

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011023AL\
 Data File : FC062602.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2023 10:12
 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: Jan 11 05:47:20 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)	11.557	2641546	18.697 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	12.994	2009200	19.074 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.310	2445768	18.290 ug/ml
2) T n-Decane (C10)	4.380	2415832	18.627 ug/ml
3) T A~Naphthalene (C11.7)	5.966	2741373	18.655 ug/ml
4) T n-Dodecane (C12)	6.401	2395739	18.641 ug/ml
5) T A~2-methylnaphthalene...	7.024	2557371	18.705 ug/ml
6) T n-Tetradecane (C14)	8.198	2414499	18.757 ug/ml
7) T n-Hexadecane (C16)	9.800	2436158	18.864 ug/ml
8) T n-Octadecane (C18)	11.242	2442337	18.860 ug/ml
10) T n-Eicosane (C20)	12.551	2347377	19.021 ug/ml
11) T n-Heneicosane (C21)	13.162	2318166	18.914 ug/ml
13) T n-Docosane (C22)	13.748	2306256	19.291 ug/ml
14) T n-Tetracosane (C24)	14.848	2313188	19.862 ug/ml
15) T n-Hexacosane (C26)	15.868	2249476	20.024 ug/ml
16) T n-Octacosane (C28)	16.814	2260562	20.588 ug/ml
17) T n-Tricontane (C30)	17.702	2323134	21.452 ug/ml
18) T n-Dotriacontane (C32)	18.531	2406648	22.045 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2304465	21.197 ug/ml
20) T n-Hexatriacontane (C36)	20.050	2355041	21.172 ug/ml
21) T n-Octatriacontane (C38)	20.782	2131039	20.122 ug/ml
22) T n-Tetracontane (C40)	21.689	2154540	20.231 ug/ml

(f)=RT Delta > 1/2 Window

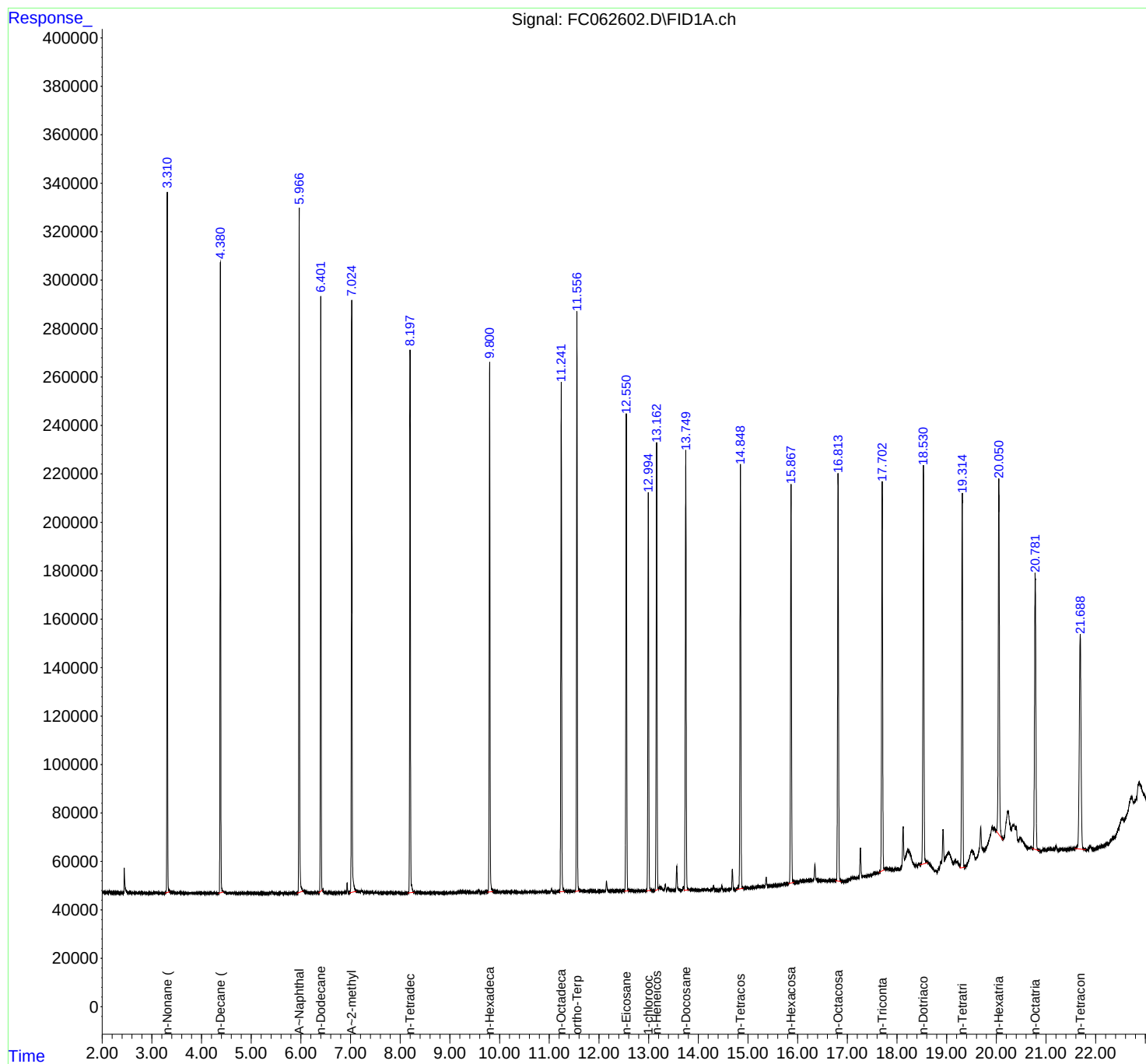
(m)=manual int.

