

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011623AL\
 Data File : FC062668.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jan 2023 10:11
 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: Jan 17 02:01:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.548	2418105	17.115 ug/ml
Spiked Amount 50.000		Recovery =	34.23%
12) S 1-chlorooctadecane (S...	12.987	1797372	17.063 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T n-Nonane (C9)	3.311	2184132	16.333 ug/ml
2) T n-Decane (C10)	4.378	2202775	16.984 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2464050	16.768 ug/ml
4) T n-Dodecane (C12)	6.398	2220993	17.281 ug/ml
5) T A~2-methylnaphthalene...	7.019	2297227	16.803 ug/ml
6) T n-Tetradecane (C14)	8.193	2209143	17.161 ug/ml
7) T n-Hexadecane (C16)	9.793	2225245	17.231 ug/ml
8) T n-Octadecane (C18)	11.235	2249829	17.373 ug/ml
10) T n-Eicosane (C20)	12.543	2161961	17.518 ug/ml
11) T n-Heneicosane (C21)	13.156	2137487	17.440 ug/ml
13) T n-Docosane (C22)	13.741	2160726	18.074 ug/ml
14) T n-Tetracosane (C24)	14.843	2234869	19.190 ug/ml
15) T n-Hexacosane (C26)	15.863	2254020	20.064 ug/ml
16) T n-Octacosane (C28)	16.812	2370246	21.587 ug/ml
17) T n-Tricontane (C30)	17.697	2520021	23.270 ug/ml
18) T n-Dotriacontane (C32)	18.528	2582514	23.656 ug/ml
19) T n-Tetratriacontane (C34)	19.310	2338674	21.511 ug/ml
20) T n-Hexatriacontane (C36)	20.047	2154283	19.367 ug/ml
21) T n-Octatriacontane (C38)	20.780	2025230	19.123 ug/ml
22) T n-Tetracontane (C40)	21.682	1966432	18.465 ug/ml

(f)=RT Delta > 1/2 Window

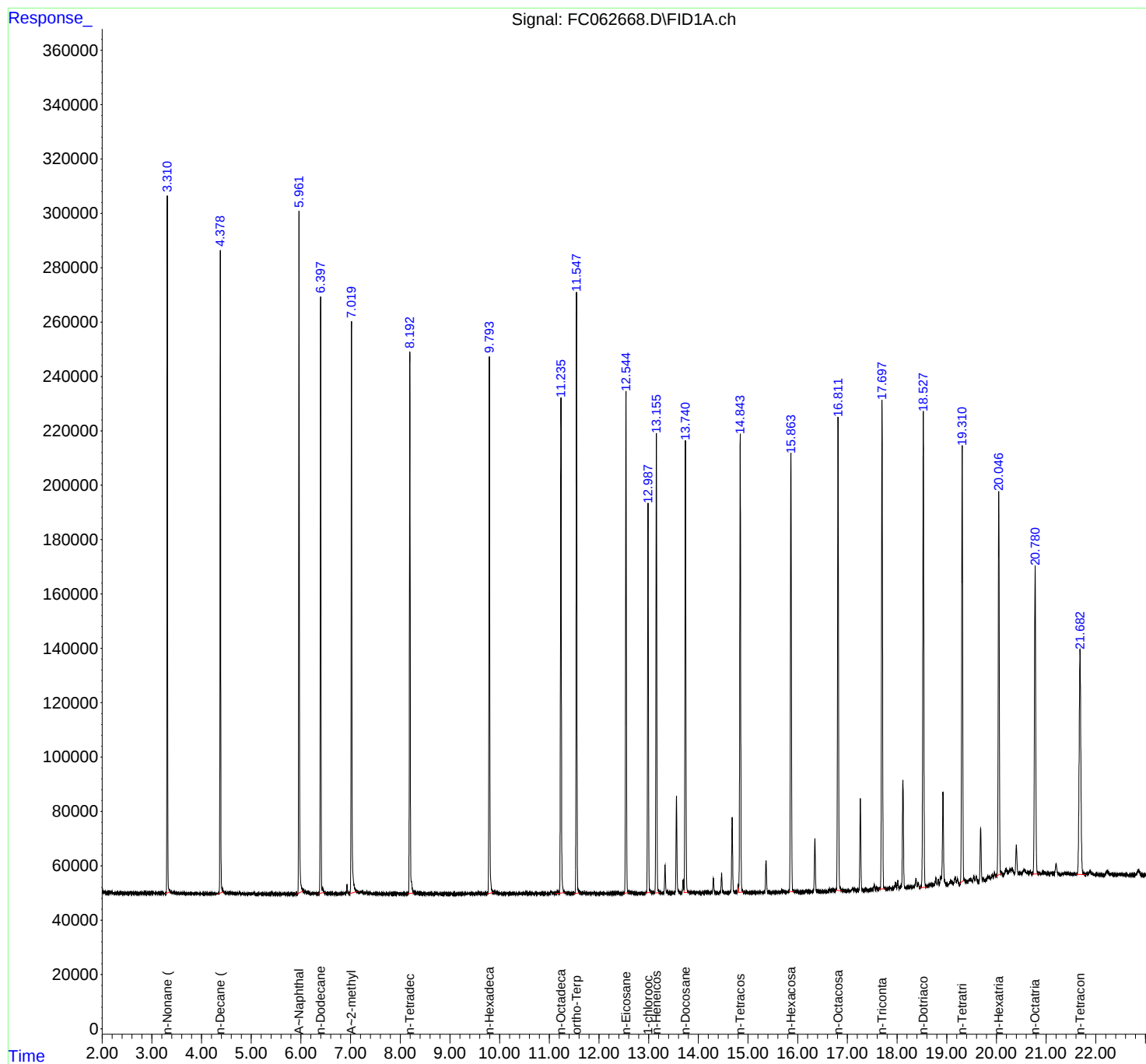
(m)=manual int.

