

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040121AL\
 Data File : FC052911.D
 Signal(s) : FID1A.CH
 Acq On : 02 Apr 2021 3:59
 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: autoint1.e
 Quant Time: Apr 02 07:39:30 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)	11.560	2316338	17.281 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
12) S 1-chlorooctadecane (S...	12.998	1792617	16.620 ug/ml
Spiked Amount 50.000		Recovery =	33.24%
Target Compounds			
1) T n-Nonane (C9)	3.317	2337001	20.121 ug/ml
2) T n-Decane (C10)	4.383	2360240	20.141 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2603082	19.882 ug/ml
4) T n-Dodecane (C12)	6.403	2400911	19.997 ug/ml
5) T A~2-methylnaphthalene...	7.027	2636060	19.693 ug/ml
6) T n-Tetradecane (C14)	8.199	2361897	19.529 ug/ml
7) T n-Hexadecane (C16)	9.801	2277294	18.935 ug/ml
8) T n-Octadecane (C18)	11.244	2281543	18.083 ug/ml
10) T n-Eicosane (C20)	12.553	2178440	17.060 ug/ml
11) T n-Heneicosane (C21)	13.165	2121654	16.692 ug/ml
13) T n-Docosane (C22)	13.751	2061905	16.276 ug/ml
14) T n-Tetracosane (C24)	14.855	1963293	15.716 ug/ml
15) T n-Hexacosane (C26)	15.876	1866623	15.502 ug/ml
16) T n-Octacosane (C28)	16.825	1828636	15.861 ug/ml
17) T n-Tricontane (C30)	17.712	1817022	16.678 ug/ml
18) T n-Dotriacontane (C32)	18.544	1812721	18.066 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1811092	19.703 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1804810	19.792 ug/ml
21) T n-Octatriacontane (C38)	20.798	1731336	21.213 ug/ml
22) T n-Tetracontane (C40)	21.701	1813660	21.055 ug/ml

(f)=RT Delta > 1/2 Window

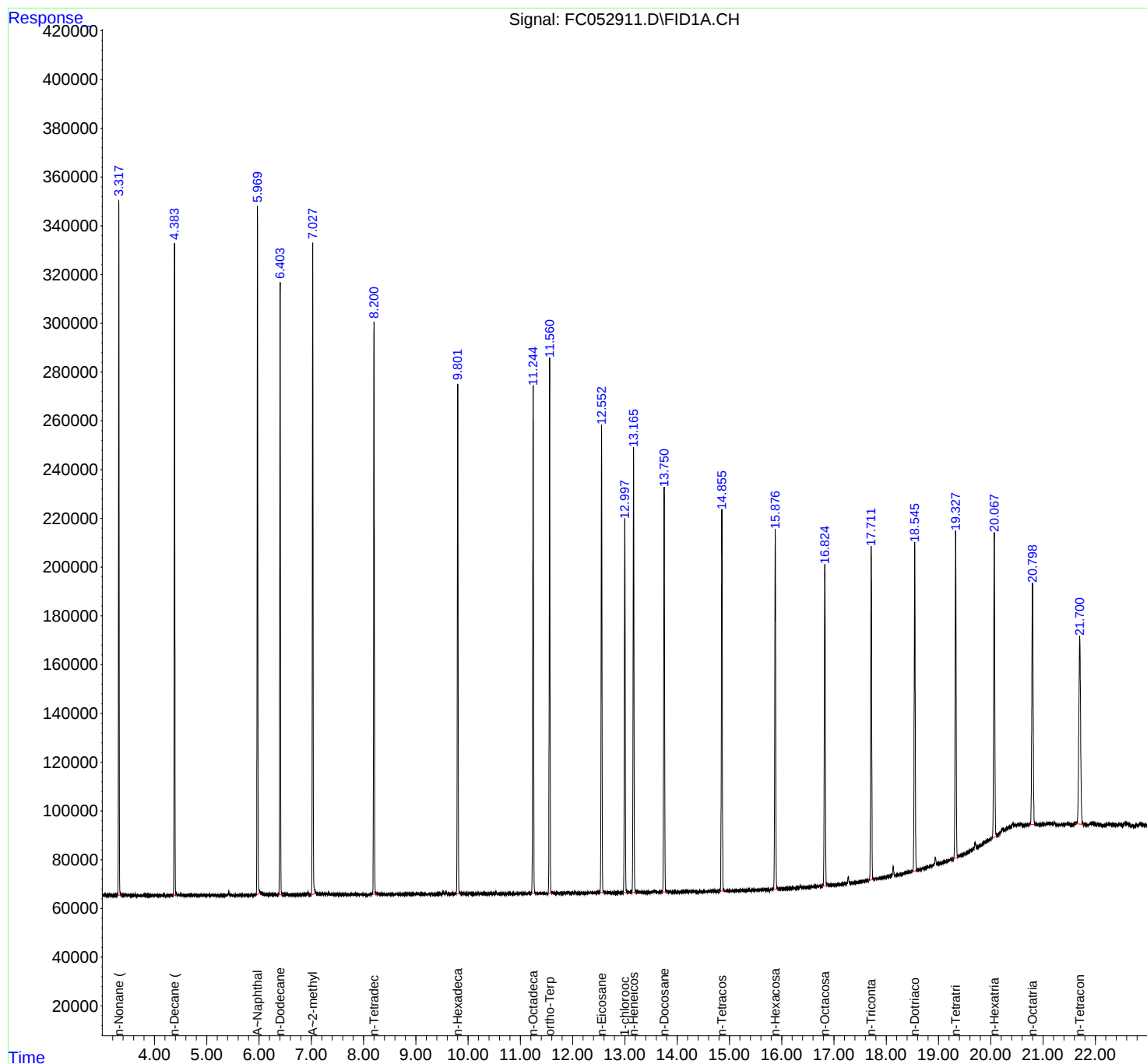
(m)=manual int.

