

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022423AL\
 Data File : FC063013.D
 Signal(s) : FID1A.ch
 Acq On : 24 Feb 2023 06:44
 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: Feb 24 07:14:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.535	2616201	20.155 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	12.974	1990193	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
Target Compounds			
1) T n-Nonane (C9)	3.294	2439183	20.574 ug/ml
2) T n-Decane (C10)	4.362	2382683	20.663 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2655003	20.760 ug/ml
4) T n-Dodecane (C12)	6.383	2385566	20.659 ug/ml
5) T A~2-methylnaphthalene...	7.005	2468325	20.971 ug/ml
6) T n-Tetradecane (C14)	8.180	2342674	20.728 ug/ml
7) T n-Hexadecane (C16)	9.780	2369633	20.599 ug/ml
8) T n-Octadecane (C18)	11.222	2376353	20.402 ug/ml
10) T n-Eicosane (C20)	12.530	2309397	20.268 ug/ml
11) T n-Heneicosane (C21)	13.142	2312471	20.291 ug/ml
13) T n-Docosane (C22)	13.729	2287062	20.278 ug/ml
14) T n-Tetracosane (C24)	14.830	2276498	20.314 ug/ml
15) T n-Hexacosane (C26)	15.849	2255388	20.394 ug/ml
16) T n-Octacosane (C28)	16.797	2257700	20.519 ug/ml
17) T n-Tricontane (C30)	17.683	2283586	20.737 ug/ml
18) T n-Dotriacontane (C32)	18.514	2333950	20.912 ug/ml
19) T n-Tetratriacontane (C34)	19.296	2325460	20.807 ug/ml
20) T n-Hexatriacontane (C36)	20.034	2226855	20.514 ug/ml
21) T n-Octatriacontane (C38)	20.763	2268032	20.872 ug/ml
22) T n-Tetracontane (C40)	21.665	2304086	21.179 ug/ml

(f)=RT Delta > 1/2 Window

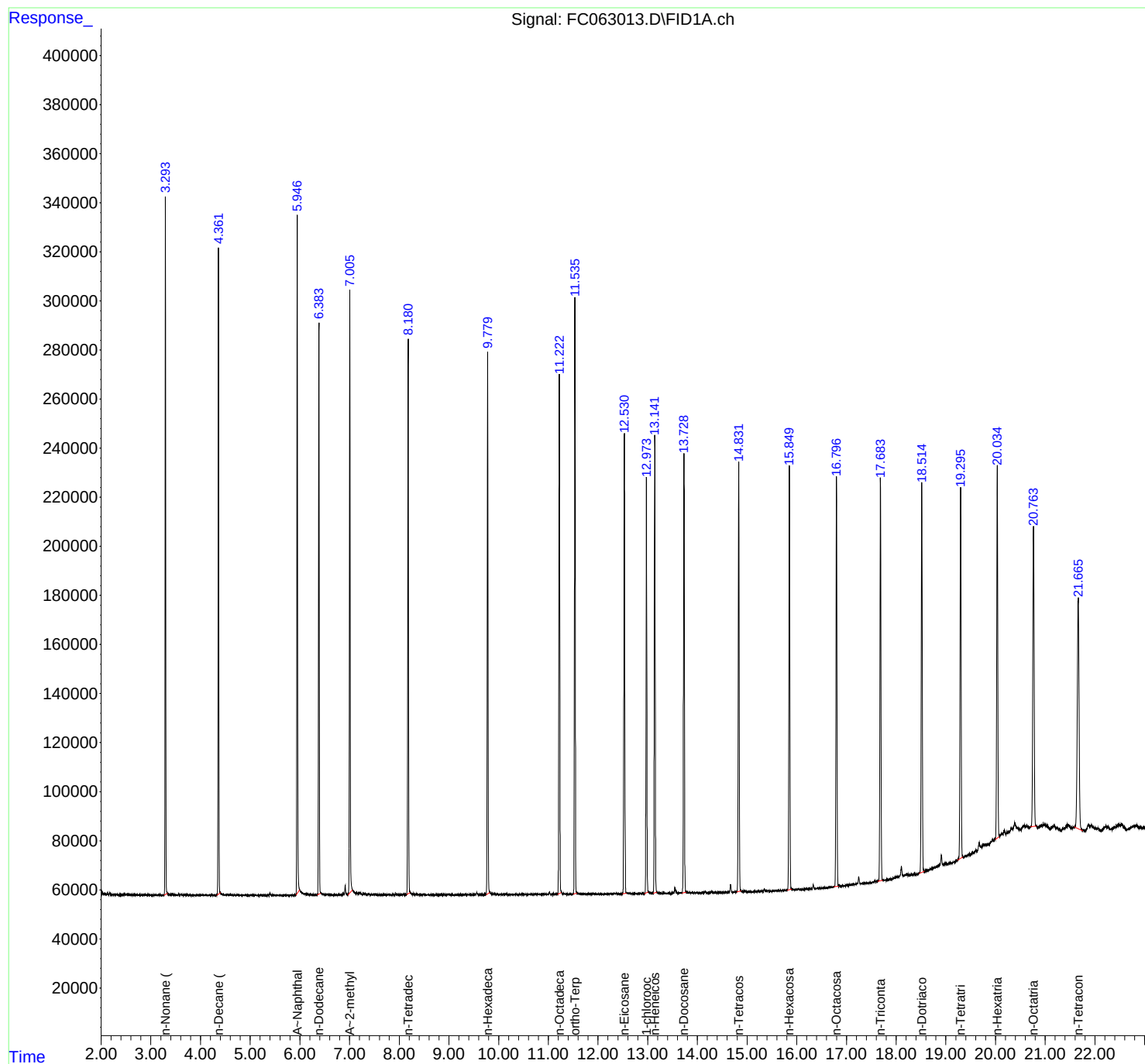
(m)=manual int.

