

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
 Data File : FC047414.D
 Signal(s) : FID1A.CH
 Acq On : 14 May 2020 00:27
 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: May 14 03:50:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.743	2324156	19.442 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	13.157	1864912	19.014 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.549	2154773	21.255 ug/ml
2) T n-Decane (C10)	4.613	2193414	21.464 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2178431	20.921 ug/ml
4) T n-Dodecane (C12)	6.614	2243264	21.238 ug/ml
5) T A~2-methylnaphthalene...	7.258	2190436	20.859 ug/ml
6) T n-Tetradecane (C14)	8.392	2224033	21.026 ug/ml
7) T n-Hexadecane (C16)	9.980	2159516	20.410 ug/ml
8) T n-Octadecane (C18)	11.410	2227987	19.897 ug/ml
10) T n-Eicosane (C20)	12.710	2205050	19.379 ug/ml
11) T n-Heneicosane (C21)	13.319	2177117	19.150 ug/ml
13) T n-Docosane (C22)	13.901	2147898	18.902 ug/ml
14) T n-Tetracosane (C24)	14.996	2091927	18.489 ug/ml
15) T n-Hexacosane (C26)	16.011	2021970	18.053 ug/ml
16) T n-Octacosane (C28)	16.956	1984729	17.794 ug/ml
17) T n-Tricontane (C30)	17.836	1922559	17.781 ug/ml
18) T n-Dotriacontane (C32)	18.664	1805249	18.306 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1642078	17.902 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1597497	18.421 ug/ml
21) T n-Octatriacontane (C38)	20.935	1589684	19.702 ug/ml
22) T n-Tetracontane (C40)	21.878	1737548	21.366 ug/ml

(f)=RT Delta > 1/2 Window

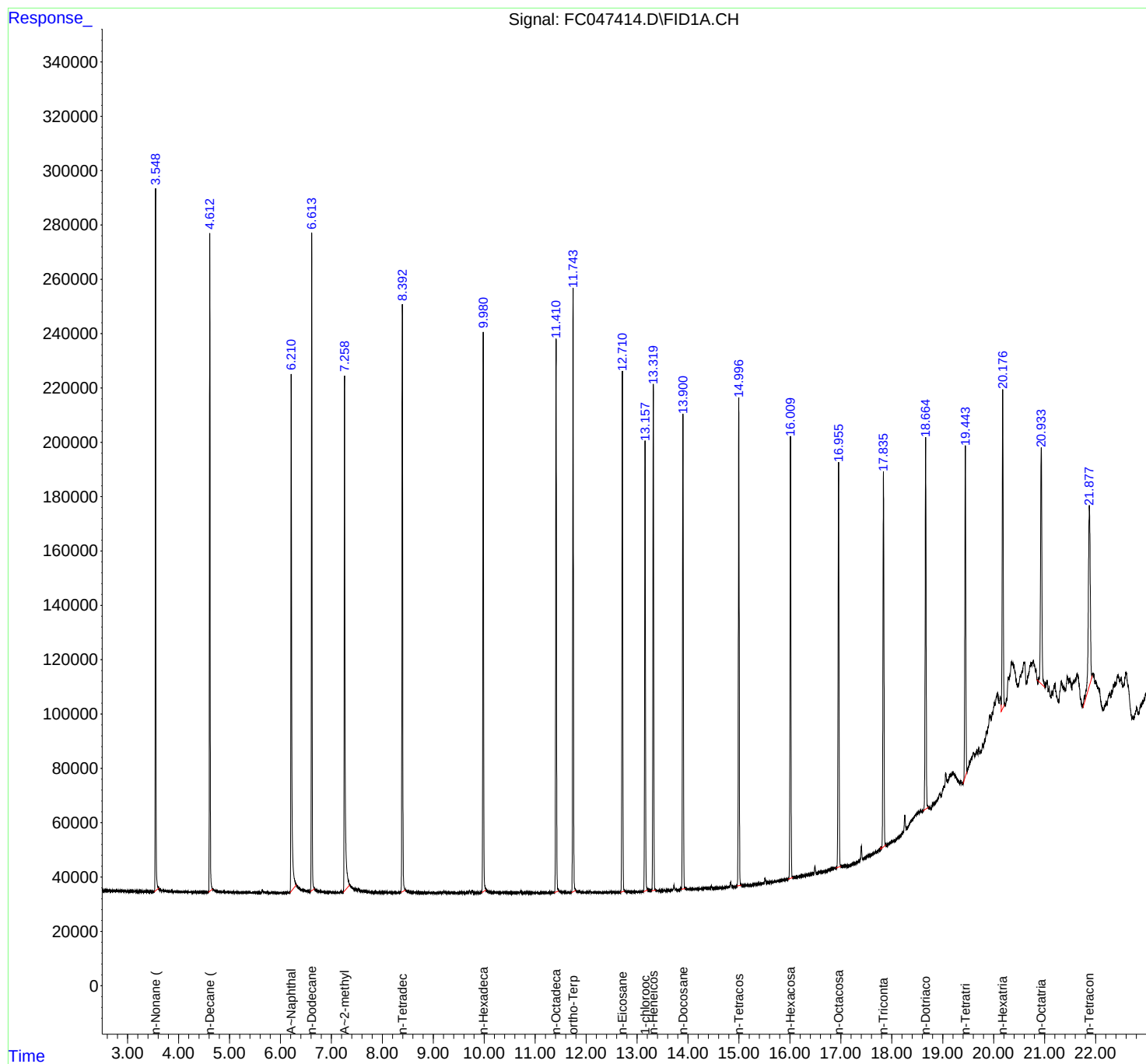
(m)=manual int.

