

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011723AL\
 Data File : FC062688.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2023 11:58
 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: sample.E
 Quant Time: Jan 17 23:52:12 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)	11.551	2699781	19.109 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
12) S 1-chlorooctadecane (S...	12.990	1985742	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T n-Nonane (C9)	3.313	2608887	19.510 ug/ml
2) T n-Decane (C10)	4.380	2538924	19.576 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2838335	19.315 ug/ml
4) T n-Dodecane (C12)	6.399	2454340	19.097 ug/ml
5) T A~2-methylnaphthalene...	7.021	2620934	19.170 ug/ml
6) T n-Tetradecane (C14)	8.195	2496005	19.390 ug/ml
7) T n-Hexadecane (C16)	9.796	2494933	19.319 ug/ml
8) T n-Octadecane (C18)	11.238	2492949	19.251 ug/ml
10) T n-Eicosane (C20)	12.547	2371706	19.218 ug/ml
11) T n-Heneicosane (C21)	13.159	2353715	19.204 ug/ml
13) T n-Docosane (C22)	13.745	2292832	19.179 ug/ml
14) T n-Tetracosane (C24)	14.846	2255841	19.370 ug/ml
15) T n-Hexacosane (C26)	15.867	2189053	19.486 ug/ml
16) T n-Octacosane (C28)	16.815	2155017	19.627 ug/ml
17) T n-Tricontane (C30)	17.702	2139369	19.755 ug/ml
18) T n-Dotriacontane (C32)	18.533	2153236	19.723 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2099436	19.311 ug/ml
20) T n-Hexatriacontane (C36)	20.053	1932899	17.377 ug/ml
21) T n-Octatriacontane (C38)	20.784	1848101	17.451 ug/ml
22) T n-Tetracontane (C40)	21.688	1761160	16.537 ug/ml

(f)=RT Delta > 1/2 Window

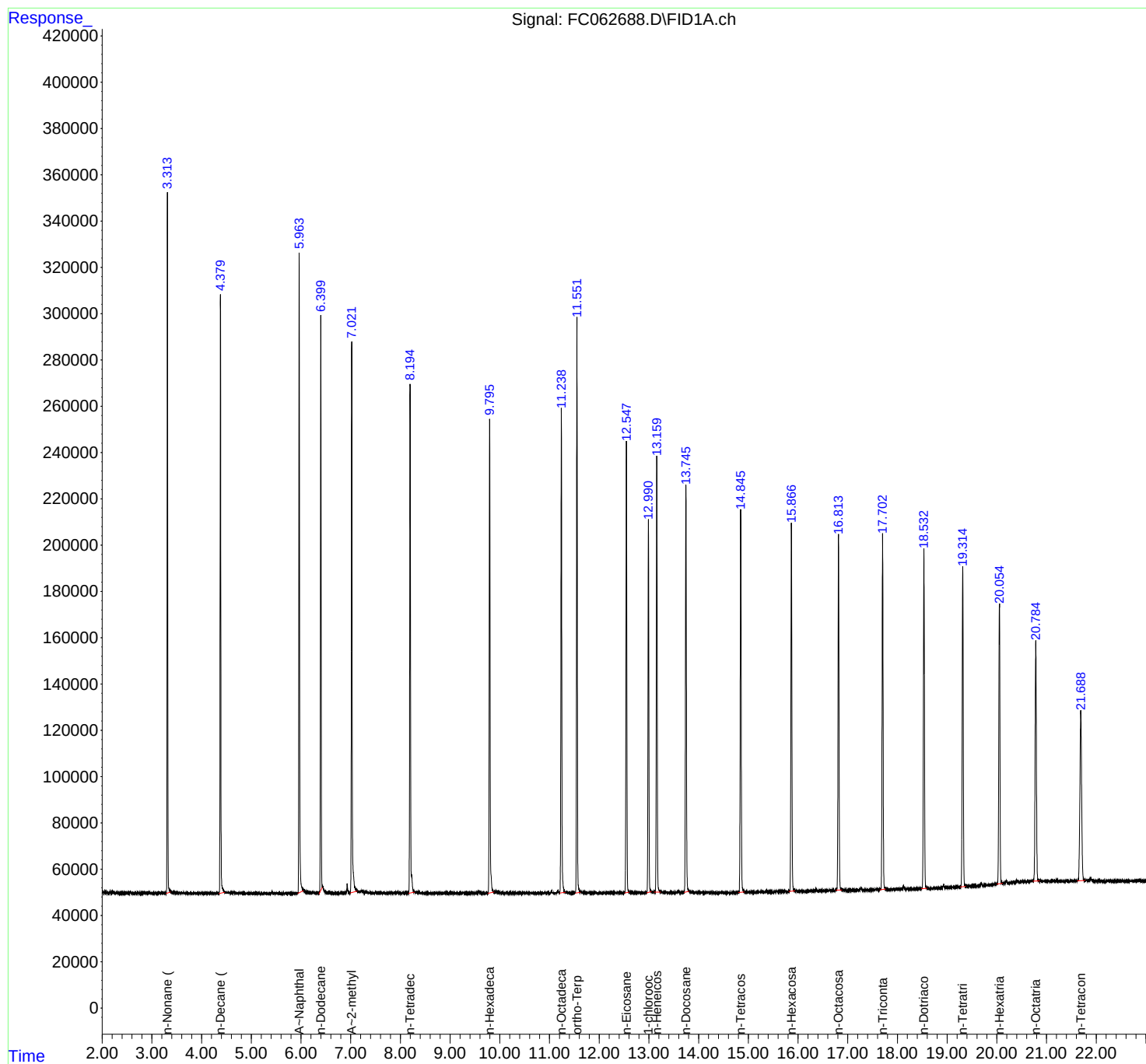
(m)=manual int.

