

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103024AL\
 Data File : FC067588.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 07:23
 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: Nov 01 00:22:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	2817637	19.203 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	12.930	2106666	19.508 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.274	2562501	19.021 ug/ml
2) T n-Decane (C10)	4.338	2611307	19.166 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2826595	19.074 ug/ml
4) T n-Dodecane (C12)	6.353	2604642	19.231 ug/ml
5) T A~2-methylnaphthalene...	6.969	2695981	19.090 ug/ml
6) T n-Tetradecane (C14)	8.144	2532295	19.292 ug/ml
7) T n-Hexadecane (C16)	9.742	2562151	19.395 ug/ml
8) T n-Octadecane (C18)	11.181	2579000	19.521 ug/ml
10) T n-Eicosane (C20)	12.489	2455785	19.463 ug/ml
11) T n-Heneicosane (C21)	13.099	2405500	19.491 ug/ml
13) T n-Docosane (C22)	13.684	2388418	19.505 ug/ml
14) T n-Tetracosane (C24)	14.784	2378410	19.622 ug/ml
15) T n-Hexacosane (C26)	15.803	2349366	19.733 ug/ml
16) T n-Octacosane (C28)	16.752	2380755	20.236 ug/ml
17) T n-Tricontane (C30)	17.638	2551686	21.111 ug/ml
18) T n-Dotriacontane (C32)	18.469	2563153	21.663 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2255385	21.536 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1916156	21.050 ug/ml
21) T n-Octatriacontane (C38)	20.711	1797274	20.753 ug/ml
22) T n-Tetracontane (C40)	21.594	1737866	20.443 ug/ml

(f)=RT Delta > 1/2 Window

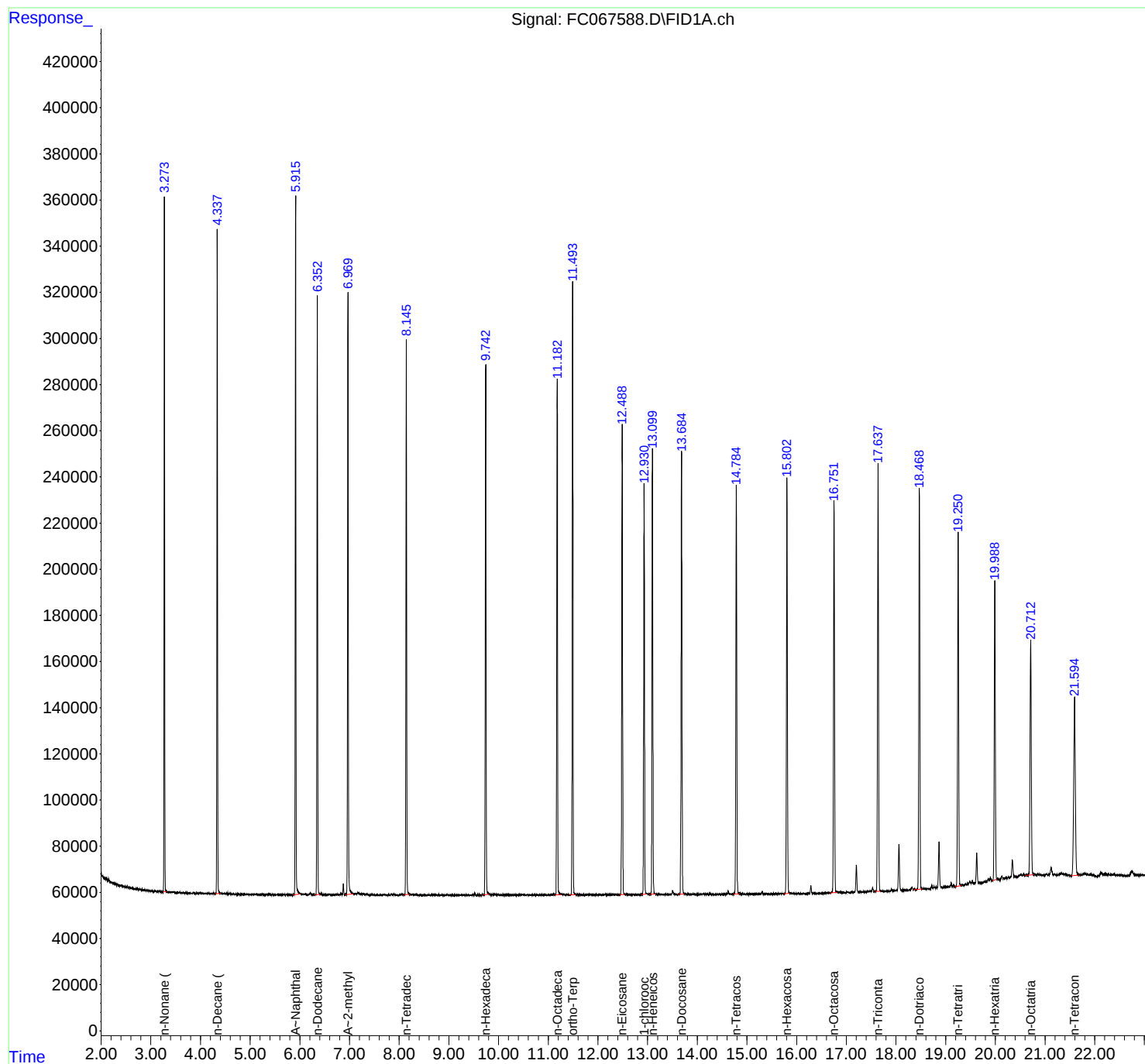
(m)=manual int.

