

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122719AL\
 Data File : FC045081.D
 Signal(s) : FID1A.CH
 Acq On : 27 Dec 2019 9:32
 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: Dec 28 01:38:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.759	2473052	21.805 ug/ml
Spiked Amount 50.000		Recovery =	43.61%
12) S 1-chlorooctadecane (S...	13.181	1938824	21.744 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T n-Nonane (C9)	3.511	2186366	21.713 ug/ml
2) T n-Decane (C10)	4.585	2213422	21.941 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2465405	22.001 ug/ml
4) T n-Dodecane (C12)	6.602	2241896	22.025 ug/ml
5) T A~2-methylnaphthalene...	7.240	2491777	22.107 ug/ml
6) T n-Tetradecane (C14)	8.393	2253253	22.107 ug/ml
7) T n-Hexadecane (C16)	9.989	2271794	22.066 ug/ml
8) T n-Octadecane (C18)	11.429	2287425	21.995 ug/ml
10) T n-Eicosane (C20)	12.735	2289402	21.883 ug/ml
11) T n-Heneicosane (C21)	13.345	2302819	21.774 ug/ml
13) T n-Docosane (C22)	13.931	2289933	21.658 ug/ml
14) T n-Tetracosane (C24)	15.031	2282040	21.359 ug/ml
15) T n-Hexacosane (C26)	16.049	2228588	20.896 ug/ml
16) T n-Octacosane (C28)	16.996	2151279	20.370 ug/ml
17) T n-Tricontane (C30)	17.882	2032864	19.942 ug/ml
18) T n-Dotriacontane (C32)	18.712	1689793	19.533 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1394716	19.039 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1247452	18.982 ug/ml
21) T n-Octatriacontane (C38)	21.000	1136505	19.243 ug/ml
22) T n-Tetracontane (C40)	21.967	1176748	19.897 ug/ml

(f)=RT Delta > 1/2 Window

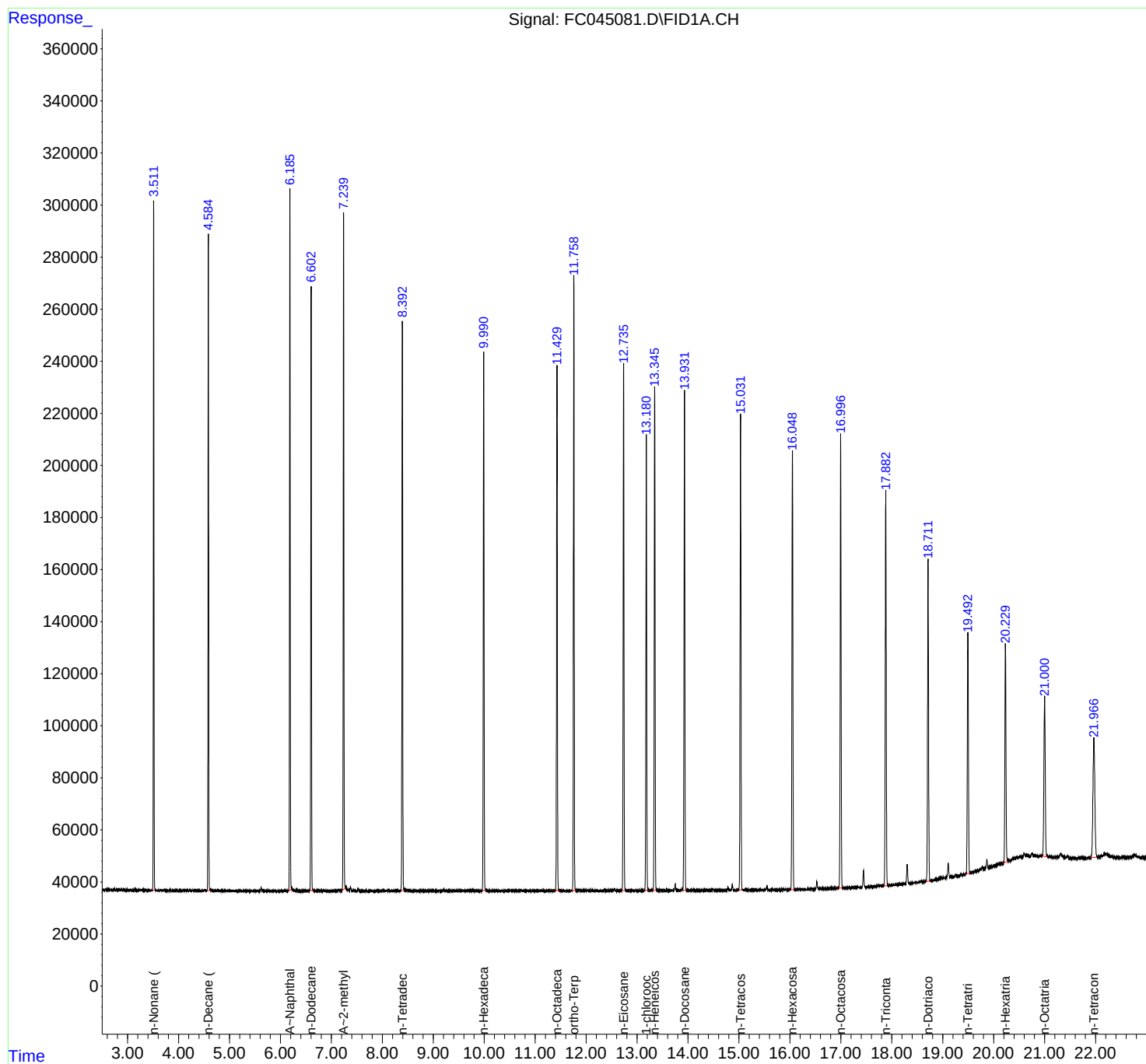
(m)=manual int.

