

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
 Data File : FC040076.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2019 20:31
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 25 01:05:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.013	2600497	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	12.441	2003098	20.278 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T n-Nonane (C9)	2.850	1684555	20.411 ug/ml
2) T n-Decane (C10)	3.870	1726751	20.402 ug/ml
3) T A~Naphthalene (C11.7)	5.442	2004686	20.546 ug/ml
4) T n-Dodecane (C12)	5.864	1769017	20.480 ug/ml
5) T A~2-methylnaphthalene...	6.490	2047586	20.607 ug/ml
6) T n-Tetradecane (C14)	7.654	1874008	20.561 ug/ml
7) T n-Hexadecane (C16)	9.251	1966346	20.458 ug/ml
8) T n-Octadecane (C18)	10.690	2035184	20.289 ug/ml
10) T n-Eicosane (C20)	11.997	2044068	20.085 ug/ml
11) T n-Heneicosane (C21)	12.608	2018798	20.019 ug/ml
13) T n-Docosane (C22)	13.193	2012728	20.023 ug/ml
14) T n-Tetracosane (C24)	14.294	1975001	19.837 ug/ml
15) T n-Hexacosane (C26)	15.313	1948714	19.904 ug/ml
16) T n-Octacosane (C28)	16.260	1978709	20.171 ug/ml
17) T n-Tricontane (C30)	17.147	2012541	20.568 ug/ml
18) T n-Dotriacontane (C32)	17.978	1978179	20.440 ug/ml
19) T n-Tetratriacontane (C34)	18.791	1690113	20.161 ug/ml
20) T n-Hexatriacontane (C36)	19.812	1500809	20.384 ug/ml
21) T n-Octatriacontane (C38)	21.187	1415138	20.480 ug/ml
22) T n-Tetracontane (C40)	23.094	1393773	20.561 ug/ml

(f)=RT Delta > 1/2 Window

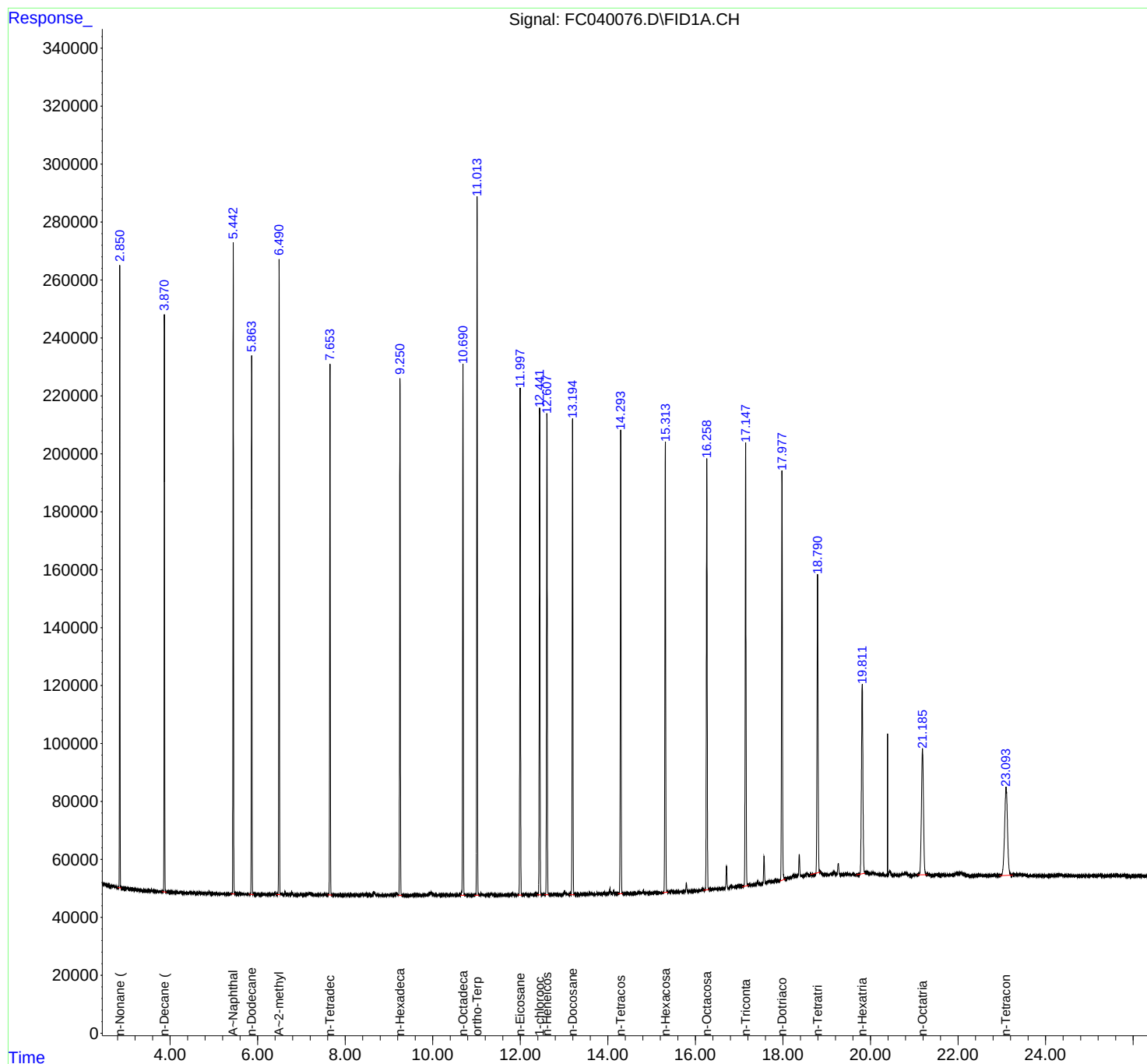
(m)=manual int.

