

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC055010.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2021 2:18
 Operator : AJ\MA
 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: Aug 05 06:53:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.304	2592875	20.595 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
12) S 1-chlorooctadecane (S...	12.744	2074626	20.933 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T n-Nonane (C9)	3.136	2135810	20.425 ug/ml
2) T n-Decane (C10)	4.186	2163224	20.542 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2310023	21.259 ug/ml
4) T n-Dodecane (C12)	6.189	2256633	20.781 ug/ml
5) T A~2-methylnaphthalene...	6.804	2343986	21.477 ug/ml
6) T n-Tetradecane (C14)	7.973	2331459	20.884 ug/ml
7) T n-Hexadecane (C16)	9.566	2369809	20.778 ug/ml
8) T n-Octadecane (C18)	11.001	2468177	20.930 ug/ml
10) T n-Eicosane (C20)	12.303	2455028	20.911 ug/ml
11) T n-Heneicosane (C21)	12.913	2471717	20.933 ug/ml
13) T n-Docosane (C22)	13.496	2448820	20.967 ug/ml
14) T n-Tetracosane (C24)	14.595	2425742	20.957 ug/ml
15) T n-Hexacosane (C26)	15.611	2330339	20.793 ug/ml
16) T n-Octacosane (C28)	16.557	2245837	20.685 ug/ml
17) T n-Tricontane (C30)	17.442	2173520	20.817 ug/ml
18) T n-Dotriacontane (C32)	18.272	2009698	20.293 ug/ml
19) T n-Tetratriacontane (C34)	19.054	1930179	20.365 ug/ml
20) T n-Hexatriacontane (C36)	19.793	1831115	20.264 ug/ml
21) T n-Octatriacontane (C38)	20.494	1851718	21.431 ug/ml
22) T n-Tetracontane (C40)	21.300	1792394	20.127 ug/ml

(f)=RT Delta > 1/2 Window

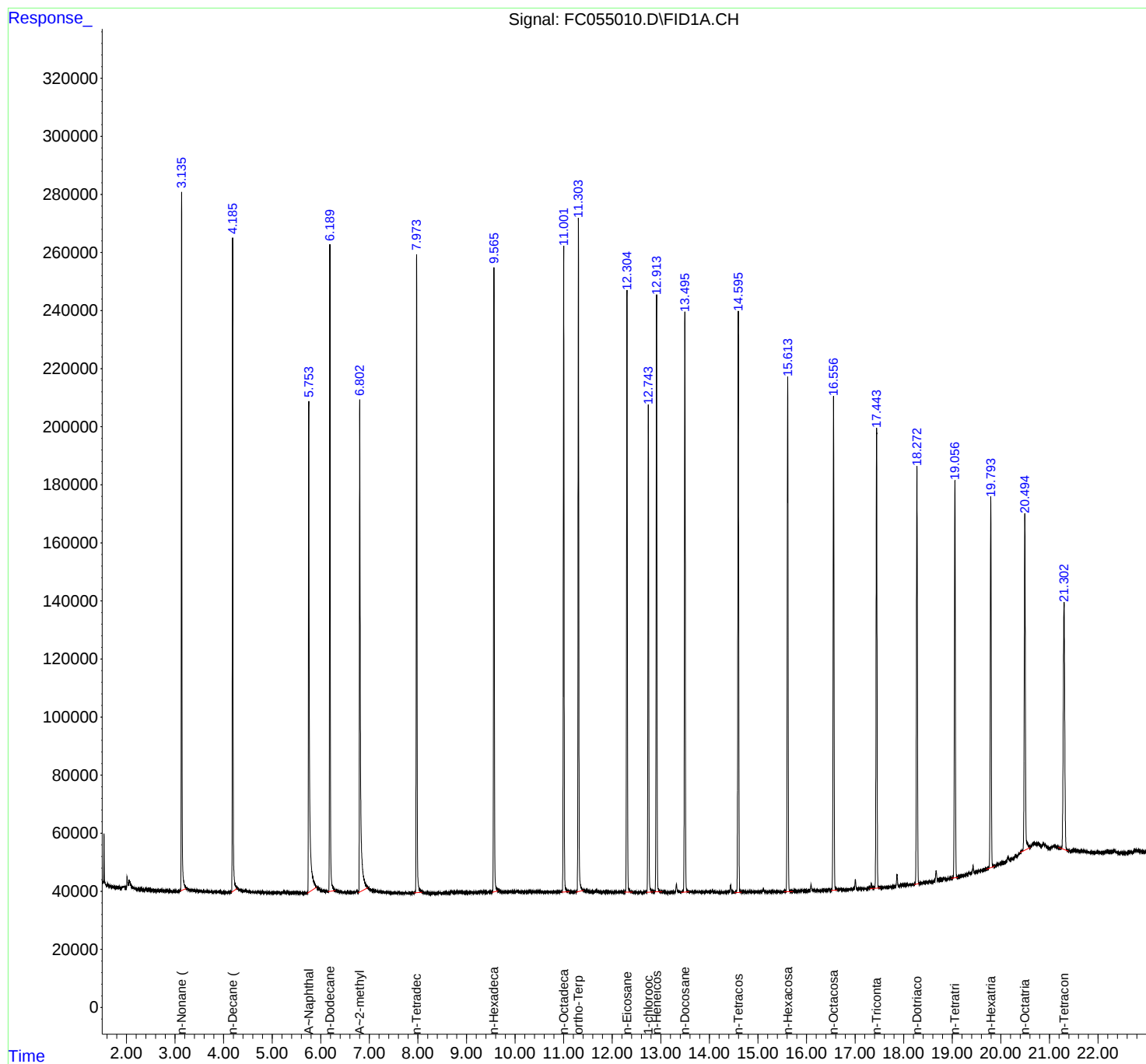
(m)=manual int.

