

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060823AL\
 Data File : FC063780.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jun 2023 09:02
 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: Jun 08 12:16:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.536	3274507	17.944 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
12) S 1-chlorooctadecane (S...	12.970	2351401	18.403 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
Target Compounds			
1) T n-Nonane (C9)	3.312	2874625	18.036 ug/ml
2) T n-Decane (C10)	4.376	3001330	18.567 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3084812	17.757 ug/ml
4) T n-Dodecane (C12)	6.391	2988257	18.275 ug/ml
5) T A~2-methylnaphthalene...	7.014	2949752	18.006 ug/ml
6) T n-Tetradecane (C14)	8.183	2891266	18.384 ug/ml
7) T n-Hexadecane (C16)	9.782	2918810	18.341 ug/ml
8) T n-Octadecane (C18)	11.222	2896363	18.305 ug/ml
10) T n-Eicosane (C20)	12.527	2747225	18.576 ug/ml
11) T n-Heneicosane (C21)	13.137	2665565	18.518 ug/ml
13) T n-Docosane (C22)	13.723	2639190	18.735 ug/ml
14) T n-Tetracosane (C24)	14.822	2605170	18.985 ug/ml
15) T n-Hexacosane (C26)	15.841	2574103	19.413 ug/ml
16) T n-Octacosane (C28)	16.788	2597312	20.455 ug/ml
17) T n-Tricontane (C30)	17.672	2809339	21.989 ug/ml
18) T n-Dotriacontane (C32)	18.503	2852839	22.927 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2722970	22.084 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2571042	21.421 ug/ml
21) T n-Octatriacontane (C38)	20.745	2506179	20.758 ug/ml
22) T n-Tetracontane (C40)	21.643	2435385	20.099 ug/ml

(f)=RT Delta > 1/2 Window

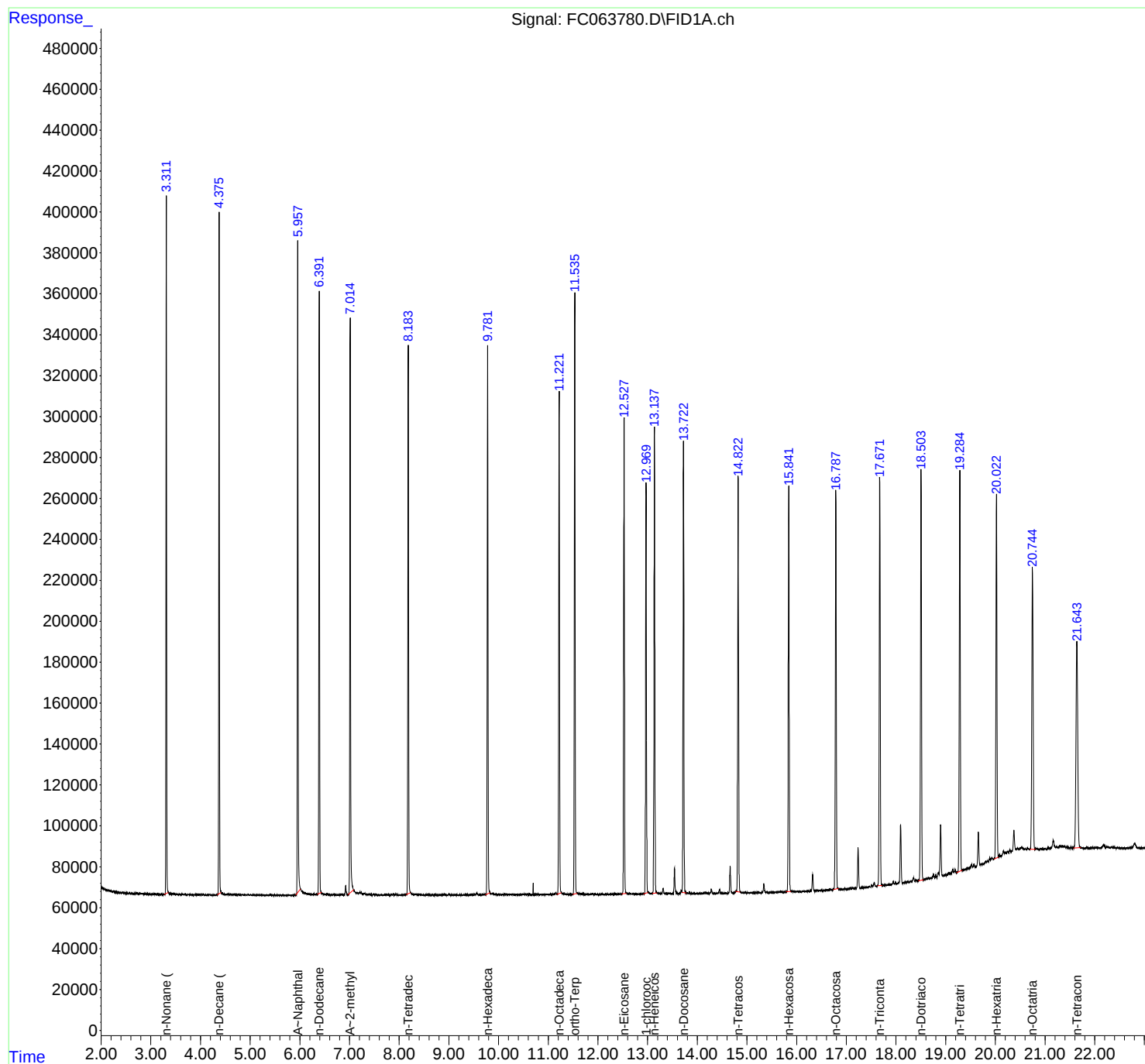
(m)=manual int.