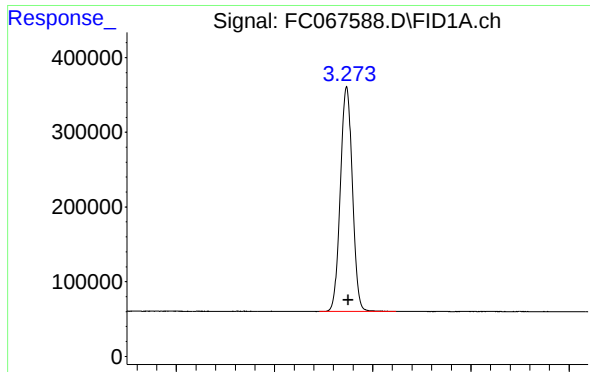
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103024AL\
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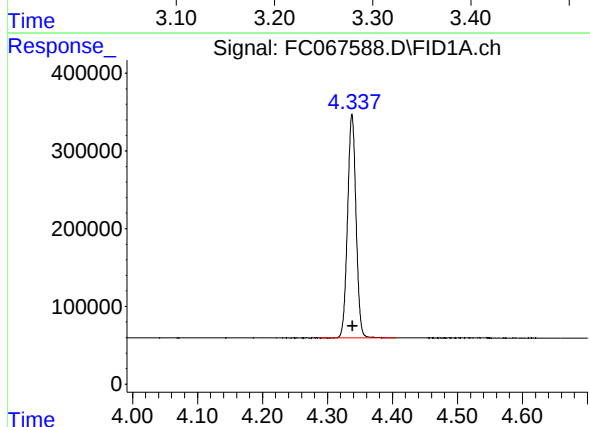




#1 n-Nonane (C9)

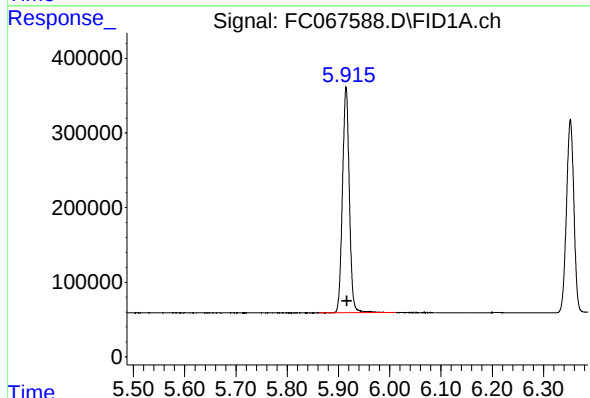
R.T.: 3.274 min
Delta R.T.: -0.001 min
Response: 2562501
Conc: 19.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



