

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011720AL\
 Data File : FC045374.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2020 9:38
 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: sample.E
 Quant Time: Jan 17 22:22:48 2020
 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)	11.760	2240832	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.181	1736840	19.479 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T n-Nonane (C9)	3.514	2129638	21.149 ug/ml
2) T n-Decane (C10)	4.588	2179588	21.606 ug/ml
3) T A~Naphthalene (C11.7)	6.190	2402536	21.440 ug/ml
4) T n-Dodecane (C12)	6.604	2209414	21.706 ug/ml
5) T A~2-methylnaphthalene...	7.244	2412973	21.408 ug/ml
6) T n-Tetradecane (C14)	8.394	2208079	21.664 ug/ml
7) T n-Hexadecane (C16)	9.990	2201784	21.386 ug/ml
8) T n-Octadecane (C18)	11.429	2179910	20.961 ug/ml
10) T n-Eicosane (C20)	12.734	2137848	20.434 ug/ml
11) T n-Heneicosane (C21)	13.345	2096514	19.823 ug/ml
13) T n-Docosane (C22)	13.929	2105713	19.916 ug/ml
14) T n-Tetracosane (C24)	15.028	2110005	19.749 ug/ml
15) T n-Hexacosane (C26)	16.048	2163469	20.285 ug/ml
16) T n-Octacosane (C28)	16.996	2178095	20.624 ug/ml
17) T n-Tricontane (C30)	17.880	2073181	20.338 ug/ml
18) T n-Dotriacontane (C32)	18.709	1753493	20.269 ug/ml
19) T n-Tetratriacontane (C34)	19.492	1426681	19.475 ug/ml
20) T n-Hexatriacontane (C36)	20.228	1279216	19.466 ug/ml
21) T n-Octatriacontane (C38)	20.997	1180632	19.990 ug/ml
22) T n-Tetracontane (C40)	21.962	1142759	19.323 ug/ml

