

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064580.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 21:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 15 01:30:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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	4118643	20.355 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.937	2971944	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T n-Nonane (C9)	3.301	3628908	20.535 ug/ml
2) T n-Decane (C10)	4.360	3699493	20.593 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3905984	20.791 ug/ml
4) T n-Dodecane (C12)	6.370	3715334	20.455 ug/ml
5) T A~2-methylnaphthalene...	6.992	3727388	20.901 ug/ml
6) T n-Tetradecane (C14)	8.159	3609981	20.345 ug/ml
7) T n-Hexadecane (C16)	9.754	3663119	20.378 ug/ml
8) T n-Octadecane (C18)	11.190	3685341	20.355 ug/ml
10) T n-Eicosane (C20)	12.494	3462823	20.329 ug/ml
11) T n-Heneicosane (C21)	13.104	3369458	20.344 ug/ml
13) T n-Docosane (C22)	13.689	3313618	20.340 ug/ml
14) T n-Tetracosane (C24)	14.787	3227115	20.327 ug/ml
15) T n-Hexacosane (C26)	15.805	3101897	20.321 ug/ml
16) T n-Octacosane (C28)	16.749	2997058	20.251 ug/ml
17) T n-Tricontane (C30)	17.633	3016616	20.306 ug/ml
18) T n-Dotriacontane (C32)	18.462	2957889	20.268 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2892249	20.344 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2807370	20.383 ug/ml
21) T n-Octatriacontane (C38)	20.702	2799945	20.430 ug/ml
22) T n-Tetracontane (C40)	21.579	2778801	20.428 ug/ml

(f)=RT Delta > 1/2 Window

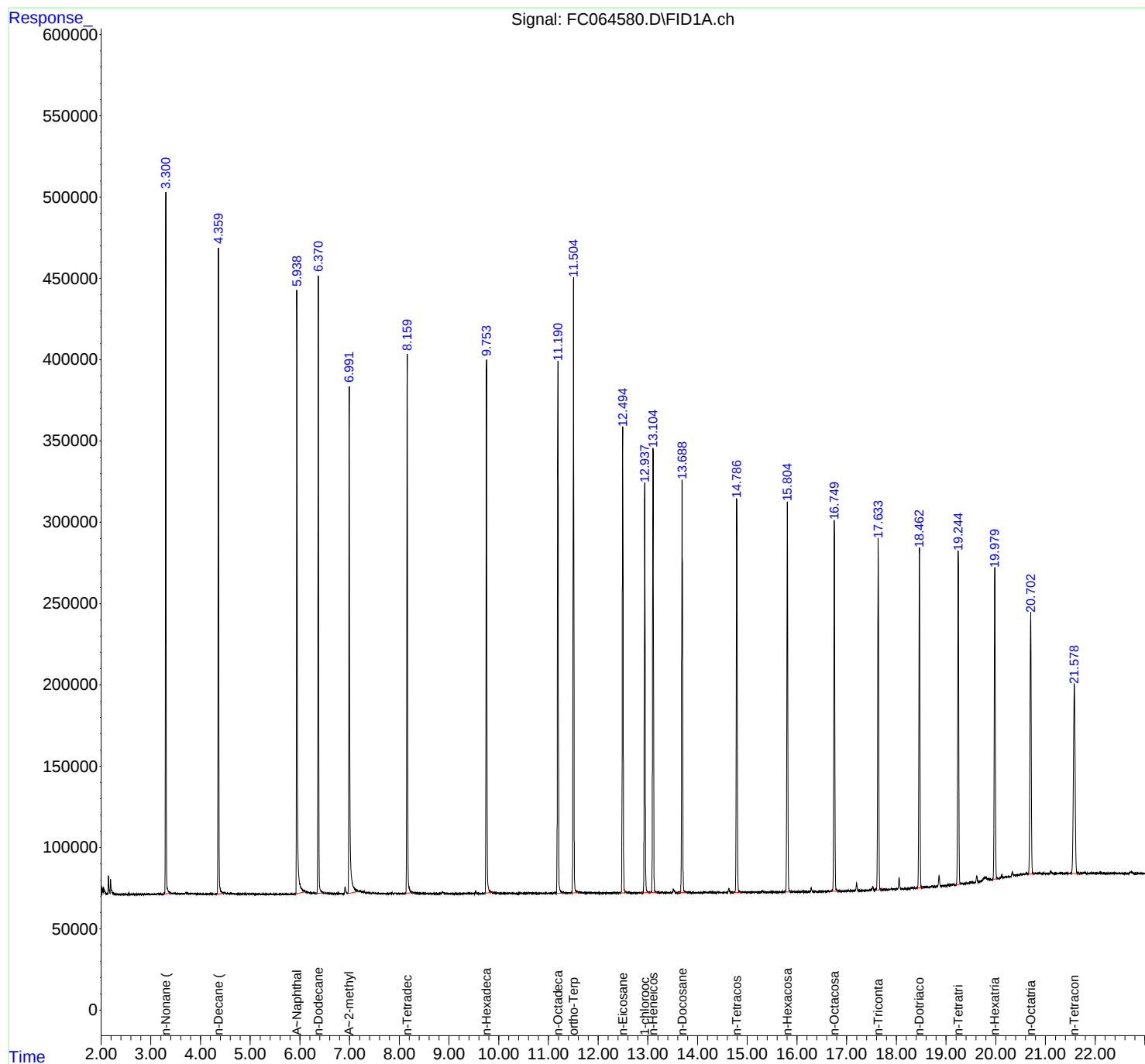
(m)=manual int.

