

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040423AL\
 Data File : FC063286.D
 Signal(s) : FID1A.ch
 Acq On : 04 Apr 2023 11:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 05 01:00:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.529	2390817	18.261 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
12) S 1-chlorooctadecane (S...	12.967	1718427	17.810 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
Target Compounds			
1) T n-Nonane (C9)	3.301	2132101	17.626 ug/ml
2) T n-Decane (C10)	4.366	2083542	17.707 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2282105	17.723 ug/ml
4) T n-Dodecane (C12)	6.383	2070878	17.624 ug/ml
5) T A~2-methylnaphthalene...	7.005	2112971	17.964 ug/ml
6) T n-Tetradecane (C14)	8.178	2085518	18.115 ug/ml
7) T n-Hexadecane (C16)	9.777	2132203	18.302 ug/ml
8) T n-Octadecane (C18)	11.217	2186477	18.494 ug/ml
10) T n-Eicosane (C20)	12.525	2121615	18.417 ug/ml
11) T n-Heneicosane (C21)	13.136	2127695	18.460 ug/ml
13) T n-Docosane (C22)	13.720	2113211	18.558 ug/ml
14) T n-Tetracosane (C24)	14.821	2138862	18.813 ug/ml
15) T n-Hexacosane (C26)	15.841	2150518	19.109 ug/ml
16) T n-Octacosane (C28)	16.788	2217066	19.700 ug/ml
17) T n-Tricontane (C30)	17.671	2345956	20.626 ug/ml
18) T n-Dotriacontane (C32)	18.504	2432987	21.028 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2327794	20.252 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2106784	19.281 ug/ml
21) T n-Octatriacontane (C38)	20.747	2010279	18.605 ug/ml
22) T n-Tetracontane (C40)	21.638	1828644	17.268 ug/ml

