

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090924AL\
 Data File : FE049972.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 13:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 10 02:00:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.878	3024288	18.702 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	13.314	2323861	19.047 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.267	2799389	18.089 ug/ml
2) T n-Decane (C10)	4.517	2877812	18.227 ug/ml
3) T A~Naphthalene (C11.7)	6.226	2952959	18.404 ug/ml
4) T n-Dodecane (C12)	6.685	2881963	18.332 ug/ml
5) T A~2-methylnaphthalene...	7.322	2776955	18.543 ug/ml
6) T n-Tetradecane (C14)	8.512	2839242	18.391 ug/ml
7) T n-Hexadecane (C16)	10.118	2922740	18.714 ug/ml
8) T n-Octadecane (C18)	11.560	2943357	18.741 ug/ml
10) T n-Eicosane (C20)	12.868	2817172	18.868 ug/ml
11) T n-Heneicosane (C21)	13.479	2759514	18.811 ug/ml
13) T n-Docosane (C22)	14.064	2734743	18.763 ug/ml
14) T n-Tetracosane (C24)	15.167	2766015	19.015 ug/ml
15) T n-Hexacosane (C26)	16.186	2731456	18.926 ug/ml
16) T n-Octacosane (C28)	17.135	2784180	19.329 ug/ml
17) T n-Tricontane (C30)	18.021	2928034	19.559 ug/ml
18) T n-Dotriacontane (C32)	18.854	3004686	19.861 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3027441	19.803 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2953313	19.449 ug/ml
21) T n-Octatriacontane (C38)	21.102	2968970	18.916 ug/ml
22) T n-Tetracontane (C40)	21.996	2829058	18.529 ug/ml

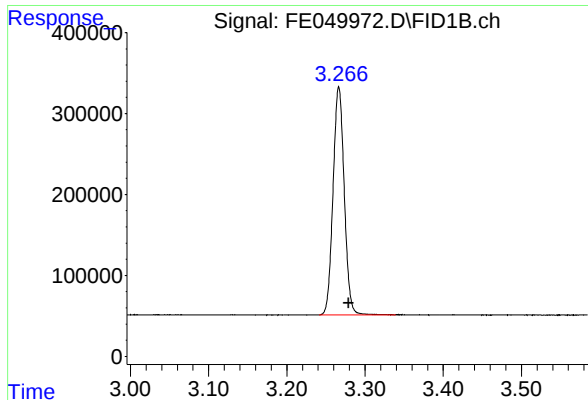
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

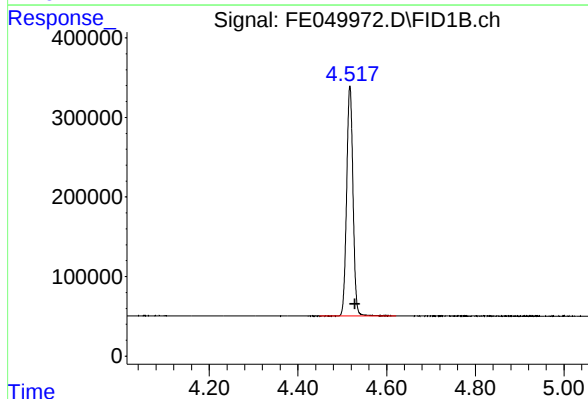




#1 n-Nonane (C9)

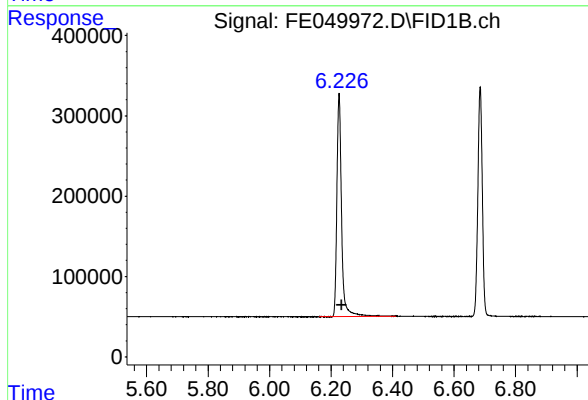
R.T.: 3.267 min
Delta R.T.: -0.012 min
Response: 2799389
Conc: 18.09 ug/ml

