

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040221AL\
 Data File : FC052927.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2021 14:00
 Operator : DD\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: sample.E
 Quant Time: Apr 02 22:45:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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	2336644	17.432 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	12.995	1814118	16.819 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
Target Compounds			
1) T n-Nonane (C9)	3.316	2336729	20.118 ug/ml
2) T n-Decane (C10)	4.382	2361295	20.150 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2607345	19.915 ug/ml
4) T n-Dodecane (C12)	6.401	2410781	20.079 ug/ml
5) T A~2-methylnaphthalene...	7.024	2631100	19.656 ug/ml
6) T n-Tetradecane (C14)	8.197	2377277	19.656 ug/ml
7) T n-Hexadecane (C16)	9.798	2288351	19.027 ug/ml
8) T n-Octadecane (C18)	11.240	2300806	18.236 ug/ml
10) T n-Eicosane (C20)	12.550	2203541	17.256 ug/ml
11) T n-Heneicosane (C21)	13.162	2136187	16.806 ug/ml
13) T n-Docosane (C22)	13.749	2081196	16.429 ug/ml
14) T n-Tetracosane (C24)	14.851	1992701	15.952 ug/ml
15) T n-Hexacosane (C26)	15.872	1915327	15.906 ug/ml
16) T n-Octacosane (C28)	16.822	1886595	16.363 ug/ml
17) T n-Tricontane (C30)	17.708	1878590	17.243 ug/ml
18) T n-Dotriacontane (C32)	18.541	1853298	18.470 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1842298	20.043 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1808587	19.834 ug/ml
21) T n-Octatriacontane (C38)	20.795	1741634	21.340 ug/ml
22) T n-Tetracontane (C40)	21.695	1815903	21.081 ug/ml

(f)=RT Delta > 1/2 Window

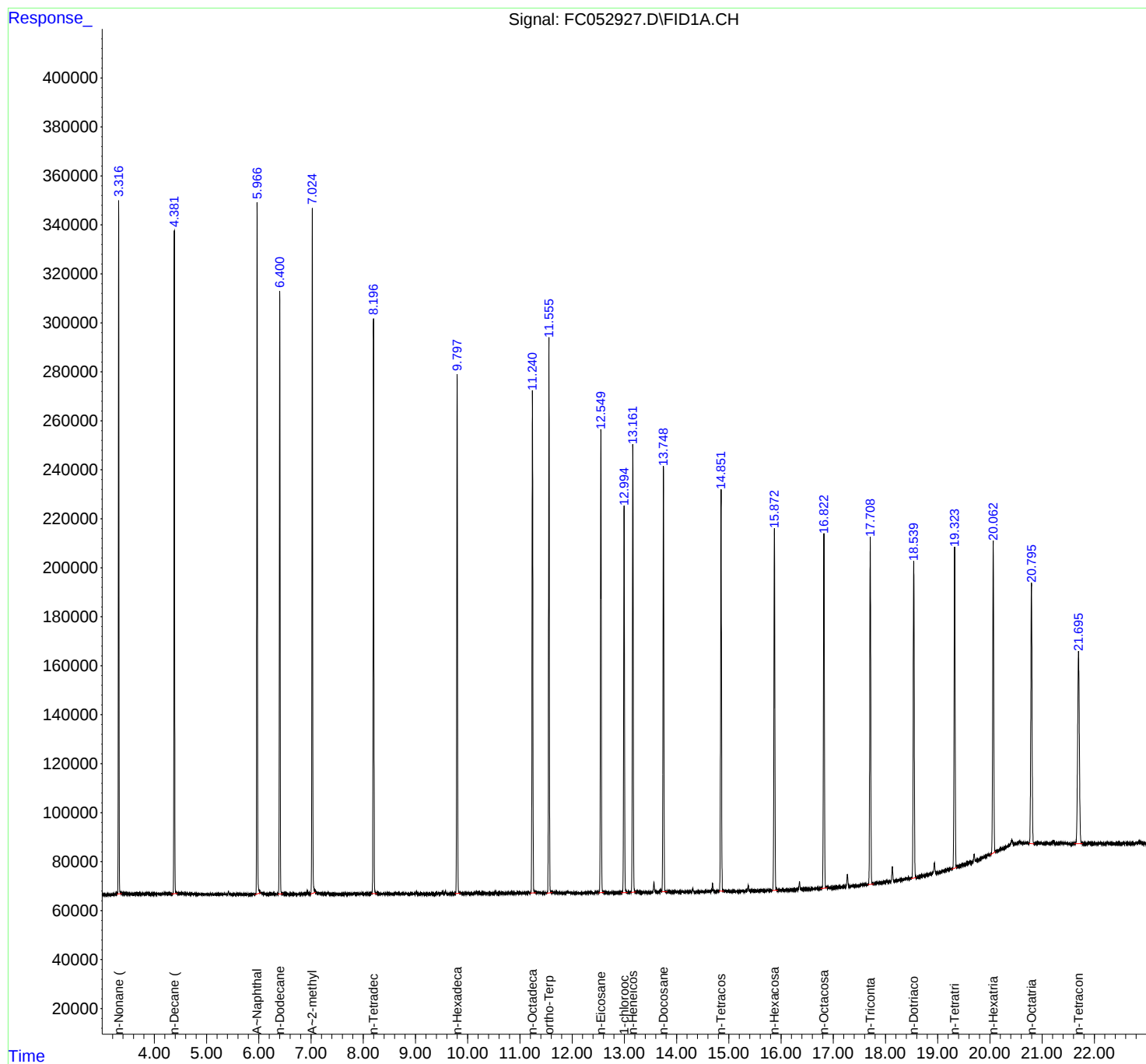
(m)=manual int.