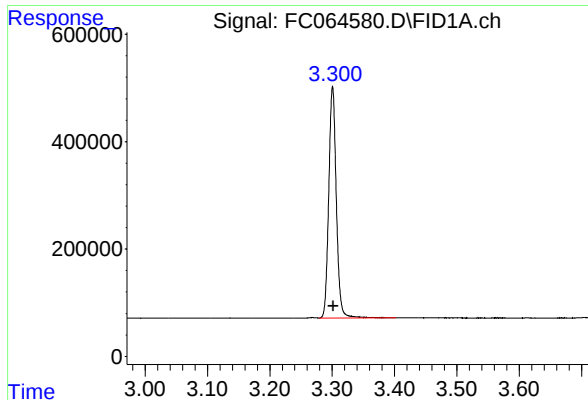
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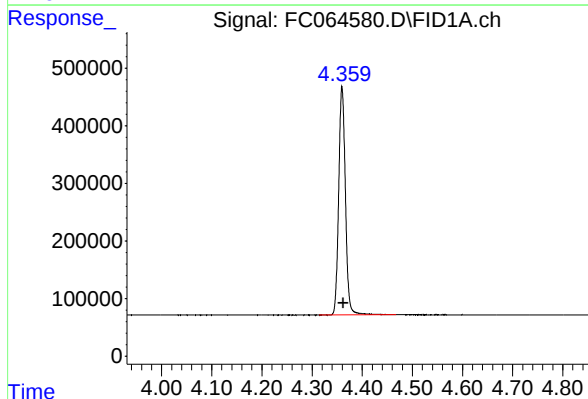




#1 n-Nonane (C9)

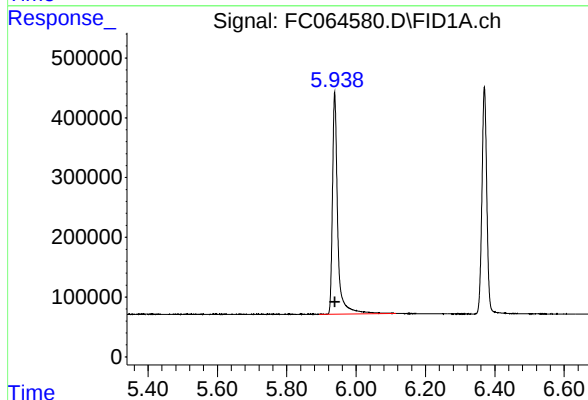
R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 3628908
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :