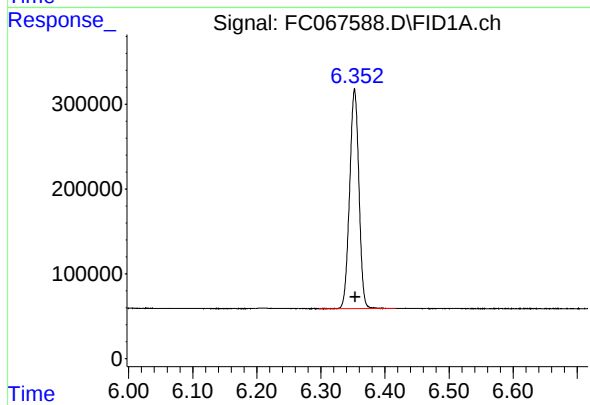
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2611307
Conc: 19.17 ug/ml



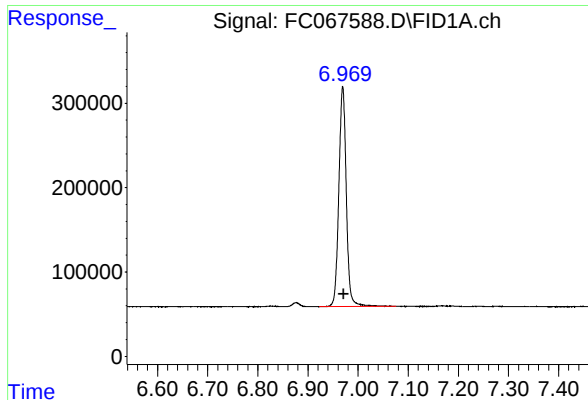
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2826595
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

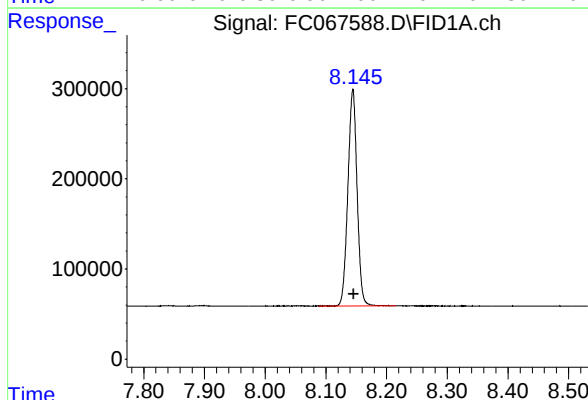
R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 2604642
Conc: 19.23 ug/ml



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

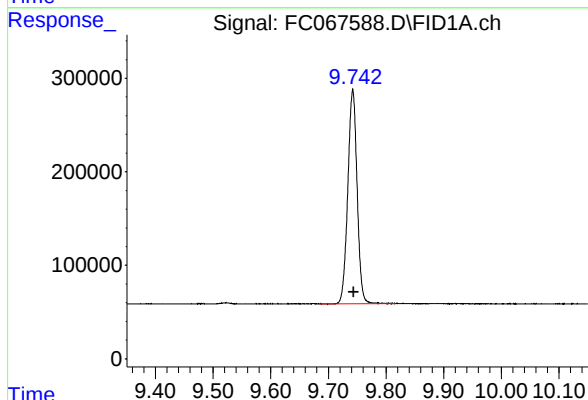
R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 2695981
Conc: 19.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



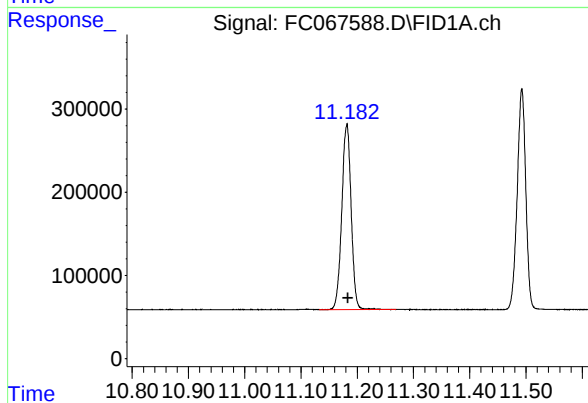
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 2532295
Conc: 19.29 ug/ml



