

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011323AL\
 Data File : FC062665.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2023 03:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 16 02:14:06 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)	11.554	2679084	18.962 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	12.993	2021717	19.193 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.310	2418966	18.089 ug/ml
2) T n-Decane (C10)	4.379	2406868	18.558 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2710219	18.443 ug/ml
4) T n-Dodecane (C12)	6.400	2342419	18.226 ug/ml
5) T A~2-methylnaphthalene...	7.022	2538074	18.564 ug/ml
6) T n-Tetradecane (C14)	8.196	2403495	18.671 ug/ml
7) T n-Hexadecane (C16)	9.798	2440246	18.896 ug/ml
8) T n-Octadecane (C18)	11.239	2471806	19.088 ug/ml
10) T n-Eicosane (C20)	12.549	2382069	19.302 ug/ml
11) T n-Heneicosane (C21)	13.161	2368948	19.328 ug/ml
13) T n-Docosane (C22)	13.747	2338955	19.564 ug/ml
14) T n-Tetracosane (C24)	14.848	2363115	20.291 ug/ml
15) T n-Hexacosane (C26)	15.867	2294355	20.423 ug/ml
16) T n-Octacosane (C28)	16.817	2336034	21.275 ug/ml
17) T n-Tricontane (C30)	17.703	2450541	22.628 ug/ml
18) T n-Dotriacontane (C32)	18.533	2525466	23.133 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2412572	22.191 ug/ml
20) T n-Hexatriacontane (C36)	20.051	2209006	19.859 ug/ml
21) T n-Octatriacontane (C38)	20.784	2149720	20.299 ug/ml
22) T n-Tetracontane (C40)	21.692	2117751	19.886 ug/ml

(f)=RT Delta > 1/2 Window

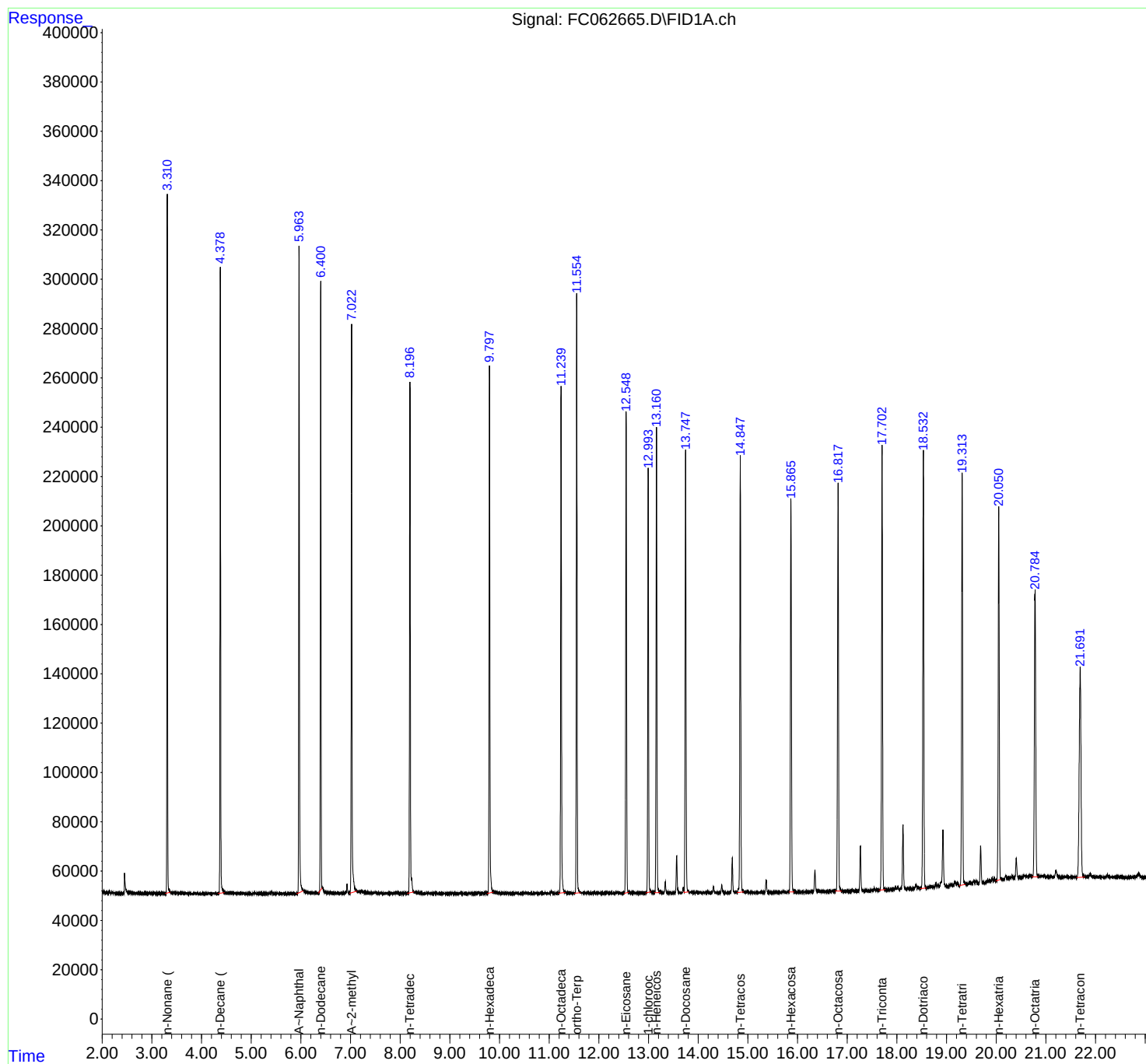
(m)=manual int.