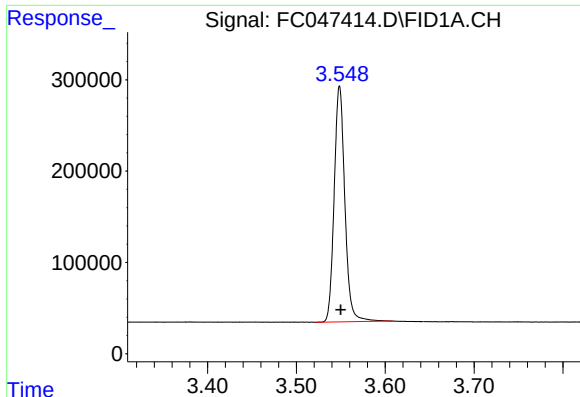
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051320AL\
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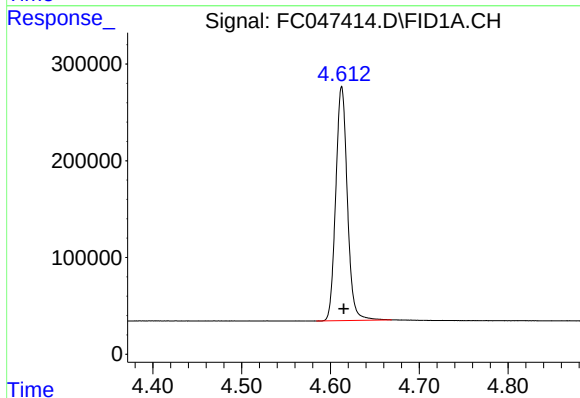




#1 n-Nonane (C9)

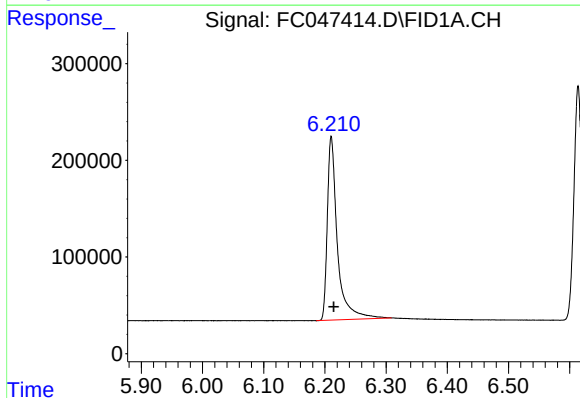
R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 2154773
Conc: 21.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



