

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC063026.D
 Signal(s) : FID1A.ch
 Acq On : 24 Feb 2023 17:09
 Operator : YP/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: Feb 25 02:30:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.532	2575263	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
12) S 1-chlorooctadecane (S...	12.972	1950282	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.294	2385510	20.121 ug/ml
2) T n-Decane (C10)	4.362	2333990	20.241 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2602821	20.352 ug/ml
4) T n-Dodecane (C12)	6.382	2327692	20.158 ug/ml
5) T A~2-methylnaphthalene...	7.003	2419565	20.556 ug/ml
6) T n-Tetradecane (C14)	8.177	2274191	20.122 ug/ml
7) T n-Hexadecane (C16)	9.777	2303829	20.027 ug/ml
8) T n-Octadecane (C18)	11.219	2325299	19.964 ug/ml
10) T n-Eicosane (C20)	12.527	2262905	19.860 ug/ml
11) T n-Heneicosane (C21)	13.140	2266863	19.891 ug/ml
13) T n-Docosane (C22)	13.725	2241244	19.872 ug/ml
14) T n-Tetracosane (C24)	14.826	2237942	19.970 ug/ml
15) T n-Hexacosane (C26)	15.846	2216483	20.042 ug/ml
16) T n-Octacosane (C28)	16.793	2218280	20.160 ug/ml
17) T n-Tricontane (C30)	17.680	2249017	20.423 ug/ml
18) T n-Dotriacontane (C32)	18.509	2296806	20.580 ug/ml
19) T n-Tetratriacontane (C34)	19.293	2293114	20.517 ug/ml
20) T n-Hexatriacontane (C36)	20.029	2203863	20.302 ug/ml
21) T n-Octatriacontane (C38)	20.756	2207944	20.319 ug/ml
22) T n-Tetracontane (C40)	21.655	2213241	20.344 ug/ml

(f)=RT Delta > 1/2 Window

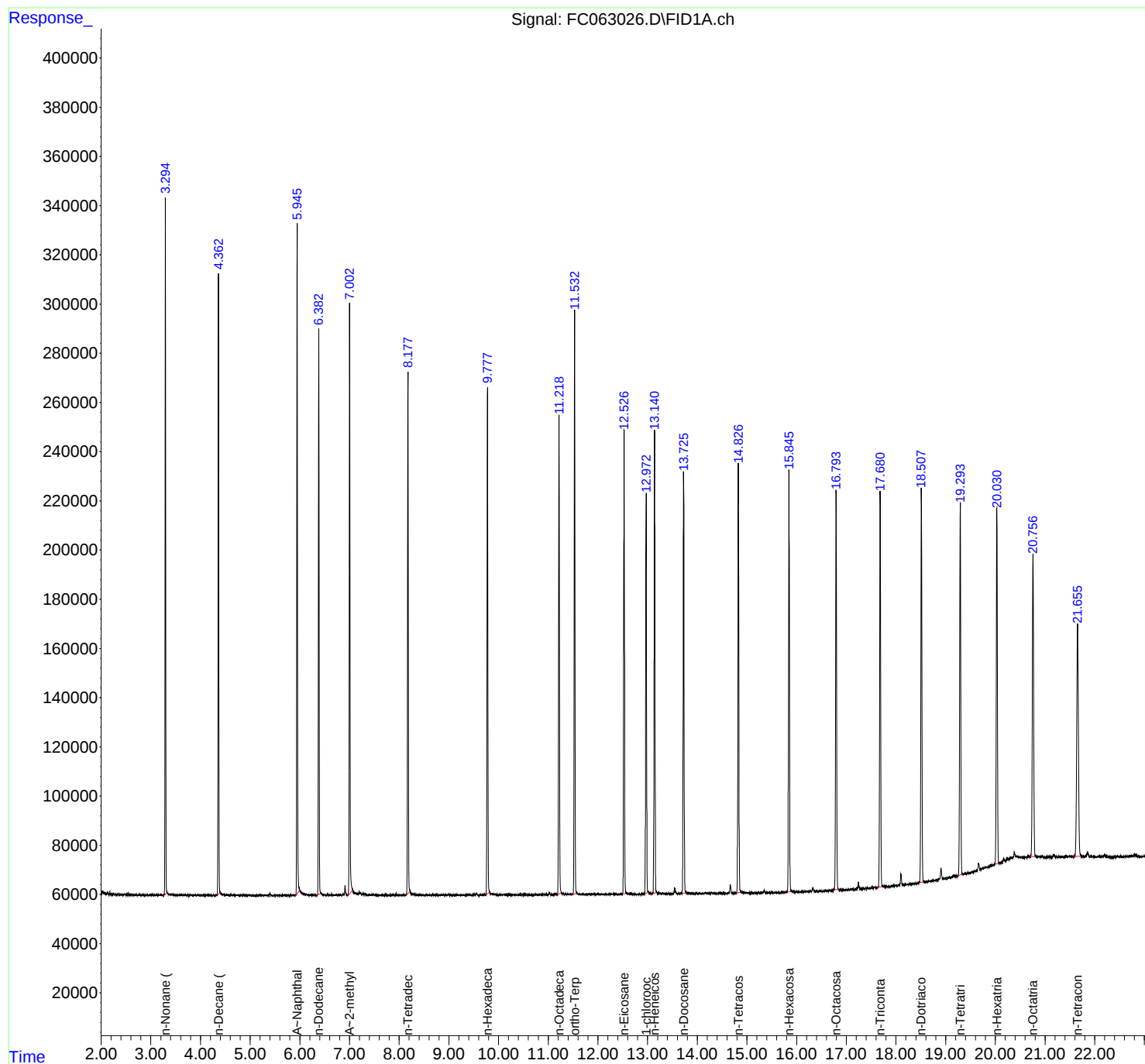
(m)=manual int.