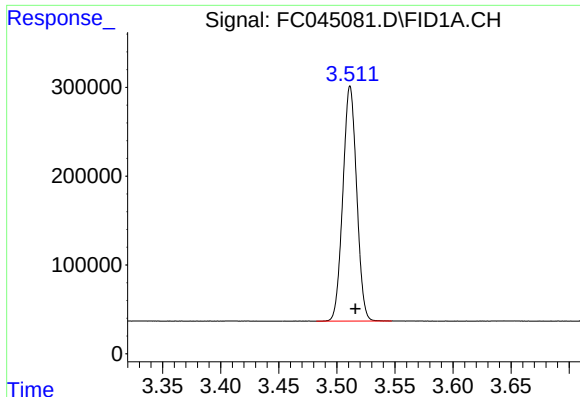
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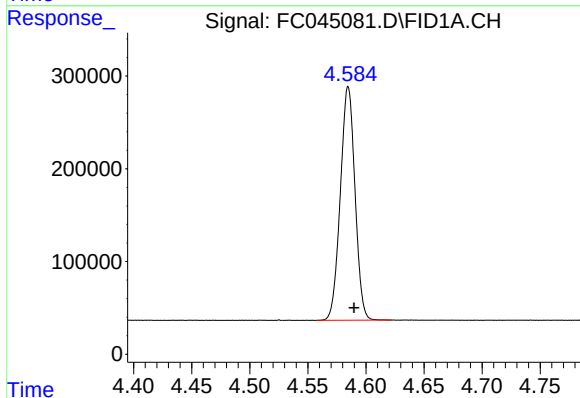




#1 n-Nonane (C9)

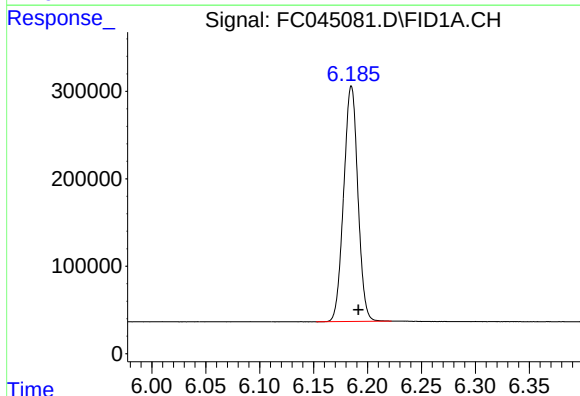
R.T.: 3.511 min
Delta R.T.: -0.005 min
Response: 2186366
Conc: 21.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