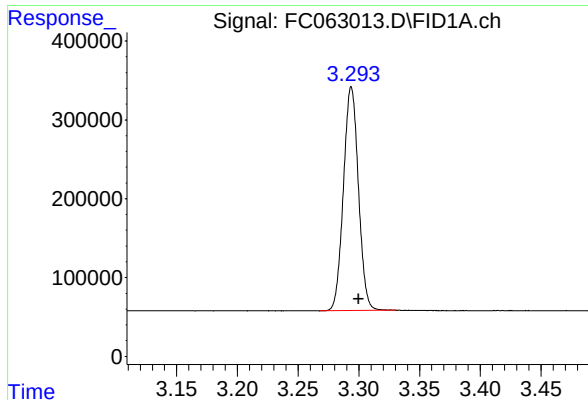
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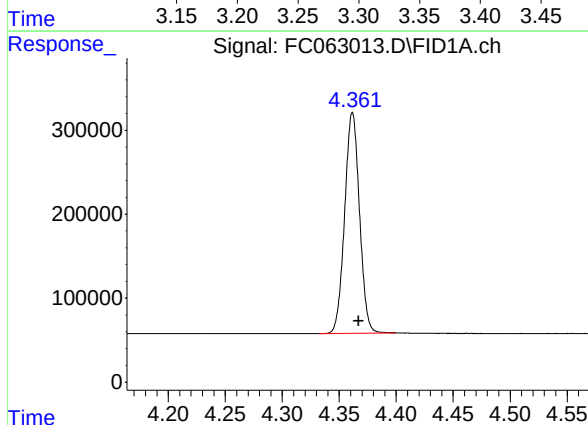




#1 n-Nonane (C9)

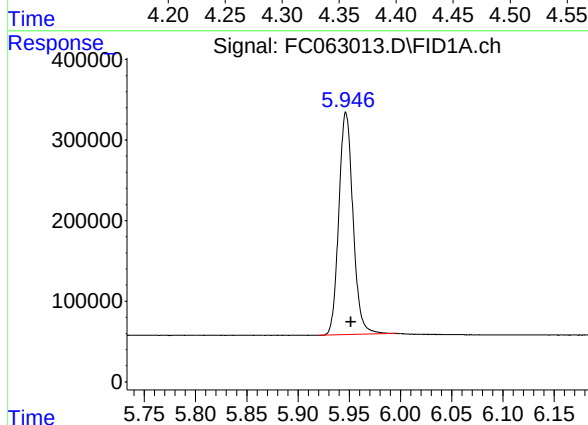
R.T.: 3.294 min
Delta R.T.: -0.006 min
Response: 2439183
Conc: 20.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