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20 PPM ALIPHATIC HC STD



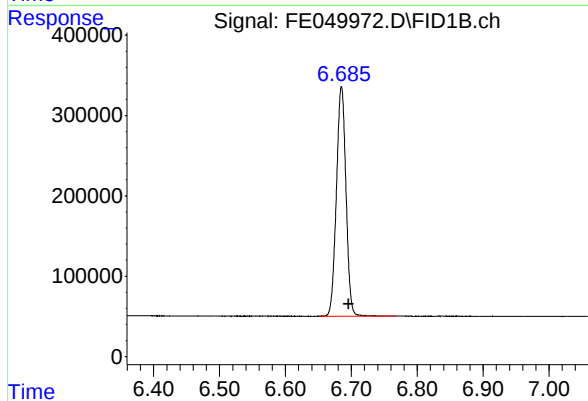
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.011 min
Response: 2877812
Conc: 18.23 ug/ml



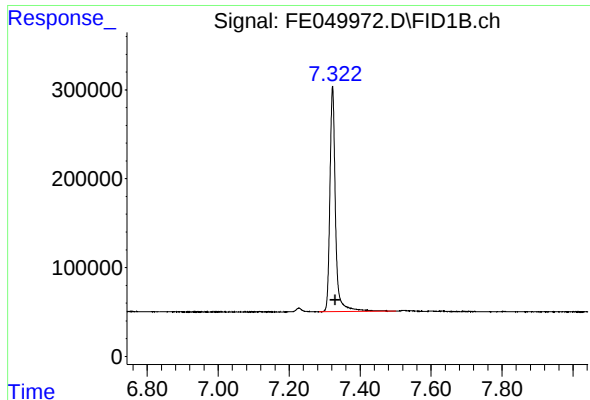
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.009 min
Response: 2952959
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

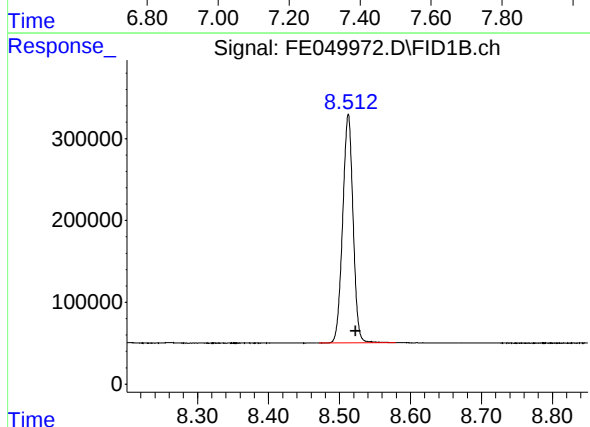
R.T.: 6.685 min
Delta R.T.: -0.011 min
Response: 2881963
Conc: 18.33 ug/ml



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

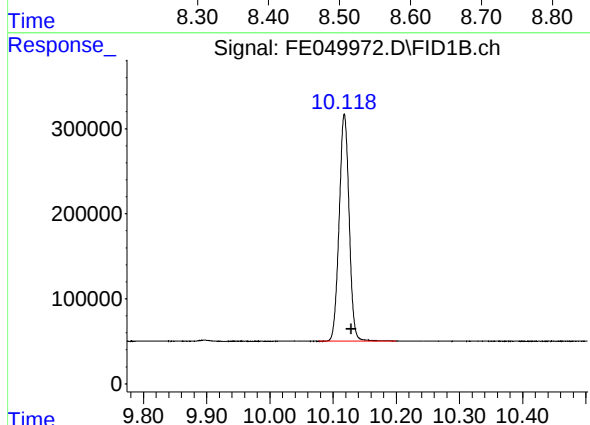
R.T.: 7.322 min
Delta R.T.: -0.008 min
Response: 2776955
Conc: 18.54 ug/ml

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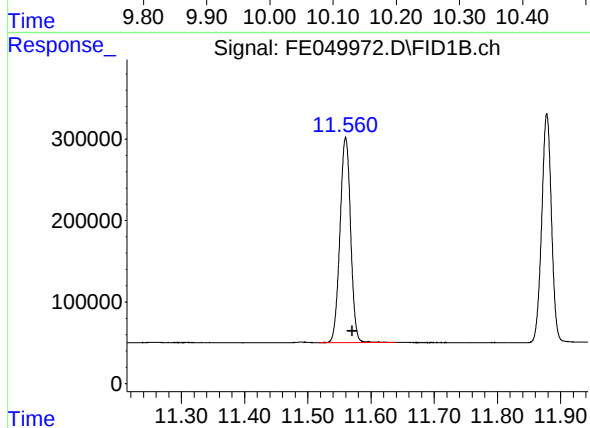
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: -0.010 min
Response: 2839242
Conc: 18.39 ug/ml