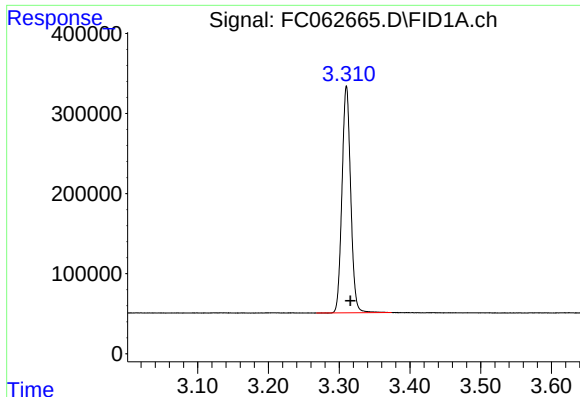
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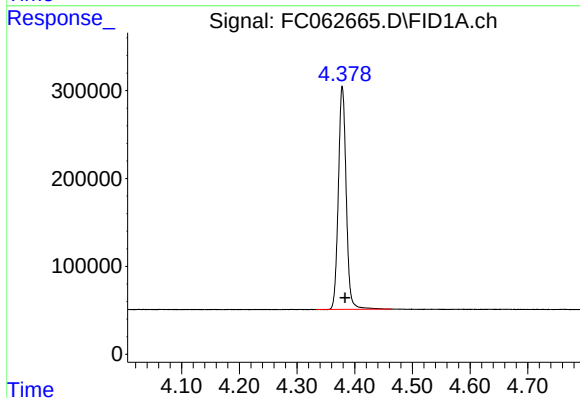




#1 n-Nonane (C9)

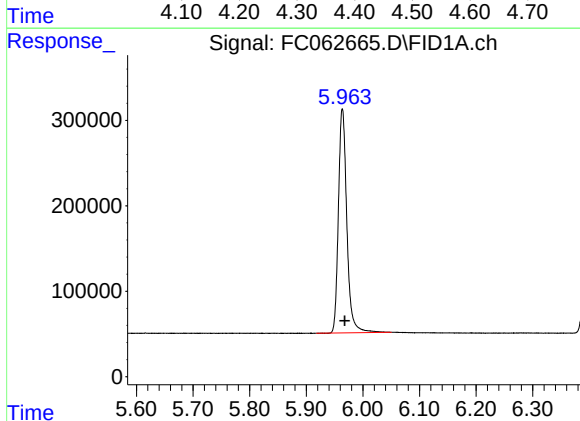
R.T.: 3.310 min
Delta R.T.: -0.006 min
Response: 2418966
Conc: 18.09 ug/ml

Instrument :
FID_C
ClientSampleId :



