

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122719AL\
 Data File : FC045105.D
 Signal(s) : FID1A.CH
 Acq On : 28 Dec 2019 1:54
 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 02:40:40 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	2521783	22.235 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
12) S 1-chlorooctadecane (S...	13.182	1975268	22.153 ug/ml
Spiked Amount 50.000		Recovery =	44.31%
Target Compounds			
1) T n-Nonane (C9)	3.513	2227878	22.125 ug/ml
2) T n-Decane (C10)	4.586	2260242	22.405 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2514805	22.442 ug/ml
4) T n-Dodecane (C12)	6.603	2289906	22.497 ug/ml
5) T A~2-methylnaphthalene...	7.241	2542175	22.554 ug/ml
6) T n-Tetradecane (C14)	8.394	2304696	22.612 ug/ml
7) T n-Hexadecane (C16)	9.990	2328374	22.615 ug/ml
8) T n-Octadecane (C18)	11.429	2339175	22.493 ug/ml
10) T n-Eicosane (C20)	12.735	2336205	22.330 ug/ml
11) T n-Heneicosane (C21)	13.347	2346059	22.183 ug/ml
13) T n-Docosane (C22)	13.929	2327017	22.009 ug/ml
14) T n-Tetracosane (C24)	15.031	2306155	21.585 ug/ml
15) T n-Hexacosane (C26)	16.051	2245109	21.051 ug/ml
16) T n-Octacosane (C28)	16.998	2167929	20.528 ug/ml
17) T n-Tricontane (C30)	17.883	2054881	20.158 ug/ml
18) T n-Dotriacontane (C32)	18.710	1707502	19.738 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1415477	19.322 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1254668	19.092 ug/ml
21) T n-Octatriacontane (C38)	20.999	1151919	19.504 ug/ml
22) T n-Tetracontane (C40)	21.965	1172584	19.827 ug/ml

(f)=RT Delta > 1/2 Window

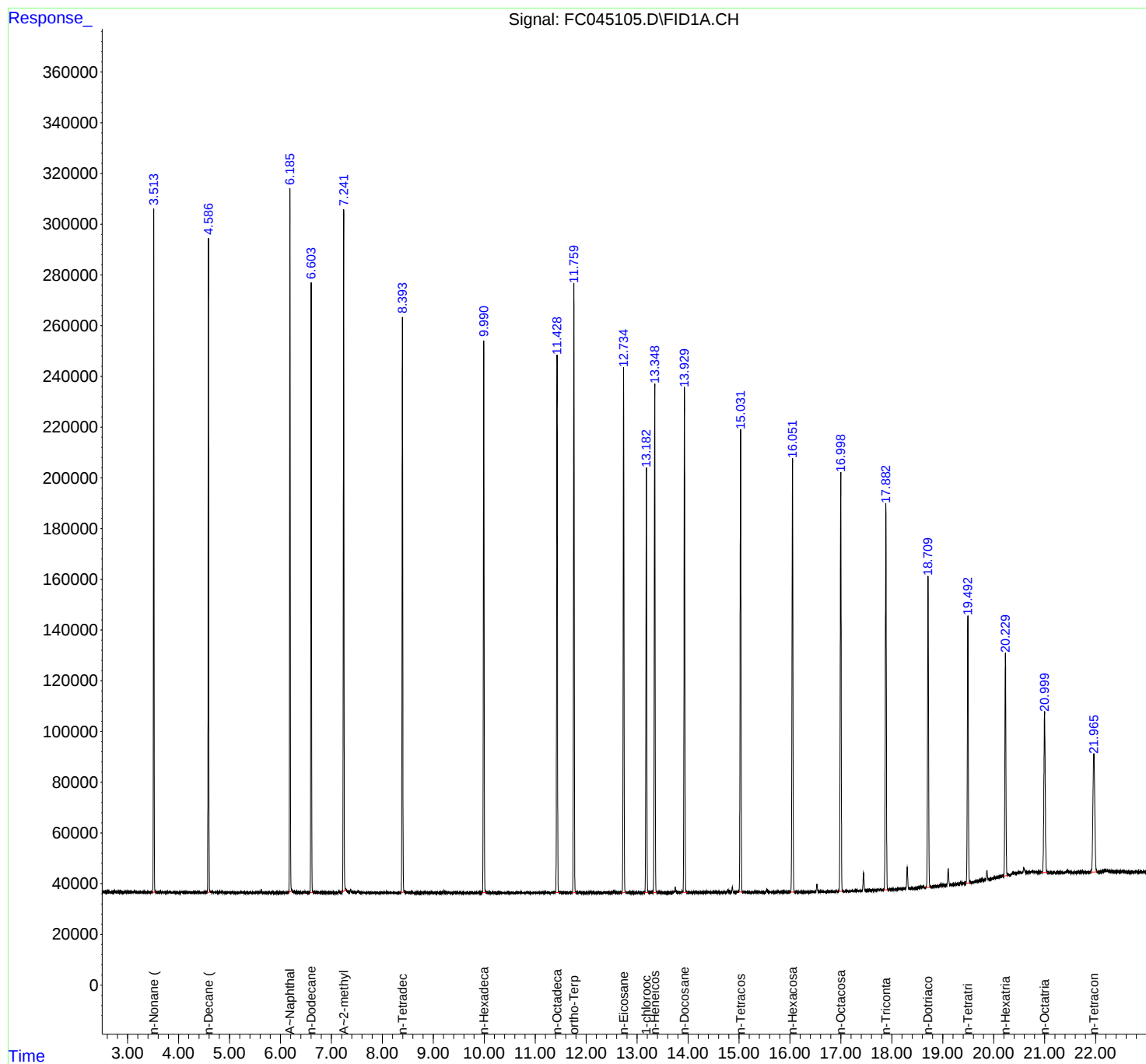
(m)=manual int.

