

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122619AL\
 Data File : FC045078.D
 Signal(s) : FID1A.CH
 Acq On : 27 Dec 2019 00:06
 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 27 03:26:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 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)	11.758	2430652	21.431 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
12) S 1-chlorooctadecane (S...	13.181	1901237	21.322 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
Target Compounds			
1) T n-Nonane (C9)	3.512	2148121	21.333 ug/ml
2) T n-Decane (C10)	4.585	2170840	21.519 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2422857	21.621 ug/ml
4) T n-Dodecane (C12)	6.601	2195344	21.568 ug/ml
5) T A~2-methylnaphthalene...	7.238	2443917	21.682 ug/ml
6) T n-Tetradecane (C14)	8.392	2206828	21.652 ug/ml
7) T n-Hexadecane (C16)	9.989	2225347	21.615 ug/ml
8) T n-Octadecane (C18)	11.427	2241074	21.549 ug/ml
10) T n-Eicosane (C20)	12.734	2243182	21.441 ug/ml
11) T n-Heneicosane (C21)	13.345	2256094	21.332 ug/ml
13) T n-Docosane (C22)	13.930	2243871	21.222 ug/ml
14) T n-Tetracosane (C24)	15.030	2236176	20.930 ug/ml
15) T n-Hexacosane (C26)	16.049	2186557	20.502 ug/ml
16) T n-Octacosane (C28)	16.997	2119088	20.065 ug/ml
17) T n-Tricontane (C30)	17.882	2006697	19.685 ug/ml
18) T n-Dotriacontane (C32)	18.712	1668521	19.287 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1378837	18.822 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1233634	18.772 ug/ml
21) T n-Octatriacontane (C38)	21.002	1118769	18.943 ug/ml
22) T n-Tetracontane (C40)	21.967	1163388	19.671 ug/ml

(f)=RT Delta > 1/2 Window

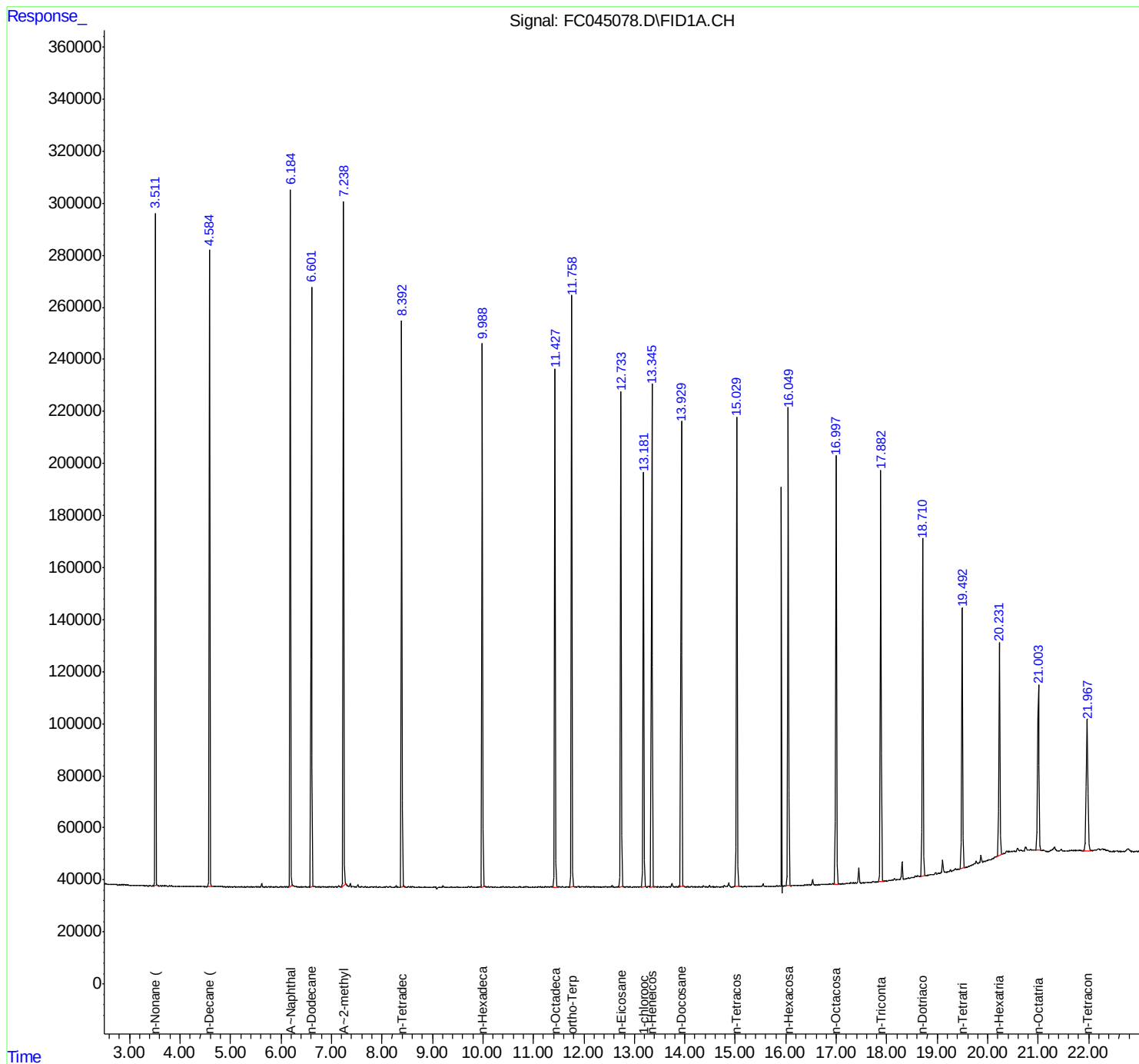
(m)=manual int.

