

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064582.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 23:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 15 01:31:53 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)	11.502	4191901	20.717 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	12.936	3026991	20.782 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T n-Nonane (C9)	3.302	3685894	20.858 ug/ml
2) T n-Decane (C10)	4.361	3750078	20.875 ug/ml
3) T A~Naphthalene (C11.7)	5.939	4001855	21.302 ug/ml
4) T n-Dodecane (C12)	6.370	3790156	20.866 ug/ml
5) T A~2-methylnaphthalene...	6.992	3802860	21.324 ug/ml
6) T n-Tetradecane (C14)	8.159	3704752	20.879 ug/ml
7) T n-Hexadecane (C16)	9.754	3746385	20.842 ug/ml
8) T n-Octadecane (C18)	11.190	3776719	20.860 ug/ml
10) T n-Eicosane (C20)	12.495	3536485	20.761 ug/ml
11) T n-Heneicosane (C21)	13.105	3432435	20.724 ug/ml
13) T n-Docosane (C22)	13.689	3373733	20.709 ug/ml
14) T n-Tetracosane (C24)	14.787	3284571	20.689 ug/ml
15) T n-Hexacosane (C26)	15.804	3156198	20.676 ug/ml
16) T n-Octacosane (C28)	16.750	3058441	20.665 ug/ml
17) T n-Tricontane (C30)	17.633	3070464	20.669 ug/ml
18) T n-Dotriacontane (C32)	18.462	3018545	20.684 ug/ml
19) T n-Tetratriacontane (C34)	19.243	2954965	20.785 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2866325	20.811 ug/ml
21) T n-Octatriacontane (C38)	20.701	2851886	20.809 ug/ml
22) T n-Tetracontane (C40)	21.579	2821420	20.742 ug/ml

(f)=RT Delta > 1/2 Window

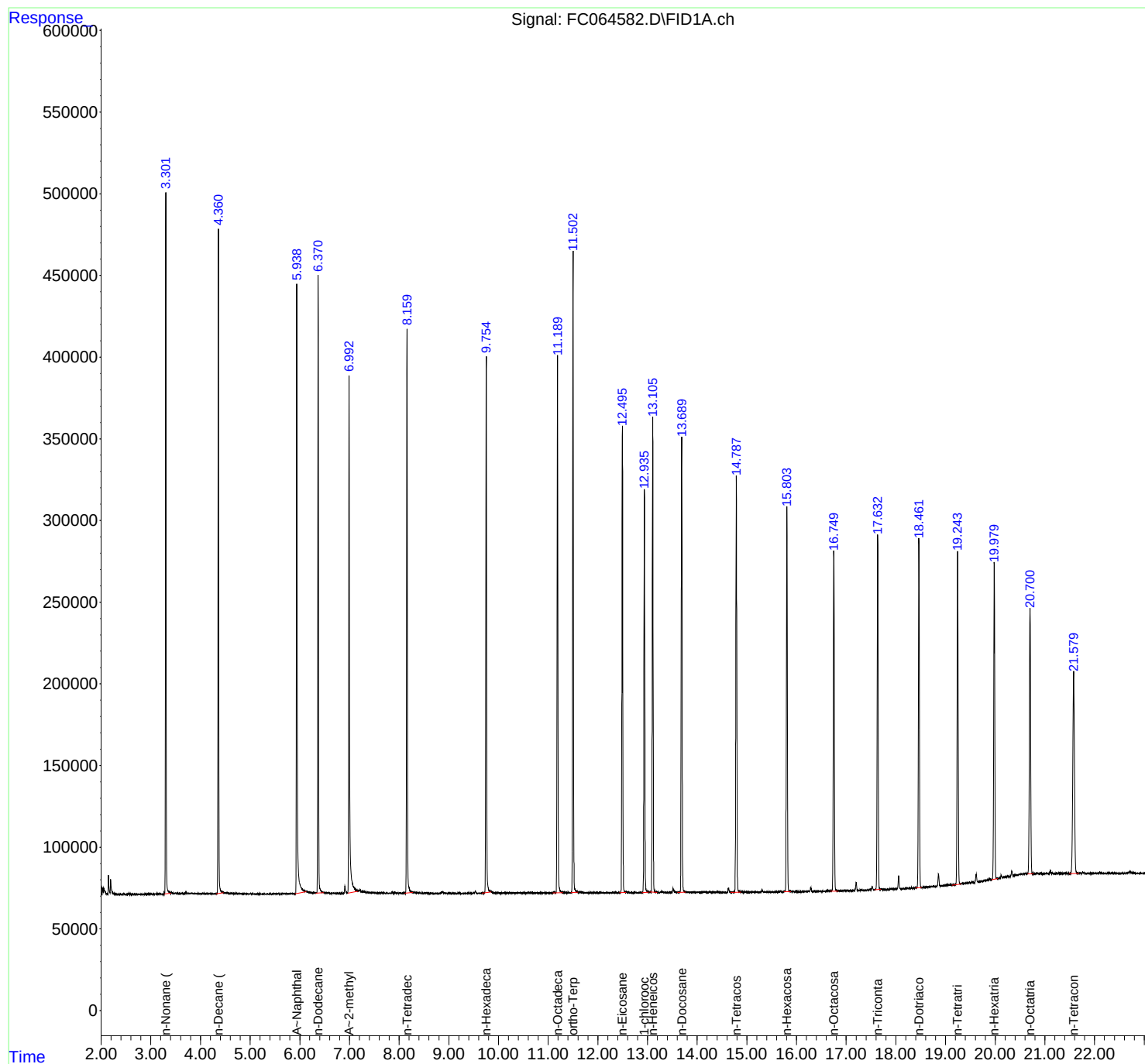
(m)=manual int.

