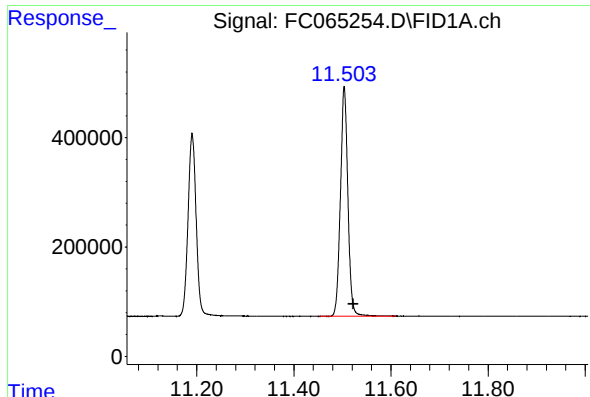
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: -0.017 min
Response: 3927078
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

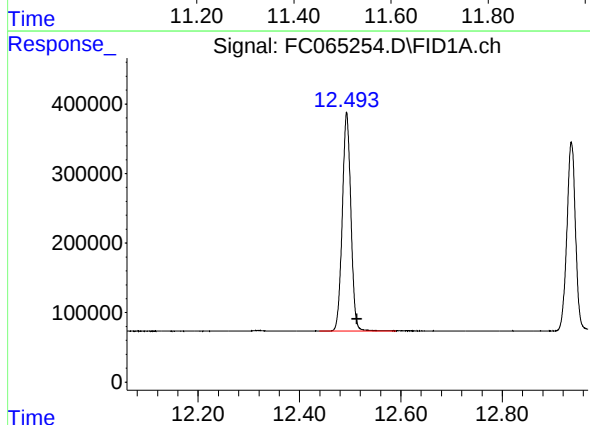
R.T.: 11.191 min
Delta R.T.: -0.018 min
Response: 3888322
Conc: 20.60 ug/ml



#9 ortho-Terphenyl (SURR)

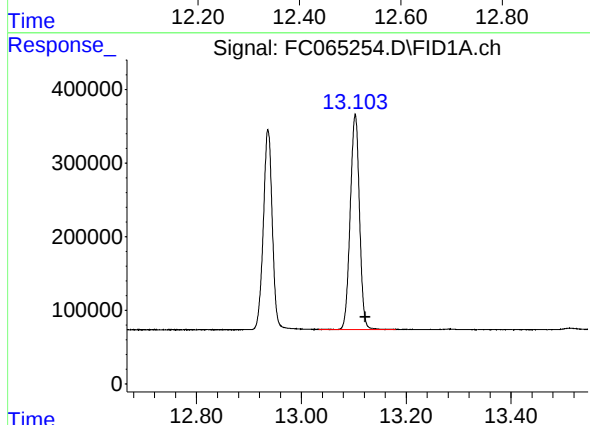
R.T.: 11.504 min
Delta R.T.: -0.019 min
Response: 4486440
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :



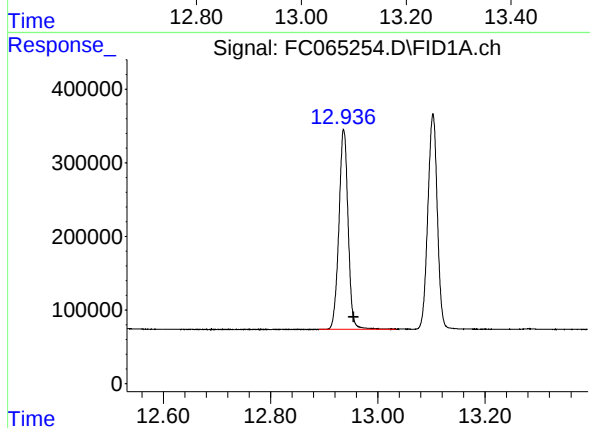
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: -0.020 min
Response: 3680914
Conc: 20.47 ug/ml



