

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030923AL\
 Data File : FC063144.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2023 09:39
 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: Mar 10 10:10:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.534	2546137	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	12.974	1930402	19.789 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.297	2341491	19.750 ug/ml
2) T n-Decane (C10)	4.364	2295273	19.905 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2530608	19.787 ug/ml
4) T n-Dodecane (C12)	6.383	2295815	19.882 ug/ml
5) T A~2-methylnaphthalene...	7.005	2346214	19.933 ug/ml
6) T n-Tetradecane (C14)	8.179	2259257	19.990 ug/ml
7) T n-Hexadecane (C16)	9.779	2297006	19.968 ug/ml
8) T n-Octadecane (C18)	11.221	2323135	19.945 ug/ml
10) T n-Eicosane (C20)	12.529	2262837	19.859 ug/ml
11) T n-Heneicosane (C21)	13.141	2264826	19.873 ug/ml
13) T n-Docosane (C22)	13.726	2247662	19.929 ug/ml
14) T n-Tetracosane (C24)	14.828	2253181	20.106 ug/ml
15) T n-Hexacosane (C26)	15.847	2247861	20.326 ug/ml
16) T n-Octacosane (C28)	16.795	2265133	20.586 ug/ml
17) T n-Tricontane (C30)	17.680	2306787	20.947 ug/ml
18) T n-Dotriacontane (C32)	18.512	2347942	21.038 ug/ml
19) T n-Tetratriacontane (C34)	19.294	2305924	20.632 ug/ml
20) T n-Hexatriacontane (C36)	20.033	2214625	20.401 ug/ml
21) T n-Octatriacontane (C38)	20.760	2208345	20.322 ug/ml
22) T n-Tetracontane (C40)	21.657	2182932	20.065 ug/ml

(f)=RT Delta > 1/2 Window

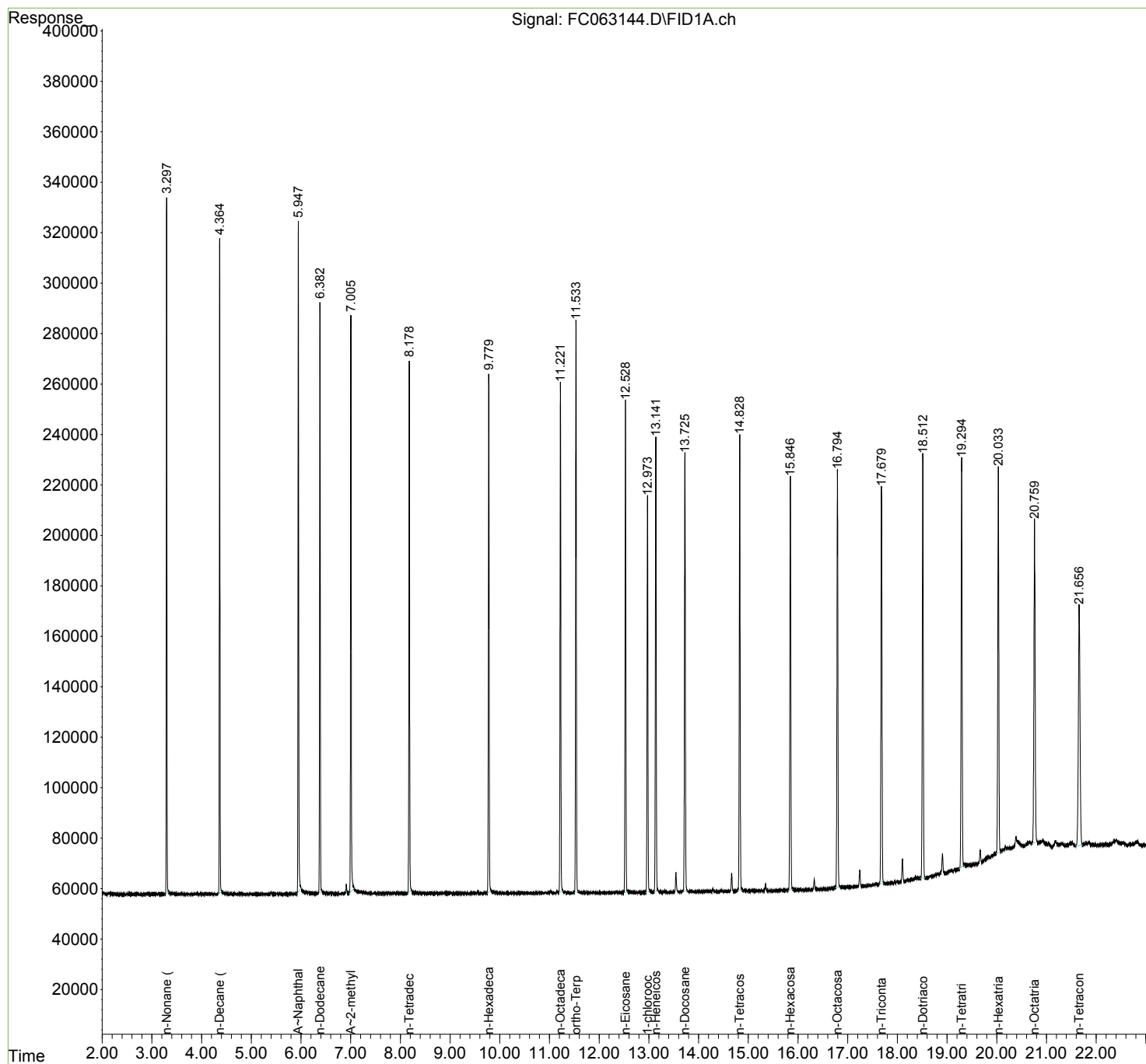
(m)=manual int.

