

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020521AL\
 Data File : FC051896.D
 Signal(s) : FID1A.CH
 Acq On : 05 Feb 2021 10:30
 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: Feb 05 22:01:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.700	2227476	17.460 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
12) S 1-chlorooctadecane (S...	13.132	1765077	17.136 ug/ml
Spiked Amount 50.000		Recovery =	34.27%
Target Compounds			
1) T n-Nonane (C9)	3.448	2085411	19.024 ug/ml
2) T n-Decane (C10)	4.518	2112421	19.113 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2371991	19.024 ug/ml
4) T n-Dodecane (C12)	6.539	2158563	19.164 ug/ml
5) T A~2-methylnaphthalene...	7.170	2414015	18.886 ug/ml
6) T n-Tetradecane (C14)	8.334	2166831	19.025 ug/ml
7) T n-Hexadecane (C16)	9.935	2126484	18.719 ug/ml
8) T n-Octadecane (C18)	11.377	2173190	18.230 ug/ml
10) T n-Eicosane (C20)	12.686	2130235	17.610 ug/ml
11) T n-Heneicosane (C21)	13.298	2094033	17.237 ug/ml
13) T n-Docosane (C22)	13.884	2057939	16.922 ug/ml
14) T n-Tetracosane (C24)	14.986	1971989	16.181 ug/ml
15) T n-Hexacosane (C26)	16.007	1864610	15.578 ug/ml
16) T n-Octacosane (C28)	16.957	1781678	15.228 ug/ml
17) T n-Tricontane (C30)	17.844	1731888	15.425 ug/ml
18) T n-Dotriacontane (C32)	18.676	1679118	16.228 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1658814	17.527 ug/ml
20) T n-Hexatriacontane (C36)	20.199	1639979	18.833 ug/ml
21) T n-Octatriacontane (C38)	20.956	1589247	19.364 ug/ml
22) T n-Tetracontane (C40)	21.906	1624217	19.011 ug/ml

(f)=RT Delta > 1/2 Window

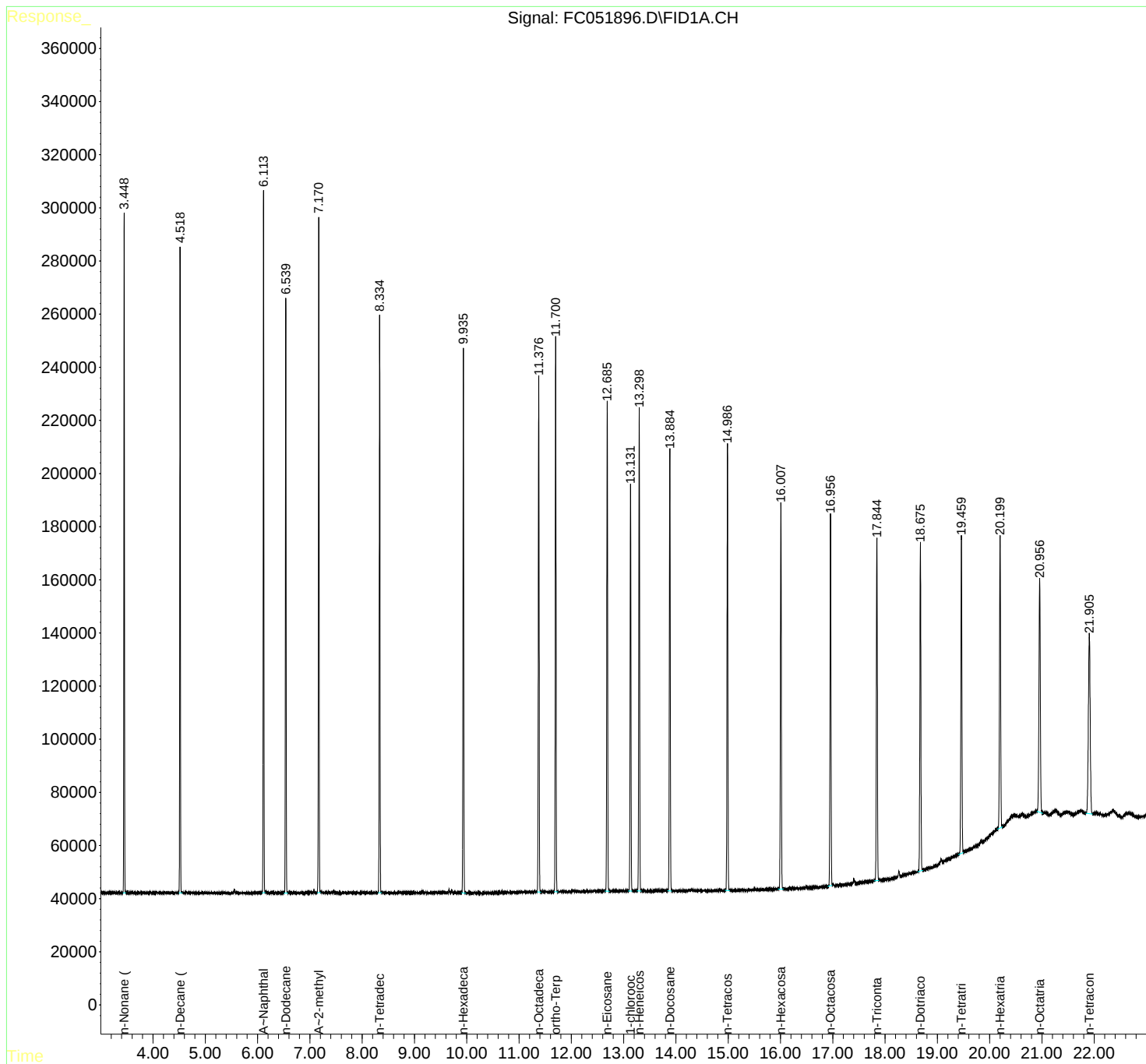
(m)=manual int.

