

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061824AL\
 Data File : FC066619.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jun 2024 09:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 19 03:38:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 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)	11.542	3311258	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	12.981	2569101	18.619 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T n-Nonane (C9)	3.297	2824071	19.437 ug/ml
2) T n-Decane (C10)	4.365	2902981	19.462 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3198595	19.700 ug/ml
4) T n-Dodecane (C12)	6.386	2955930	19.504 ug/ml
5) T A~2-methylnaphthalene...	7.009	3121171	19.646 ug/ml
6) T n-Tetradecane (C14)	8.183	2956149	19.489 ug/ml
7) T n-Hexadecane (C16)	9.784	3101327	19.361 ug/ml
8) T n-Octadecane (C18)	11.228	3162184	19.058 ug/ml
10) T n-Eicosane (C20)	12.537	3053345	18.782 ug/ml
11) T n-Heneicosane (C21)	13.148	3008109	18.670 ug/ml
13) T n-Docosane (C22)	13.735	2990315	18.652 ug/ml
14) T n-Tetracosane (C24)	14.838	2953141	18.607 ug/ml
15) T n-Hexacosane (C26)	15.858	2866571	18.773 ug/ml
16) T n-Octacosane (C28)	16.809	2746653	19.041 ug/ml
17) T n-Tricontane (C30)	17.696	2695077	19.290 ug/ml
18) T n-Dotriacontane (C32)	18.529	2560377	19.401 ug/ml
19) T n-Tetratriacontane (C34)	19.313	2418597	19.556 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2299690	19.081 ug/ml
21) T n-Octatriacontane (C38)	20.786	2205434	19.287 ug/ml
22) T n-Tetracontane (C40)	21.693	2119401	18.871 ug/ml

(f)=RT Delta > 1/2 Window

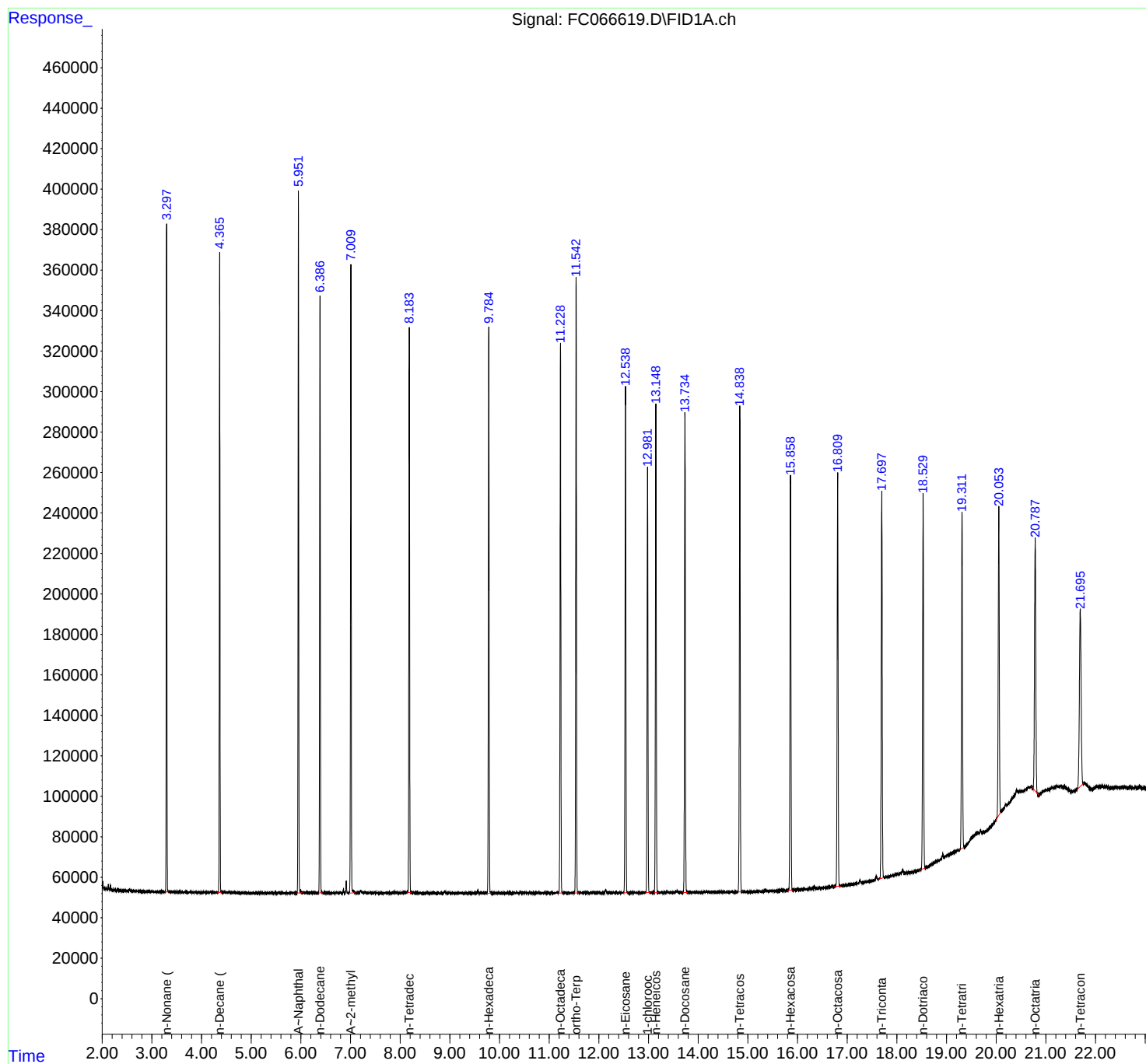
(m)=manual int.