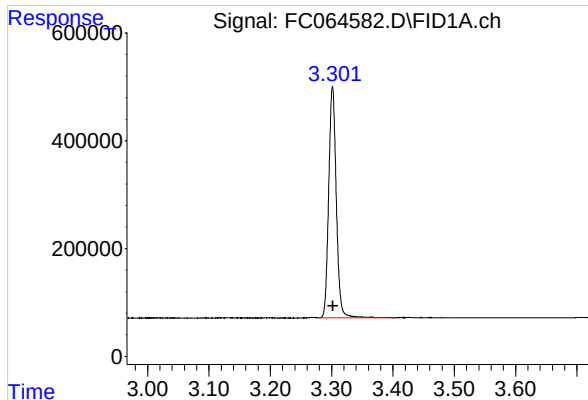
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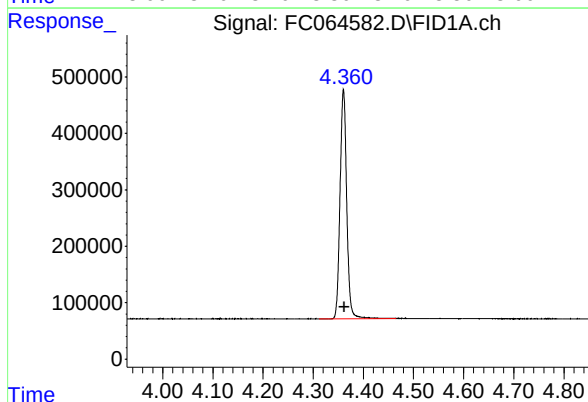




#1 n-Nonane (C9)

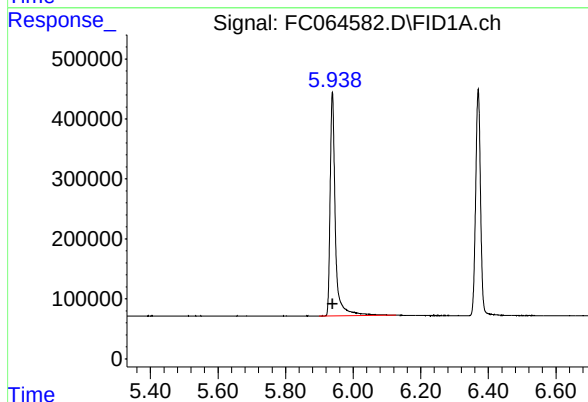
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 3685894
Conc: 20.86 ug/ml

Instrument :
FID_C
ClientSampleId :