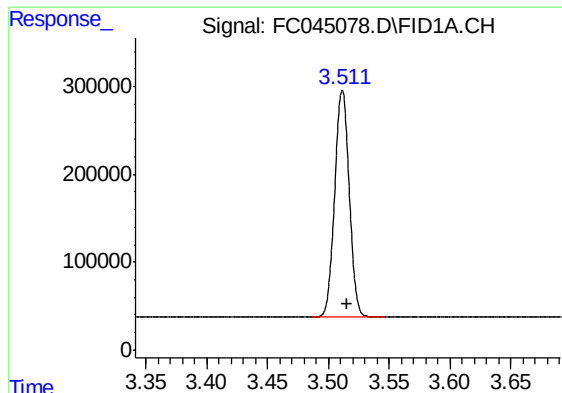
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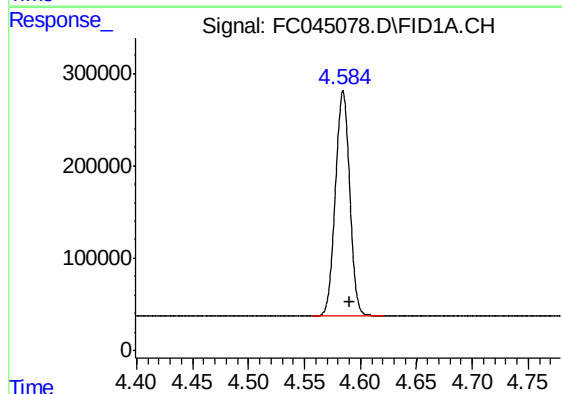




#1 n-Nonane (C9)

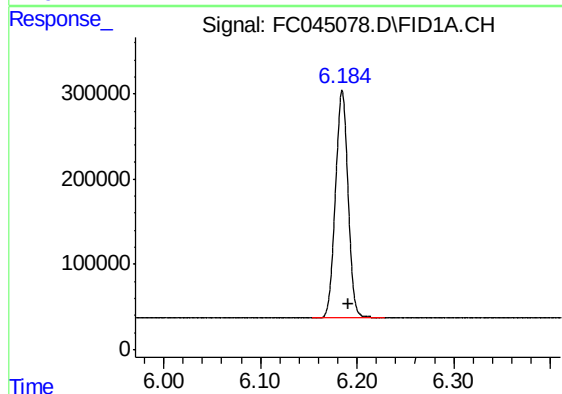
R.T.: 3.512 min
Delta R.T.: -0.004 min
Response: 2148121
Conc: 21.33 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