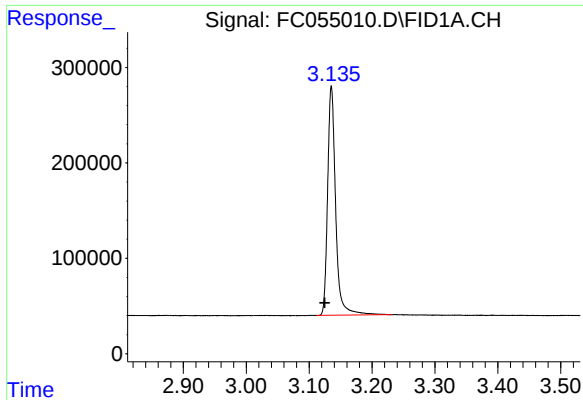
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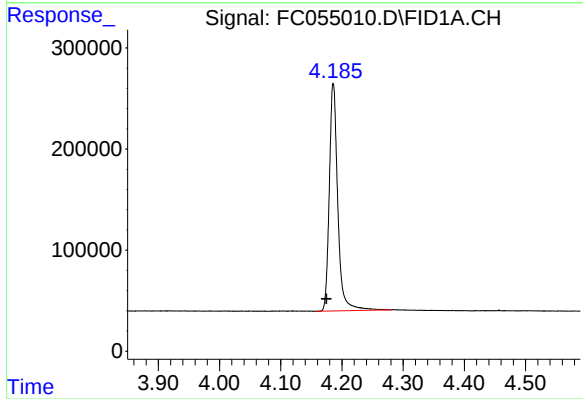




#1 n-Nonane (C9)

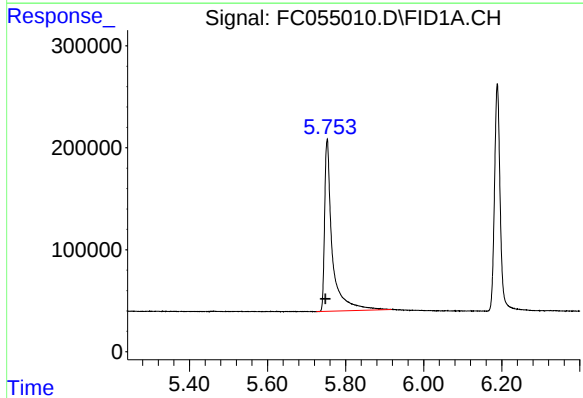
R.T.: 3.136 min
Delta R.T.: 0.011 min
Response: 2135810
Conc: 20.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