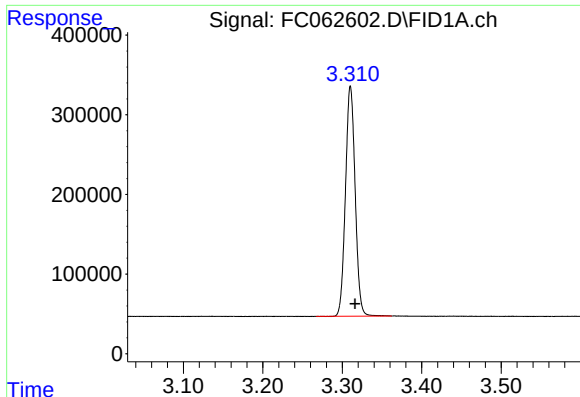
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011023AL\
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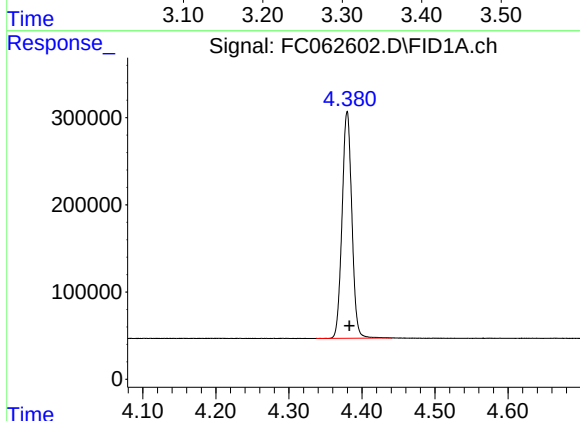




#1 n-Nonane (C9)

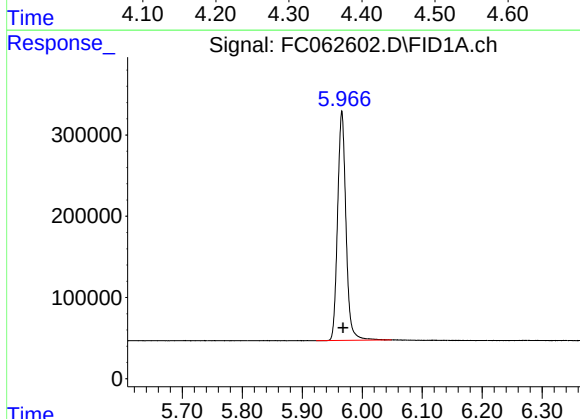
R.T.: 3.310 min
Delta R.T.: -0.006 min
Response: 2445768
Conc: 18.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