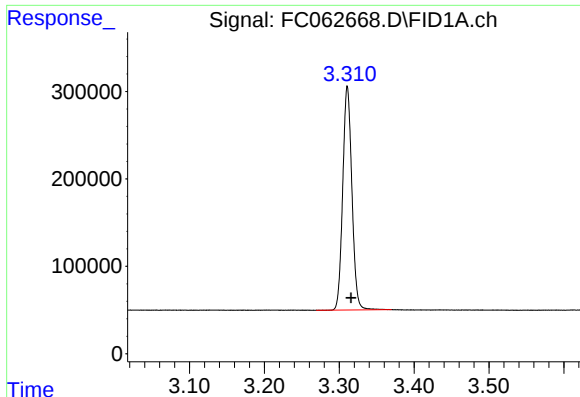
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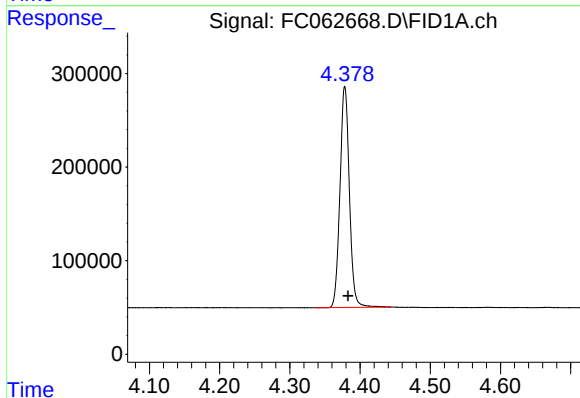




#1 n-Nonane (C9)

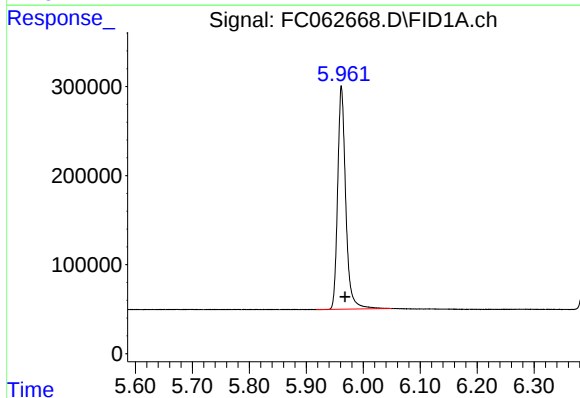
R.T.: 3.311 min
Delta R.T.: -0.005 min
Response: 2184132
Conc: 16.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



