

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
 Data File : FC053569.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2021 12:52
 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 07 13:16:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.531	2839956	20.513 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
12) S 1-chlorooctadecane (S...	12.972	2255784	20.225 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.290	2445309	20.703 ug/ml
2) T n-Decane (C10)	4.355	2466956	20.833 ug/ml
3) T A~Naphthalene (C11.7)	5.938	2736909	21.005 ug/ml
4) T n-Dodecane (C12)	6.374	2549651	21.071 ug/ml
5) T A~2-methylnaphthalene...	6.996	2818754	21.320 ug/ml
6) T n-Tetradecane (C14)	8.171	2563682	21.045 ug/ml
7) T n-Hexadecane (C16)	9.773	2564032	20.935 ug/ml
8) T n-Octadecane (C18)	11.217	2687201	20.634 ug/ml
10) T n-Eicosane (C20)	12.528	2705666	20.441 ug/ml
11) T n-Heneicosane (C21)	13.140	2691769	20.268 ug/ml
13) T n-Docosane (C22)	13.728	2681727	20.161 ug/ml
14) T n-Tetracosane (C24)	14.832	2629131	19.696 ug/ml
15) T n-Hexacosane (C26)	15.853	2535249	19.176 ug/ml
16) T n-Octacosane (C28)	16.805	2429680	18.561 ug/ml
17) T n-Tricontane (C30)	17.693	2330899	17.871 ug/ml
18) T n-Dotriacontane (C32)	18.526	2191765	17.370 ug/ml
19) T n-Tetratriacontane (C34)	19.309	2068190	16.975 ug/ml
20) T n-Hexatriacontane (C36)	20.049	1966836	16.822 ug/ml
21) T n-Octatriacontane (C38)	20.779	1835102	17.839 ug/ml
22) T n-Tetracontane (C40)	21.674	1908979	19.158 ug/ml

(f)=RT Delta > 1/2 Window

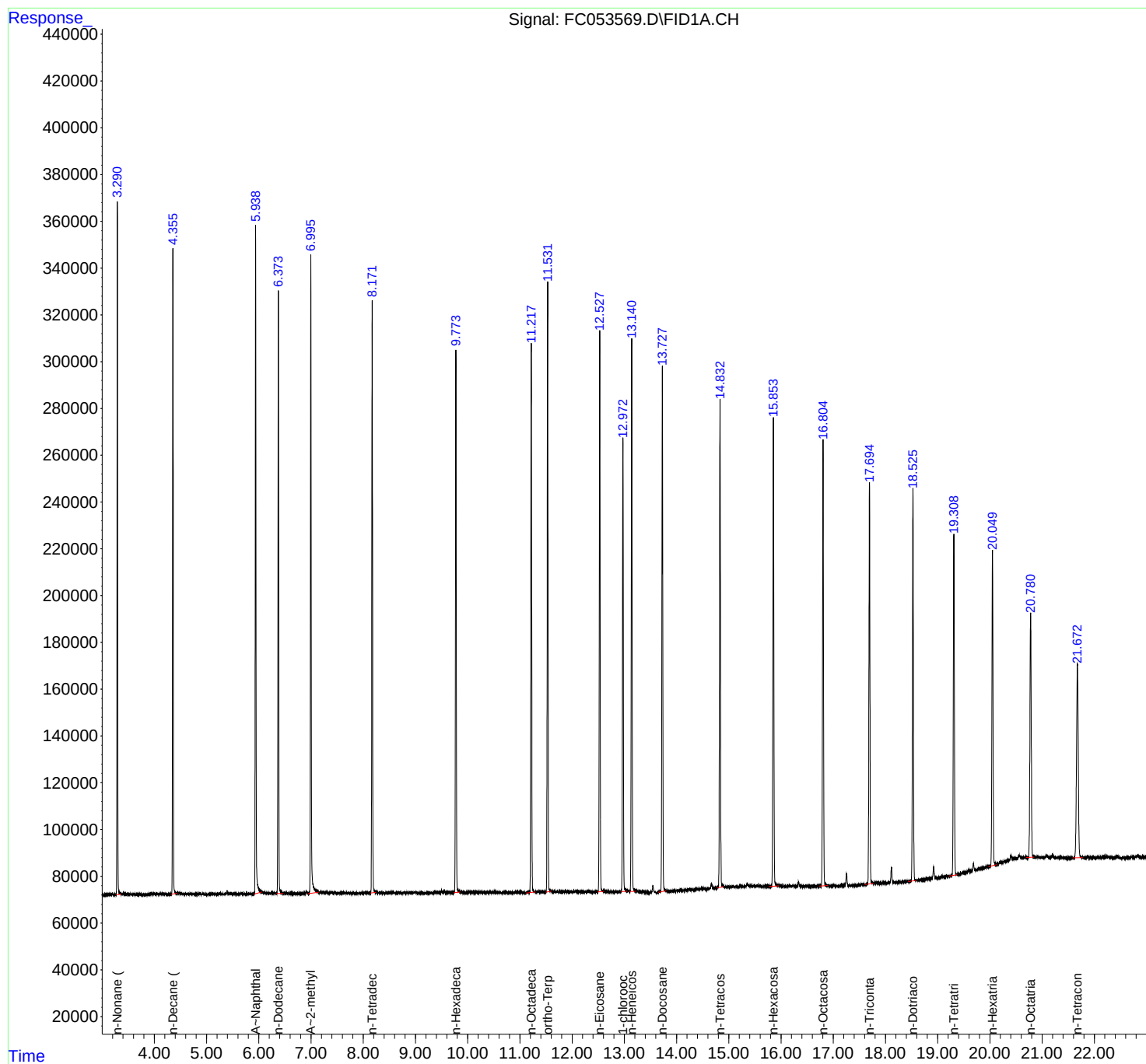
(m)=manual int.