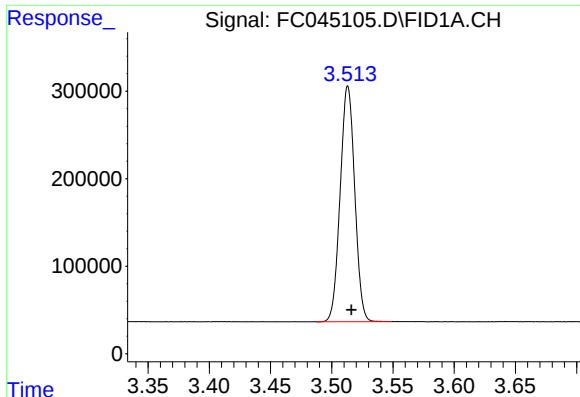
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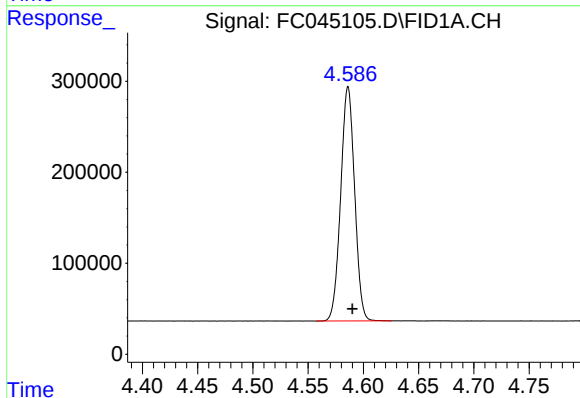




#1 n-Nonane (C9)

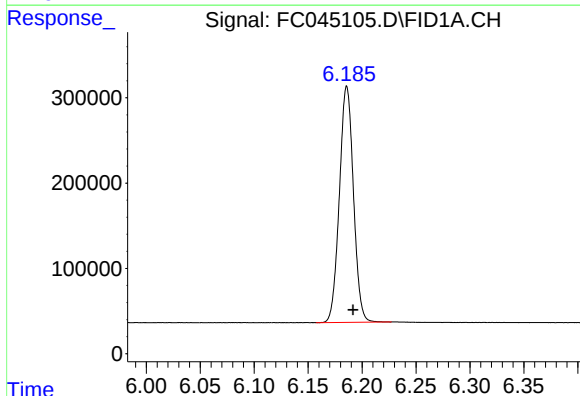
R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2227878
Conc: 22.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