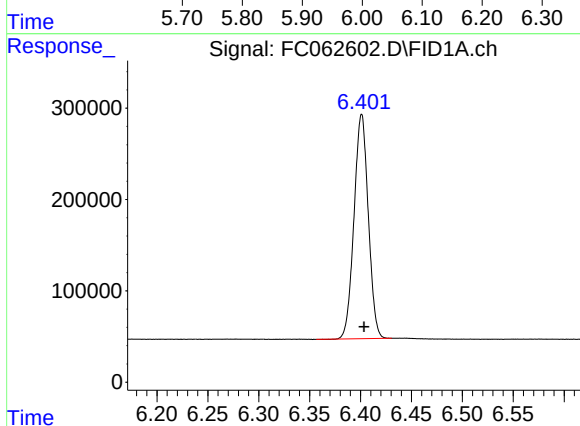
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2415832
Conc: 18.63 ug/ml



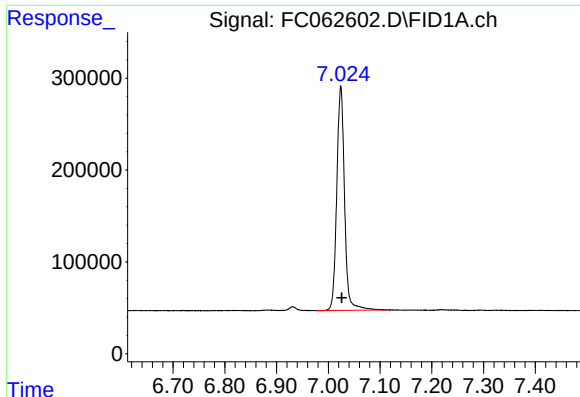
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 2741373
Conc: 18.66 ug/ml



#4 n-Dodecane (C12)

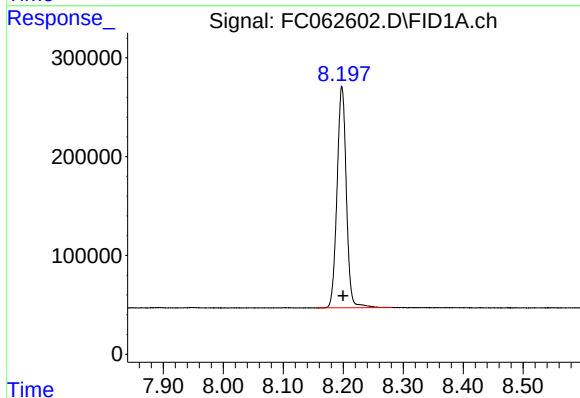
R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 2395739
Conc: 18.64 ug/ml



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

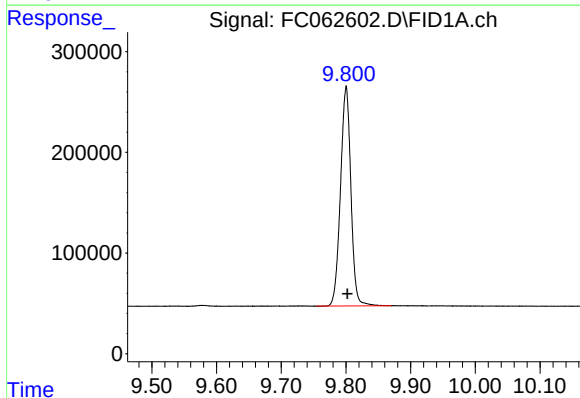
R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2557371
Conc: 18.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



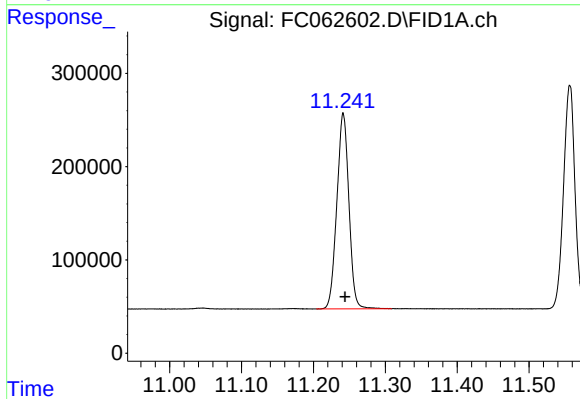
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 2414499
Conc: 18.76 ug/ml



