

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061824AL\
 Data File : FC066623.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jun 2024 11:36
 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: Jun 19 03:38:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.541	3239750	18.783 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.980	2512775	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.297	2570308	17.690 ug/ml
2) T n-Decane (C10)	4.365	2734572	18.333 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3024292	18.627 ug/ml
4) T n-Dodecane (C12)	6.386	2803006	18.495 ug/ml
5) T A~2-methylnaphthalene...	7.008	2970532	18.698 ug/ml
6) T n-Tetradecane (C14)	8.182	2849782	18.787 ug/ml
7) T n-Hexadecane (C16)	9.783	3018628	18.844 ug/ml
8) T n-Octadecane (C18)	11.226	3090051	18.623 ug/ml
10) T n-Eicosane (C20)	12.535	2990033	18.393 ug/ml
11) T n-Heneicosane (C21)	13.147	2940276	18.249 ug/ml
13) T n-Docosane (C22)	13.733	2948748	18.393 ug/ml
14) T n-Tetracosane (C24)	14.837	2975338	18.747 ug/ml
15) T n-Hexacosane (C26)	15.858	2906530	19.035 ug/ml
16) T n-Octacosane (C28)	16.808	2905644	20.143 ug/ml
17) T n-Tricontane (C30)	17.695	3049356	21.826 ug/ml
18) T n-Dotriacontane (C32)	18.527	2996954	22.709 ug/ml
19) T n-Tetratriacontane (C34)	19.311	2690399	21.754 ug/ml
20) T n-Hexatriacontane (C36)	20.052	2416321	20.049 ug/ml
21) T n-Octatriacontane (C38)	20.785	2326296	20.344 ug/ml
22) T n-Tetracontane (C40)	21.691	2230877	19.863 ug/ml

(f)=RT Delta > 1/2 Window

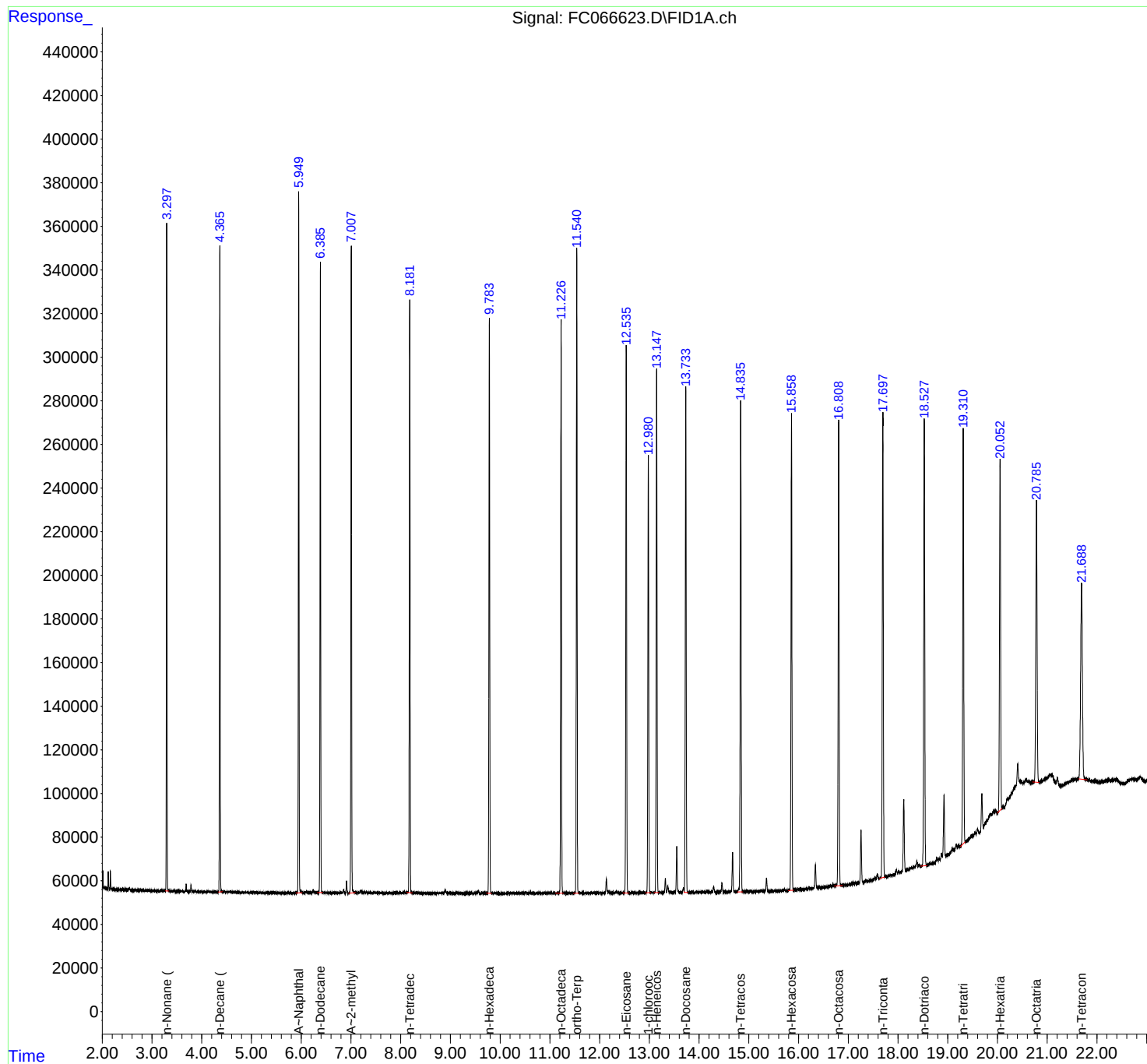
(m)=manual int.