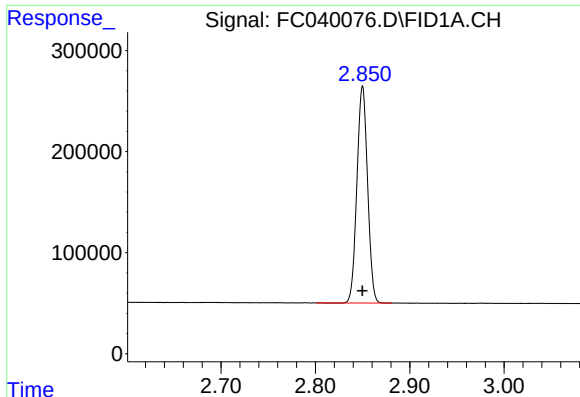
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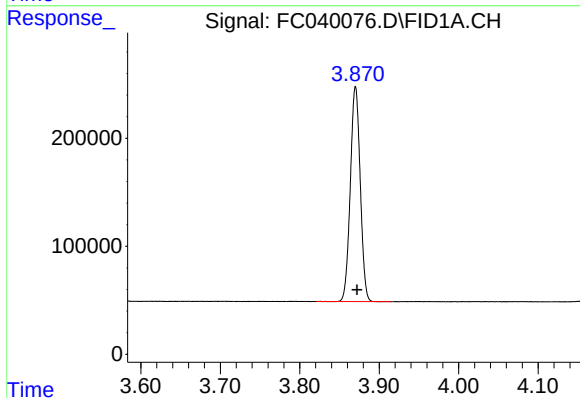




#1 n-Nonane (C9)

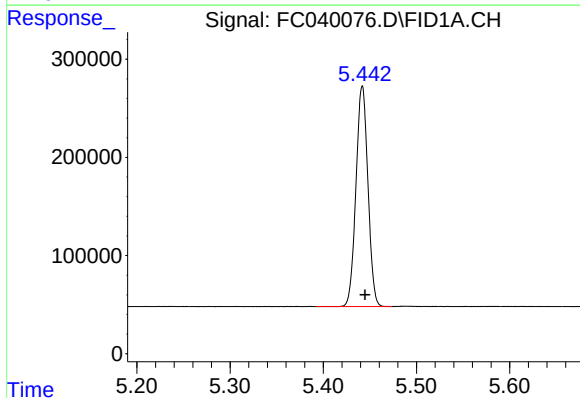
R.T.: 2.850 min
Delta R.T.: 0.000 min
Response: 1684555
Conc: 20.41 ug/ml