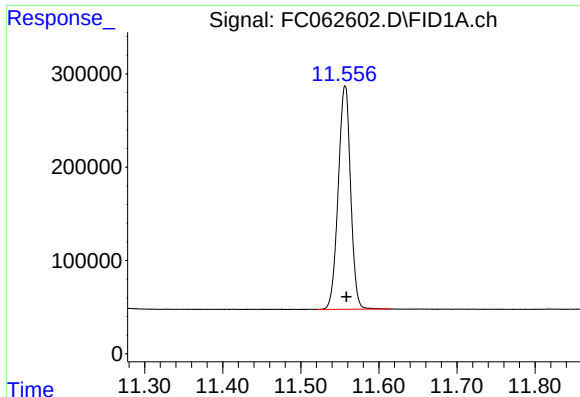
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2436158
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

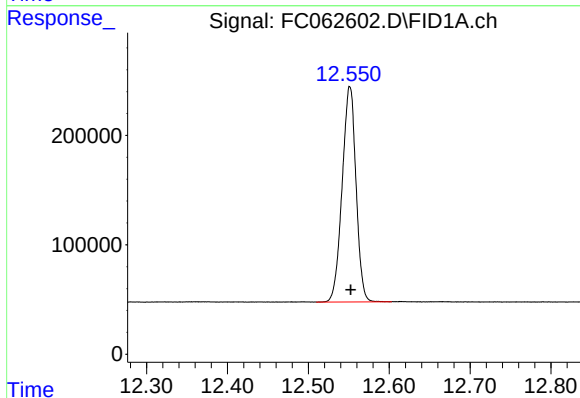
R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 2442337
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

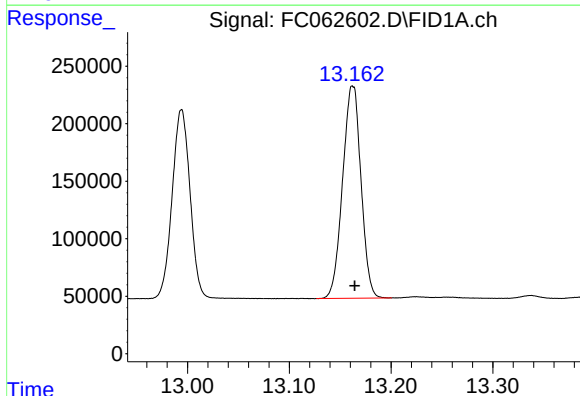
R.T.: 11.557 min
Delta R.T.: -0.002 min
Response: 2641546
Conc: 18.70 ug/ml

Instrument :
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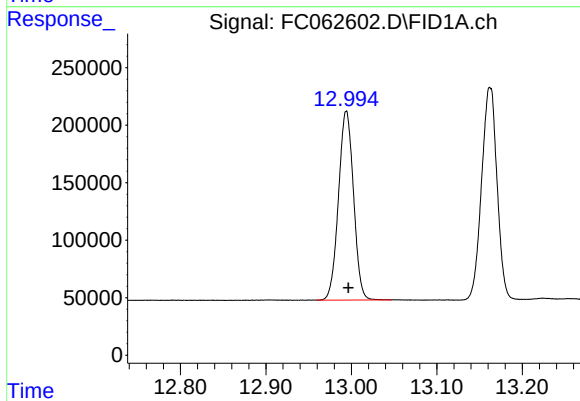
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.001 min
Response: 2347377
Conc: 19.02 ug/ml



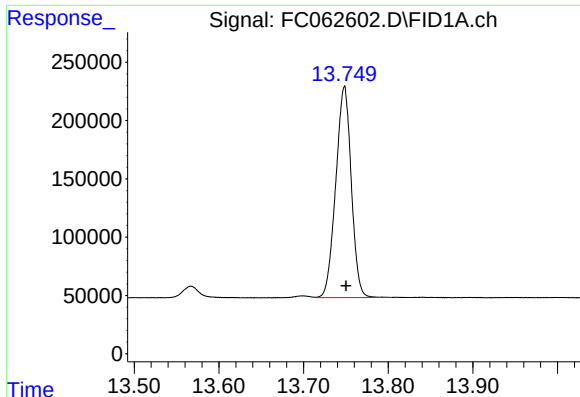
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.002 min
Response: 2318166
Conc: 18.91 ug/ml