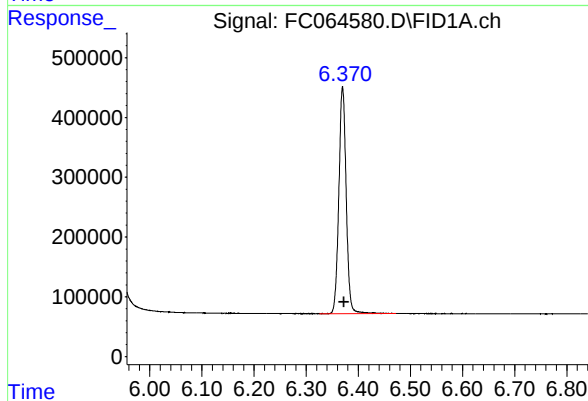
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 3699493
Conc: 20.59 ug/ml



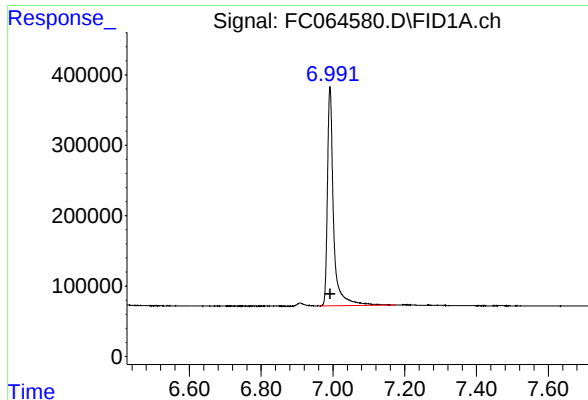
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 3905984
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

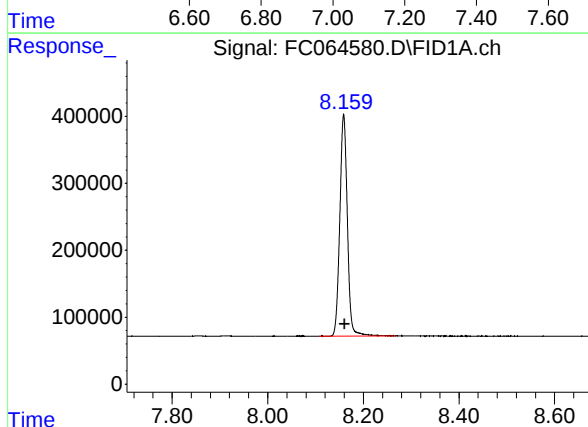
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 3715334
Conc: 20.45 ug/ml



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

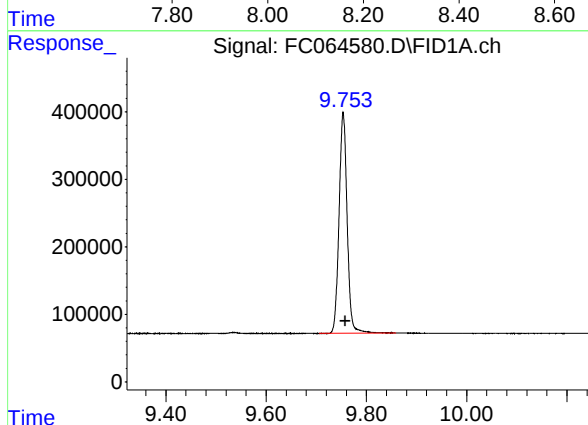
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3727388
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :



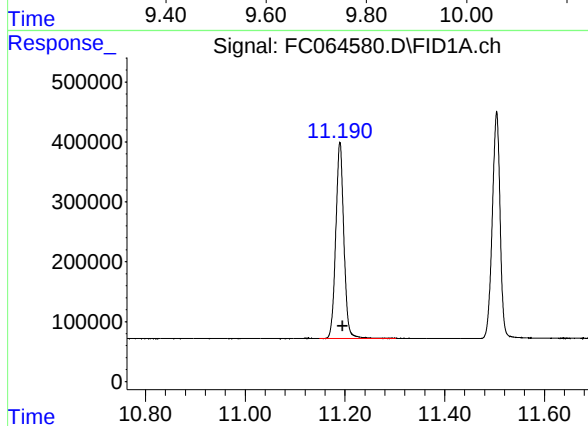
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 3609981
Conc: 20.34 ug/ml



