

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
 Data File : FC063330.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 12:07
 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 10 05:49:27 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)	11.526	3019396	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	12.965	2200619	19.889 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.299	2784163	19.831 ug/ml
2) T n-Decane (C10)	4.364	2695623	19.781 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2997701	19.852 ug/ml
4) T n-Dodecane (C12)	6.381	2674205	19.879 ug/ml
5) T A~2-methylnaphthalene...	7.002	2761372	19.826 ug/ml
6) T n-Tetradecane (C14)	8.174	2697139	19.923 ug/ml
7) T n-Hexadecane (C16)	9.773	2718212	20.017 ug/ml
8) T n-Octadecane (C18)	11.214	2760633	19.930 ug/ml
10) T n-Eicosane (C20)	12.521	2661588	19.811 ug/ml
11) T n-Heneicosane (C21)	13.132	2673552	19.865 ug/ml
13) T n-Docosane (C22)	13.717	2628612	19.711 ug/ml
14) T n-Tetracosane (C24)	14.817	2630821	19.567 ug/ml
15) T n-Hexacosane (C26)	15.837	2614936	19.536 ug/ml
16) T n-Octacosane (C28)	16.782	2635237	19.462 ug/ml
17) T n-Tricontane (C30)	17.666	2696203	19.491 ug/ml
18) T n-Dotriacontane (C32)	18.496	2762549	19.568 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2745246	19.893 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2604593	20.377 ug/ml
21) T n-Octatriacontane (C38)	20.743	2438750	19.806 ug/ml
22) T n-Tetracontane (C40)	21.633	2050094	17.421 ug/ml

(f)=RT Delta > 1/2 Window

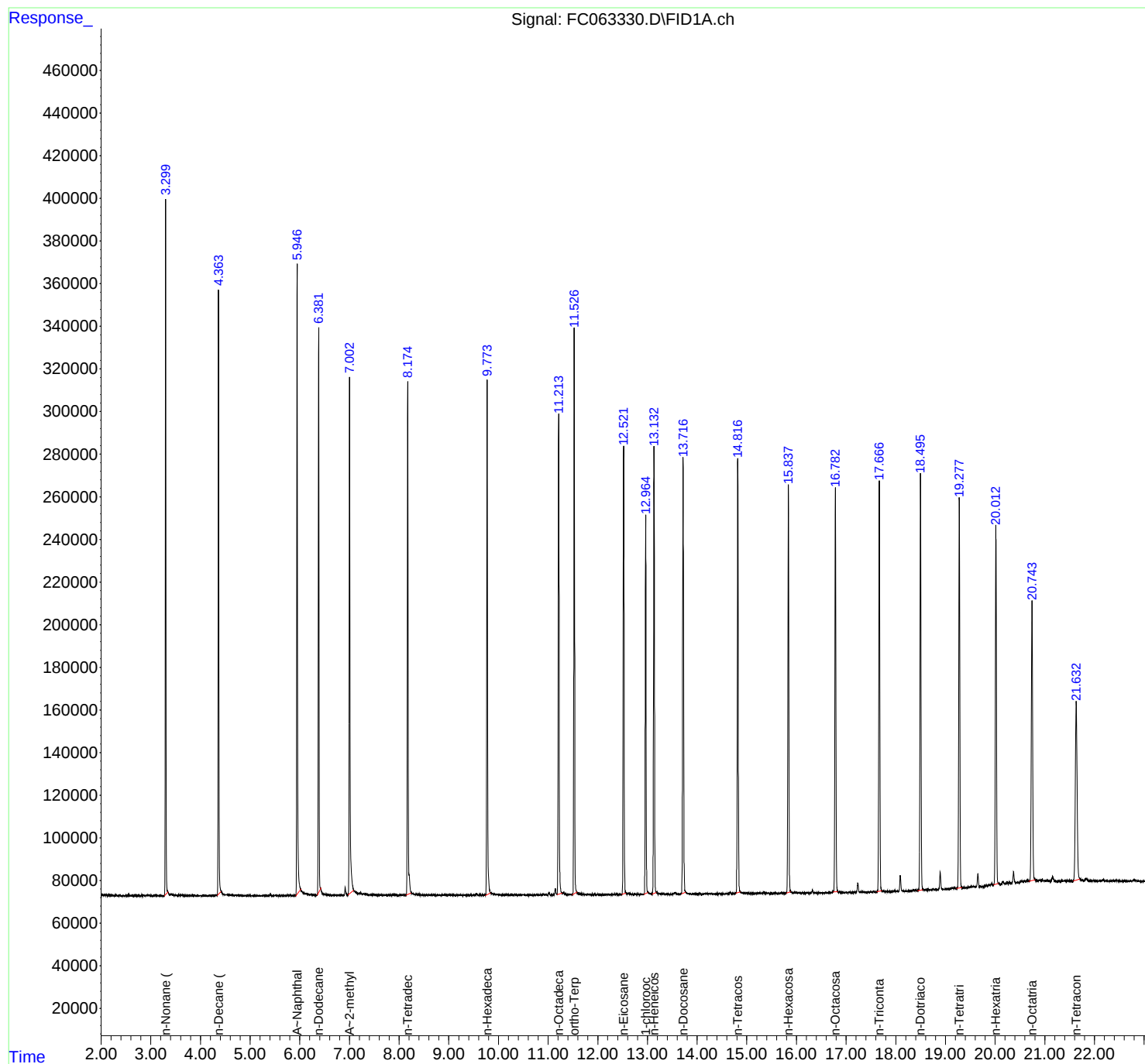
(m)=manual int.