(f)=RT Delta > 1/2 Window

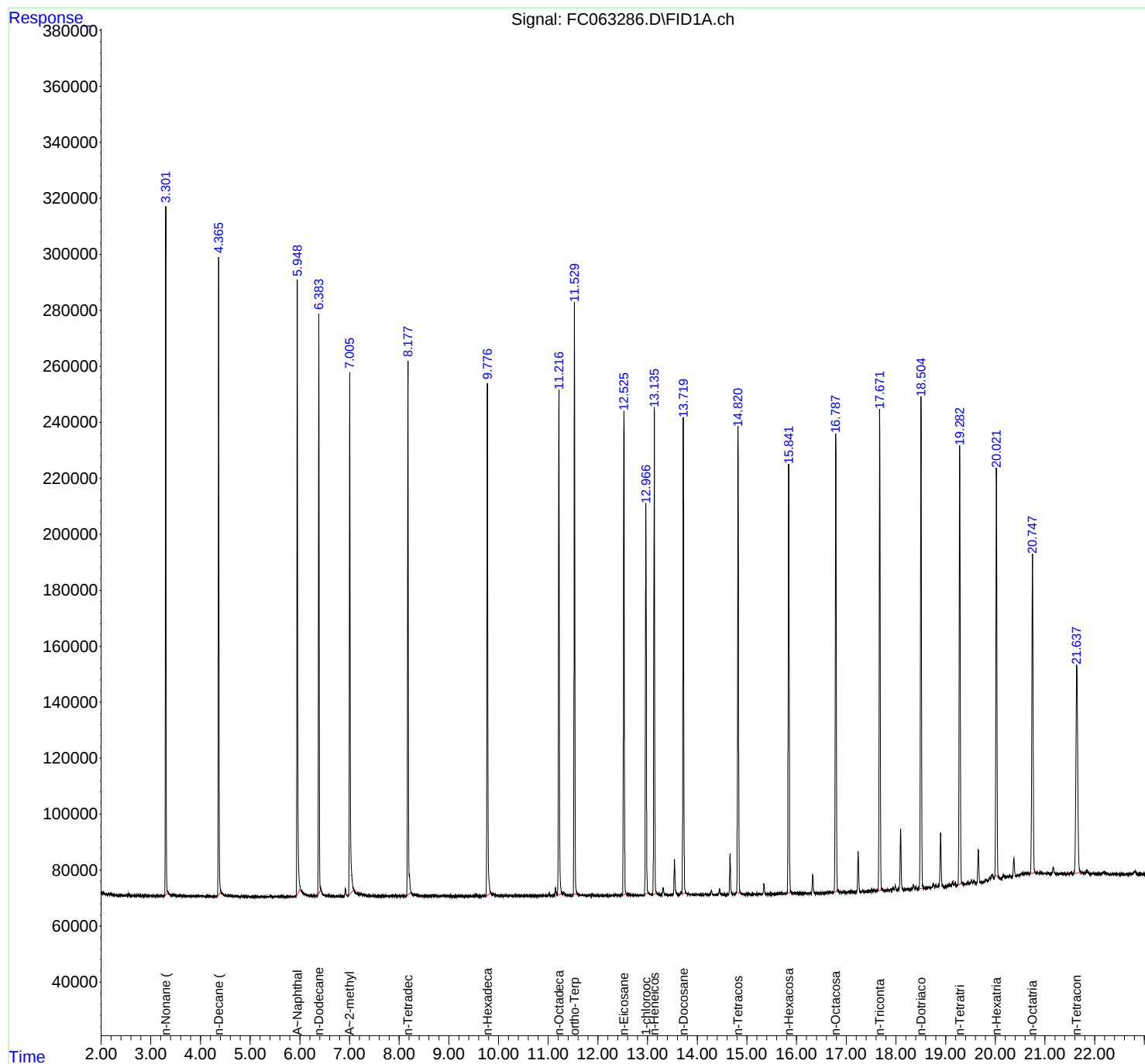
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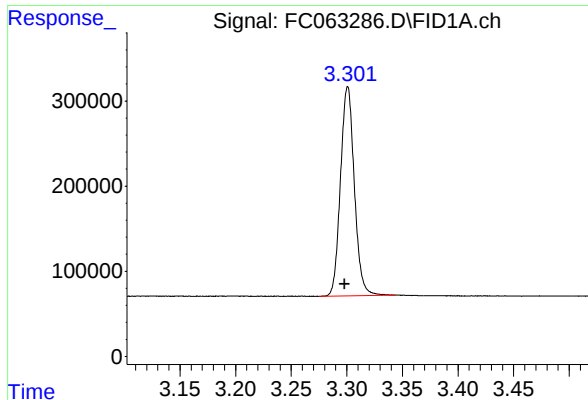
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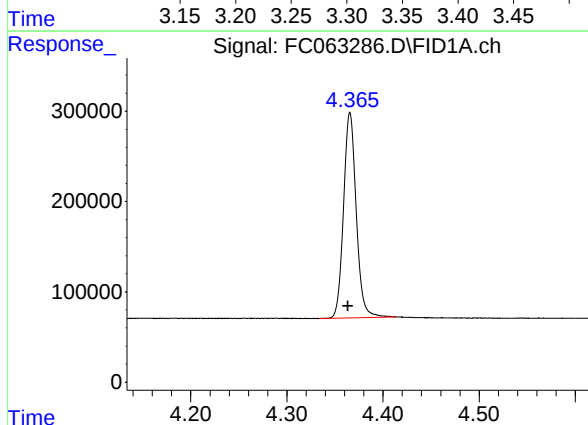




#1 n-Nonane (C9)

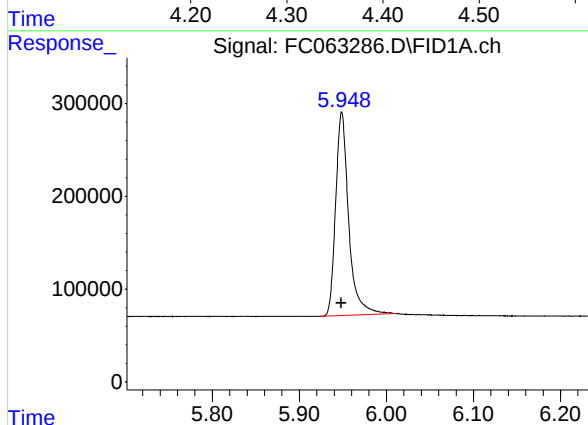
R.T.: 3.301 min
Delta R.T.: 0.003 min
Response: 2132101
Conc: 17.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



