

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066508.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 08:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 04 04:04:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.556	2907771	19.131 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
12) S 1-chlorooctadecane (S...	12.995	2178337	19.063 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.310	2658699	18.997 ug/ml
2) T n-Decane (C10)	4.379	2720031	18.904 ug/ml
3) T A~Naphthalene (C11.7)	5.964	3013722	18.912 ug/ml
4) T n-Dodecane (C12)	6.401	2739348	19.024 ug/ml
5) T A~2-methylnaphthalene...	7.022	2899011	18.903 ug/ml
6) T n-Tetradecane (C14)	8.198	2693593	19.080 ug/ml
7) T n-Hexadecane (C16)	9.799	2758890	19.197 ug/ml
8) T n-Octadecane (C18)	11.242	2748471	19.206 ug/ml
10) T n-Eicosane (C20)	12.551	2614314	19.214 ug/ml
11) T n-Heneicosane (C21)	13.163	2557400	19.185 ug/ml
13) T n-Docosane (C22)	13.749	2536790	19.248 ug/ml
14) T n-Tetracosane (C24)	14.853	2513221	19.306 ug/ml
15) T n-Hexacosane (C26)	15.874	2466784	19.396 ug/ml
16) T n-Octacosane (C28)	16.824	2435876	19.621 ug/ml
17) T n-Tricontane (C30)	17.712	2509692	19.914 ug/ml
18) T n-Dotriacontane (C32)	18.545	2475233	20.111 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2374839	19.803 ug/ml
20) T n-Hexatriacontane (C36)	20.069	2279055	18.811 ug/ml
21) T n-Octatriacontane (C38)	20.803	2215089	19.148 ug/ml
22) T n-Tetracontane (C40)	21.713	2155382	17.596 ug/ml

(f)=RT Delta > 1/2 Window

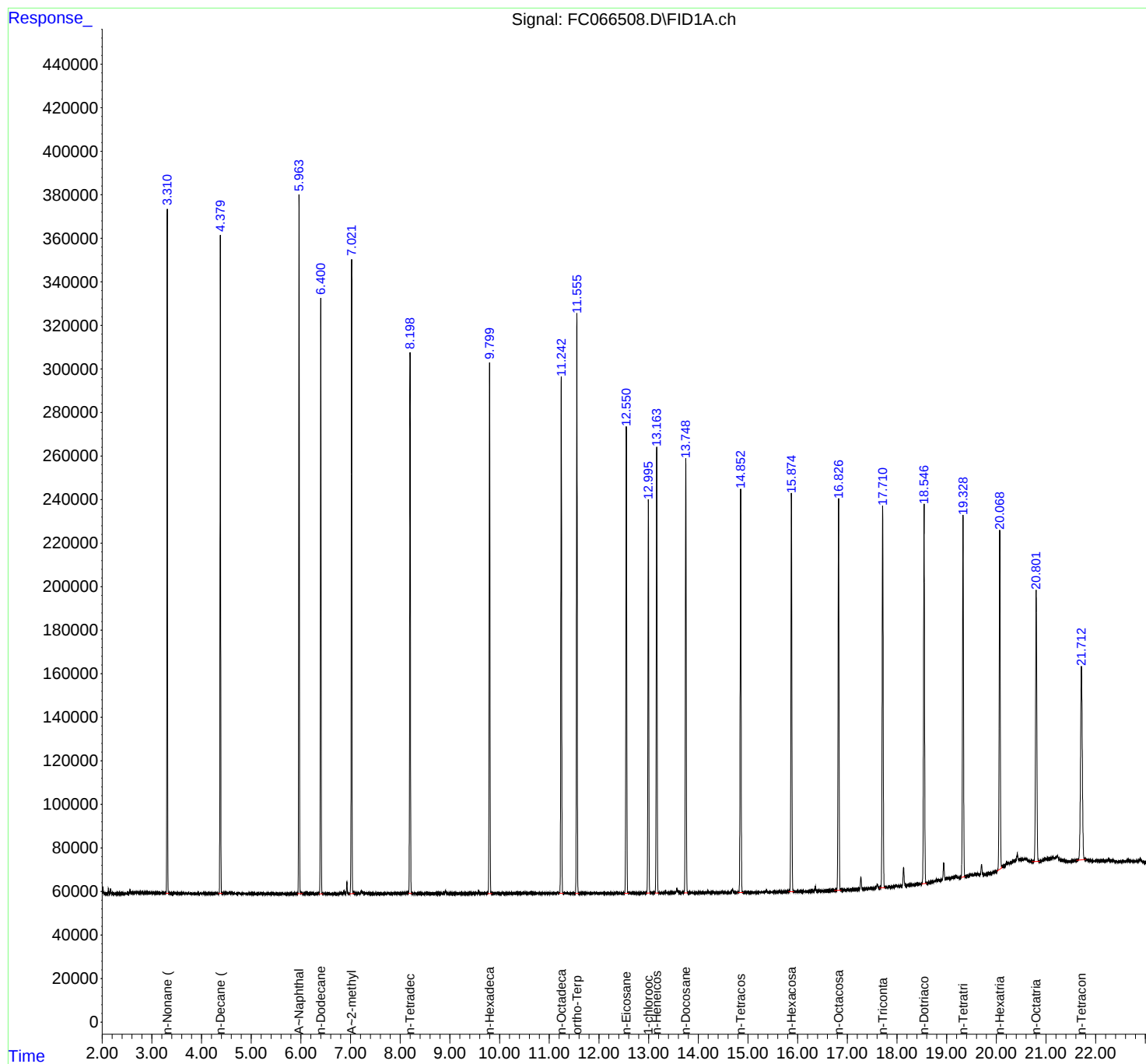
(m)=manual int.