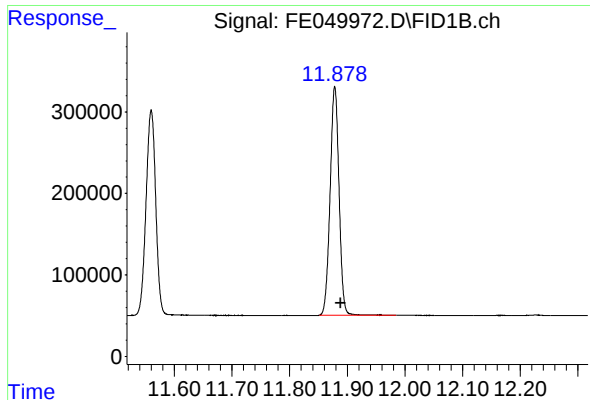
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: -0.011 min
Response: 2922740
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

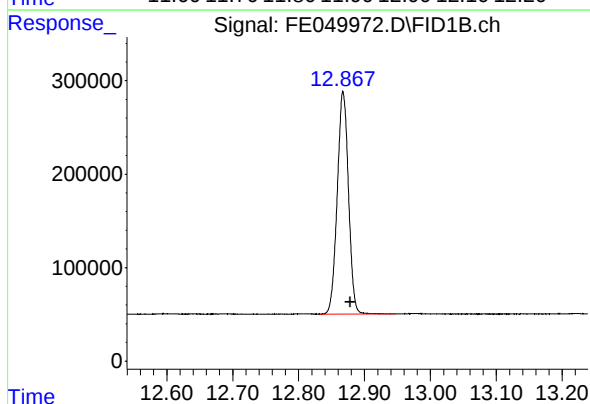
R.T.: 11.560 min
Delta R.T.: -0.011 min
Response: 2943357
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

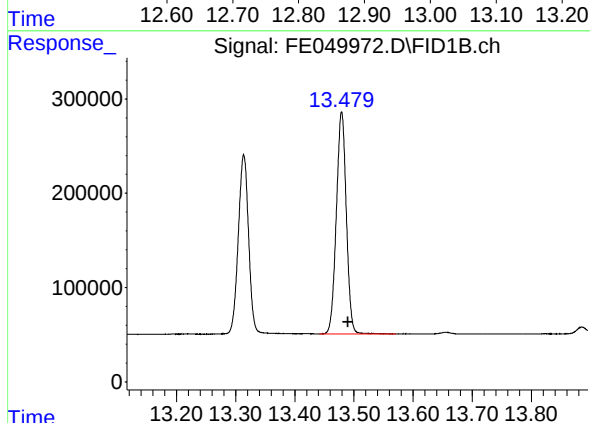
R.T.: 11.878 min
Delta R.T.: -0.010 min
Response: 3024288
Conc: 18.70 ug/ml

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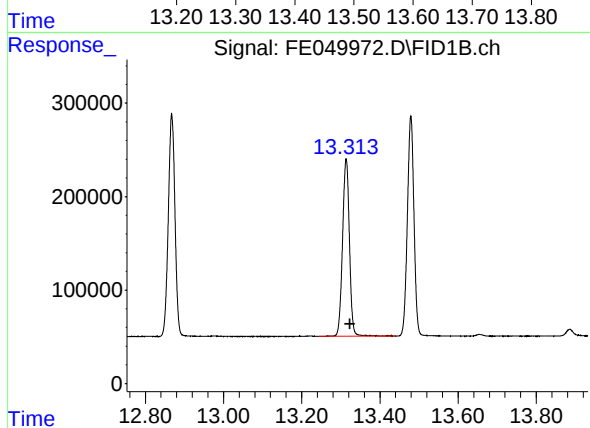
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.011 min
Response: 2817172
Conc: 18.87 ug/ml



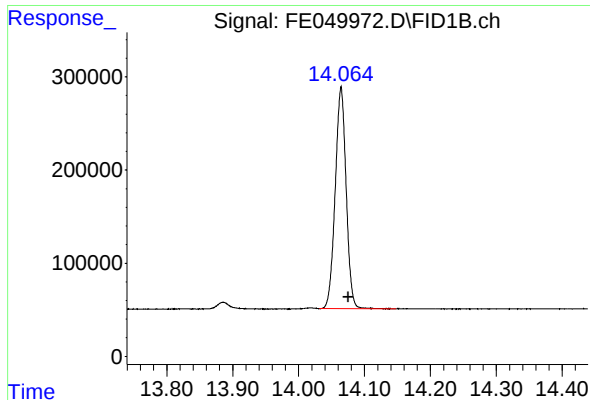
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.011 min
Response: 2759514
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

