

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032923AL\
 Data File : FC063277.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2023 07:37
 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: Mar 30 08:09:17 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	2589004	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	12.967	1966016	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.298	2555281	21.125 ug/ml
2) T n-Decane (C10)	4.365	2552515	21.693 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2695179	20.931 ug/ml
4) T n-Dodecane (C12)	6.383	2526196	21.499 ug/ml
5) T A~2-methylnaphthalene...	7.004	2650074	22.531 ug/ml
6) T n-Tetradecane (C14)	8.176	2497400	21.692 ug/ml
7) T n-Hexadecane (C16)	9.775	2472878	21.226 ug/ml
8) T n-Octadecane (C18)	11.215	2494745	21.101 ug/ml
10) T n-Eicosane (C20)	12.524	2452385	21.289 ug/ml
11) T n-Heneicosane (C21)	13.135	2439691	21.167 ug/ml
13) T n-Docosane (C22)	13.720	2411311	21.176 ug/ml
14) T n-Tetracosane (C24)	14.819	2399864	21.109 ug/ml
15) T n-Hexacosane (C26)	15.838	2392005	21.255 ug/ml
16) T n-Octacosane (C28)	16.784	2424159	21.540 ug/ml
17) T n-Tricontane (C30)	17.669	2567745	22.576 ug/ml
18) T n-Dotriacontane (C32)	18.499	2653362	22.933 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2533987	22.046 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2457234	22.488 ug/ml
21) T n-Octatriacontane (C38)	20.746	2330791	21.571 ug/ml
22) T n-Tetracontane (C40)	21.642	2185873	20.642 ug/ml

(f)=RT Delta > 1/2 Window

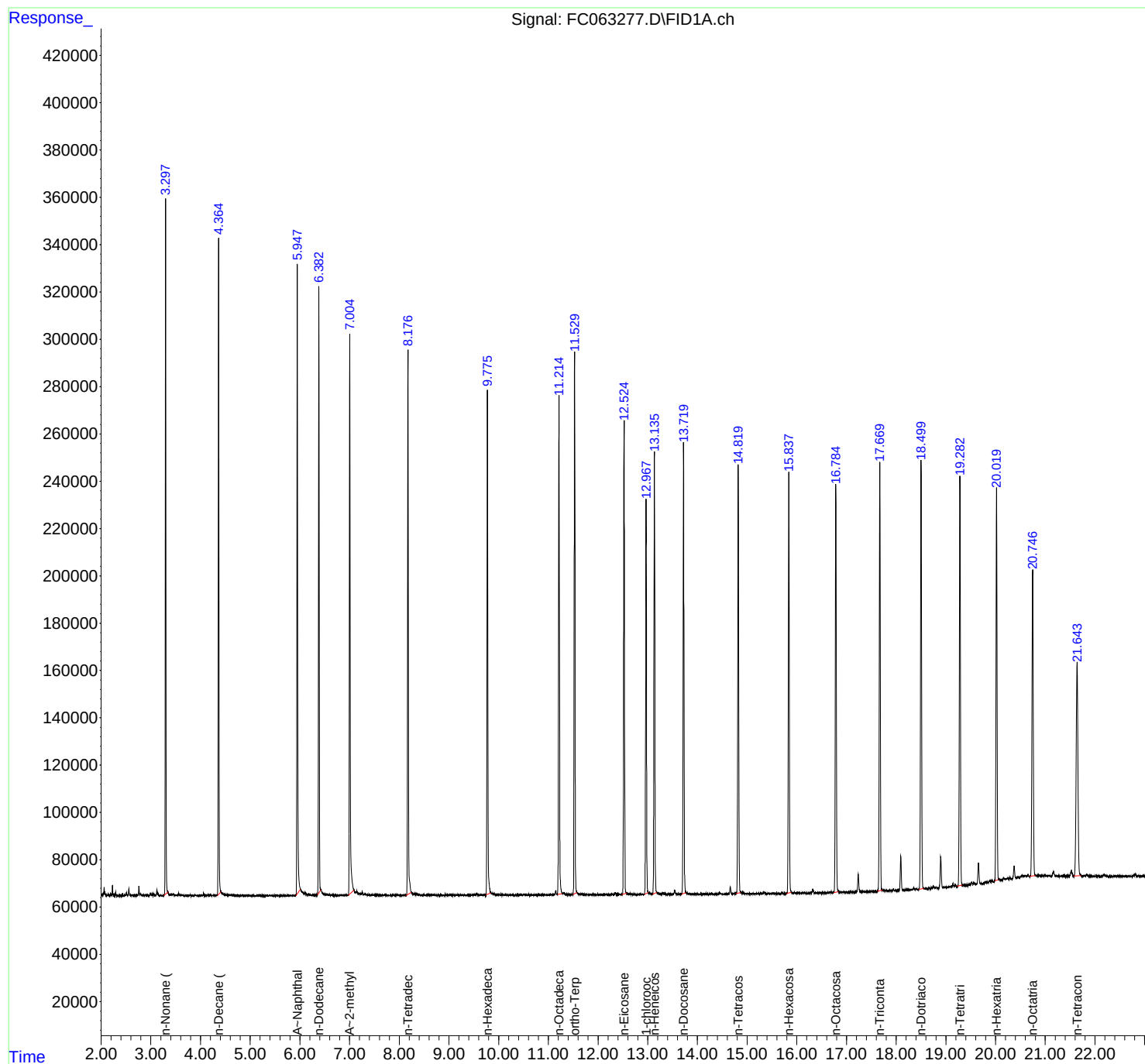
(m)=manual int.