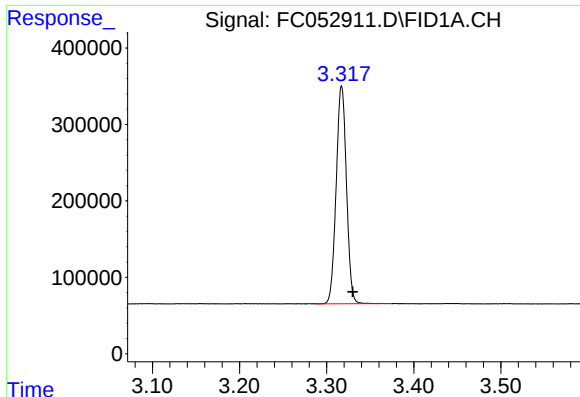
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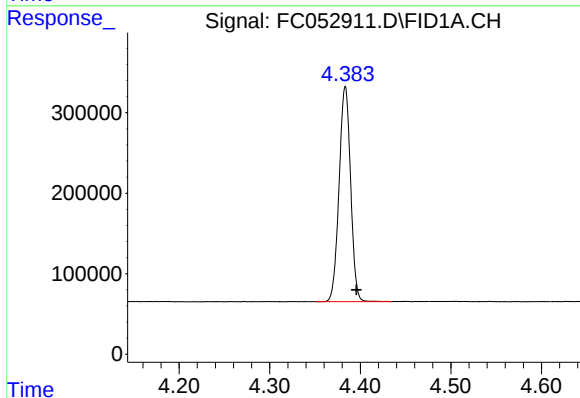




#1 n-Nonane (C9)

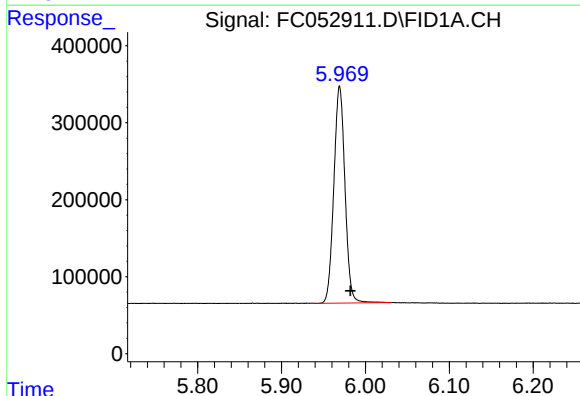
R.T.: 3.317 min
Delta R.T.: -0.013 min
Response: 2337001
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



