

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120120AL\
 Data File : FC051051.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2020 22:51
 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: Dec 02 00:59:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 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)	11.598	2529542	20.558 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
12) S 1-chlorooctadecane (S...	13.033	1965803	20.151 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.350	2389770	22.456 ug/ml
2) T n-Decane (C10)	4.419	2417805	22.765 ug/ml
3) T A~Naphthalene (C11.7)	6.012	2538310	22.578 ug/ml
4) T n-Dodecane (C12)	6.439	2471417	22.714 ug/ml
5) T A~2-methylnaphthalene...	7.070	2575071	22.785 ug/ml
6) T n-Tetradecane (C14)	8.234	2443799	22.586 ug/ml
7) T n-Hexadecane (C16)	9.835	2375965	22.140 ug/ml
8) T n-Octadecane (C18)	11.277	2438985	21.384 ug/ml
10) T n-Eicosane (C20)	12.587	2396476	20.629 ug/ml
11) T n-Heneicosane (C21)	13.198	2352926	20.308 ug/ml
13) T n-Docosane (C22)	13.785	2342619	20.226 ug/ml
14) T n-Tetracosane (C24)	14.886	2276138	19.791 ug/ml
15) T n-Hexacosane (C26)	15.905	2229664	19.802 ug/ml
16) T n-Octacosane (C28)	16.855	2201026	19.878 ug/ml
17) T n-Tricontane (C30)	17.743	2152485	20.263 ug/ml
18) T n-Dotriacontane (C32)	18.573	2007448	20.545 ug/ml
19) T n-Tetratriacontane (C34)	19.355	1898476	21.272 ug/ml
20) T n-Hexatriacontane (C36)	20.094	1825503	21.888 ug/ml
21) T n-Octatriacontane (C38)	20.833	1726209	22.166 ug/ml
22) T n-Tetracontane (C40)	21.754	1820112	21.982 ug/ml

(f)=RT Delta > 1/2 Window

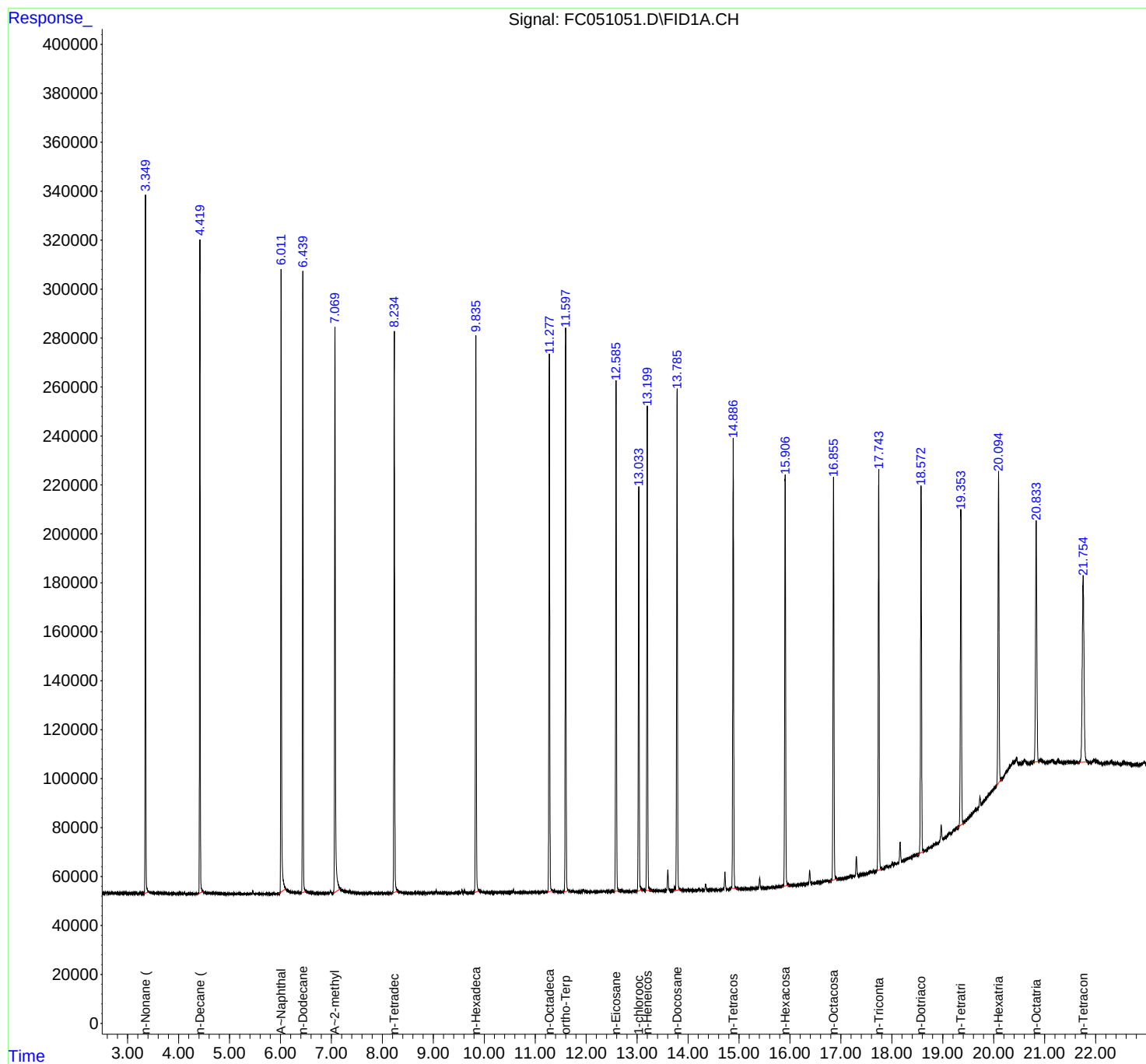
(m)=manual int.

