

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012320AL\
 Data File : FC045446.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jan 2020 23:57
 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: Jan 24 02:29:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.755	2345856	21.340 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
12) S 1-chlorooctadecane (S...	13.176	1844143	21.210 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T n-Nonane (C9)	3.515	2097438	21.685 ug/ml
2) T n-Decane (C10)	4.586	2114343	21.831 ug/ml
3) T A~Naphthalene (C11.7)	6.187	2335986	21.871 ug/ml
4) T n-Dodecane (C12)	6.602	2144959	21.941 ug/ml
5) T A~2-methylnaphthalene...	7.240	2347064	21.895 ug/ml
6) T n-Tetradecane (C14)	8.391	2163266	21.952 ug/ml
7) T n-Hexadecane (C16)	9.986	2177574	21.751 ug/ml
8) T n-Octadecane (C18)	11.424	2189212	21.494 ug/ml
10) T n-Eicosane (C20)	12.730	2184729	21.303 ug/ml
11) T n-Heneicosane (C21)	13.341	2193001	21.187 ug/ml
13) T n-Docosane (C22)	13.925	2175807	21.088 ug/ml
14) T n-Tetracosane (C24)	15.024	2174290	20.924 ug/ml
15) T n-Hexacosane (C26)	16.041	2143862	20.751 ug/ml
16) T n-Octacosane (C28)	16.988	2108276	20.627 ug/ml
17) T n-Tricontane (C30)	17.874	2023901	20.616 ug/ml
18) T n-Dotriacontane (C32)	18.702	1696001	20.382 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1411866	19.951 ug/ml
20) T n-Hexatriacontane (C36)	20.221	1245738	19.428 ug/ml
21) T n-Octatriacontane (C38)	20.986	1129996	19.320 ug/ml
22) T n-Tetracontane (C40)	21.951	1142000	19.359 ug/ml

(f)=RT Delta > 1/2 Window

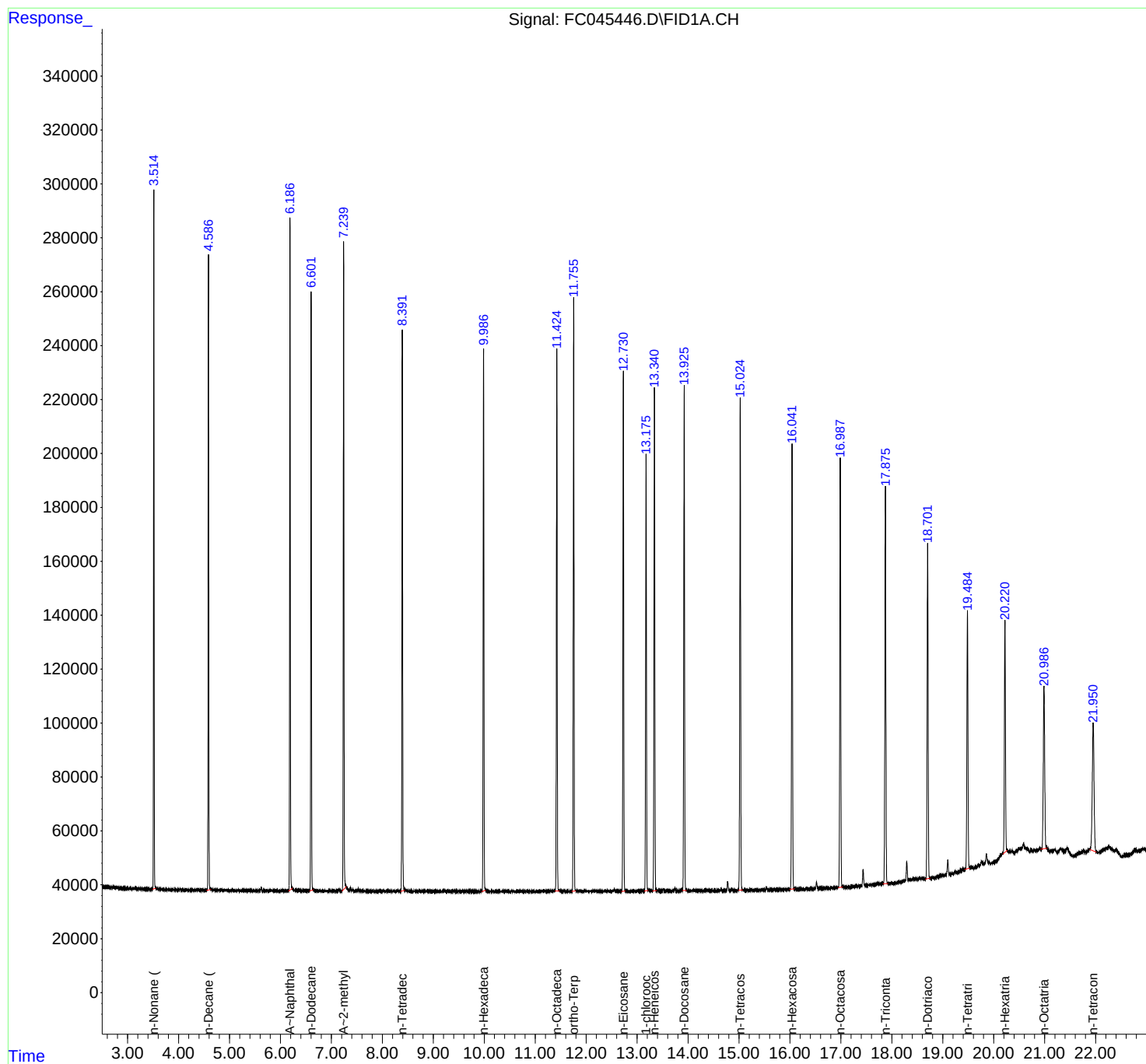
(m)=manual int.