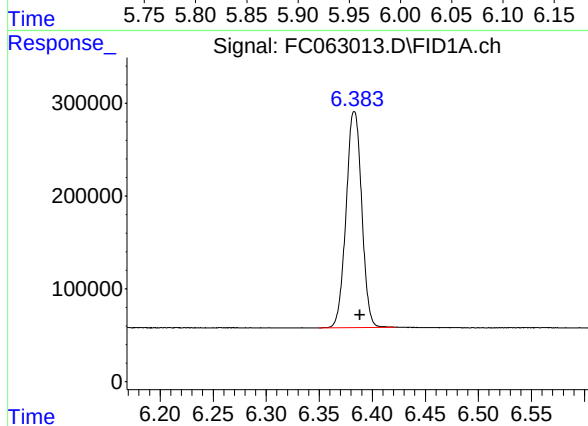
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.006 min
Response: 2382683
Conc: 20.66 ug/ml



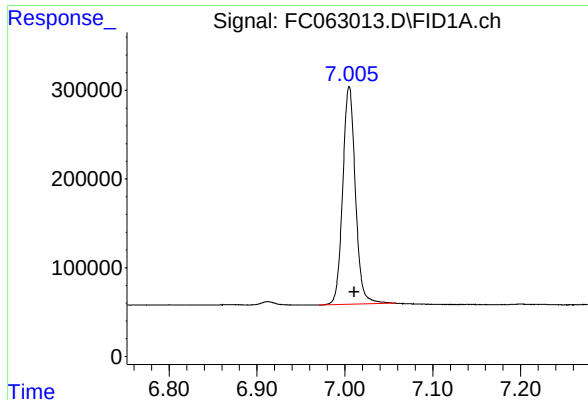
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2655003
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

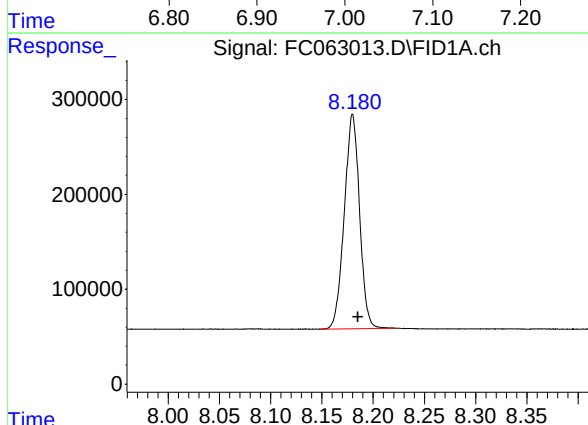
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2385566
Conc: 20.66 ug/ml



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

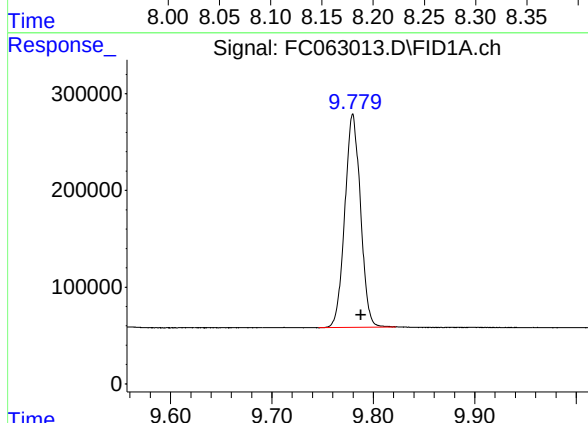
R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2468325
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



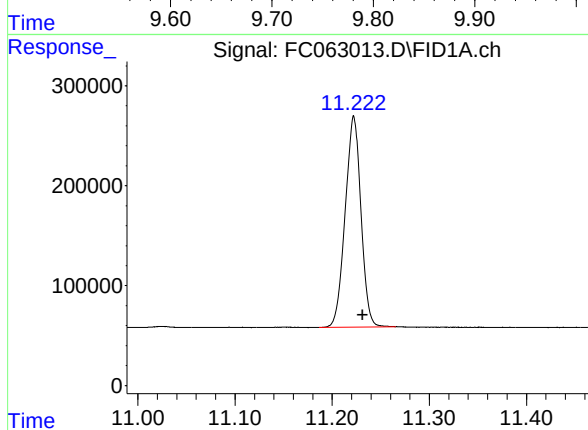
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2342674
Conc: 20.73 ug/ml