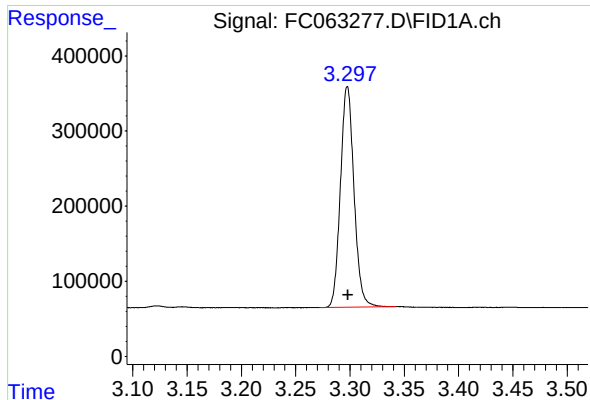
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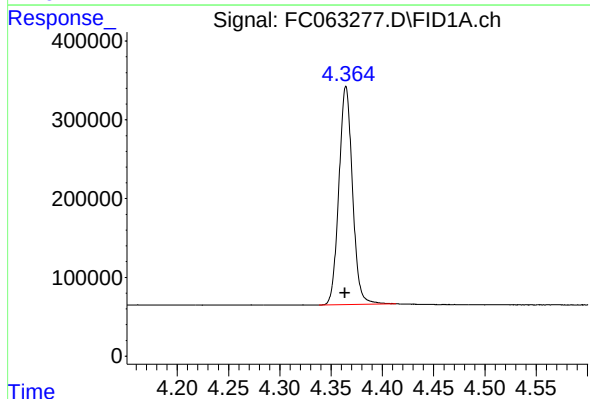




#1 n-Nonane (C9)

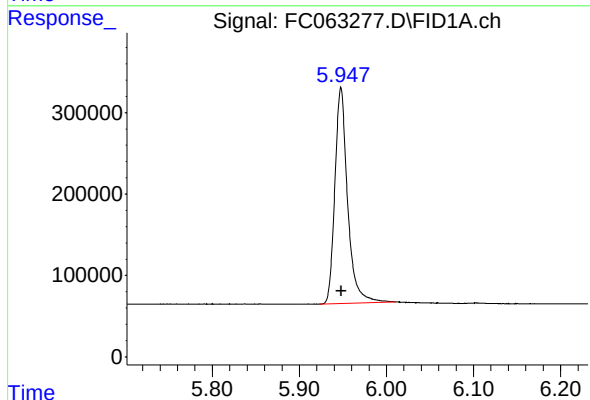
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 2555281
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