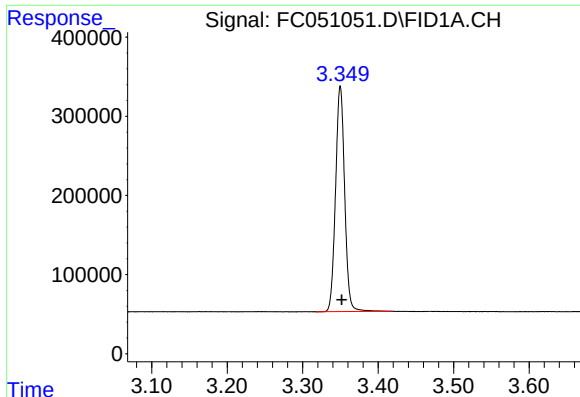
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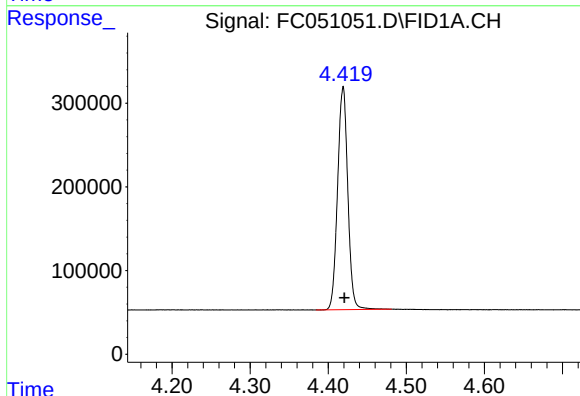




#1 n-Nonane (C9)

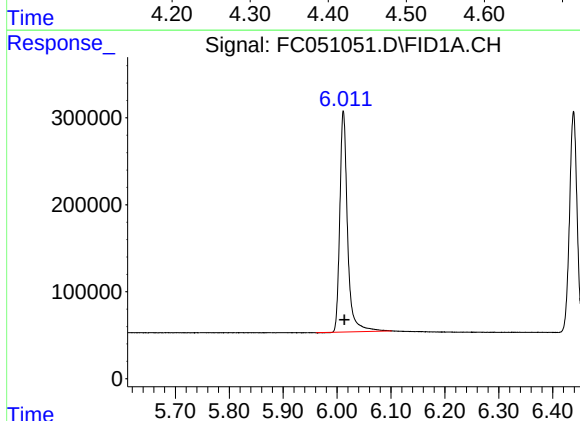
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 2389770
Conc: 22.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