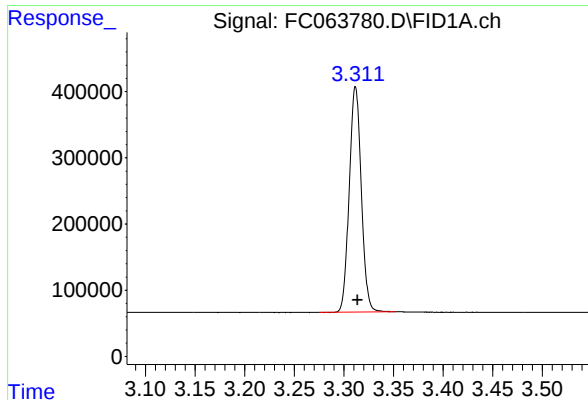
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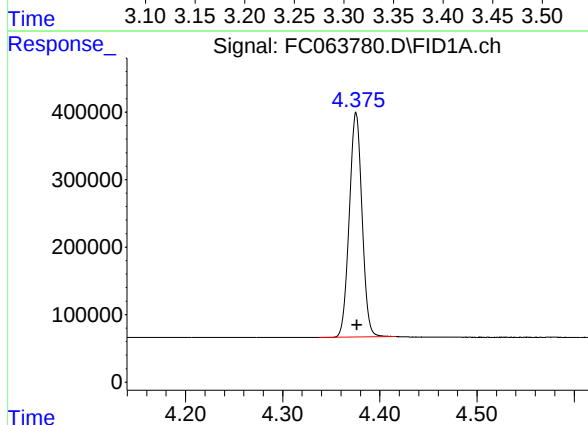




#1 n-Nonane (C9)

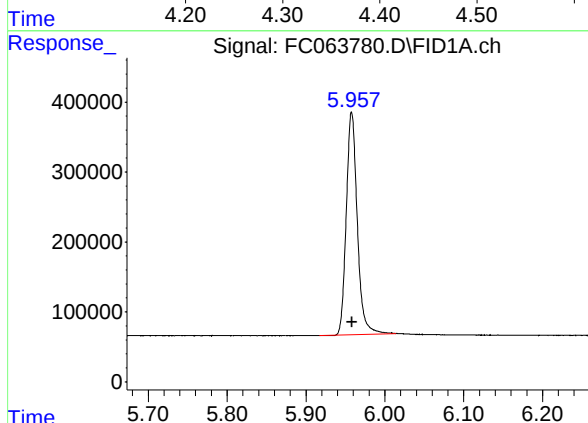
R.T.: 3.312 min
Delta R.T.: -0.002 min
Response: 2874625
Conc: 18.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



