

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042423AL\
 Data File : FC063462.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2023 14:49
 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: Apr 25 02:47:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.538	2982222	19.601 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	12.975	2228044	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T n-Nonane (C9)	3.304	2777594	19.784 ug/ml
2) T n-Decane (C10)	4.370	2738542	20.096 ug/ml
3) T A~Naphthalene (C11.7)	5.955	2973459	19.692 ug/ml
4) T n-Dodecane (C12)	6.389	2724973	20.256 ug/ml
5) T A~2-methylnaphthalene...	7.012	2759230	19.810 ug/ml
6) T n-Tetradecane (C14)	8.184	2663173	19.672 ug/ml
7) T n-Hexadecane (C16)	9.783	2689457	19.805 ug/ml
8) T n-Octadecane (C18)	11.224	2702470	19.511 ug/ml
10) T n-Eicosane (C20)	12.532	2629259	19.570 ug/ml
11) T n-Heneicosane (C21)	13.142	2633297	19.566 ug/ml
13) T n-Docosane (C22)	13.727	2614260	19.604 ug/ml
14) T n-Tetracosane (C24)	14.828	2683755	19.960 ug/ml
15) T n-Hexacosane (C26)	15.847	2640119	19.724 ug/ml
16) T n-Octacosane (C28)	16.793	2702859	19.962 ug/ml
17) T n-Tricontane (C30)	17.680	2858210	20.662 ug/ml
18) T n-Dotriacontane (C32)	18.510	2956475	20.941 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2862152	20.740 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2695062	21.085 ug/ml
21) T n-Octatriacontane (C38)	20.758	2619437	21.273 ug/ml
22) T n-Tetracontane (C40)	21.656	2590270	22.011 ug/ml

(f)=RT Delta > 1/2 Window

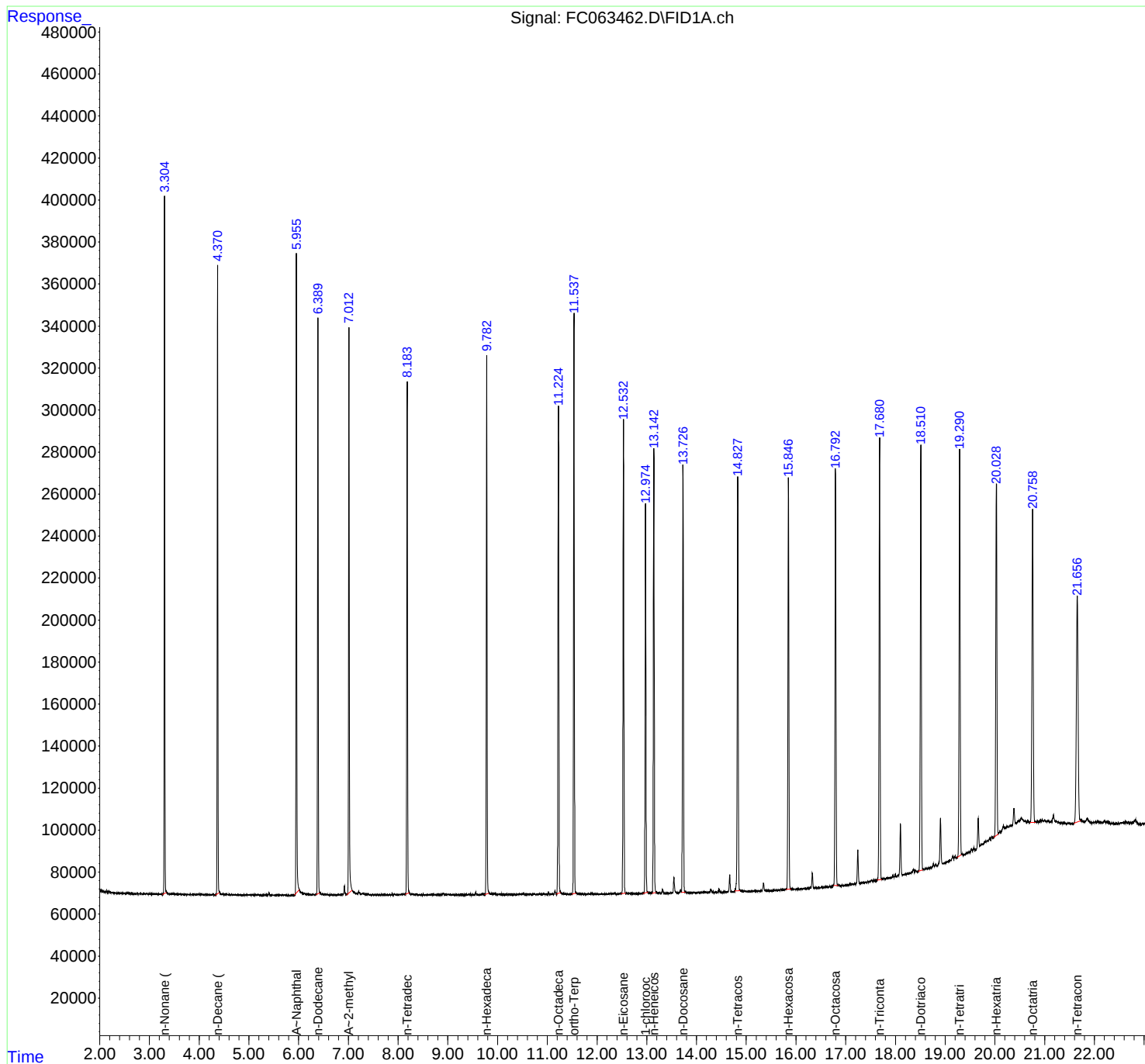
(m)=manual int.