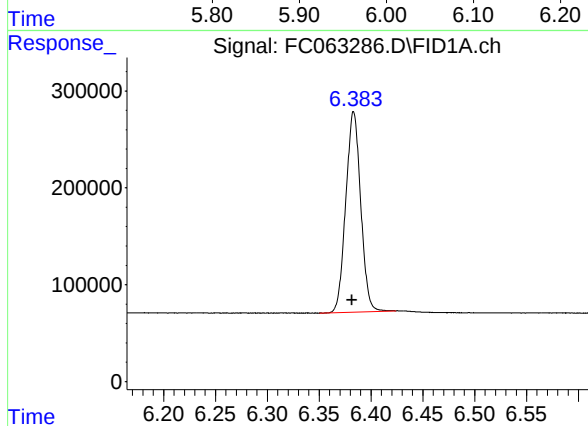
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 2083542
Conc: 17.71 ug/ml



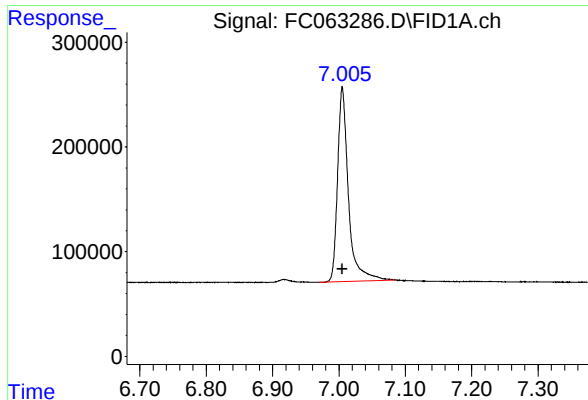
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2282105
Conc: 17.72 ug/ml



#4 n-Dodecane (C12)

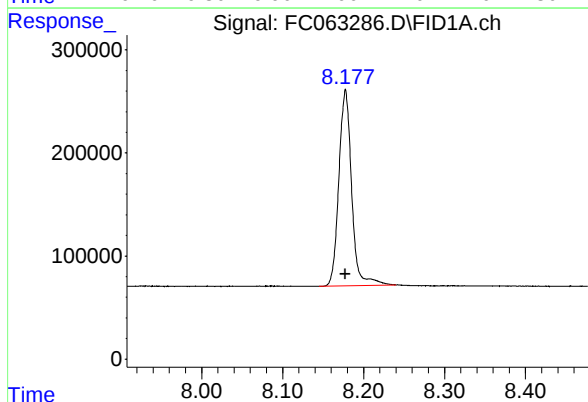
R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 2070878
Conc: 17.62 ug/ml



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

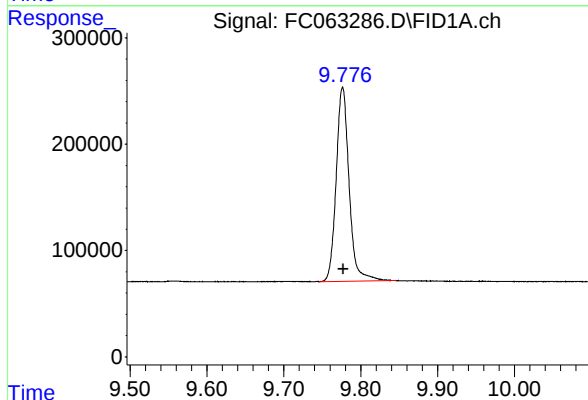
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 2112971
Conc: 17.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



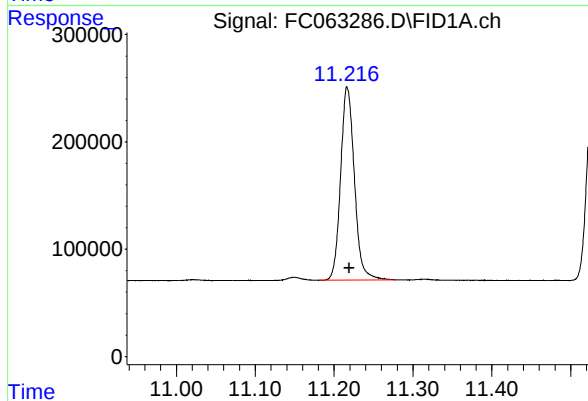
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2085518
Conc: 18.11 ug/ml