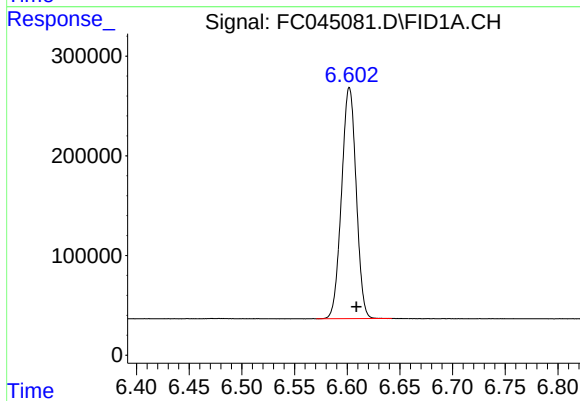
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 2213422
Conc: 21.94 ug/ml



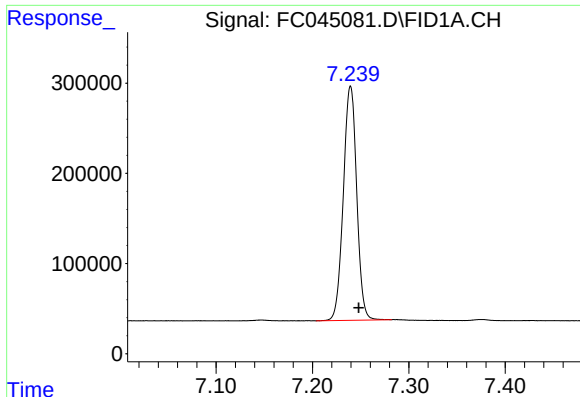
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.006 min
Response: 2465405
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

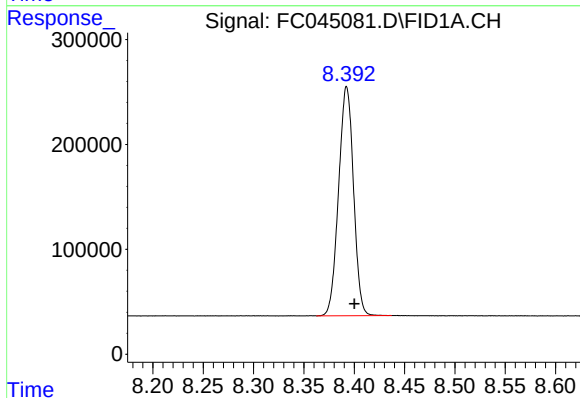
R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 2241896
Conc: 22.03 ug/ml



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

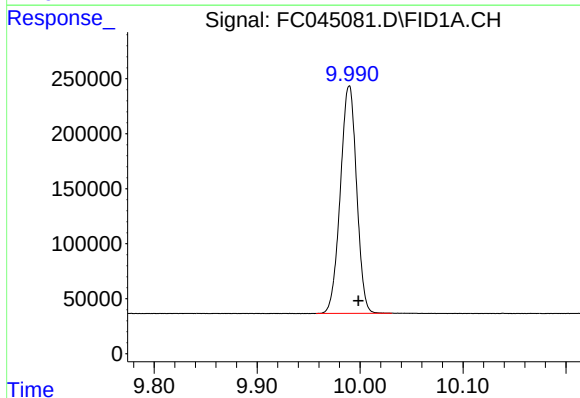
R.T.: 7.240 min
Delta R.T.: -0.008 min
Response: 2491777
Conc: 22.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



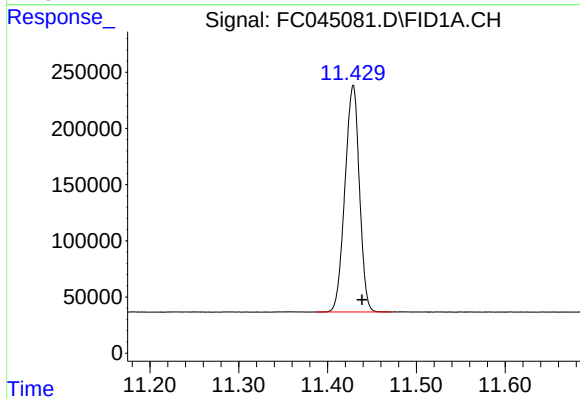
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.008 min
Response: 2253253
Conc: 22.11 ug/ml