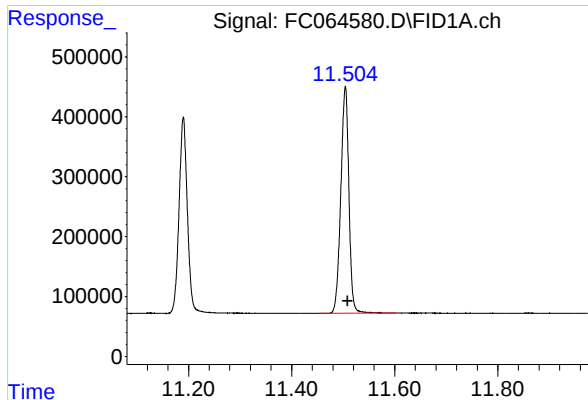
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.005 min
Response: 3663119
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: -0.006 min
Response: 3685341
Conc: 20.35 ug/ml



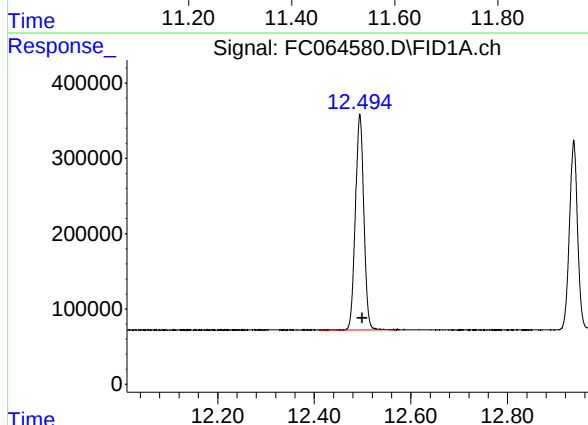
#9 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: -0.004 min
Response: 4118643
Conc: 20.35 ug/ml

Instrument :

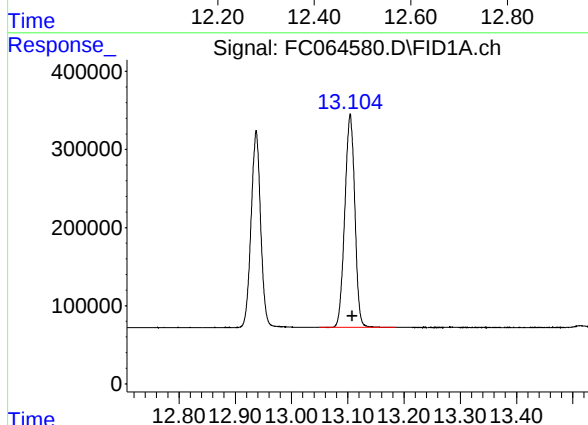
FID_C

ClientSampleId :



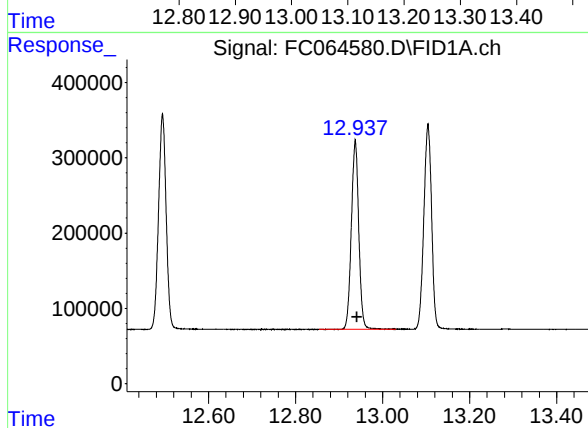
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: -0.005 min
Response: 3462823
Conc: 20.33 ug/ml



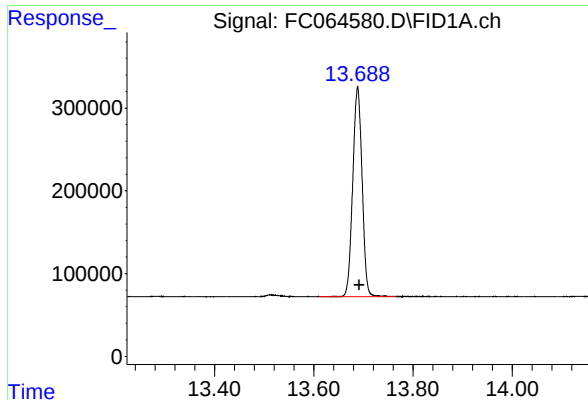
#11 n-Heneicosane (C21)