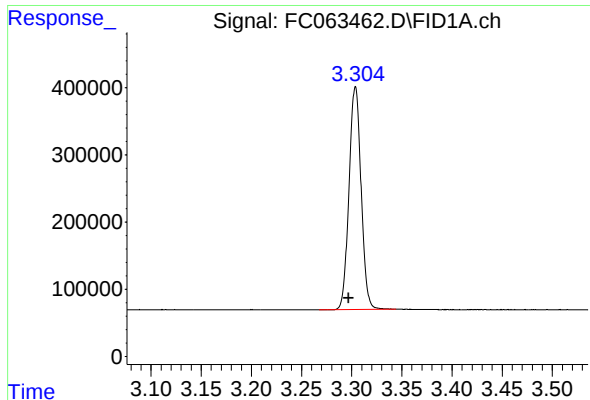
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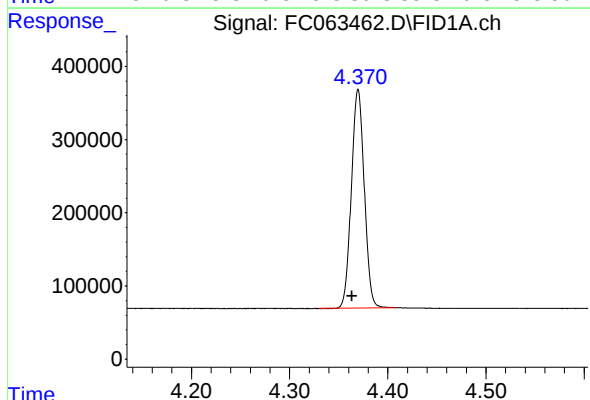




#1 n-Nonane (C9)

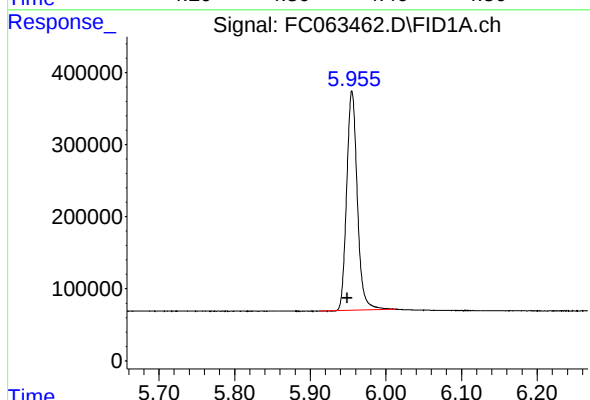
R.T.: 3.304 min
Delta R.T.: 0.007 min
Response: 2777594
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



