

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
 Data File : FC055648.D
 Signal(s) : FID1A.CH
 Acq On : 15 Sep 2021 4:10
 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: sample.E
 Quant Time: Sep 15 04:41:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.654	2331377	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	13.087	1787975	18.066 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
Target Compounds			
1) T n-Nonane (C9)	3.398	2452481	22.688 ug/ml
2) T n-Decane (C10)	4.468	2486761	22.806 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2737258	22.214 ug/ml
4) T n-Dodecane (C12)	6.491	2470814	22.565 ug/ml
5) T A~2-methylnaphthalene...	7.120	2720242	21.859 ug/ml
6) T n-Tetradecane (C14)	8.288	2441695	21.923 ug/ml
7) T n-Hexadecane (C16)	9.890	2366663	20.941 ug/ml
8) T n-Octadecane (C18)	11.332	2308582	19.829 ug/ml
10) T n-Eicosane (C20)	12.642	2172262	18.591 ug/ml
11) T n-Heneicosane (C21)	13.253	2138749	18.172 ug/ml
13) T n-Docosane (C22)	13.840	2069073	17.737 ug/ml
14) T n-Tetracosane (C24)	14.942	1992207	17.107 ug/ml
15) T n-Hexacosane (C26)	15.961	1905503	16.821 ug/ml
16) T n-Octacosane (C28)	16.910	1897156	17.145 ug/ml
17) T n-Tricontane (C30)	17.796	1888891	17.764 ug/ml
18) T n-Dotriacontane (C32)	18.629	1884679	18.805 ug/ml
19) T n-Tetratriacontane (C34)	19.410	1871422	19.829 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1783052	20.536 ug/ml
21) T n-Octatriacontane (C38)	20.895	1737610	21.318 ug/ml
22) T n-Tetracontane (C40)	21.829	1765358	21.980 ug/ml

(f)=RT Delta > 1/2 Window

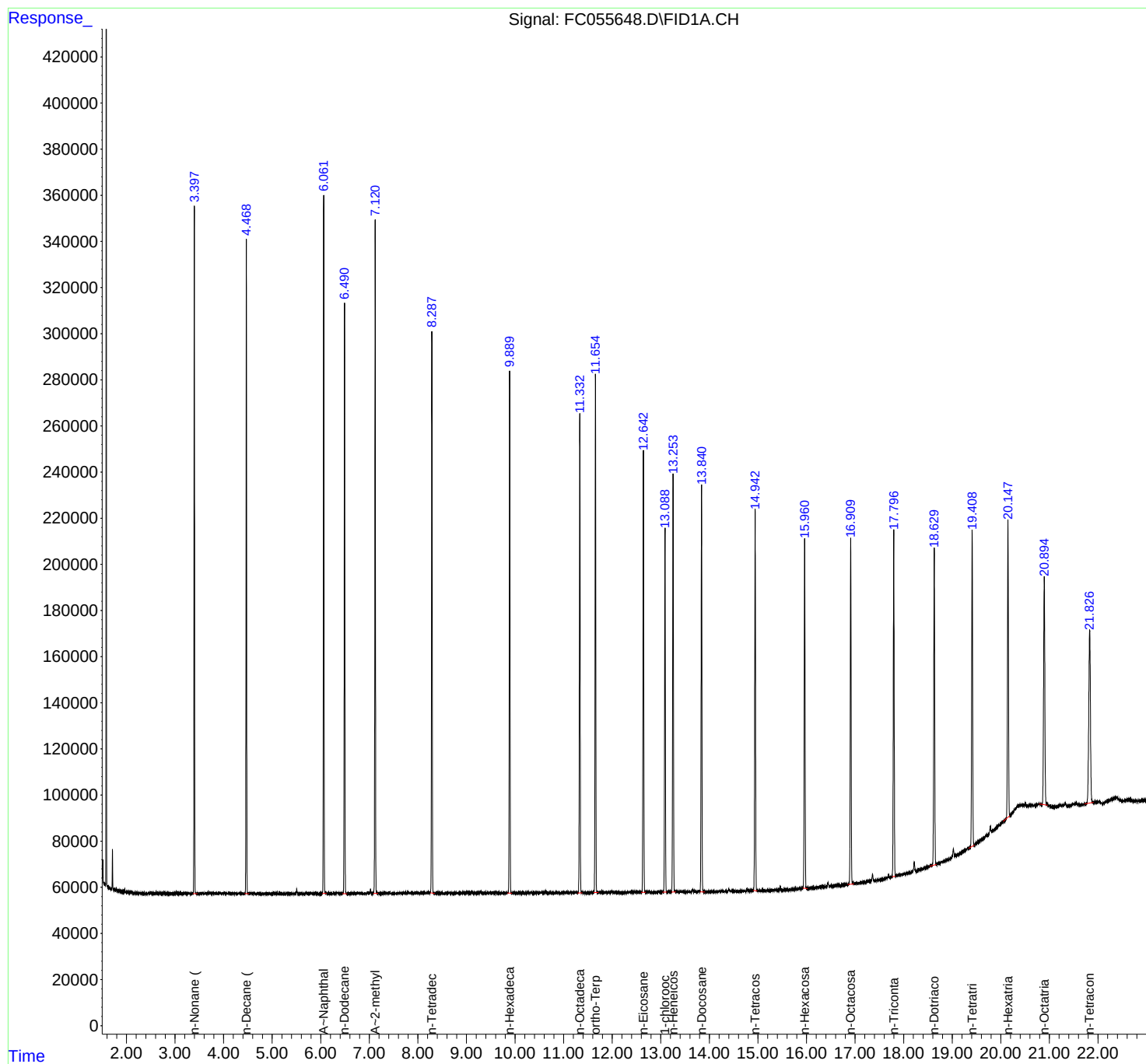
(m)=manual int.

