

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072423AL\
 Data File : FC064248.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jul 2023 09:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 25 03:25:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.512	3506200	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	12.947	2453226	19.453 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.302	3279368	20.211 ug/ml
2) T n-Decane (C10)	4.364	3308359	20.232 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3318189	20.445 ug/ml
4) T n-Dodecane (C12)	6.376	3298948	20.208 ug/ml
5) T A~2-methylnaphthalene...	6.999	3105231	20.380 ug/ml
6) T n-Tetradecane (C14)	8.166	3153462	20.085 ug/ml
7) T n-Hexadecane (C16)	9.763	3139857	19.969 ug/ml
8) T n-Octadecane (C18)	11.199	3129041	19.749 ug/ml
10) T n-Eicosane (C20)	12.505	2934105	19.660 ug/ml
11) T n-Heneicosane (C21)	13.114	2865847	19.636 ug/ml
13) T n-Docosane (C22)	13.699	2813334	19.712 ug/ml
14) T n-Tetracosane (C24)	14.799	2768431	19.710 ug/ml
15) T n-Hexacosane (C26)	15.814	2704406	19.694 ug/ml
16) T n-Octacosane (C28)	16.760	2651793	19.775 ug/ml
17) T n-Tricontane (C30)	17.645	2695877	19.423 ug/ml
18) T n-Dotriacontane (C32)	18.474	2675521	19.013 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2660664	19.163 ug/ml
20) T n-Hexatriacontane (C36)	19.992	2607797	19.219 ug/ml
21) T n-Octatriacontane (C38)	20.713	2600256	19.171 ug/ml
22) T n-Tetracontane (C40)	21.593	2510150	18.687 ug/ml

(f)=RT Delta > 1/2 Window

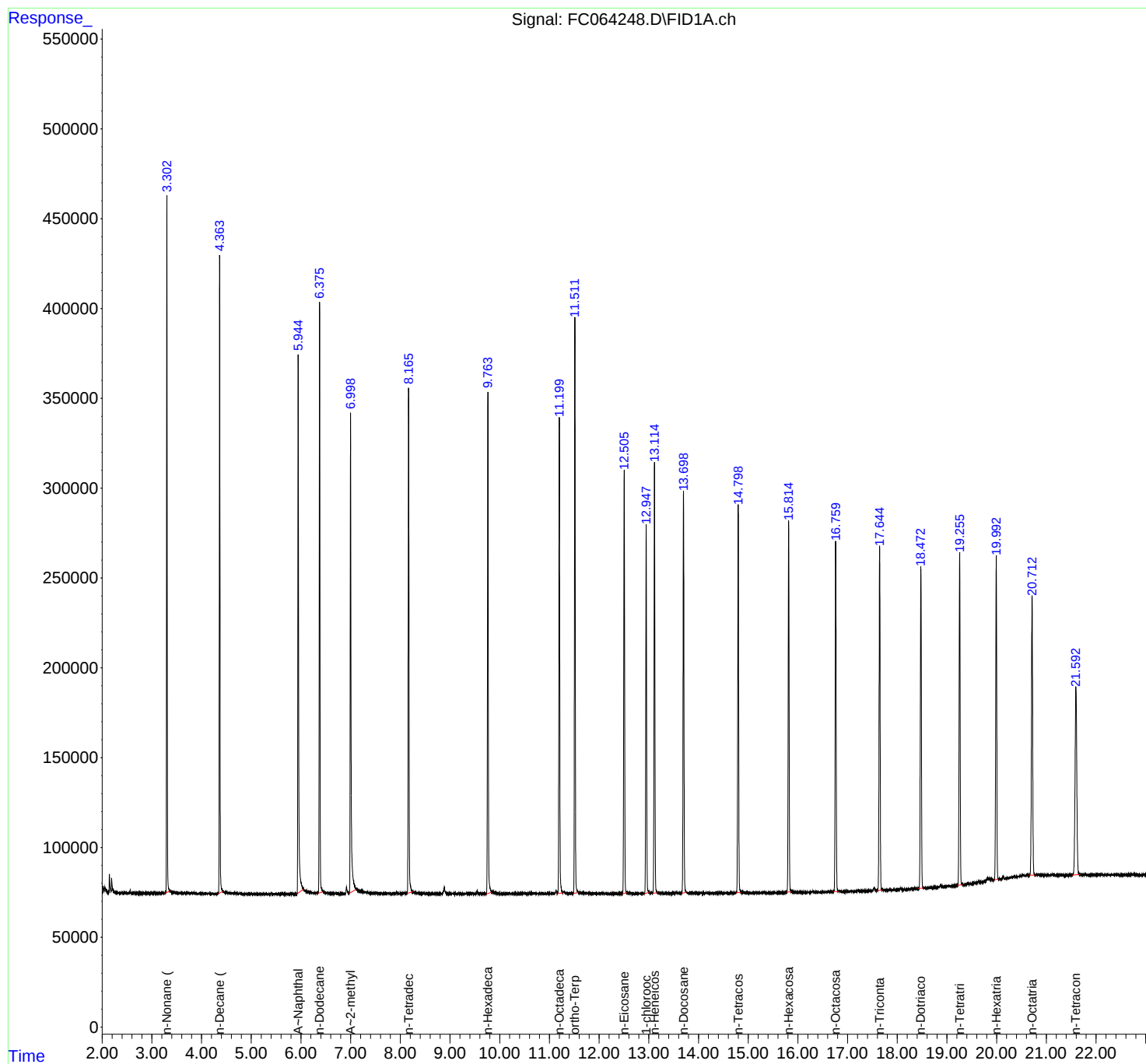
(m)=manual int.