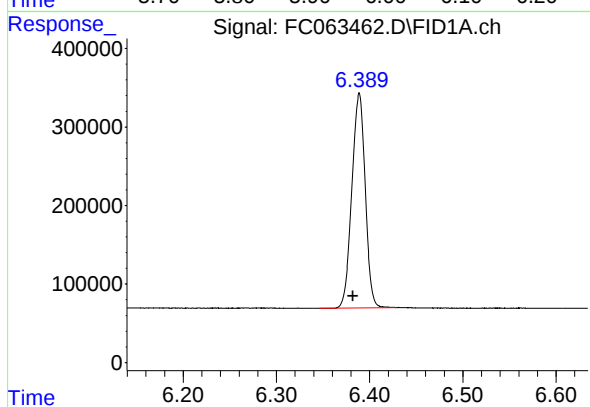
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.006 min
Response: 2738542
Conc: 20.10 ug/ml



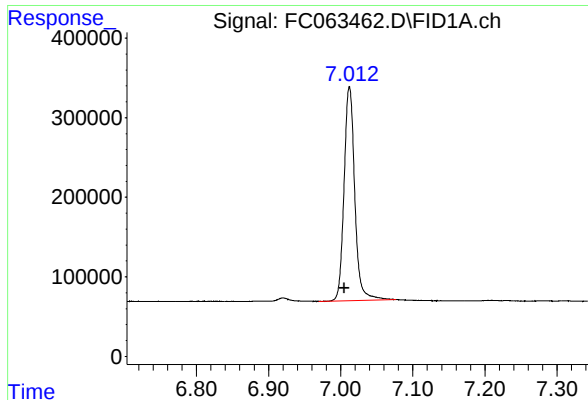
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.006 min
Response: 2973459
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

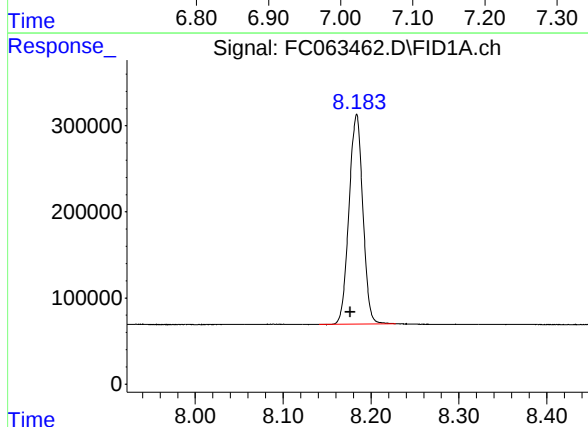
R.T.: 6.389 min
Delta R.T.: 0.007 min
Response: 2724973
Conc: 20.26 ug/ml



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

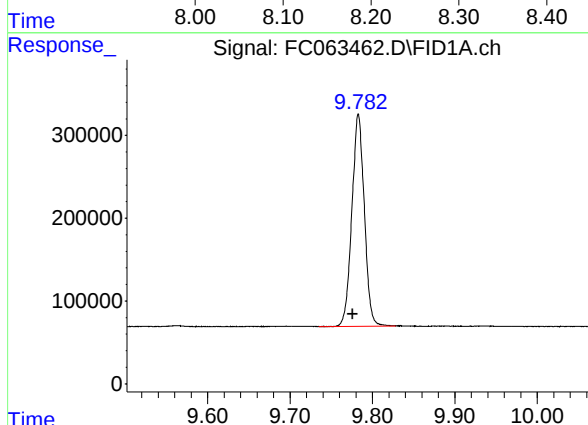
R.T.: 7.012 min
Delta R.T.: 0.007 min
Response: 2759230
Conc: 19.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



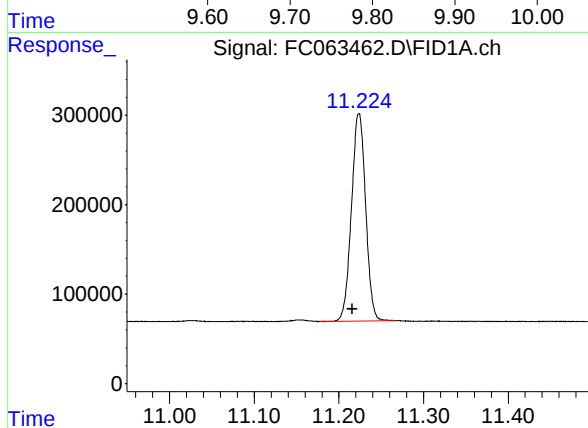
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.007 min
Response: 2663173
Conc: 19.67 ug/ml