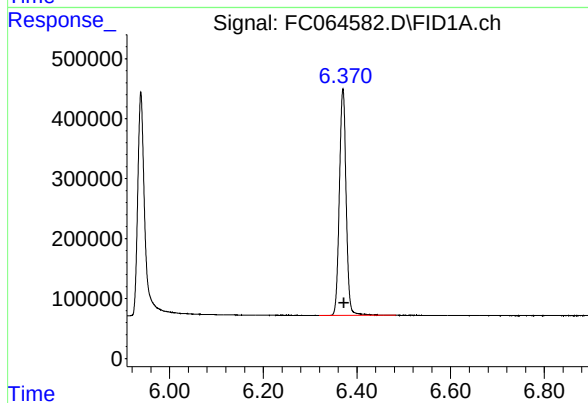
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.002 min
Response: 3750078
Conc: 20.87 ug/ml



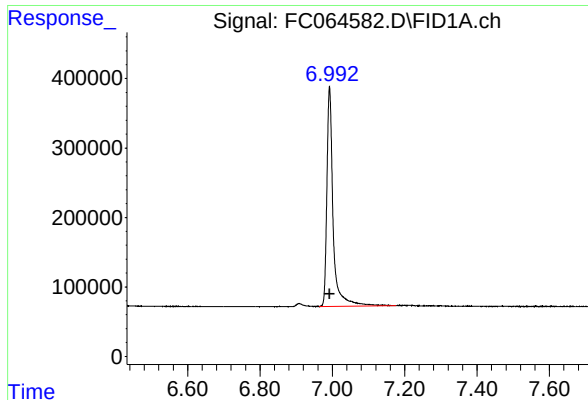
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 4001855
Conc: 21.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 3790156
Conc: 20.87 ug/ml



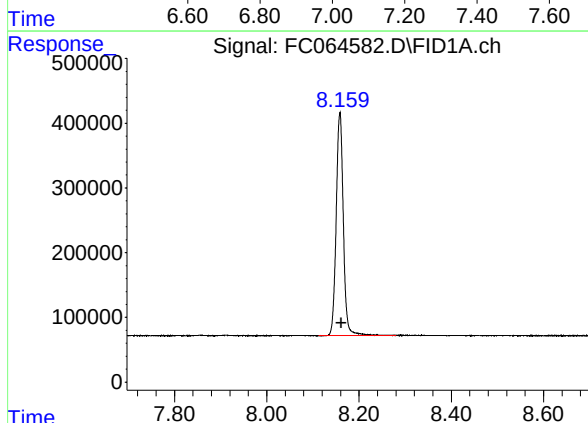
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3802860
Conc: 21.32 ug/ml

Instrument :

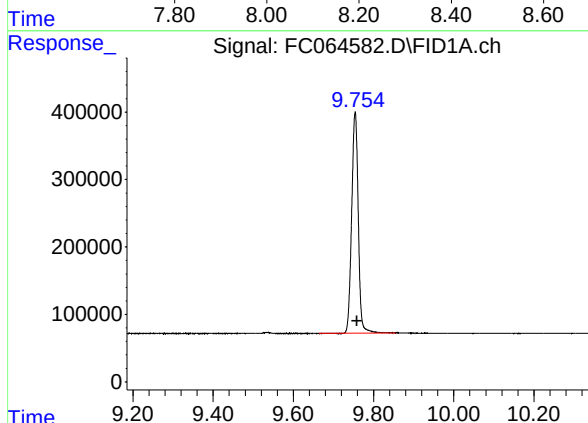
FID_C

ClientSampleId :



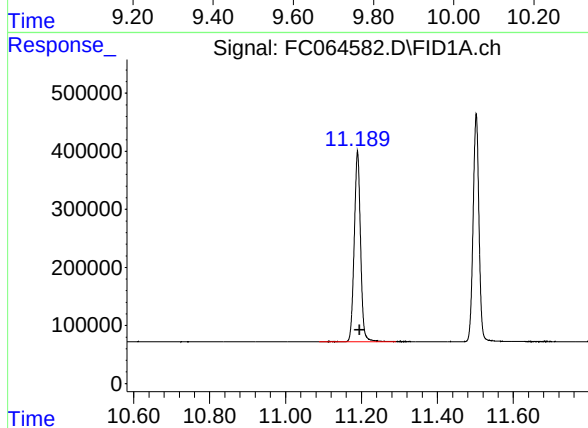
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 3704752
Conc: 20.88 ug/ml