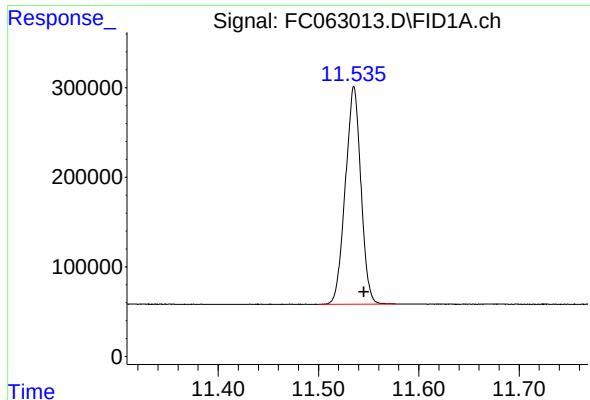
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 2369633
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

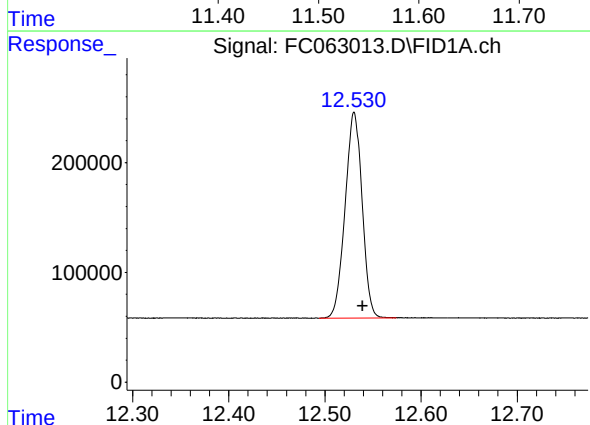
R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 2376353
Conc: 20.40 ug/ml



#9 ortho-Terphenyl (SURR)

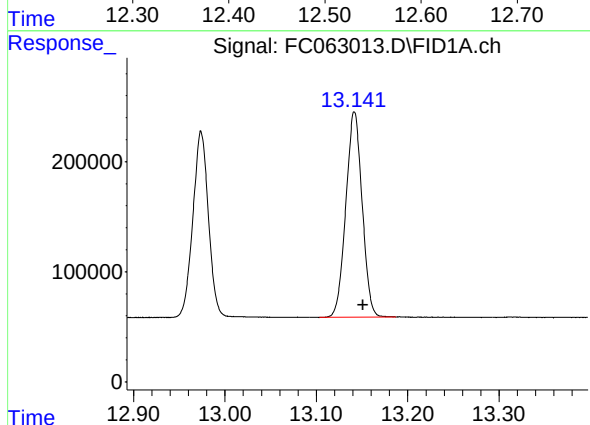
R.T.: 11.535 min
Delta R.T.: -0.010 min
Response: 2616201
Conc: 20.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



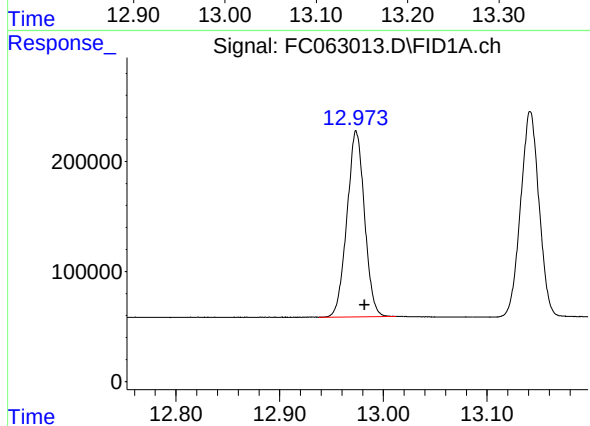
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.009 min
Response: 2309397
Conc: 20.27 ug/ml