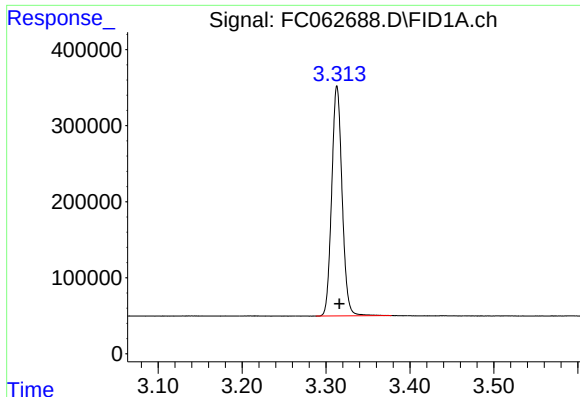
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011723AL\
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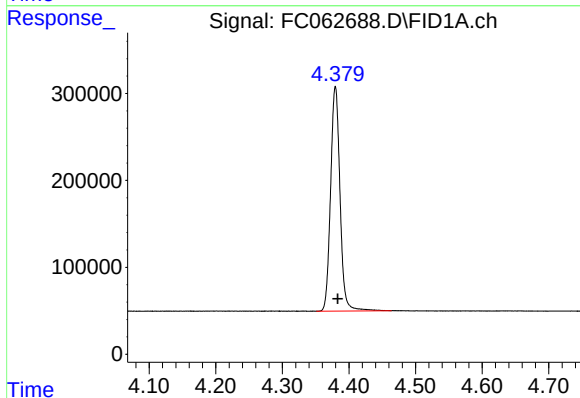




#1 n-Nonane (C9)

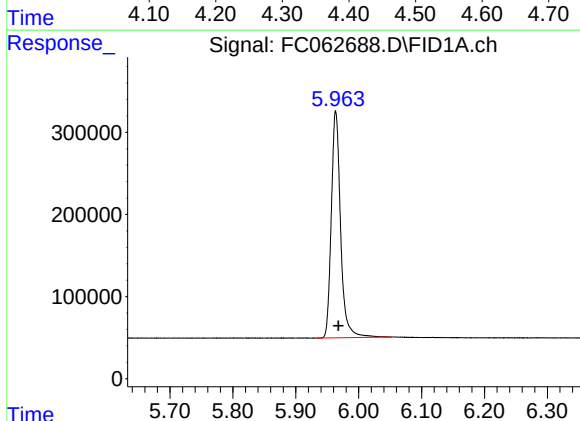
R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 2608887
Conc: 19.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