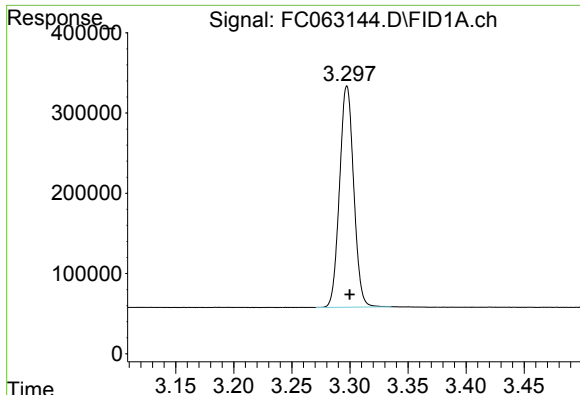
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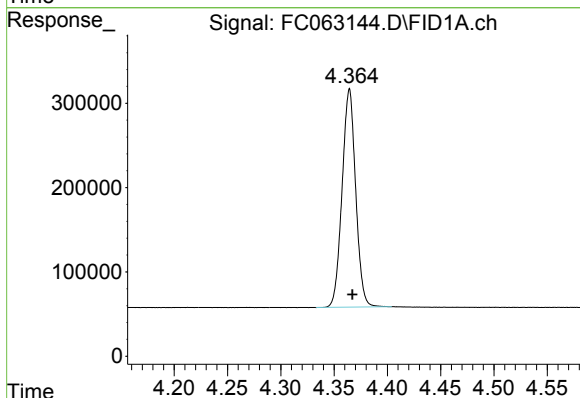




#1 n-Nonane (C9)

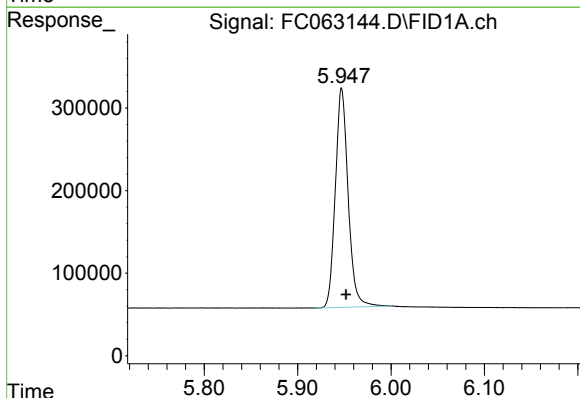
R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 2341491
Conc: 19.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