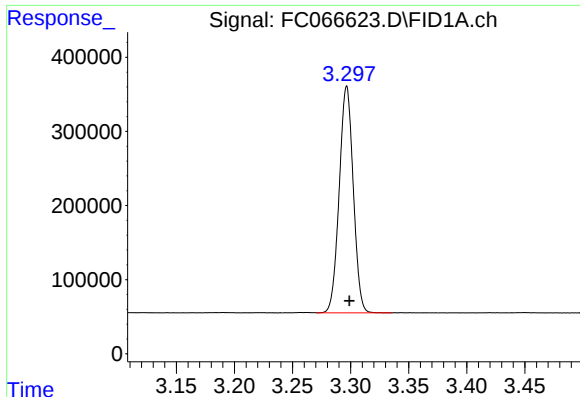
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061824AL\
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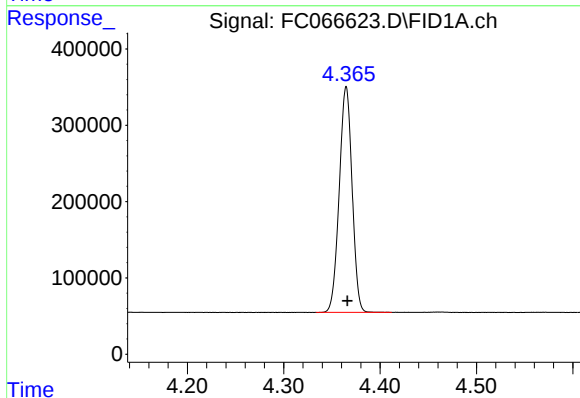




#1 n-Nonane (C9)

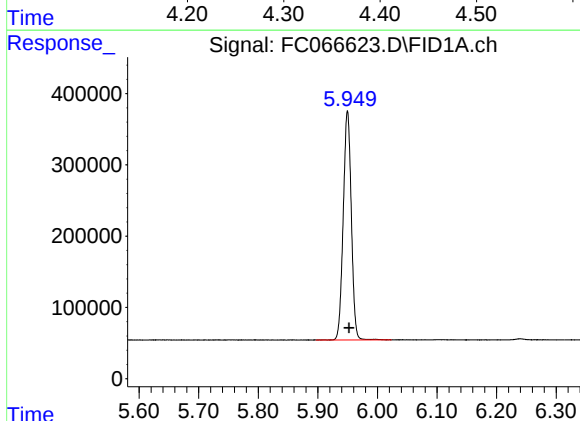
R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 2570308
Conc: 17.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