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20 PPM ALIPHATIC HC STD



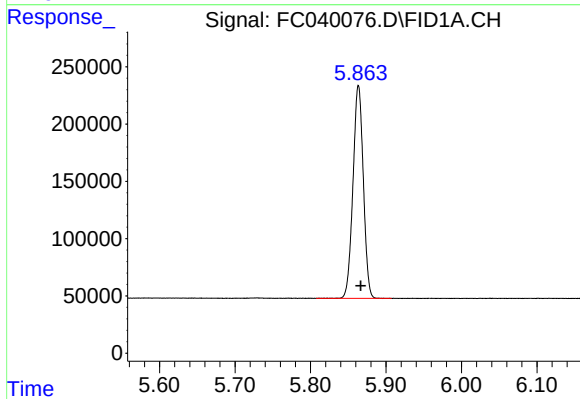
#2 n-Decane (C10)

R.T.: 3.870 min
Delta R.T.: -0.002 min
Response: 1726751
Conc: 20.40 ug/ml



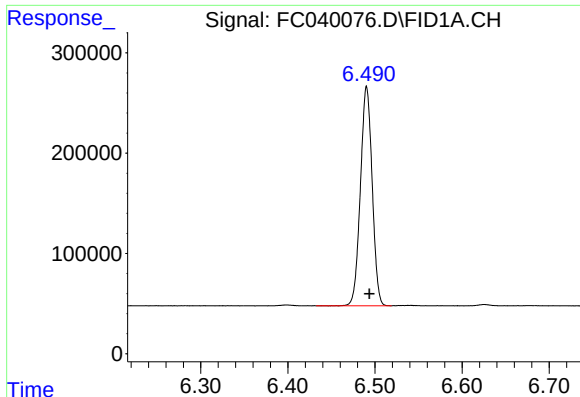
#3 A~Naphthalene (C11.7)

R.T.: 5.442 min
Delta R.T.: -0.003 min
Response: 2004686
Conc: 20.55 ug/ml



#4 n-Dodecane (C12)

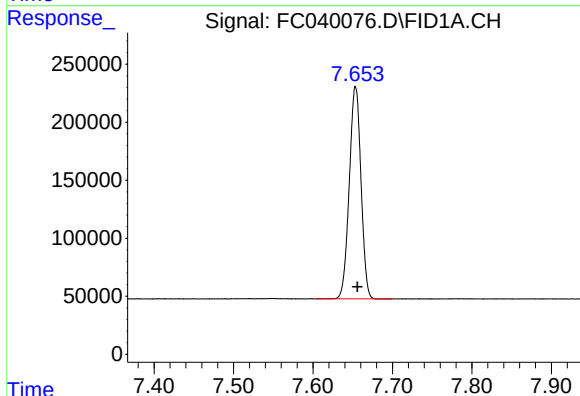
R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 1769017
Conc: 20.48 ug/ml



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

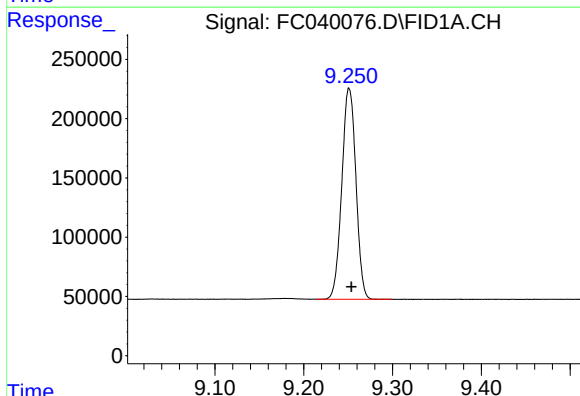
R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 2047586
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



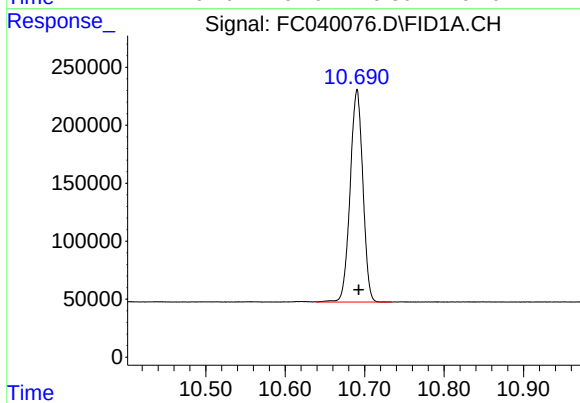
#6 n-Tetradecane (C14)