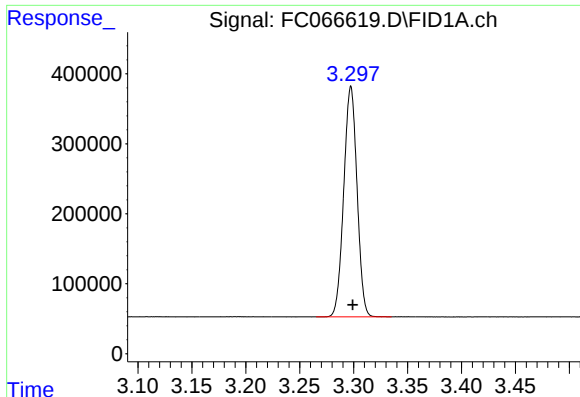
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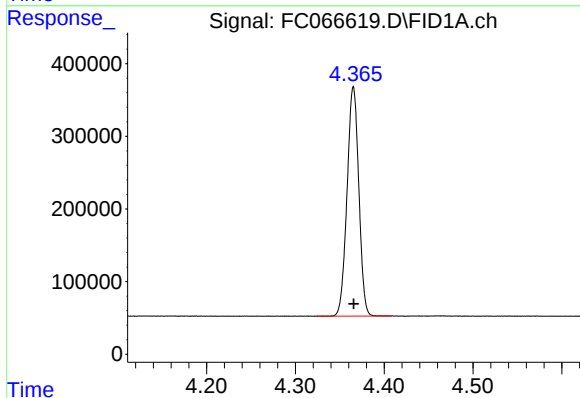




#1 n-Nonane (C9)

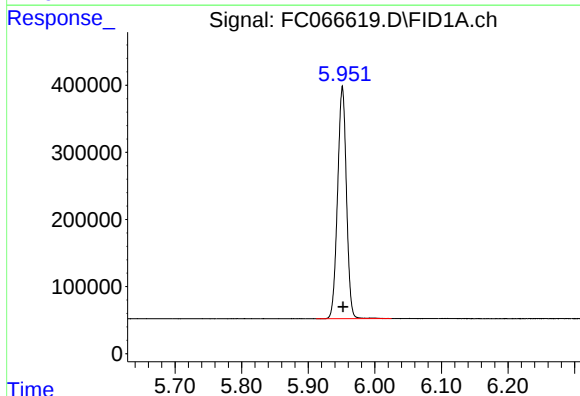
R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 2824071
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