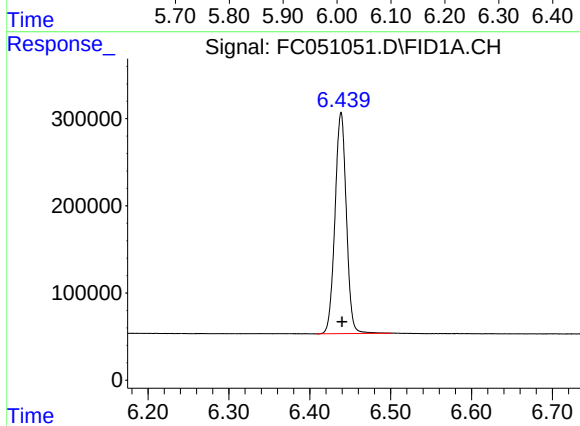
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 2417805
Conc: 22.76 ug/ml



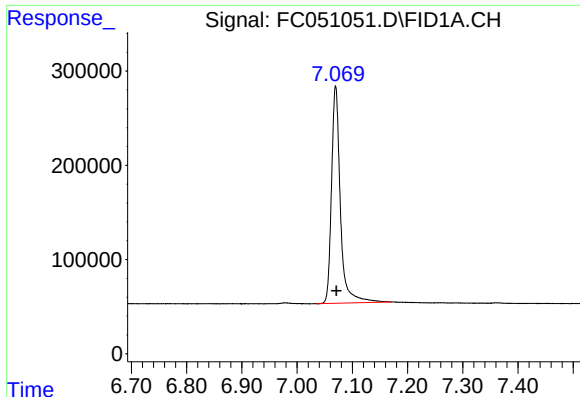
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 2538310
Conc: 22.58 ug/ml



#4 n-Dodecane (C12)

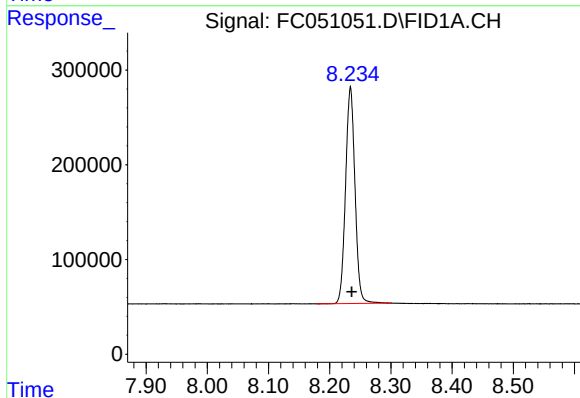
R.T.: 6.439 min
Delta R.T.: -0.001 min
Response: 2471417
Conc: 22.71 ug/ml



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

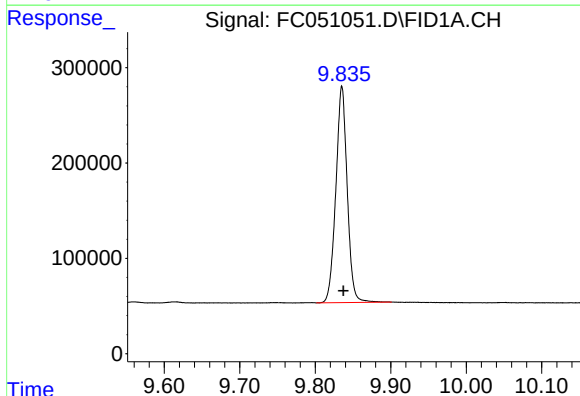
R.T.: 7.070 min
Delta R.T.: -0.001 min
Response: 2575071
Conc: 22.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



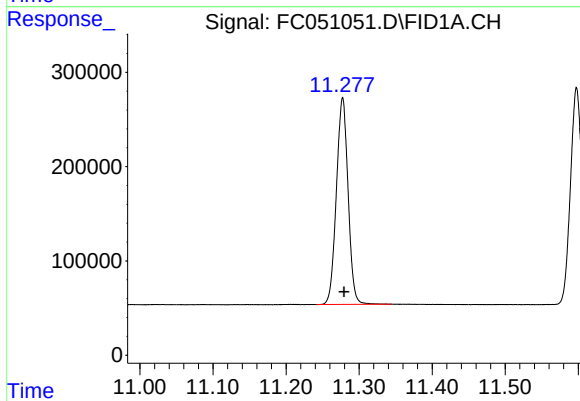
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: -0.002 min
Response: 2443799
Conc: 22.59 ug/ml