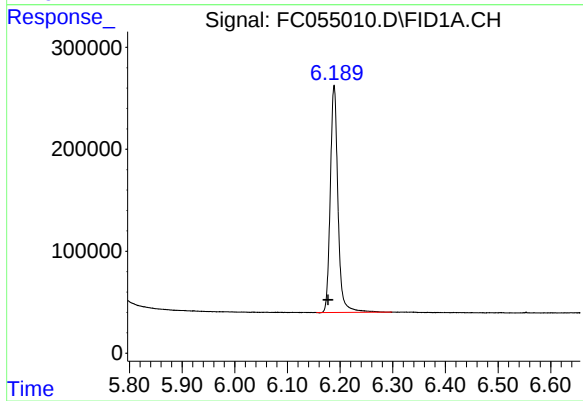
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: 0.011 min
Response: 2163224
Conc: 20.54 ug/ml



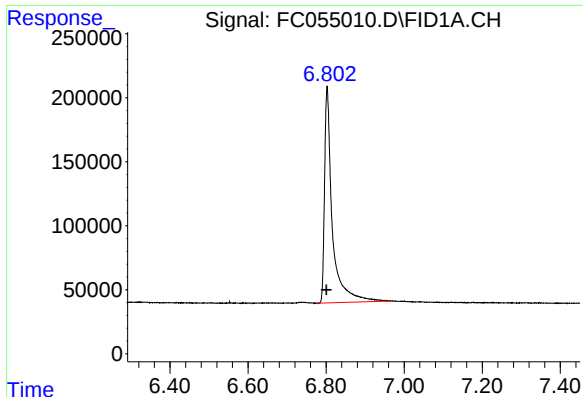
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.004 min
Response: 2310023
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

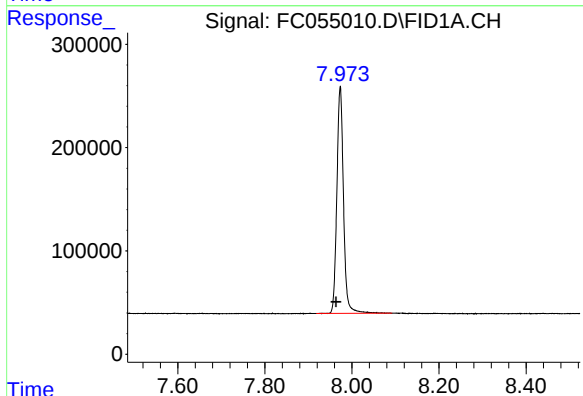
R.T.: 6.189 min
Delta R.T.: 0.012 min
Response: 2256633
Conc: 20.78 ug/ml



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

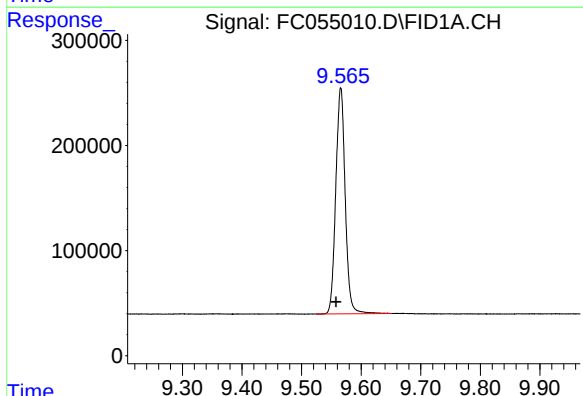
R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2343986
Conc: 21.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



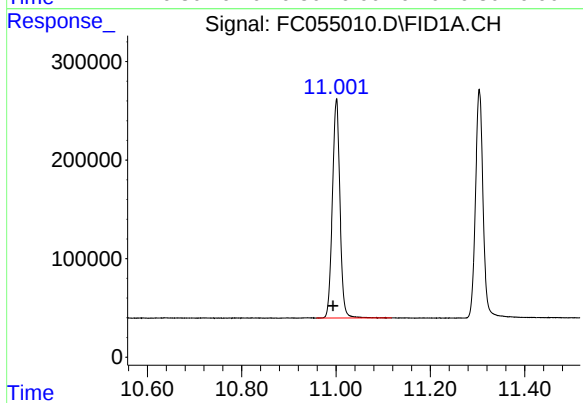
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: 0.009 min
Response: 2331459
Conc: 20.88 ug/ml



