

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052832.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2021 22:11
 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: Mar 30 01:03:30 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	2517320	18.780 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
12) S 1-chlorooctadecane (S...	12.998	1949214	18.072 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.320	2476324	21.320 ug/ml
2) T n-Decane (C10)	4.386	2500353	21.337 ug/ml
3) T A~Naphthalene (C11.7)	5.972	2760943	21.088 ug/ml
4) T n-Dodecane (C12)	6.405	2557717	21.303 ug/ml
5) T A~2-methylnaphthalene...	7.030	2807923	20.977 ug/ml
6) T n-Tetradecane (C14)	8.202	2536641	20.973 ug/ml
7) T n-Hexadecane (C16)	9.802	2452316	20.390 ug/ml
8) T n-Octadecane (C18)	11.244	2468723	19.567 ug/ml
10) T n-Eicosane (C20)	12.554	2371371	18.571 ug/ml
11) T n-Heneicosane (C21)	13.165	2305488	18.138 ug/ml
13) T n-Docosane (C22)	13.752	2234167	17.636 ug/ml
14) T n-Tetracosane (C24)	14.855	2117295	16.949 ug/ml
15) T n-Hexacosane (C26)	15.875	2004094	16.644 ug/ml
16) T n-Octacosane (C28)	16.825	1948097	16.897 ug/ml
17) T n-Tricontane (C30)	17.712	1932169	17.734 ug/ml
18) T n-Dotriacontane (C32)	18.544	1911024	19.046 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1917248	20.858 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1890084	20.727 ug/ml
21) T n-Octatriacontane (C38)	20.798	1831098	22.436 ug/ml
22) T n-Tetracontane (C40)	21.703	1907503	22.144 ug/ml

(f)=RT Delta > 1/2 Window

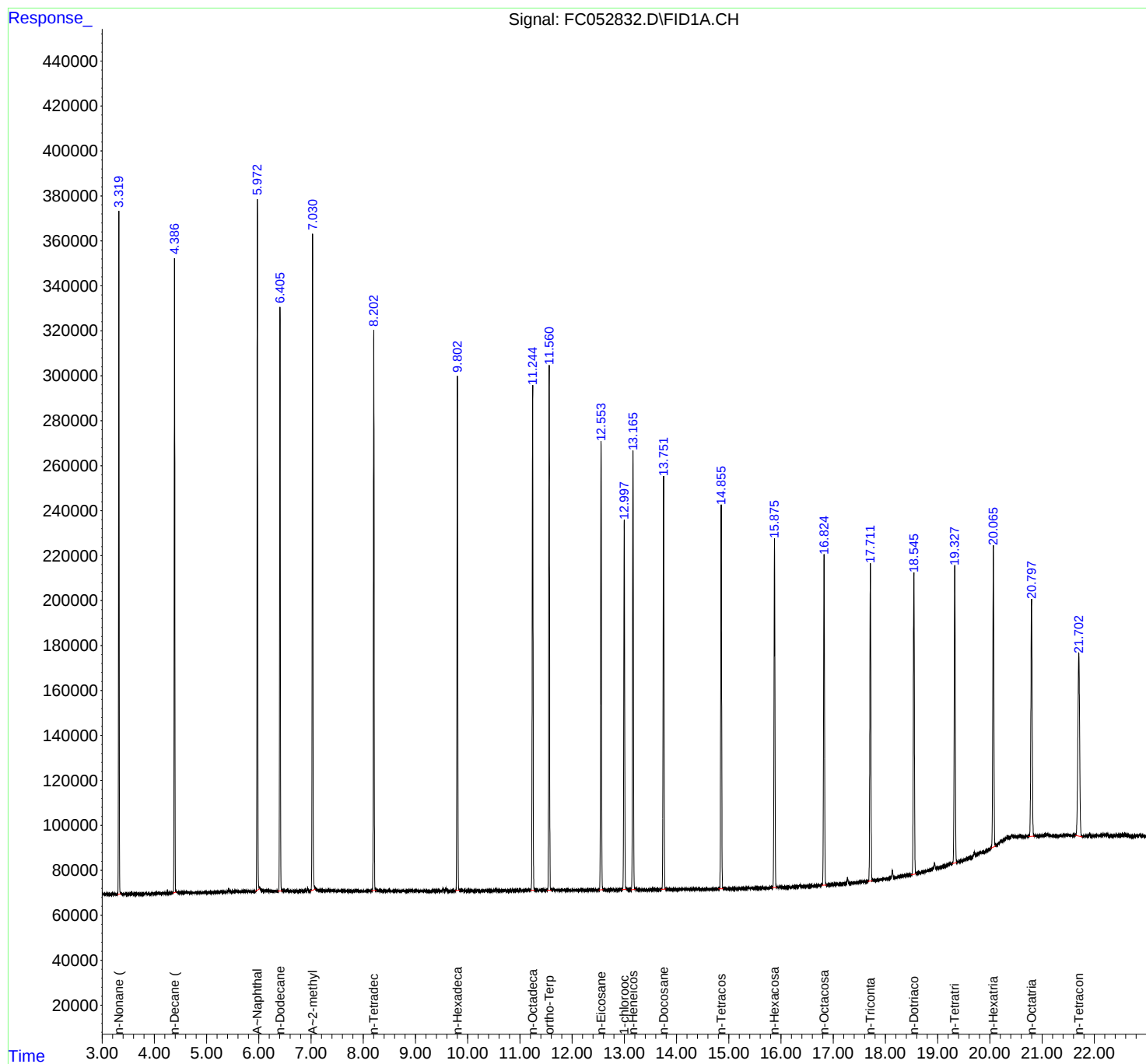
(m)=manual int.