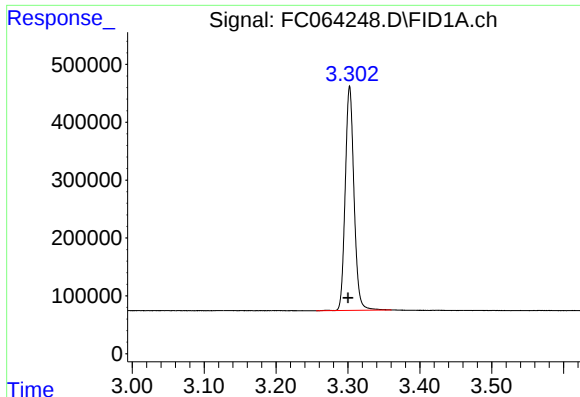
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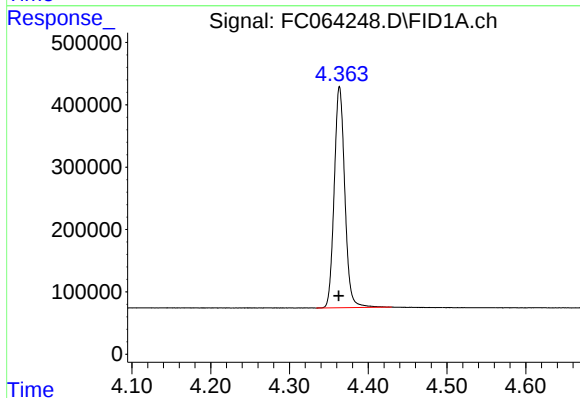




#1 n-Nonane (C9)

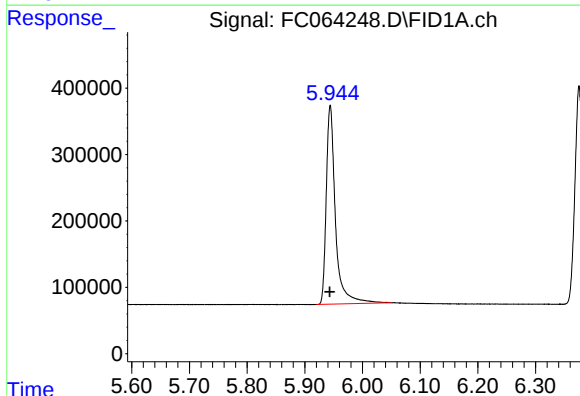
R.T.: 3.302 min
Delta R.T.: 0.002 min
Response: 3279368
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