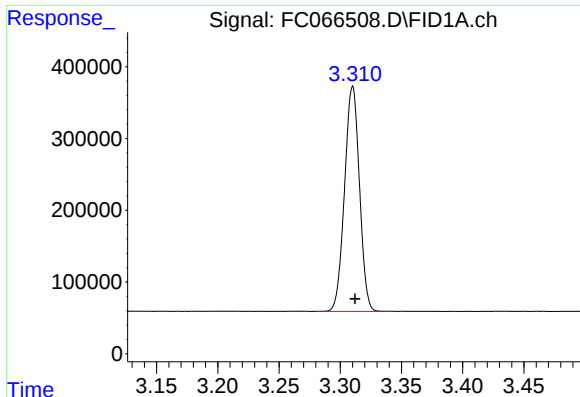
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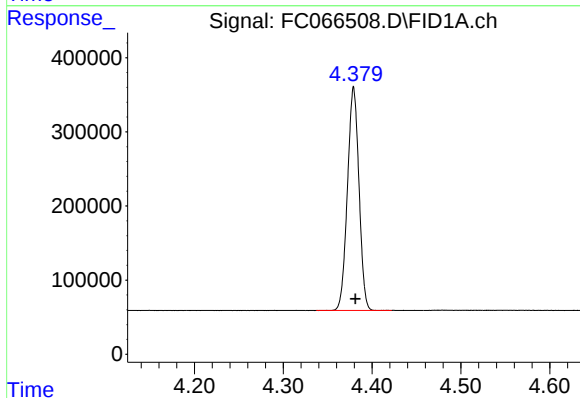




#1 n-Nonane (C9)

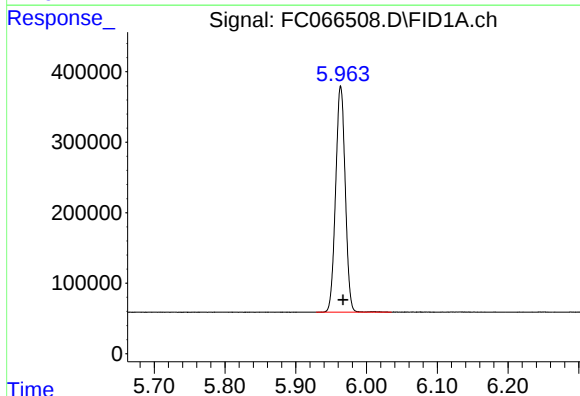
R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2658699
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