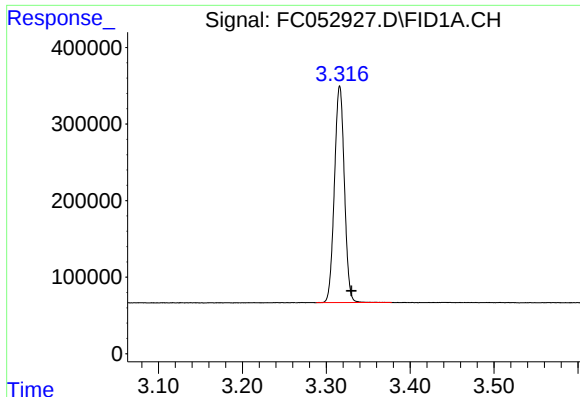
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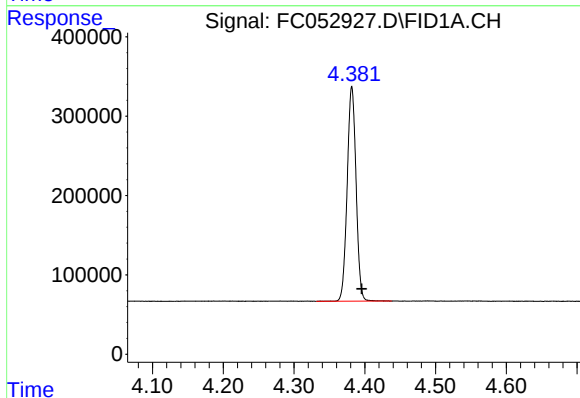




#1 n-Nonane (C9)

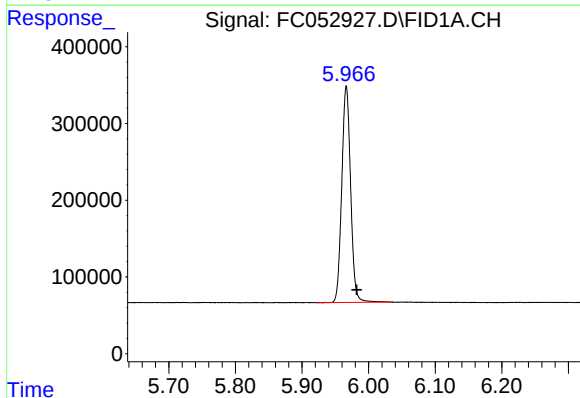
R.T.: 3.316 min
Delta R.T.: -0.014 min
Response: 2336729
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