(f)=RT Delta > 1/2 Window

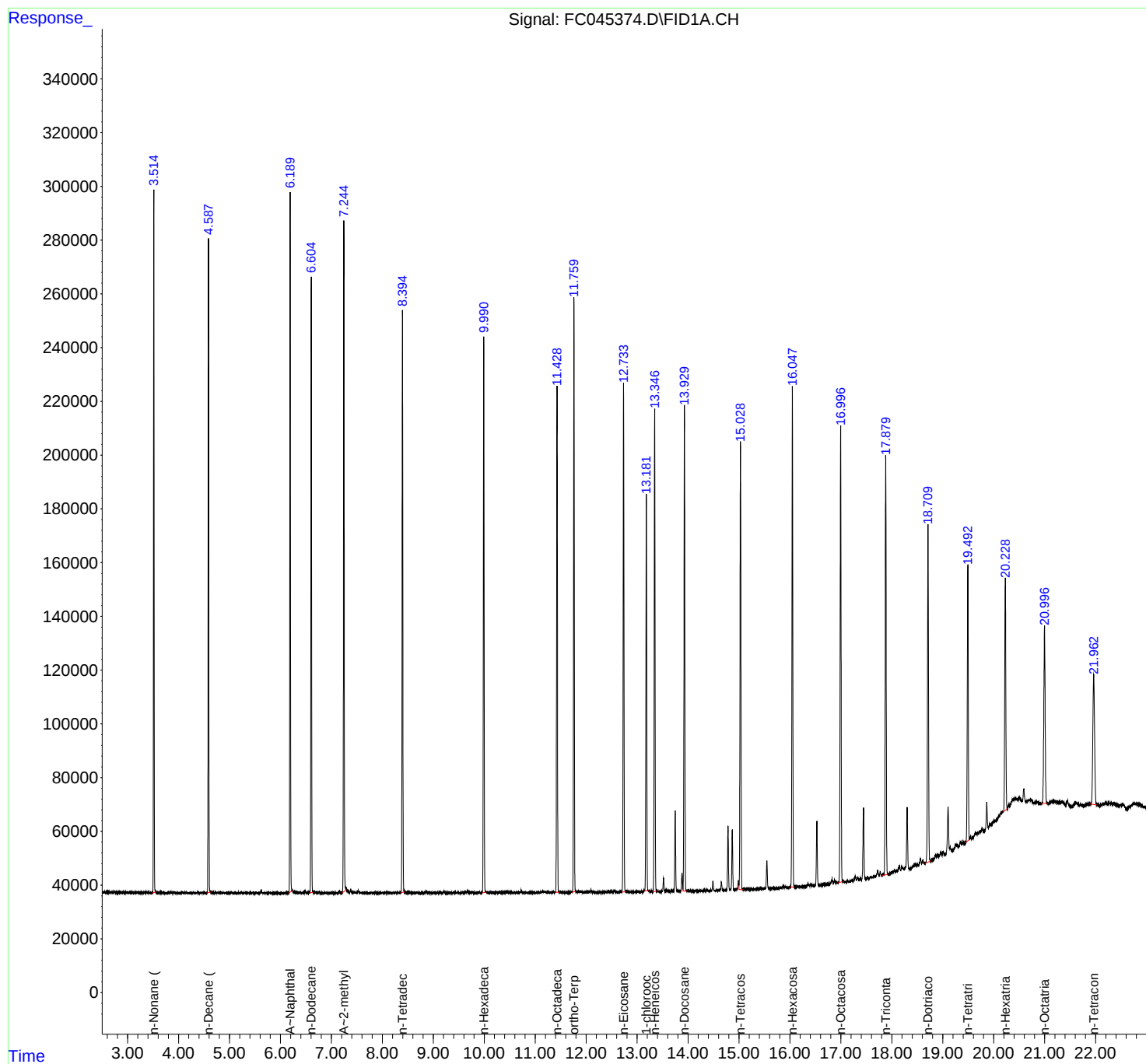
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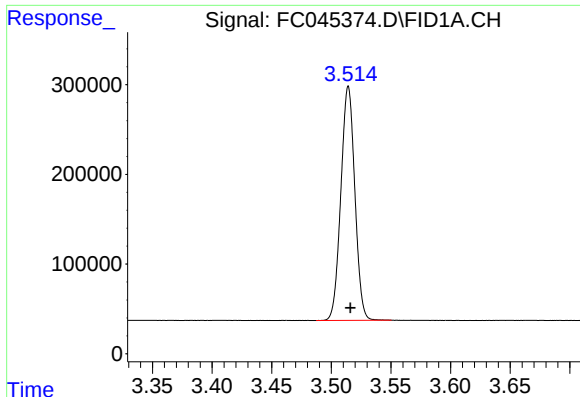
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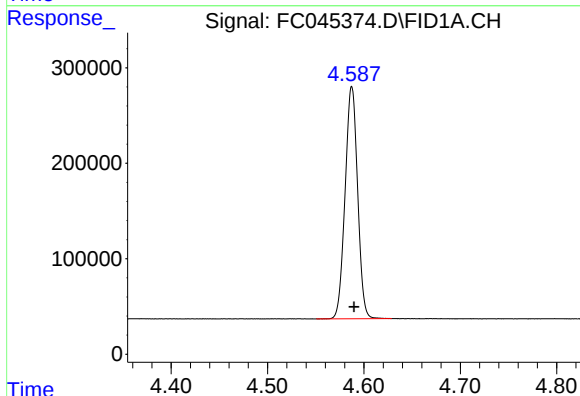




#1 n-Nonane (C9)

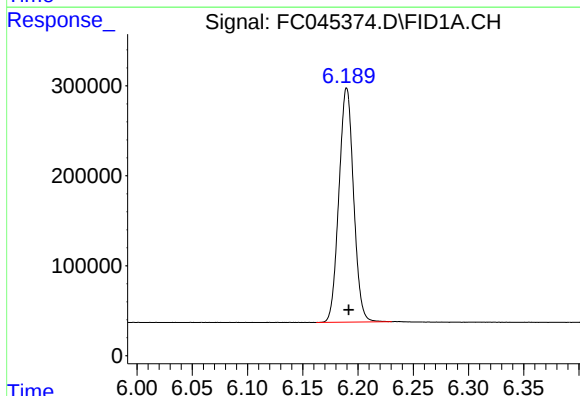
R.T.: 3.514 min
Delta R.T.: -0.002 min
Response: 2129638
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