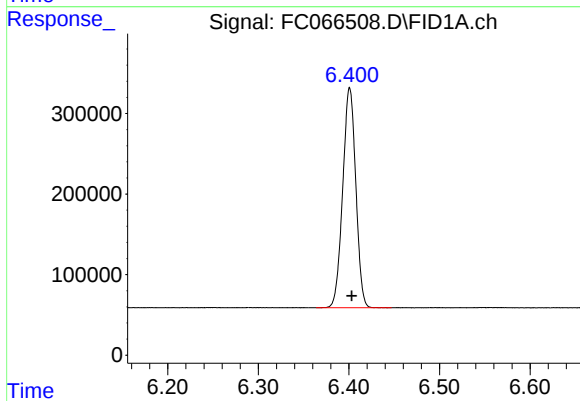
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 2720031
Conc: 18.90 ug/ml



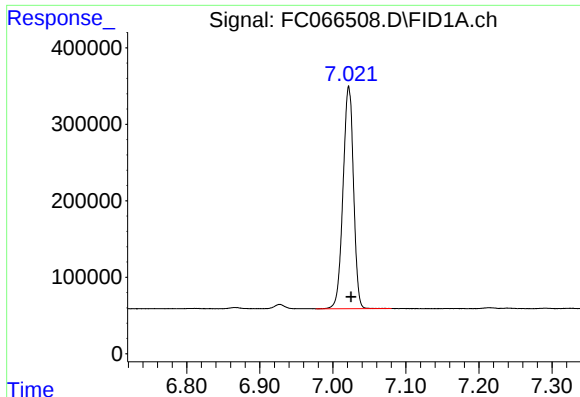
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 3013722
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

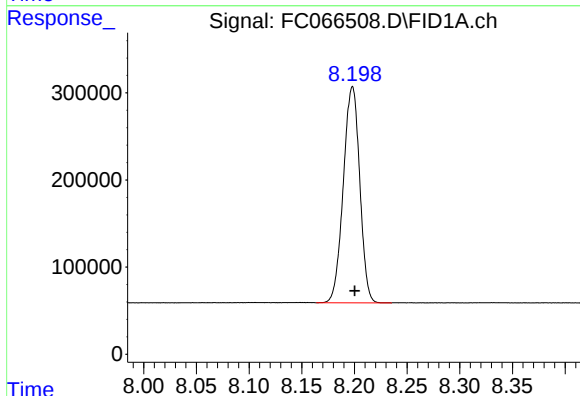
R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 2739348
Conc: 19.02 ug/ml



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

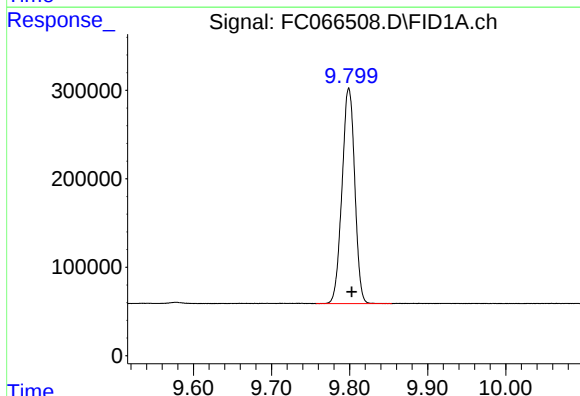
R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 2899011
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



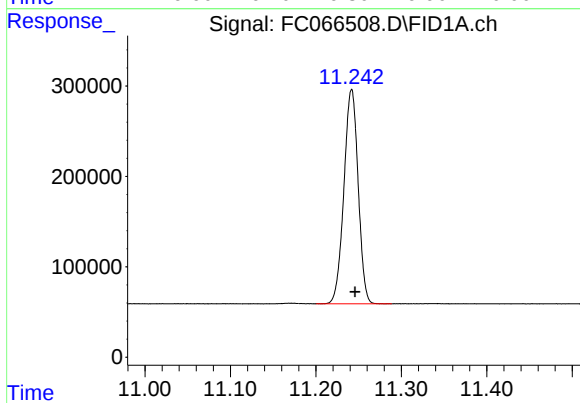
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 2693593
Conc: 19.08 ug/ml