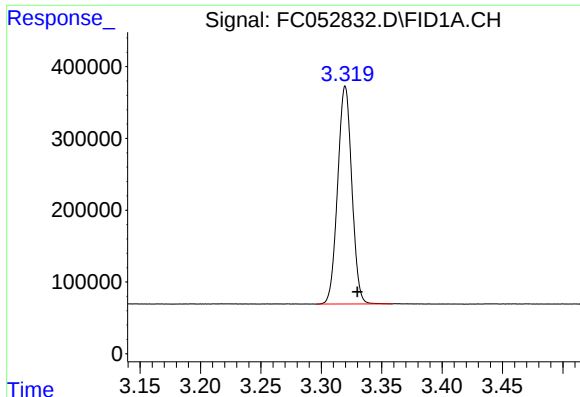
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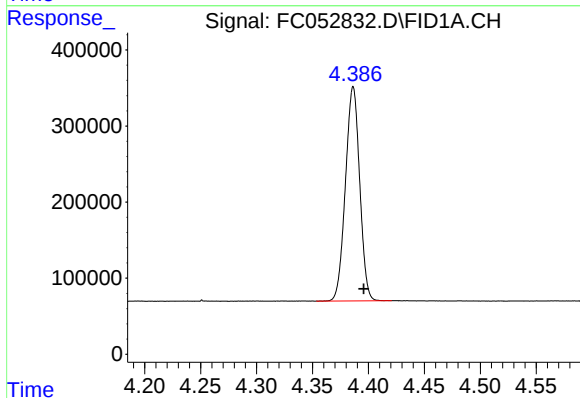




#1 n-Nonane (C9)

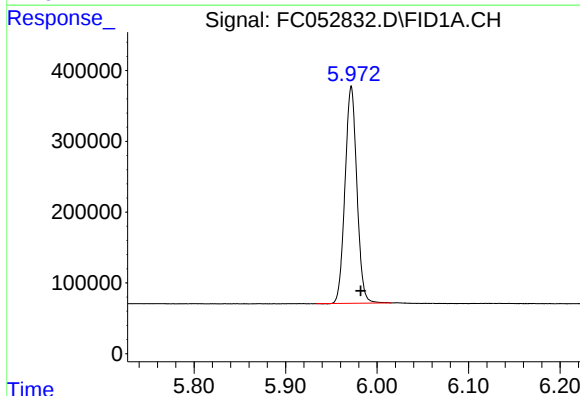
R.T.: 3.320 min
Delta R.T.: -0.010 min
Response: 2476324
Conc: 21.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