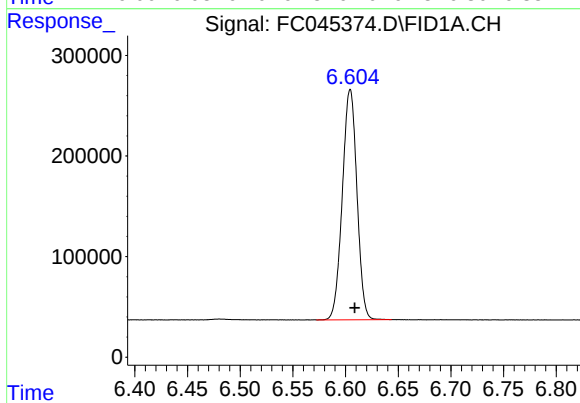
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 2179588
Conc: 21.61 ug/ml



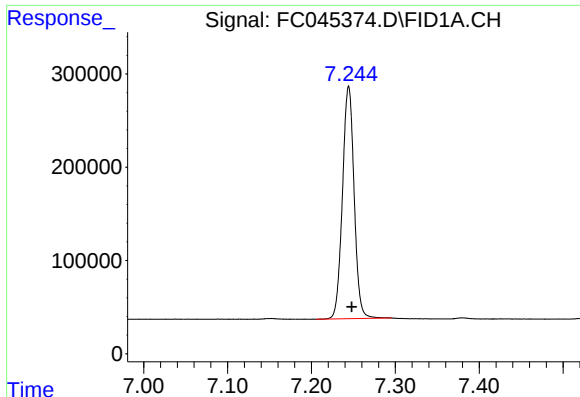
#3 A~Naphthalene (C11.7)

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 2402536
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

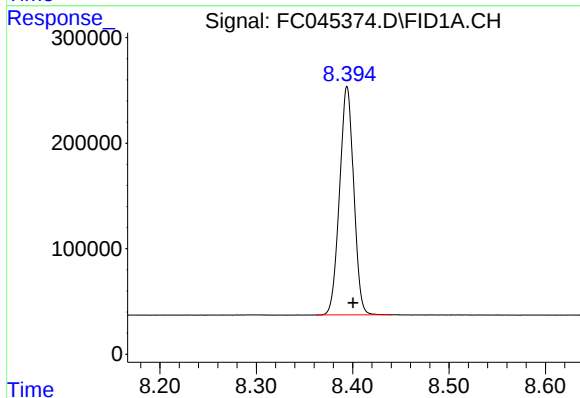
R.T.: 6.604 min
Delta R.T.: -0.004 min
Response: 2209414
Conc: 21.71 ug/ml



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

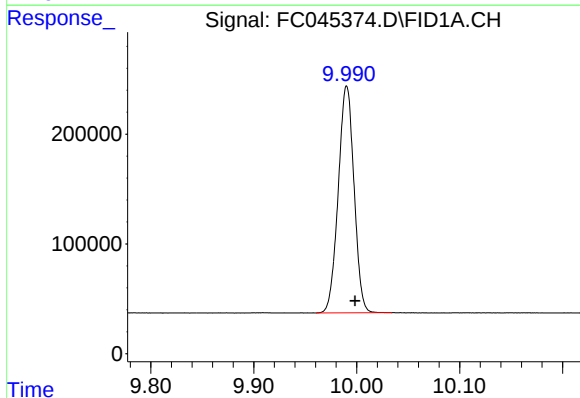
R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2412973
Conc: 21.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



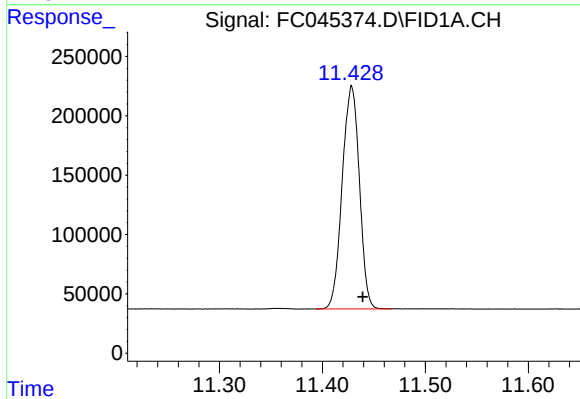
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.006 min
Response: 2208079
Conc: 21.66 ug/ml