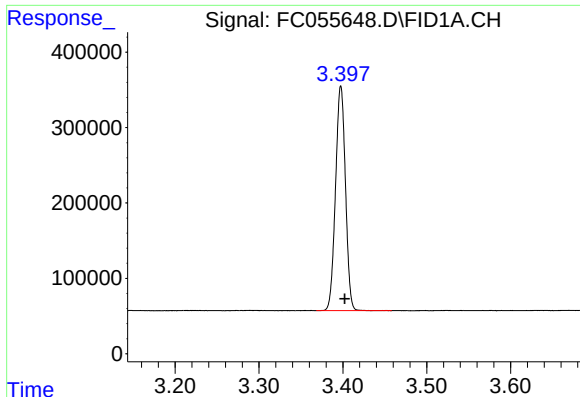
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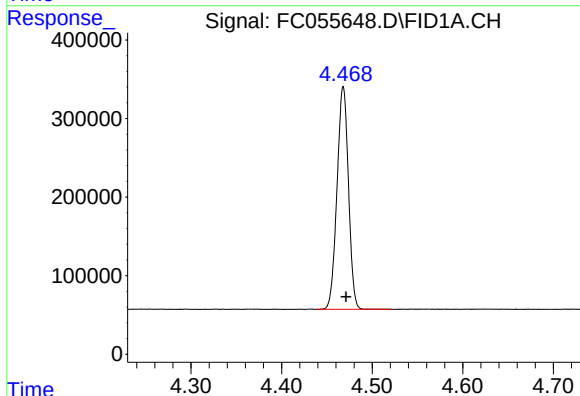




#1 n-Nonane (C9)

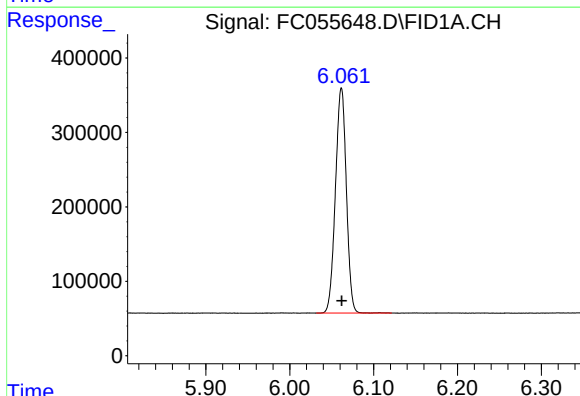
R.T.: 3.398 min
Delta R.T.: -0.004 min
Response: 2452481
Conc: 22.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