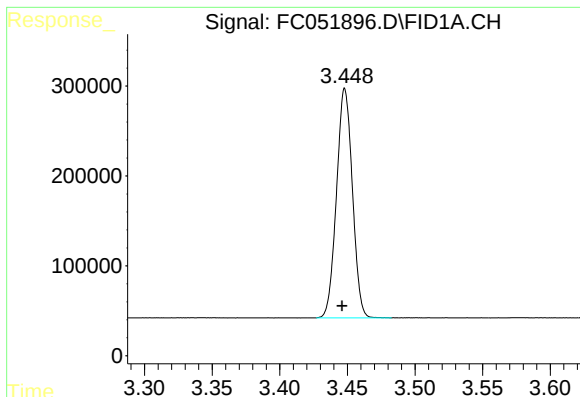
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20 PPM ALIPHATIC HC STD

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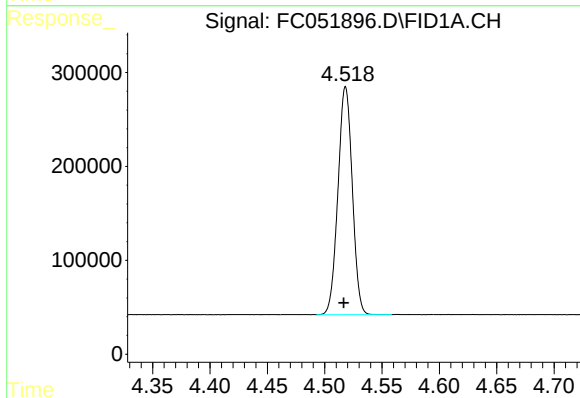




#1 n-Nonane (C9)

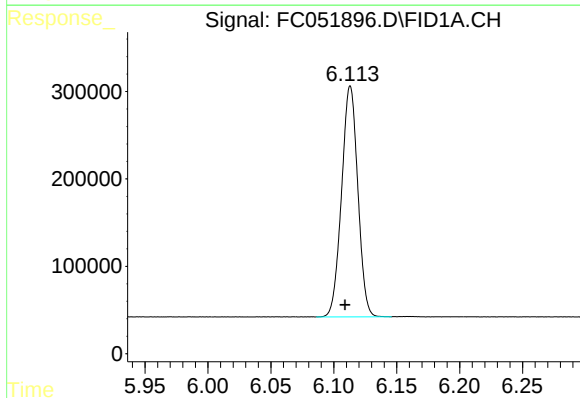
R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2085411
Conc: 19.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