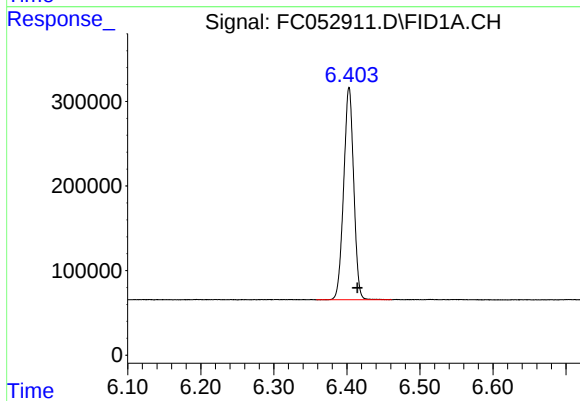
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.012 min
Response: 2360240
Conc: 20.14 ug/ml



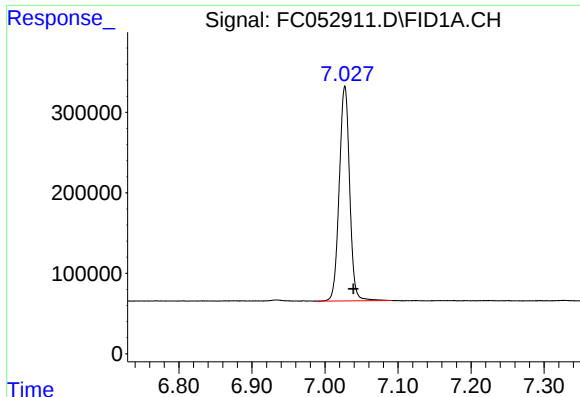
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.013 min
Response: 2603082
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

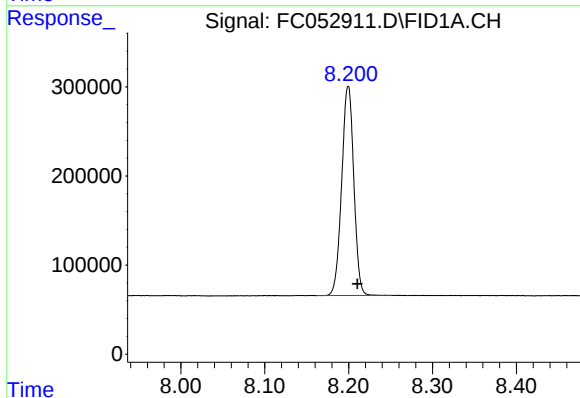
R.T.: 6.403 min
Delta R.T.: -0.012 min
Response: 2400911
Conc: 20.00 ug/ml



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

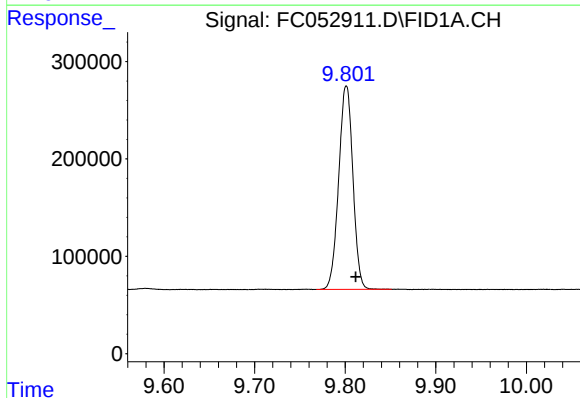
R.T.: 7.027 min
Delta R.T.: -0.012 min
Response: 2636060
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



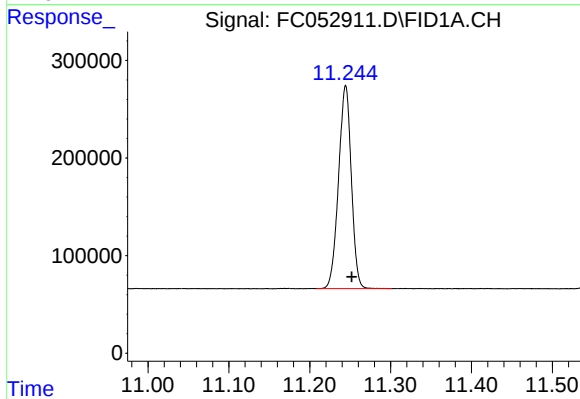
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.011 min
Response: 2361897
Conc: 19.53 ug/ml