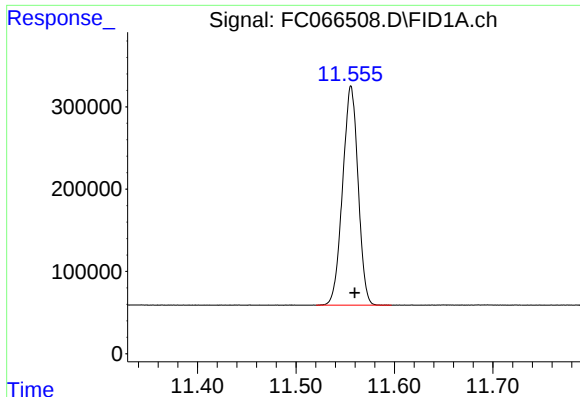
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.004 min
Response: 2758890
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

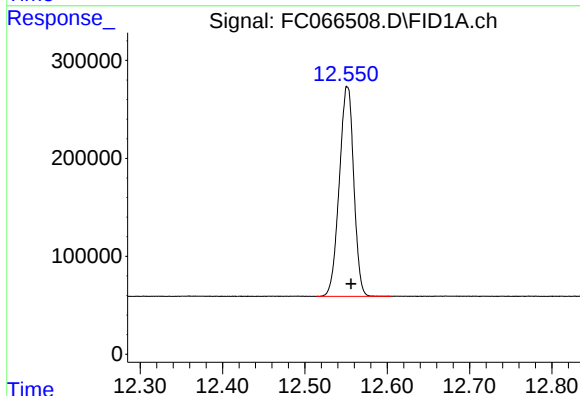
R.T.: 11.242 min
Delta R.T.: -0.004 min
Response: 2748471
Conc: 19.21 ug/ml



#9 ortho-Terphenyl (SURR)

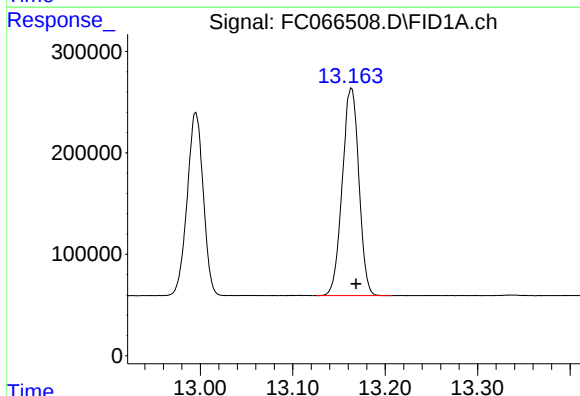
R.T.: 11.556 min
Delta R.T.: -0.004 min
Response: 2907771
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



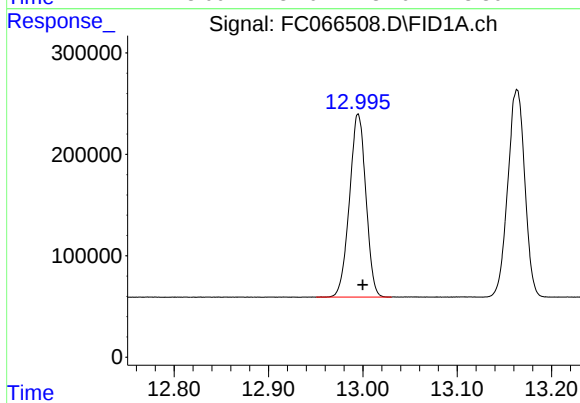
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.005 min
Response: 2614314
Conc: 19.21 ug/ml



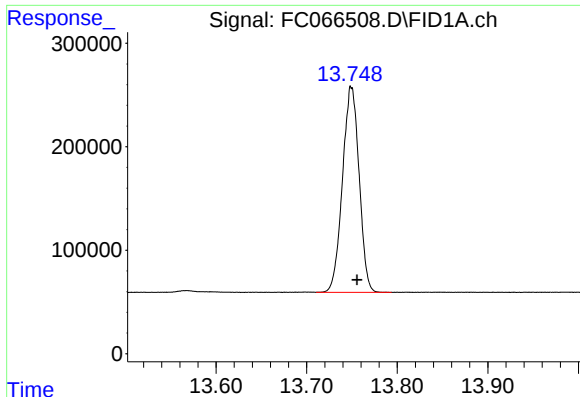
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.005 min
Response: 2557400
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