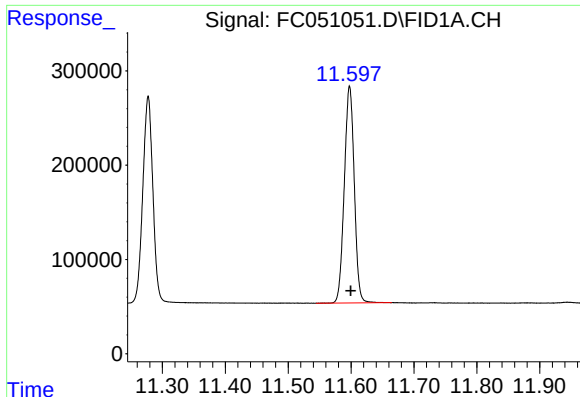
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.002 min
Response: 2375965
Conc: 22.14 ug/ml



#8 n-Octadecane (C18)

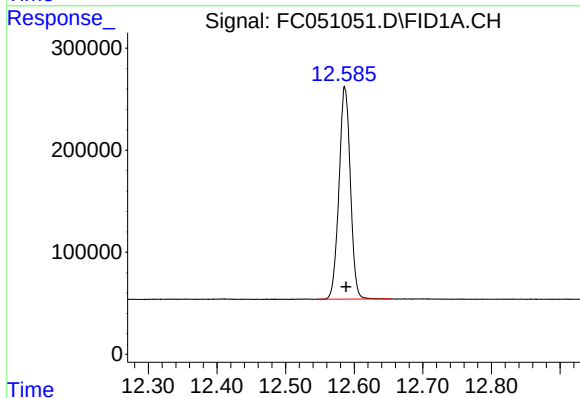
R.T.: 11.277 min
Delta R.T.: -0.002 min
Response: 2438985
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

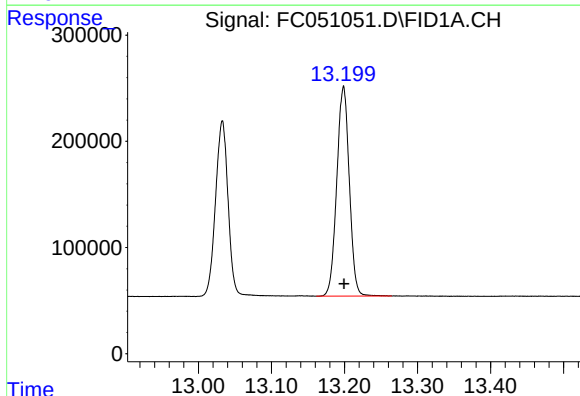
R.T.: 11.598 min
Delta R.T.: -0.002 min
Response: 2529542
Conc: 20.56 ug/ml

Instrument :
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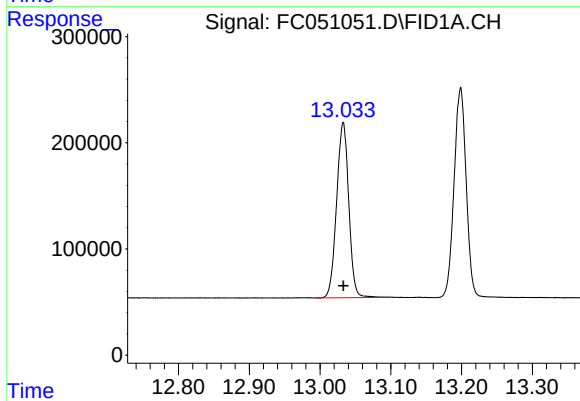
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: -0.002 min
Response: 2396476
Conc: 20.63 ug/ml



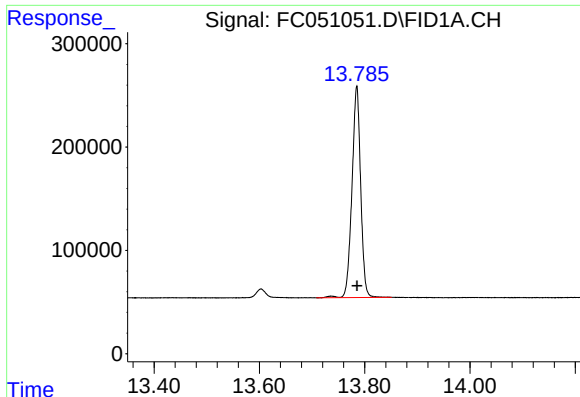
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: -0.001 min
Response: 2352926
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