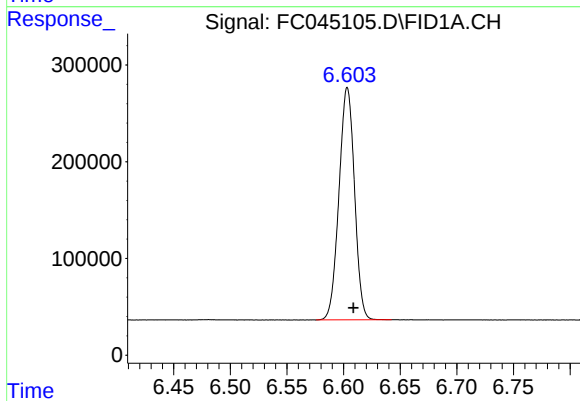
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 2260242
Conc: 22.41 ug/ml



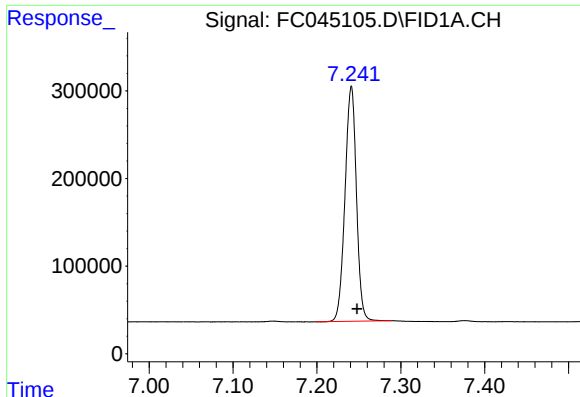
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.006 min
Response: 2514805
Conc: 22.44 ug/ml



#4 n-Dodecane (C12)

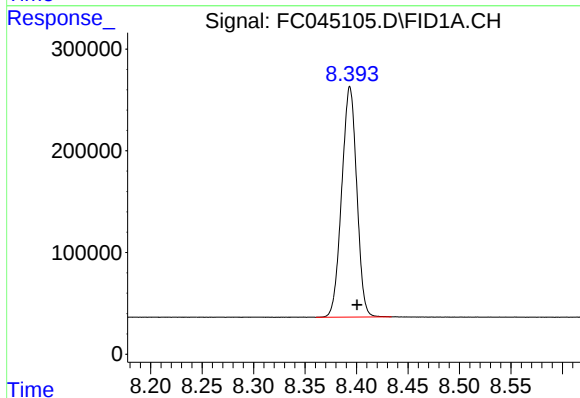
R.T.: 6.603 min
Delta R.T.: -0.005 min
Response: 2289906
Conc: 22.50 ug/ml



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

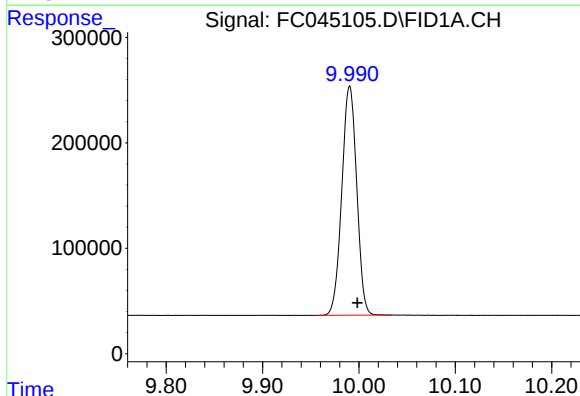
R.T.: 7.241 min
Delta R.T.: -0.007 min
Response: 2542175
Conc: 22.55 ug/ml

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20 PPM ALIPHATIC HC STD



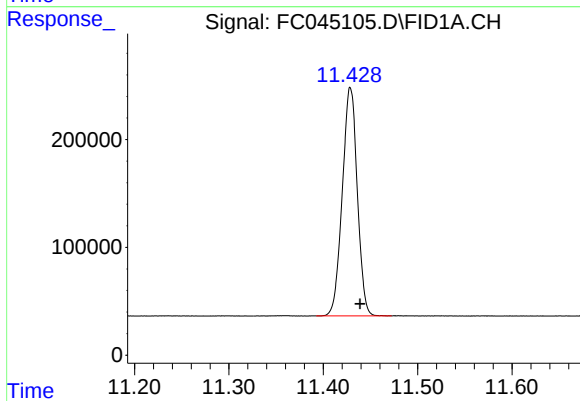
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.007 min
Response: 2304696
Conc: 22.61 ug/ml