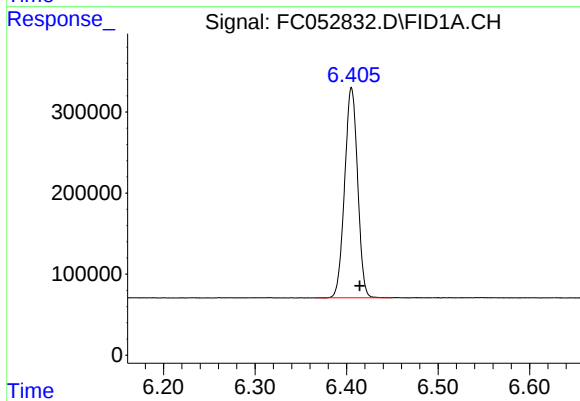
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.009 min
Response: 2500353
Conc: 21.34 ug/ml



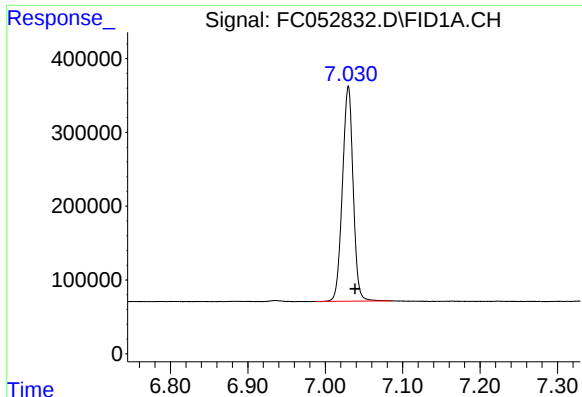
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 2760943
Conc: 21.09 ug/ml



#4 n-Dodecane (C12)

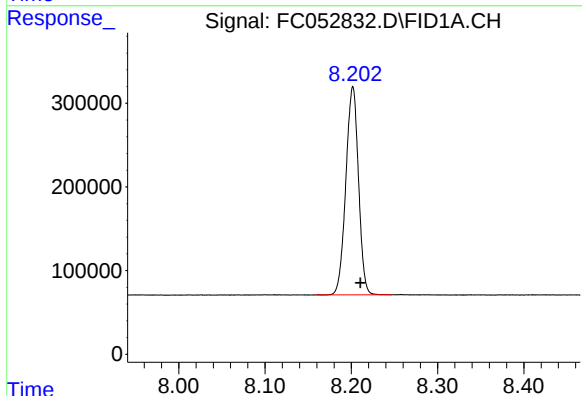
R.T.: 6.405 min
Delta R.T.: -0.009 min
Response: 2557717
Conc: 21.30 ug/ml



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

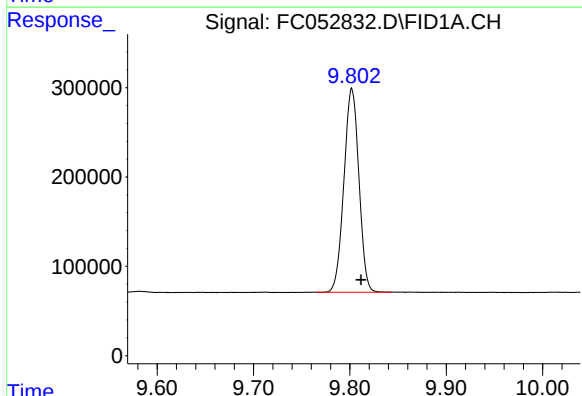
R.T.: 7.030 min
Delta R.T.: -0.009 min
Response: 2807923
Conc: 20.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



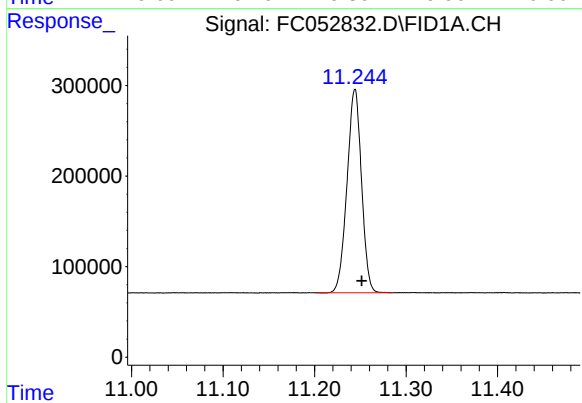
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.009 min
Response: 2536641
Conc: 20.97 ug/ml