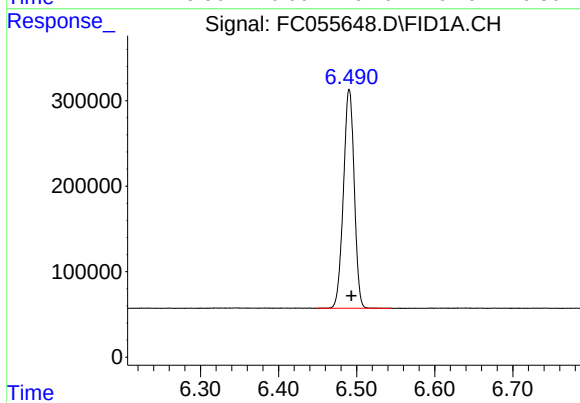
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2486761
Conc: 22.81 ug/ml



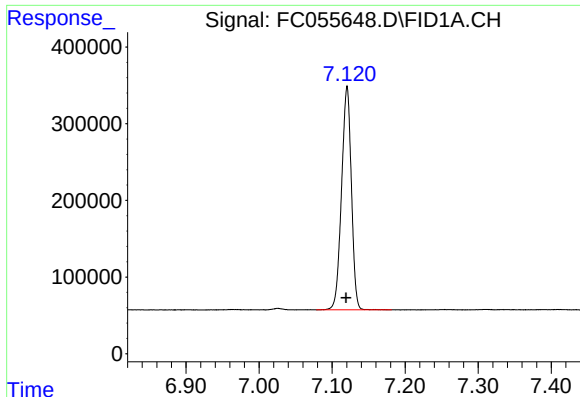
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2737258
Conc: 22.21 ug/ml



#4 n-Dodecane (C12)

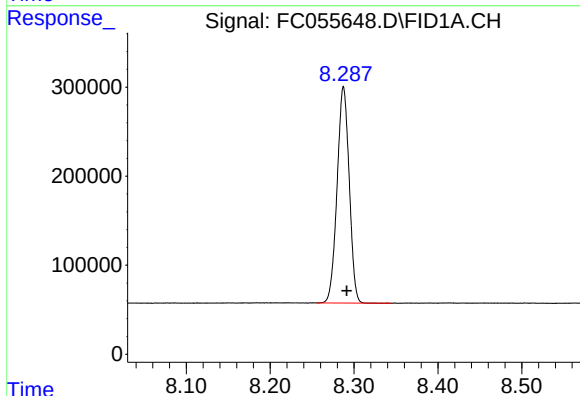
R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 2470814
Conc: 22.57 ug/ml



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

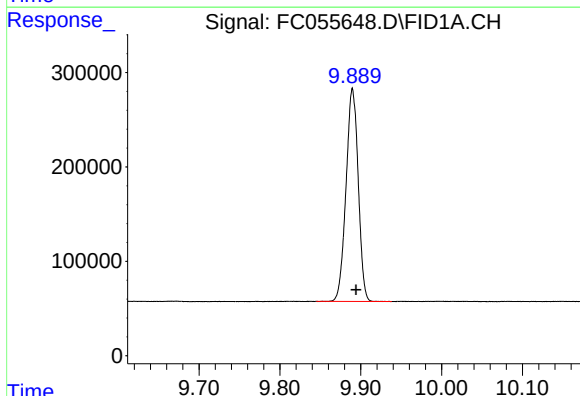
R.T.: 7.120 min
Delta R.T.: 0.001 min
Response: 2720242
Conc: 21.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



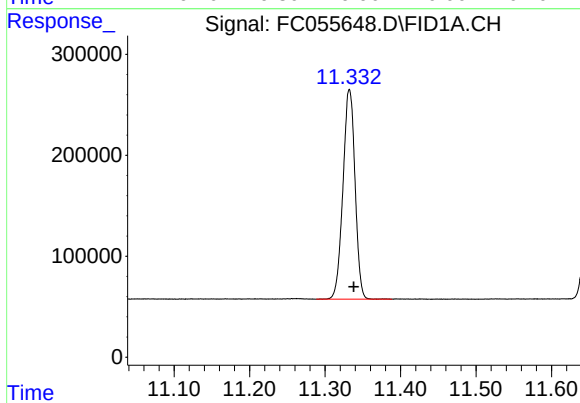
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.004 min
Response: 2441695
Conc: 21.92 ug/ml