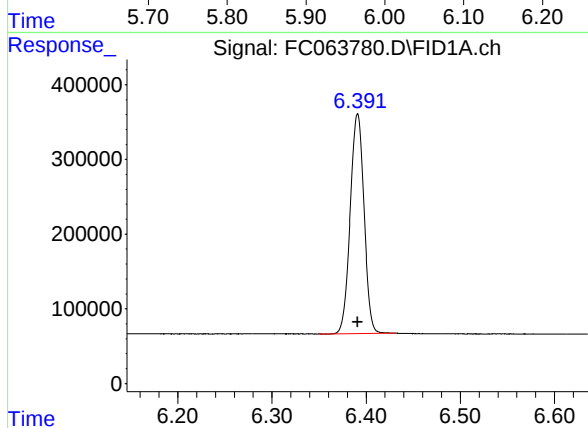
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3001330
Conc: 18.57 ug/ml



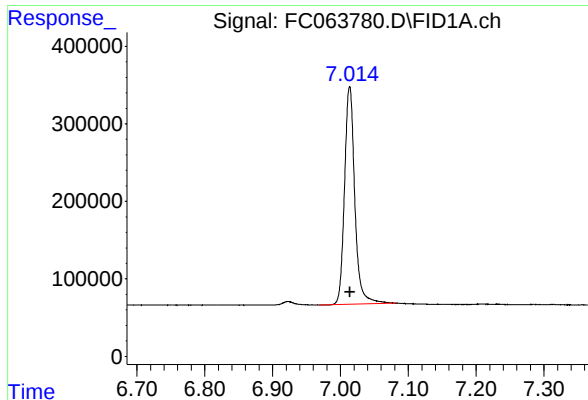
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3084812
Conc: 17.76 ug/ml



#4 n-Dodecane (C12)

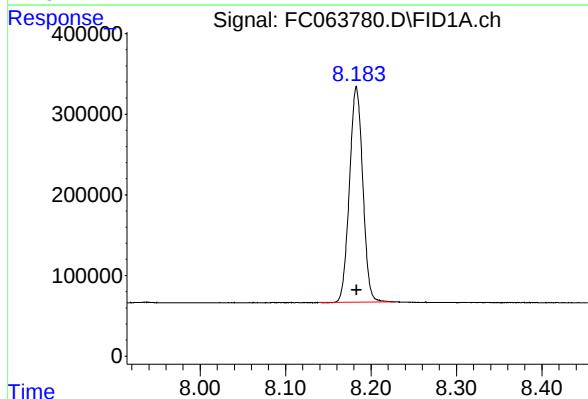
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2988257
Conc: 18.28 ug/ml



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

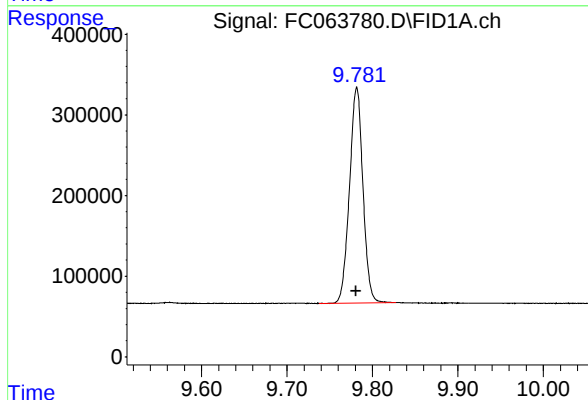
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 2949752
Conc: 18.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



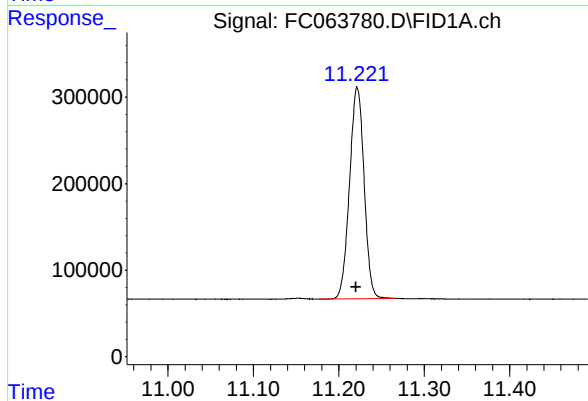
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 2891266
Conc: 18.38 ug/ml