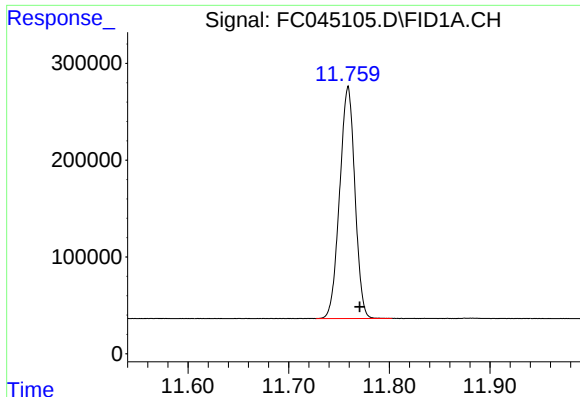
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 2328374
Conc: 22.62 ug/ml



#8 n-Octadecane (C18)

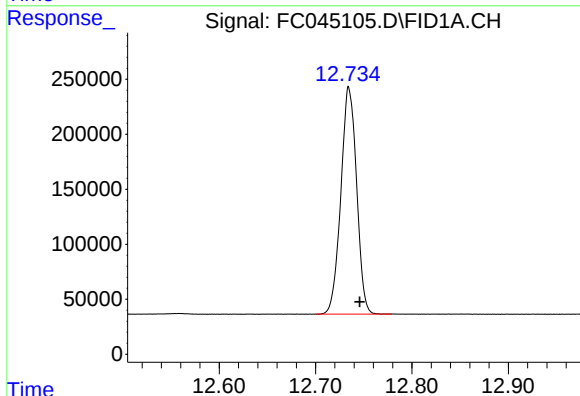
R.T.: 11.429 min
Delta R.T.: -0.010 min
Response: 2339175
Conc: 22.49 ug/ml



#9 ortho-Terphenyl (SURR)

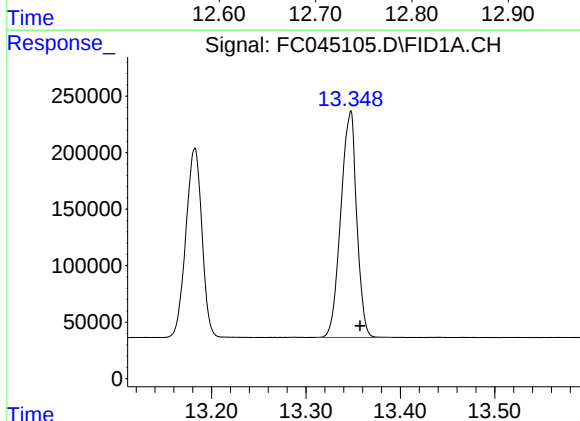
R.T.: 11.759 min
Delta R.T.: -0.012 min
Response: 2521783
Conc: 22.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



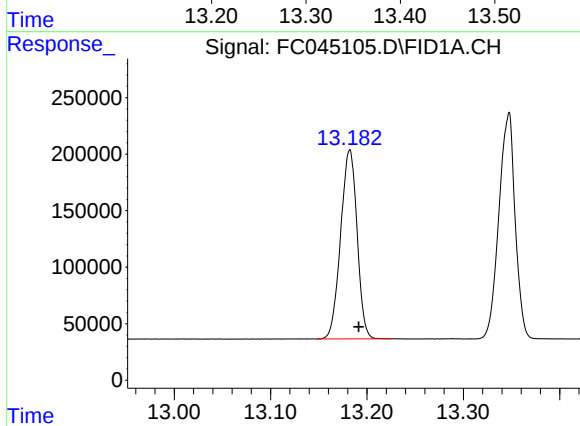
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.011 min
Response: 2336205
Conc: 22.33 ug/ml



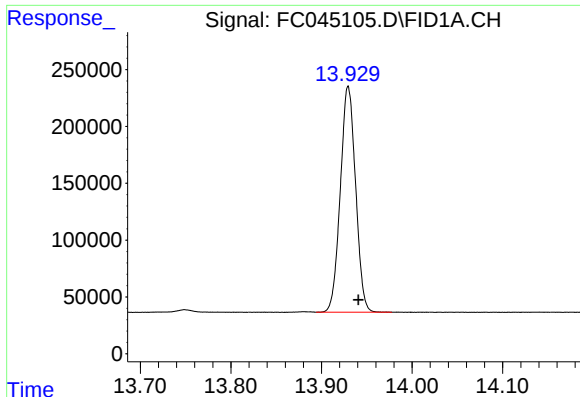
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.010 min
Response: 2346059
Conc: 22.18 ug/ml