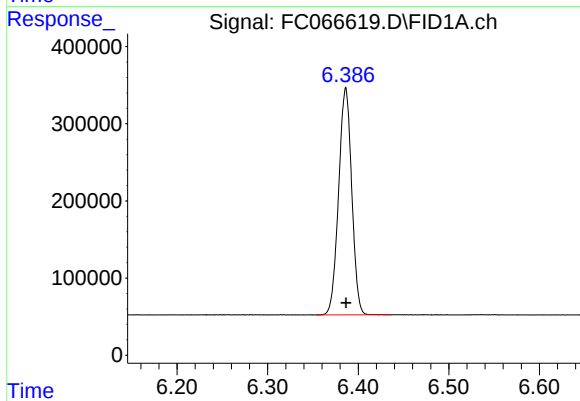
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 2902981
Conc: 19.46 ug/ml



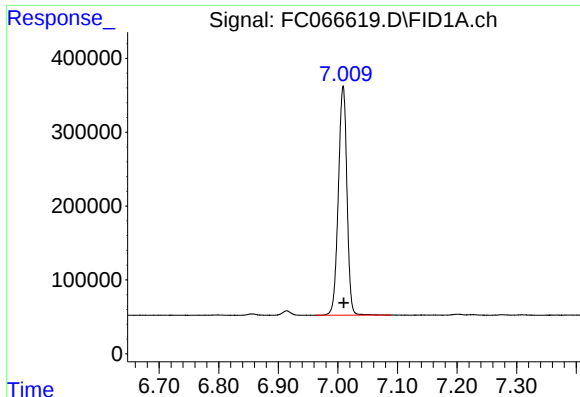
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 3198595
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

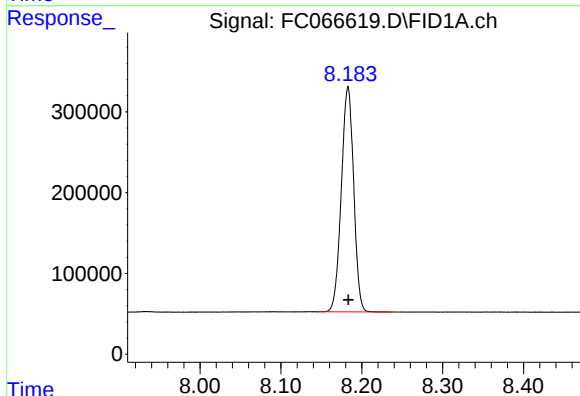
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 2955930
Conc: 19.50 ug/ml



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

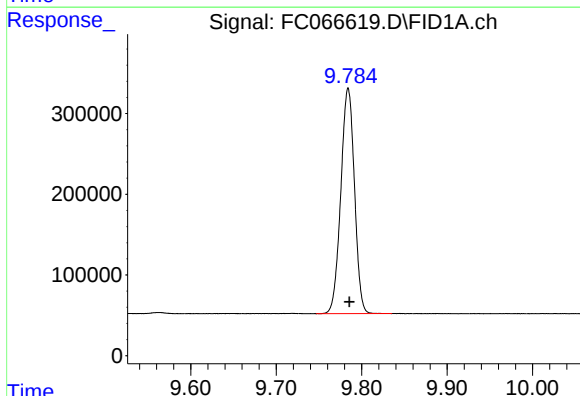
R.T.: 7.009 min
Delta R.T.: -0.001 min
Response: 3121171
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



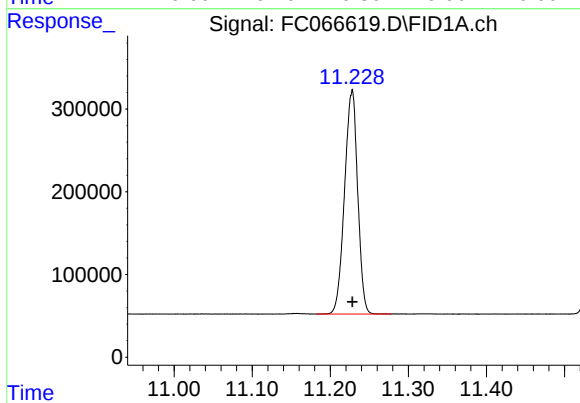
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 2956149
Conc: 19.49 ug/ml