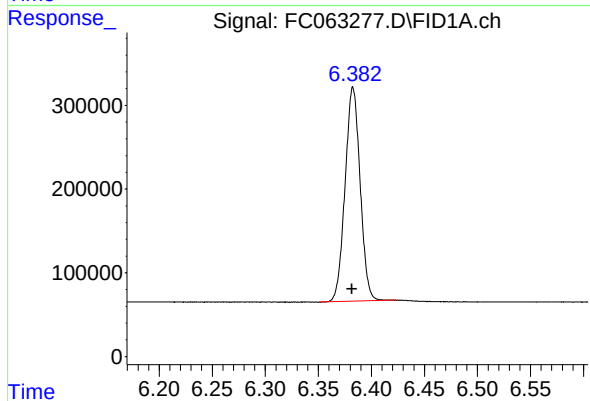
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 2552515
Conc: 21.69 ug/ml



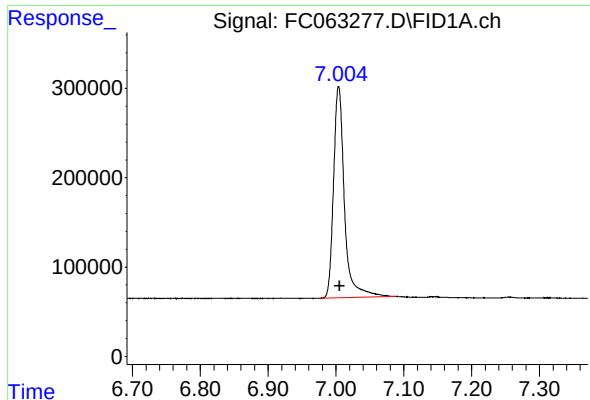
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2695179
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

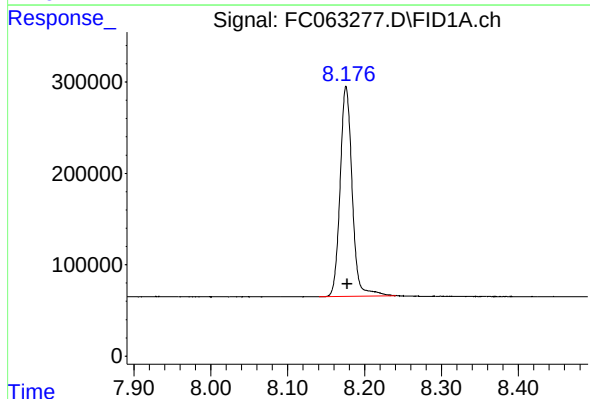
R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 2526196
Conc: 21.50 ug/ml



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

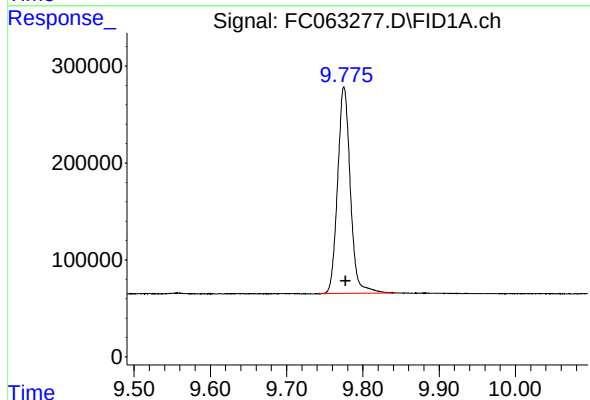
R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 2650074
Conc: 22.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



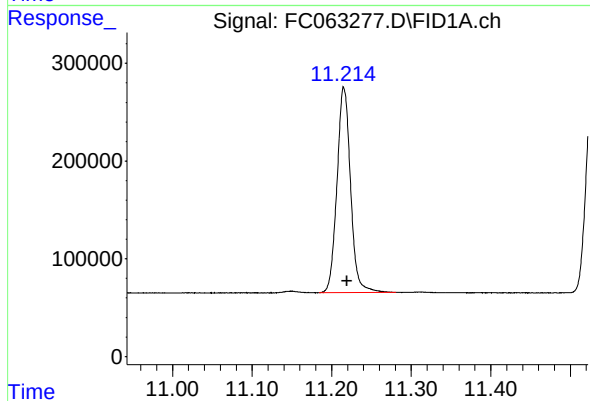
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 2497400
Conc: 21.69 ug/ml