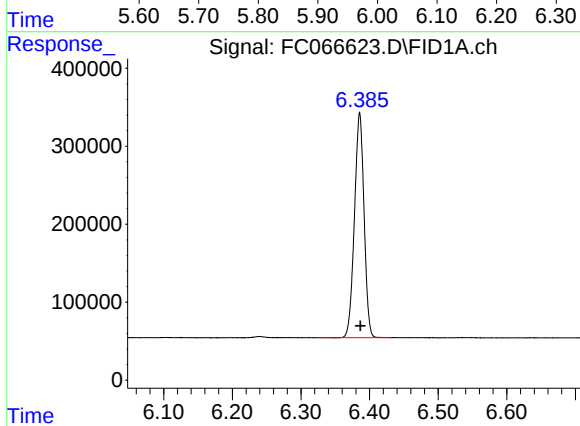
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 2734572
Conc: 18.33 ug/ml



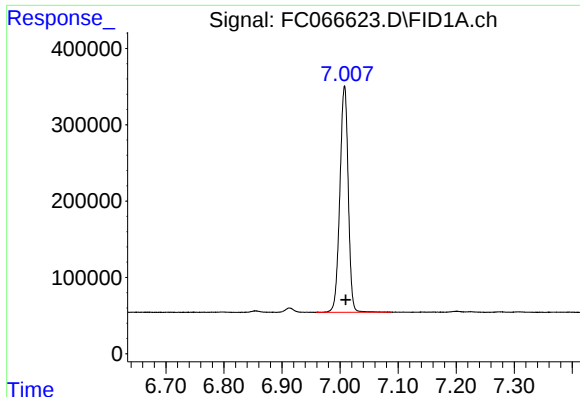
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 3024292
Conc: 18.63 ug/ml



#4 n-Dodecane (C12)

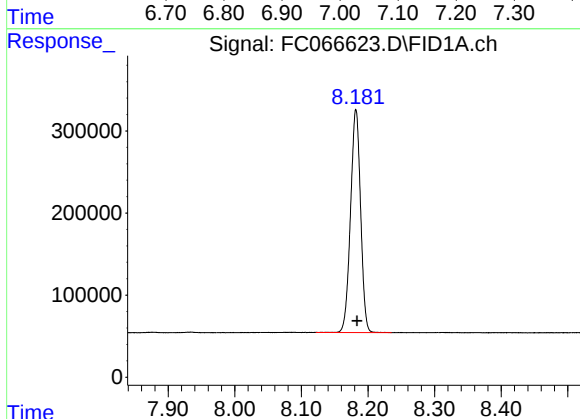
R.T.: 6.386 min
Delta R.T.: -0.001 min
Response: 2803006
Conc: 18.49 ug/ml



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

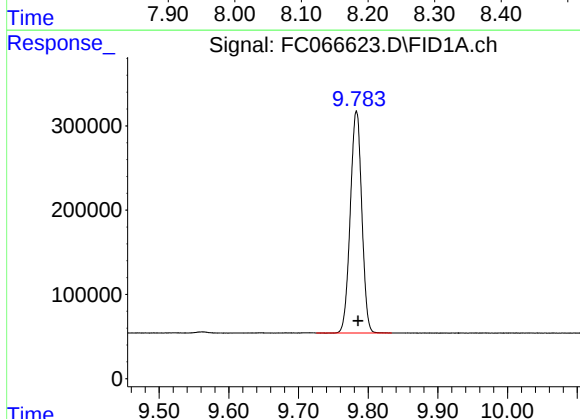
R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2970532
Conc: 18.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



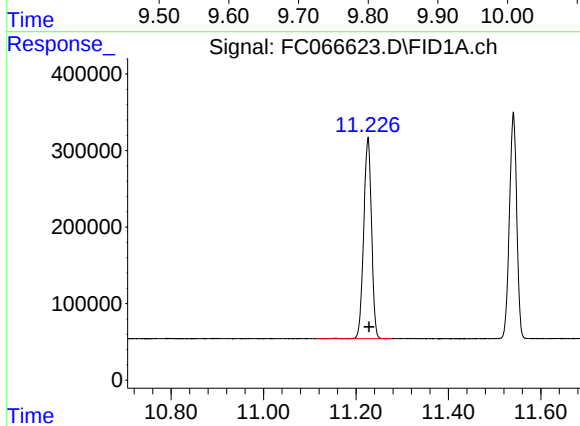
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.002 min
Response: 2849782
Conc: 18.79 ug/ml