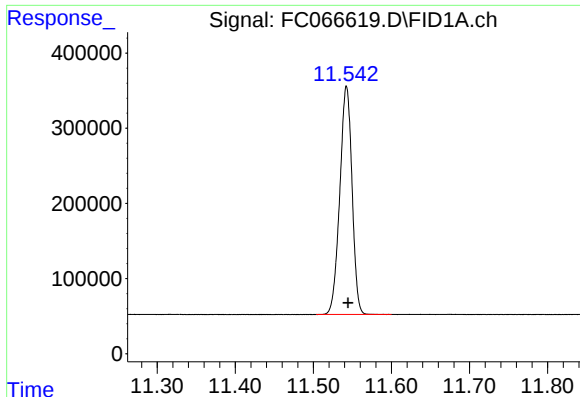
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: -0.001 min
Response: 3101327
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

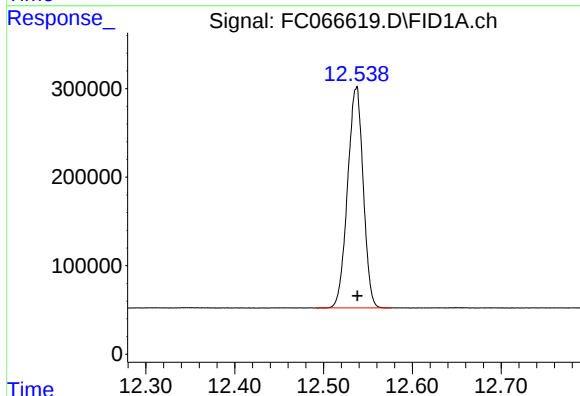
R.T.: 11.228 min
Delta R.T.: 0.000 min
Response: 3162184
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

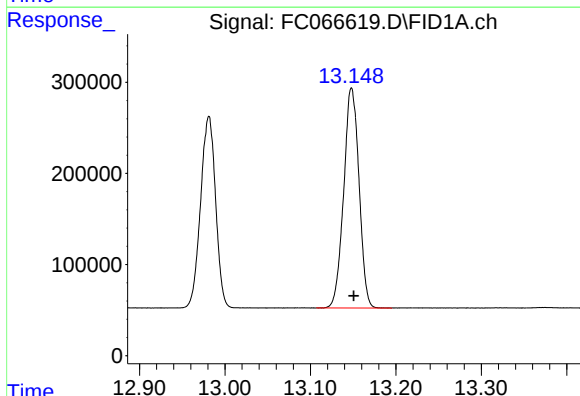
R.T.: 11.542 min
Delta R.T.: -0.002 min
Response: 3311258
Conc: 19.20 ug/ml

Instrument :
FID_C
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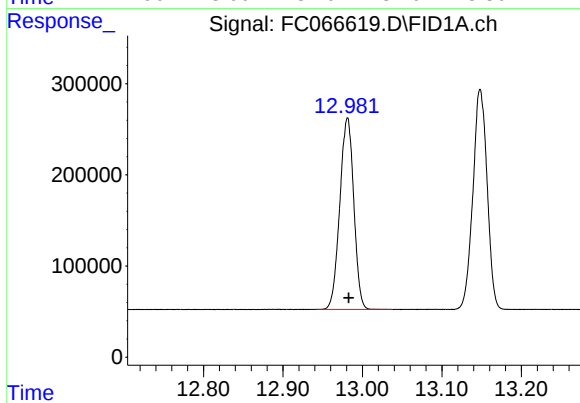
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: -0.001 min
Response: 3053345
Conc: 18.78 ug/ml



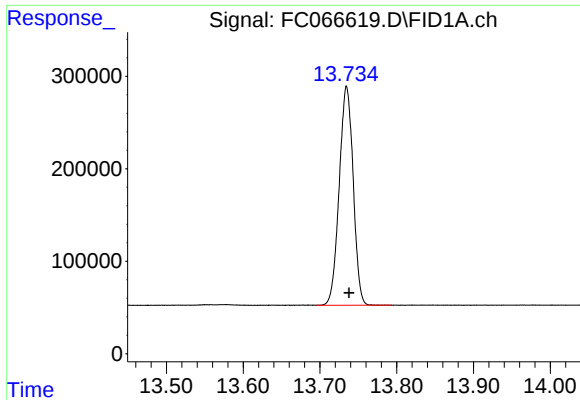
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: -0.002 min
Response: 3008109
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