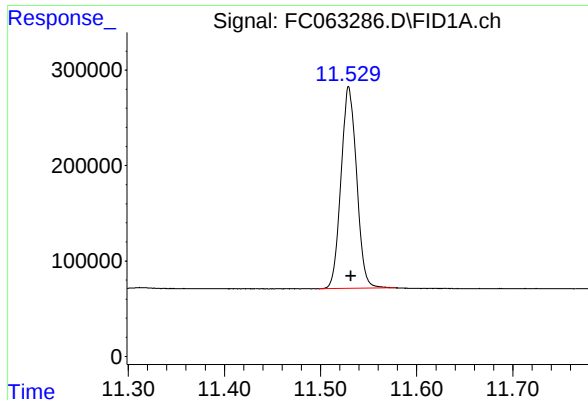
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2132203
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

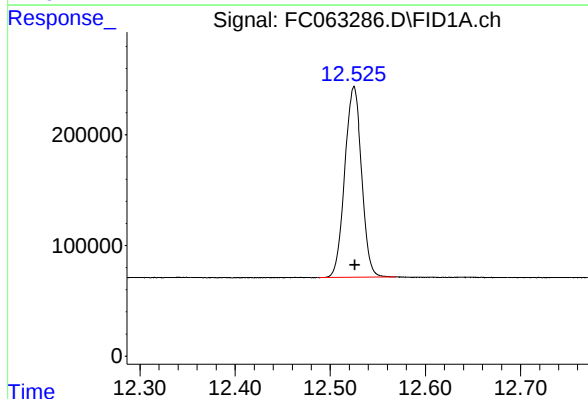
R.T.: 11.217 min
Delta R.T.: -0.003 min
Response: 2186477
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

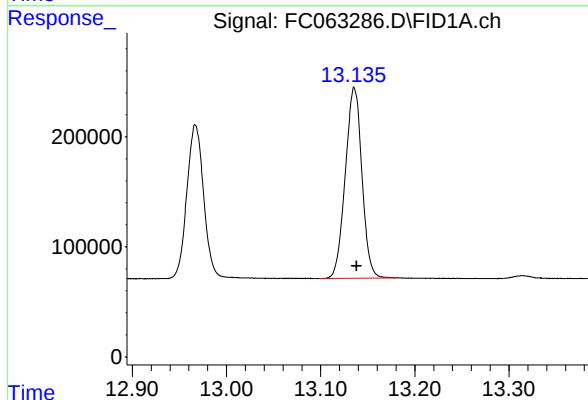
R.T.: 11.529 min
Delta R.T.: -0.002 min
Response: 2390817
Conc: 18.26 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



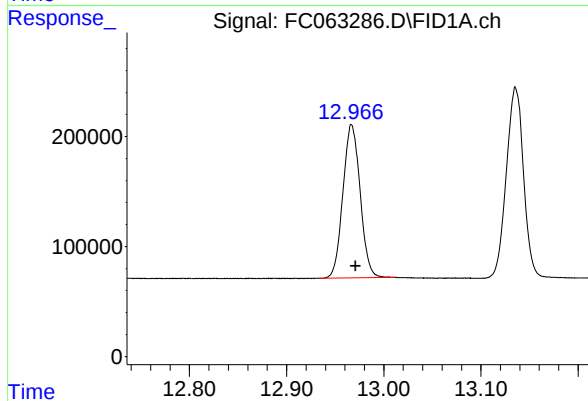
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.001 min
Response: 2121615
Conc: 18.42 ug/ml



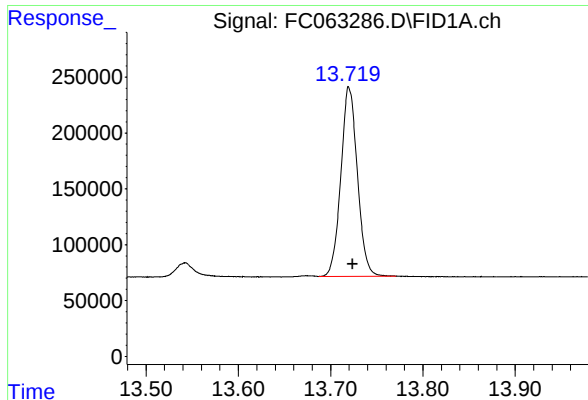
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.002 min
Response: 2127695
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