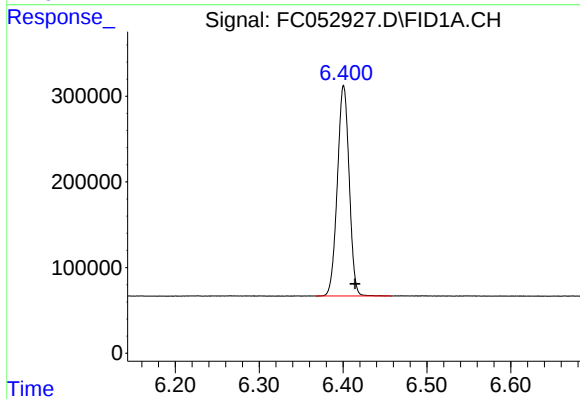
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.014 min
Response: 2361295
Conc: 20.15 ug/ml



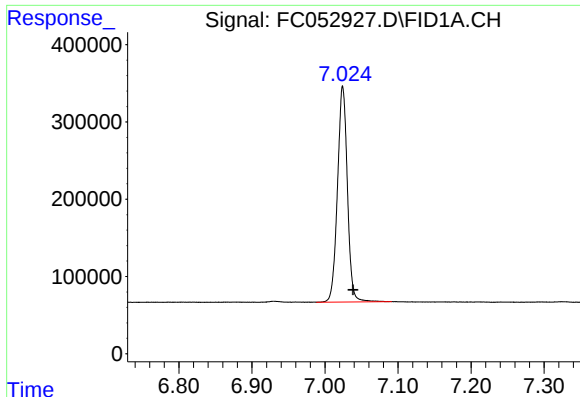
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2607345
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

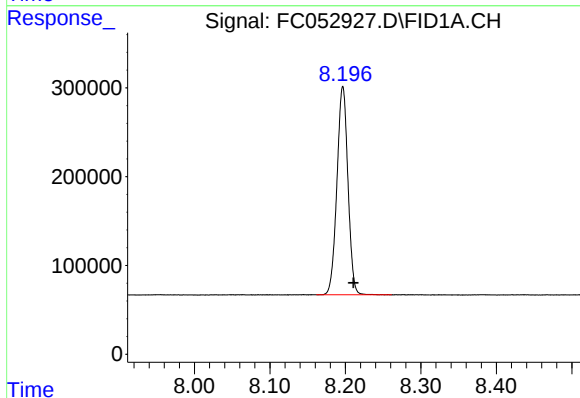
R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 2410781
Conc: 20.08 ug/ml



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

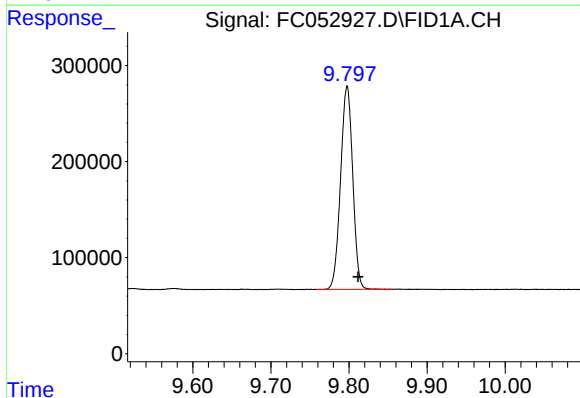
R.T.: 7.024 min
Delta R.T.: -0.014 min
Response: 2631100
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



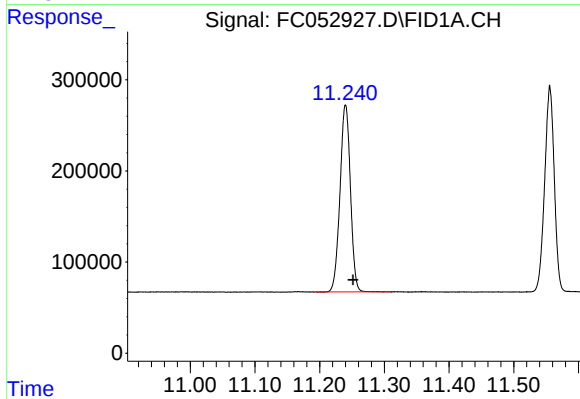
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.014 min
Response: 2377277
Conc: 19.66 ug/ml