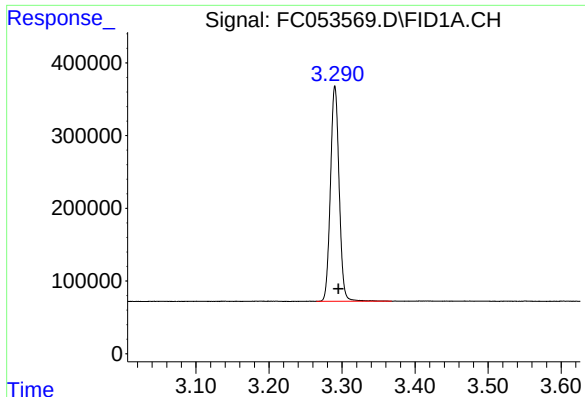
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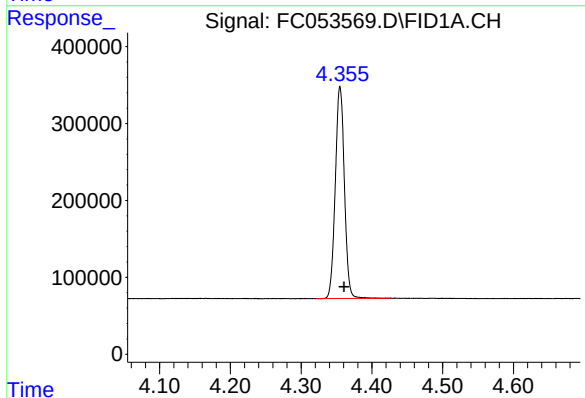




#1 n-Nonane (C9)

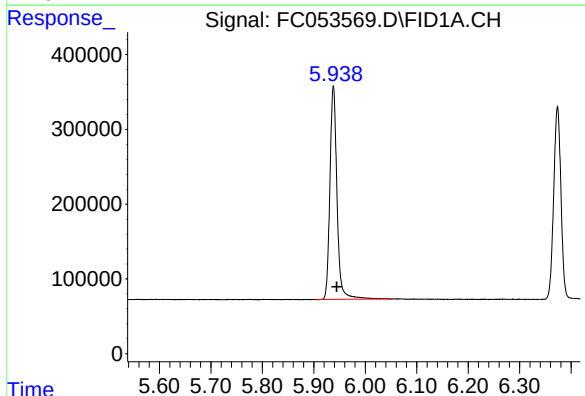
R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2445309
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