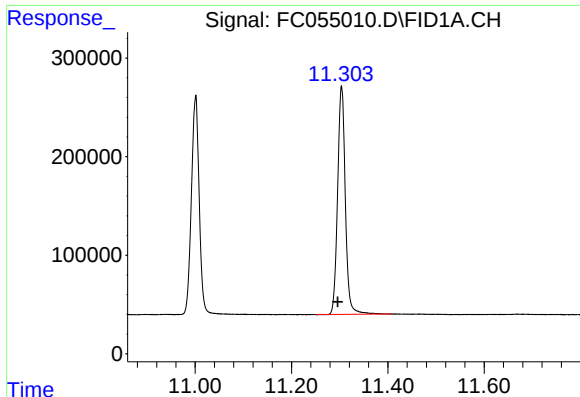
#7 n-Hexadecane (C16)

R.T.: 9.566 min
Delta R.T.: 0.008 min
Response: 2369809
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

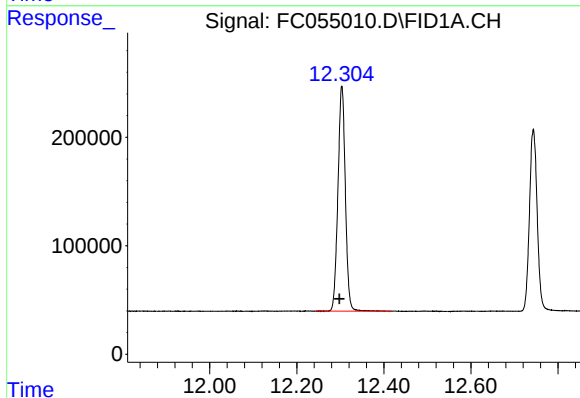
R.T.: 11.001 min
Delta R.T.: 0.007 min
Response: 2468177
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

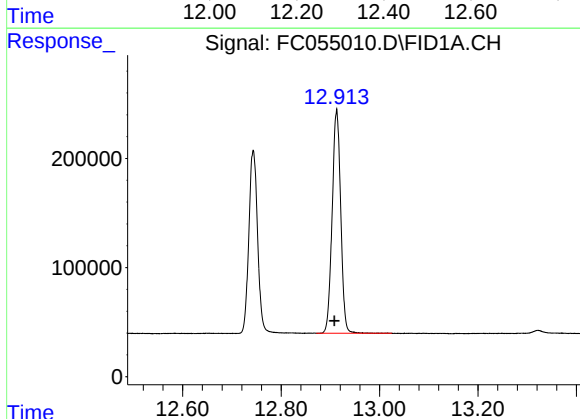
R.T.: 11.304 min
Delta R.T.: 0.008 min
Response: 2592875
Conc: 20.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



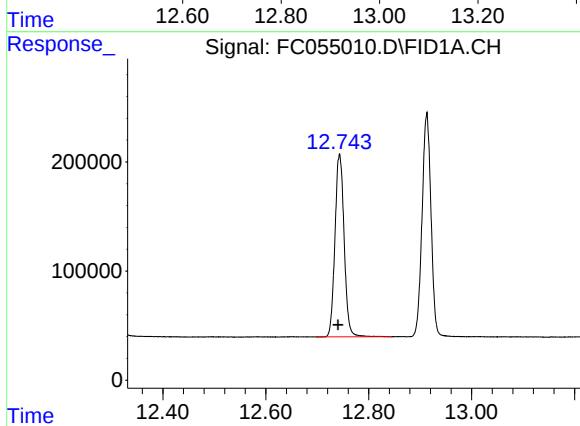
#10 n-Eicosane (C20)

R.T.: 12.303 min
Delta R.T.: 0.006 min
Response: 2455028
Conc: 20.91 ug/ml



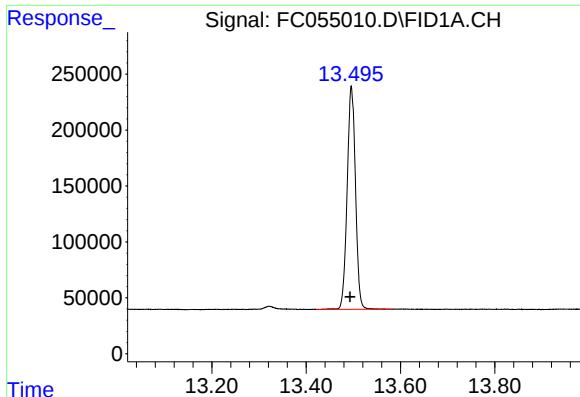
#11 n-Heneicosane (C21)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2471717
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