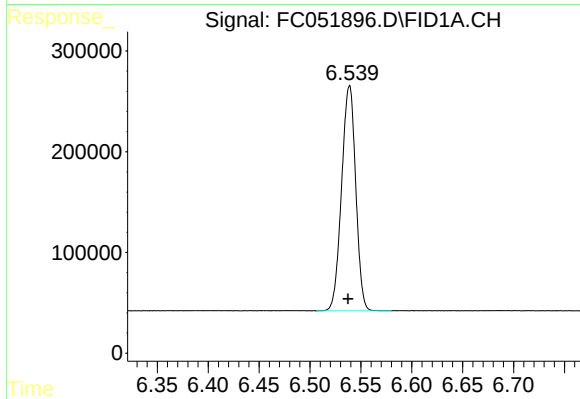
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 2112421
Conc: 19.11 ug/ml



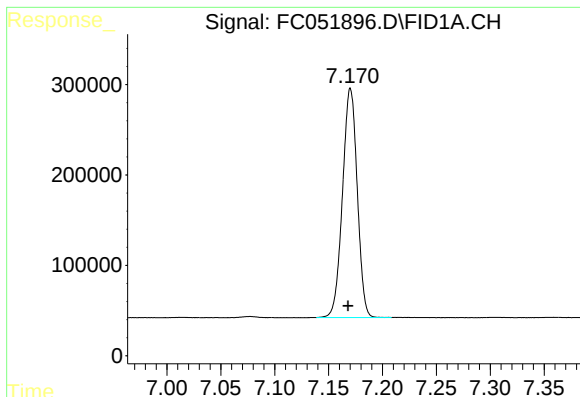
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.004 min
Response: 2371991
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

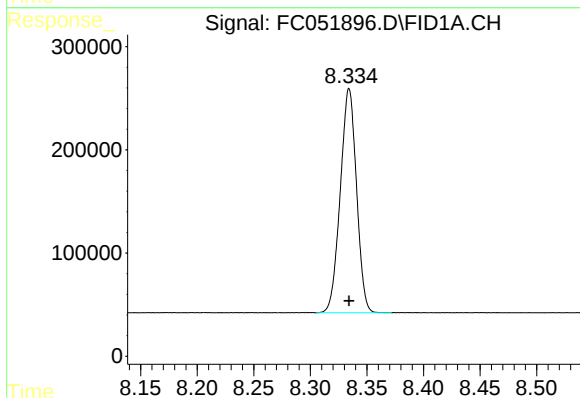
R.T.: 6.539 min
Delta R.T.: 0.002 min
Response: 2158563
Conc: 19.16 ug/ml



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

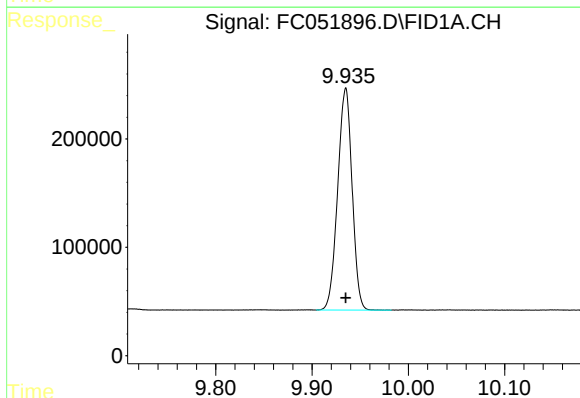
R.T.: 7.170 min
Delta R.T.: 0.002 min
Response: 2414015
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



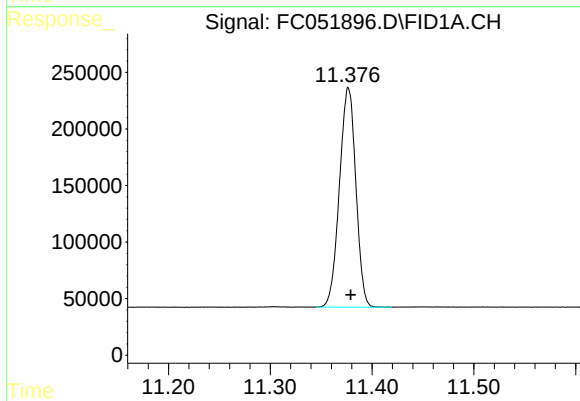
#6 n-Tetradecane (C14)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 2166831
Conc: 19.02 ug/ml