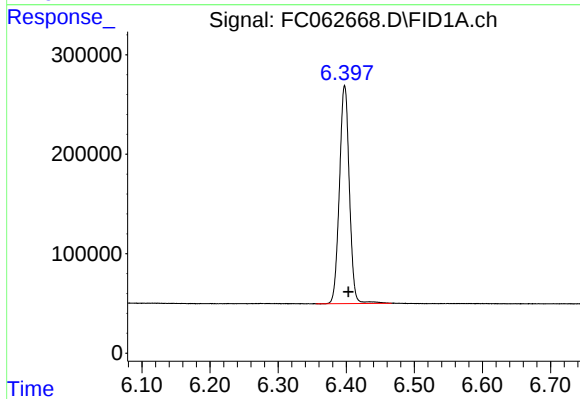
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.005 min
Response: 2202775
Conc: 16.98 ug/ml



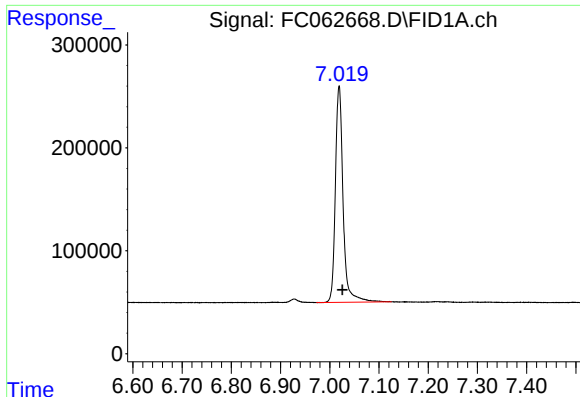
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 2464050
Conc: 16.77 ug/ml



#4 n-Dodecane (C12)

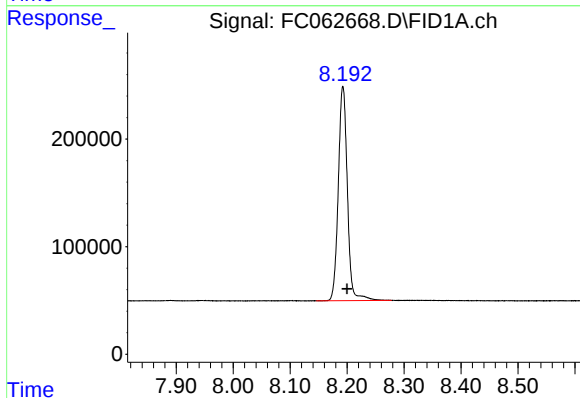
R.T.: 6.398 min
Delta R.T.: -0.006 min
Response: 2220993
Conc: 17.28 ug/ml



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

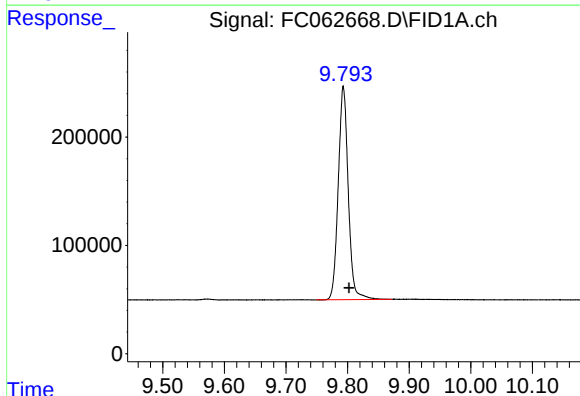
R.T.: 7.019 min
Delta R.T.: -0.007 min
Response: 2297227
Conc: 16.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



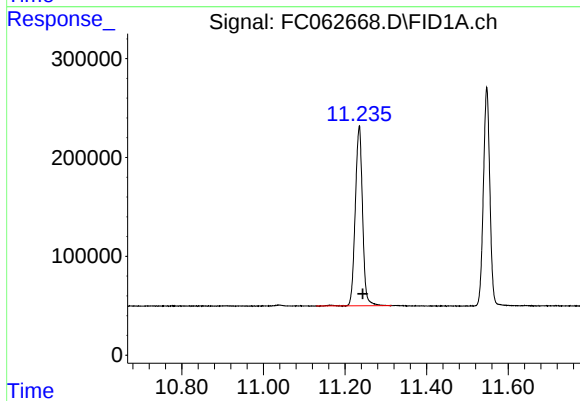
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: -0.007 min
Response: 2209143
Conc: 17.16 ug/ml