R.T.: 13.104 min
Delta R.T.: -0.004 min
Response: 3369458
Conc: 20.34 ug/ml



#12 1-chlorooctadecane (SURR)

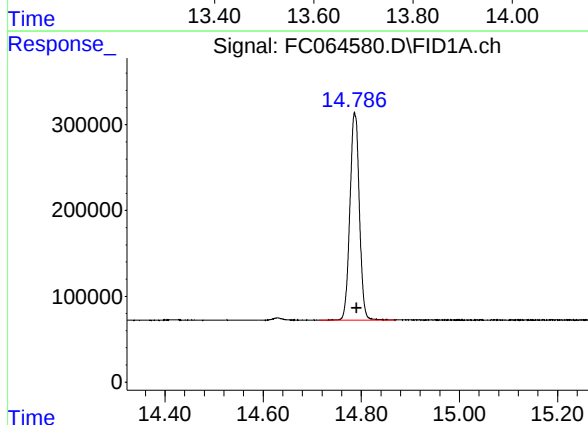
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 2971944
Conc: 20.40 ug/ml



#13 n-Docosane (C22)

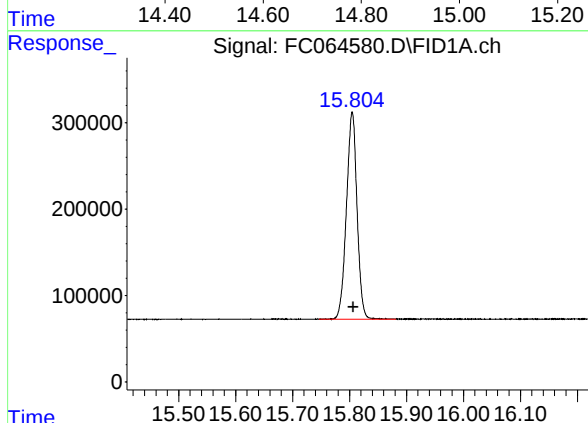
R.T.: 13.689 min
Delta R.T.: -0.003 min
Response: 3313618
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :



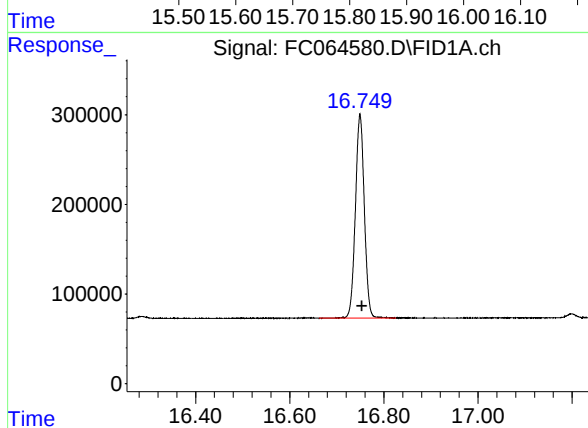
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.004 min
Response: 3227115
Conc: 20.33 ug/ml



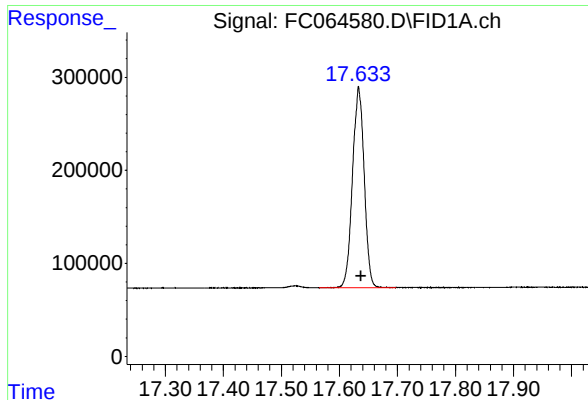
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.002 min
Response: 3101897
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