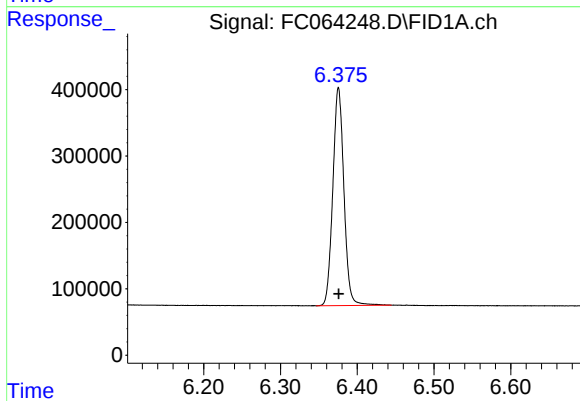
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.001 min
Response: 3308359
Conc: 20.23 ug/ml



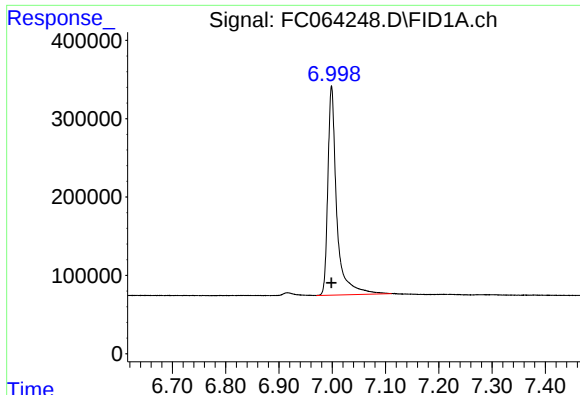
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 3318189
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

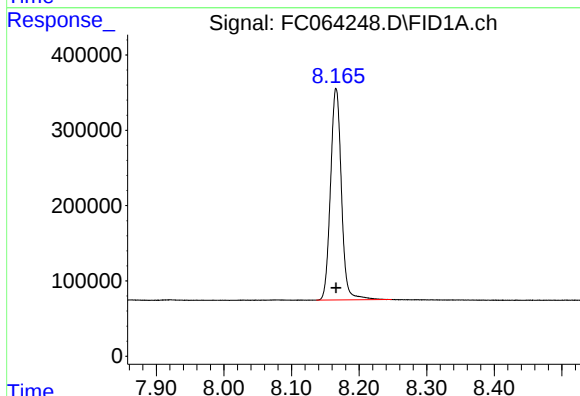
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 3298948
Conc: 20.21 ug/ml



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

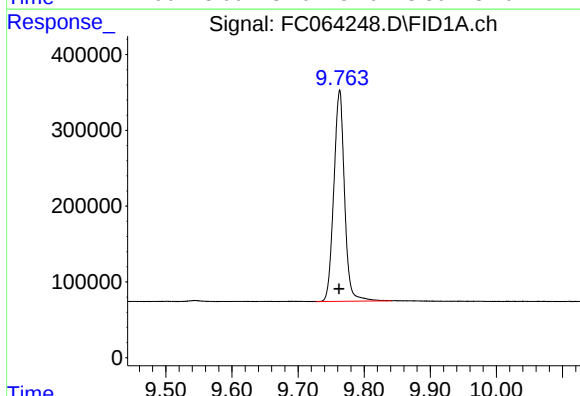
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 3105231
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



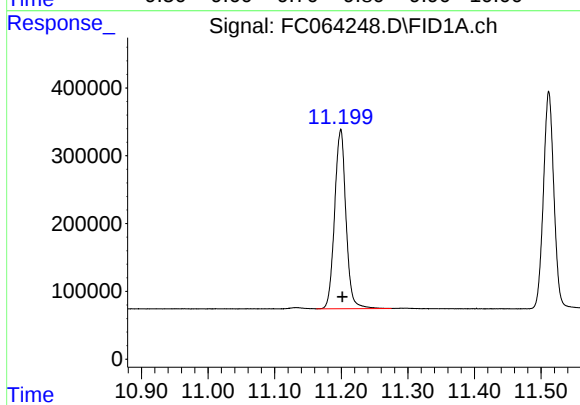
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 3153462
Conc: 20.08 ug/ml