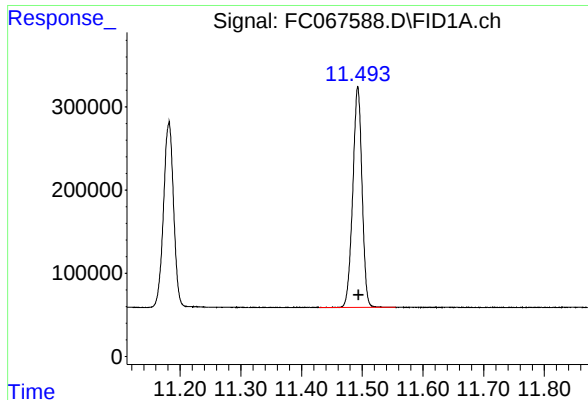
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 2562151
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

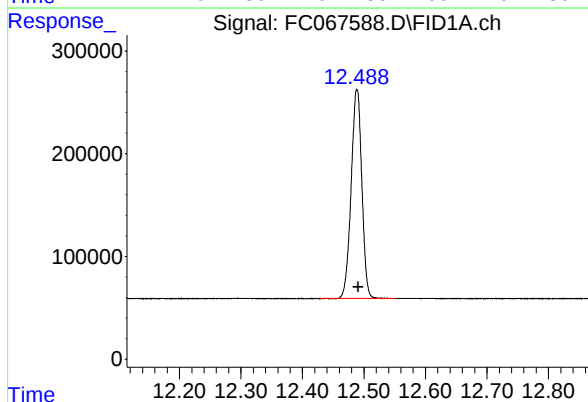
R.T.: 11.181 min
Delta R.T.: -0.002 min
Response: 2579000
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

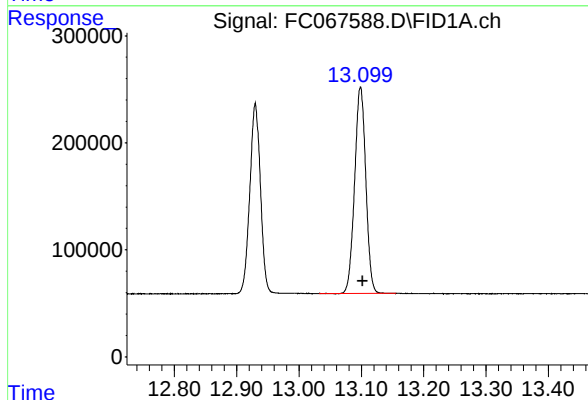
R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 2817637
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



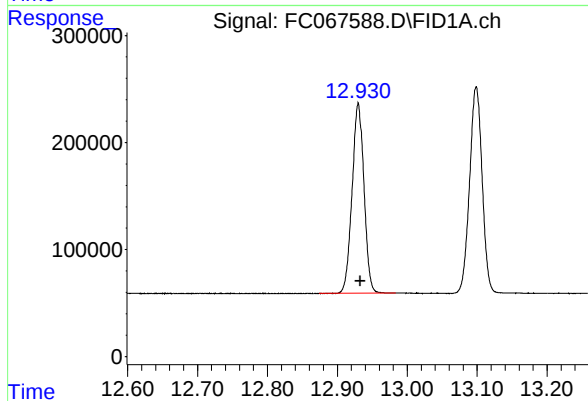
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.002 min
Response: 2455785
Conc: 19.46 ug/ml



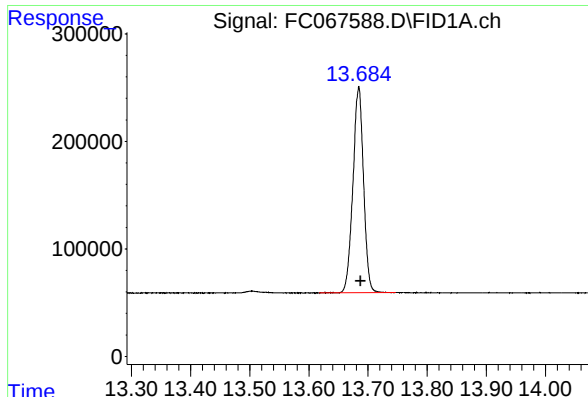
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2405500
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