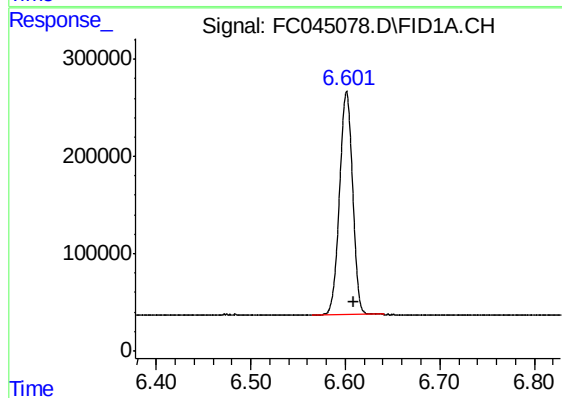
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 2170840
Conc: 21.52 ug/ml



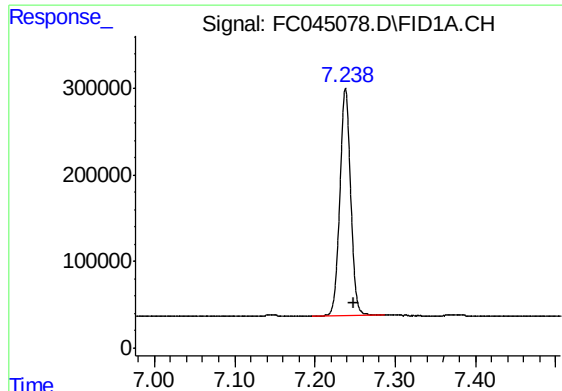
#3 A-Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.007 min
Response: 2422857
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

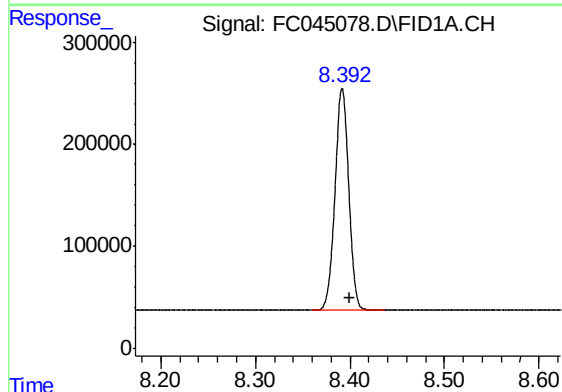
R.T.: 6.601 min
Delta R.T.: -0.007 min
Response: 2195344
Conc: 21.57 ug/ml



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

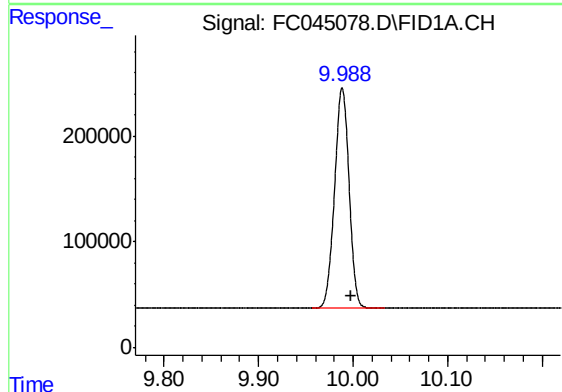
R.T.: 7.238 min
Delta R.T.: -0.010 min
Response: 2443917
Conc: 21.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



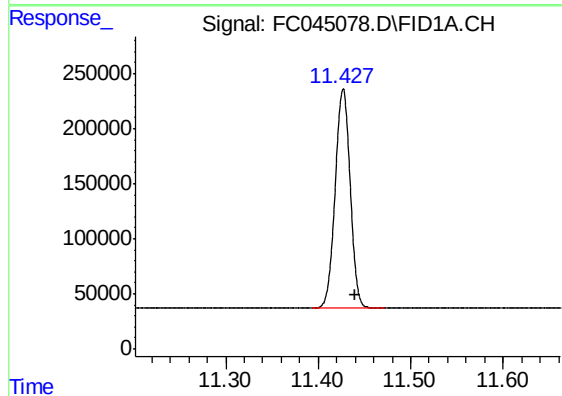
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.008 min
Response: 2206828
Conc: 21.65 ug/ml