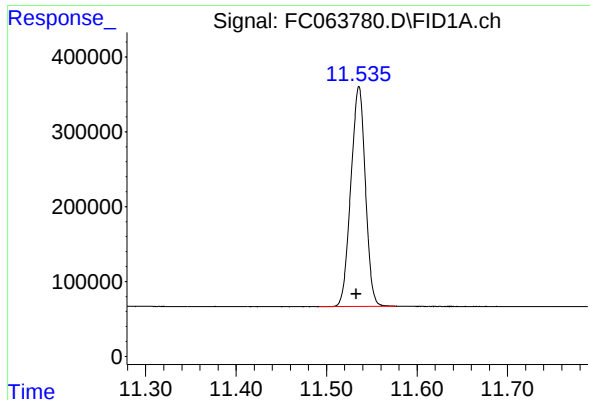
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.000 min
Response: 2918810
Conc: 18.34 ug/ml



#8 n-Octadecane (C18)

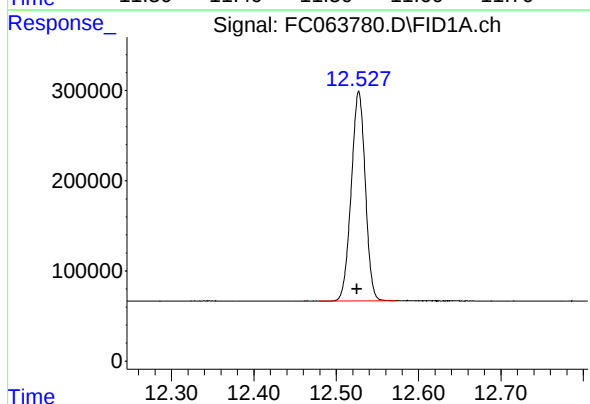
R.T.: 11.222 min
Delta R.T.: 0.002 min
Response: 2896363
Conc: 18.30 ug/ml



#9 ortho-Terphenyl (SURR)

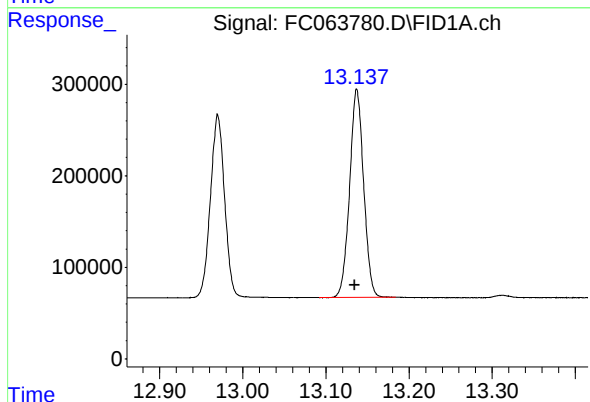
R.T.: 11.536 min
Delta R.T.: 0.003 min
Response: 3274507
Conc: 17.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



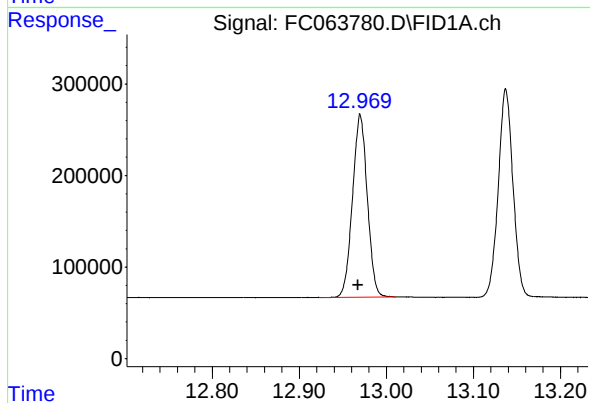
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 2747225
Conc: 18.58 ug/ml



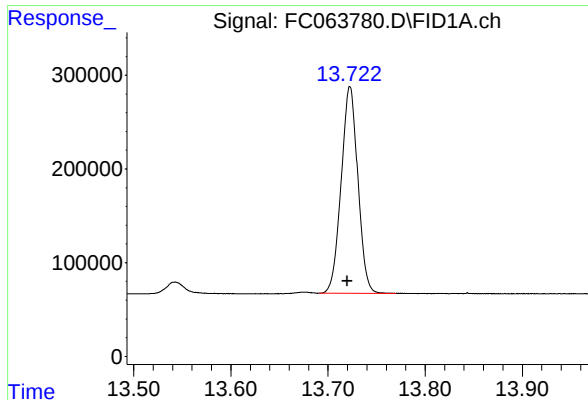
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.003 min
Response: 2665565
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