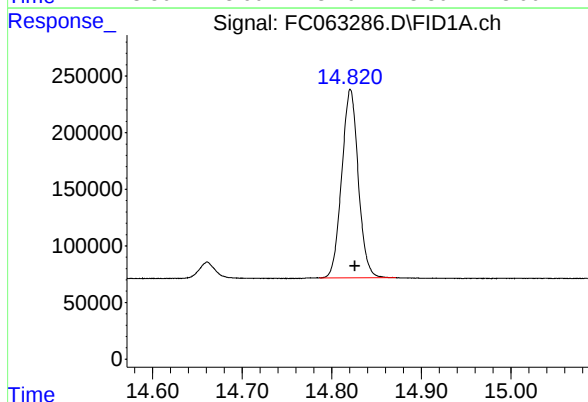
R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 1718427
Conc: 17.81 ug/ml



#13 n-Docosane (C22)

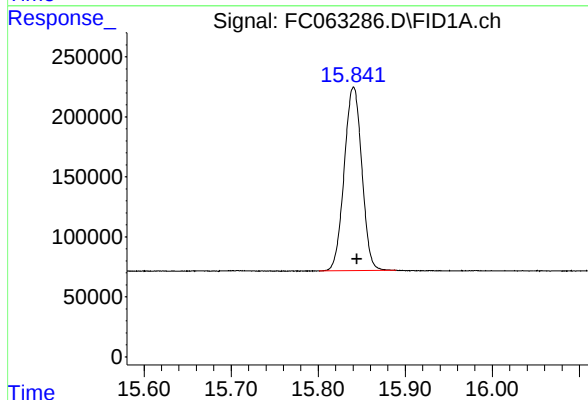
R.T.: 13.720 min
Delta R.T.: -0.004 min
Response: 2113211
Conc: 18.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



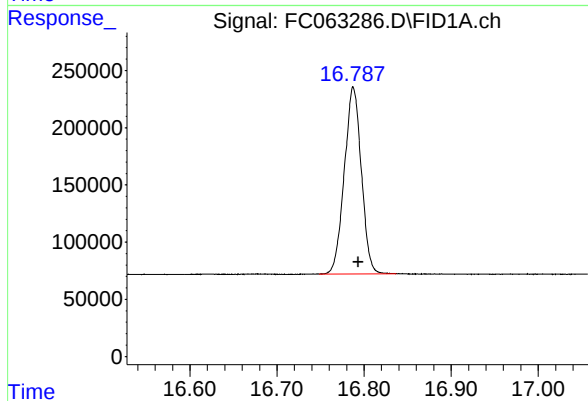
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.005 min
Response: 2138862
Conc: 18.81 ug/ml



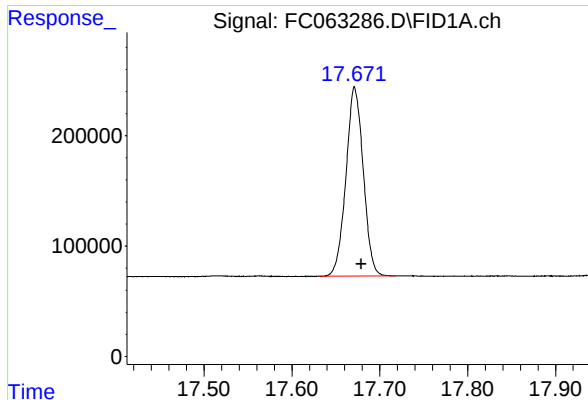
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.004 min
Response: 2150518
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

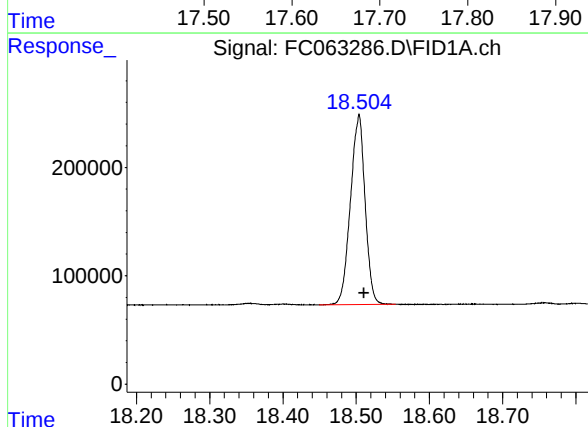
R.T.: 16.788 min
Delta R.T.: -0.006 min
Response: 2217066
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