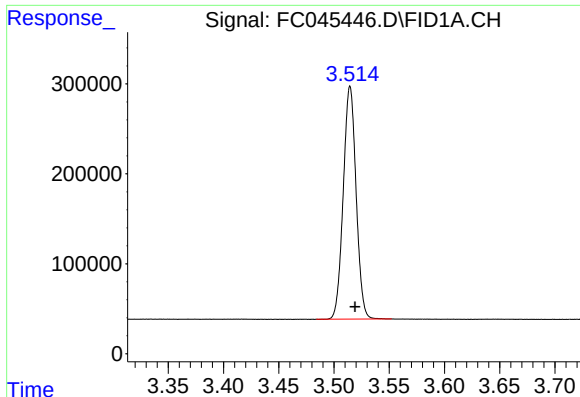
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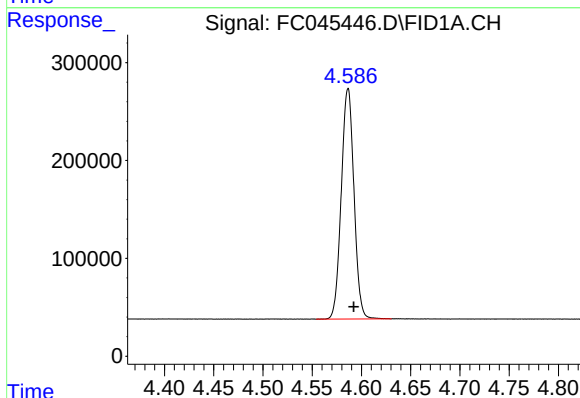




#1 n-Nonane (C9)

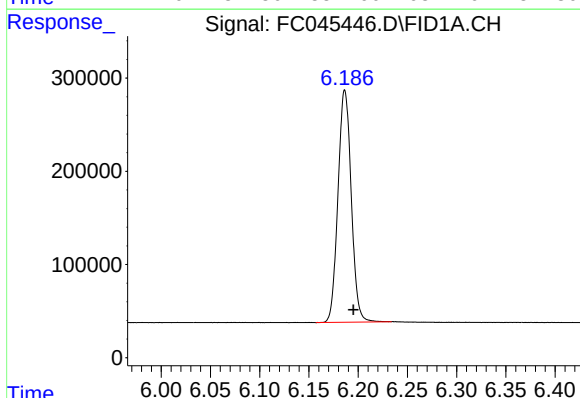
R.T.: 3.515 min
Delta R.T.: -0.004 min
Response: 2097438
Conc: 21.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