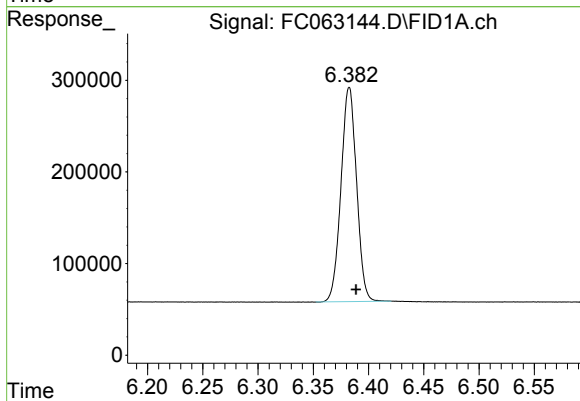
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 2295273
Conc: 19.90 ug/ml



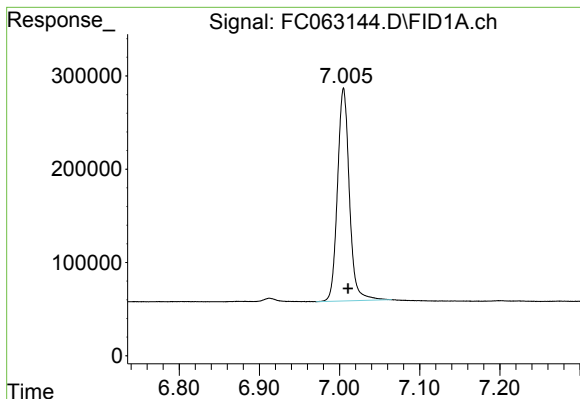
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2530608
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

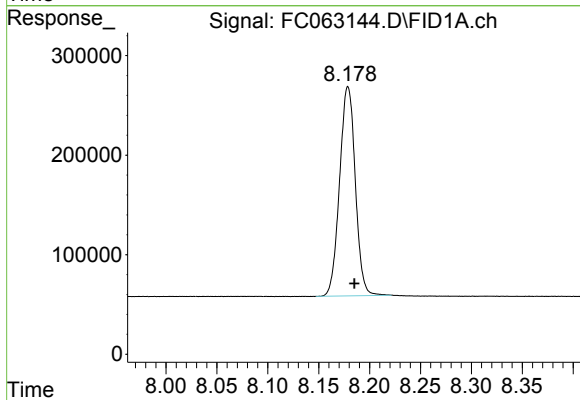
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2295815
Conc: 19.88 ug/ml



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

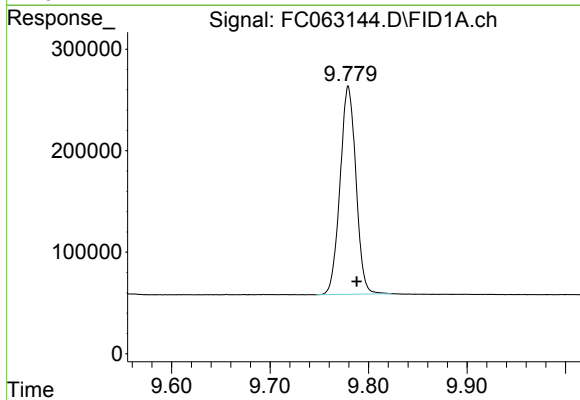
R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2346214
Conc: 19.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



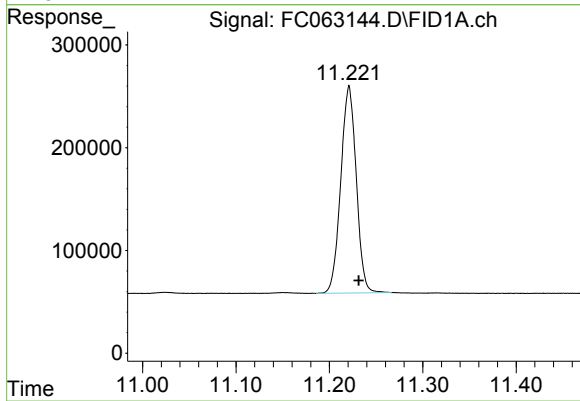
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 2259257
Conc: 19.99 ug/ml