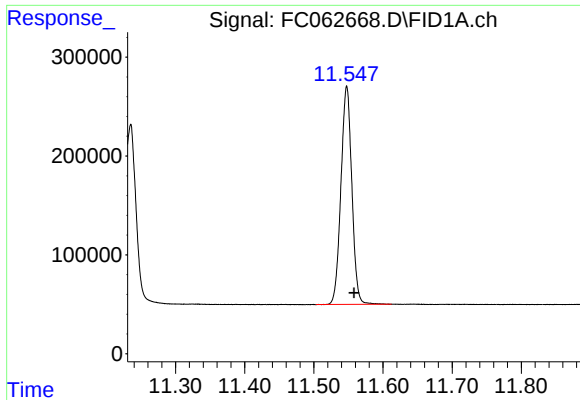
#7 n-Hexadecane (C16)

R.T.: 9.793 min
Delta R.T.: -0.009 min
Response: 2225245
Conc: 17.23 ug/ml



#8 n-Octadecane (C18)

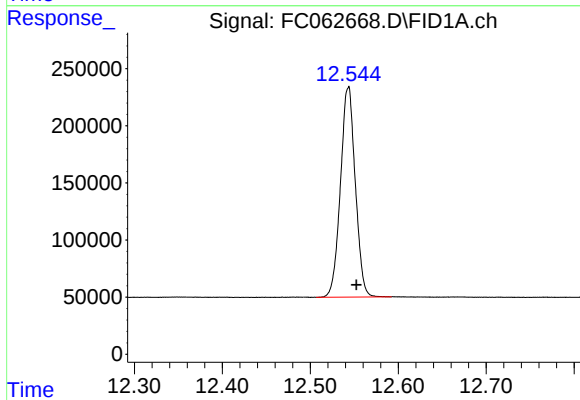
R.T.: 11.235 min
Delta R.T.: -0.009 min
Response: 2249829
Conc: 17.37 ug/ml



#9 ortho-Terphenyl (SURR)

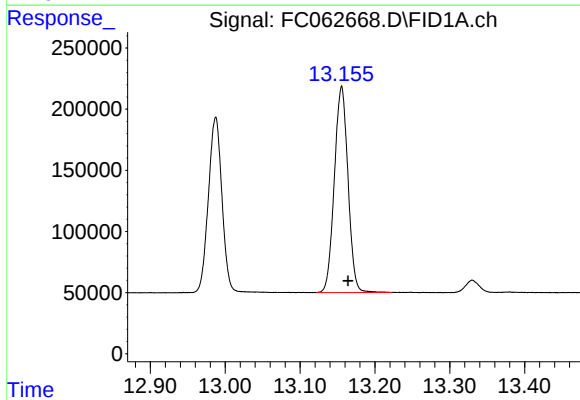
R.T.: 11.548 min
Delta R.T.: -0.011 min
Response: 2418105
Conc: 17.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



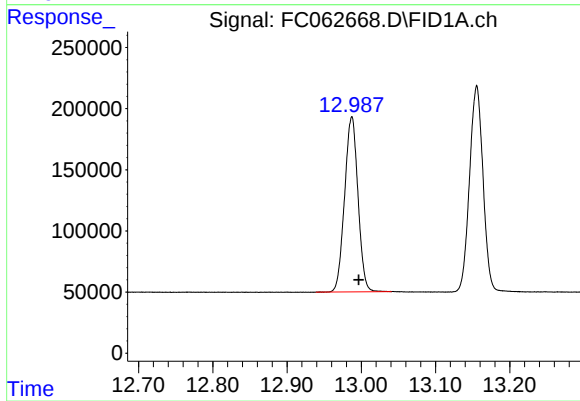
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: -0.009 min
Response: 2161961
Conc: 17.52 ug/ml



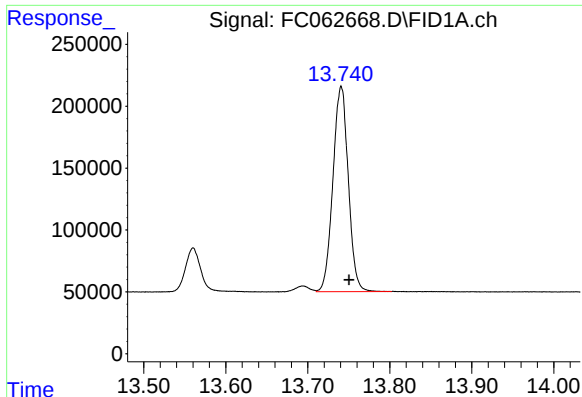
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.009 min
Response: 2137487
Conc: 17.44 ug/ml