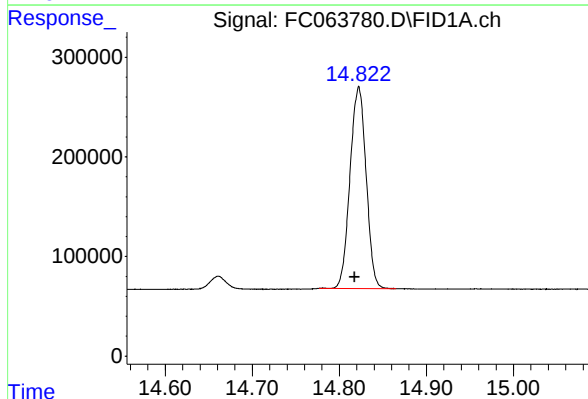
R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2351401
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

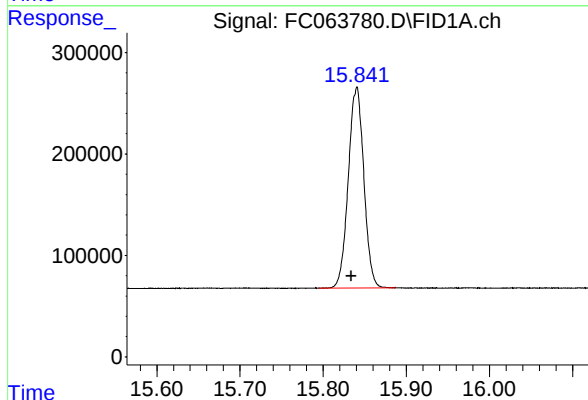
R.T.: 13.723 min
Delta R.T.: 0.003 min
Response: 2639190
Conc: 18.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



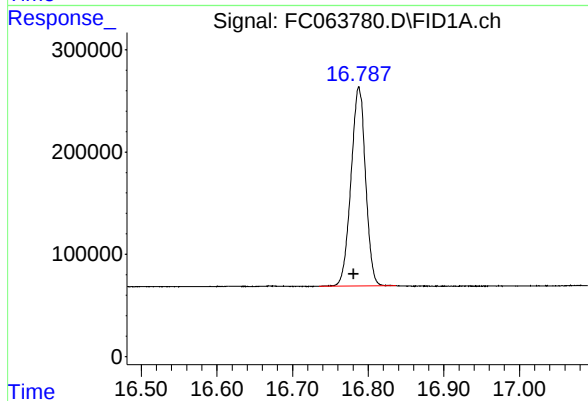
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.005 min
Response: 2605170
Conc: 18.99 ug/ml



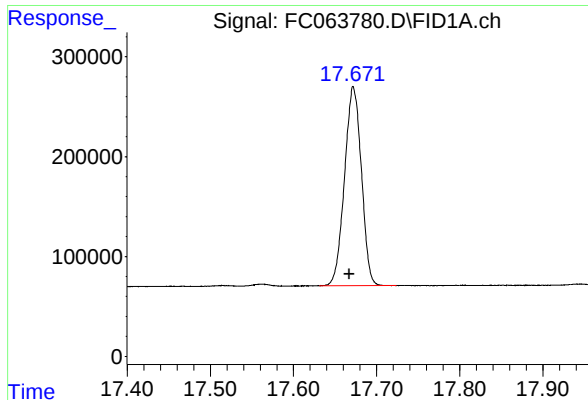
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.006 min
Response: 2574103
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

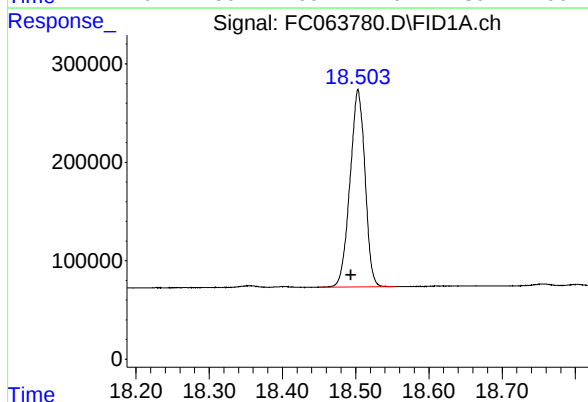
R.T.: 16.788 min
Delta R.T.: 0.007 min
Response: 2597312
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