#12 1-chlorooctadecane (SURR)

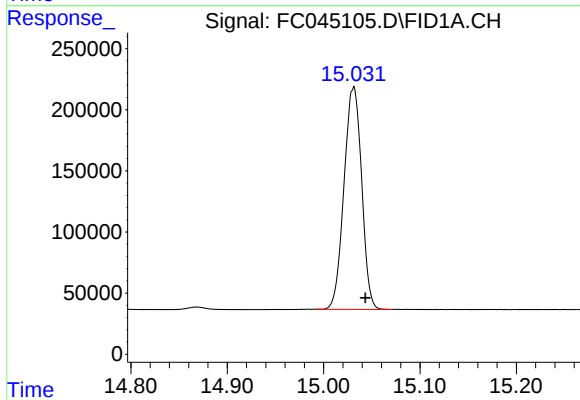
R.T.: 13.182 min
Delta R.T.: -0.009 min
Response: 1975268
Conc: 22.15 ug/ml



#13 n-Docosane (C22)

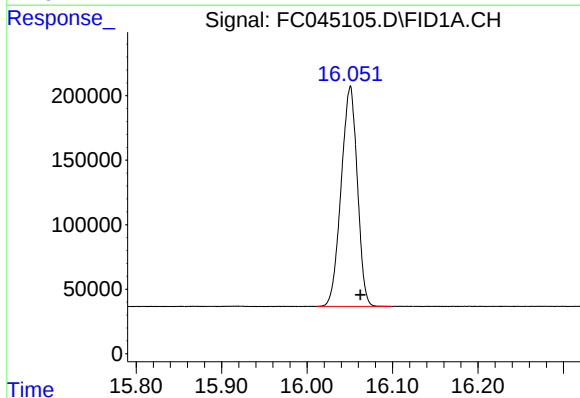
R.T.: 13.929 min
Delta R.T.: -0.011 min
Response: 2327017
Conc: 22.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



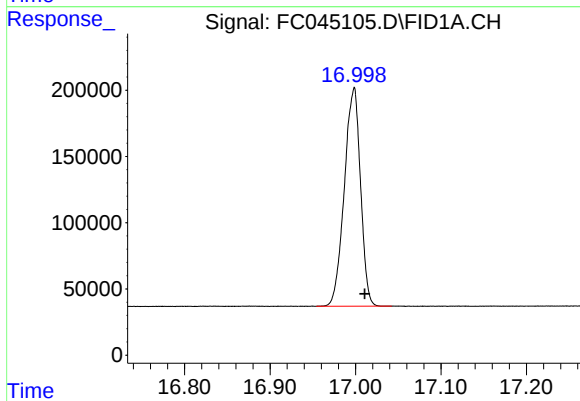
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.012 min
Response: 2306155
Conc: 21.58 ug/ml



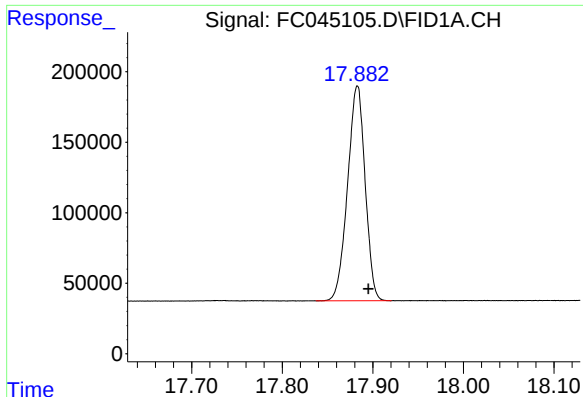
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.012 min
Response: 2245109
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