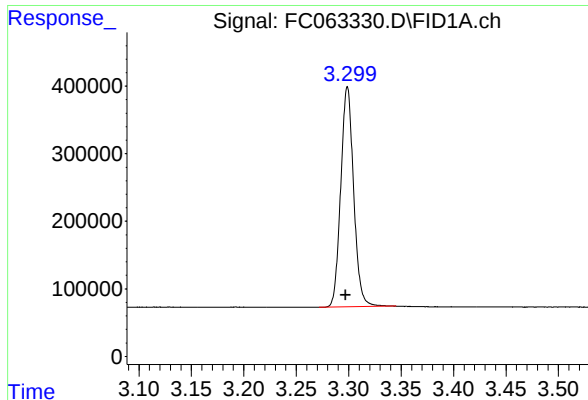
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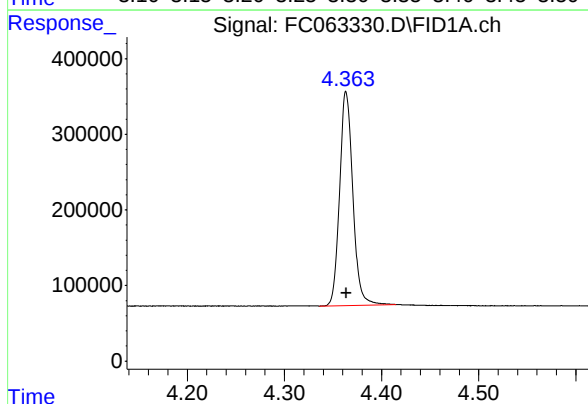




#1 n-Nonane (C9)

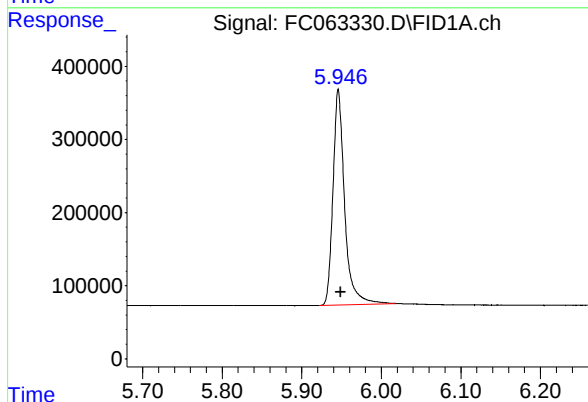
R.T.: 3.299 min
Delta R.T.: 0.002 min
Response: 2784163
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