R.T.: 7.654 min
Delta R.T.: -0.002 min
Response: 1874008
Conc: 20.56 ug/ml



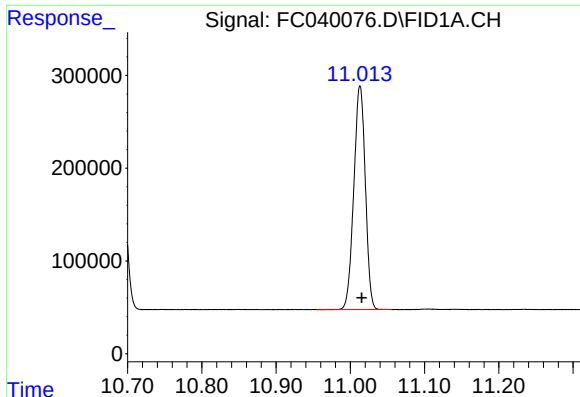
#7 n-Hexadecane (C16)

R.T.: 9.251 min
Delta R.T.: -0.003 min
Response: 1966346
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

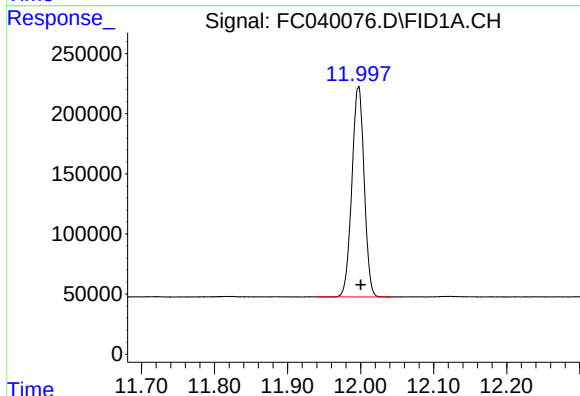
R.T.: 10.690 min
Delta R.T.: -0.002 min
Response: 2035184
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

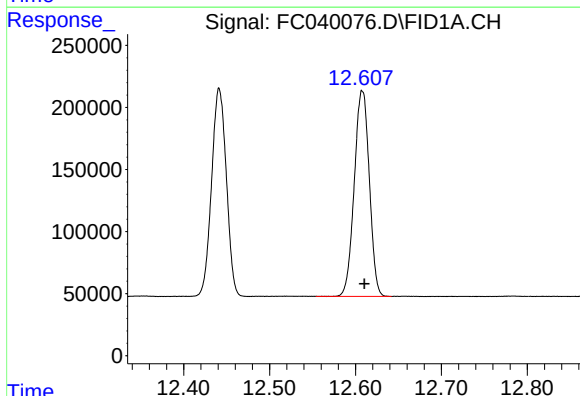
R.T.: 11.013 min
Delta R.T.: -0.002 min
Response: 2600497
Conc: 20.19 ug/ml

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20 PPM ALIPHATIC HC STD



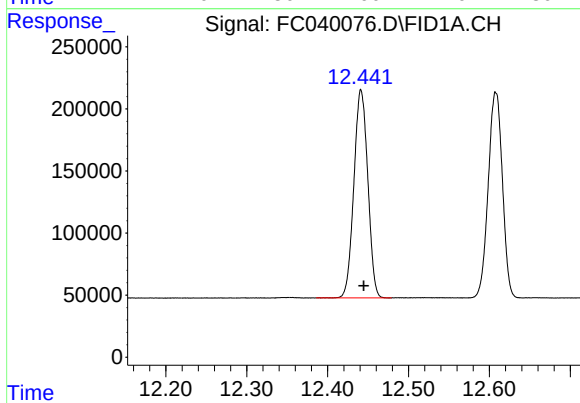
#10 n-Eicosane (C20)

R.T.: 11.997 min
Delta R.T.: -0.003 min
Response: 2044068
Conc: 20.09 ug/ml



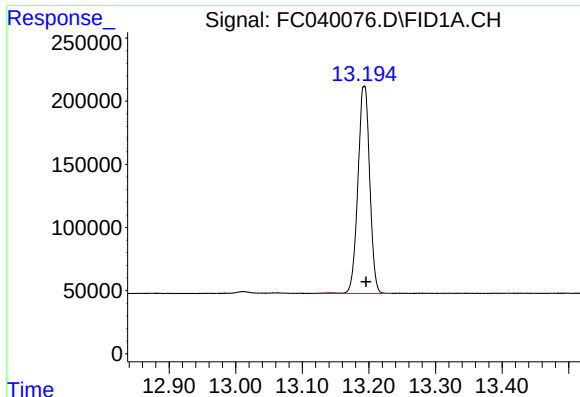
#11 n-Heneicosane (C21)