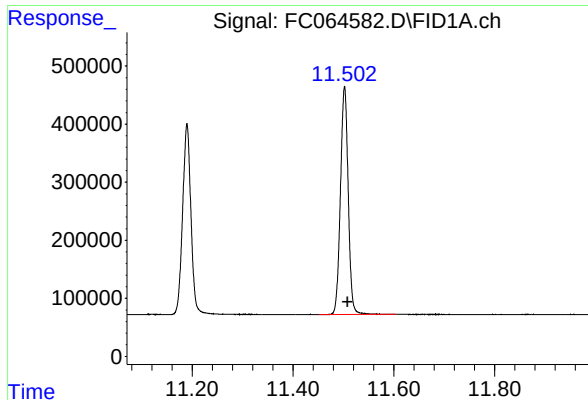
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.004 min
Response: 3746385
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

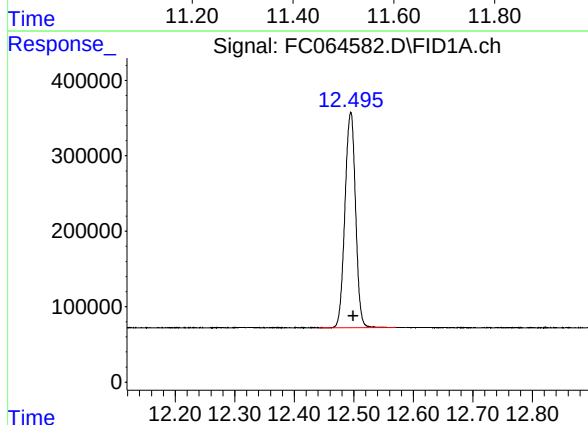
R.T.: 11.190 min
Delta R.T.: -0.006 min
Response: 3776719
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURR)

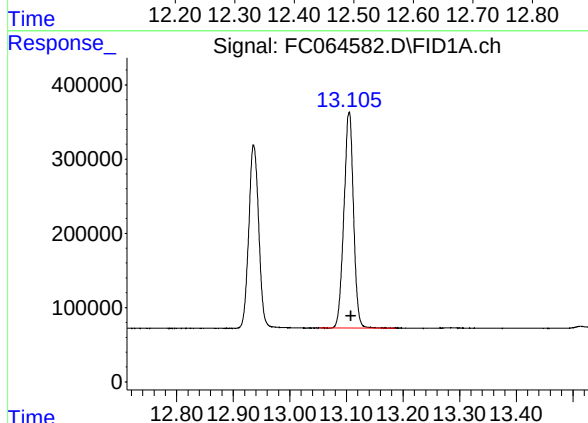
R.T.: 11.502 min
Delta R.T.: -0.006 min
Response: 4191901
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :



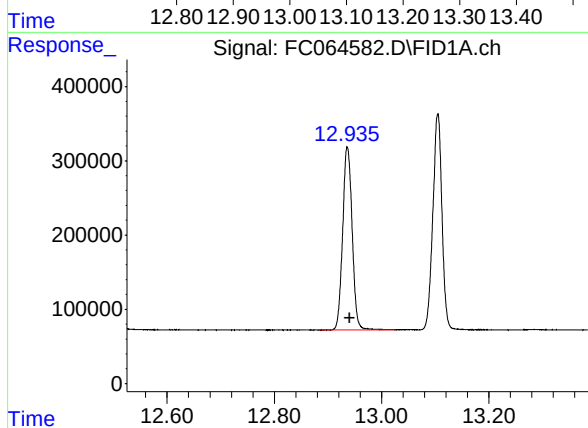
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 3536485
Conc: 20.76 ug/ml



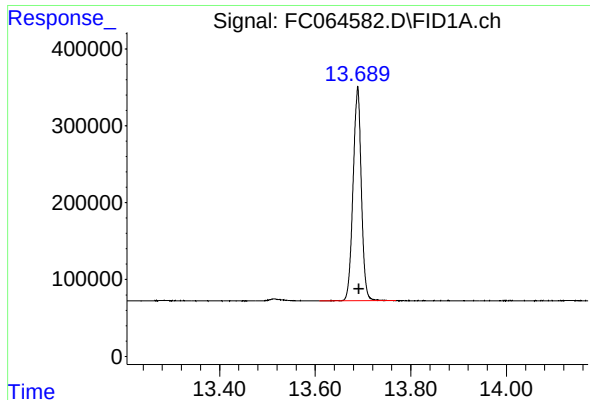
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.003 min
Response: 3432435
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