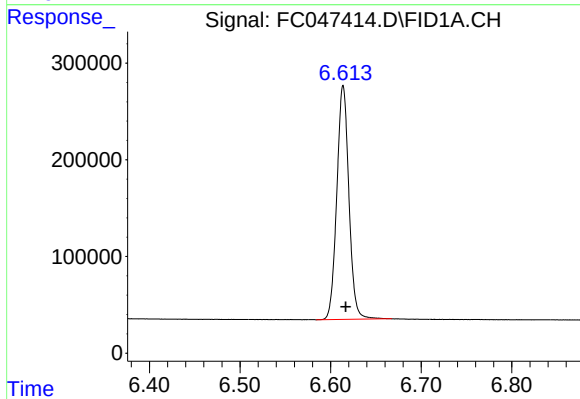
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 2193414
Conc: 21.46 ug/ml



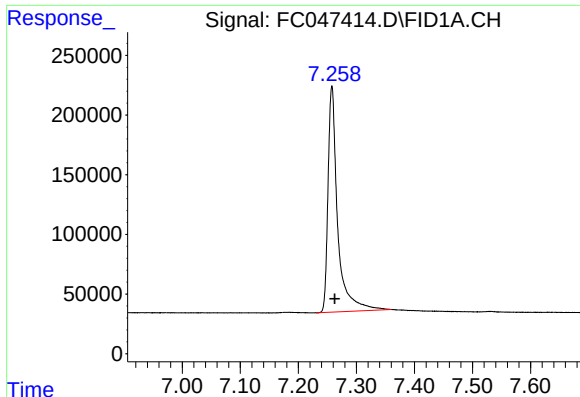
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 2178431
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

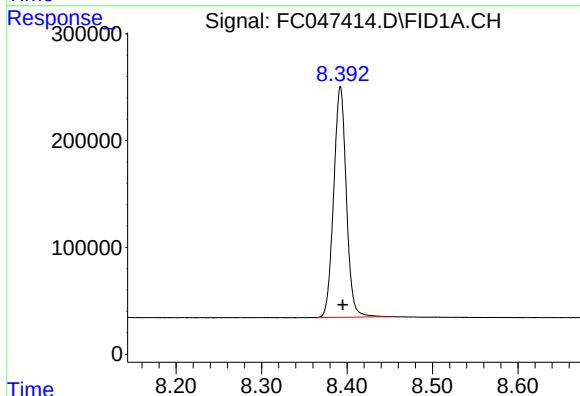
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2243264
Conc: 21.24 ug/ml



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

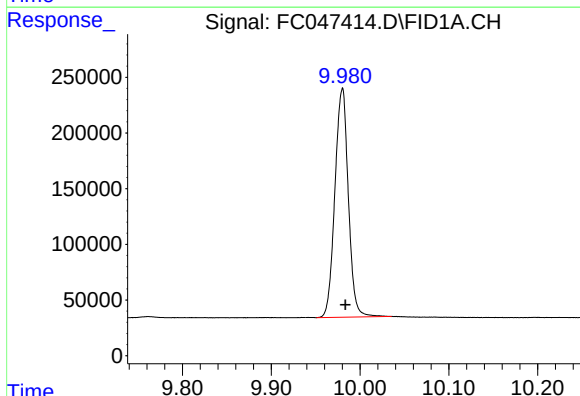
R.T.: 7.258 min
Delta R.T.: -0.005 min
Response: 2190436
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



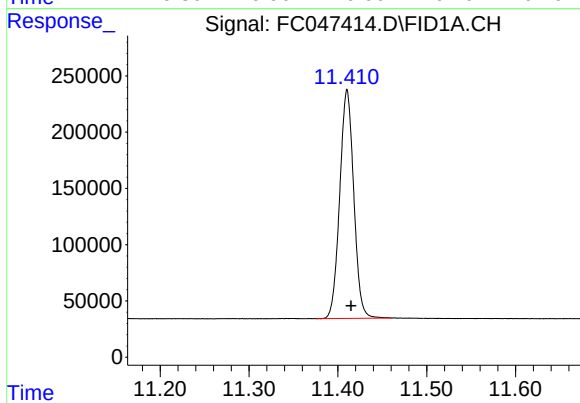
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.003 min
Response: 2224033
Conc: 21.03 ug/ml