R.T.: 12.608 min
Delta R.T.: -0.002 min
Response: 2018798
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

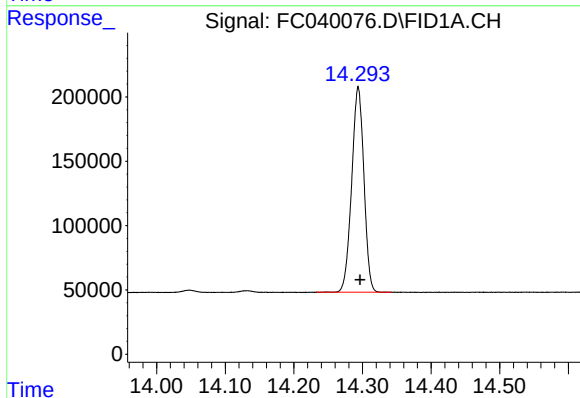
R.T.: 12.441 min
Delta R.T.: -0.003 min
Response: 2003098
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

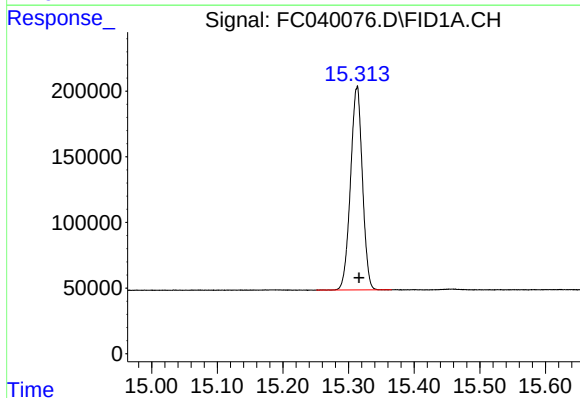
R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 2012728
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



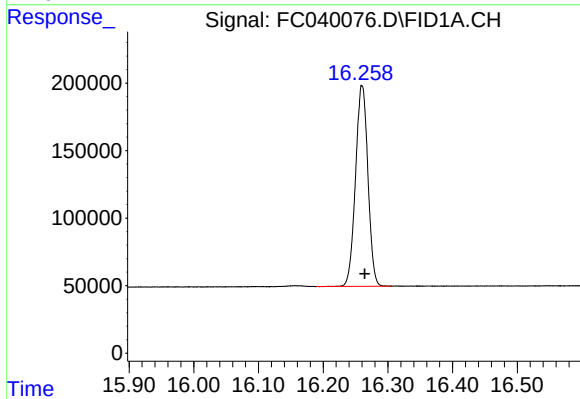
#14 n-Tetracosane (C24)

R.T.: 14.294 min
Delta R.T.: -0.003 min
Response: 1975001
Conc: 19.84 ug/ml



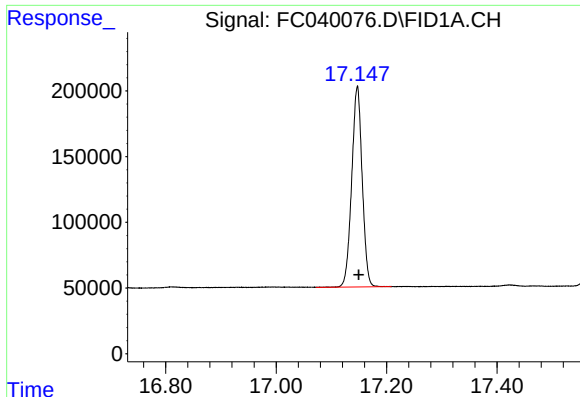
#15 n-Hexacosane (C26)

R.T.: 15.313 min
Delta R.T.: -0.003 min
Response: 1948714
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

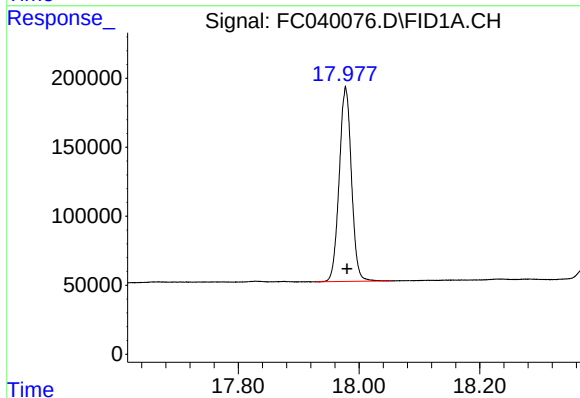
R.T.: 16.260 min
Delta R.T.: -0.004 min
Response: 1978709
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