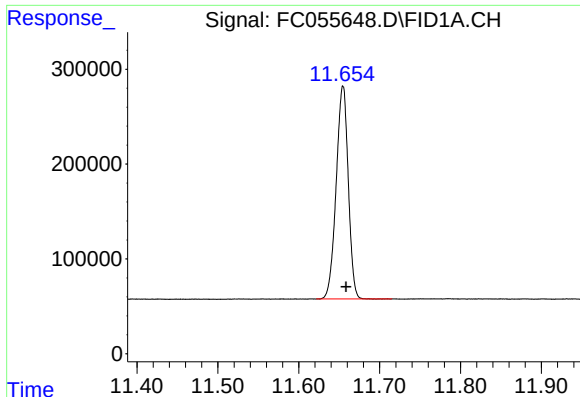
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 2366663
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

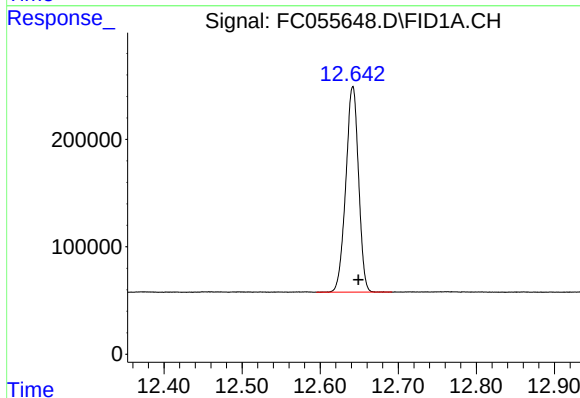
R.T.: 11.332 min
Delta R.T.: -0.006 min
Response: 2308582
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

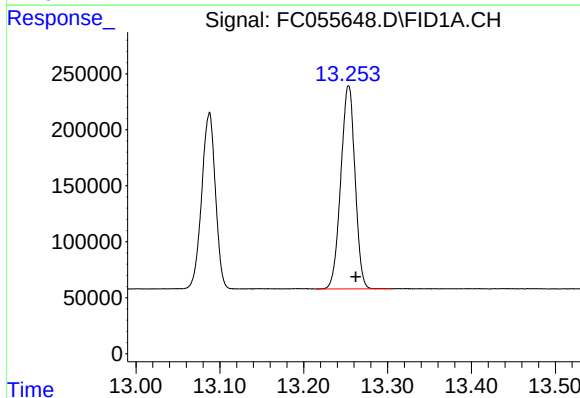
R.T.: 11.654 min
Delta R.T.: -0.004 min
Response: 2331377
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



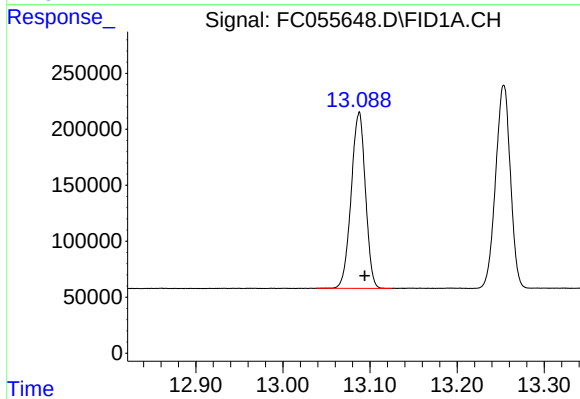
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 2172262
Conc: 18.59 ug/ml



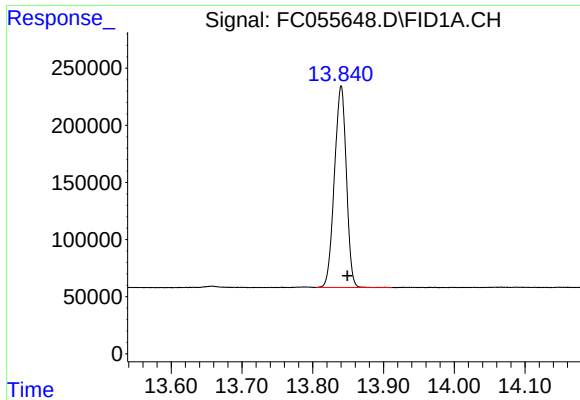
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.009 min
Response: 2138749
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