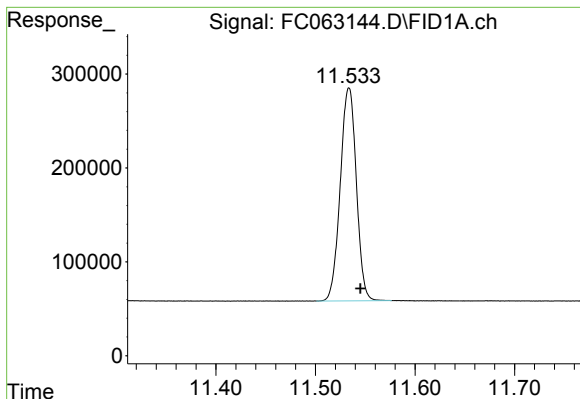
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.008 min
Response: 2297006
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

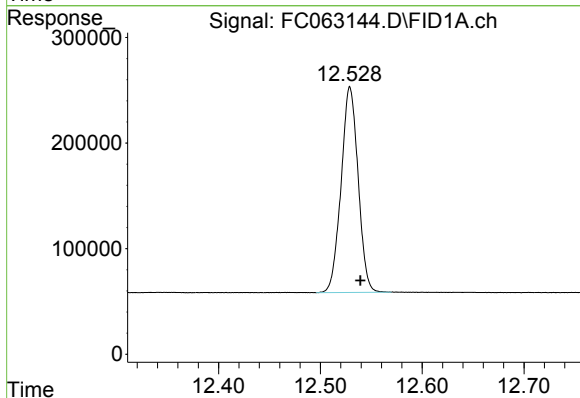
R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 2323135
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

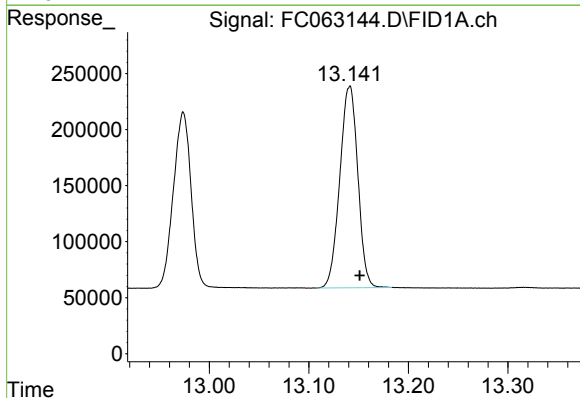
R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 2546137
Conc: 19.62 ug/ml

Instrument :
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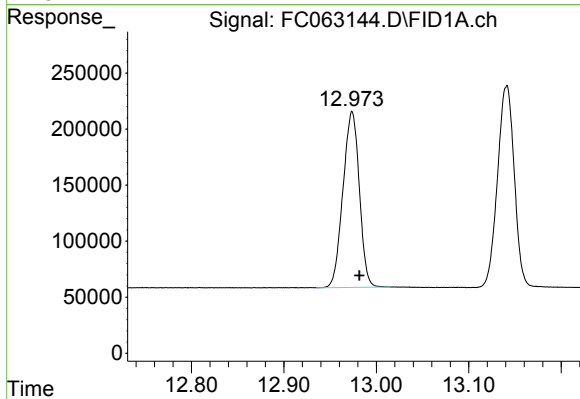
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.010 min
Response: 2262837
Conc: 19.86 ug/ml



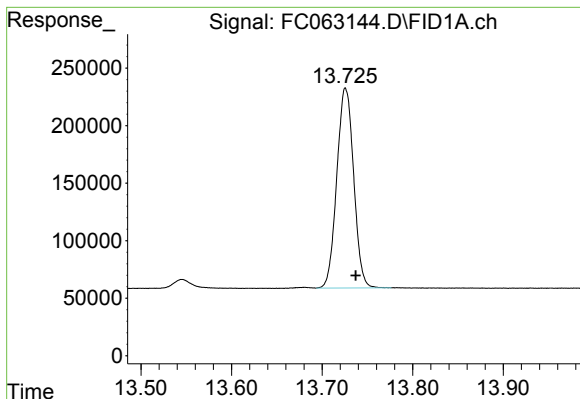
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.010 min
Response: 2264826
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