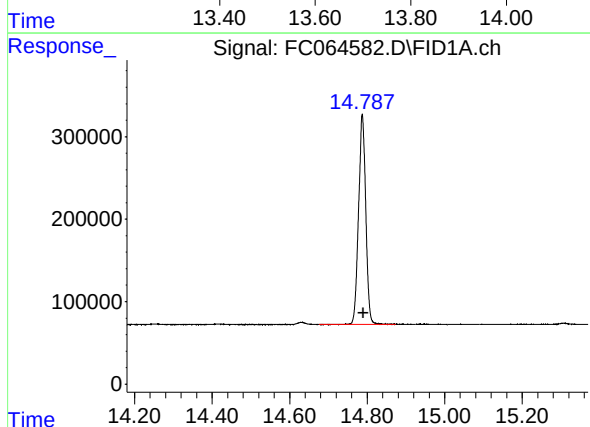
R.T.: 12.936 min
Delta R.T.: -0.004 min
Response: 3026991
Conc: 20.78 ug/ml



#13 n-Docosane (C22)

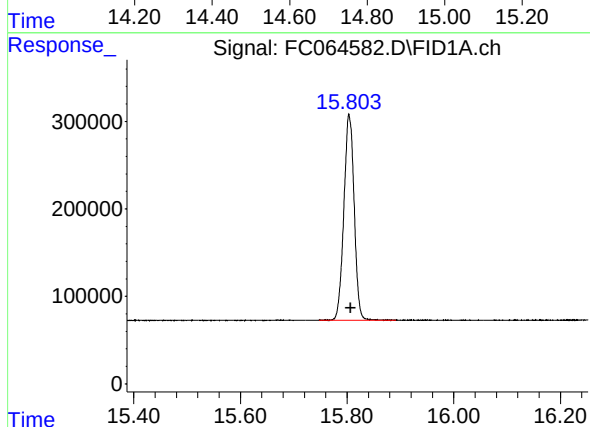
R.T.: 13.689 min
Delta R.T.: -0.003 min
Response: 3373733
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :



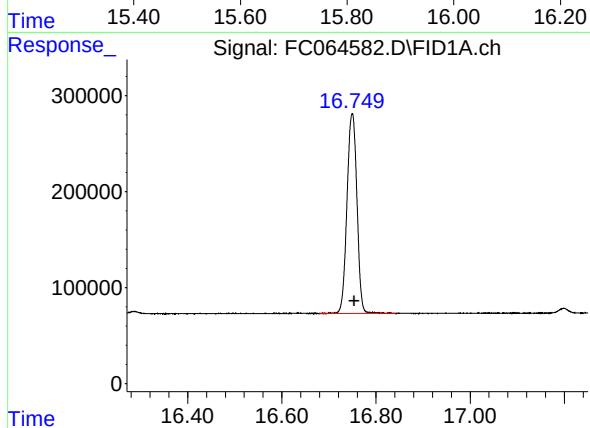
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.003 min
Response: 3284571
Conc: 20.69 ug/ml



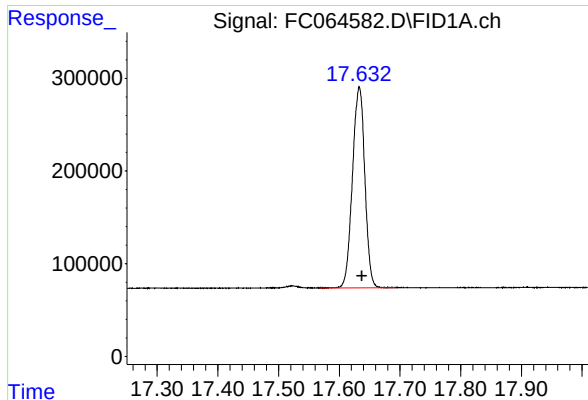
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 3156198
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