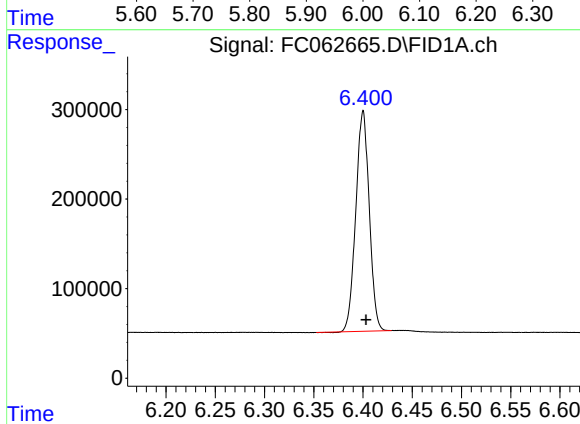
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.005 min
Response: 2406868
Conc: 18.56 ug/ml



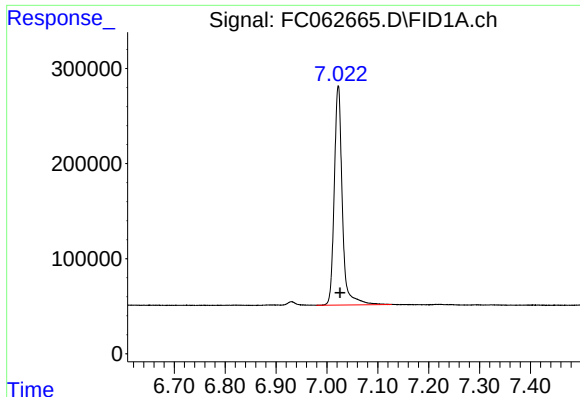
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 2710219
Conc: 18.44 ug/ml



#4 n-Dodecane (C12)

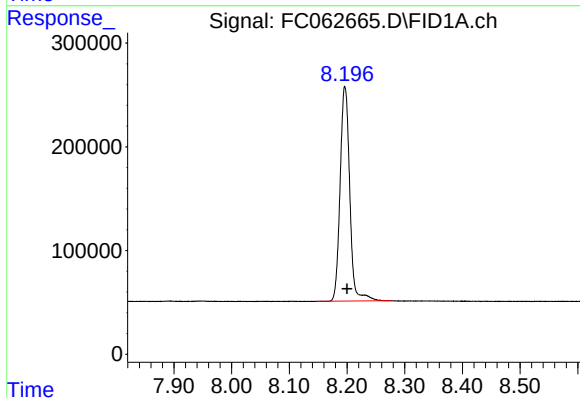
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 2342419
Conc: 18.23 ug/ml



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

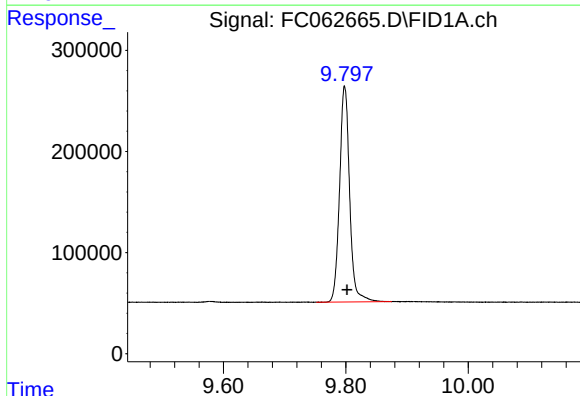
R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 2538074
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :



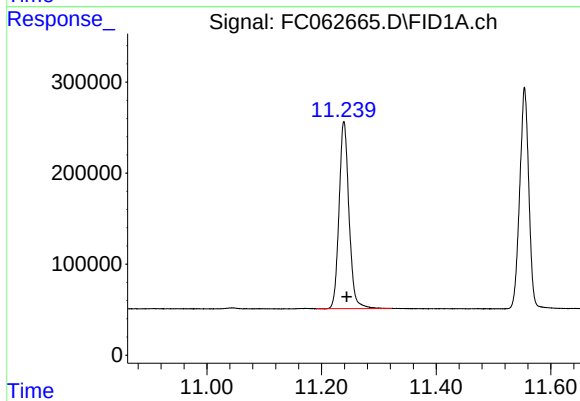
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 2403495
Conc: 18.67 ug/ml