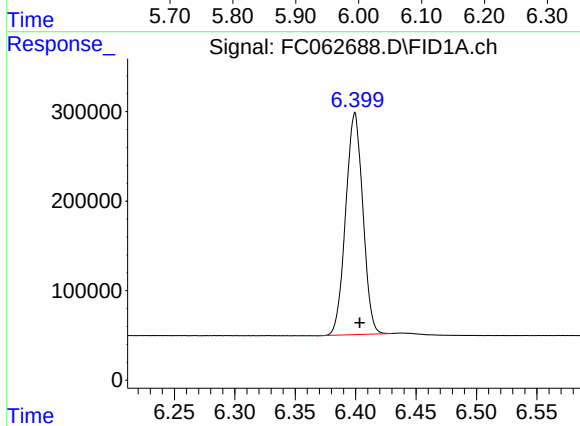
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2538924
Conc: 19.58 ug/ml



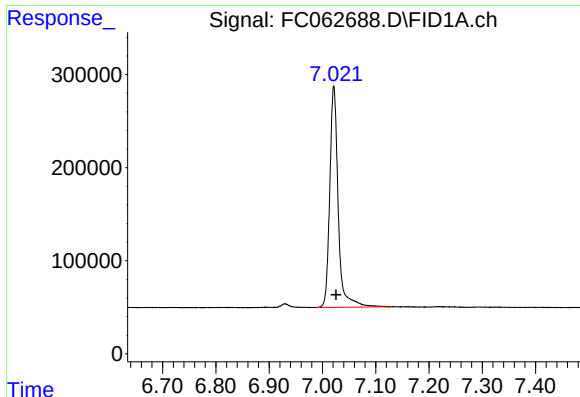
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 2838335
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

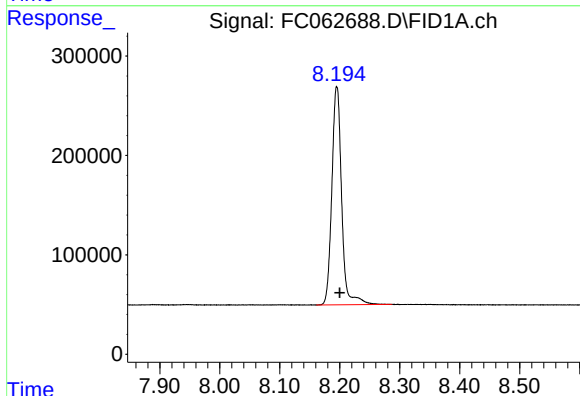
R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 2454340
Conc: 19.10 ug/ml



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

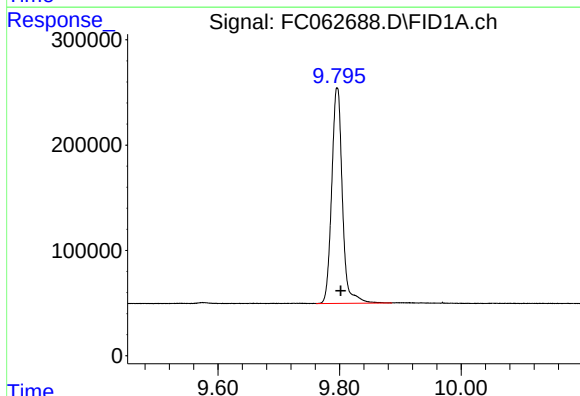
R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 2620934
Conc: 19.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



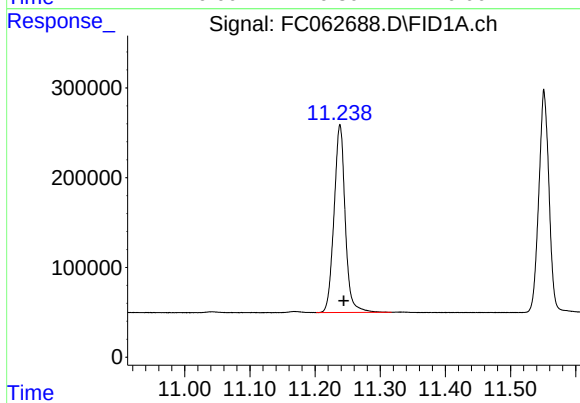
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2496005
Conc: 19.39 ug/ml