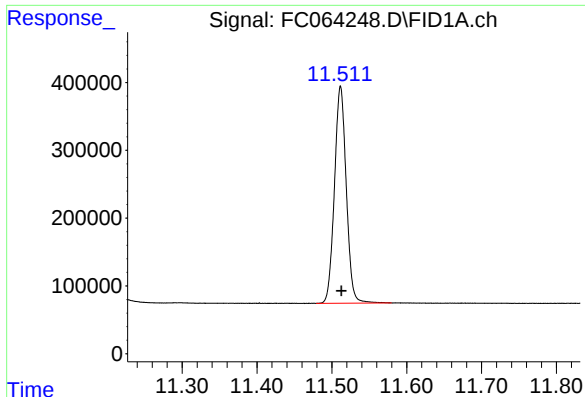
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.001 min
Response: 3139857
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

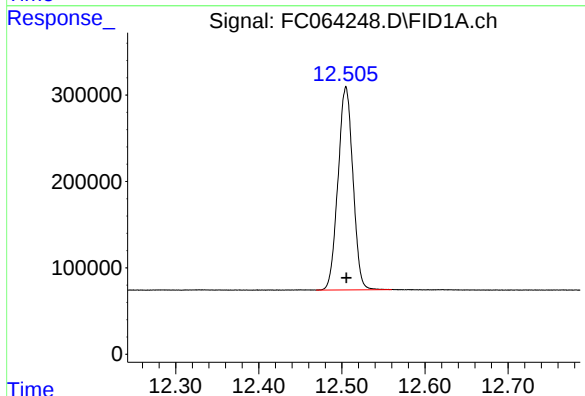
R.T.: 11.199 min
Delta R.T.: -0.002 min
Response: 3129041
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

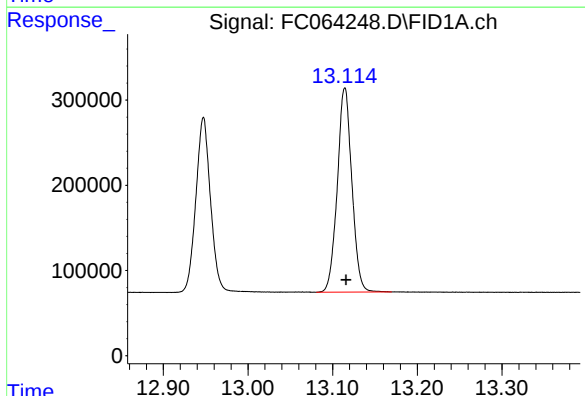
R.T.: 11.512 min
Delta R.T.: -0.001 min
Response: 3506200
Conc: 19.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



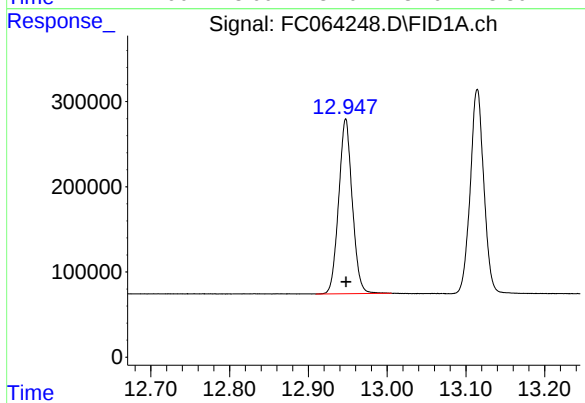
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 2934105
Conc: 19.66 ug/ml



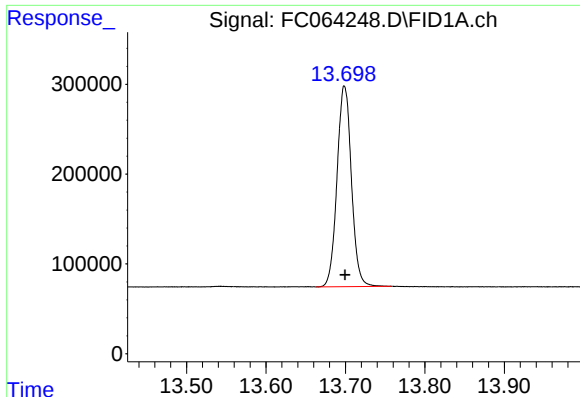
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: -0.001 min
Response: 2865847
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