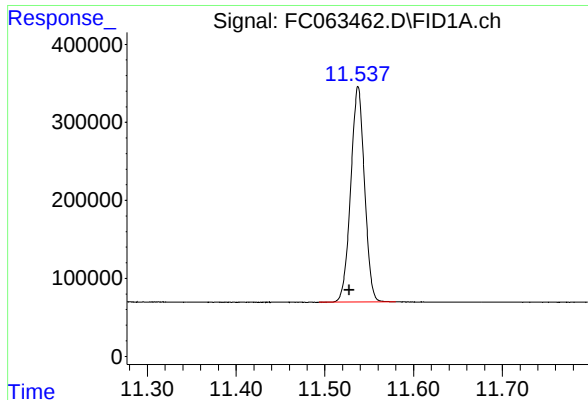
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.007 min
Response: 2689457
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

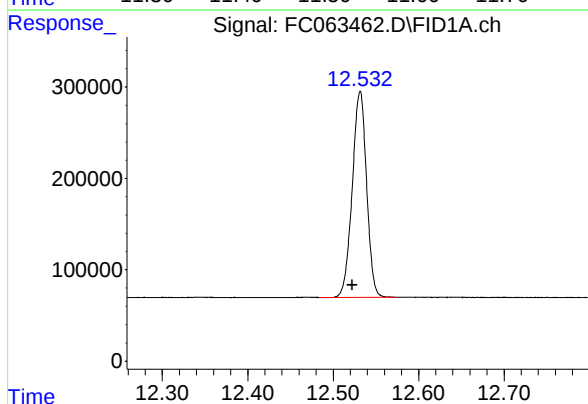
R.T.: 11.224 min
Delta R.T.: 0.008 min
Response: 2702470
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURRE)

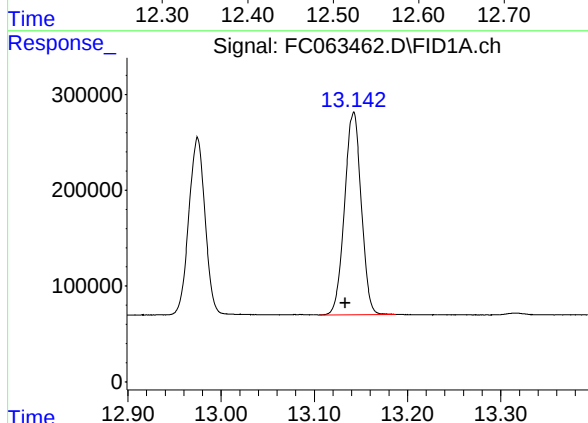
R.T.: 11.538 min
Delta R.T.: 0.010 min
Response: 2982222
Conc: 19.60 ug/ml

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20 PPM ALIPHATIC HC STD



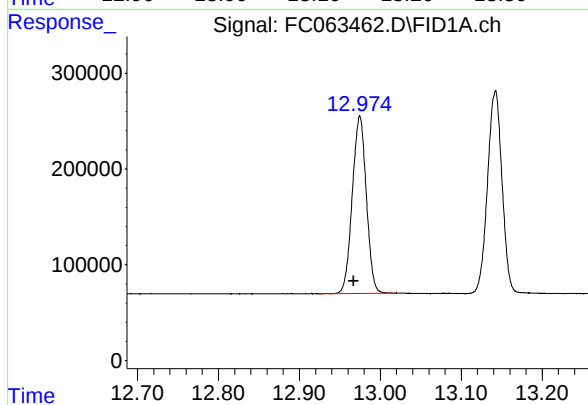
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.009 min
Response: 2629259
Conc: 19.57 ug/ml



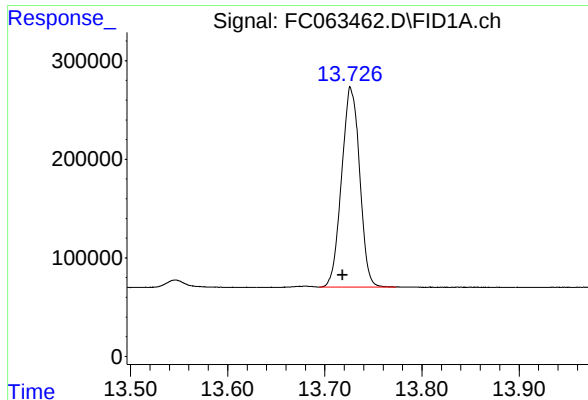
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: 0.009 min
Response: 2633297
Conc: 19.57 ug/ml