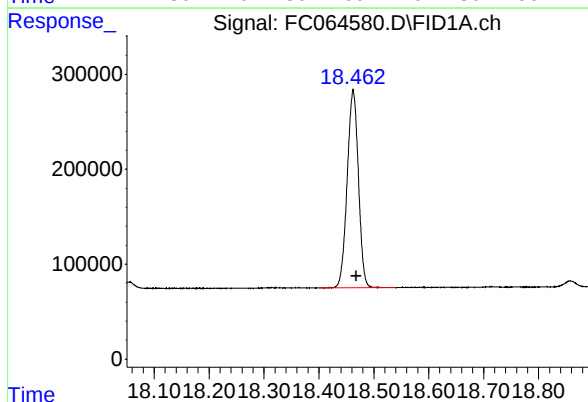
R.T.: 16.749 min
Delta R.T.: -0.004 min
Response: 2997058
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

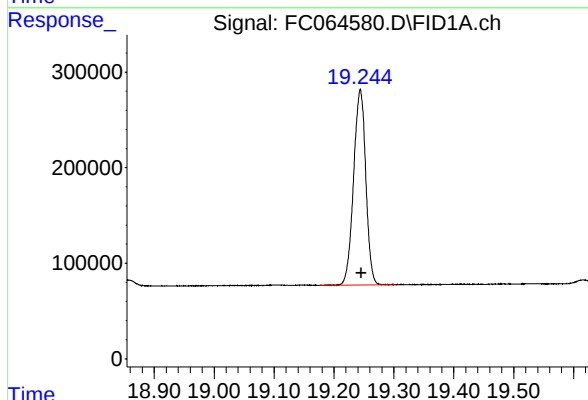
R.T.: 17.633 min
Delta R.T.: -0.004 min
Response: 3016616
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :



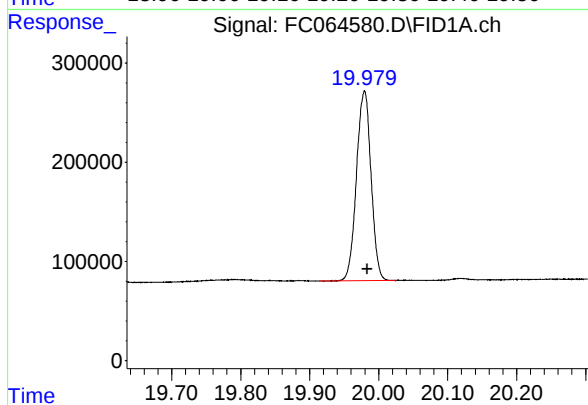
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.006 min
Response: 2957889
Conc: 20.27 ug/ml



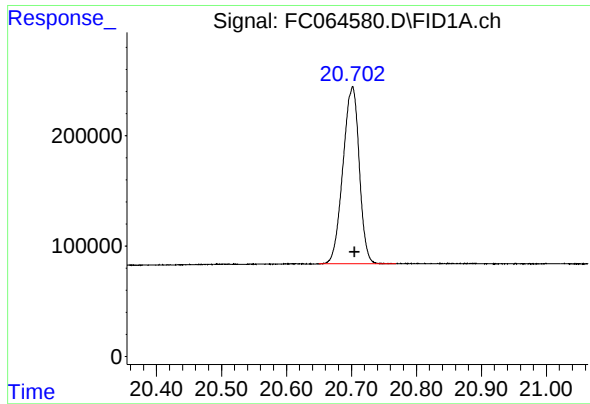
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.002 min
Response: 2892249
Conc: 20.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.004 min
Response: 2807370
Conc: 20.38 ug/ml



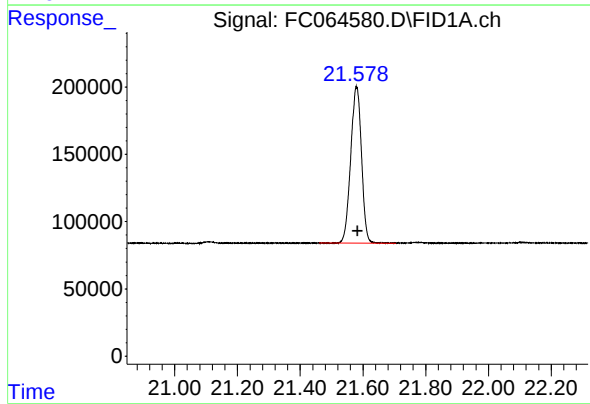
#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.003 min
Response: 2799945
Conc: 20.43 ug/ml

Instrument :

FID_C

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: -0.004 min
Response: 2778801
Conc: 20.43 ug/ml