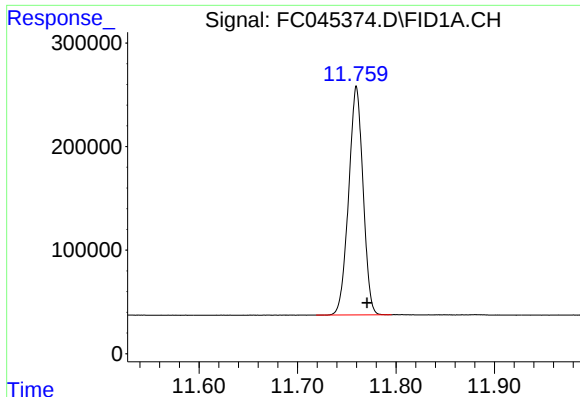
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 2201784
Conc: 21.39 ug/ml



#8 n-Octadecane (C18)

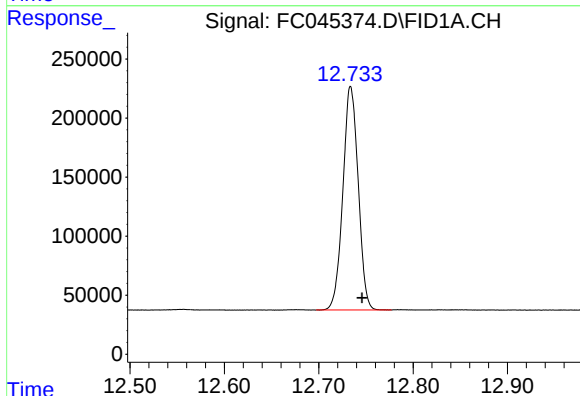
R.T.: 11.429 min
Delta R.T.: -0.011 min
Response: 2179910
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

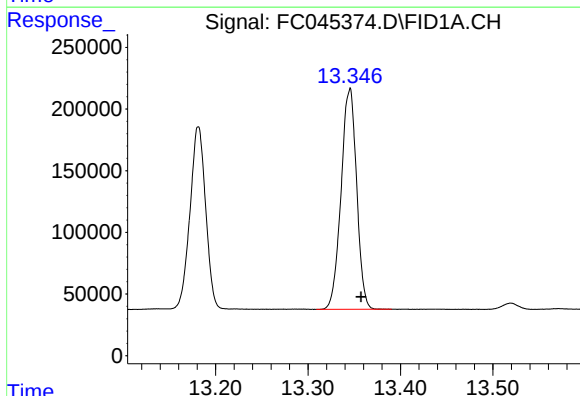
R.T.: 11.760 min
Delta R.T.: -0.011 min
Response: 2240832
Conc: 19.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



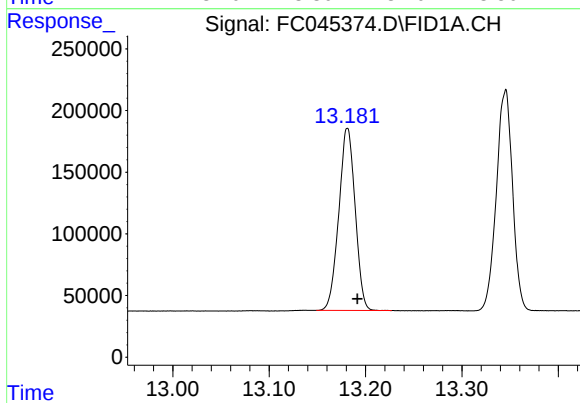
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.012 min
Response: 2137848
Conc: 20.43 ug/ml



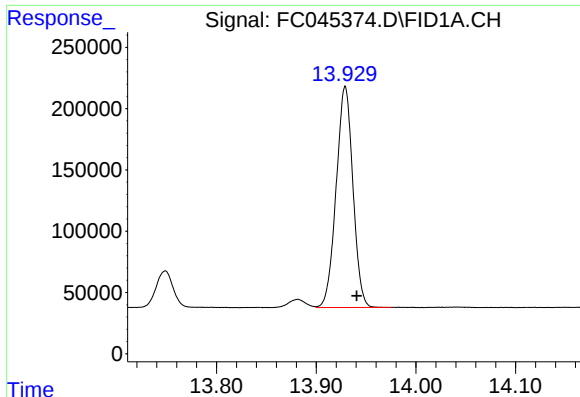
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.012 min
Response: 2096514
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