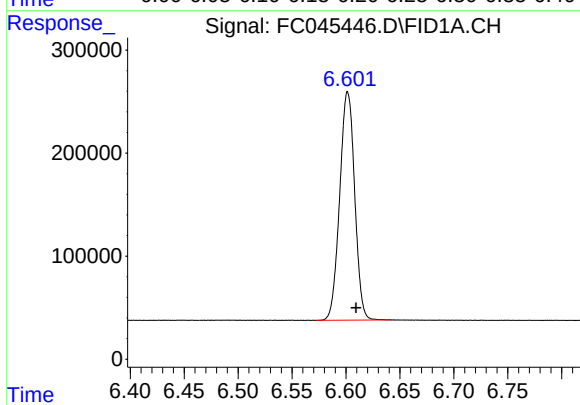
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.006 min
Response: 2114343
Conc: 21.83 ug/ml



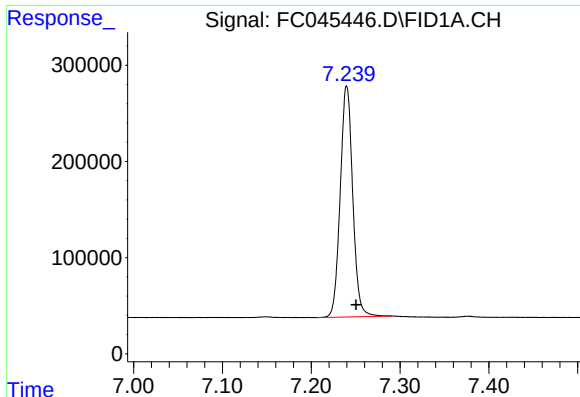
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 2335986
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

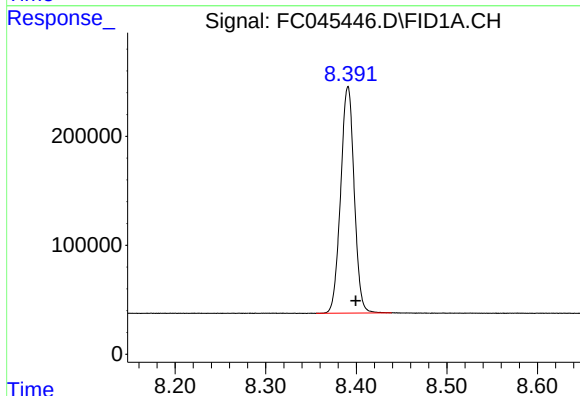
R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 2144959
Conc: 21.94 ug/ml



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

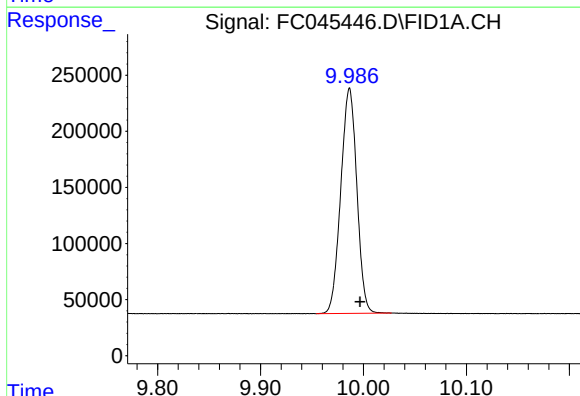
R.T.: 7.240 min
Delta R.T.: -0.011 min
Response: 2347064
Conc: 21.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



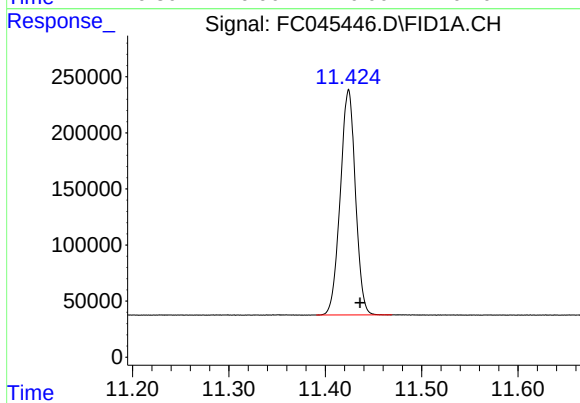
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: -0.009 min
Response: 2163266
Conc: 21.95 ug/ml