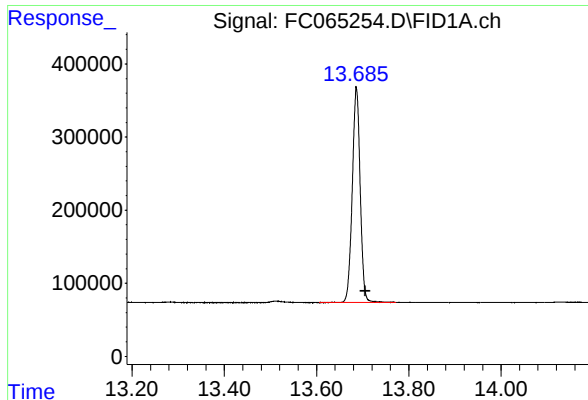
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.019 min
Response: 3586951
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

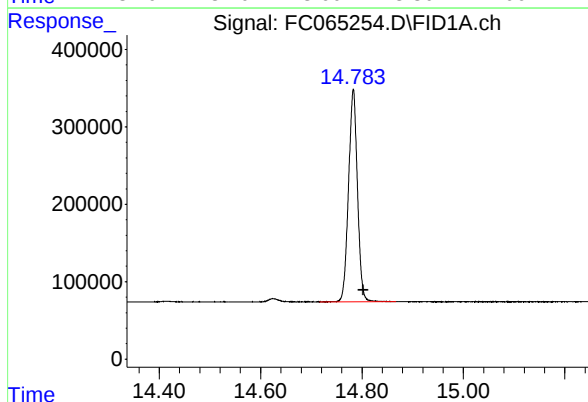
R.T.: 12.936 min
Delta R.T.: -0.018 min
Response: 3230492
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

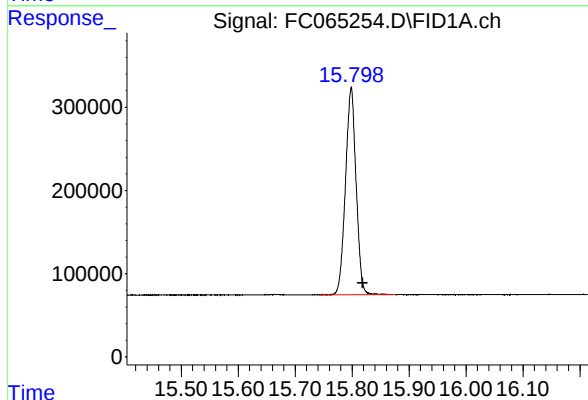
R.T.: 13.686 min
Delta R.T.: -0.019 min
Response: 3497925
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :



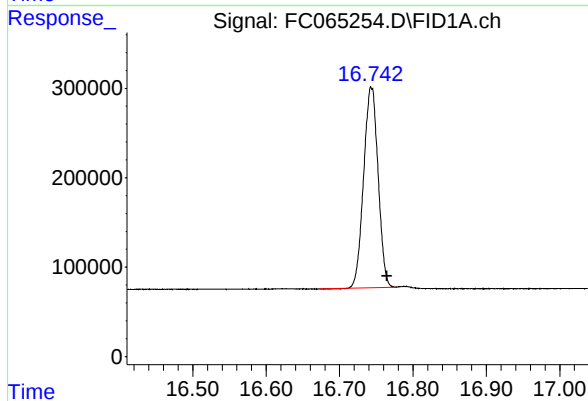
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.019 min
Response: 3354458
Conc: 20.14 ug/ml



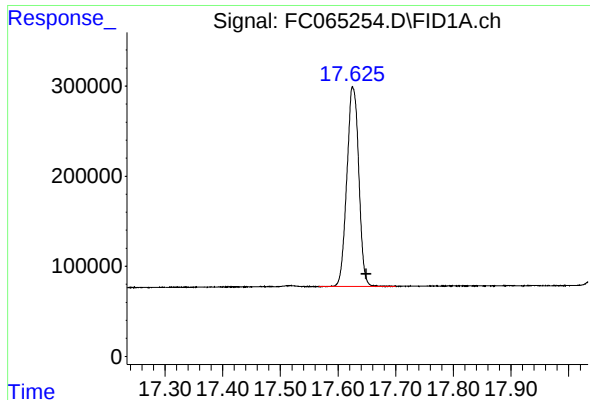
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: -0.020 min
Response: 3218917
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