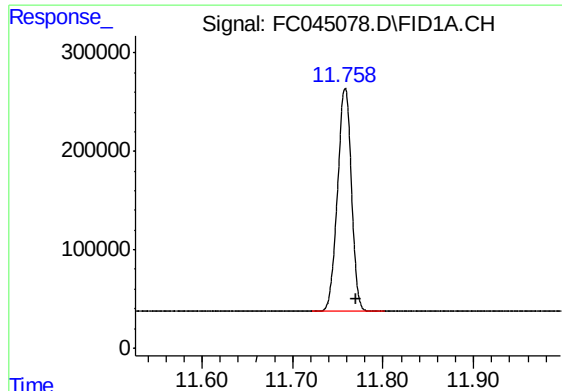
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.010 min
Response: 2225347
Conc: 21.61 ug/ml



#8 n-Octadecane (C18)

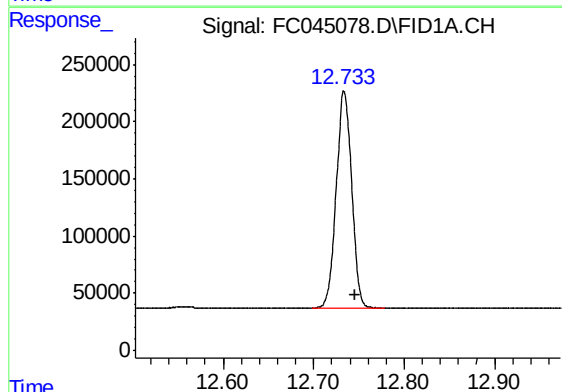
R.T.: 11.427 min
Delta R.T.: -0.012 min
Response: 2241074
Conc: 21.55 ug/ml



#9 ortho-Terphenyl (SURR)

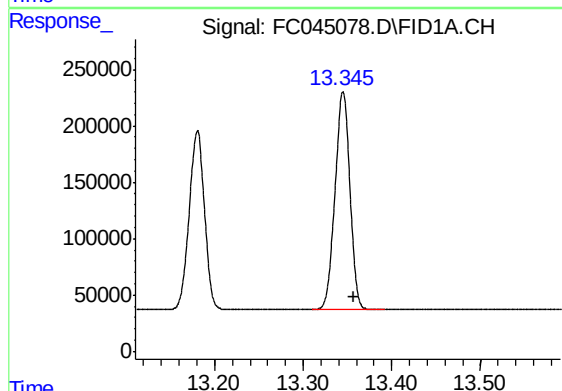
R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 2430652
Conc: 21.43 ug/ml

Instrument :
FID_C
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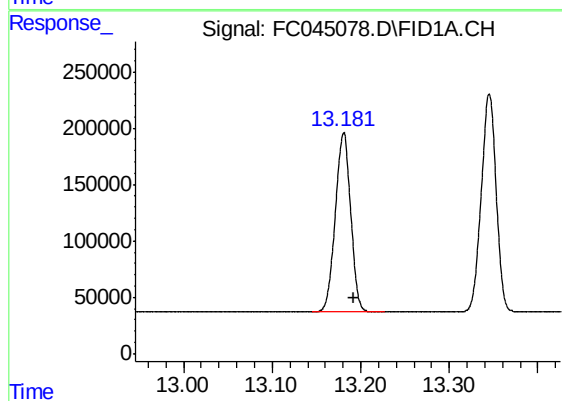
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.012 min
Response: 2243182
Conc: 21.44 ug/ml



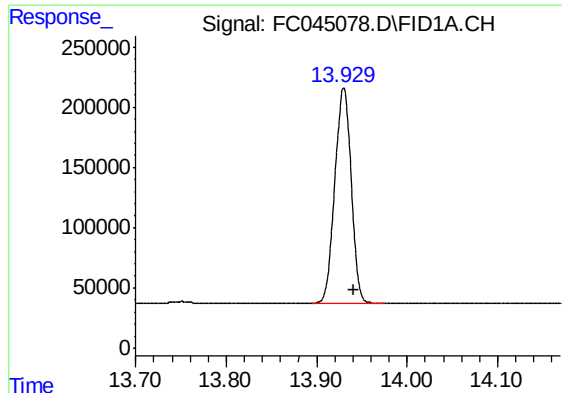
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.012 min
Response: 2256094
Conc: 21.33 ug/ml