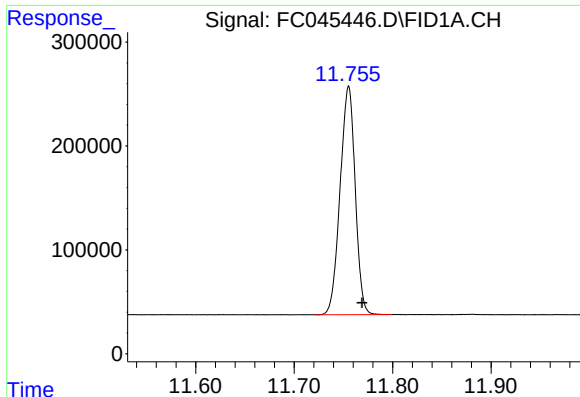
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: -0.010 min
Response: 2177574
Conc: 21.75 ug/ml



#8 n-Octadecane (C18)

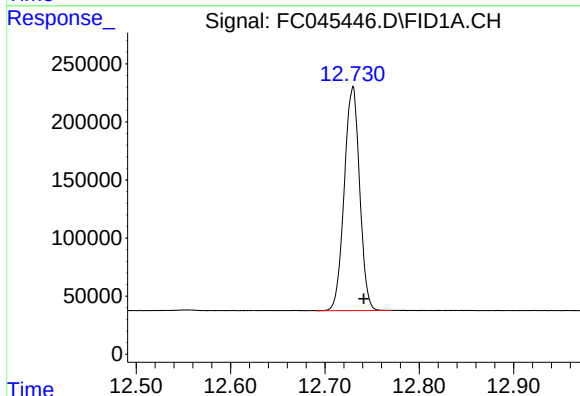
R.T.: 11.424 min
Delta R.T.: -0.012 min
Response: 2189212
Conc: 21.49 ug/ml



#9 ortho-Terphenyl (SURR)

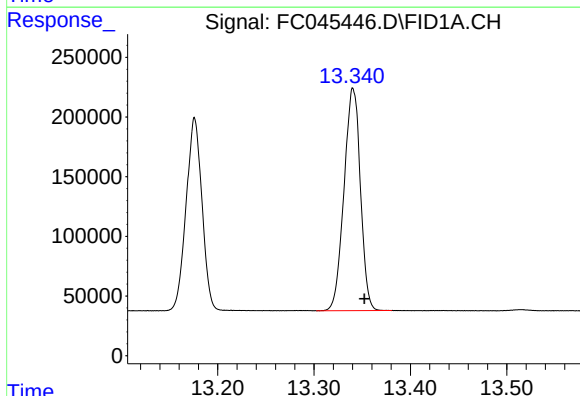
R.T.: 11.755 min
Delta R.T.: -0.014 min
Response: 2345856
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



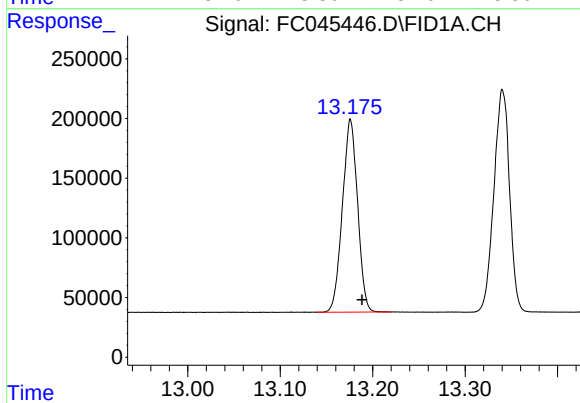
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: -0.012 min
Response: 2184729
Conc: 21.30 ug/ml



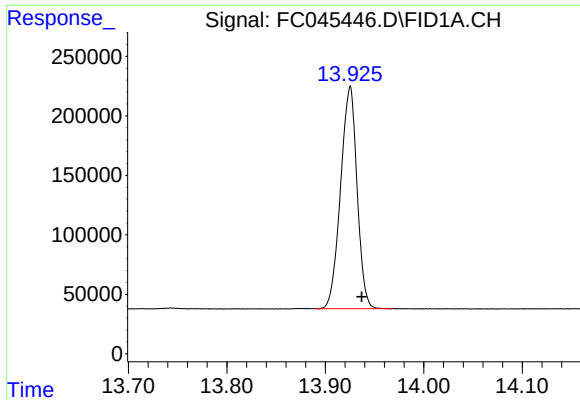
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: -0.012 min
Response: 2193001
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