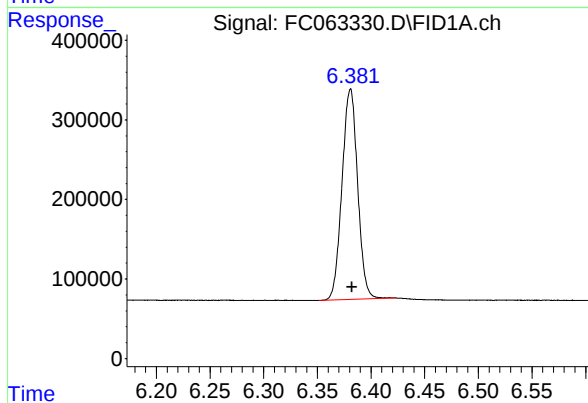
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2695623
Conc: 19.78 ug/ml



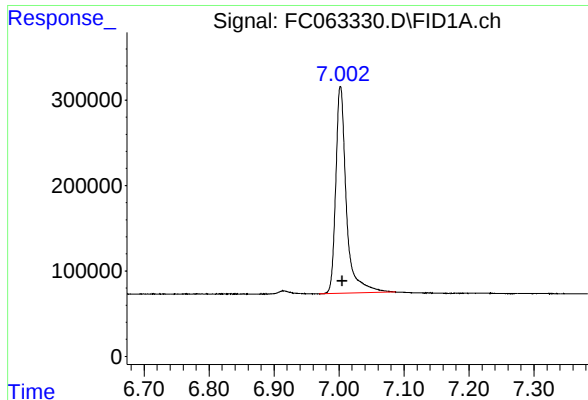
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 2997701
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

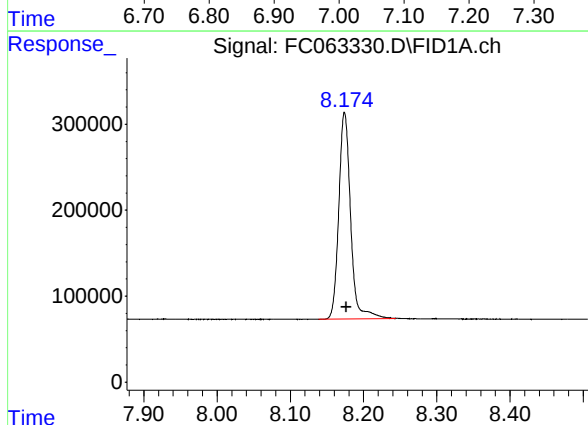
R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 2674205
Conc: 19.88 ug/ml



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

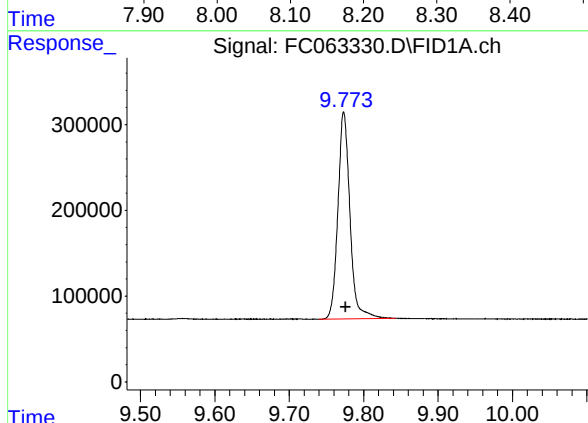
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 2761372
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



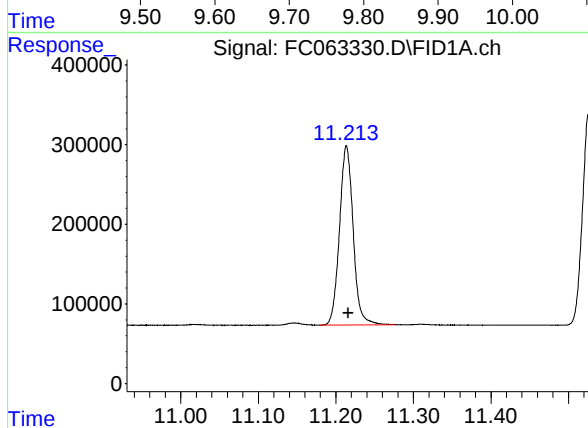
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 2697139
Conc: 19.92 ug/ml