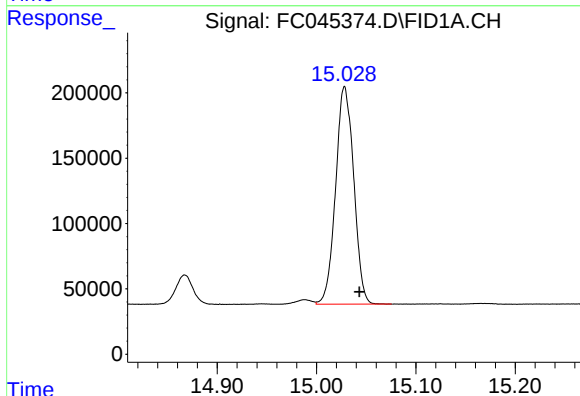
R.T.: 13.181 min
Delta R.T.: -0.010 min
Response: 1736840
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

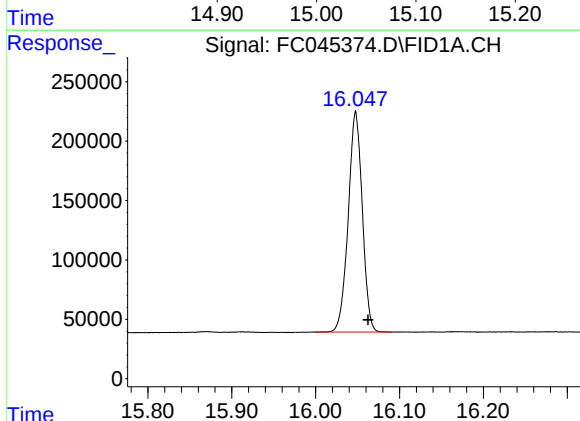
R.T.: 13.929 min
Delta R.T.: -0.012 min
Response: 2105713
Conc: 19.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



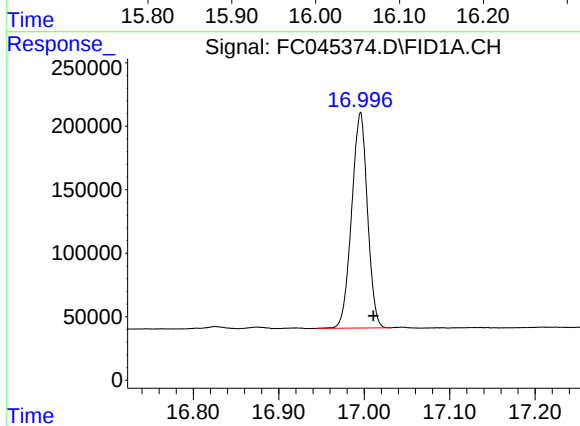
#14 n-Tetracosane (C24)

R.T.: 15.028 min
Delta R.T.: -0.015 min
Response: 2110005
Conc: 19.75 ug/ml



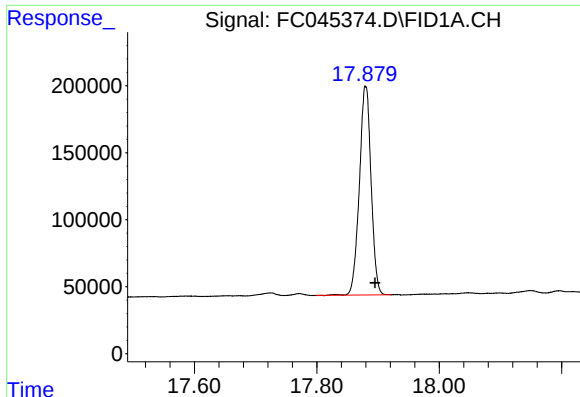
#15 n-Hexacosane (C26)

R.T.: 16.048 min
Delta R.T.: -0.015 min
Response: 2163469
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