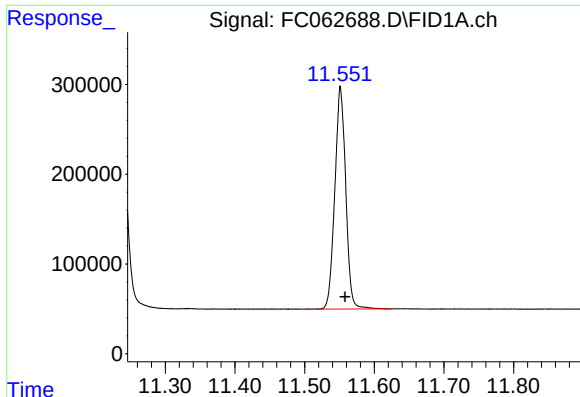
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: -0.006 min
Response: 2494933
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

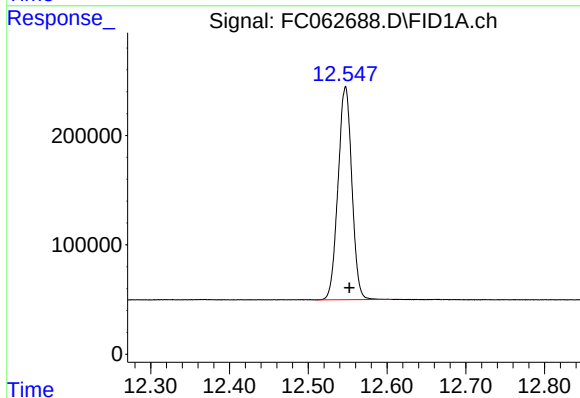
R.T.: 11.238 min
Delta R.T.: -0.005 min
Response: 2492949
Conc: 19.25 ug/ml



#9 ortho-Terphenyl (SURR)

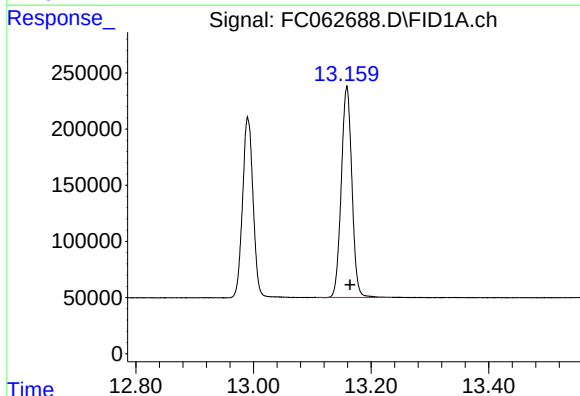
R.T.: 11.551 min
Delta R.T.: -0.007 min
Response: 2699781
Conc: 19.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



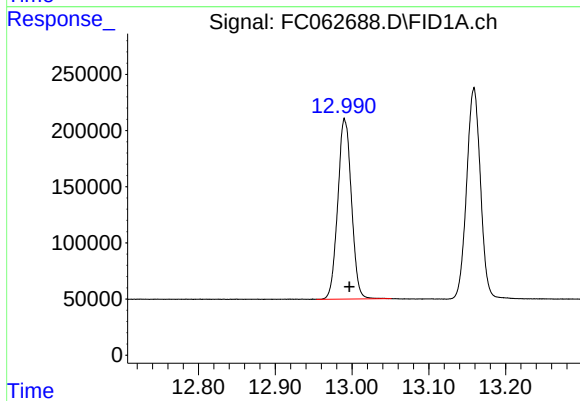
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.005 min
Response: 2371706
Conc: 19.22 ug/ml



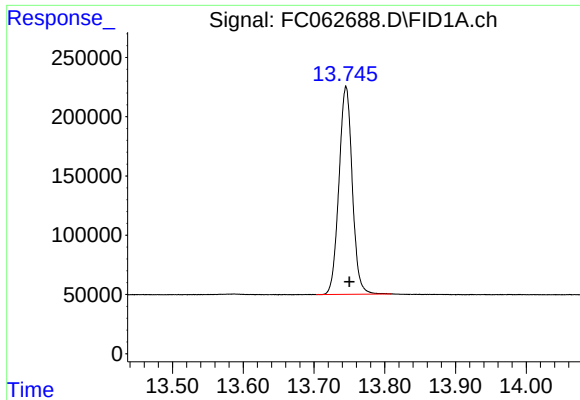
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.005 min
Response: 2353715
Conc: 19.20 ug/ml