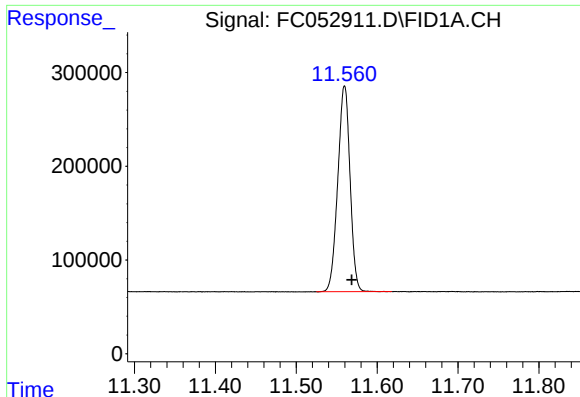
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.010 min
Response: 2277294
Conc: 18.93 ug/ml



#8 n-Octadecane (C18)

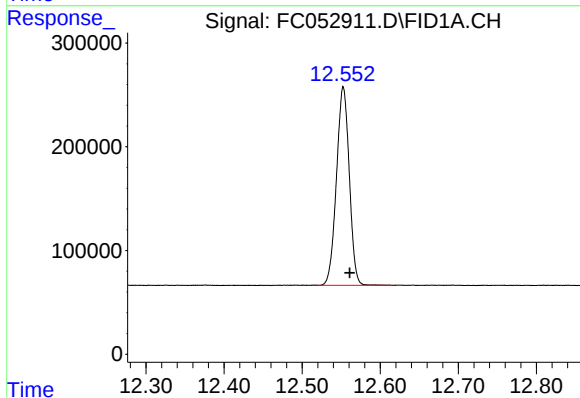
R.T.: 11.244 min
Delta R.T.: -0.008 min
Response: 2281543
Conc: 18.08 ug/ml



#9 ortho-Terphenyl (SURR)

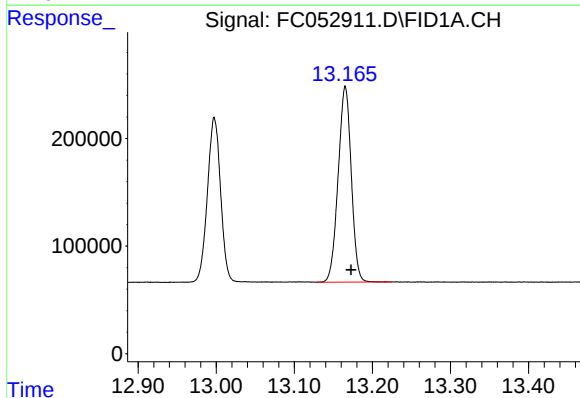
R.T.: 11.560 min
Delta R.T.: -0.009 min
Response: 2316338
Conc: 17.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



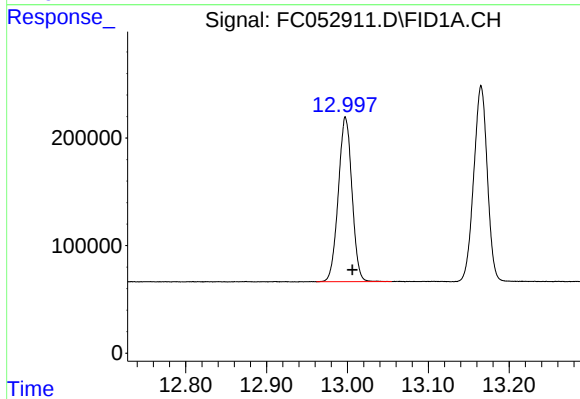
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.008 min
Response: 2178440
Conc: 17.06 ug/ml



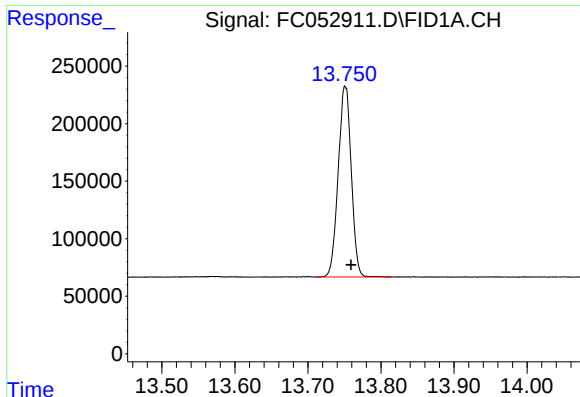
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.008 min
Response: 2121654
Conc: 16.69 ug/ml