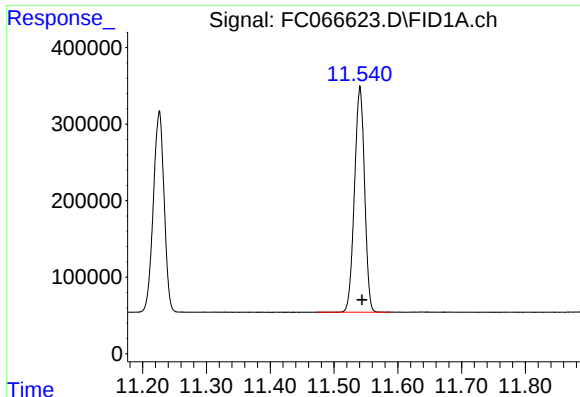
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.002 min
Response: 3018628
Conc: 18.84 ug/ml



#8 n-Octadecane (C18)

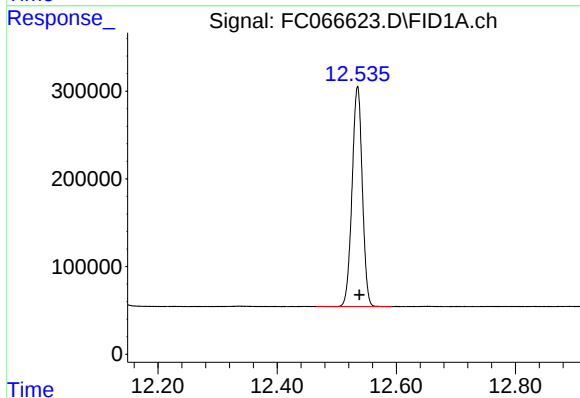
R.T.: 11.226 min
Delta R.T.: -0.002 min
Response: 3090051
Conc: 18.62 ug/ml



#9 ortho-Terphenyl (SURR)

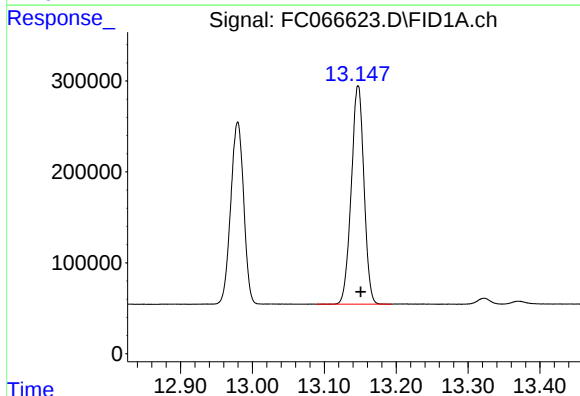
R.T.: 11.541 min
Delta R.T.: -0.004 min
Response: 3239750
Conc: 18.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



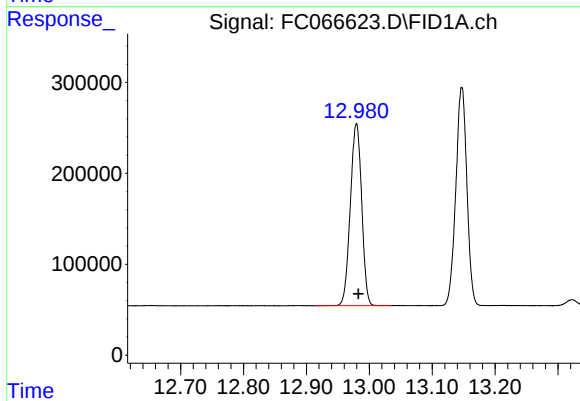
#10 n-Eicosane (C20)

R.T.: 12.535 min
Delta R.T.: -0.003 min
Response: 2990033
Conc: 18.39 ug/ml



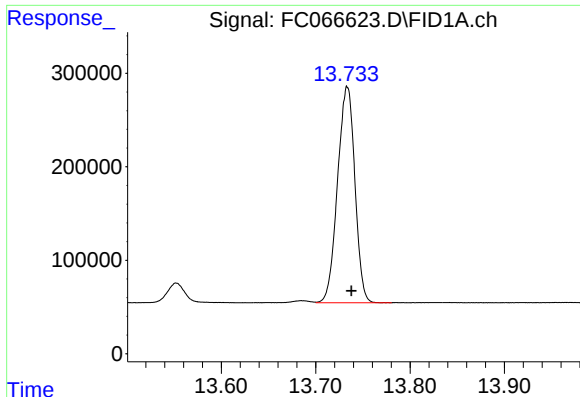
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.004 min
Response: 2940276
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