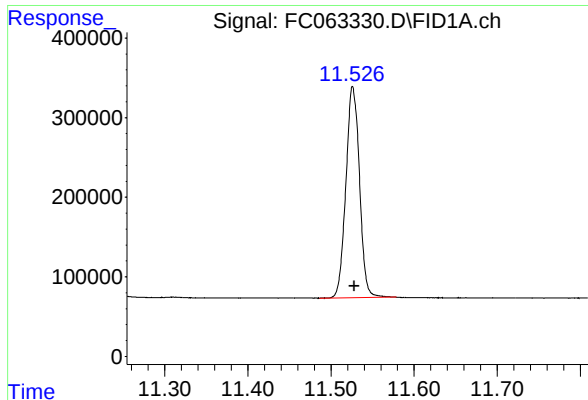
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.003 min
Response: 2718212
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

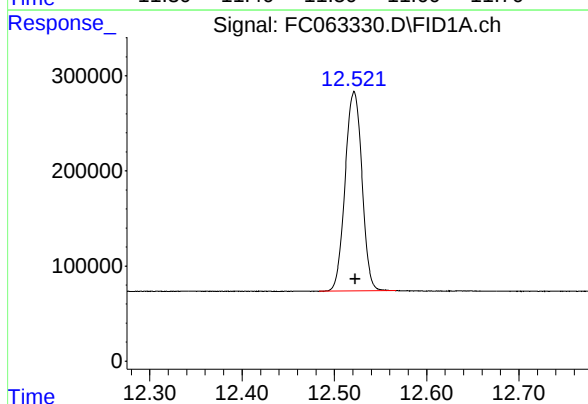
R.T.: 11.214 min
Delta R.T.: -0.002 min
Response: 2760633
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

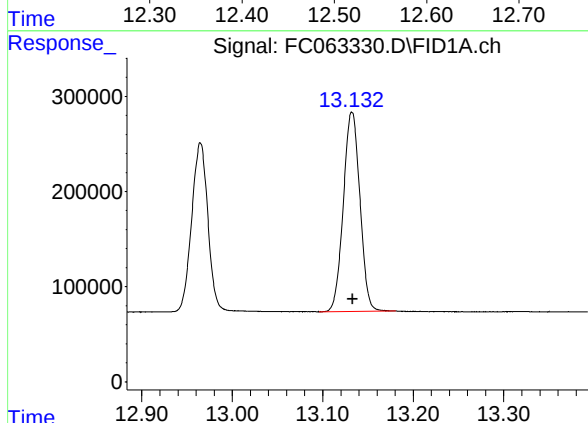
R.T.: 11.526 min
Delta R.T.: -0.002 min
Response: 3019396
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



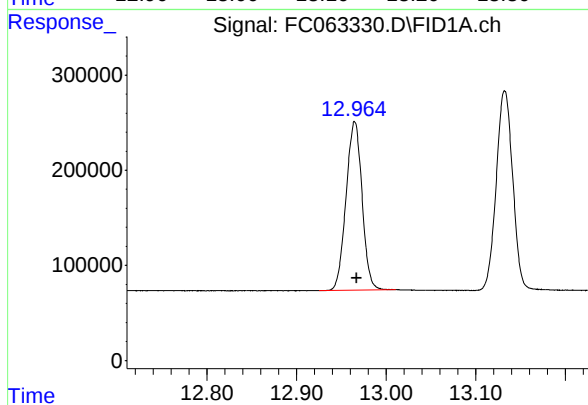
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.001 min
Response: 2661588
Conc: 19.81 ug/ml



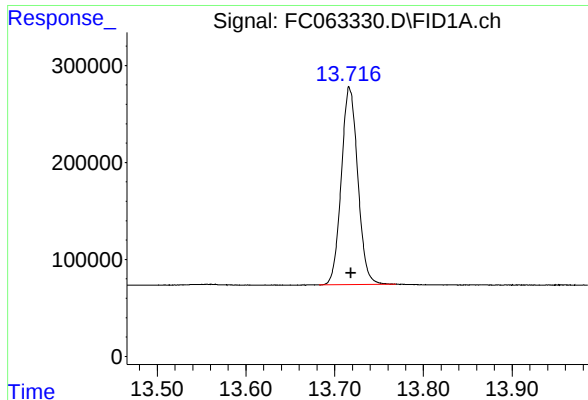
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: 0.000 min
Response: 2673552
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