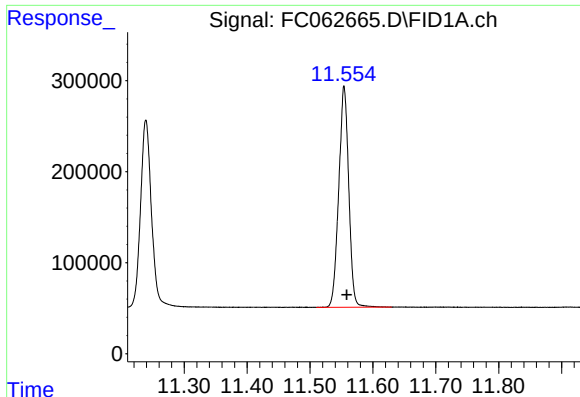
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.004 min
Response: 2440246
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

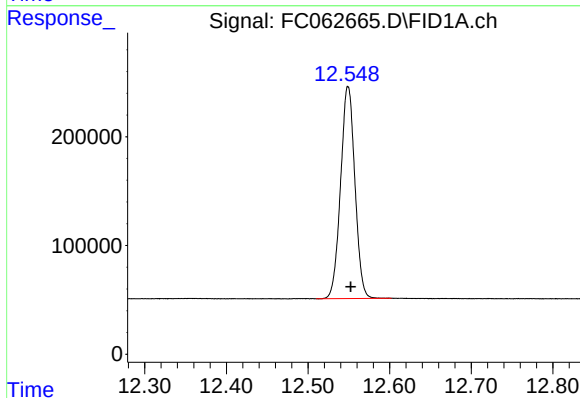
R.T.: 11.239 min
Delta R.T.: -0.005 min
Response: 2471806
Conc: 19.09 ug/ml



#9 ortho-Terphenyl (SURR)

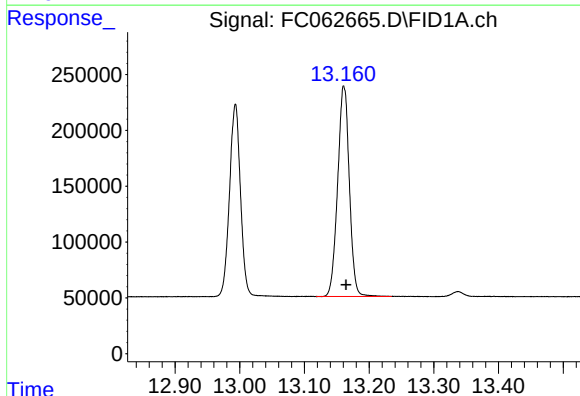
R.T.: 11.554 min
Delta R.T.: -0.004 min
Response: 2679084
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :



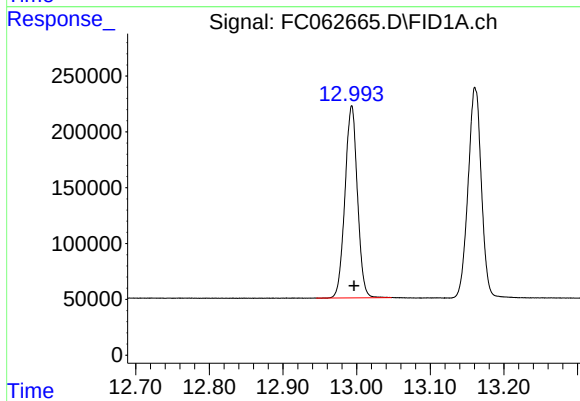
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.003 min
Response: 2382069
Conc: 19.30 ug/ml



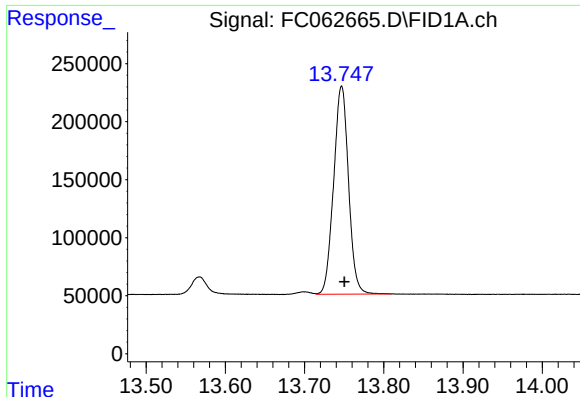
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.003 min
Response: 2368948
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