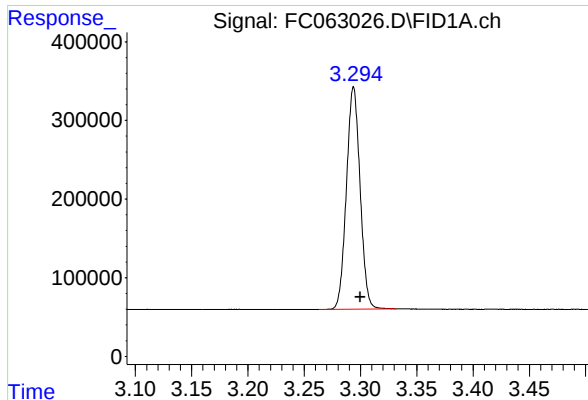
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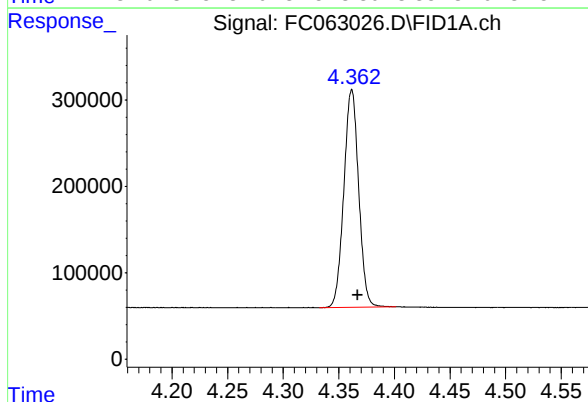




#1 n-Nonane (C9)

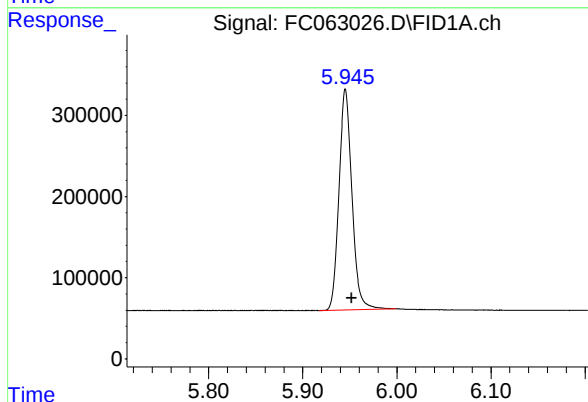
R.T.: 3.294 min
Delta R.T.: -0.006 min
Response: 2385510
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