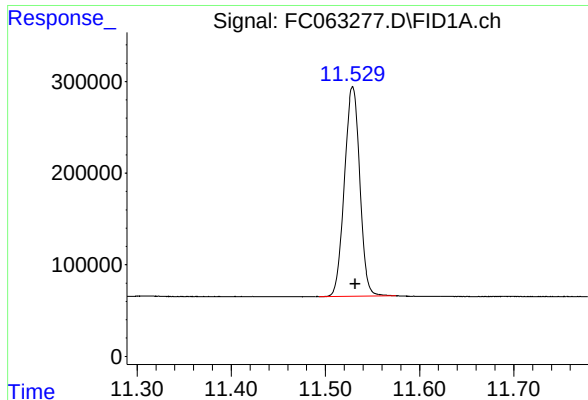
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 2472878
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

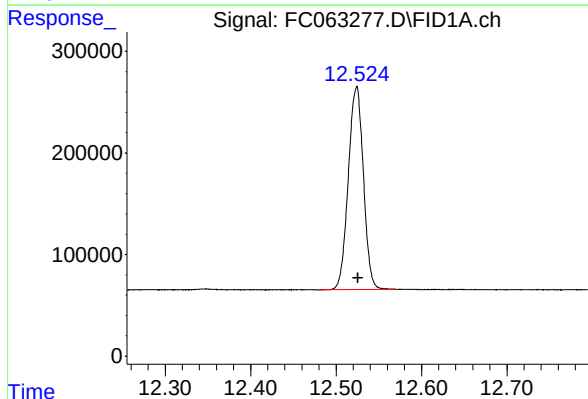
R.T.: 11.215 min
Delta R.T.: -0.004 min
Response: 2494745
Conc: 21.10 ug/ml



#9 ortho-Terphenyl (SURR)

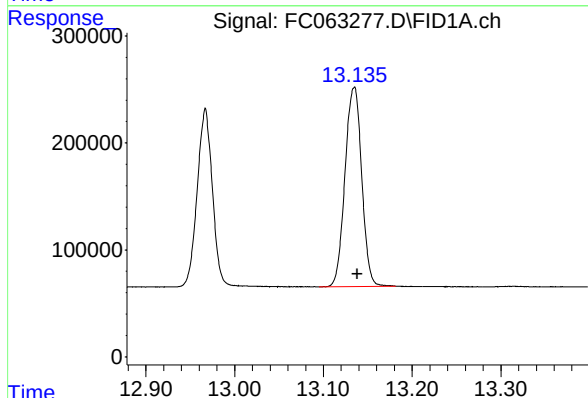
R.T.: 11.529 min
Delta R.T.: -0.003 min
Response: 2589004
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



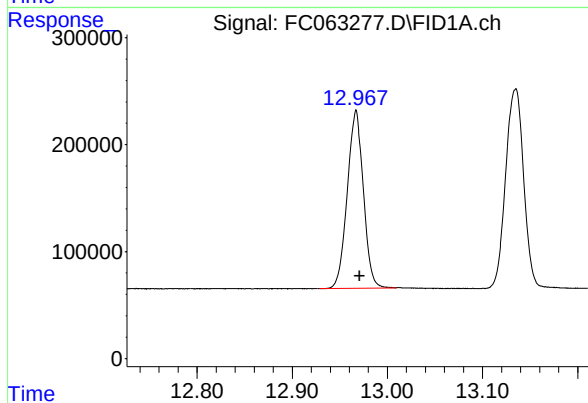
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.002 min
Response: 2452385
Conc: 21.29 ug/ml



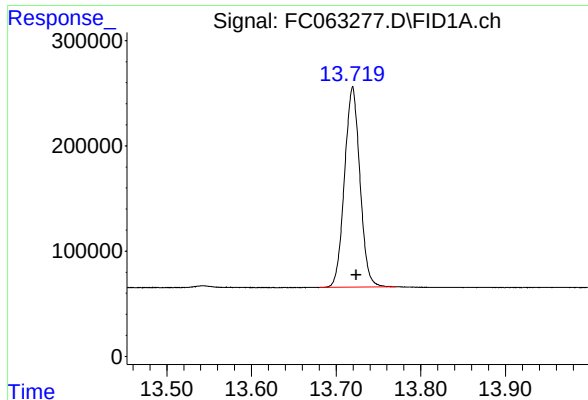
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.003 min
Response: 2439691
Conc: 21.17 ug/ml