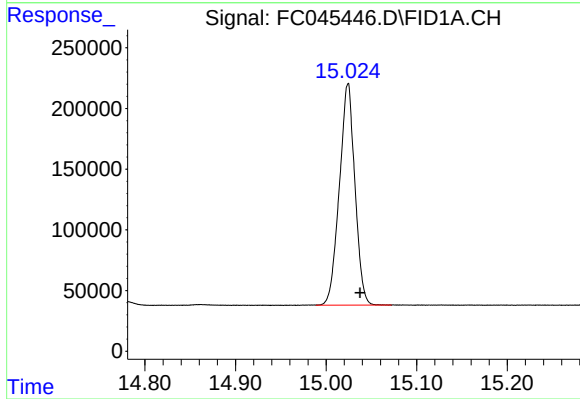
R.T.: 13.176 min
Delta R.T.: -0.012 min
Response: 1844143
Conc: 21.21 ug/ml



#13 n-Docosane (C22)

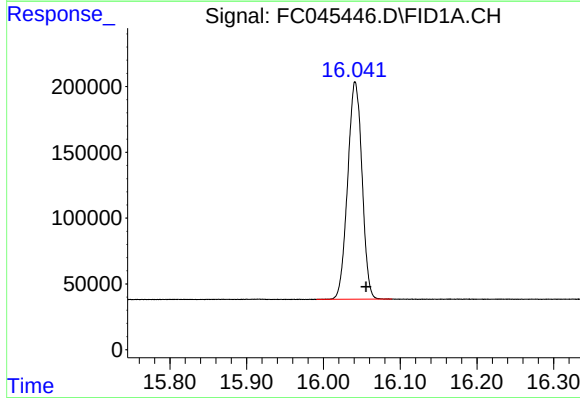
R.T.: 13.925 min
Delta R.T.: -0.012 min
Response: 2175807
Conc: 21.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



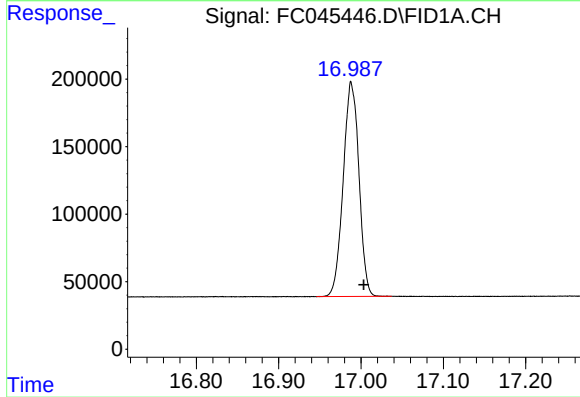
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.013 min
Response: 2174290
Conc: 20.92 ug/ml



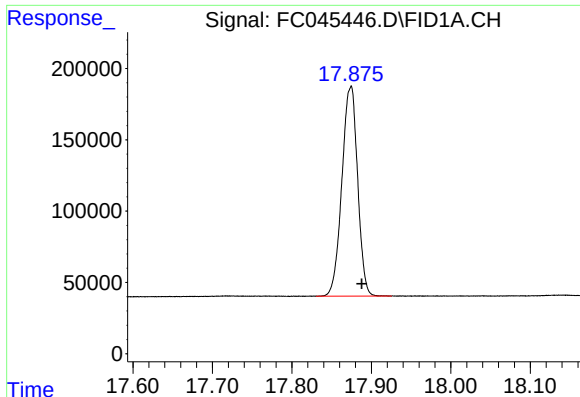
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: -0.014 min
Response: 2143862
Conc: 20.75 ug/ml



#16 n-Octacosane (C28)