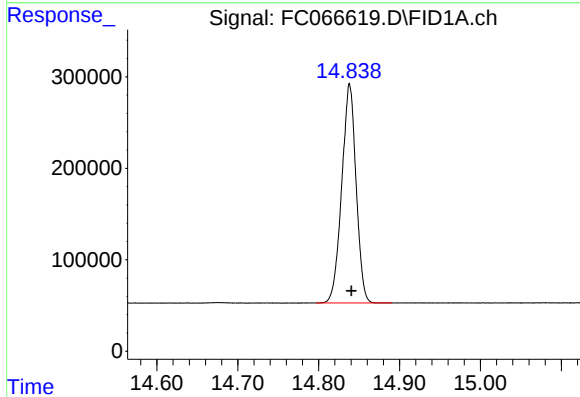
R.T.: 12.981 min
Delta R.T.: -0.002 min
Response: 2569101
Conc: 18.62 ug/ml



#13 n-Docosane (C22)

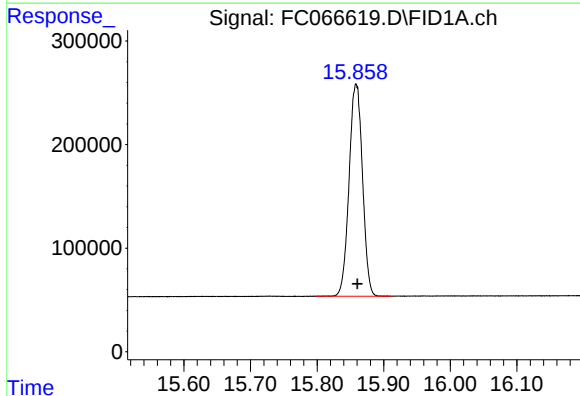
R.T.: 13.735 min
Delta R.T.: -0.003 min
Response: 2990315
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



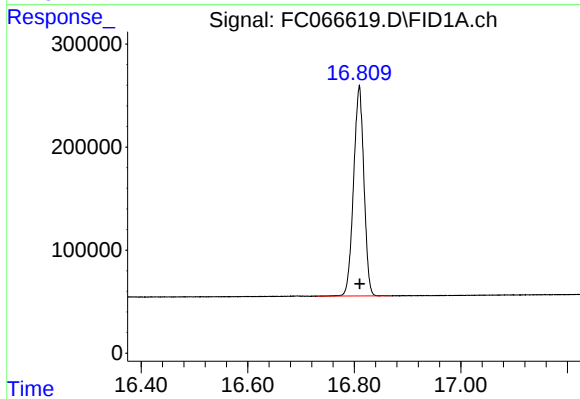
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: -0.002 min
Response: 2953141
Conc: 18.61 ug/ml



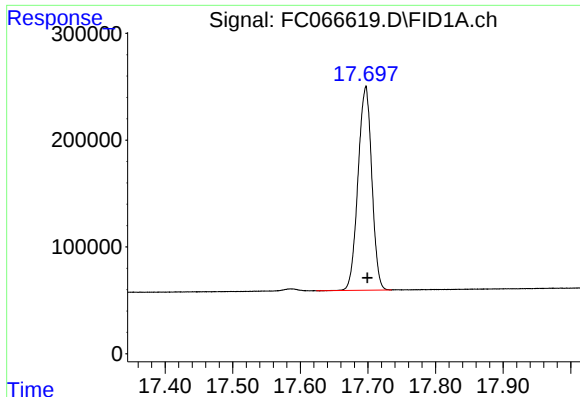
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.002 min
Response: 2866571
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

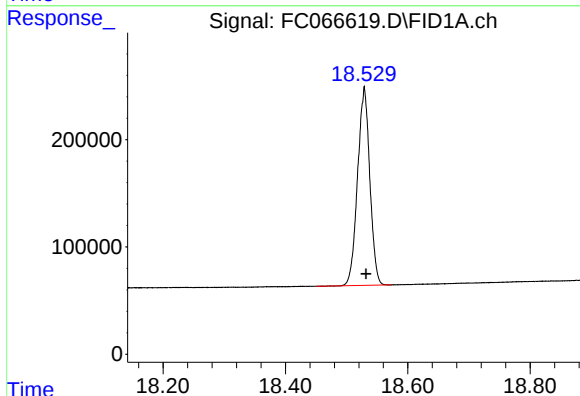
R.T.: 16.809 min
Delta R.T.: -0.001 min
Response: 2746653
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