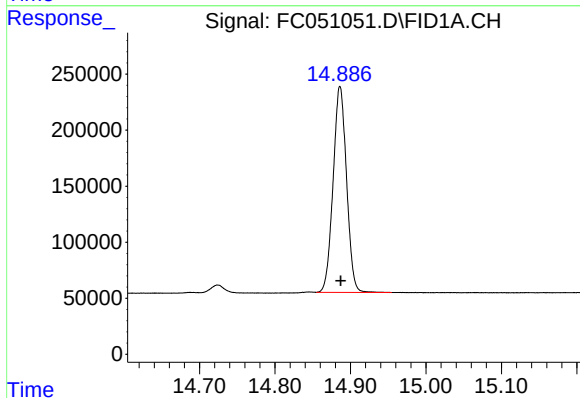
R.T.: 13.033 min
Delta R.T.: 0.000 min
Response: 1965803
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

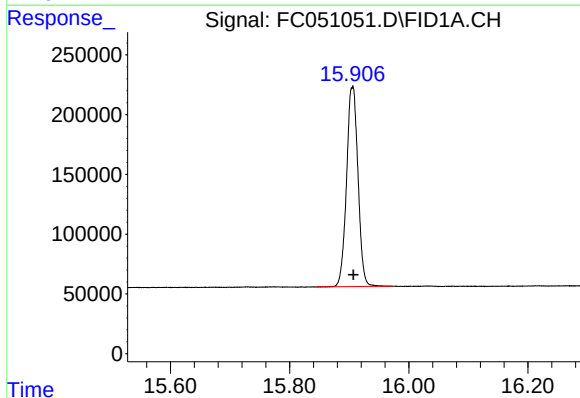
R.T.: 13.785 min
Delta R.T.: 0.000 min
Response: 2342619
Conc: 20.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



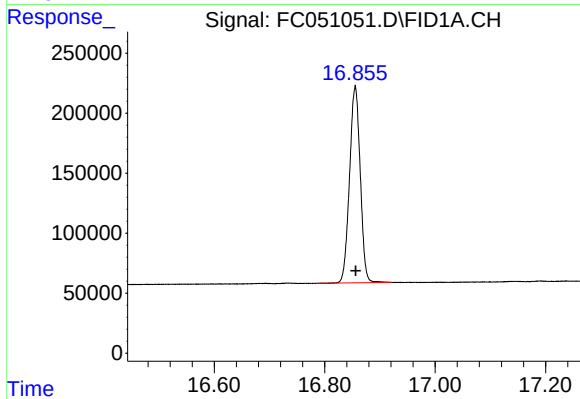
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.001 min
Response: 2276138
Conc: 19.79 ug/ml



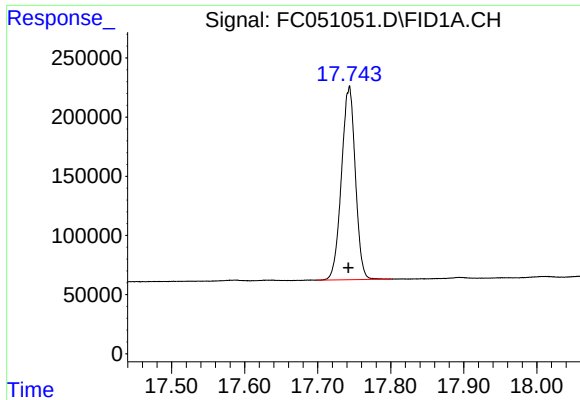
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.002 min
Response: 2229664
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: 0.000 min
Response: 2201026
Conc: 19.88 ug/ml



#17 n-Tricontane (C30)