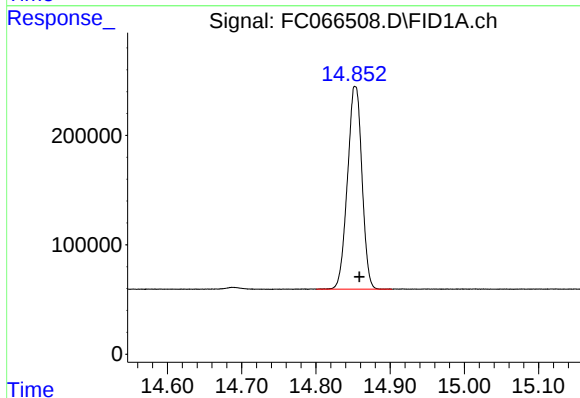
R.T.: 12.995 min
Delta R.T.: -0.005 min
Response: 2178337
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

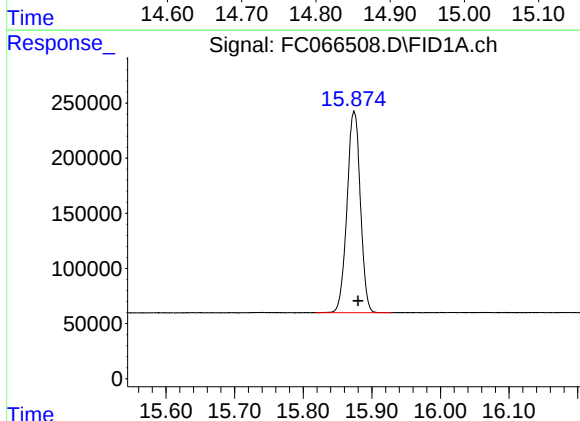
R.T.: 13.749 min
Delta R.T.: -0.006 min
Response: 2536790
Conc: 19.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



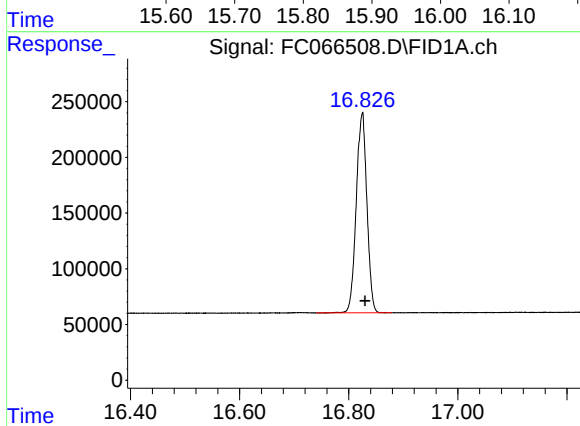
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.006 min
Response: 2513221
Conc: 19.31 ug/ml



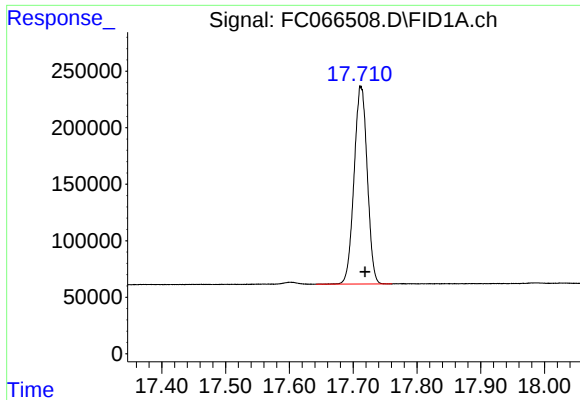
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.006 min
Response: 2466784
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