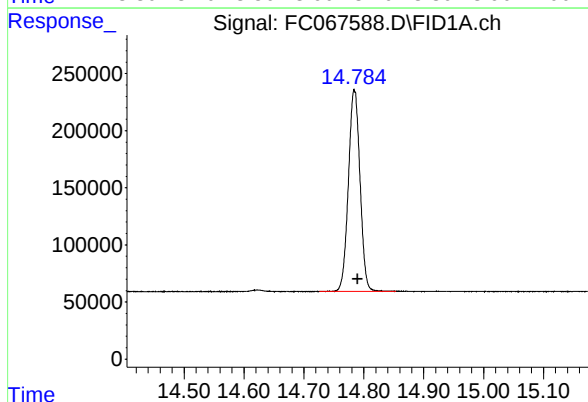
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2106666
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

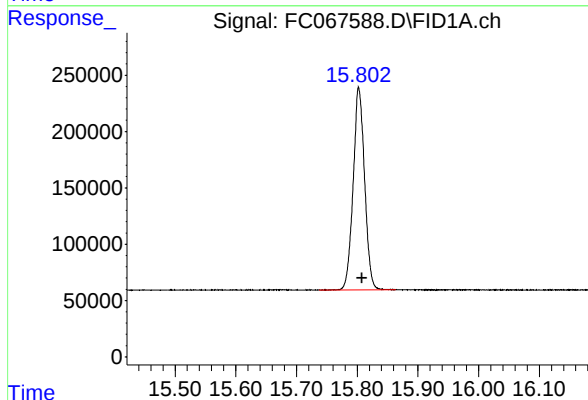
R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2388418
Conc: 19.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



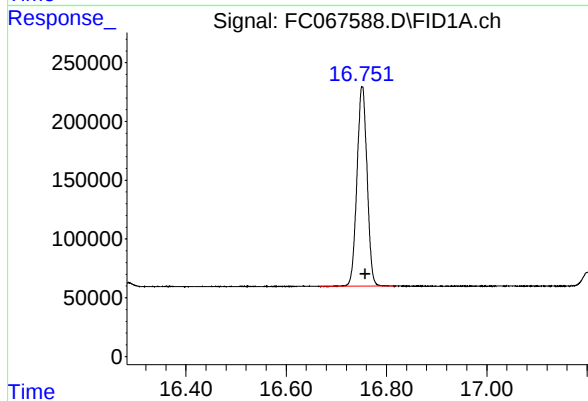
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.005 min
Response: 2378410
Conc: 19.62 ug/ml



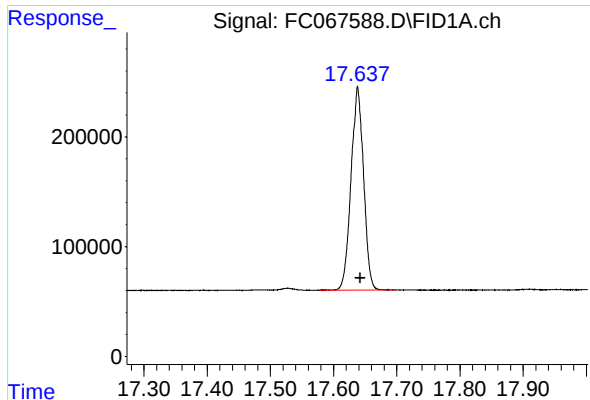
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.005 min
Response: 2349366
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

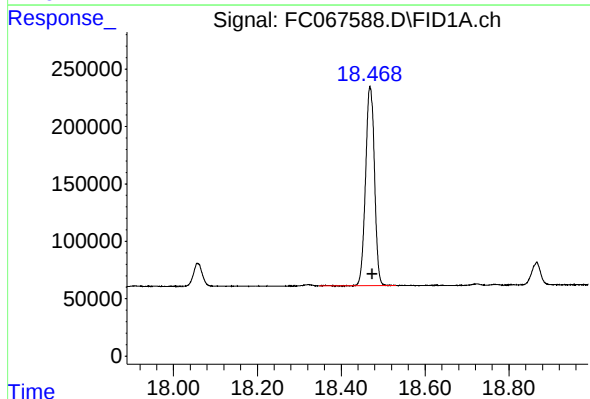
R.T.: 16.752 min
Delta R.T.: -0.006 min
Response: 2380755
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