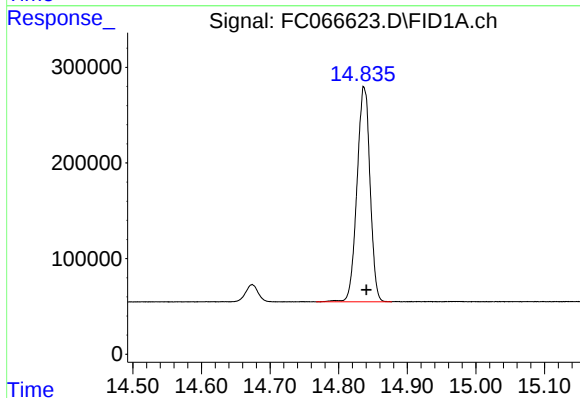
R.T.: 12.980 min
Delta R.T.: -0.003 min
Response: 2512775
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

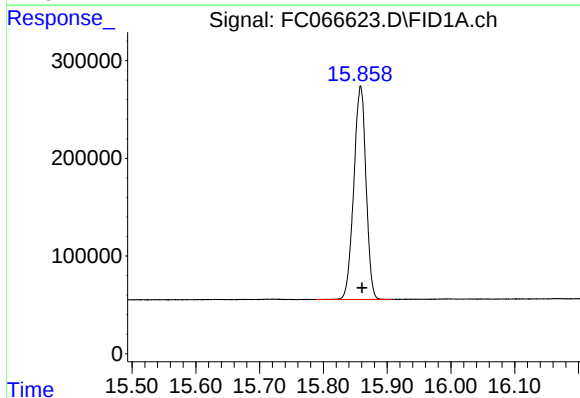
R.T.: 13.733 min
Delta R.T.: -0.004 min
Response: 2948748
Conc: 18.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



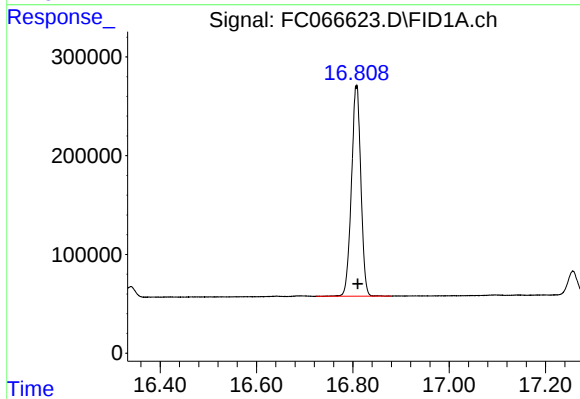
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: -0.003 min
Response: 2975338
Conc: 18.75 ug/ml



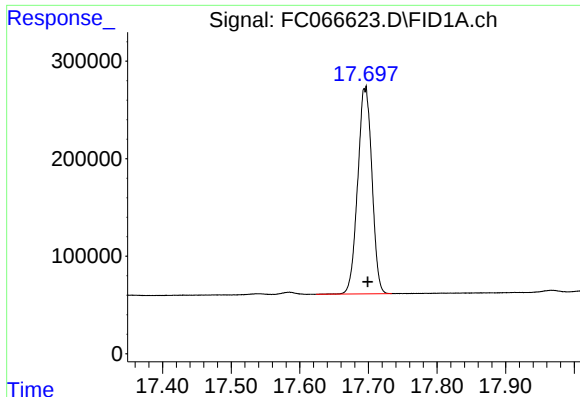
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.002 min
Response: 2906530
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