#12 1-chlorooctadecane (SURR)

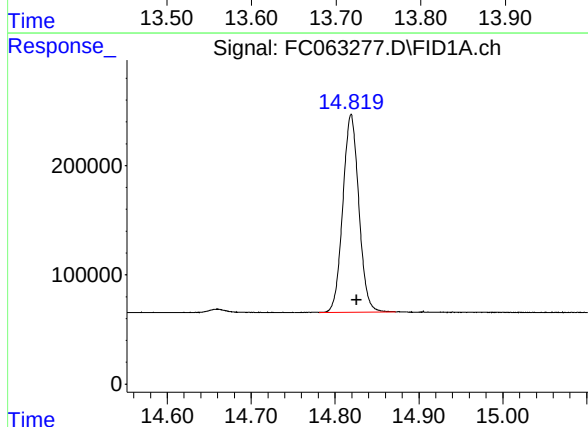
R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 1966016
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

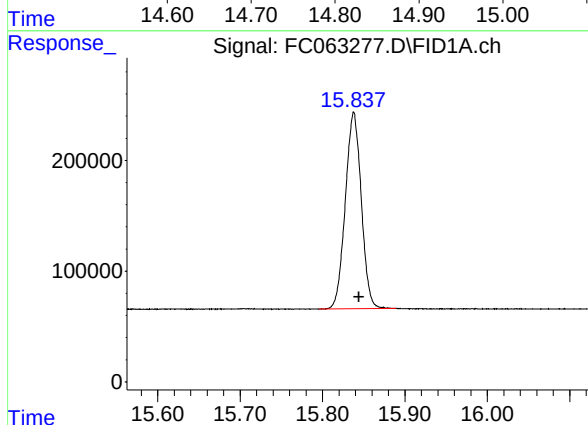
R.T.: 13.720 min
Delta R.T.: -0.004 min
Response: 2411311
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



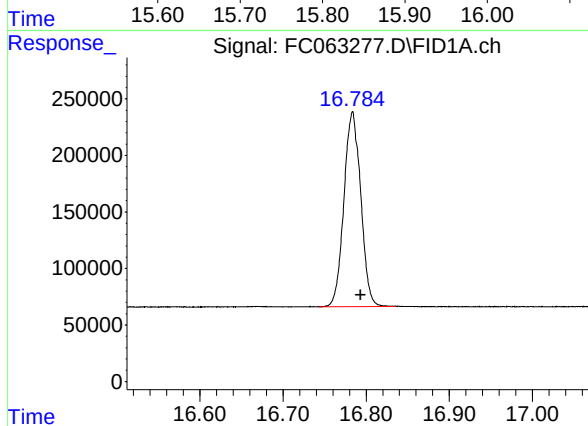
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.007 min
Response: 2399864
Conc: 21.11 ug/ml



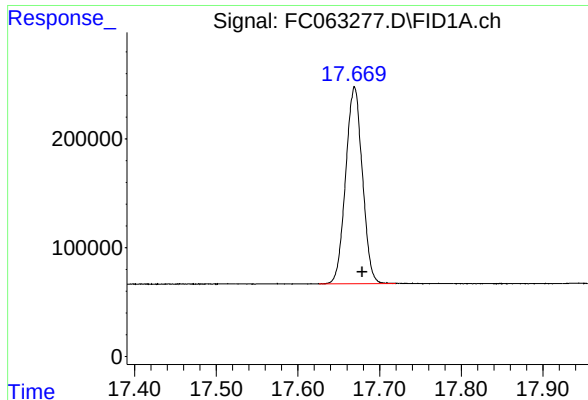
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.006 min
Response: 2392005
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

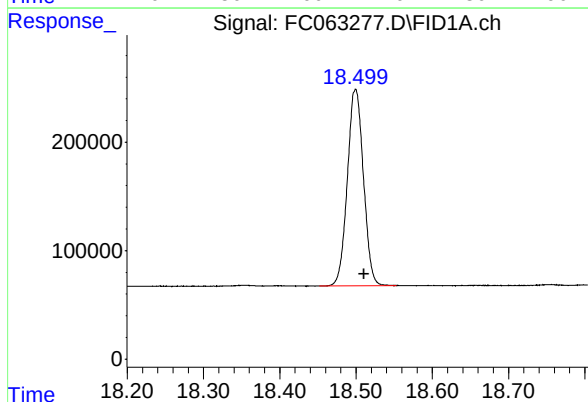
R.T.: 16.784 min
Delta R.T.: -0.010 min
Response: 2424159
Conc: 21.54 ug/ml