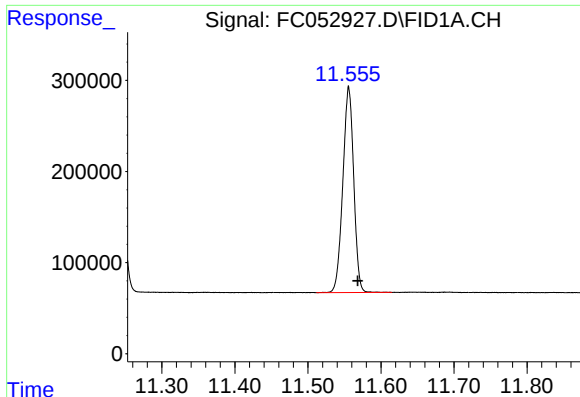
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.014 min
Response: 2288351
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

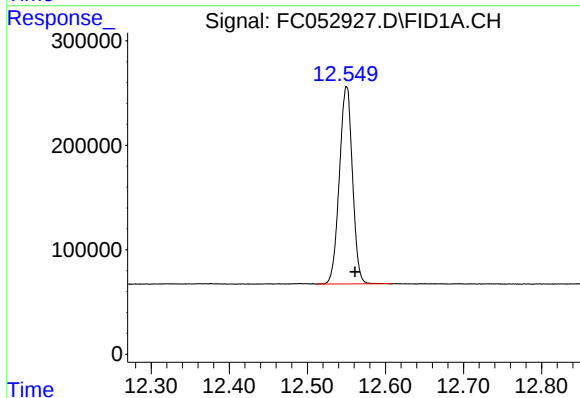
R.T.: 11.240 min
Delta R.T.: -0.012 min
Response: 2300806
Conc: 18.24 ug/ml



#9 ortho-Terphenyl (SURR)

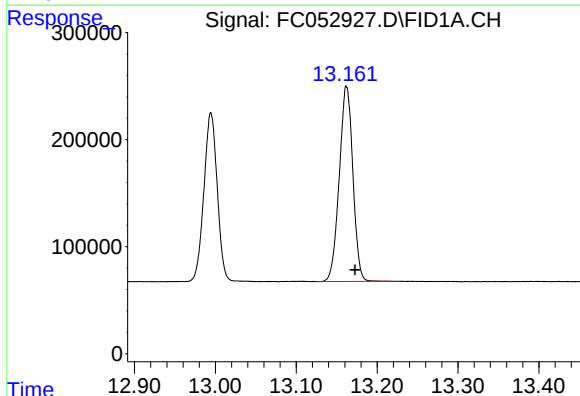
R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2336644
Conc: 17.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



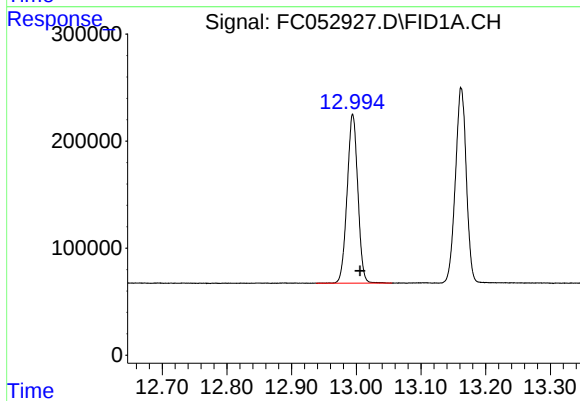
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.011 min
Response: 2203541
Conc: 17.26 ug/ml



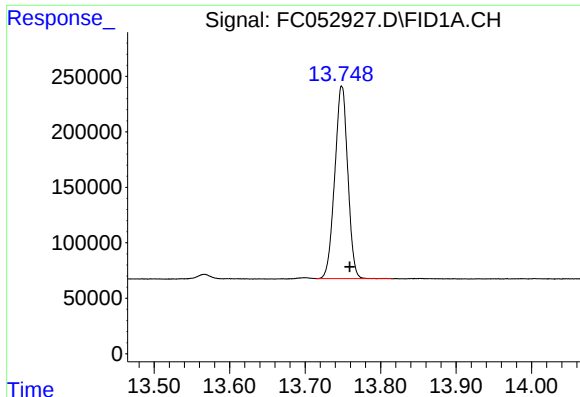
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.011 min
Response: 2136187
Conc: 16.81 ug/ml