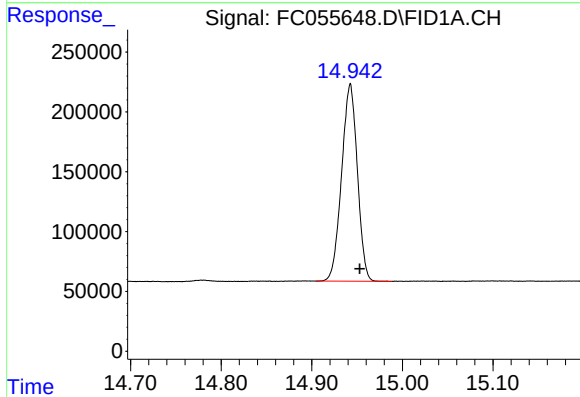
R.T.: 13.087 min
Delta R.T.: -0.007 min
Response: 1787975
Conc: 18.07 ug/ml



#13 n-Docosane (C22)

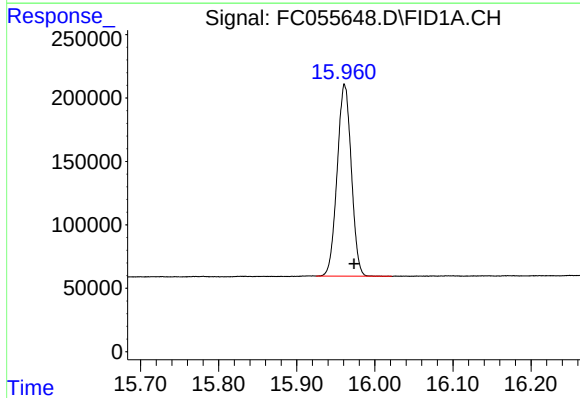
R.T.: 13.840 min
Delta R.T.: -0.009 min
Response: 2069073
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



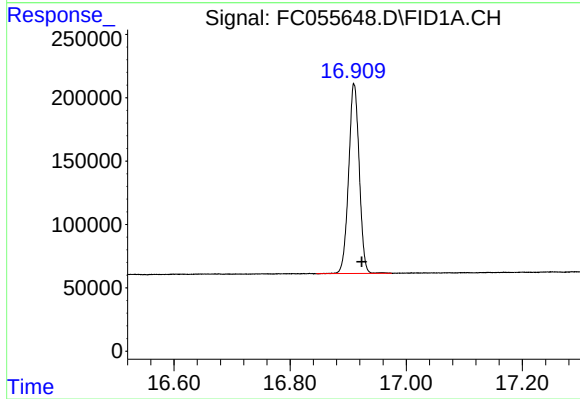
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.011 min
Response: 1992207
Conc: 17.11 ug/ml



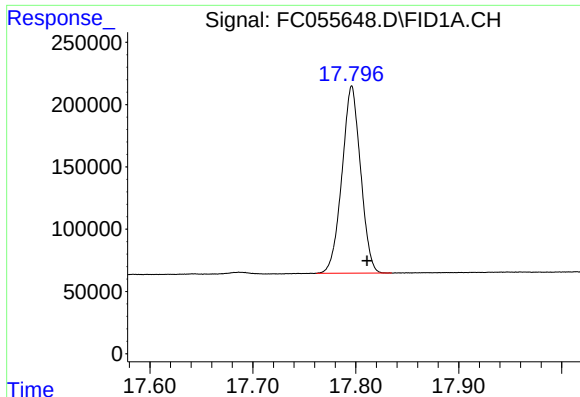
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.012 min
Response: 1905503
Conc: 16.82 ug/ml



#16 n-Octacosane (C28)

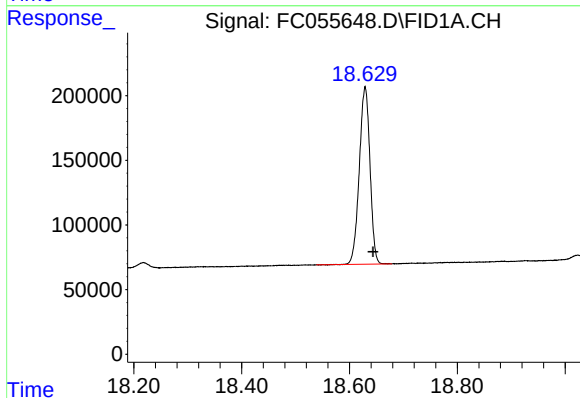
R.T.: 16.910 min
Delta R.T.: -0.013 min
Response: 1897156
Conc: 17.14 ug/ml