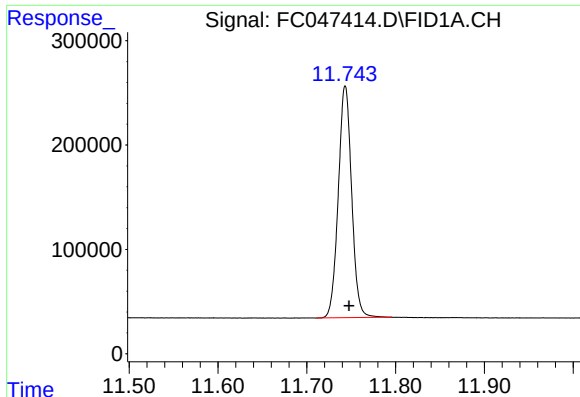
#7 n-Hexadecane (C16)

R.T.: 9.980 min
Delta R.T.: -0.003 min
Response: 2159516
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

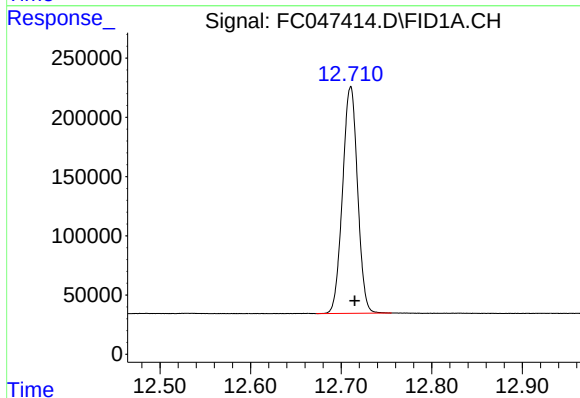
R.T.: 11.410 min
Delta R.T.: -0.005 min
Response: 2227987
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

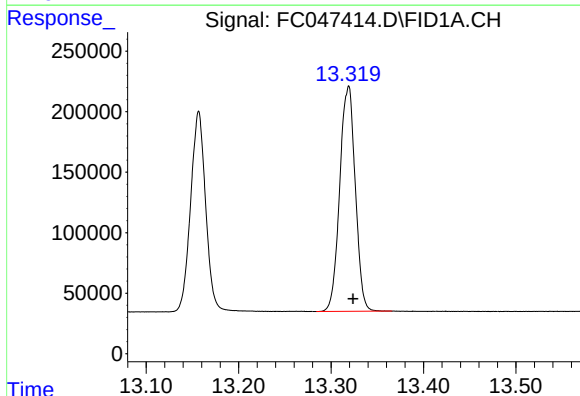
R.T.: 11.743 min
Delta R.T.: -0.004 min
Response: 2324156
Conc: 19.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



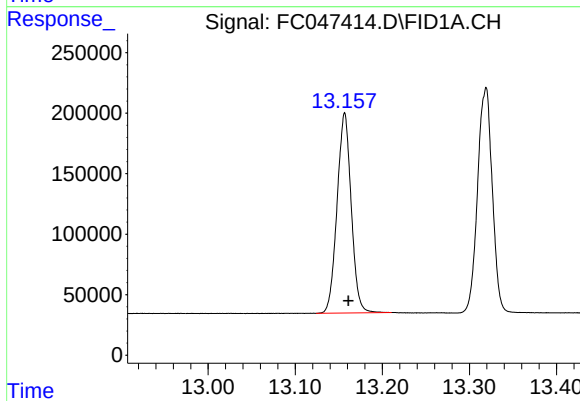
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2205050
Conc: 19.38 ug/ml



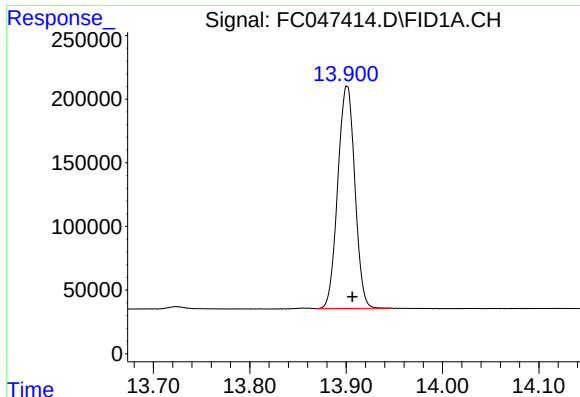
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: -0.005 min
Response: 2177117
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