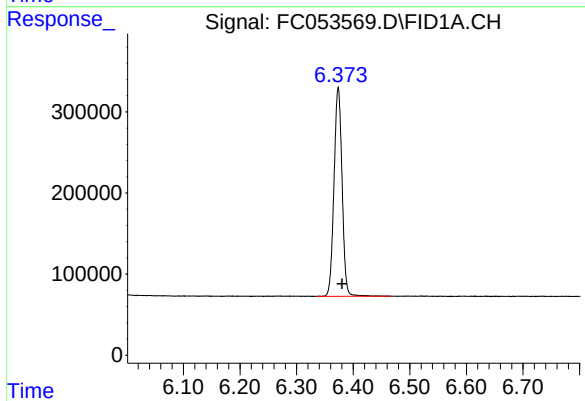
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2466956
Conc: 20.83 ug/ml



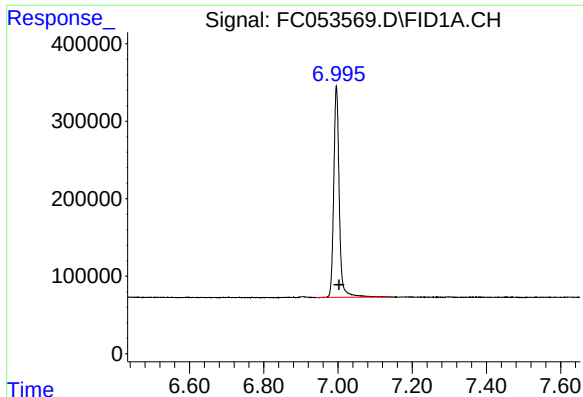
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 2736909
Conc: 21.00 ug/ml



#4 n-Dodecane (C12)

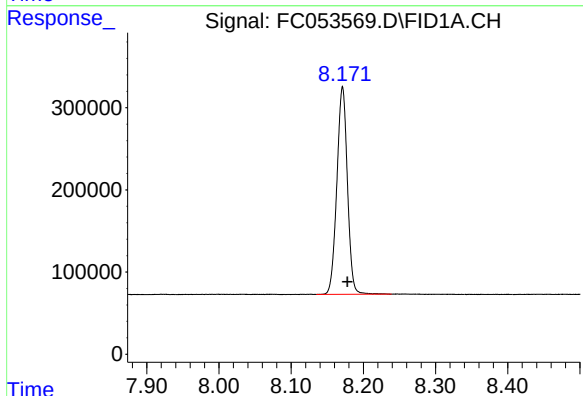
R.T.: 6.374 min
Delta R.T.: -0.007 min
Response: 2549651
Conc: 21.07 ug/ml



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

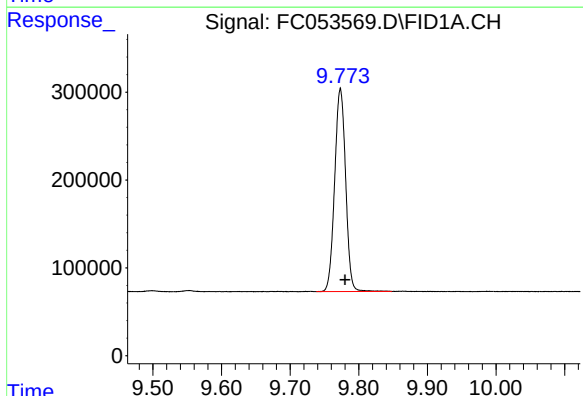
R.T.: 6.996 min
Delta R.T.: -0.007 min
Response: 2818754
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



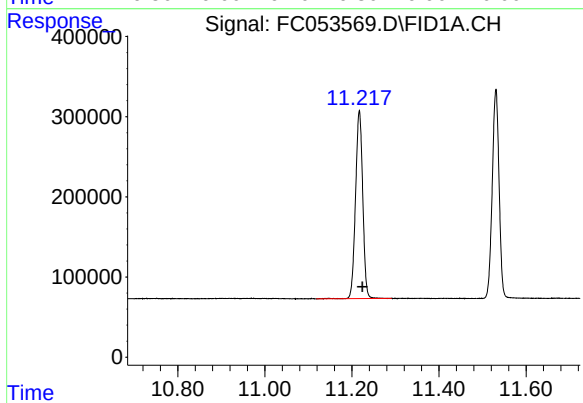
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 2563682
Conc: 21.05 ug/ml