#12 1-chlorooctadecane (SURR)

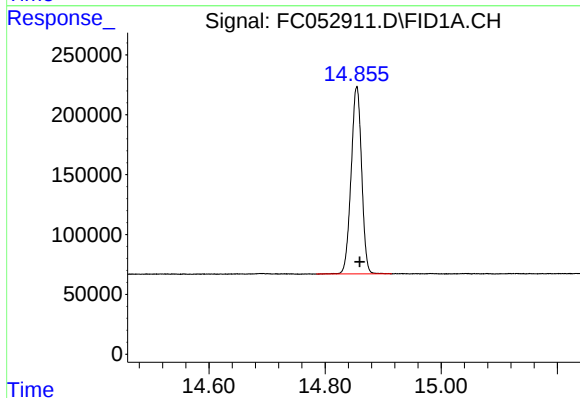
R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 1792617
Conc: 16.62 ug/ml



#13 n-Docosane (C22)

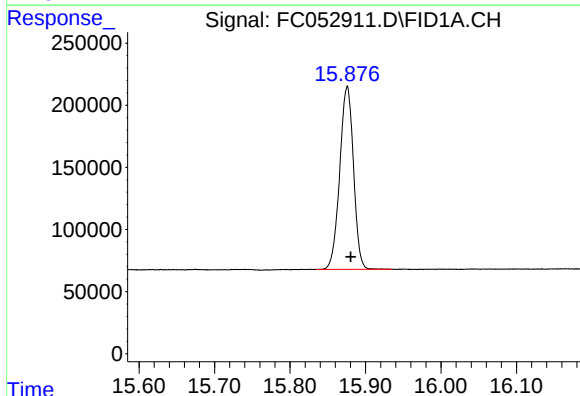
R.T.: 13.751 min
Delta R.T.: -0.008 min
Response: 2061905
Conc: 16.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



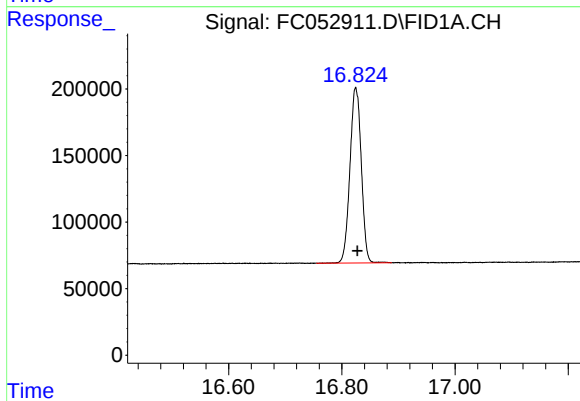
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 1963293
Conc: 15.72 ug/ml



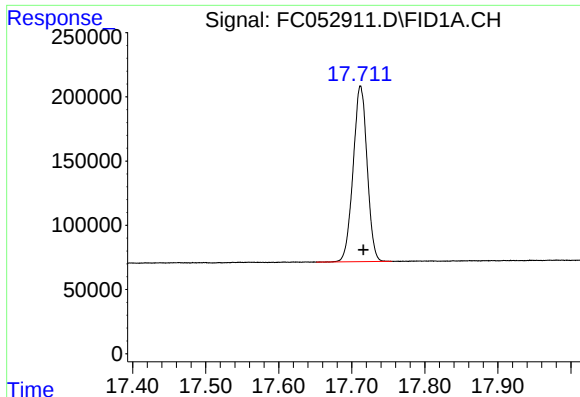
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 1866623
Conc: 15.50 ug/ml



#16 n-Octacosane (C28)