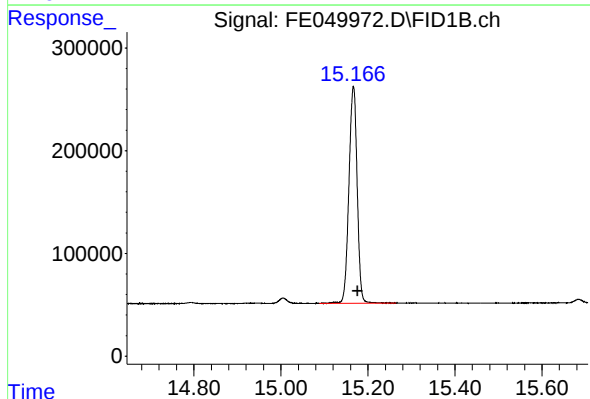
R.T.: 13.314 min
Delta R.T.: -0.010 min
Response: 2323861
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

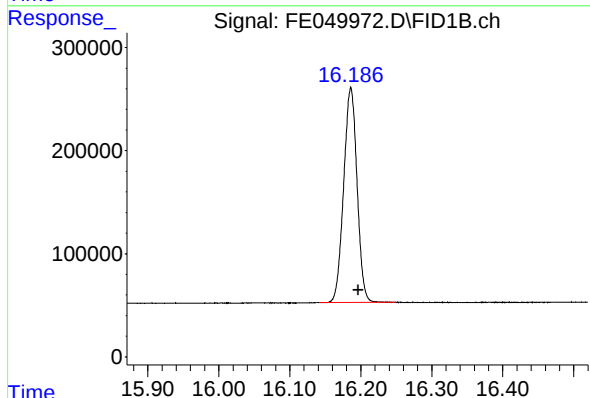
R.T.: 14.064 min
Delta R.T.: -0.011 min
Response: 2734743
Conc: 18.76 ug/ml

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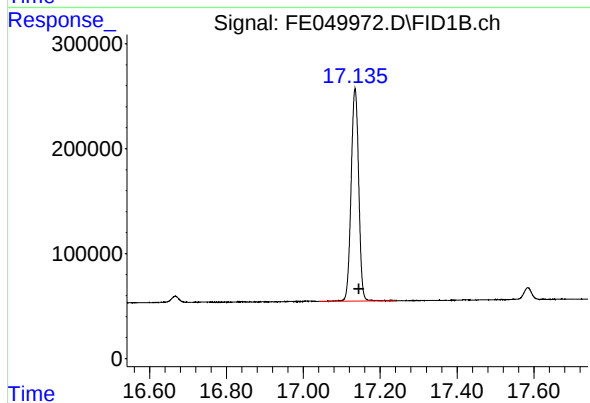
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.010 min
Response: 2766015
Conc: 19.01 ug/ml



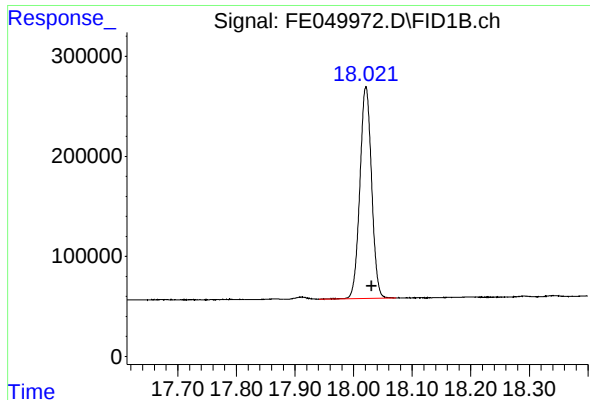
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: -0.011 min
Response: 2731456
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