#12 1-chlorooctadecane (SURR)

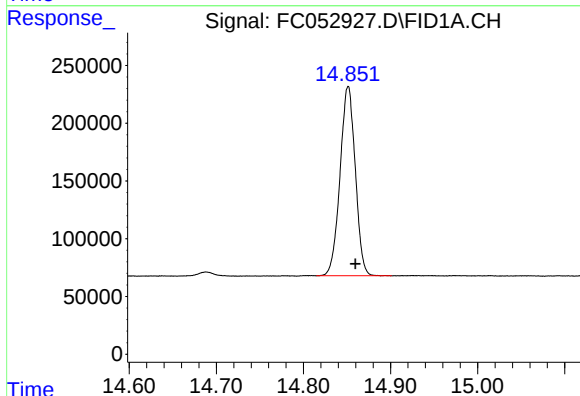
R.T.: 12.995 min
Delta R.T.: -0.011 min
Response: 1814118
Conc: 16.82 ug/ml



#13 n-Docosane (C22)

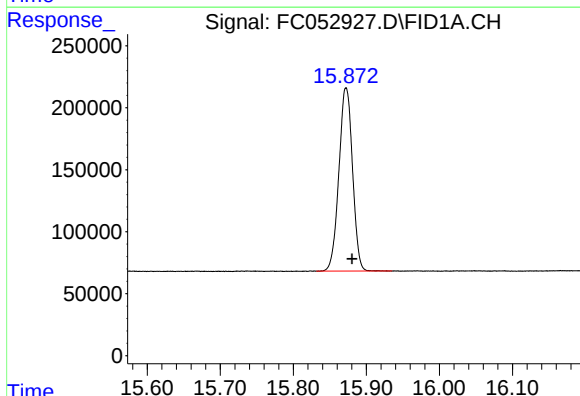
R.T.: 13.749 min
Delta R.T.: -0.011 min
Response: 2081196
Conc: 16.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



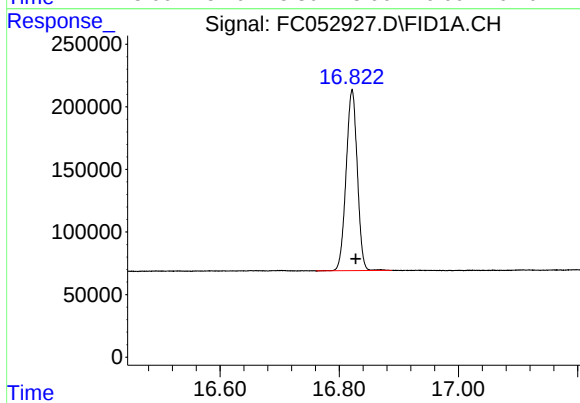
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.008 min
Response: 1992701
Conc: 15.95 ug/ml



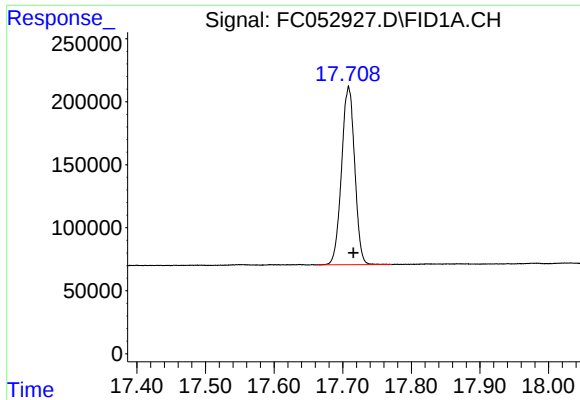
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 1915327
Conc: 15.91 ug/ml



#16 n-Octacosane (C28)