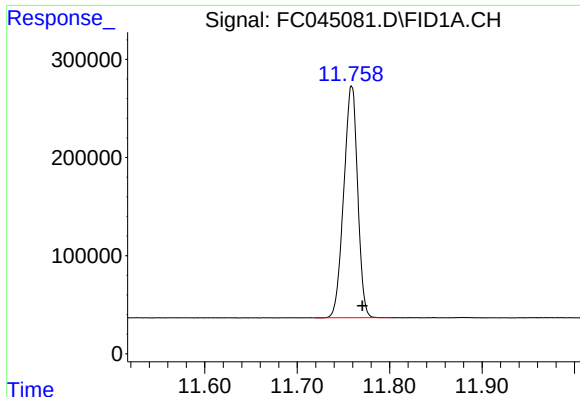
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.009 min
Response: 2271794
Conc: 22.07 ug/ml



#8 n-Octadecane (C18)

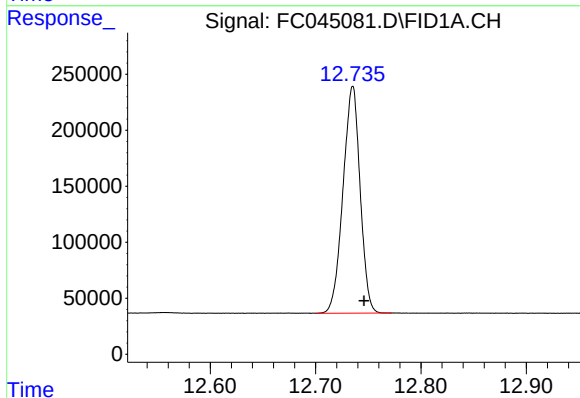
R.T.: 11.429 min
Delta R.T.: -0.010 min
Response: 2287425
Conc: 22.00 ug/ml



#9 ortho-Terphenyl (SURR)

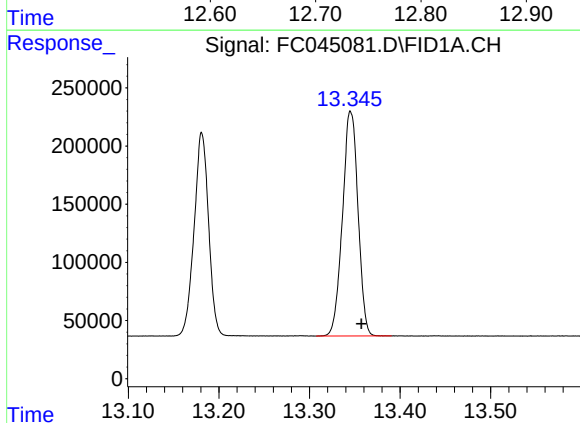
R.T.: 11.759 min
Delta R.T.: -0.012 min
Response: 2473052
Conc: 21.81 ug/ml

Instrument :
FID_C
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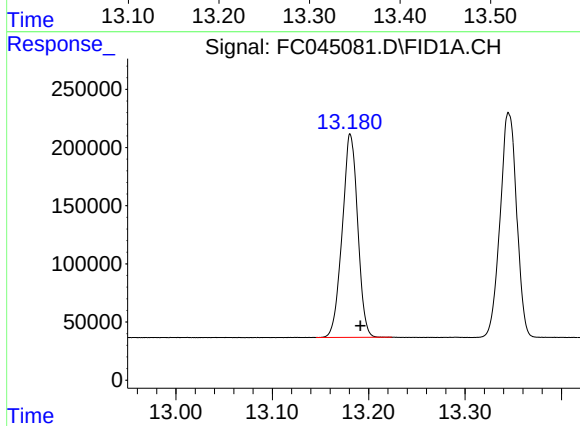
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.011 min
Response: 2289402
Conc: 21.88 ug/ml



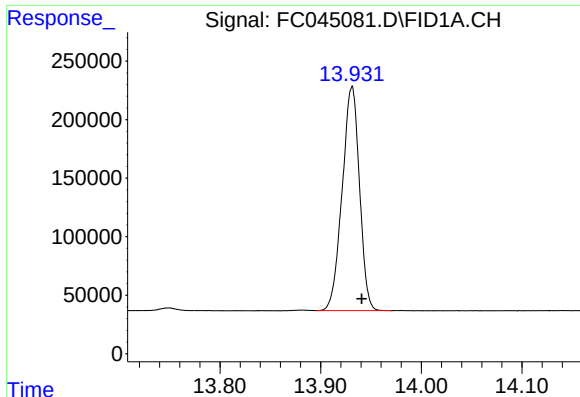
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.012 min
Response: 2302819
Conc: 21.77 ug/ml