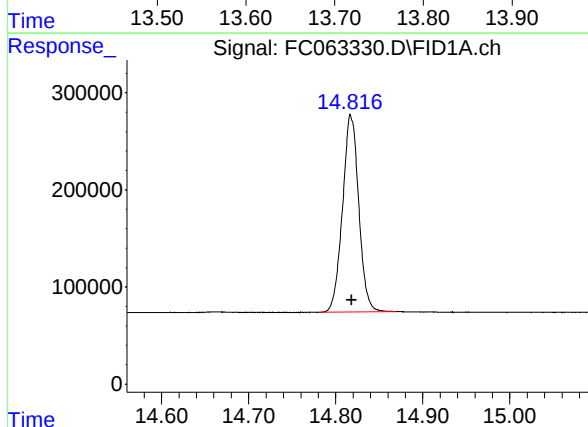
R.T.: 12.965 min
Delta R.T.: -0.002 min
Response: 2200619
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

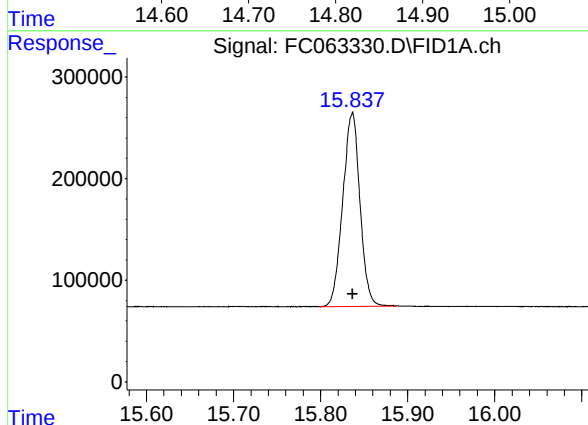
R.T.: 13.717 min
Delta R.T.: -0.002 min
Response: 2628612
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



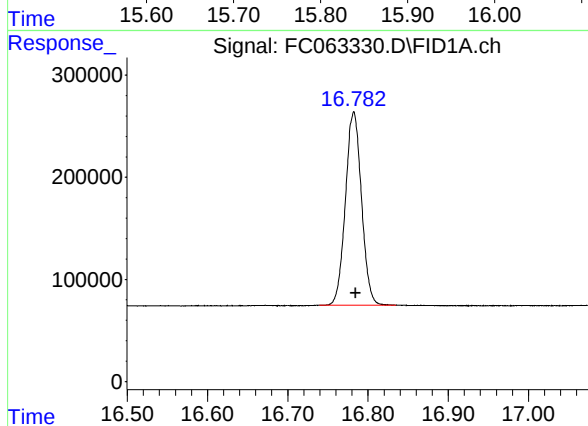
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 2630821
Conc: 19.57 ug/ml



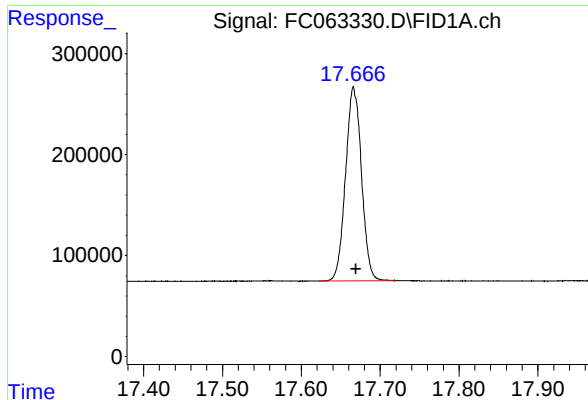
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.000 min
Response: 2614936
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