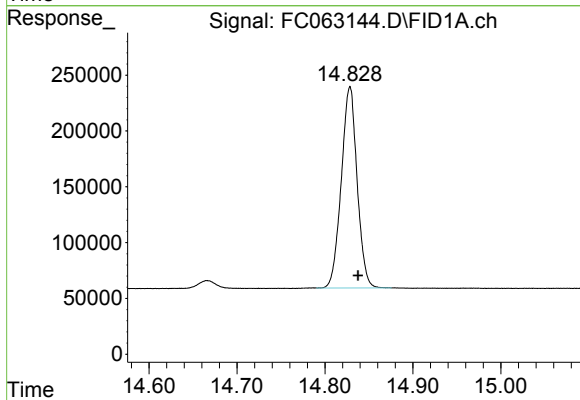
R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 1930402
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

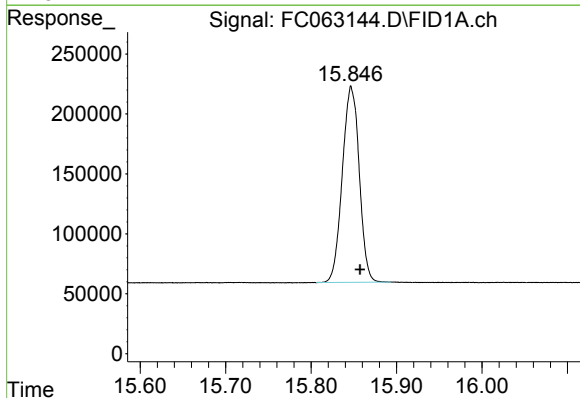
R.T.: 13.726 min
Delta R.T.: -0.011 min
Response: 2247662
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



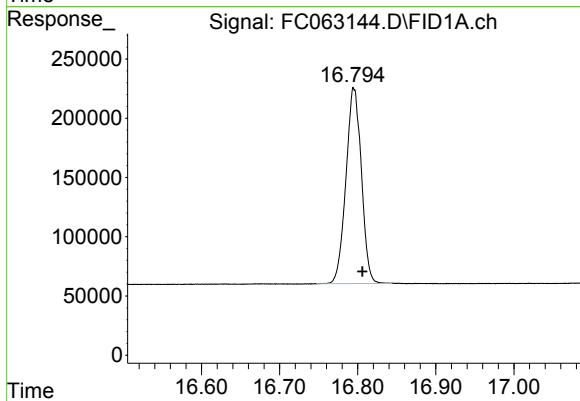
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.009 min
Response: 2253181
Conc: 20.11 ug/ml



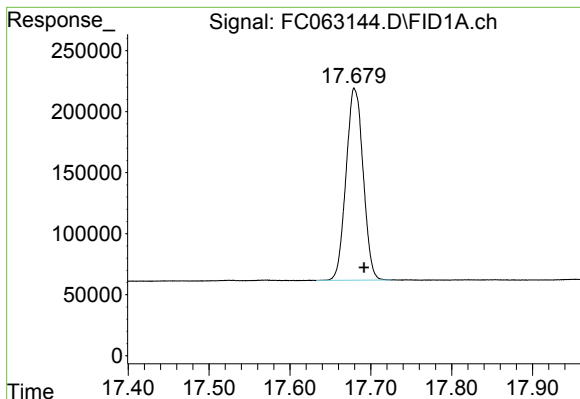
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.010 min
Response: 2247861
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

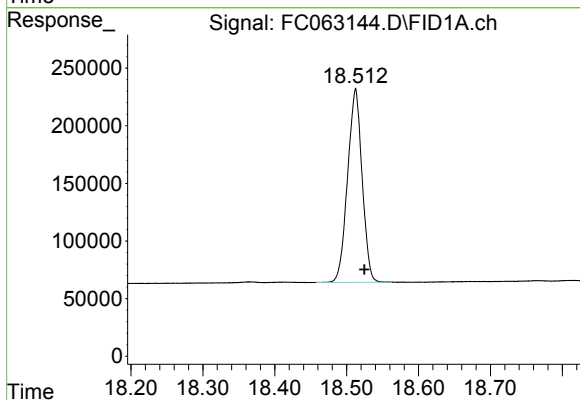
R.T.: 16.795 min
Delta R.T.: -0.011 min
Response: 2265133
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