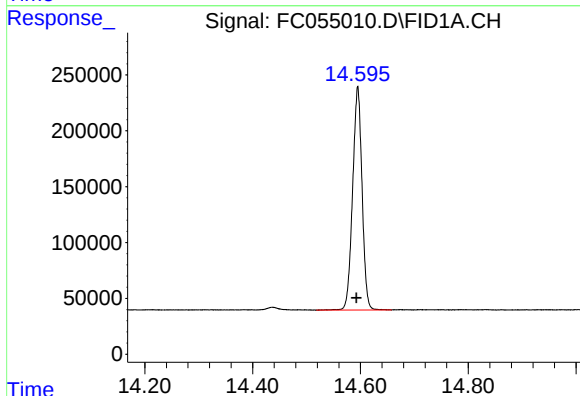
R.T.: 12.744 min
Delta R.T.: 0.003 min
Response: 2074626
Conc: 20.93 ug/ml



#13 n-Docosane (C22)

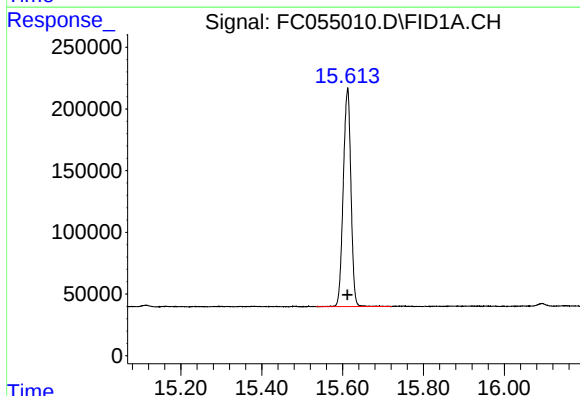
R.T.: 13.496 min
Delta R.T.: 0.003 min
Response: 2448820
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



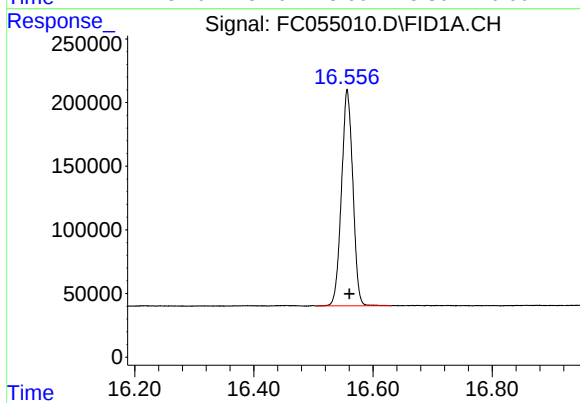
#14 n-Tetracosane (C24)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 2425742
Conc: 20.96 ug/ml



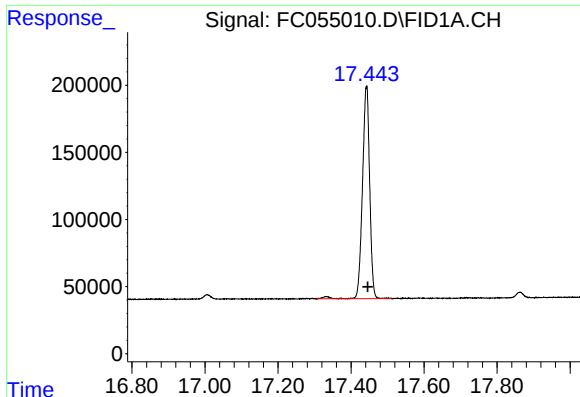
#15 n-Hexacosane (C26)

R.T.: 15.611 min
Delta R.T.: 0.000 min
Response: 2330339
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

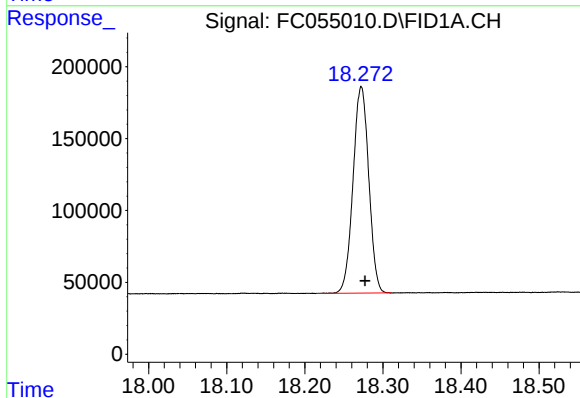
R.T.: 16.557 min
Delta R.T.: -0.004 min
Response: 2245837
Conc: 20.69 ug/ml