#12 1-chlorooctadecane (SURR)

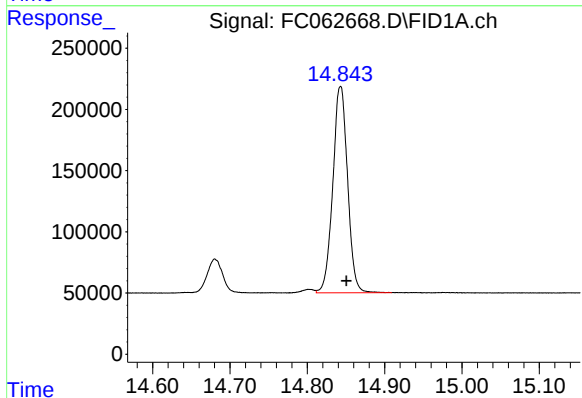
R.T.: 12.987 min
Delta R.T.: -0.009 min
Response: 1797372
Conc: 17.06 ug/ml



#13 n-Docosane (C22)

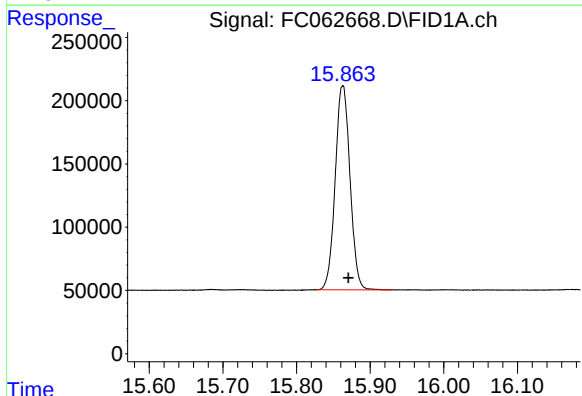
R.T.: 13.741 min
Delta R.T.: -0.009 min
Response: 2160726
Conc: 18.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



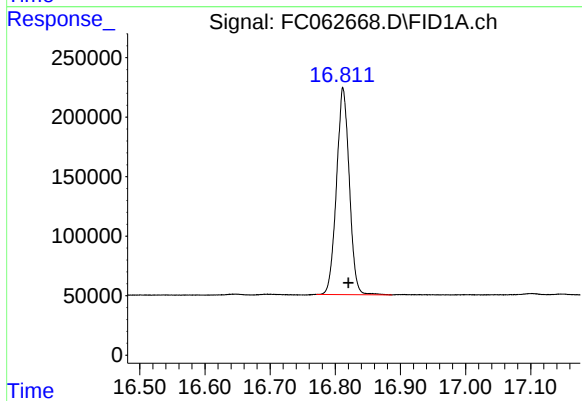
#14 n-Tetracosane (C24)

R.T.: 14.843 min
Delta R.T.: -0.008 min
Response: 2234869
Conc: 19.19 ug/ml



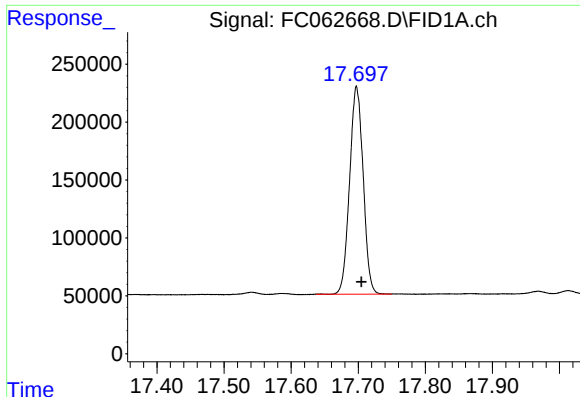
#15 n-Hexacosane (C26)

R.T.: 15.863 min
Delta R.T.: -0.007 min
Response: 2254020
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