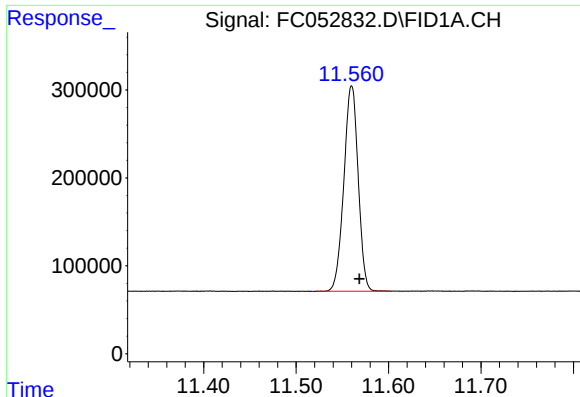
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: -0.009 min
Response: 2452316
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

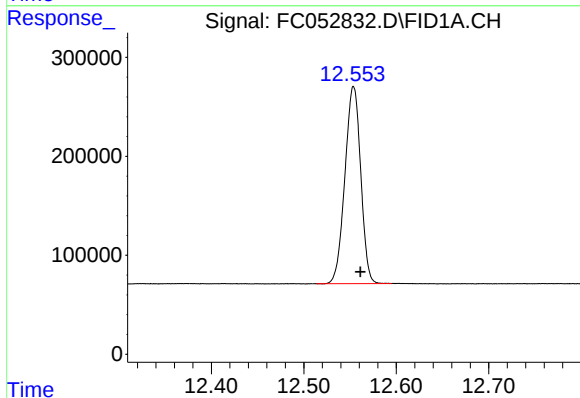
R.T.: 11.244 min
Delta R.T.: -0.008 min
Response: 2468723
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

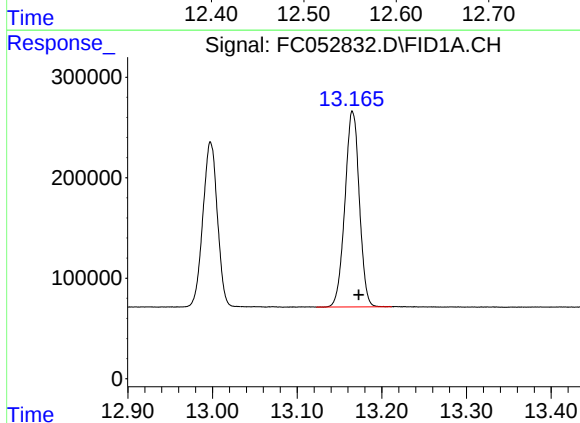
R.T.: 11.560 min
Delta R.T.: -0.008 min
Response: 2517320
Conc: 18.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



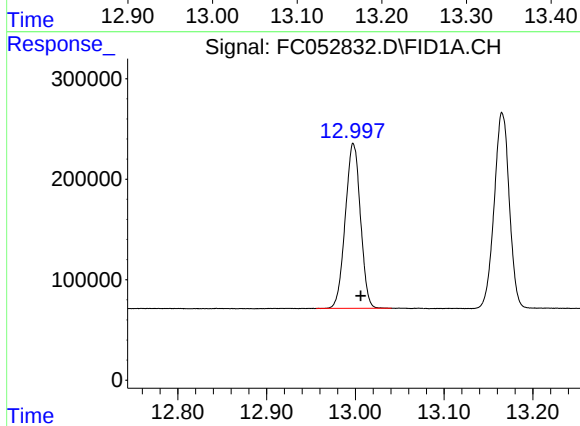
#10 n-Eicosane (C20)

R.T.: 12.554 min
Delta R.T.: -0.007 min
Response: 2371371
Conc: 18.57 ug/ml



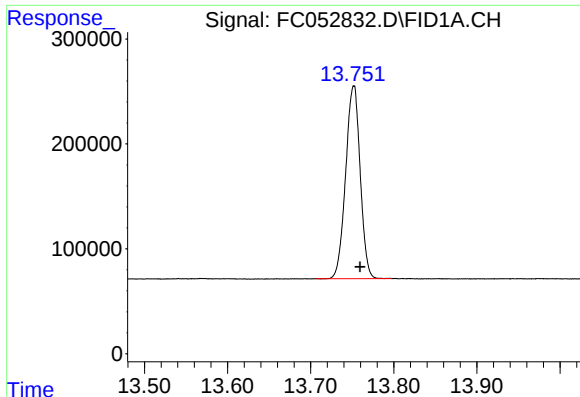
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.007 min
Response: 2305488
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