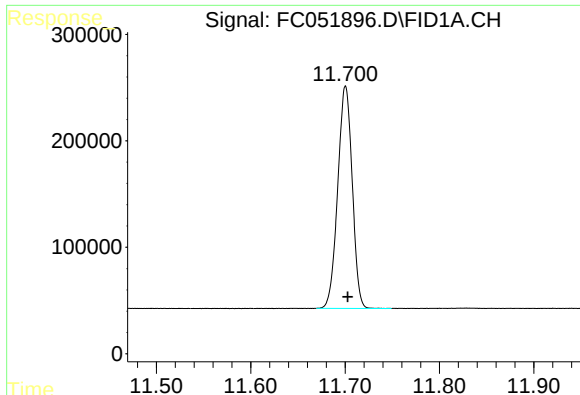
#7 n-Hexadecane (C16)

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 2126484
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

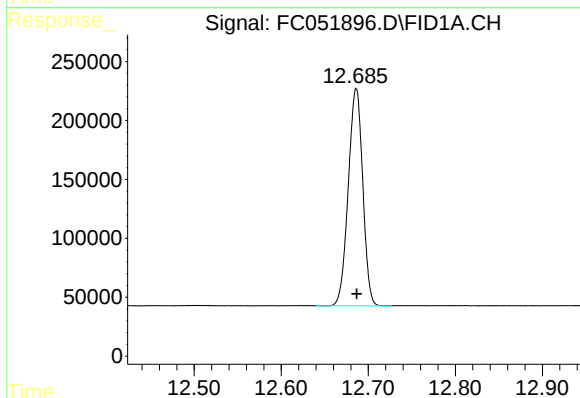
R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 2173190
Conc: 18.23 ug/ml



#9 ortho-Terphenyl (SURR)

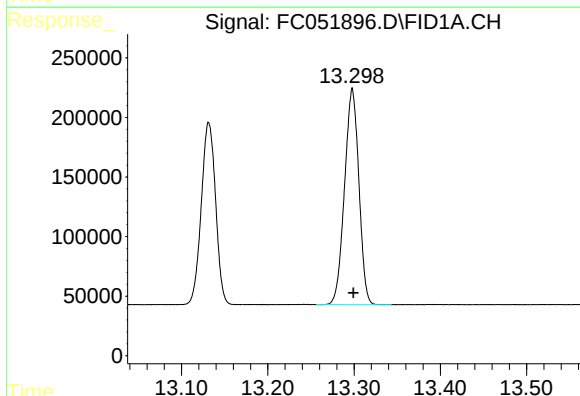
R.T.: 11.700 min
Delta R.T.: -0.002 min
Response: 2227476
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



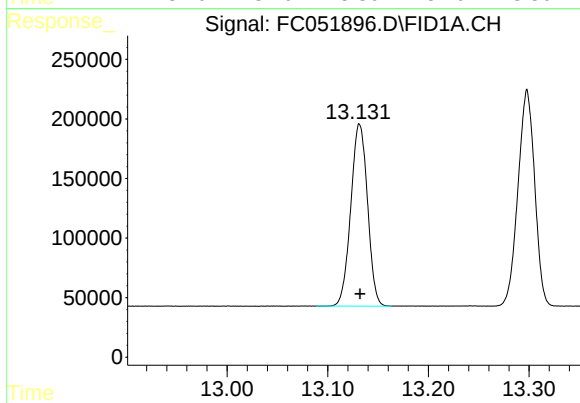
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: 0.000 min
Response: 2130235
Conc: 17.61 ug/ml



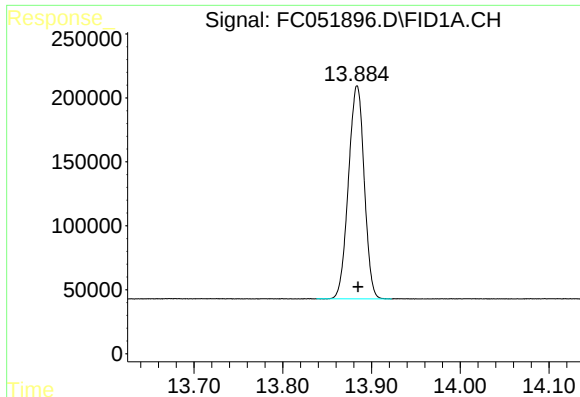
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: -0.001 min
Response: 2094033
Conc: 17.24 ug/ml