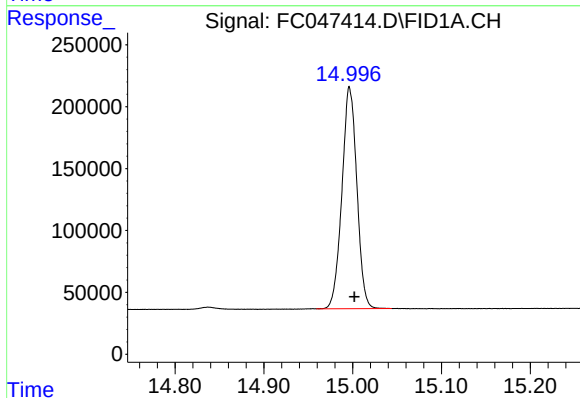
R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 1864912
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

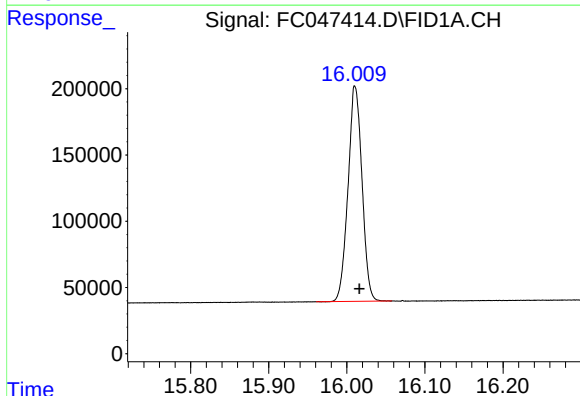
R.T.: 13.901 min
Delta R.T.: -0.005 min
Response: 2147898
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



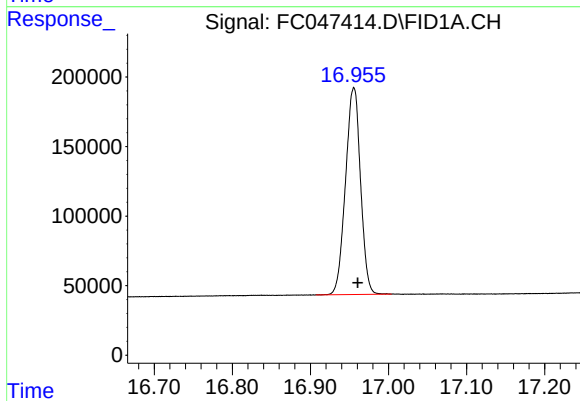
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.006 min
Response: 2091927
Conc: 18.49 ug/ml



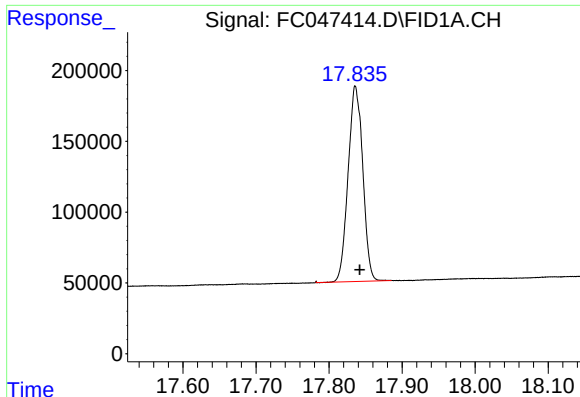
#15 n-Hexacosane (C26)

R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 2021970
Conc: 18.05 ug/ml



#16 n-Octacosane (C28)

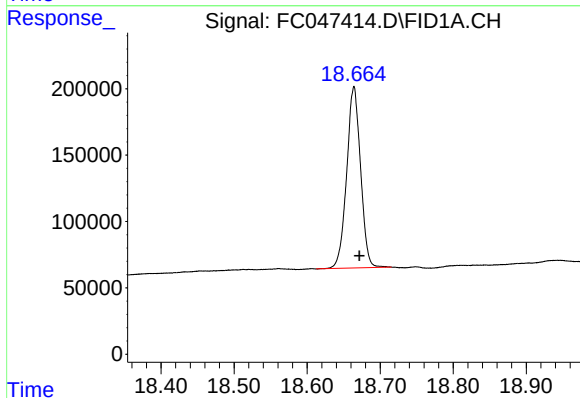
R.T.: 16.956 min
Delta R.T.: -0.005 min
Response: 1984729
Conc: 17.79 ug/ml