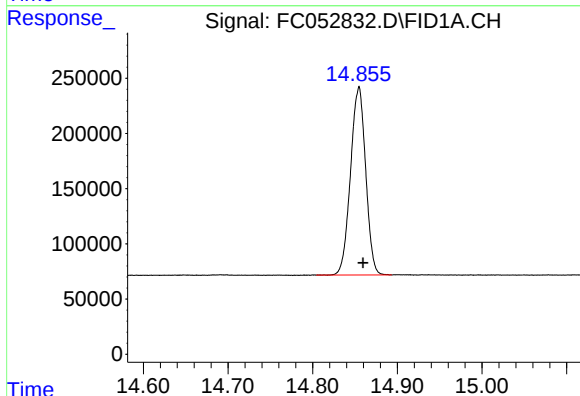
R.T.: 12.998 min
Delta R.T.: -0.008 min
Response: 1949214
Conc: 18.07 ug/ml



#13 n-Docosane (C22)

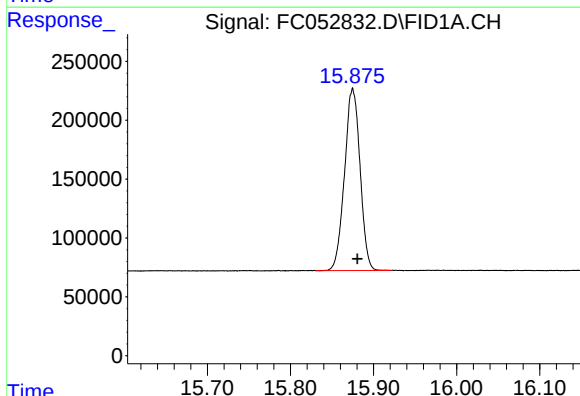
R.T.: 13.752 min
Delta R.T.: -0.007 min
Response: 2234167
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



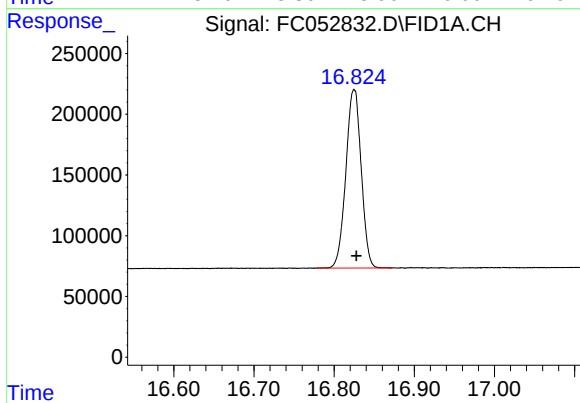
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.005 min
Response: 2117295
Conc: 16.95 ug/ml



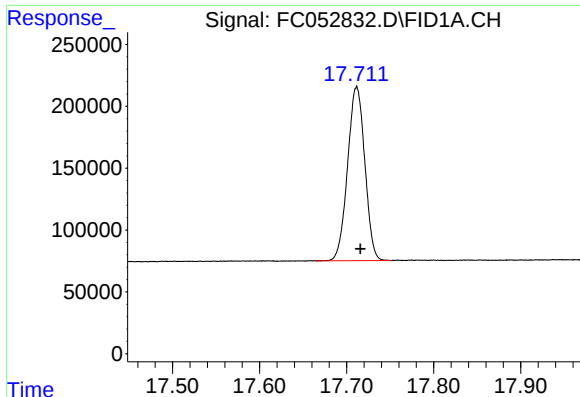
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.006 min
Response: 2004094
Conc: 16.64 ug/ml



#16 n-Octacosane (C28)