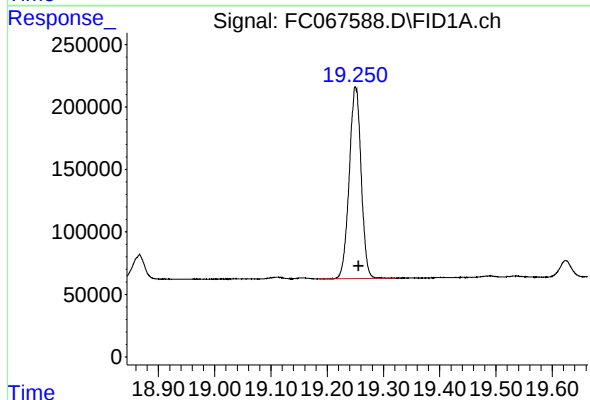
R.T.: 17.638 min
Delta R.T.: -0.004 min
Response: 2551686
Conc: 21.11 ug/ml

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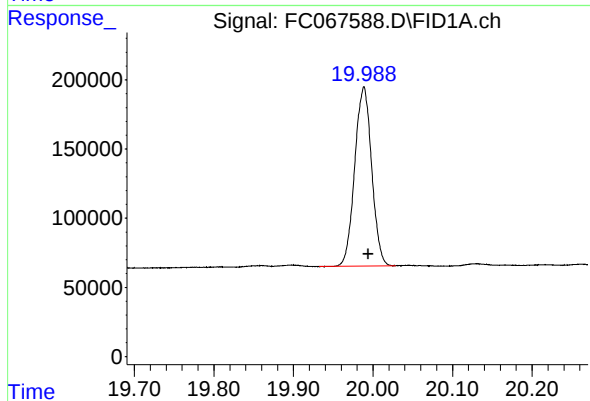
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2563153
Conc: 21.66 ug/ml



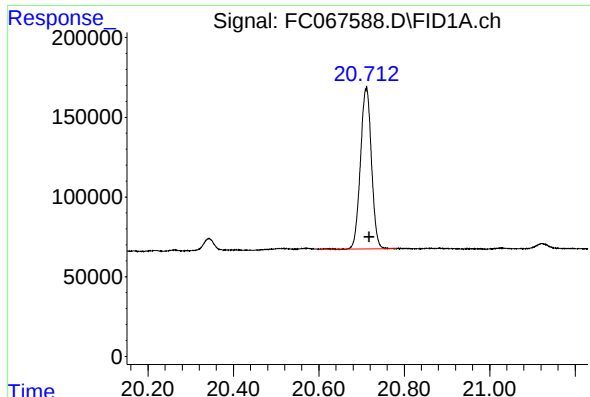
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.006 min
Response: 2255385
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

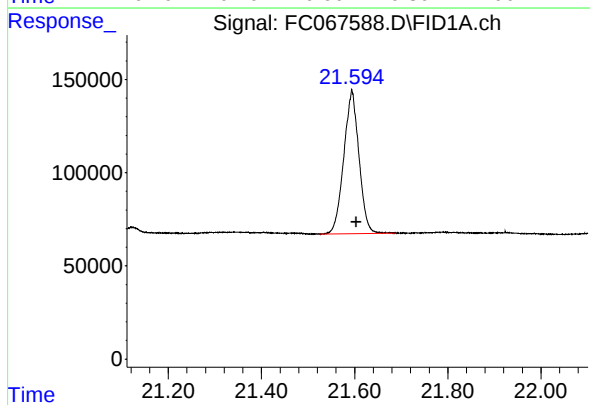
R.T.: 19.988 min
Delta R.T.: -0.006 min
Response: 1916156
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.007 min
Response: 1797274
Conc: 20.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.009 min
Response: 1737866
Conc: 20.44 ug/ml