#12 1-chlorooctadecane (SURR)

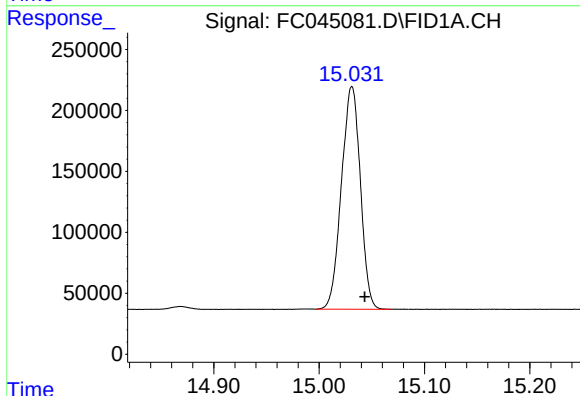
R.T.: 13.181 min
Delta R.T.: -0.010 min
Response: 1938824
Conc: 21.74 ug/ml



#13 n-Docosane (C22)

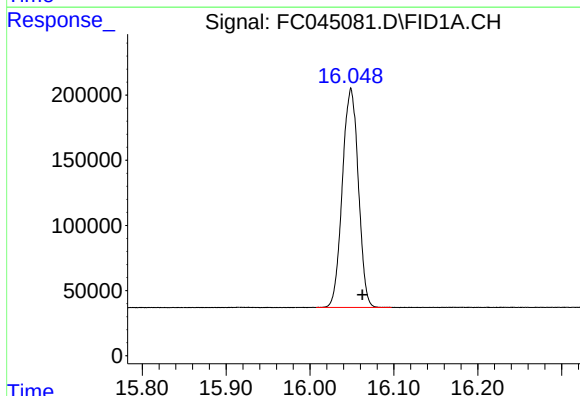
R.T.: 13.931 min
Delta R.T.: -0.010 min
Response: 2289933
Conc: 21.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



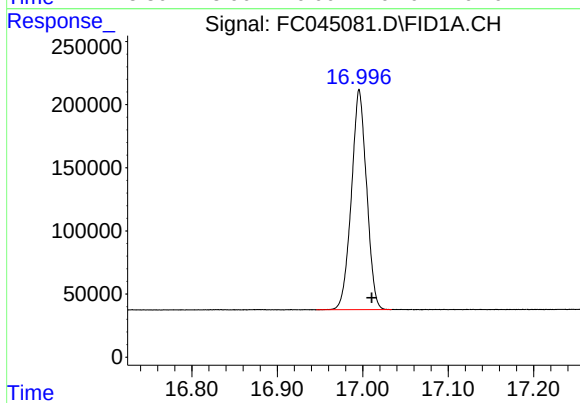
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.012 min
Response: 2282040
Conc: 21.36 ug/ml



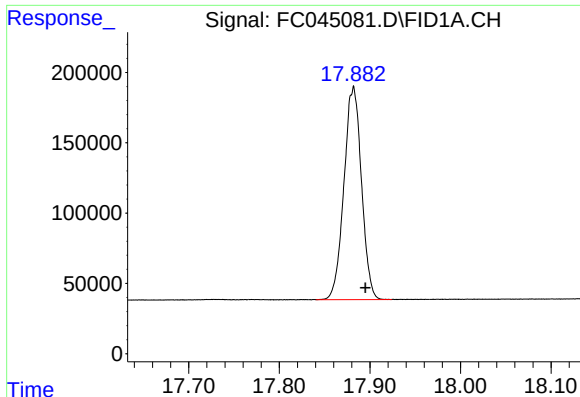
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.014 min
Response: 2228588
Conc: 20.90 ug/ml



#16 n-Octacosane (C28)