#17 n-Tricontane (C30)

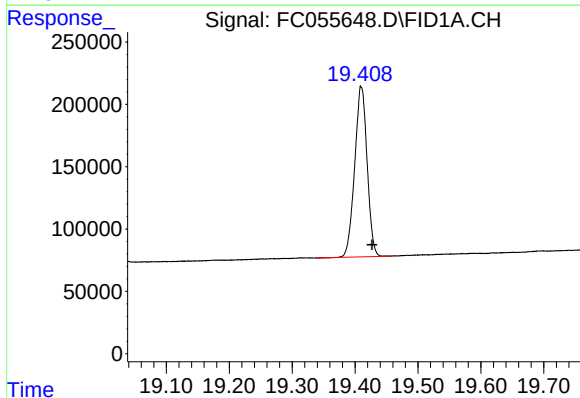
R.T.: 17.796 min
Delta R.T.: -0.015 min
Response: 1888891
Conc: 17.76 ug/ml

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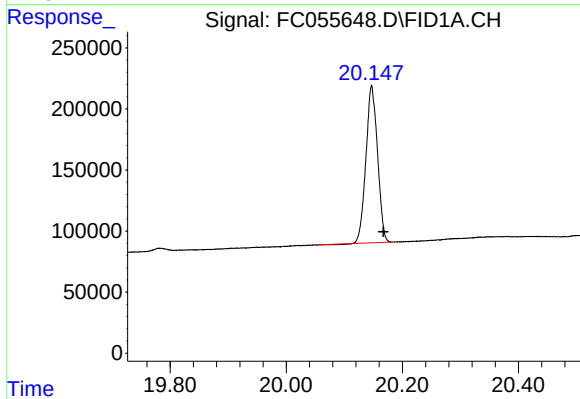
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.015 min
Response: 1884679
Conc: 18.81 ug/ml



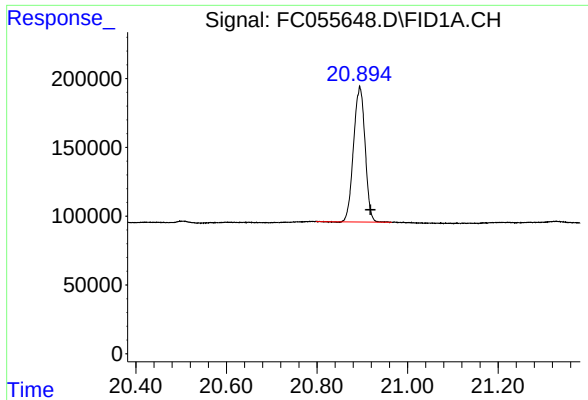
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.017 min
Response: 1871422
Conc: 19.83 ug/ml



#20 n-Hexatriacontane (C36)

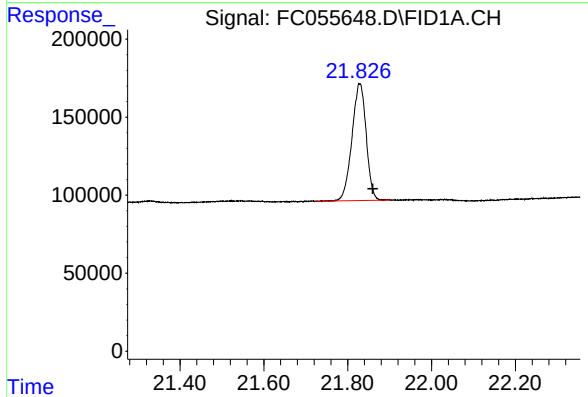
R.T.: 20.147 min
Delta R.T.: -0.020 min
Response: 1783052
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: -0.024 min
Response: 1737610
Conc: 21.32 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.829 min
Delta R.T.: -0.031 min
Response: 1765358
Conc: 21.98 ug/ml