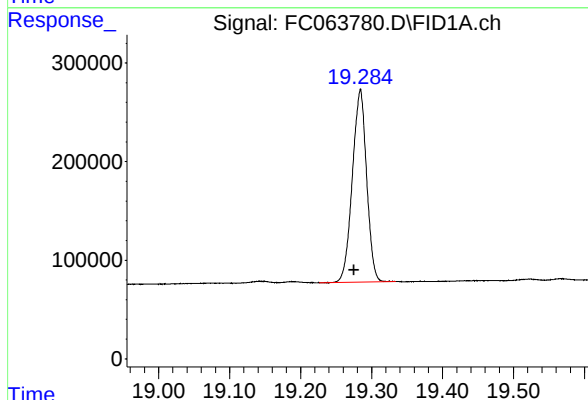
R.T.: 17.672 min
Delta R.T.: 0.005 min
Response: 2809339
Conc: 21.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



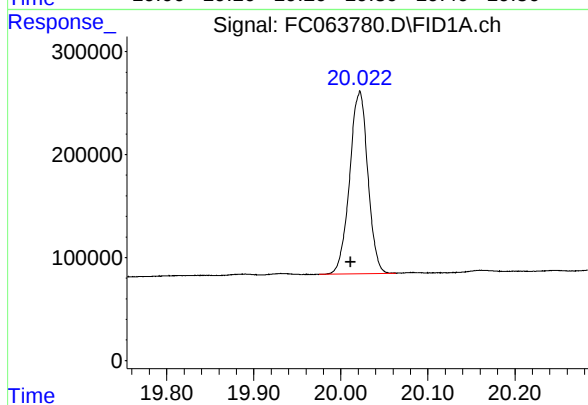
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.009 min
Response: 2852839
Conc: 22.93 ug/ml



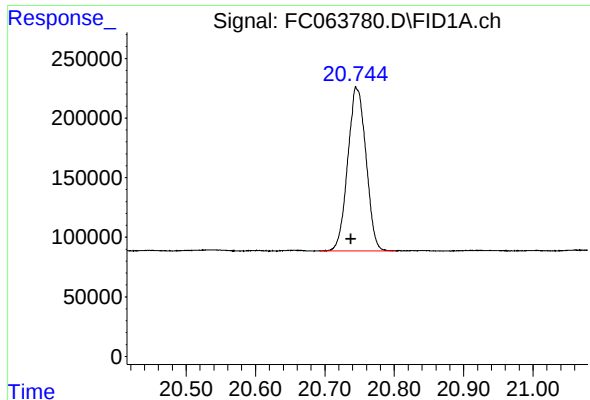
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.009 min
Response: 2722970
Conc: 22.08 ug/ml



#20 n-Hexatriacontane (C36)

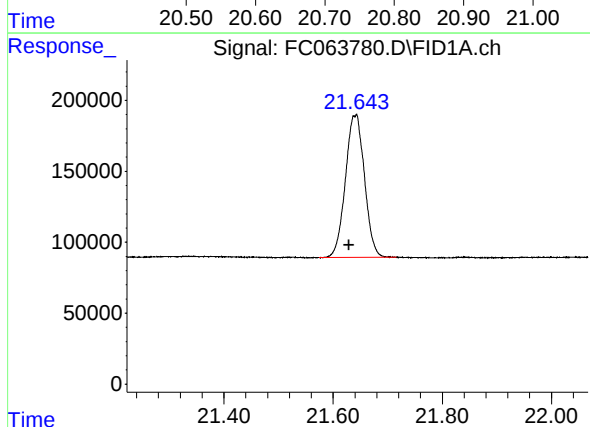
R.T.: 20.022 min
Delta R.T.: 0.010 min
Response: 2571042
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.008 min
Response: 2506179
Conc: 20.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: 0.013 min
Response: 2435385
Conc: 20.10 ug/ml