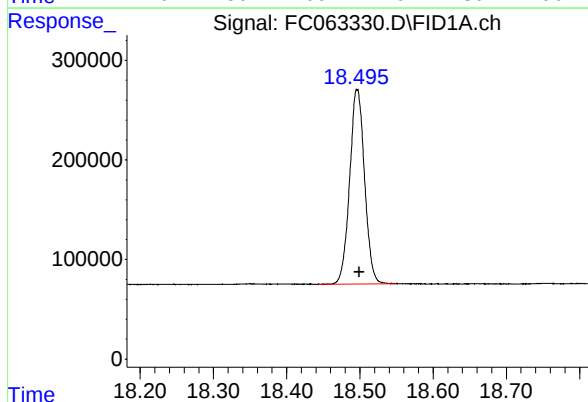
R.T.: 16.782 min
Delta R.T.: -0.002 min
Response: 2635237
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

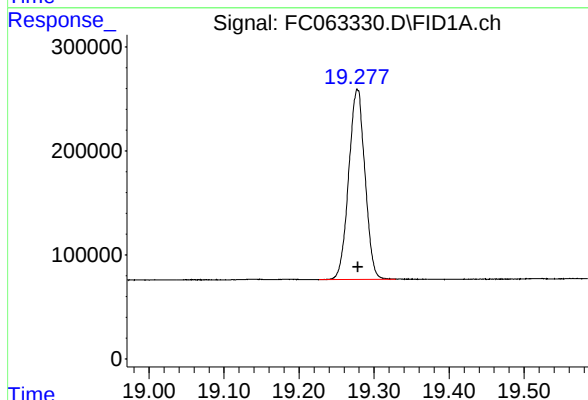
R.T.: 17.666 min
Delta R.T.: -0.003 min
Response: 2696203
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



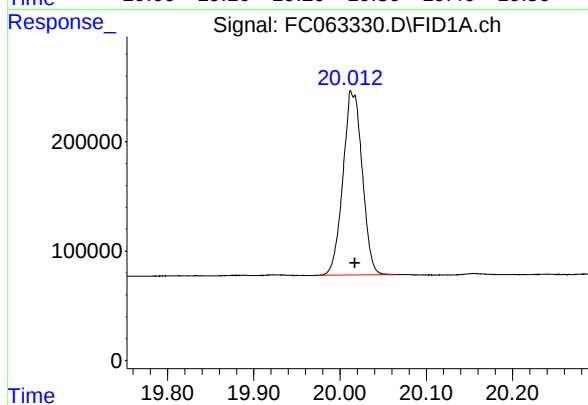
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.003 min
Response: 2762549
Conc: 19.57 ug/ml



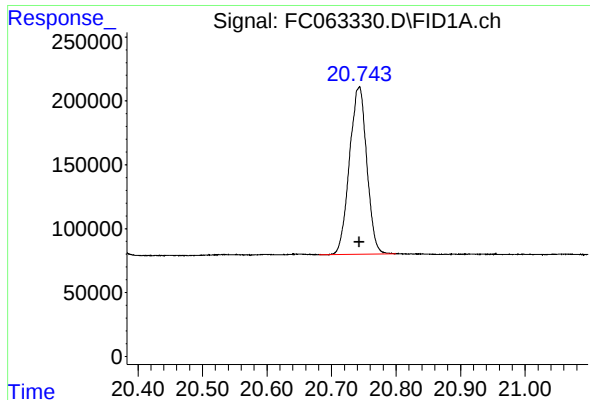
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.000 min
Response: 2745246
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

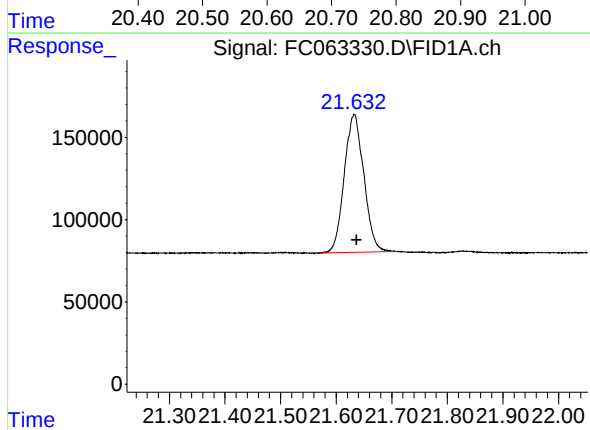
R.T.: 20.013 min
Delta R.T.: -0.004 min
Response: 2604593
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 2438750
Conc: 19.81 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: -0.004 min
Response: 2050094
Conc: 17.42 ug/ml