#12 1-chlorooctadecane (SURR)

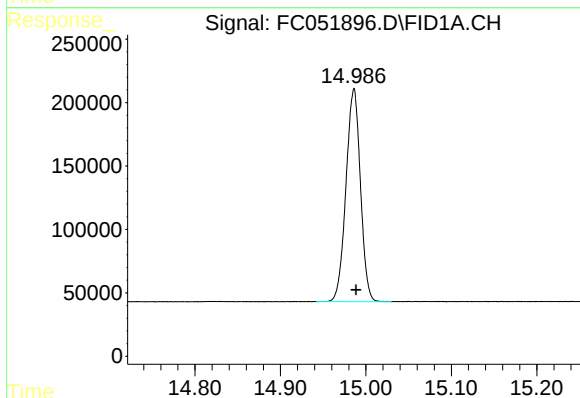
R.T.: 13.132 min
Delta R.T.: 0.000 min
Response: 1765077
Conc: 17.14 ug/ml



#13 n-Docosane (C22)

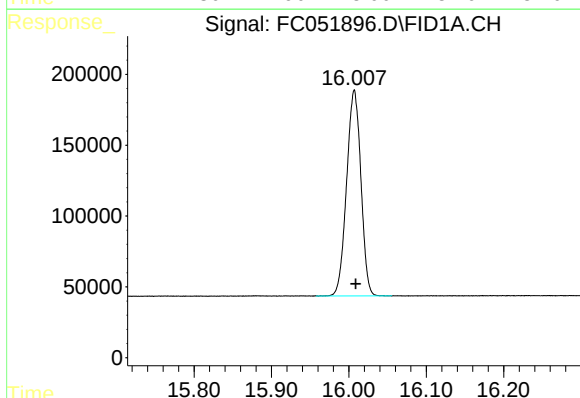
R.T.: 13.884 min
Delta R.T.: -0.001 min
Response: 2057939
Conc: 16.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



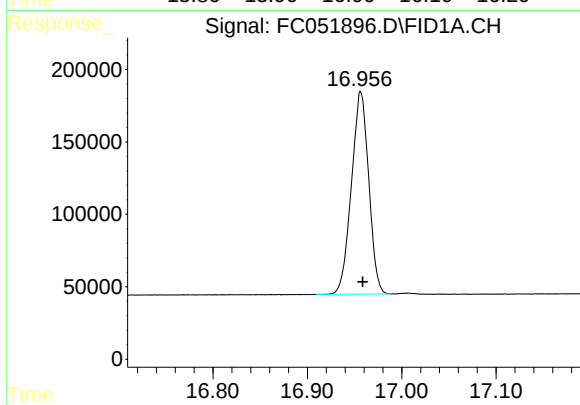
#14 n-Tetracosane (C24)

R.T.: 14.986 min
Delta R.T.: -0.002 min
Response: 1971989
Conc: 16.18 ug/ml



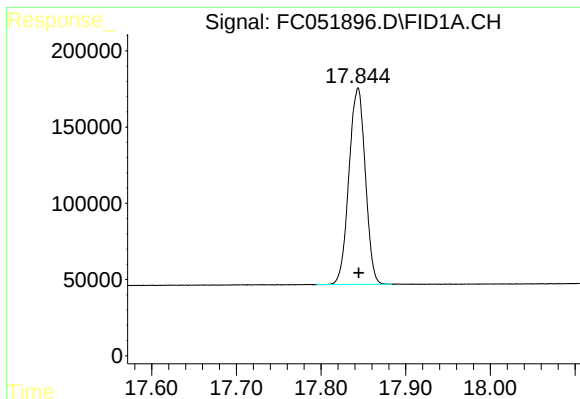
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: -0.002 min
Response: 1864610
Conc: 15.58 ug/ml



#16 n-Octacosane (C28)