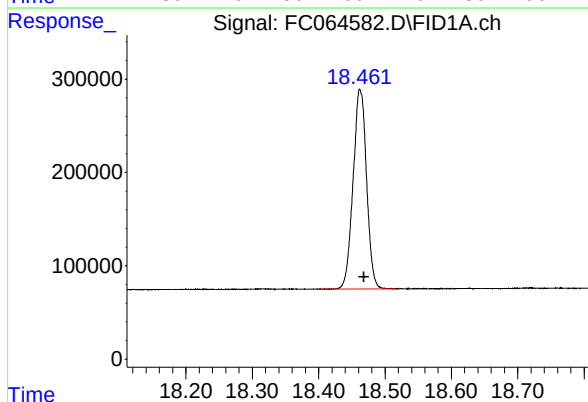
R.T.: 16.750 min
Delta R.T.: -0.004 min
Response: 3058441
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

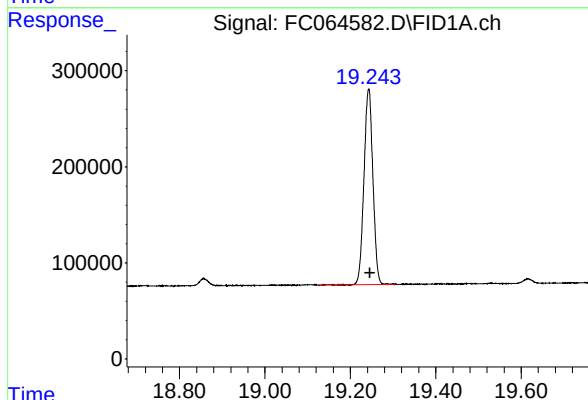
R.T.: 17.633 min
Delta R.T.: -0.004 min
Response: 3070464
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :



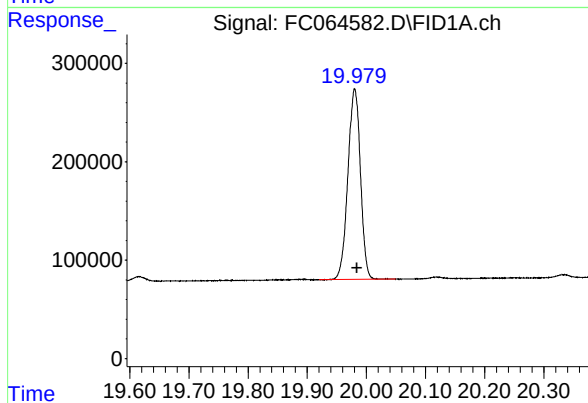
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.006 min
Response: 3018545
Conc: 20.68 ug/ml



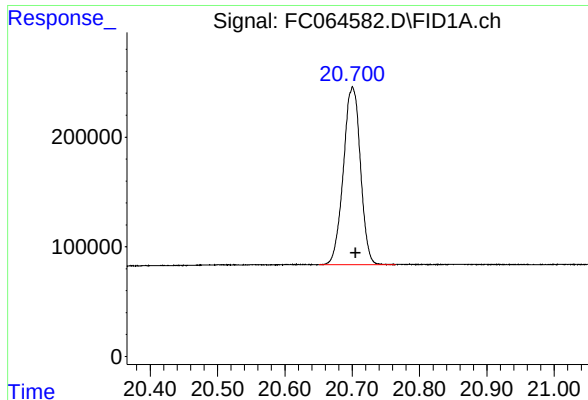
#19 n-Tetratriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 2954965
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.003 min
Response: 2866325
Conc: 20.81 ug/ml



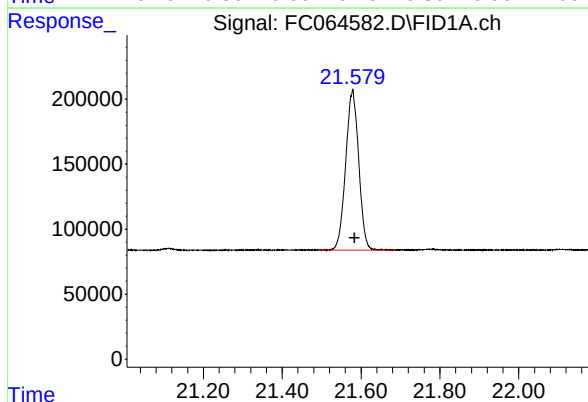
#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.004 min
Response: 2851886
Conc: 20.81 ug/ml

Instrument :

FID_C

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: -0.005 min
Response: 2821420
Conc: 20.74 ug/ml