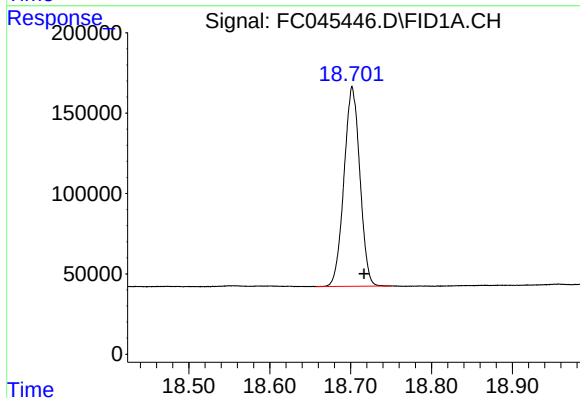
R.T.: 16.988 min
Delta R.T.: -0.015 min
Response: 2108276
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

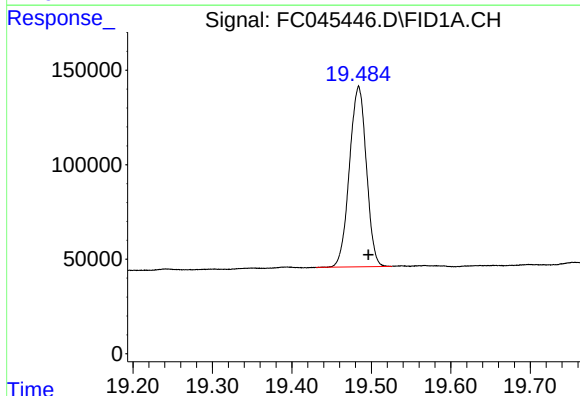
R.T.: 17.874 min
Delta R.T.: -0.014 min
Response: 2023901
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



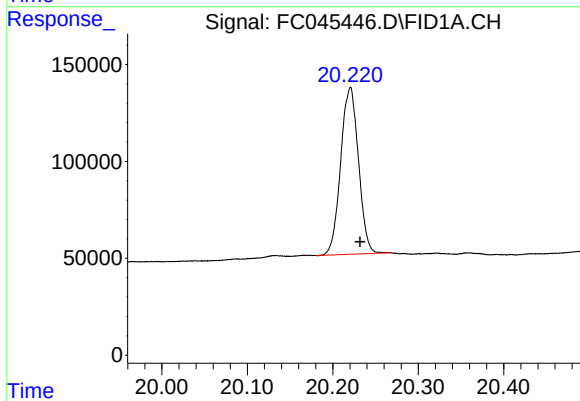
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.015 min
Response: 1696001
Conc: 20.38 ug/ml



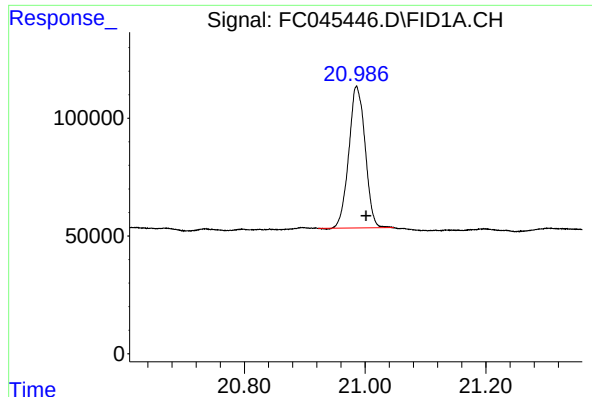
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.012 min
Response: 1411866
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

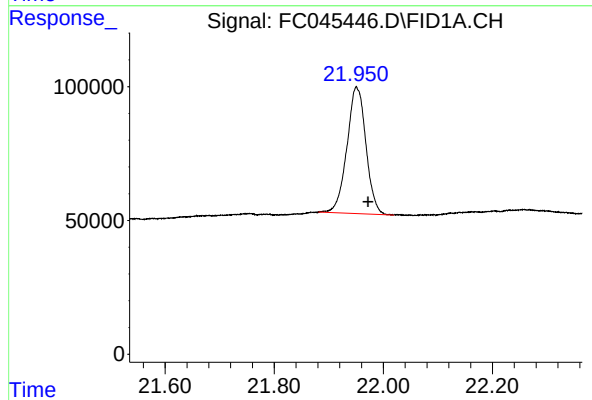
R.T.: 20.221 min
Delta R.T.: -0.011 min
Response: 1245738
Conc: 19.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.016 min
Response: 1129996
Conc: 19.32 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.022 min
Response: 1142000
Conc: 19.36 ug/ml