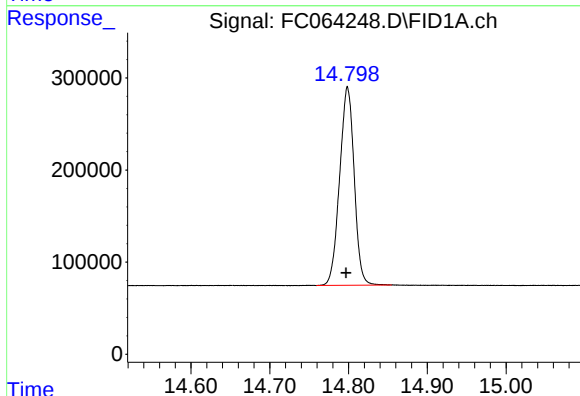
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 2453226
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

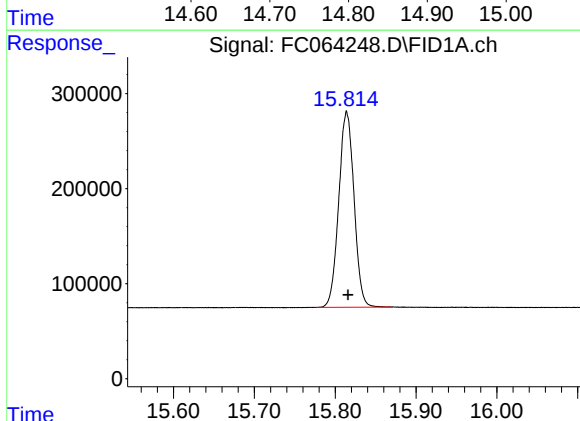
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 2813334
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



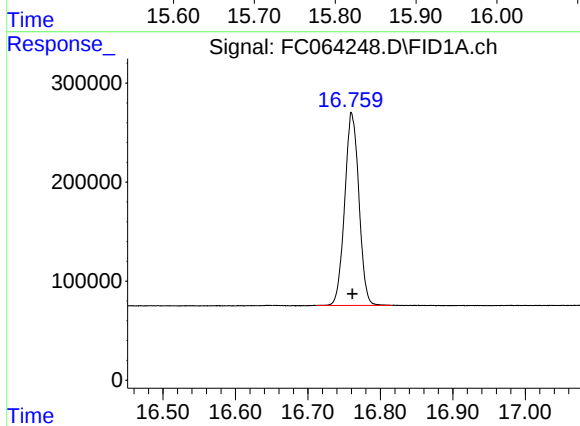
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.002 min
Response: 2768431
Conc: 19.71 ug/ml



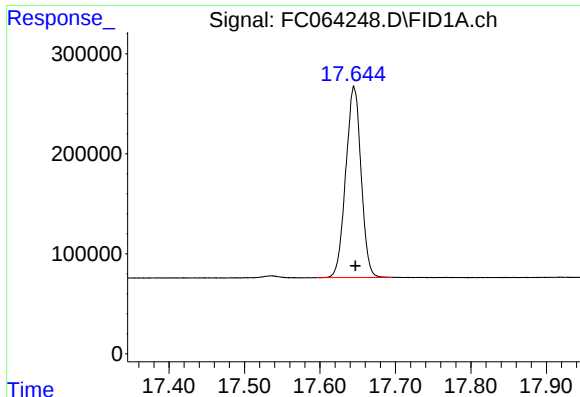
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: -0.002 min
Response: 2704406
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