#12 1-chlorooctadecane (SURRE)

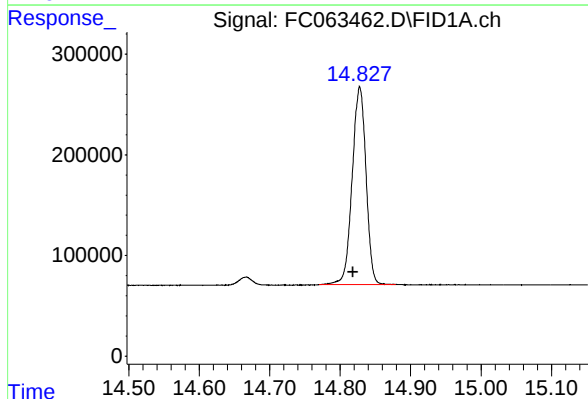
R.T.: 12.975 min
Delta R.T.: 0.008 min
Response: 2228044
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

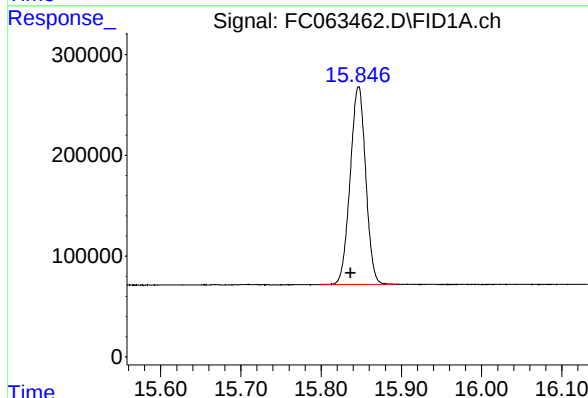
R.T.: 13.727 min
Delta R.T.: 0.008 min
Response: 2614260
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



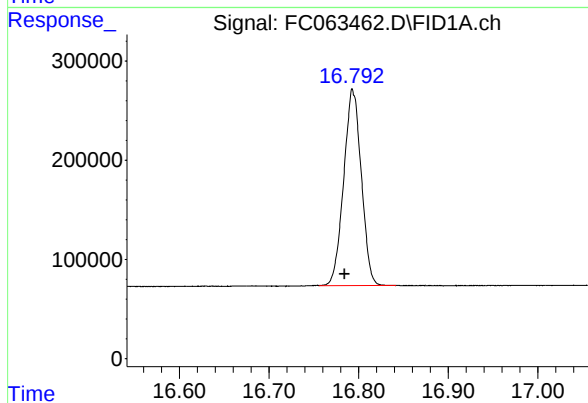
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: 0.010 min
Response: 2683755
Conc: 19.96 ug/ml



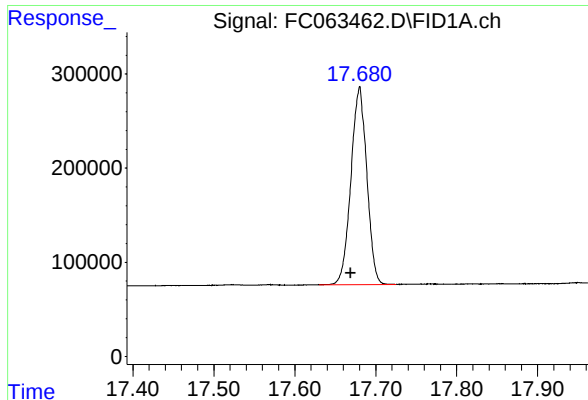
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: 0.010 min
Response: 2640119
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

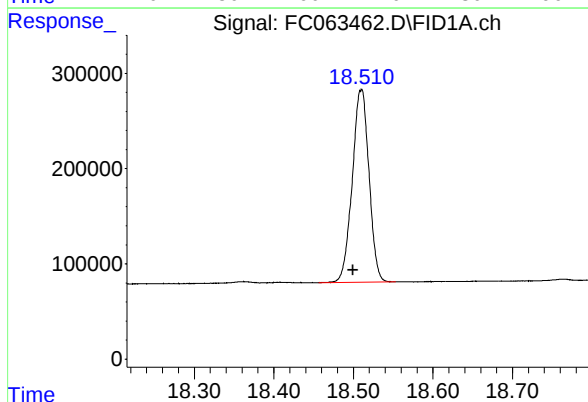
R.T.: 16.793 min
Delta R.T.: 0.009 min
Response: 2702859
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