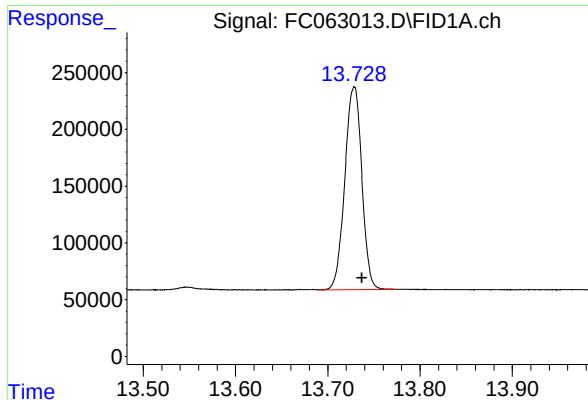
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 2312471
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

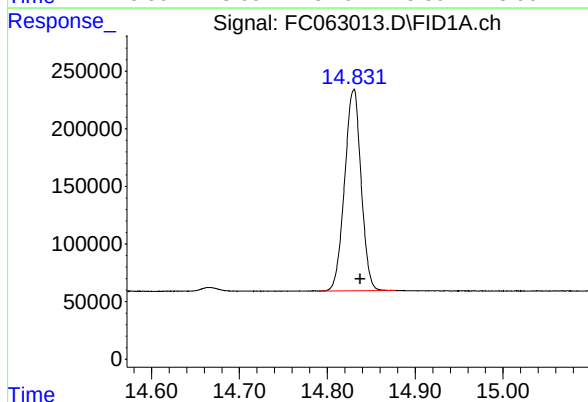
R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 1990193
Conc: 20.40 ug/ml



#13 n-Docosane (C22)

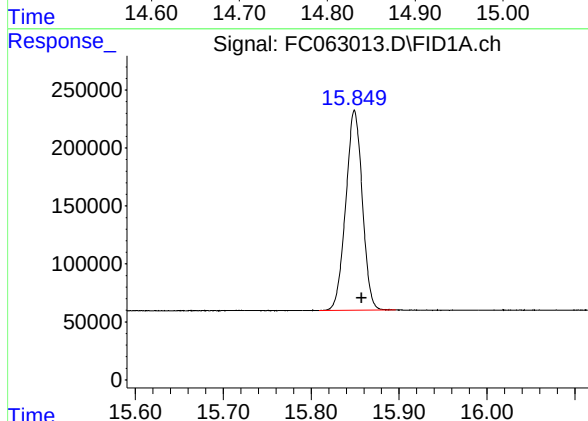
R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2287062
Conc: 20.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



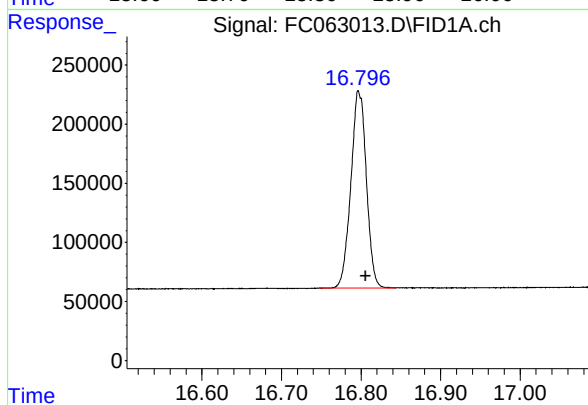
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 2276498
Conc: 20.31 ug/ml



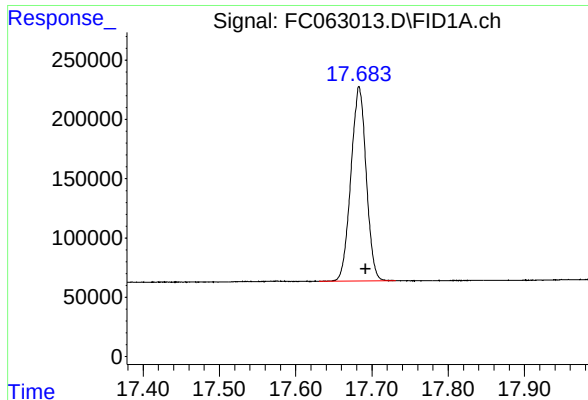
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.008 min
Response: 2255388
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