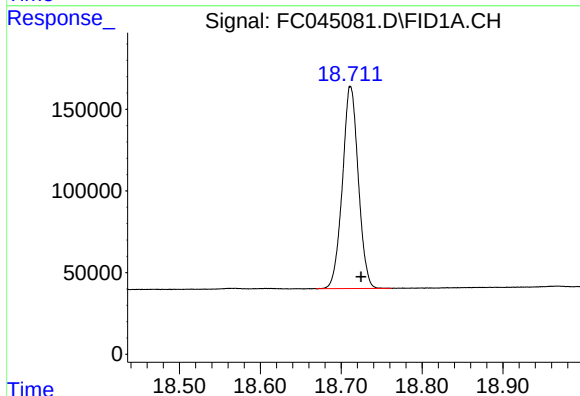
R.T.: 16.996 min
Delta R.T.: -0.015 min
Response: 2151279
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

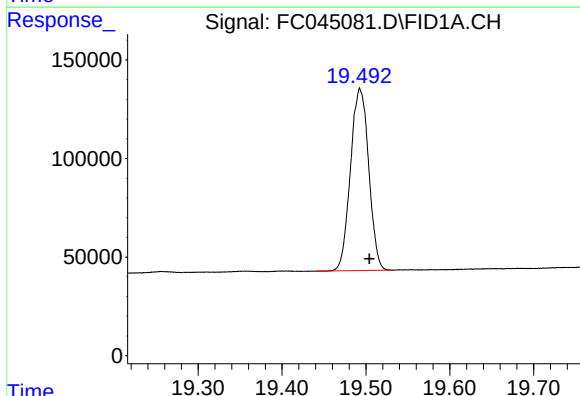
R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 2032864
Conc: 19.94 ug/ml

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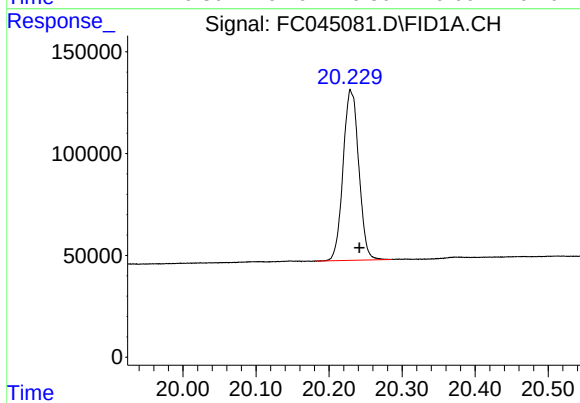
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.013 min
Response: 1689793
Conc: 19.53 ug/ml



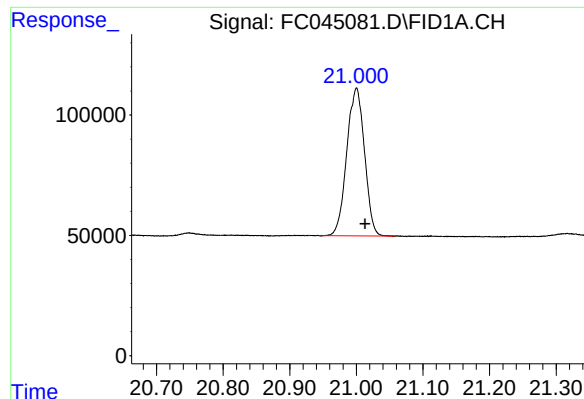
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.011 min
Response: 1394716
Conc: 19.04 ug/ml



#20 n-Hexatriacontane (C36)

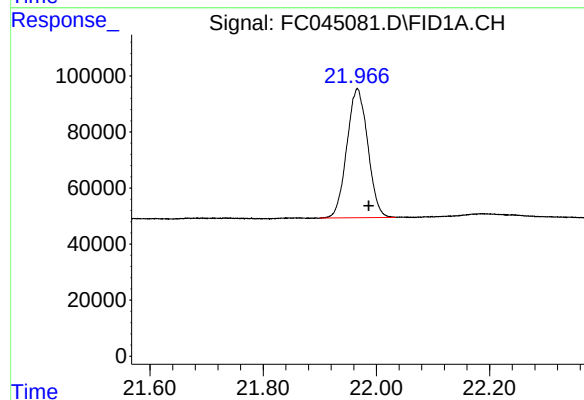
R.T.: 20.230 min
Delta R.T.: -0.012 min
Response: 1247452
Conc: 18.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: -0.013 min
Response: 1136505
Conc: 19.24 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.020 min
Response: 1176748
Conc: 19.90 ug/ml