#17 n-Tricontane (C30)

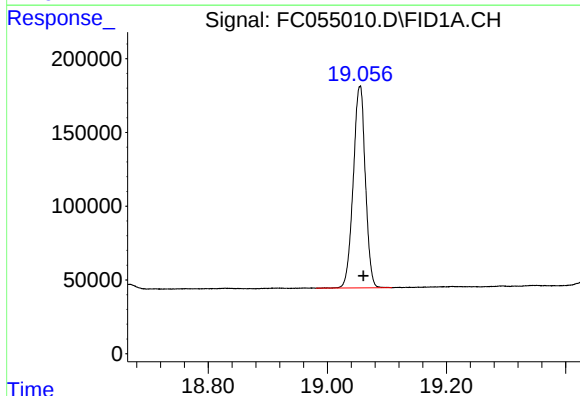
R.T.: 17.442 min
Delta R.T.: -0.004 min
Response: 2173520
Conc: 20.82 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



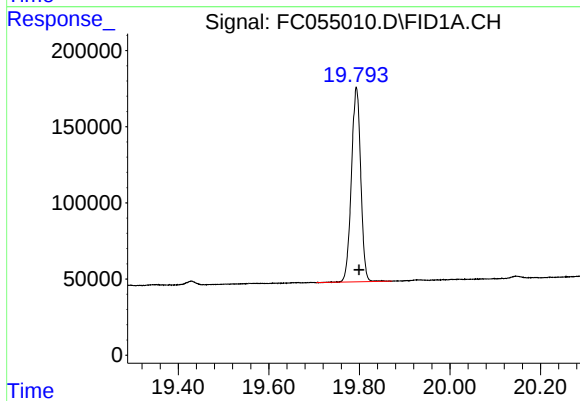
#18 n-Dotriacontane (C32)

R.T.: 18.272 min
Delta R.T.: -0.005 min
Response: 2009698
Conc: 20.29 ug/ml



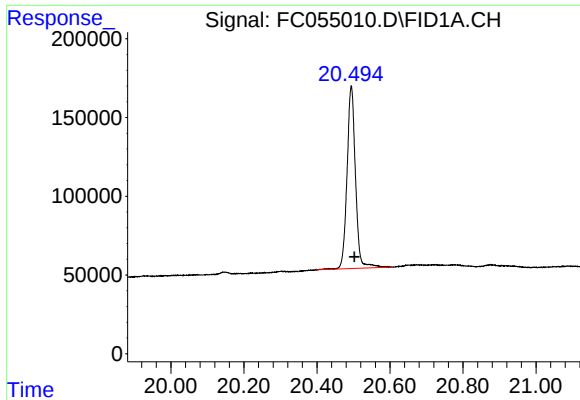
#19 n-Tetratriacontane (C34)

R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 1930179
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

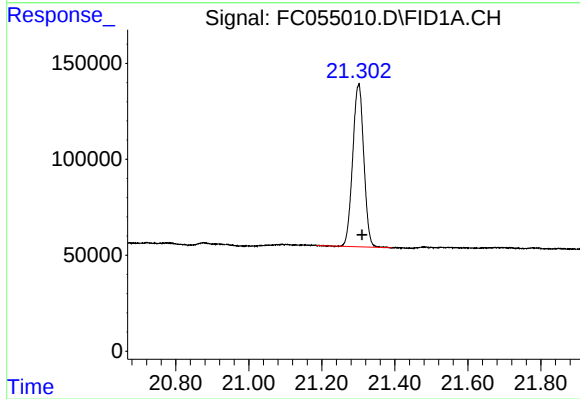
R.T.: 19.793 min
Delta R.T.: -0.006 min
Response: 1831115
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: -0.009 min
Response: 1851718
Conc: 21.43 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.300 min
Delta R.T.: -0.010 min
Response: 1792394
Conc: 20.13 ug/ml