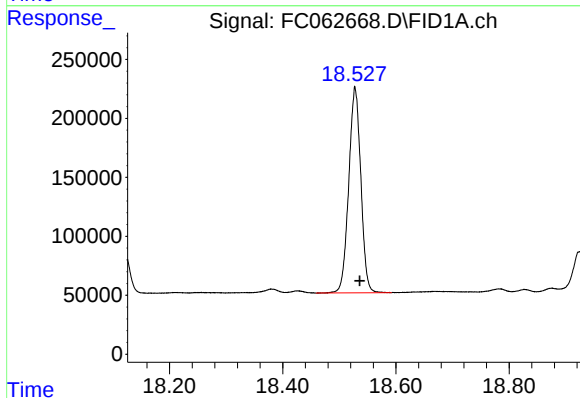
R.T.: 16.812 min
Delta R.T.: -0.008 min
Response: 2370246
Conc: 21.59 ug/ml



#17 n-Tricontane (C30)

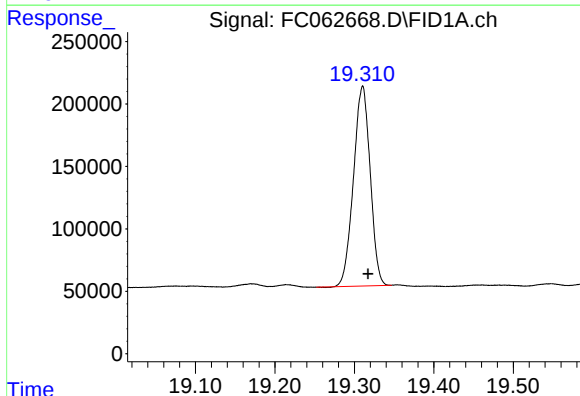
R.T.: 17.697 min
Delta R.T.: -0.008 min
Response: 2520021
Conc: 23.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



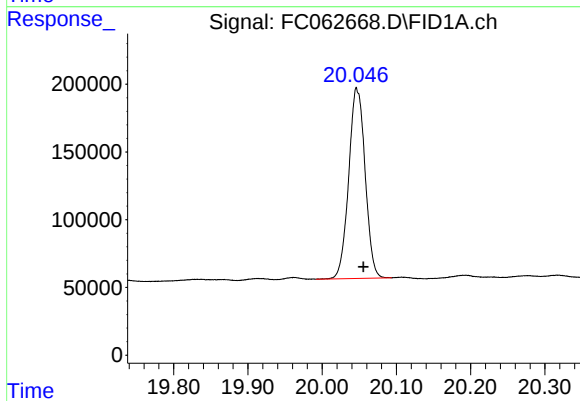
#18 n-Dotriacontane (C32)

R.T.: 18.528 min
Delta R.T.: -0.008 min
Response: 2582514
Conc: 23.66 ug/ml



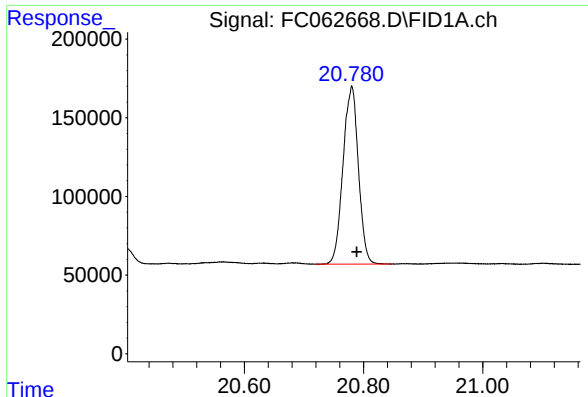
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.007 min
Response: 2338674
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

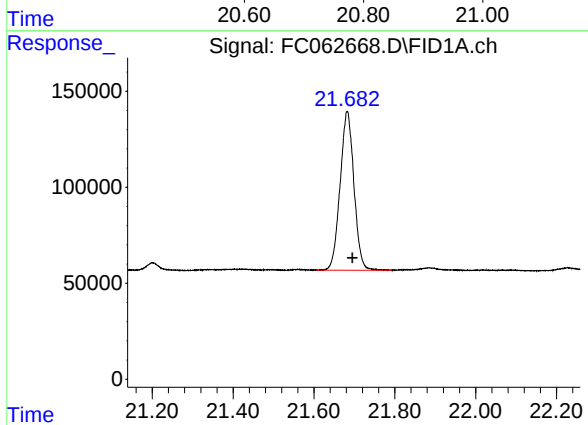
R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 2154283
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.008 min
Response: 2025230
Conc: 19.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.682 min
Delta R.T.: -0.013 min
Response: 1966432
Conc: 18.46 ug/ml