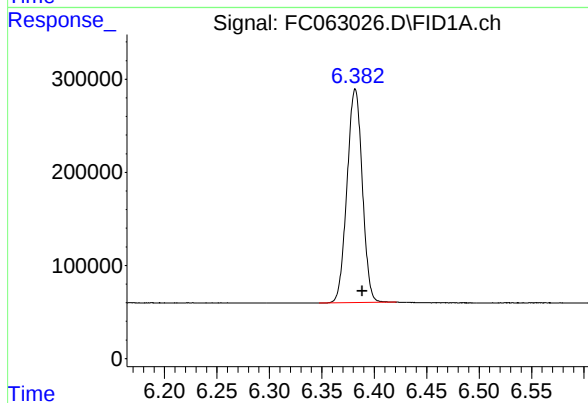
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.006 min
Response: 2333990
Conc: 20.24 ug/ml



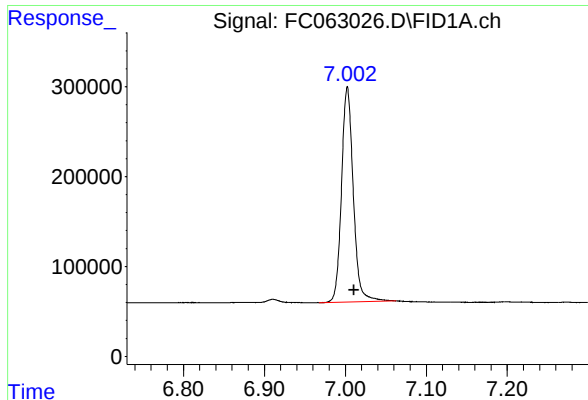
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 2602821
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

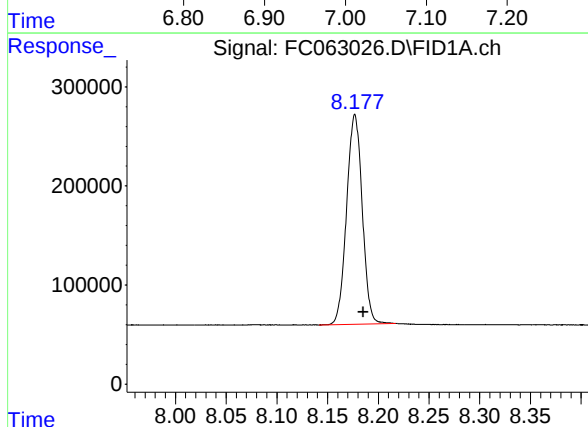
R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 2327692
Conc: 20.16 ug/ml



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

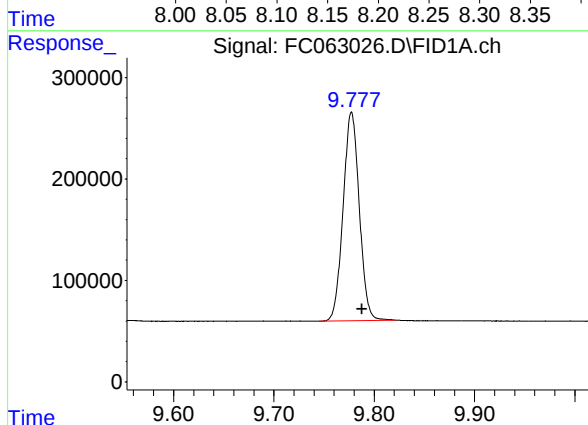
R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 2419565
Conc: 20.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



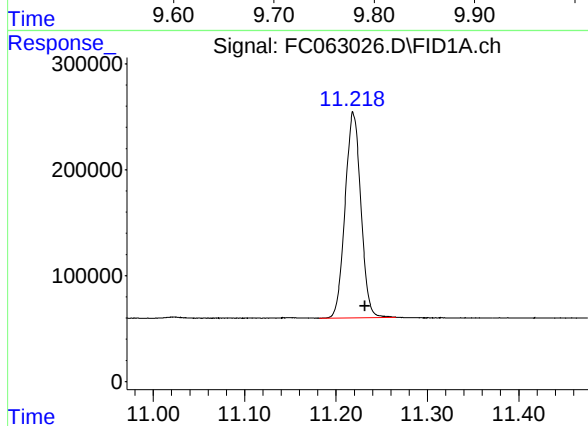
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2274191
Conc: 20.12 ug/ml