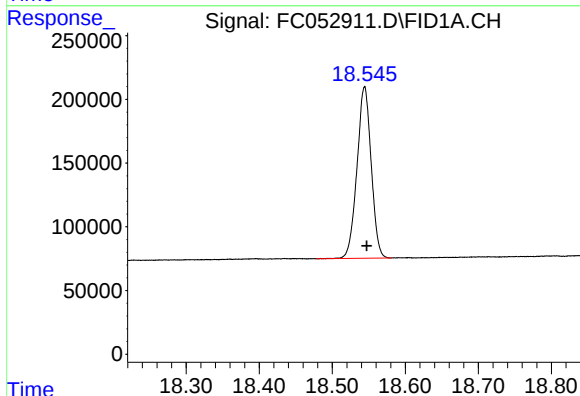
R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 1828636
Conc: 15.86 ug/ml



#17 n-Tricontane (C30)

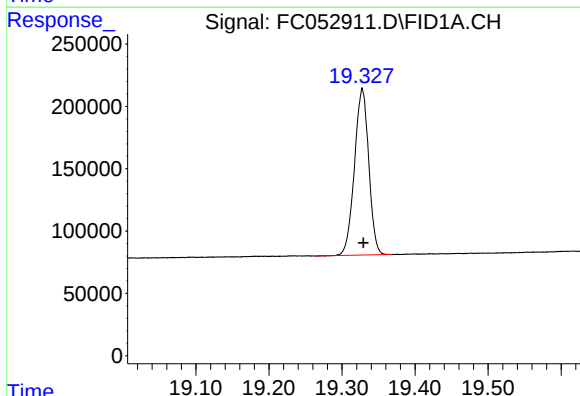
R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 1817022
Conc: 16.68 ug/ml

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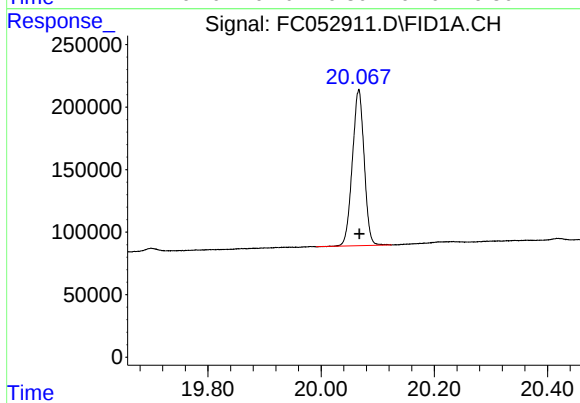
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1812721
Conc: 18.07 ug/ml



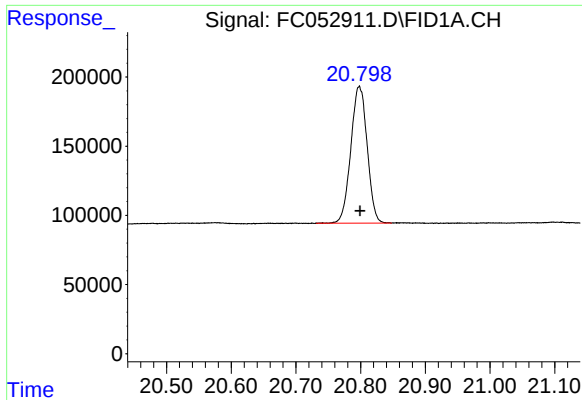
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.002 min
Response: 1811092
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

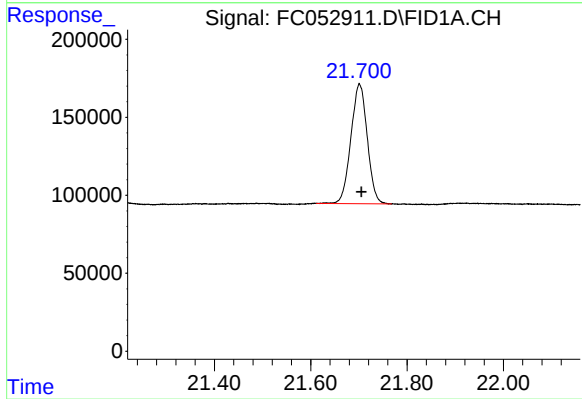
R.T.: 20.066 min
Delta R.T.: -0.001 min
Response: 1804810
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.000 min
Response: 1731336
Conc: 21.21 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.004 min
Response: 1813660
Conc: 21.05 ug/ml