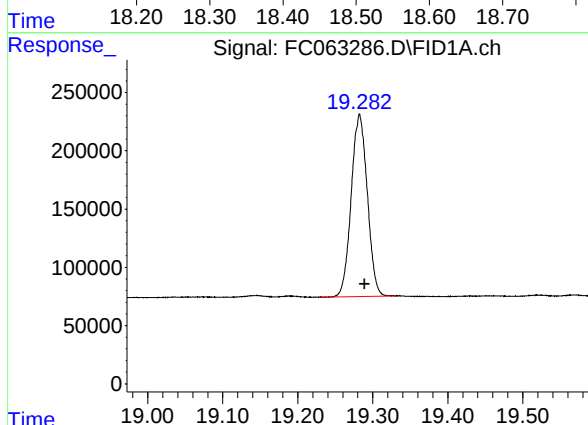
R.T.: 17.671 min
Delta R.T.: -0.008 min
Response: 2345956
Conc: 20.63 ug/ml

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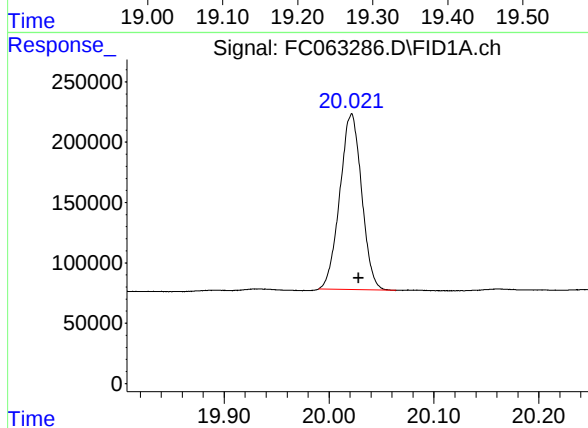
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: -0.006 min
Response: 2432987
Conc: 21.03 ug/ml



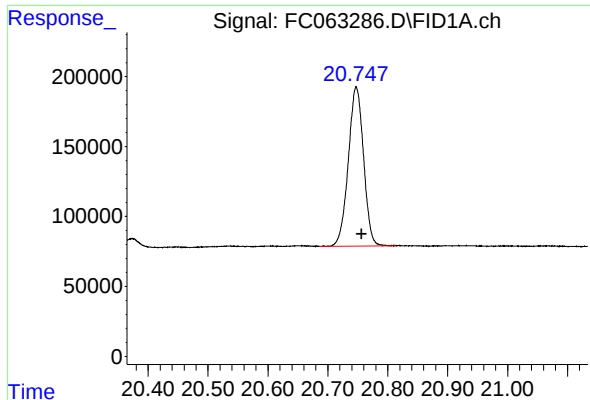
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: -0.007 min
Response: 2327794
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

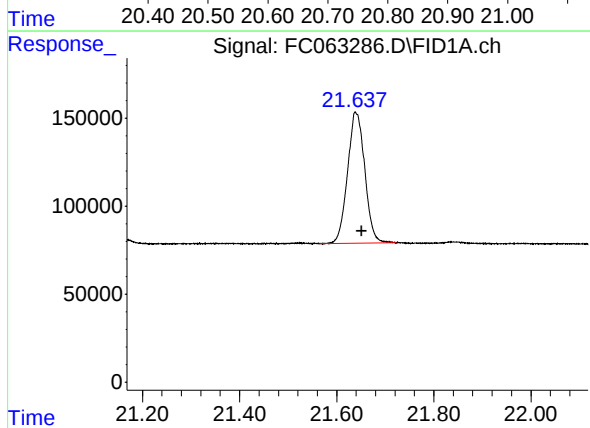
R.T.: 20.021 min
Delta R.T.: -0.007 min
Response: 2106784
Conc: 19.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.009 min
Response: 2010279
Conc: 18.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: -0.013 min
Response: 1828644
Conc: 17.27 ug/ml