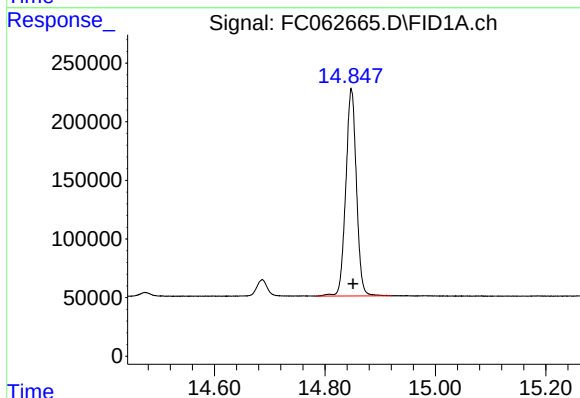
R.T.: 12.993 min
Delta R.T.: -0.003 min
Response: 2021717
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

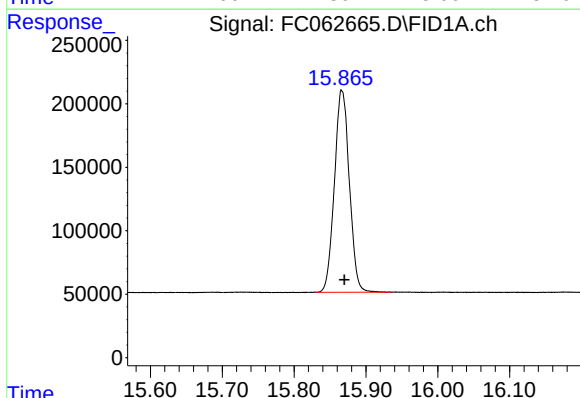
R.T.: 13.747 min
Delta R.T.: -0.003 min
Response: 2338955
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



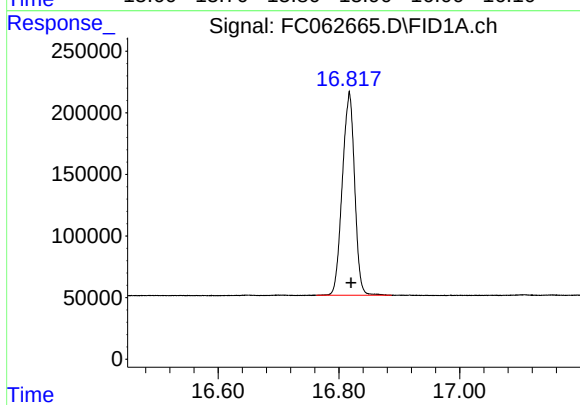
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.003 min
Response: 2363115
Conc: 20.29 ug/ml



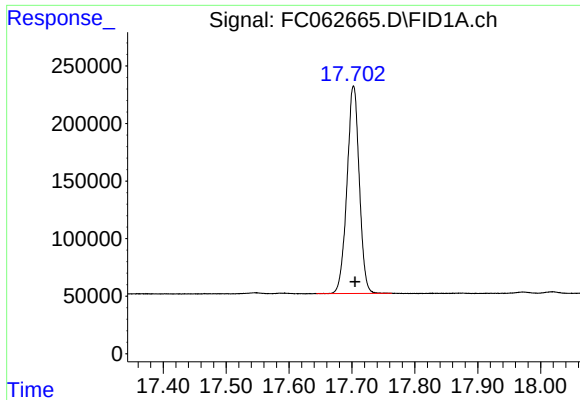
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.004 min
Response: 2294355
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

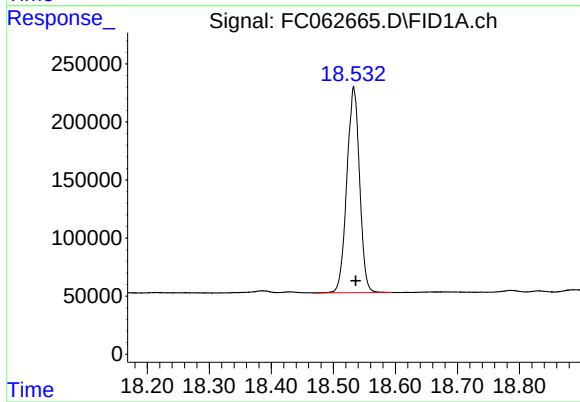
R.T.: 16.817 min
Delta R.T.: -0.003 min
Response: 2336034
Conc: 21.28 ug/ml