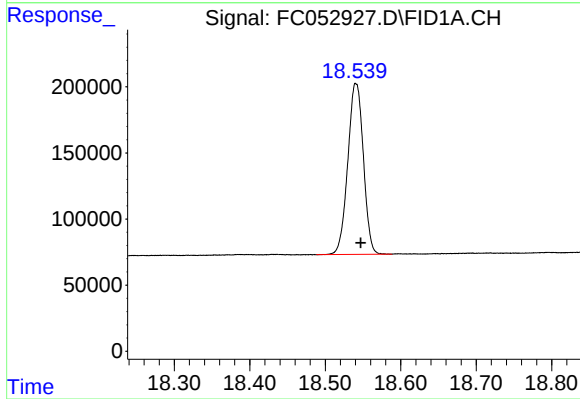
R.T.: 16.822 min
Delta R.T.: -0.006 min
Response: 1886595
Conc: 16.36 ug/ml



#17 n-Tricontane (C30)

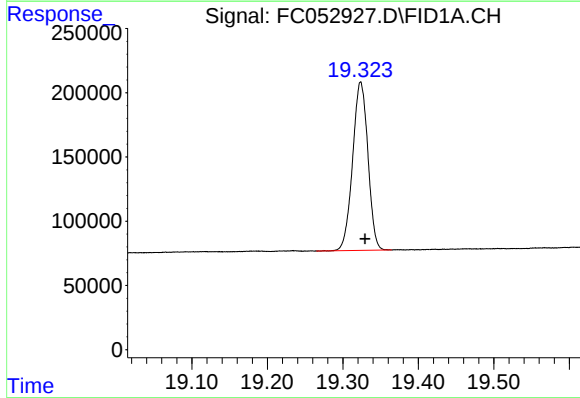
R.T.: 17.708 min
Delta R.T.: -0.008 min
Response: 1878590
Conc: 17.24 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



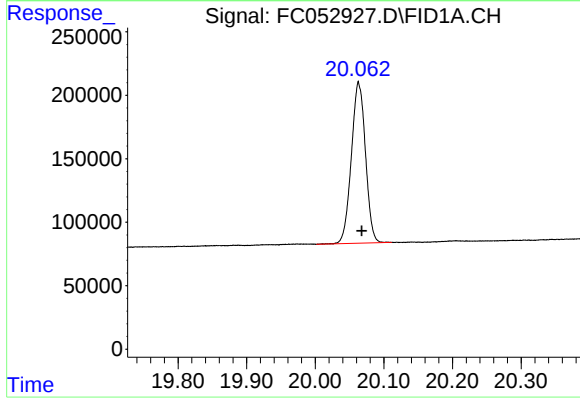
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.006 min
Response: 1853298
Conc: 18.47 ug/ml



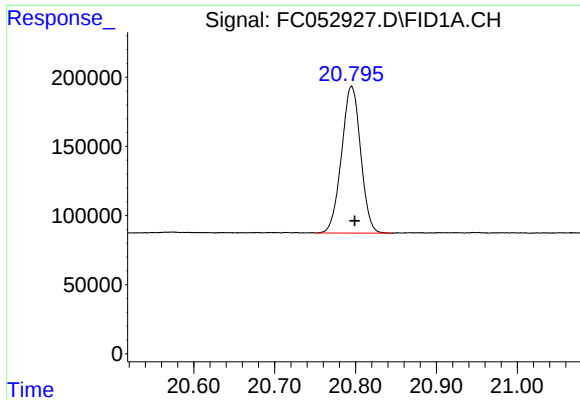
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: -0.006 min
Response: 1842298
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

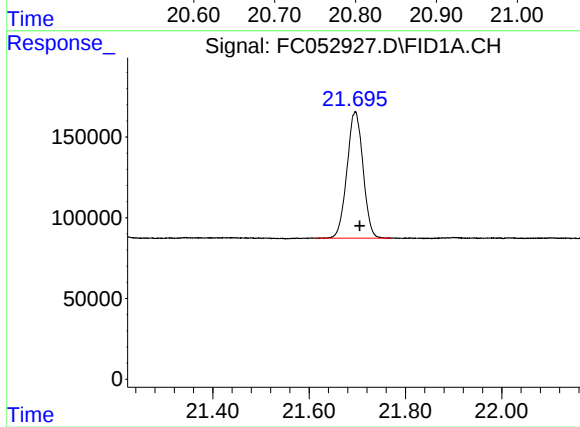
R.T.: 20.063 min
Delta R.T.: -0.004 min
Response: 1808587
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 1741634
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.010 min
Response: 1815903
Conc: 21.08 ug/ml