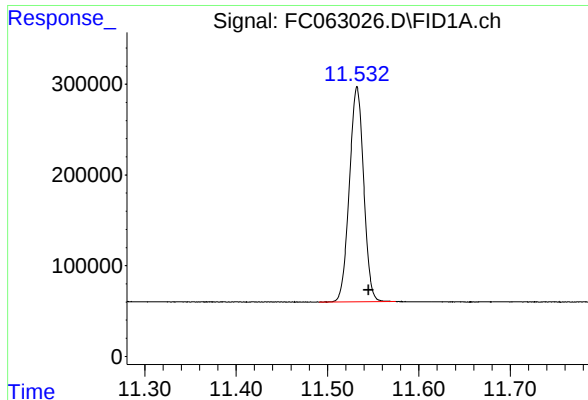
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.010 min
Response: 2303829
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

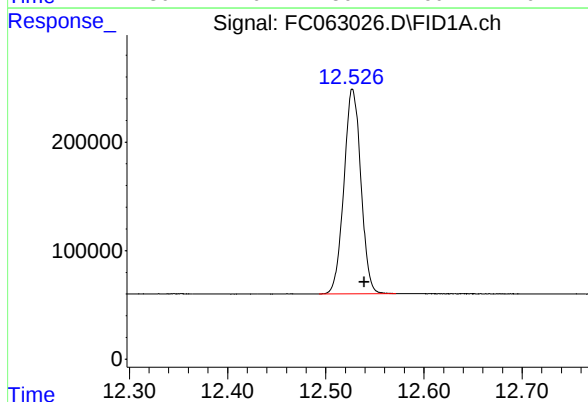
R.T.: 11.219 min
Delta R.T.: -0.012 min
Response: 2325299
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

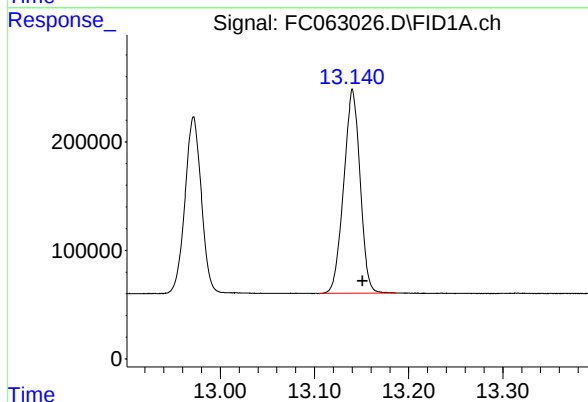
R.T.: 11.532 min
Delta R.T.: -0.013 min
Response: 2575263
Conc: 19.84 ug/ml

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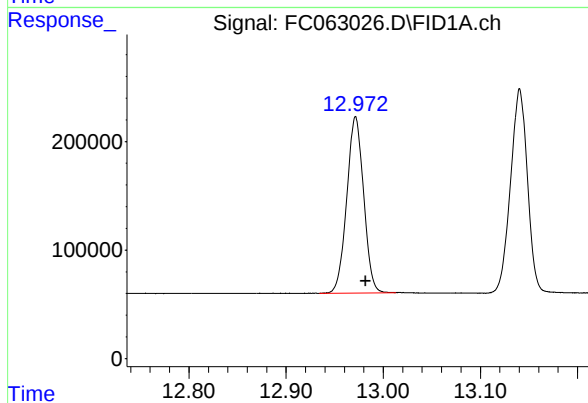
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.012 min
Response: 2262905
Conc: 19.86 ug/ml



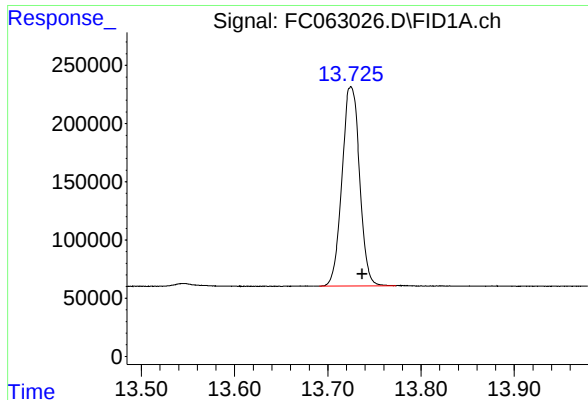
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.011 min
Response: 2266863
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