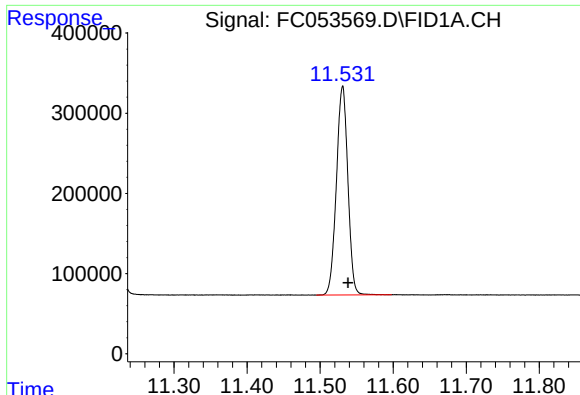
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.007 min
Response: 2564032
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

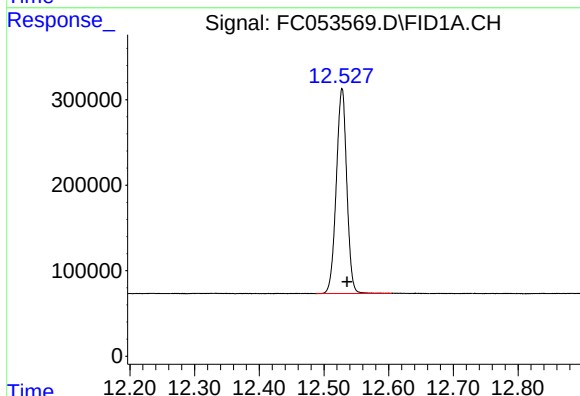
R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2687201
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

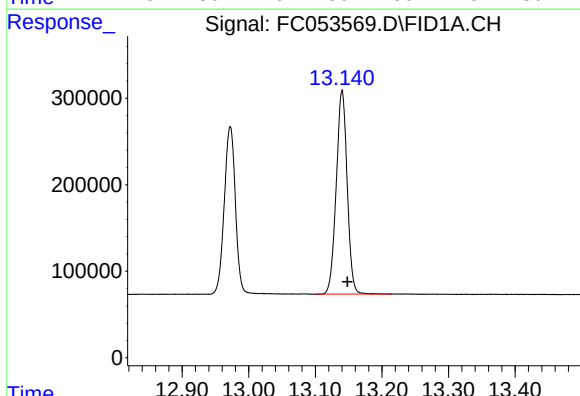
R.T.: 11.531 min
Delta R.T.: -0.008 min
Response: 2839956
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



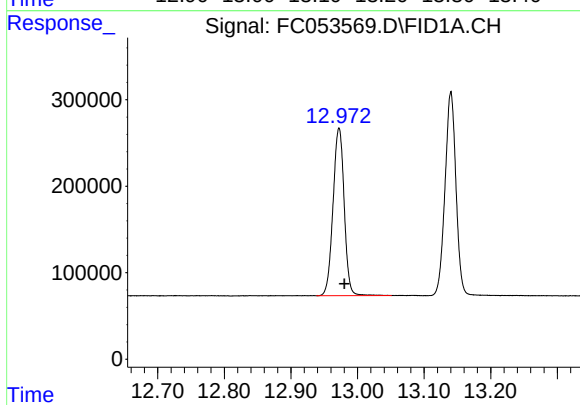
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.008 min
Response: 2705666
Conc: 20.44 ug/ml



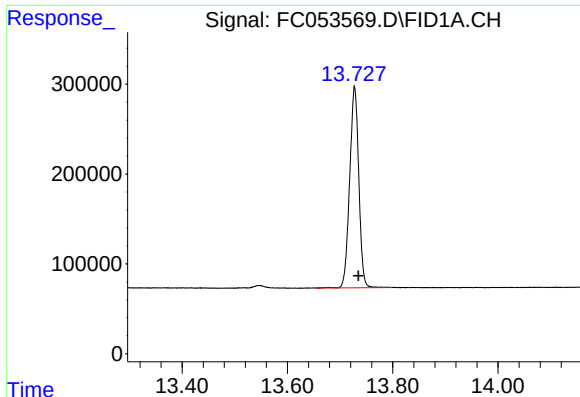
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.008 min
Response: 2691769
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