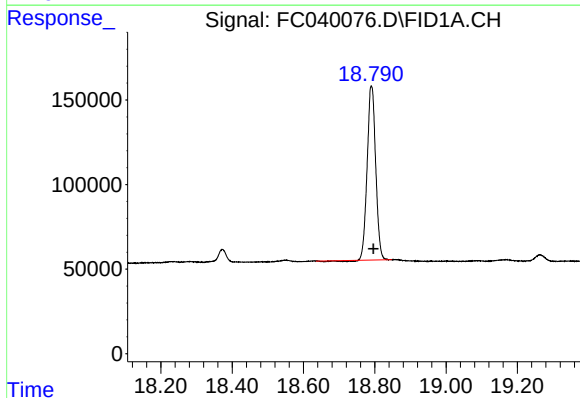
R.T.: 17.147 min
Delta R.T.: -0.003 min
Response: 2012541
Conc: 20.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



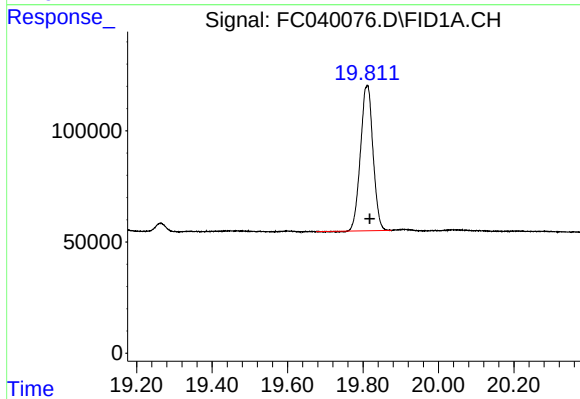
#18 n-Dotriacontane (C32)

R.T.: 17.978 min
Delta R.T.: -0.002 min
Response: 1978179
Conc: 20.44 ug/ml



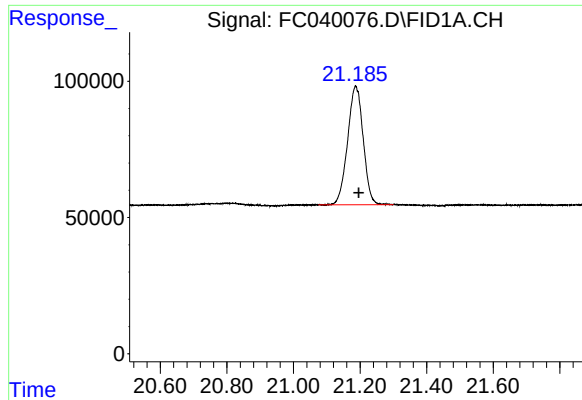
#19 n-Tetratriacontane (C34)

R.T.: 18.791 min
Delta R.T.: -0.005 min
Response: 1690113
Conc: 20.16 ug/ml



#20 n-Hexatriacontane (C36)

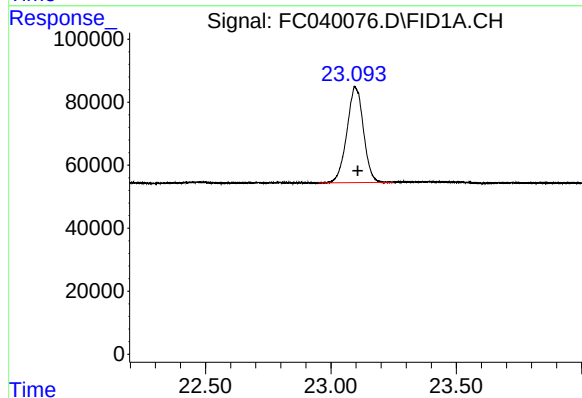
R.T.: 19.812 min
Delta R.T.: -0.006 min
Response: 1500809
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.009 min
Response: 1415138
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 23.094 min
Delta R.T.: -0.012 min
Response: 1393773
Conc: 20.56 ug/ml