#12 1-chlorooctadecane (SURR)

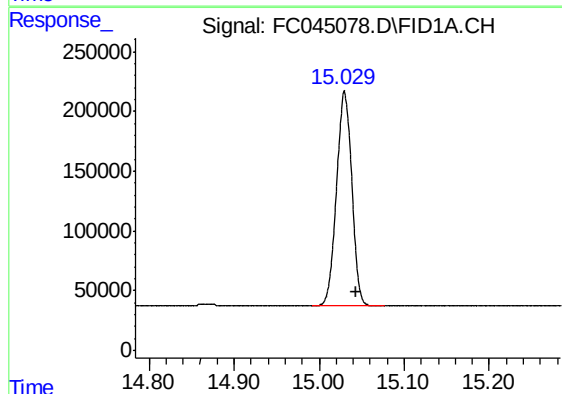
R.T.: 13.181 min
Delta R.T.: -0.011 min
Response: 1901237
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

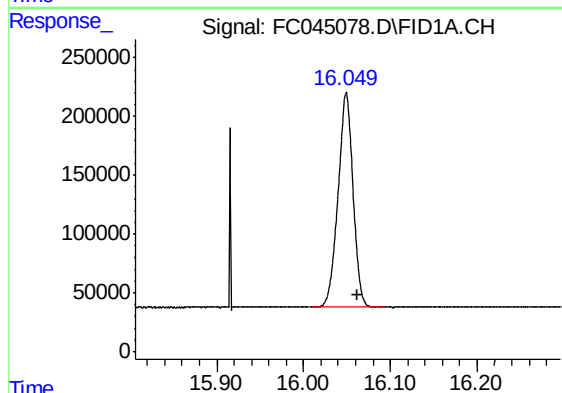
R.T.: 13.930 min
Delta R.T.: -0.011 min
Response: 2243871
Conc: 21.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



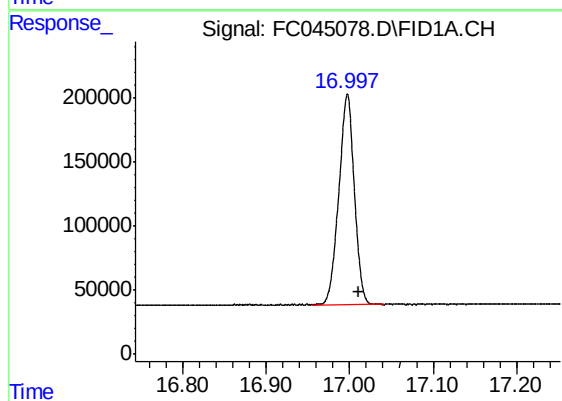
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: -0.013 min
Response: 2236176
Conc: 20.93 ug/ml



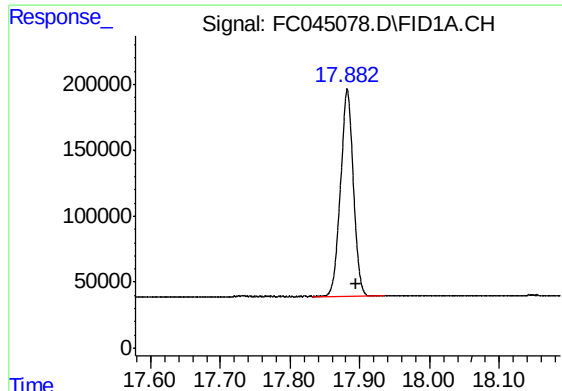
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.013 min
Response: 2186557
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