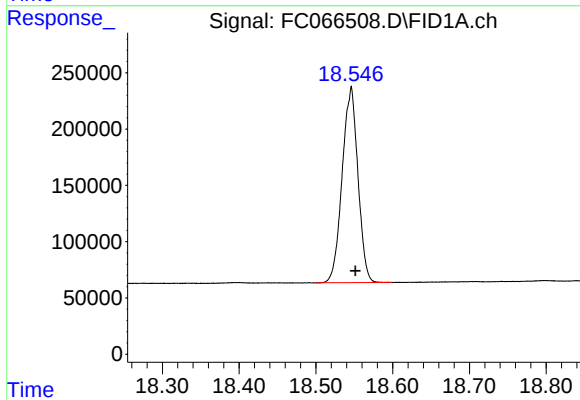
R.T.: 16.824 min
Delta R.T.: -0.006 min
Response: 2435876
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

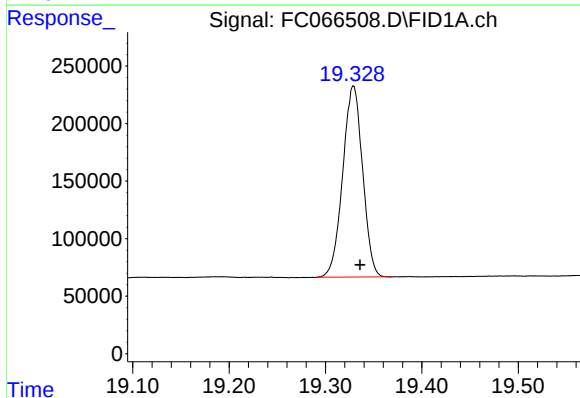
R.T.: 17.712 min
Delta R.T.: -0.006 min
Response: 2509692
Conc: 19.91 ug/ml

Instrument :
FID_C
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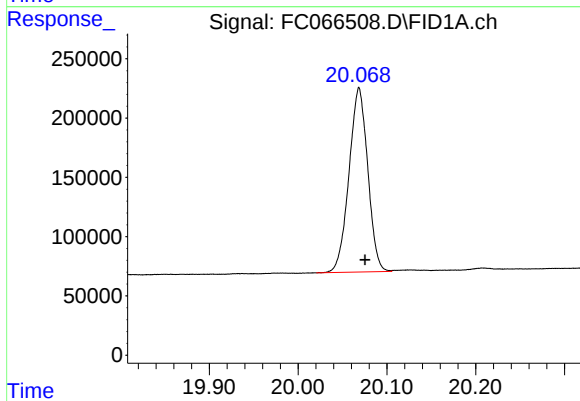
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.006 min
Response: 2475233
Conc: 20.11 ug/ml



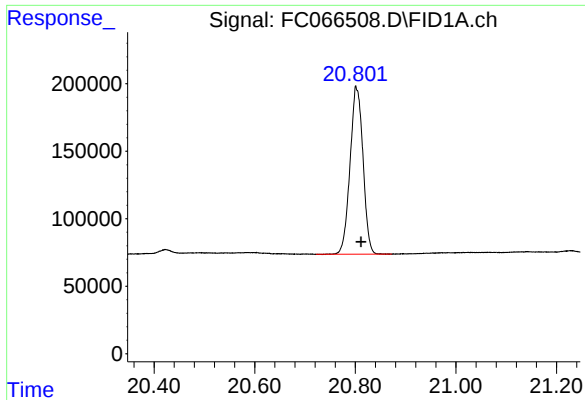
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.007 min
Response: 2374839
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

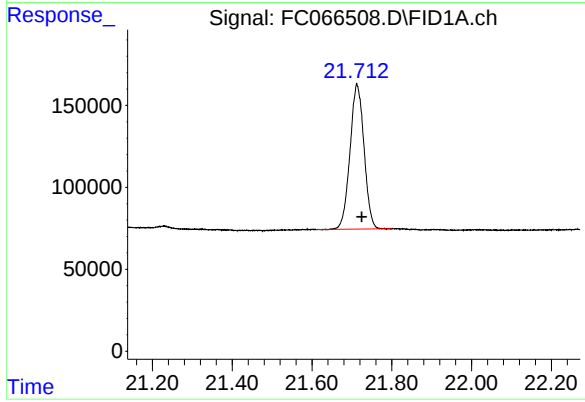
R.T.: 20.069 min
Delta R.T.: -0.007 min
Response: 2279055
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.009 min
Response: 2215089
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: -0.012 min
Response: 2155382
Conc: 17.60 ug/ml