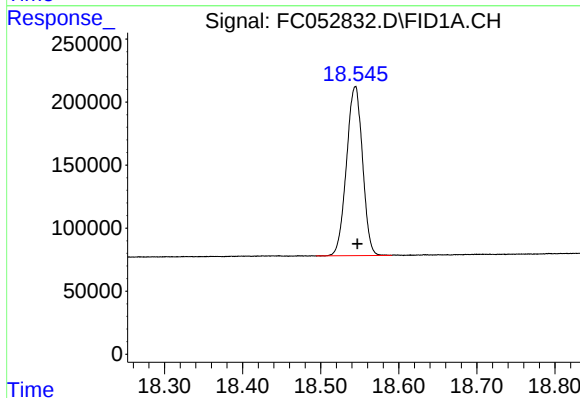
R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 1948097
Conc: 16.90 ug/ml



#17 n-Tricontane (C30)

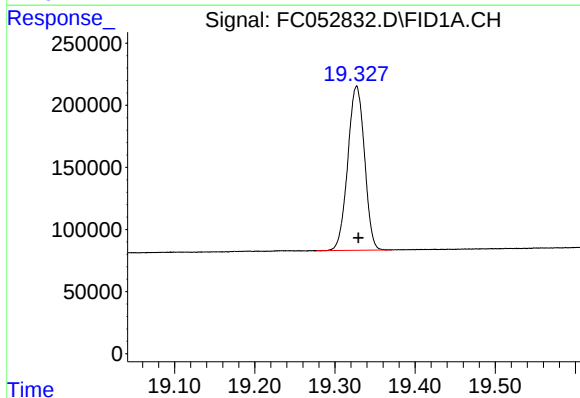
R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 1932169
Conc: 17.73 ug/ml

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20 PPM ALIPHATIC HC STD



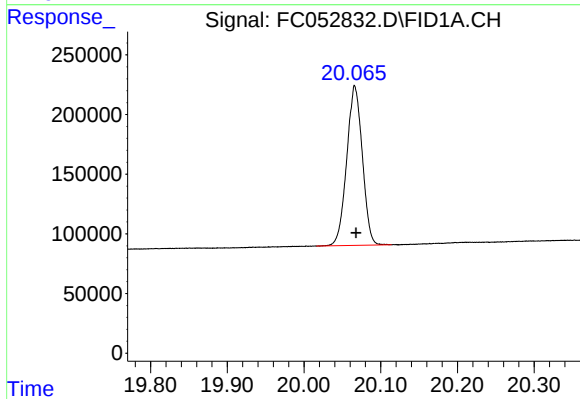
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1911024
Conc: 19.05 ug/ml



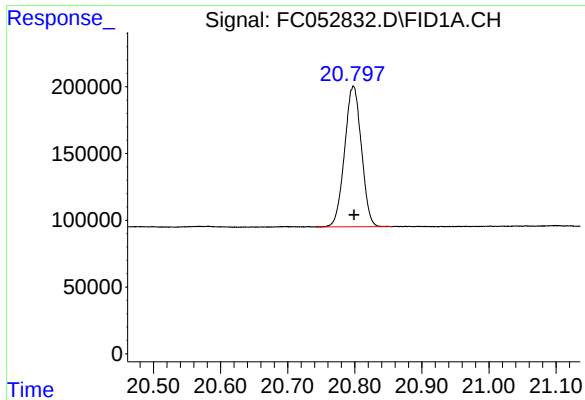
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1917248
Conc: 20.86 ug/ml



#20 n-Hexatriacontane (C36)

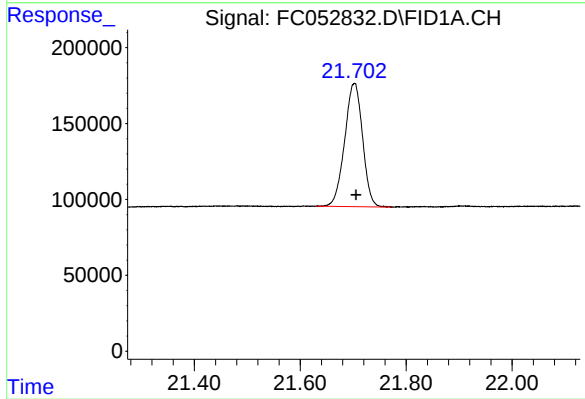
R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 1890084
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.001 min
Response: 1831098
Conc: 22.44 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.003 min
Response: 1907503
Conc: 22.14 ug/ml