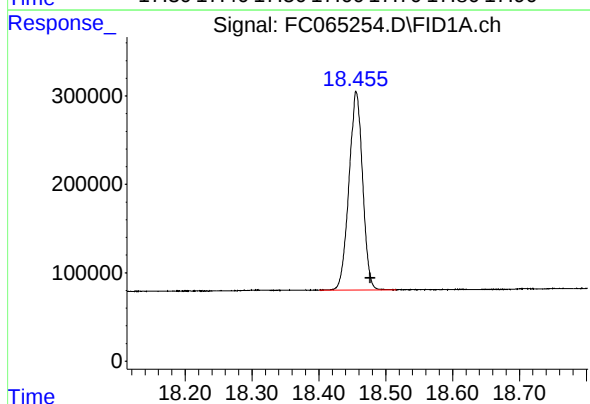
R.T.: 16.743 min
Delta R.T.: -0.021 min
Response: 3069817
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

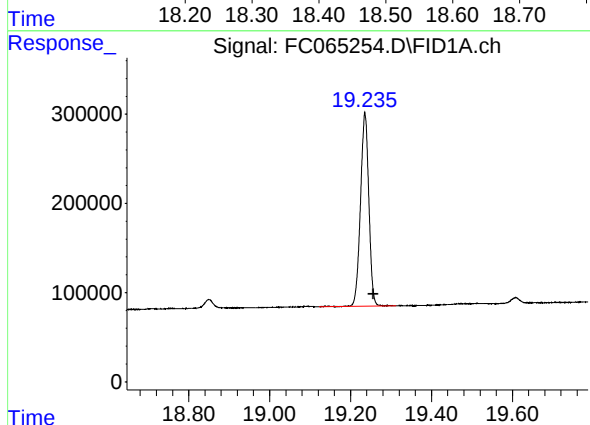
R.T.: 17.626 min
Delta R.T.: -0.024 min
Response: 3185970
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :



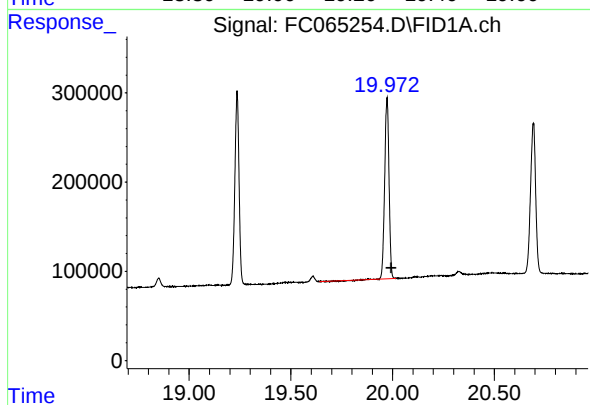
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.021 min
Response: 3181256
Conc: 20.15 ug/ml



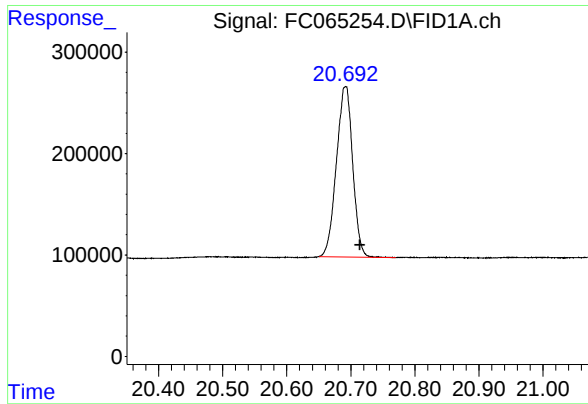
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: -0.020 min
Response: 3106078
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

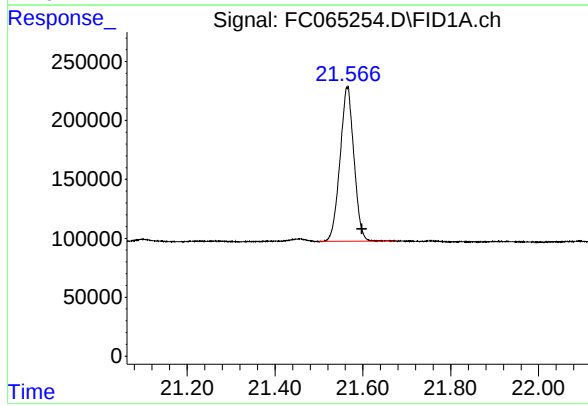
R.T.: 19.973 min
Delta R.T.: -0.021 min
Response: 3008254
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: -0.022 min
Response: 2955440
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: -0.033 min
Response: 2884719
Conc: 19.61 ug/ml