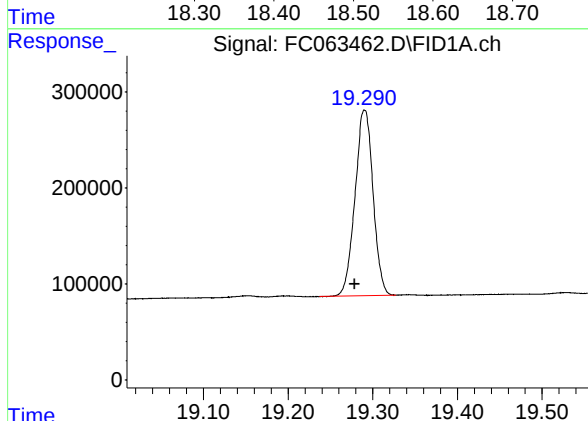
R.T.: 17.680 min
Delta R.T.: 0.011 min
Response: 2858210
Conc: 20.66 ug/ml

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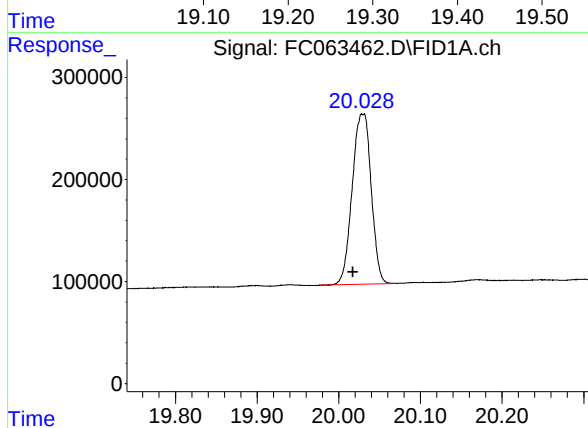
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: 0.011 min
Response: 2956475
Conc: 20.94 ug/ml



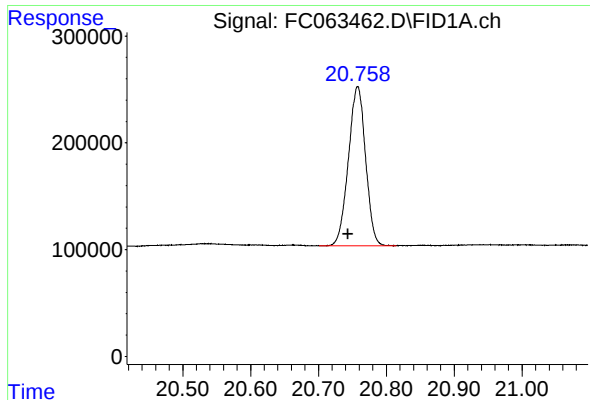
#19 n-Tetatriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.012 min
Response: 2862152
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

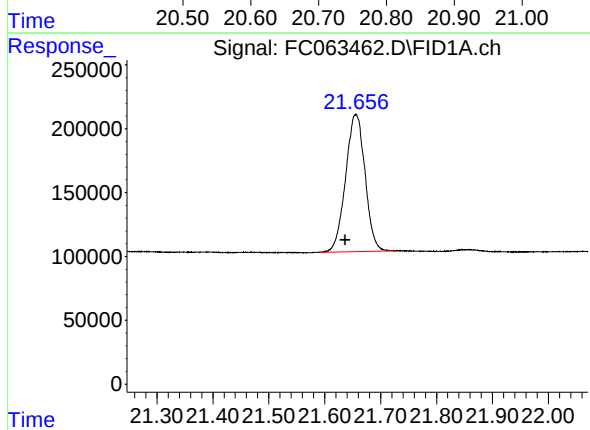
R.T.: 20.030 min
Delta R.T.: 0.012 min
Response: 2695062
Conc: 21.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.015 min
Response: 2619437
Conc: 21.27 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.656 min
Delta R.T.: 0.019 min
Response: 2590270
Conc: 22.01 ug/ml