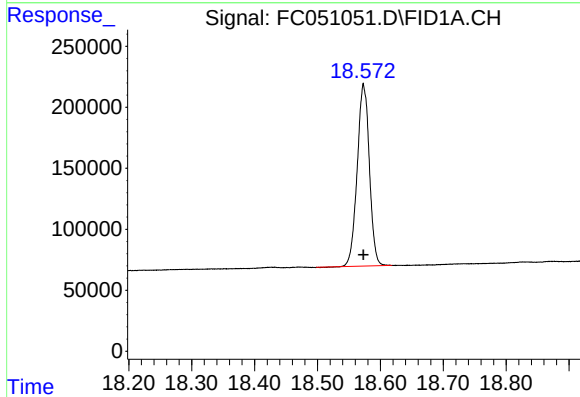
R.T.: 17.743 min

Delta R.T.: 0.000 min

Response: 2152485

Conc: 20.26 ug/ml

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20 PPM ALIPHATIC HC STD



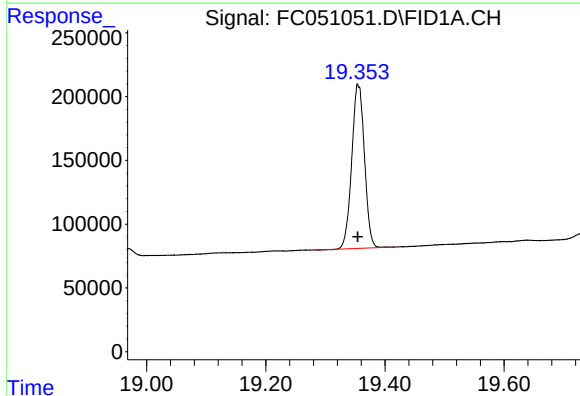
#18 n-Dotriacontane (C32)

R.T.: 18.573 min

Delta R.T.: 0.000 min

Response: 2007448

Conc: 20.55 ug/ml



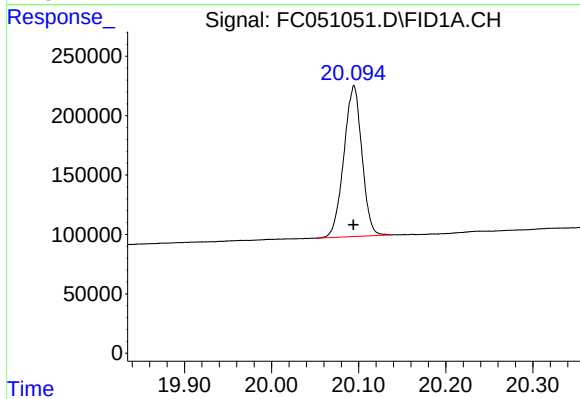
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min

Delta R.T.: 0.000 min

Response: 1898476

Conc: 21.27 ug/ml



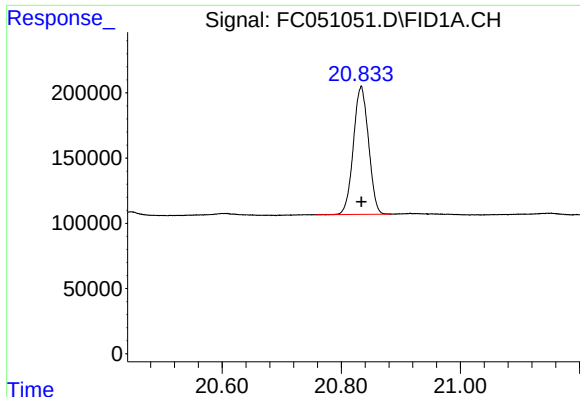
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min

Delta R.T.: 0.000 min

Response: 1825503

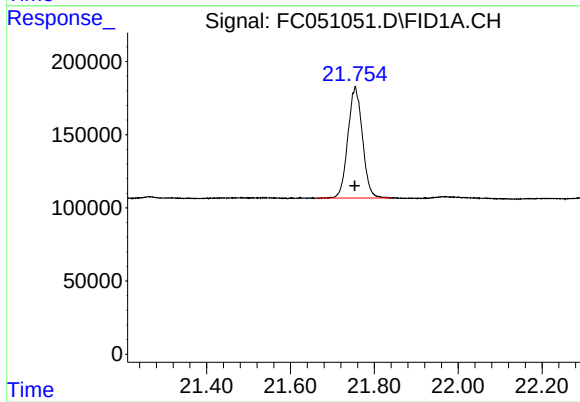
Conc: 21.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.833 min
Delta R.T.: 0.000 min
Response: 1726209
Conc: 22.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.000 min
Response: 1820112
Conc: 21.98 ug/ml