#12 1-chlorooctadecane (SURR)

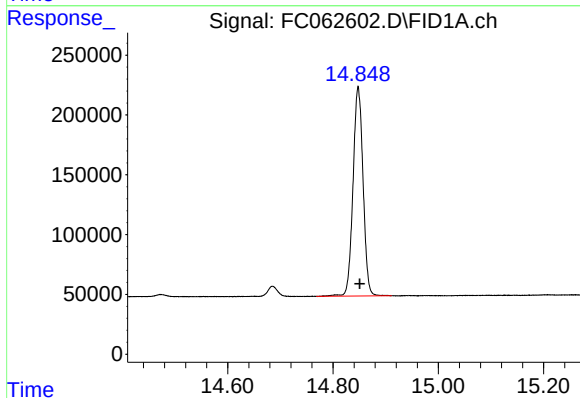
R.T.: 12.994 min
Delta R.T.: -0.002 min
Response: 2009200
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

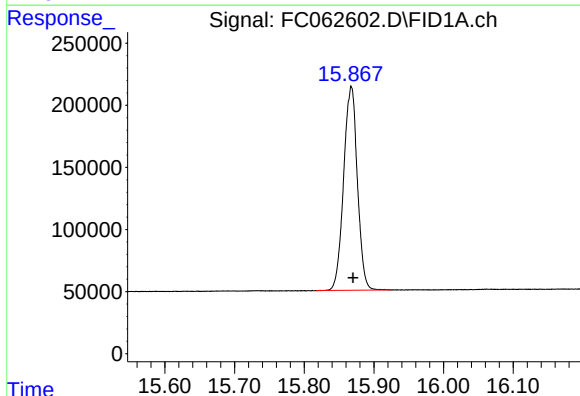
R.T.: 13.748 min
Delta R.T.: -0.002 min
Response: 2306256
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



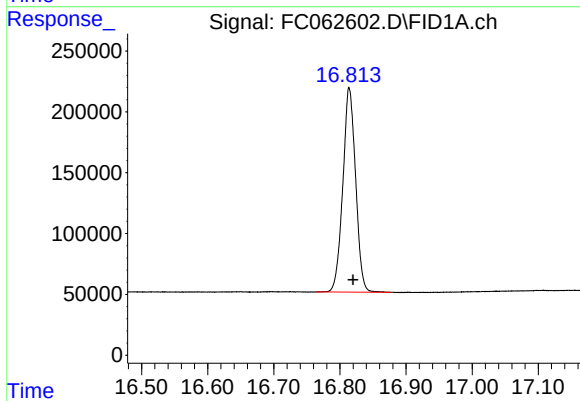
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.003 min
Response: 2313188
Conc: 19.86 ug/ml



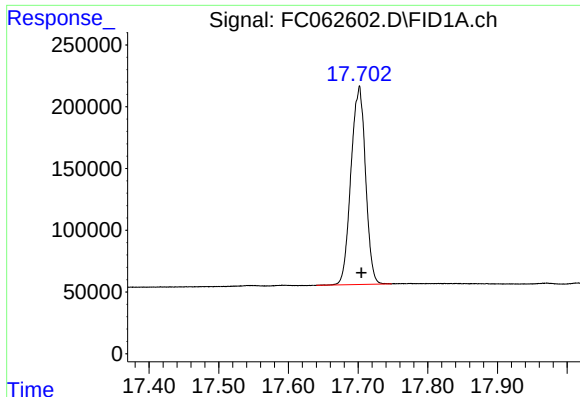
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.002 min
Response: 2249476
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