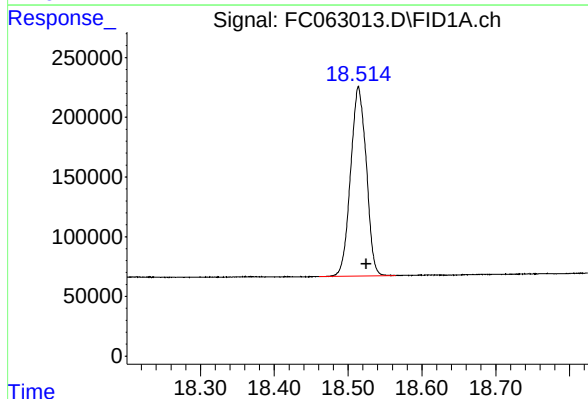
R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 2257700
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

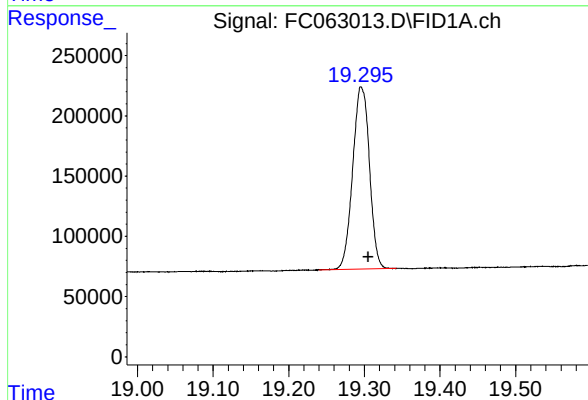
R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 2283586
Conc: 20.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



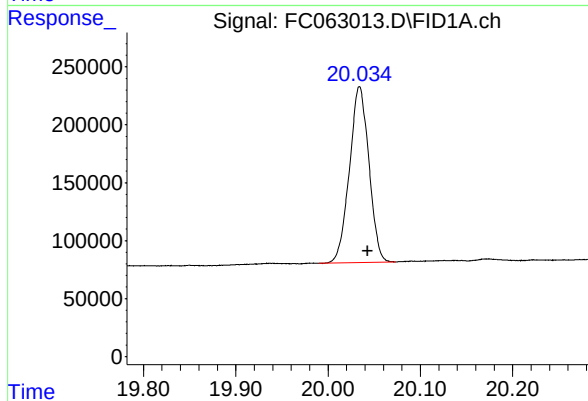
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.011 min
Response: 2333950
Conc: 20.91 ug/ml



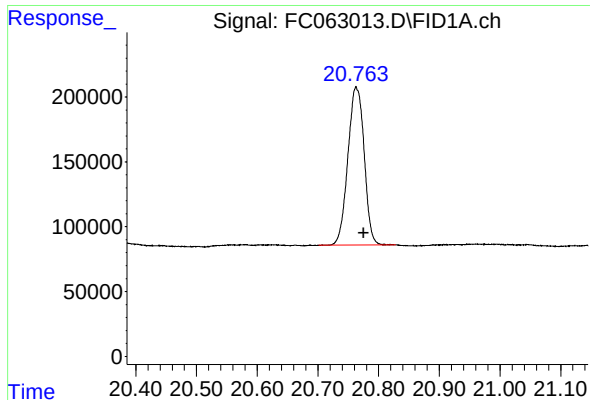
#19 n-Tetatriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.010 min
Response: 2325460
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

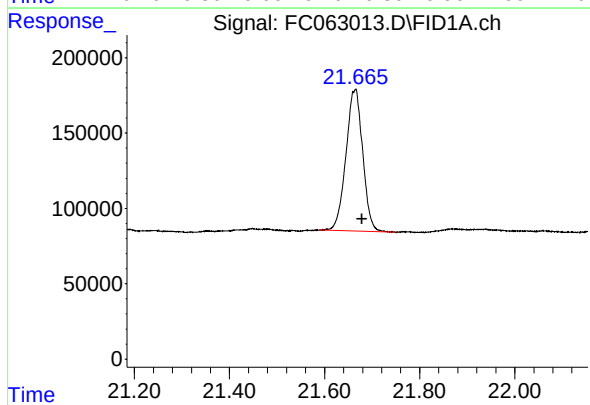
R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 2226855
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.012 min
Response: 2268032
Conc: 20.87 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: -0.014 min
Response: 2304086
Conc: 21.18 ug/ml