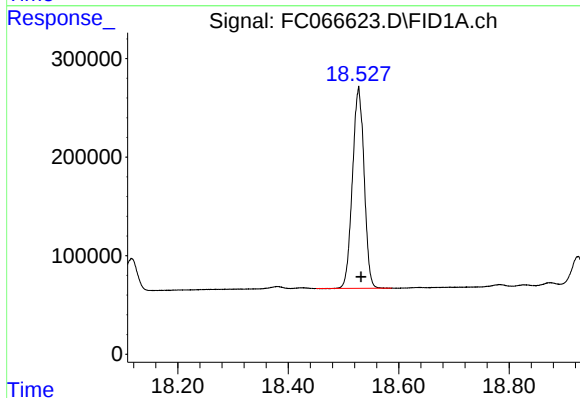
R.T.: 16.808 min
Delta R.T.: -0.003 min
Response: 2905644
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

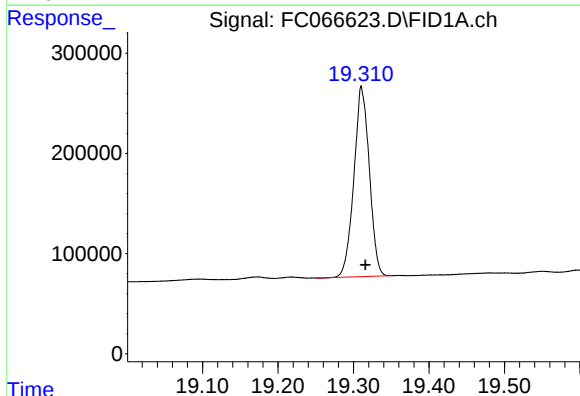
R.T.: 17.695 min
Delta R.T.: -0.004 min
Response: 3049356
Conc: 21.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



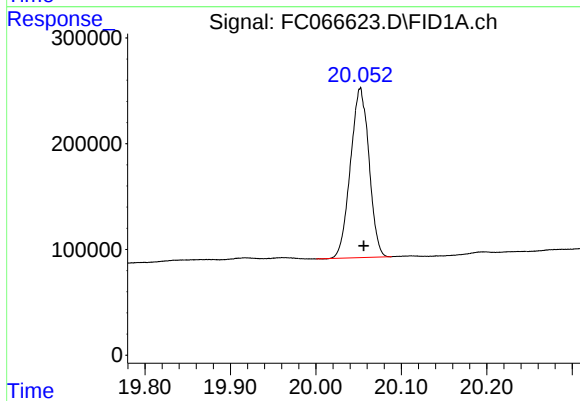
#18 n-Dotriacontane (C32)

R.T.: 18.527 min
Delta R.T.: -0.005 min
Response: 2996954
Conc: 22.71 ug/ml



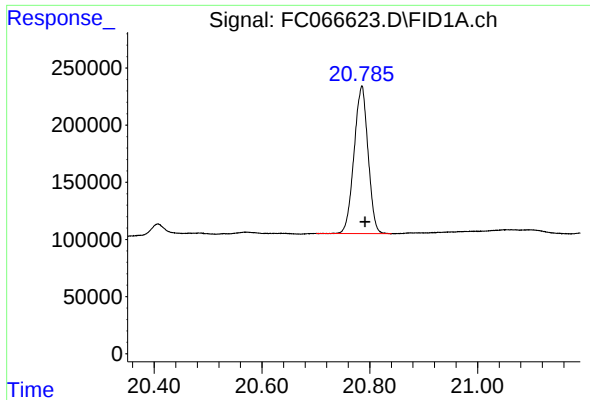
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.005 min
Response: 2690399
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

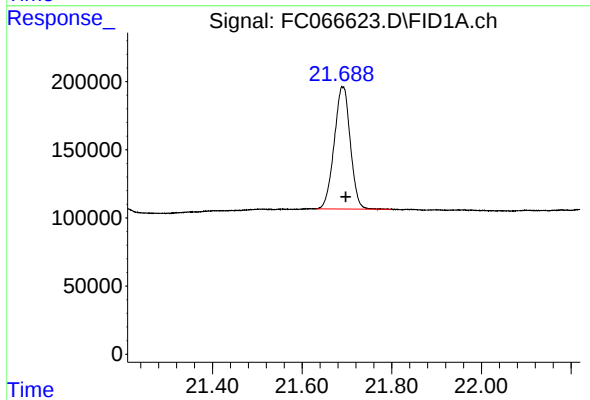
R.T.: 20.052 min
Delta R.T.: -0.004 min
Response: 2416321
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.006 min
Response: 2326296
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.007 min
Response: 2230877
Conc: 19.86 ug/ml