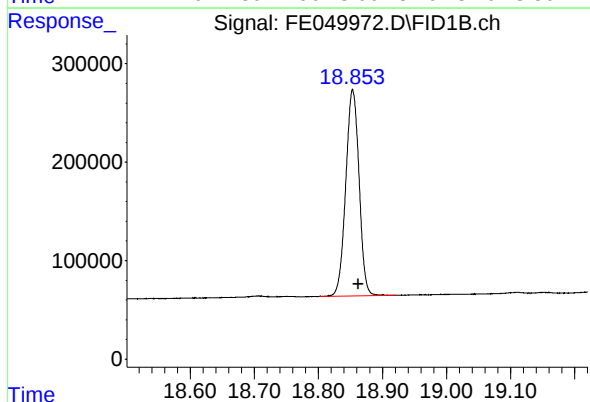
R.T.: 17.135 min
Delta R.T.: -0.010 min
Response: 2784180
Conc: 19.33 ug/ml



#17 n-Tricontane (C30)

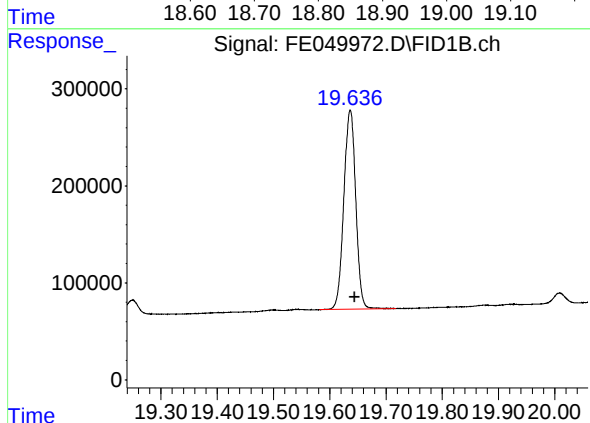
R.T.: 18.021 min
Delta R.T.: -0.010 min
Response: 2928034
Conc: 19.56 ug/ml

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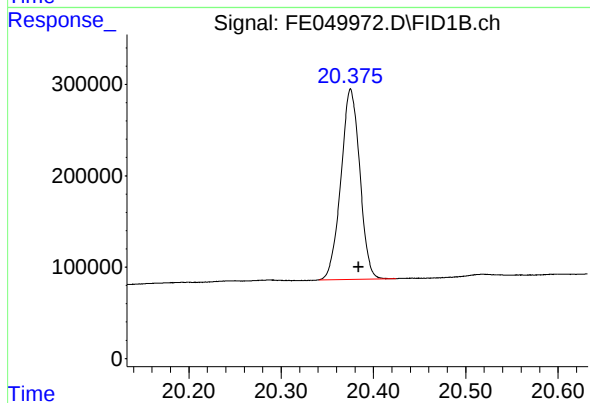
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.009 min
Response: 3004686
Conc: 19.86 ug/ml



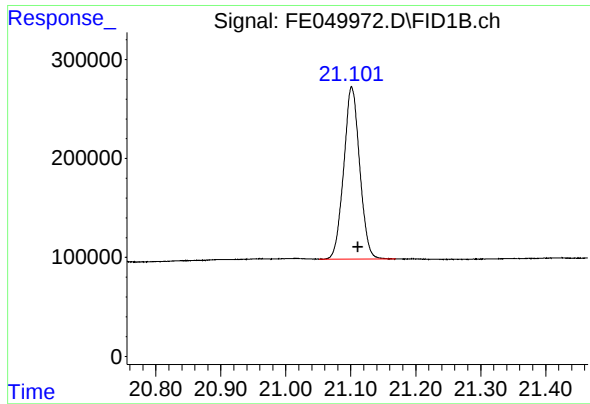
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.008 min
Response: 3027441
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

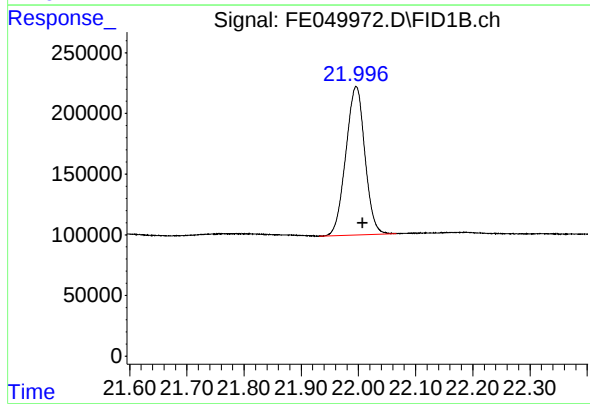
R.T.: 20.375 min
Delta R.T.: -0.008 min
Response: 2953313
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 2968970
Conc: 18.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.011 min
Response: 2829058
Conc: 18.53 ug/ml