#12 1-chlorooctadecane (SURR)

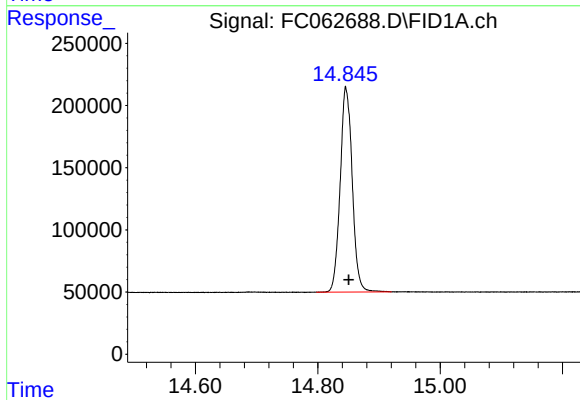
R.T.: 12.990 min
Delta R.T.: -0.006 min
Response: 1985742
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

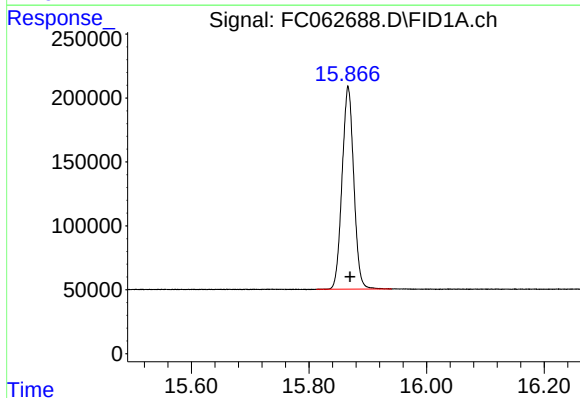
R.T.: 13.745 min
Delta R.T.: -0.005 min
Response: 2292832
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



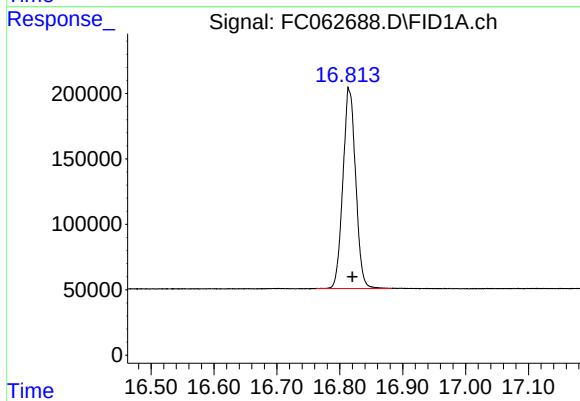
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.005 min
Response: 2255841
Conc: 19.37 ug/ml



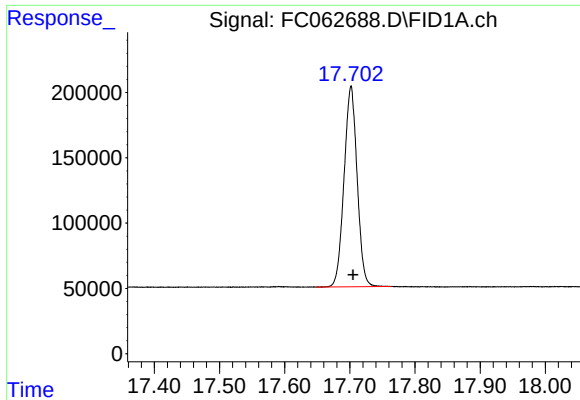
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: -0.004 min
Response: 2189053
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