#17 n-Tricontane (C30)

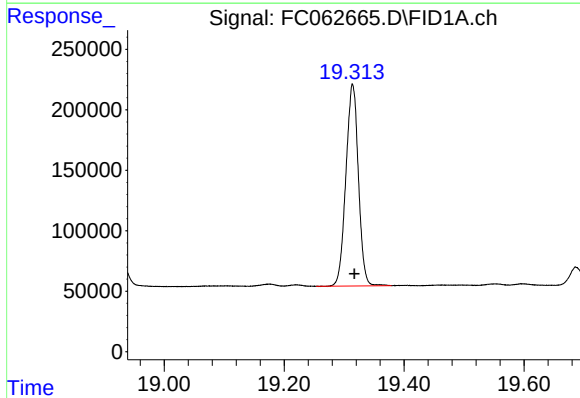
R.T.: 17.703 min
Delta R.T.: -0.002 min
Response: 2450541
Conc: 22.63 ug/ml

Instrument :
FID_C
ClientSampleId :



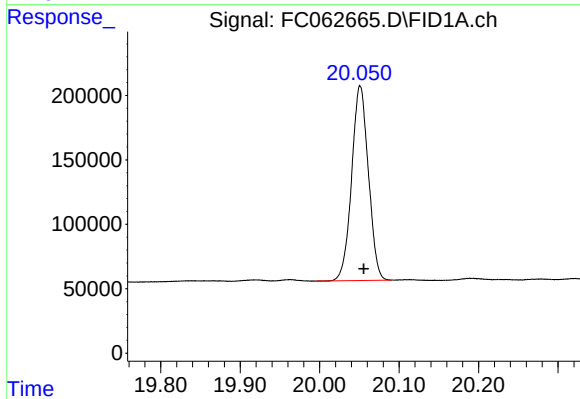
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.003 min
Response: 2525466
Conc: 23.13 ug/ml



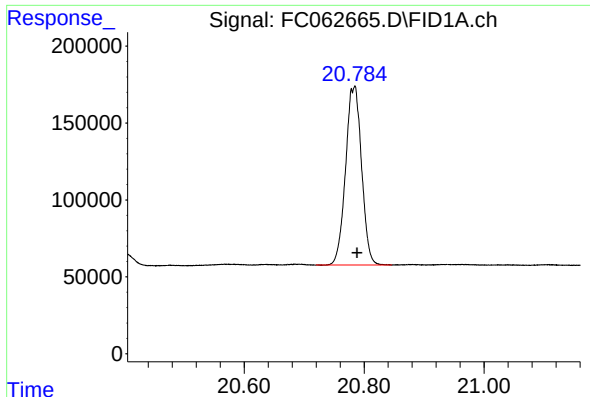
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.003 min
Response: 2412572
Conc: 22.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.051 min
Delta R.T.: -0.005 min
Response: 2209006
Conc: 19.86 ug/ml



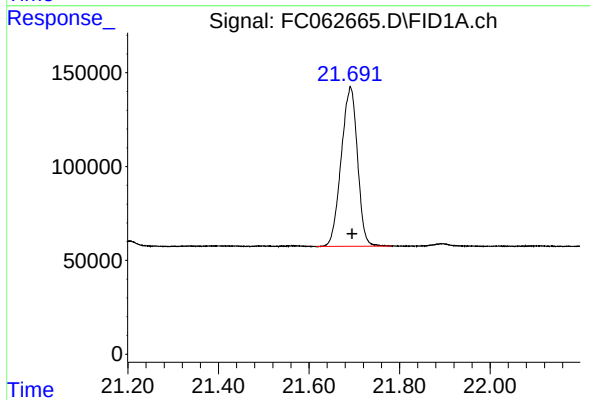
#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.004 min
Response: 2149720
Conc: 20.30 ug/ml

Instrument :

FID_C

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.003 min
Response: 2117751
Conc: 19.89 ug/ml