#17 n-Tricontane (C30)

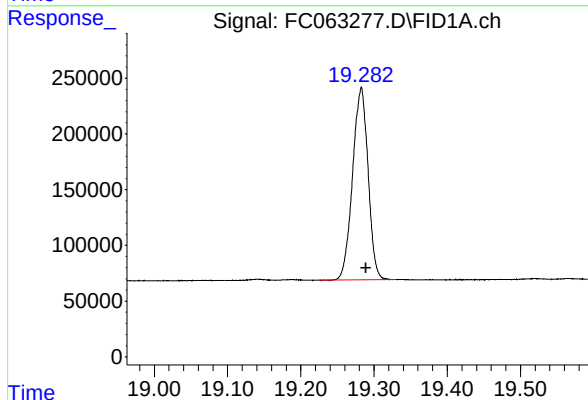
R.T.: 17.669 min
Delta R.T.: -0.009 min
Response: 2567745
Conc: 22.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



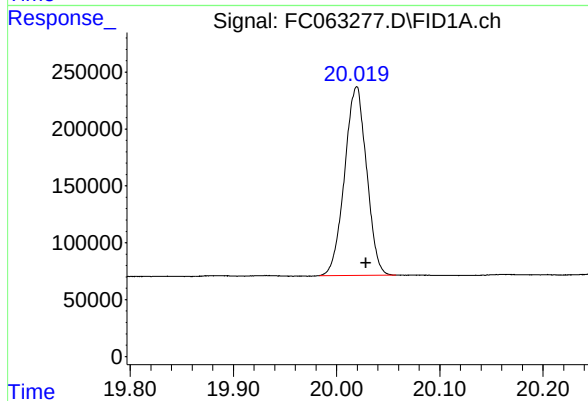
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: -0.011 min
Response: 2653362
Conc: 22.93 ug/ml



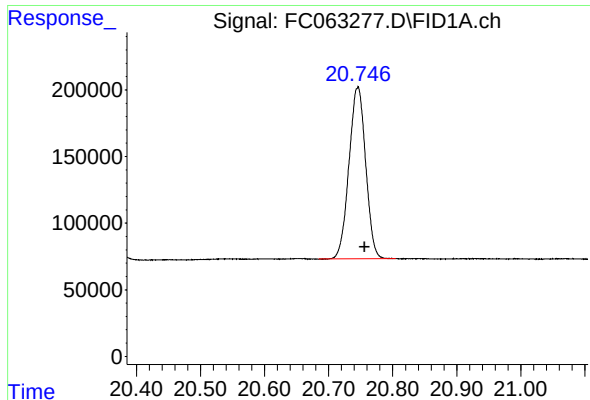
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: -0.006 min
Response: 2533987
Conc: 22.05 ug/ml



#20 n-Hexatriacontane (C36)

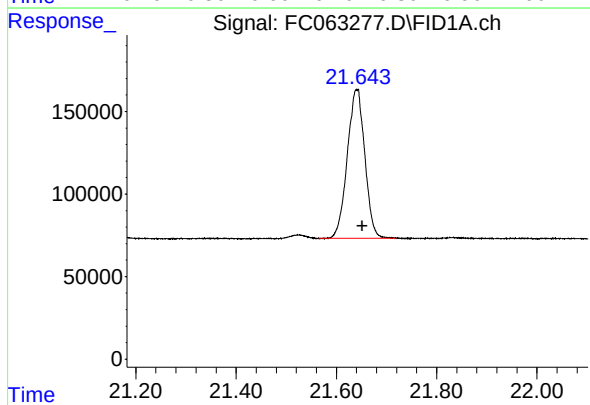
R.T.: 20.019 min
Delta R.T.: -0.009 min
Response: 2457234
Conc: 22.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.011 min
Response: 2330791
Conc: 21.57 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: -0.010 min
Response: 2185873
Conc: 20.64 ug/ml