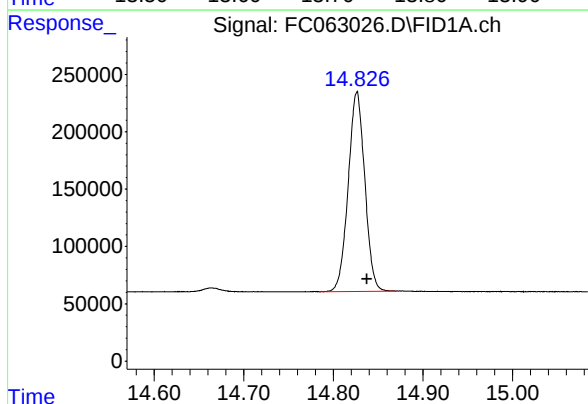
R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 1950282
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

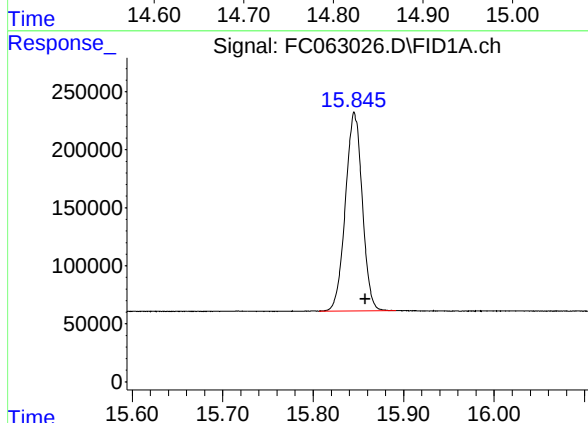
R.T.: 13.725 min
Delta R.T.: -0.012 min
Response: 2241244
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



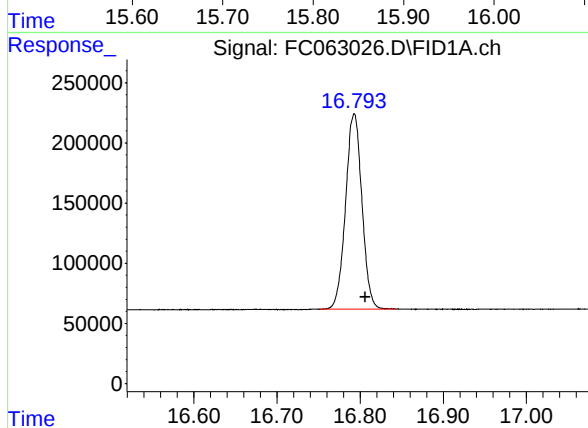
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 2237942
Conc: 19.97 ug/ml



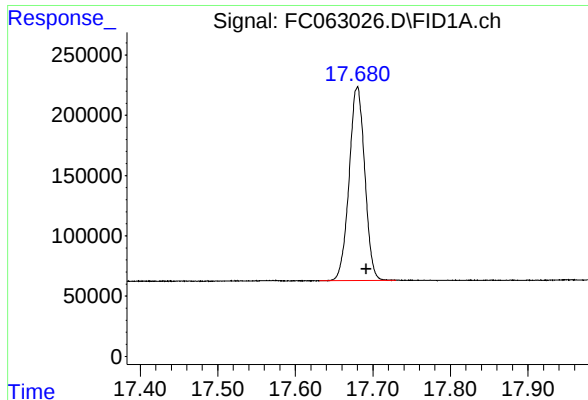
#15 n-Hexacosane (C26)

R.T.: 15.846 min
Delta R.T.: -0.012 min
Response: 2216483
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