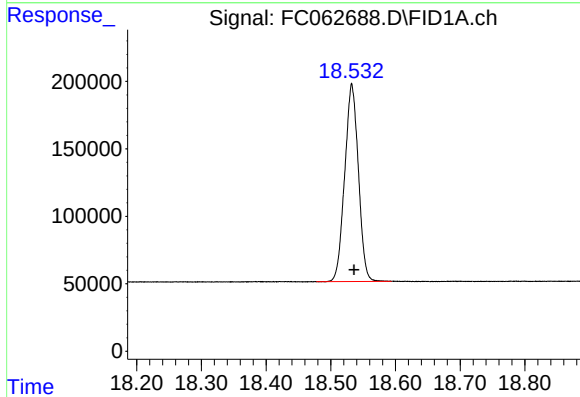
R.T.: 16.815 min
Delta R.T.: -0.005 min
Response: 2155017
Conc: 19.63 ug/ml



#17 n-Tricontane (C30)

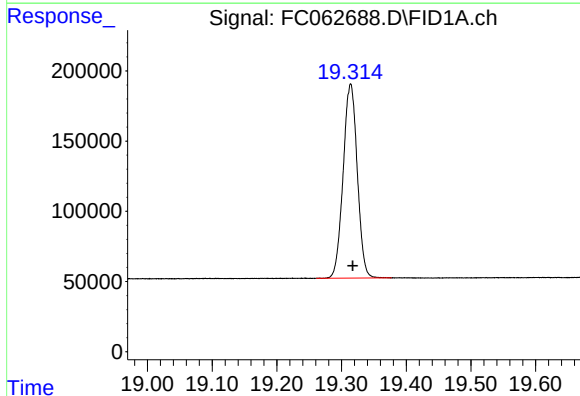
R.T.: 17.702 min
Delta R.T.: -0.003 min
Response: 2139369
Conc: 19.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



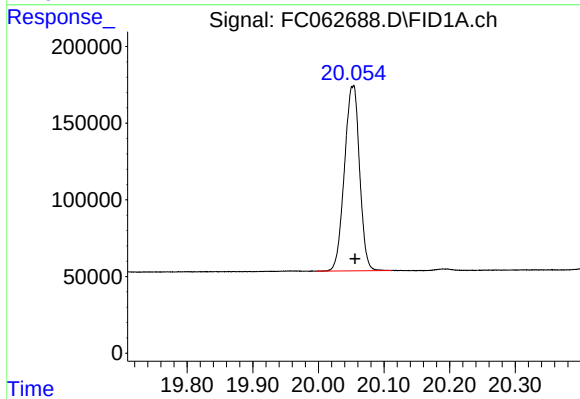
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.004 min
Response: 2153236
Conc: 19.72 ug/ml



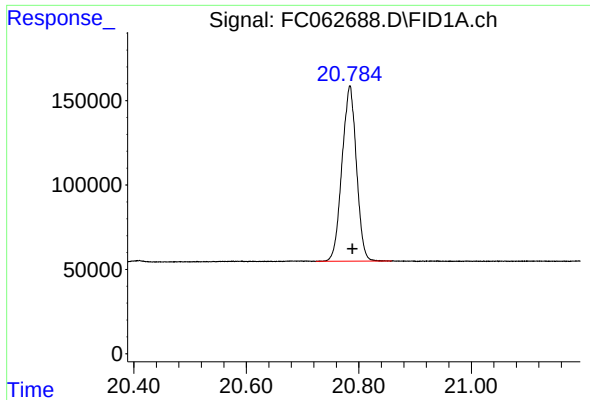
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.003 min
Response: 2099436
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

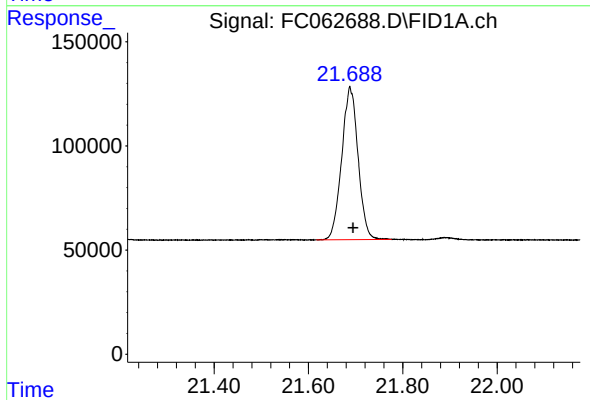
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 1932899
Conc: 17.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.004 min
Response: 1848101
Conc: 17.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.688 min
Delta R.T.: -0.007 min
Response: 1761160
Conc: 16.54 ug/ml