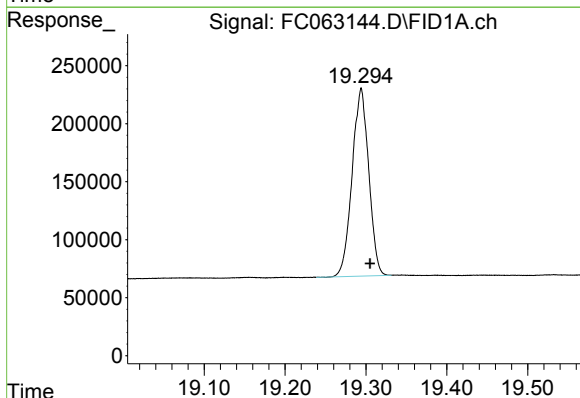
R.T.: 17.680 min
Delta R.T.: -0.012 min
Response: 2306787
Conc: 20.95 ug/ml

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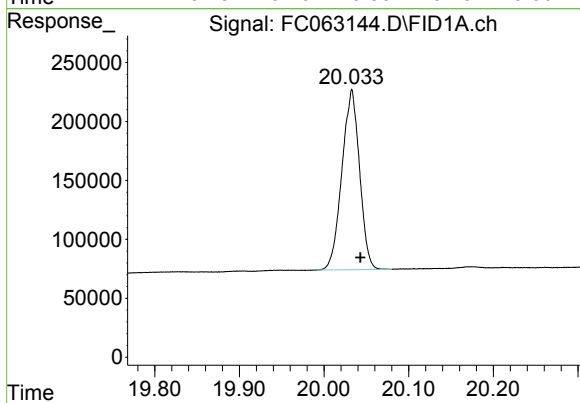
#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.012 min
Response: 2347942
Conc: 21.04 ug/ml



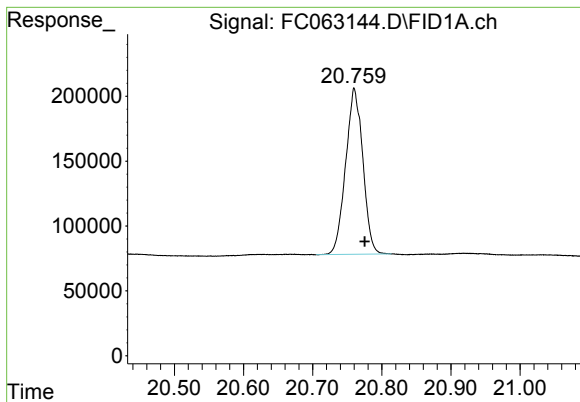
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.011 min
Response: 2305924
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.010 min
Response: 2214625
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

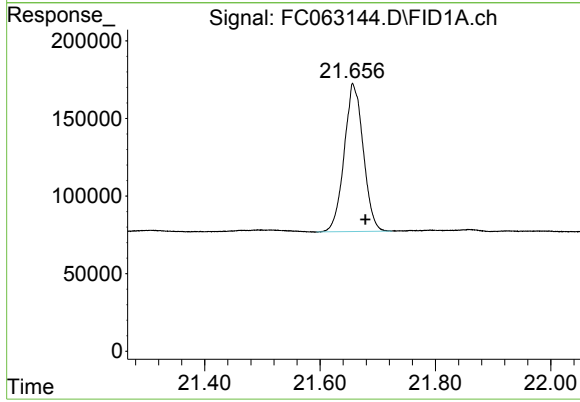
R.T.: 20.760 min
Delta R.T.: -0.015 min
Response: 2208345
Conc: 20.32 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: -0.022 min
Response: 2182932
Conc: 20.07 ug/ml