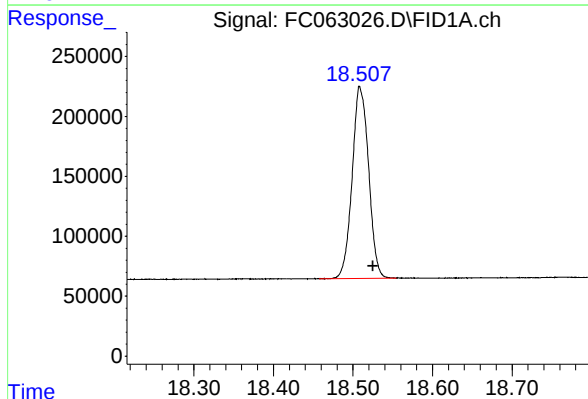
R.T.: 16.793 min
Delta R.T.: -0.013 min
Response: 2218280
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

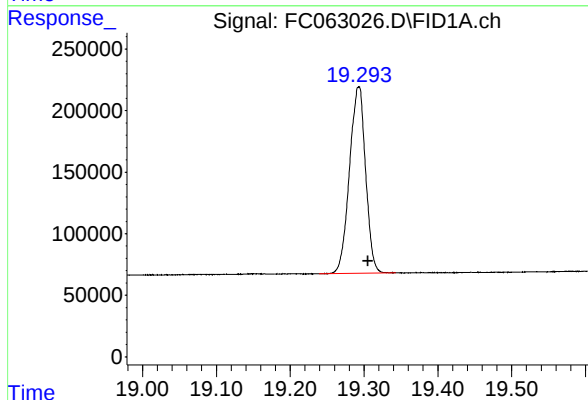
R.T.: 17.680 min
Delta R.T.: -0.012 min
Response: 2249017
Conc: 20.42 ug/ml

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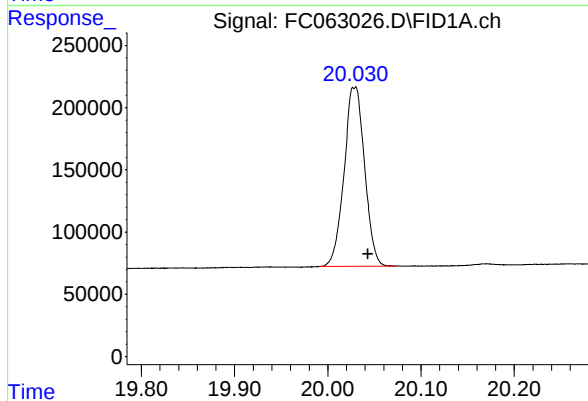
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.016 min
Response: 2296806
Conc: 20.58 ug/ml



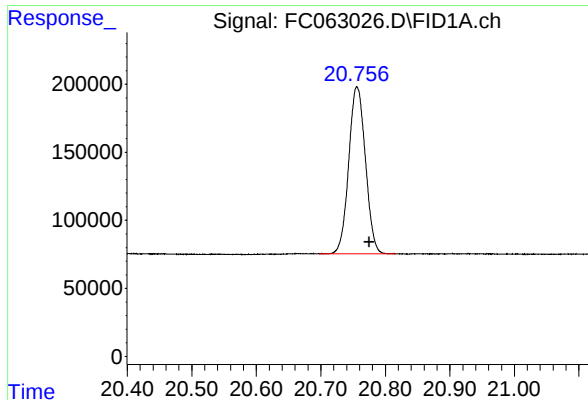
#19 n-Tetatriacontane (C34)

R.T.: 19.293 min
Delta R.T.: -0.012 min
Response: 2293114
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

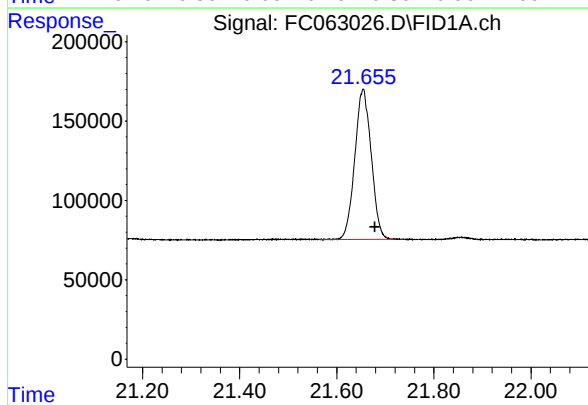
R.T.: 20.029 min
Delta R.T.: -0.014 min
Response: 2203863
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.019 min
Response: 2207944
Conc: 20.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.655 min
Delta R.T.: -0.024 min
Response: 2213241
Conc: 20.34 ug/ml