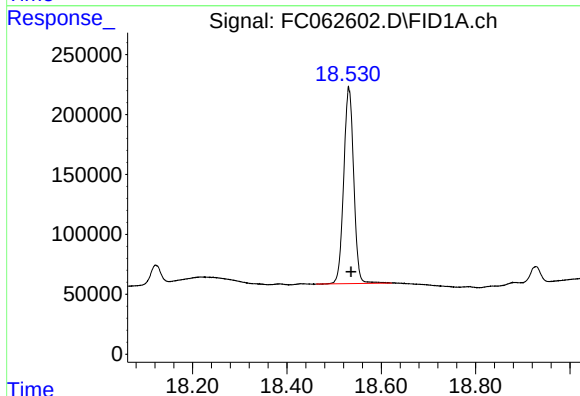
R.T.: 16.814 min
Delta R.T.: -0.006 min
Response: 2260562
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

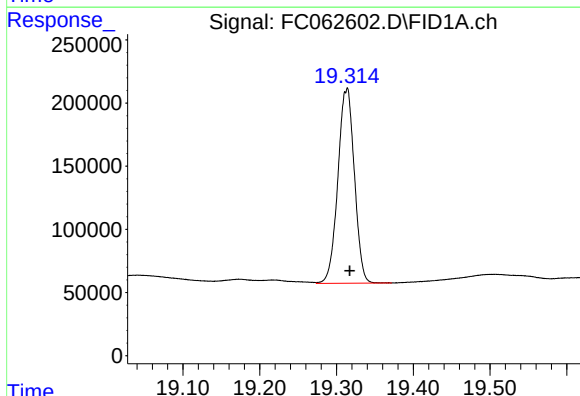
R.T.: 17.702 min
Delta R.T.: -0.003 min
Response: 2323134
Conc: 21.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



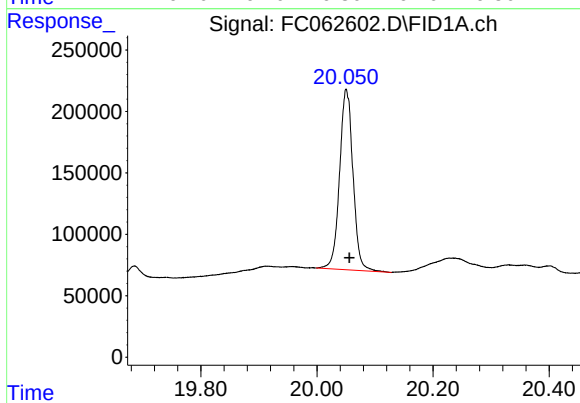
#18 n-Dotriacontane (C32)

R.T.: 18.531 min
Delta R.T.: -0.005 min
Response: 2406648
Conc: 22.04 ug/ml



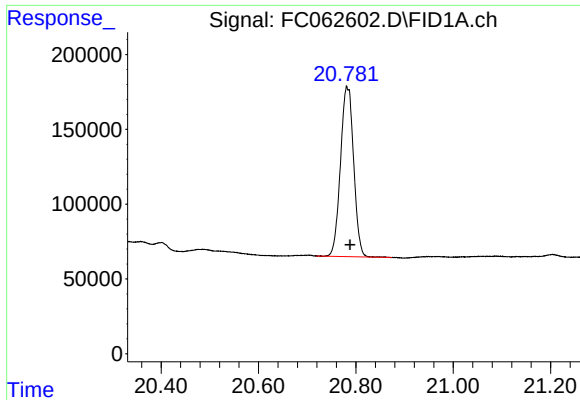
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2304465
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

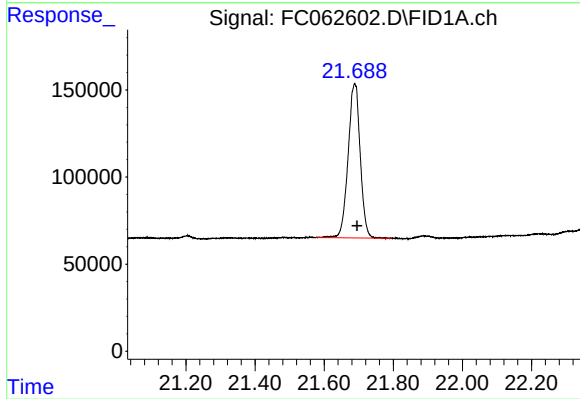
R.T.: 20.050 min
Delta R.T.: -0.005 min
Response: 2355041
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.007 min
Response: 2131039
Conc: 20.12 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: -0.006 min
Response: 2154540
Conc: 20.23 ug/ml