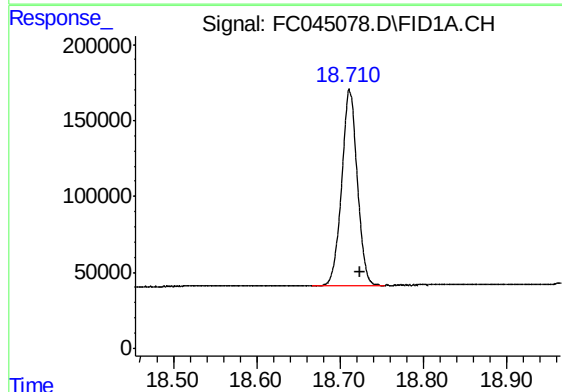
R.T.: 16.997 min
Delta R.T.: -0.013 min
Response: 2119088
Conc: 20.07 ug/ml



#17 n-Tricontane (C30)

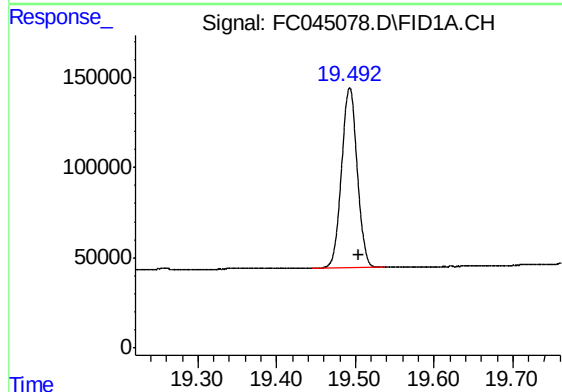
R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 2006697
Conc: 19.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



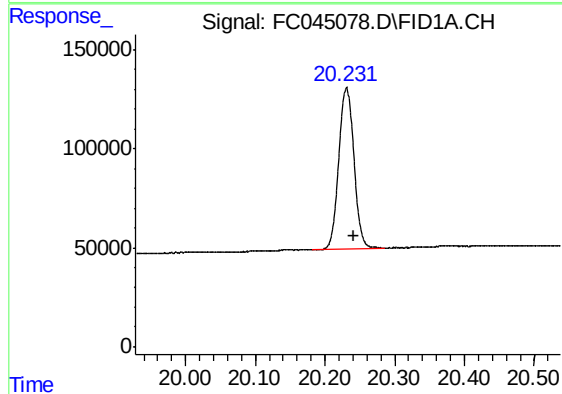
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.013 min
Response: 1668521
Conc: 19.29 ug/ml



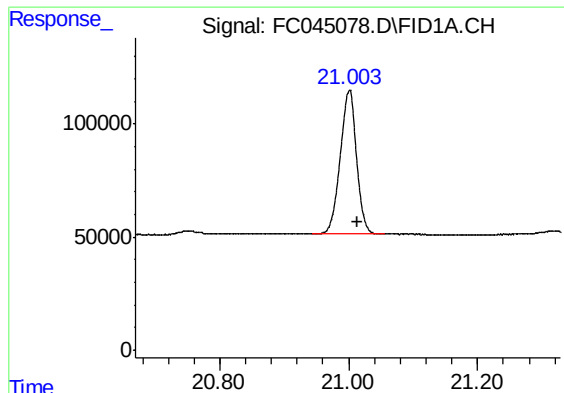
#19 n-Tetatriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.011 min
Response: 1378837
Conc: 18.82 ug/ml



#20 n-Hexatriacontane (C36)

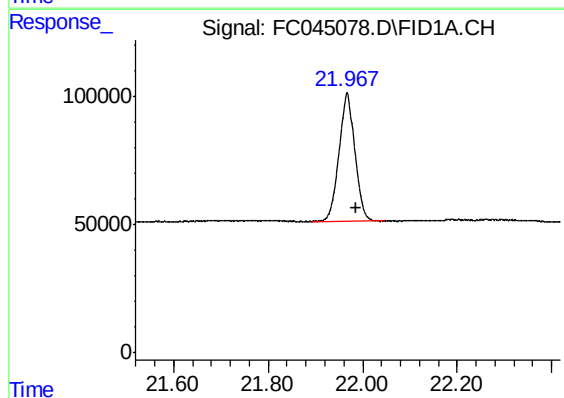
R.T.: 20.231 min
Delta R.T.: -0.011 min
Response: 1233634
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: -0.011 min
Response: 1118769
Conc: 18.94 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.019 min
Response: 1163388
Conc: 19.67 ug/ml