#17 n-Tricontane (C30)

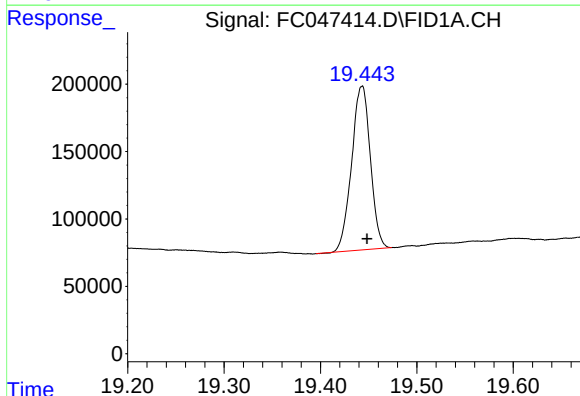
R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 1922559
Conc: 17.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



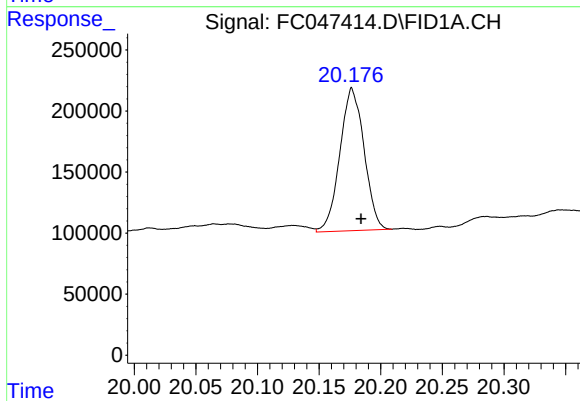
#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: -0.007 min
Response: 1805249
Conc: 18.31 ug/ml



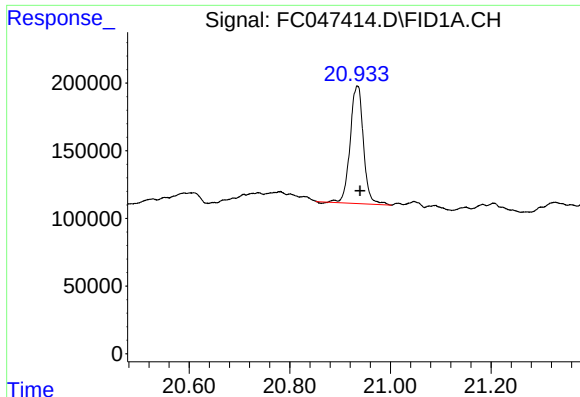
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: -0.005 min
Response: 1642078
Conc: 17.90 ug/ml



#20 n-Hexatriacontane (C36)

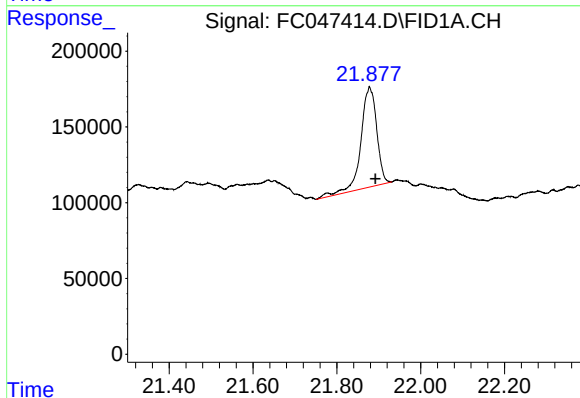
R.T.: 20.177 min
Delta R.T.: -0.008 min
Response: 1597497
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: -0.005 min
Response: 1589684
Conc: 19.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.878 min
Delta R.T.: -0.014 min
Response: 1737548
Conc: 21.37 ug/ml