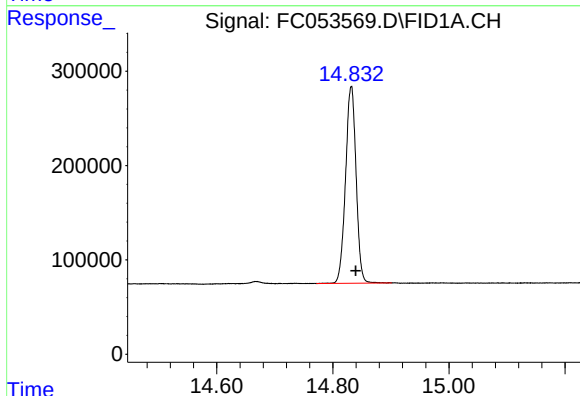
R.T.: 12.972 min
Delta R.T.: -0.008 min
Response: 2255784
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

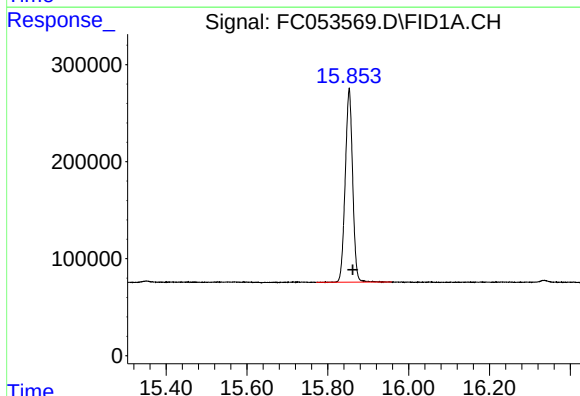
R.T.: 13.728 min
Delta R.T.: -0.007 min
Response: 2681727
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



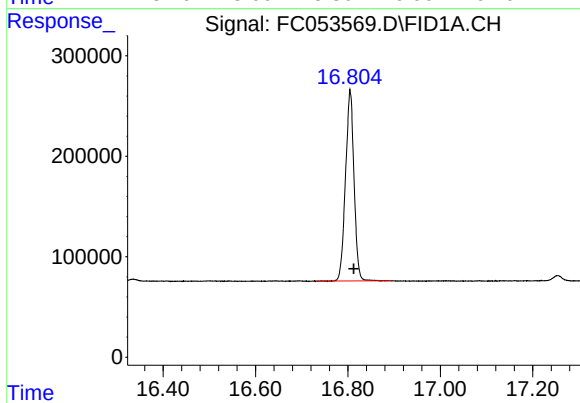
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.008 min
Response: 2629131
Conc: 19.70 ug/ml



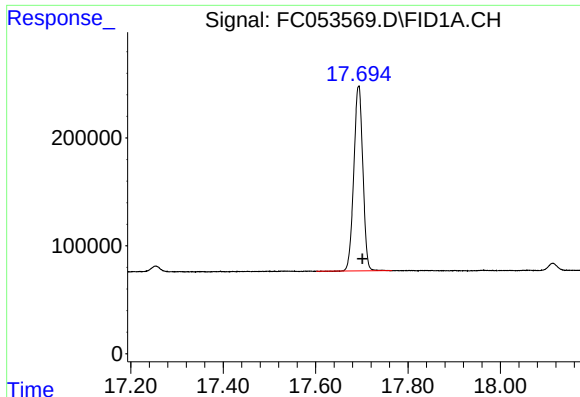
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.009 min
Response: 2535249
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

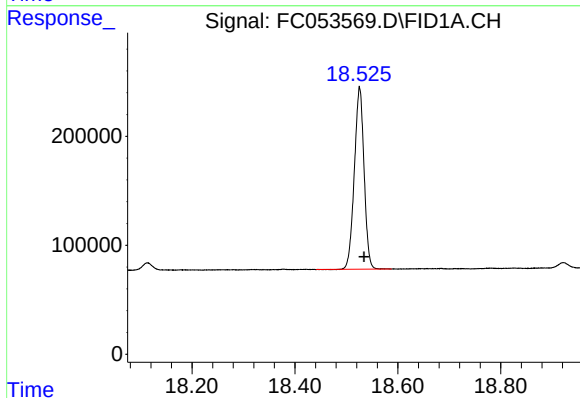
R.T.: 16.805 min
Delta R.T.: -0.008 min
Response: 2429680
Conc: 18.56 ug/ml