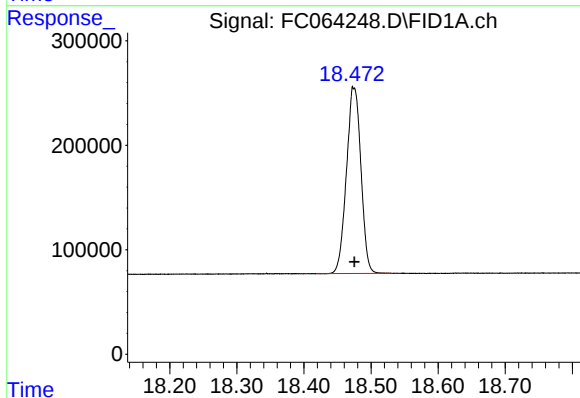
R.T.: 16.760 min
Delta R.T.: -0.001 min
Response: 2651793
Conc: 19.78 ug/ml



#17 n-Tricontane (C30)

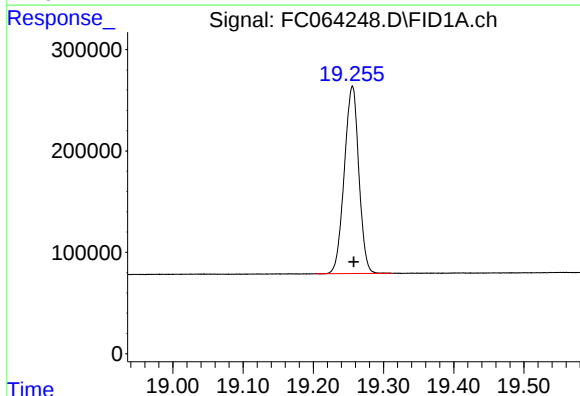
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 2695877
Conc: 19.42 ug/ml

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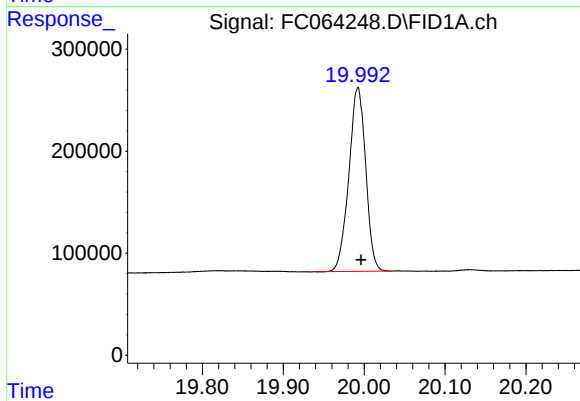
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.001 min
Response: 2675521
Conc: 19.01 ug/ml



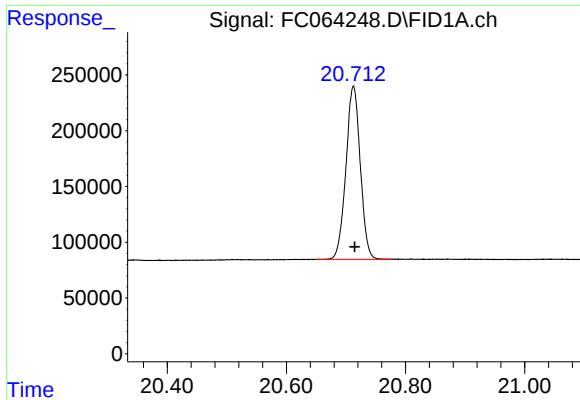
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.002 min
Response: 2660664
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

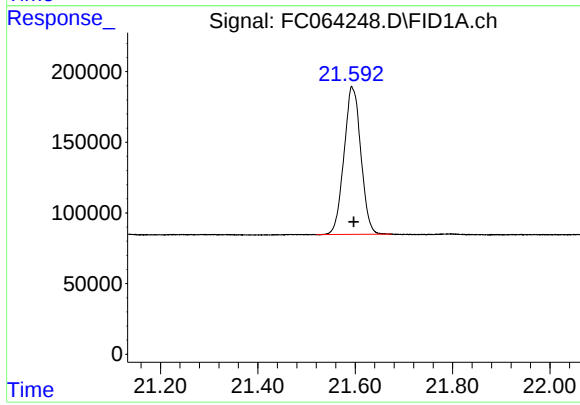
R.T.: 19.992 min
Delta R.T.: -0.004 min
Response: 2607797
Conc: 19.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.002 min
Response: 2600256
Conc: 19.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.004 min
Response: 2510150
Conc: 18.69 ug/ml