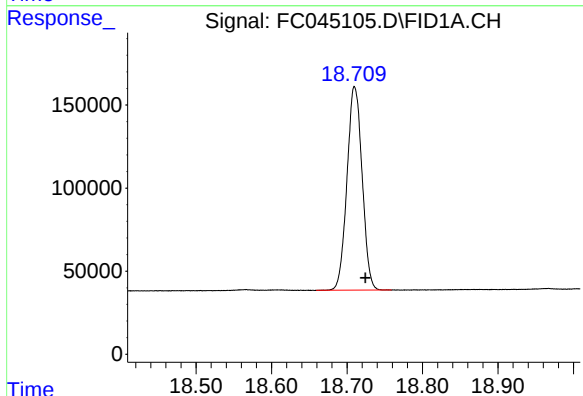
R.T.: 16.998 min
Delta R.T.: -0.012 min
Response: 2167929
Conc: 20.53 ug/ml



#17 n-Tricontane (C30)

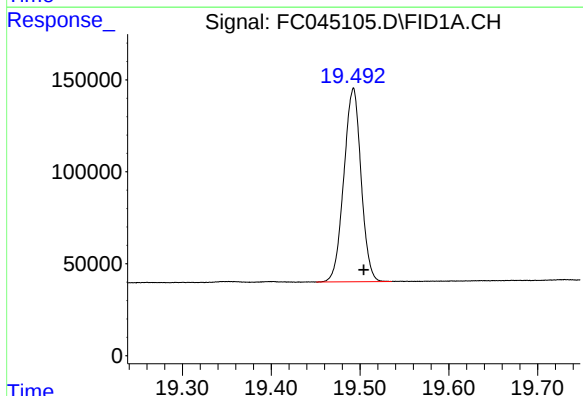
R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 2054881
Conc: 20.16 ug/ml

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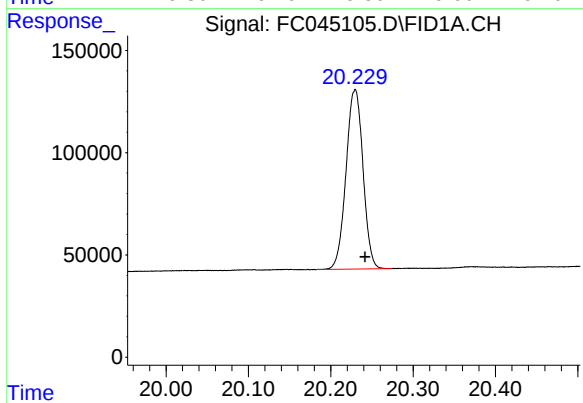
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: -0.014 min
Response: 1707502
Conc: 19.74 ug/ml



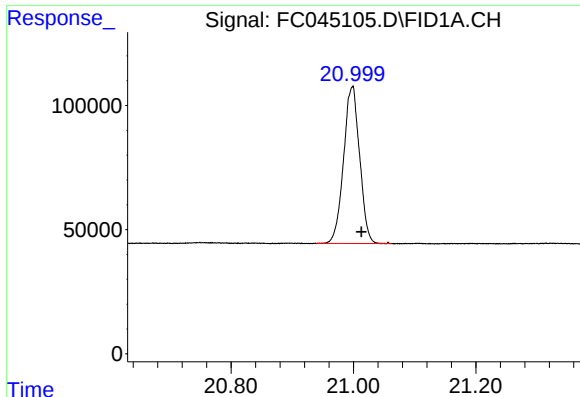
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.012 min
Response: 1415477
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

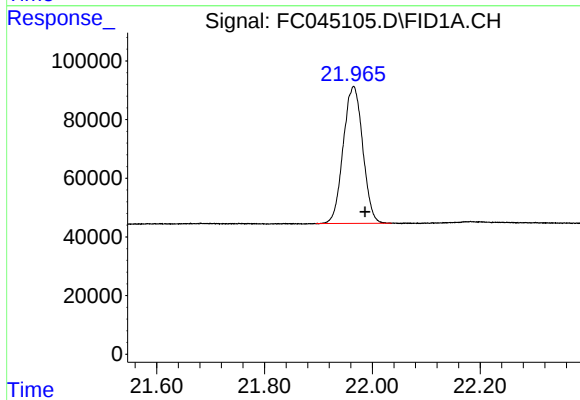
R.T.: 20.230 min
Delta R.T.: -0.012 min
Response: 1254668
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.014 min
Response: 1151919
Conc: 19.50 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.021 min
Response: 1172584
Conc: 19.83 ug/ml