#17 n-Tricontane (C30)

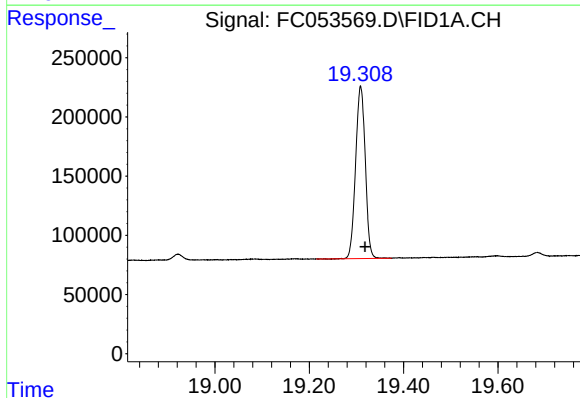
R.T.: 17.693 min
Delta R.T.: -0.008 min
Response: 2330899
Conc: 17.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



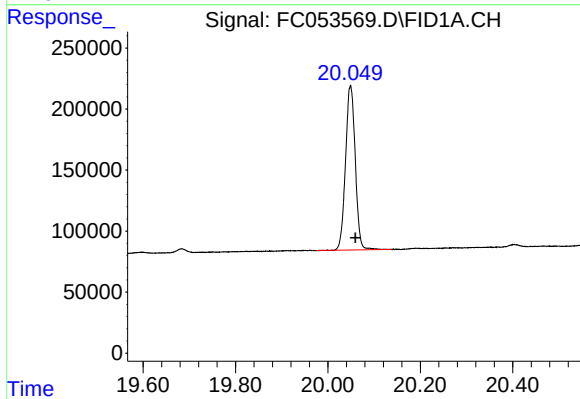
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.009 min
Response: 2191765
Conc: 17.37 ug/ml



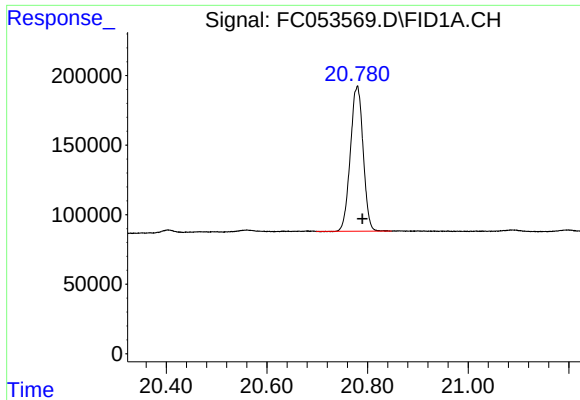
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.009 min
Response: 2068190
Conc: 16.97 ug/ml



#20 n-Hexatriacontane (C36)

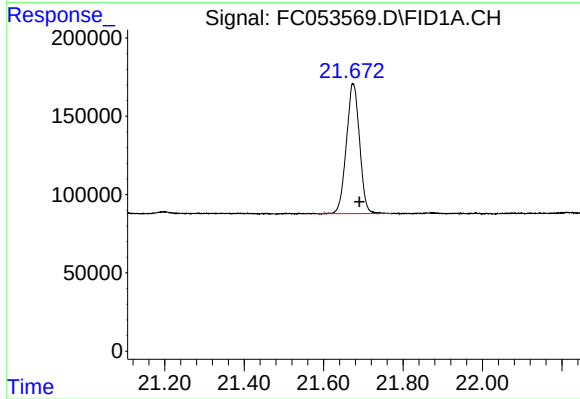
R.T.: 20.049 min
Delta R.T.: -0.011 min
Response: 1966836
Conc: 16.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.011 min
Response: 1835102
Conc: 17.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.674 min
Delta R.T.: -0.016 min
Response: 1908979
Conc: 19.16 ug/ml