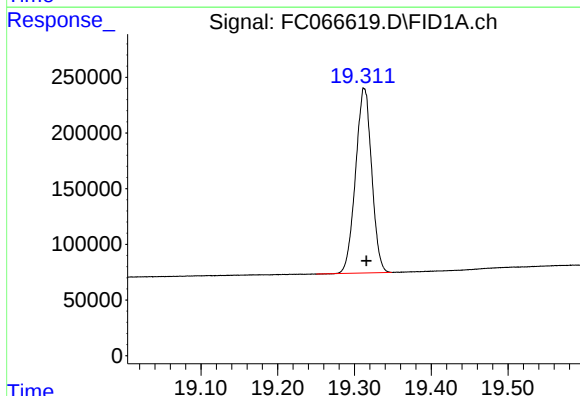
R.T.: 17.696 min
Delta R.T.: -0.003 min
Response: 2695077
Conc: 19.29 ug/ml

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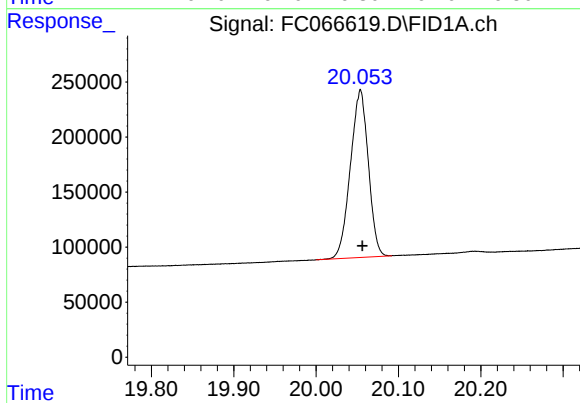
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.003 min
Response: 2560377
Conc: 19.40 ug/ml



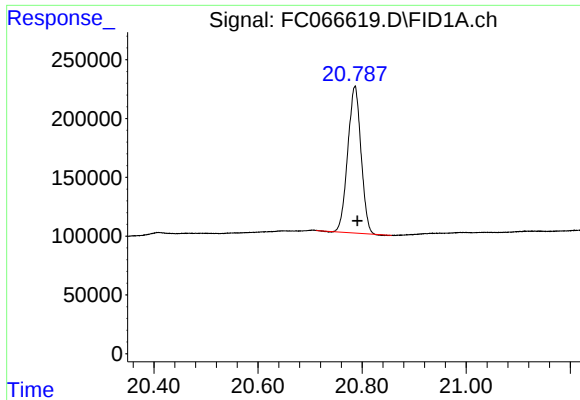
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.003 min
Response: 2418597
Conc: 19.56 ug/ml



#20 n-Hexatriacontane (C36)

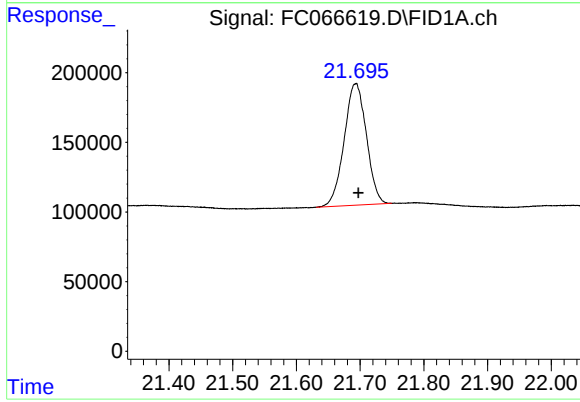
R.T.: 20.054 min
Delta R.T.: -0.002 min
Response: 2299690
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.786 min
Delta R.T.: -0.005 min
Response: 2205434
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.004 min
Response: 2119401
Conc: 18.87 ug/ml