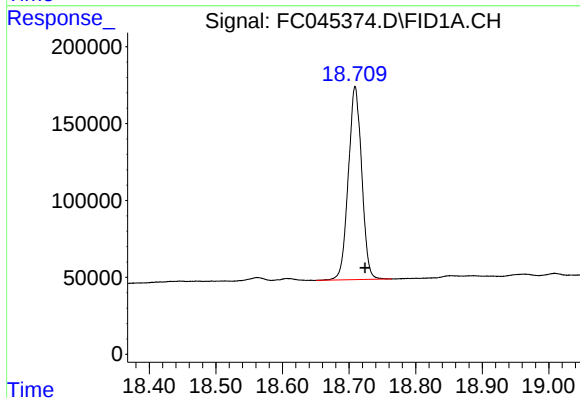
R.T.: 16.996 min
Delta R.T.: -0.015 min
Response: 2178095
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

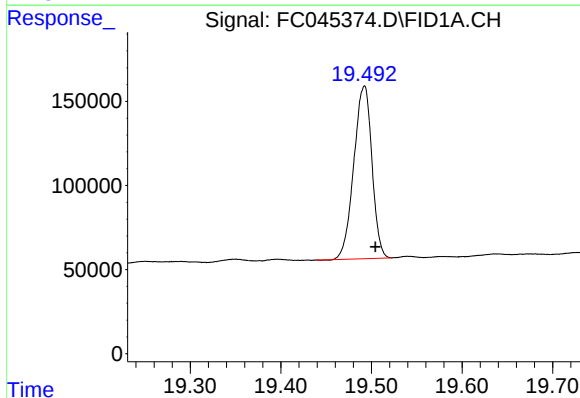
R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 2073181
Conc: 20.34 ug/ml

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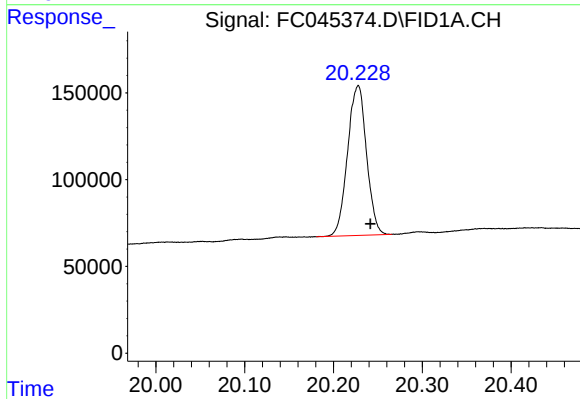
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: -0.015 min
Response: 1753493
Conc: 20.27 ug/ml



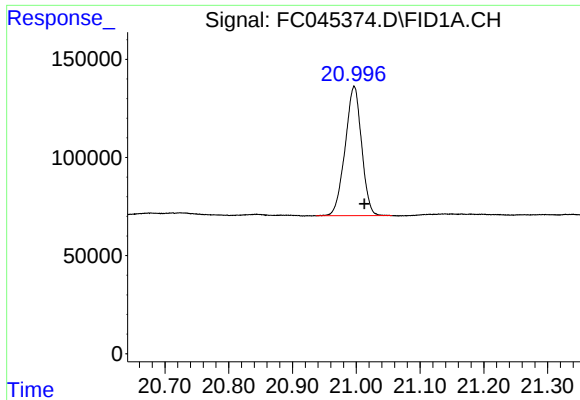
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: -0.012 min
Response: 1426681
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

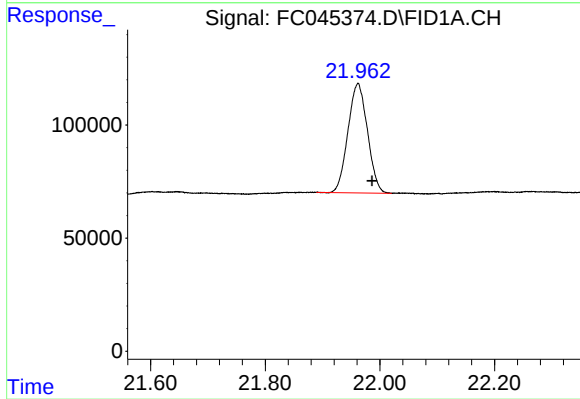
R.T.: 20.228 min
Delta R.T.: -0.014 min
Response: 1279216
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: -0.016 min
Response: 1180632
Conc: 19.99 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.025 min
Response: 1142759
Conc: 19.32 ug/ml