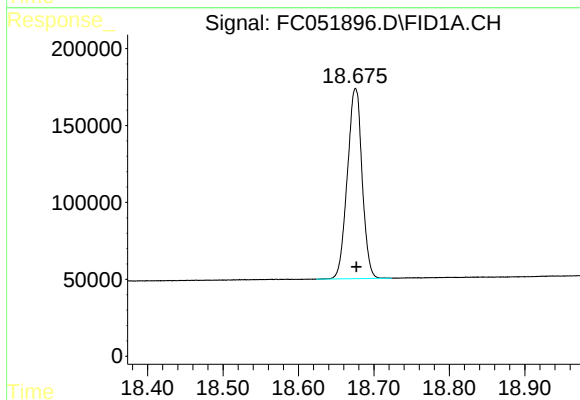
R.T.: 16.957 min
Delta R.T.: -0.002 min
Response: 1781678
Conc: 15.23 ug/ml



#17 n-Tricontane (C30)

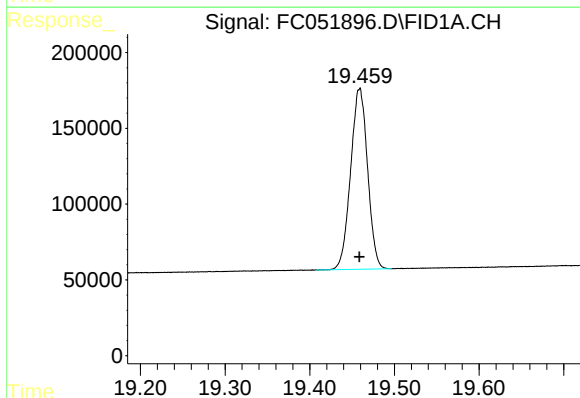
R.T.: 17.844 min
Delta R.T.: 0.000 min
Response: 1731888
Conc: 15.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



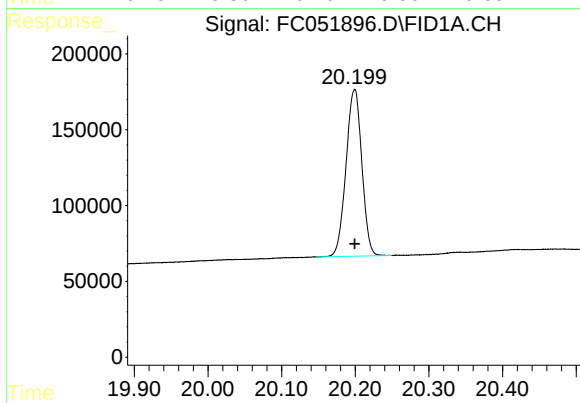
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: -0.001 min
Response: 1679118
Conc: 16.23 ug/ml



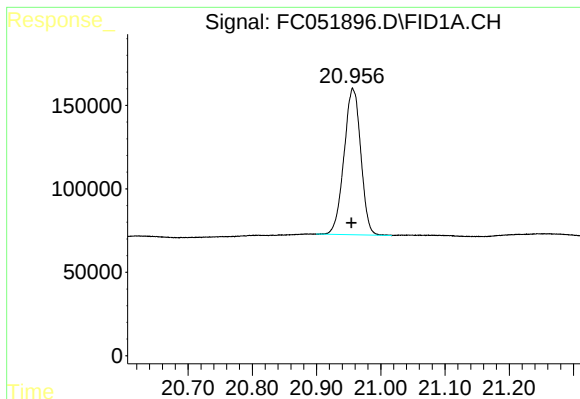
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 1658814
Conc: 17.53 ug/ml



#20 n-Hexatriacontane (C36)

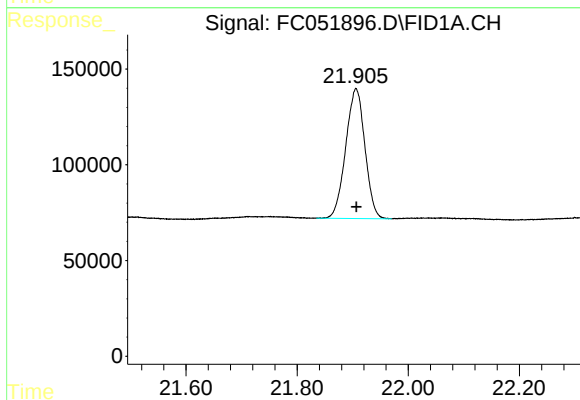
R.T.: 20.199 min
Delta R.T.: 0.000 min
Response: 1639979
Conc: 18.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.002 min
Response: 1589247
Conc: 19.36 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.000 min
Response: 1624217
Conc: 19.01 ug/ml