

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063420.D
 Signal(s) : FID1A.ch
 Acq On : 20 Apr 2023 09:04
 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: Apr 21 02:15:43 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)	11.534	2617190	17.202 ug/ml
Spiked Amount 50.000		Recovery =	34.40%
12) S 1-chlorooctadecane (S...	12.971	2024219	18.295 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.296	2456387	17.496 ug/ml
2) T n-Decane (C10)	4.363	2548761	18.704 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2655666	17.587 ug/ml
4) T n-Dodecane (C12)	6.384	2541198	18.890 ug/ml
5) T A~2-methylnaphthalene...	7.006	2612108	18.754 ug/ml
6) T n-Tetradecane (C14)	8.179	2480081	18.320 ug/ml
7) T n-Hexadecane (C16)	9.780	2483835	18.291 ug/ml
8) T n-Octadecane (C18)	11.220	2493343	18.001 ug/ml
10) T n-Eicosane (C20)	12.528	2476521	18.433 ug/ml
11) T n-Heneicosane (C21)	13.138	2461804	18.291 ug/ml
13) T n-Docosane (C22)	13.723	2447116	18.350 ug/ml
14) T n-Tetracosane (C24)	14.824	2440281	18.149 ug/ml
15) T n-Hexacosane (C26)	15.843	2453007	18.326 ug/ml
16) T n-Octacosane (C28)	16.790	2555282	18.872 ug/ml
17) T n-Tricontane (C30)	17.676	2893068	20.914 ug/ml
18) T n-Dotriacontane (C32)	18.508	3083687	21.843 ug/ml
19) T n-Tetratriacontane (C34)	19.289	2905009	21.050 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2741733	21.450 ug/ml
21) T n-Octatriacontane (C38)	20.753	2553572	20.739 ug/ml
22) T n-Tetracontane (C40)	21.652	2463758	20.936 ug/ml

(f)=RT Delta > 1/2 Window

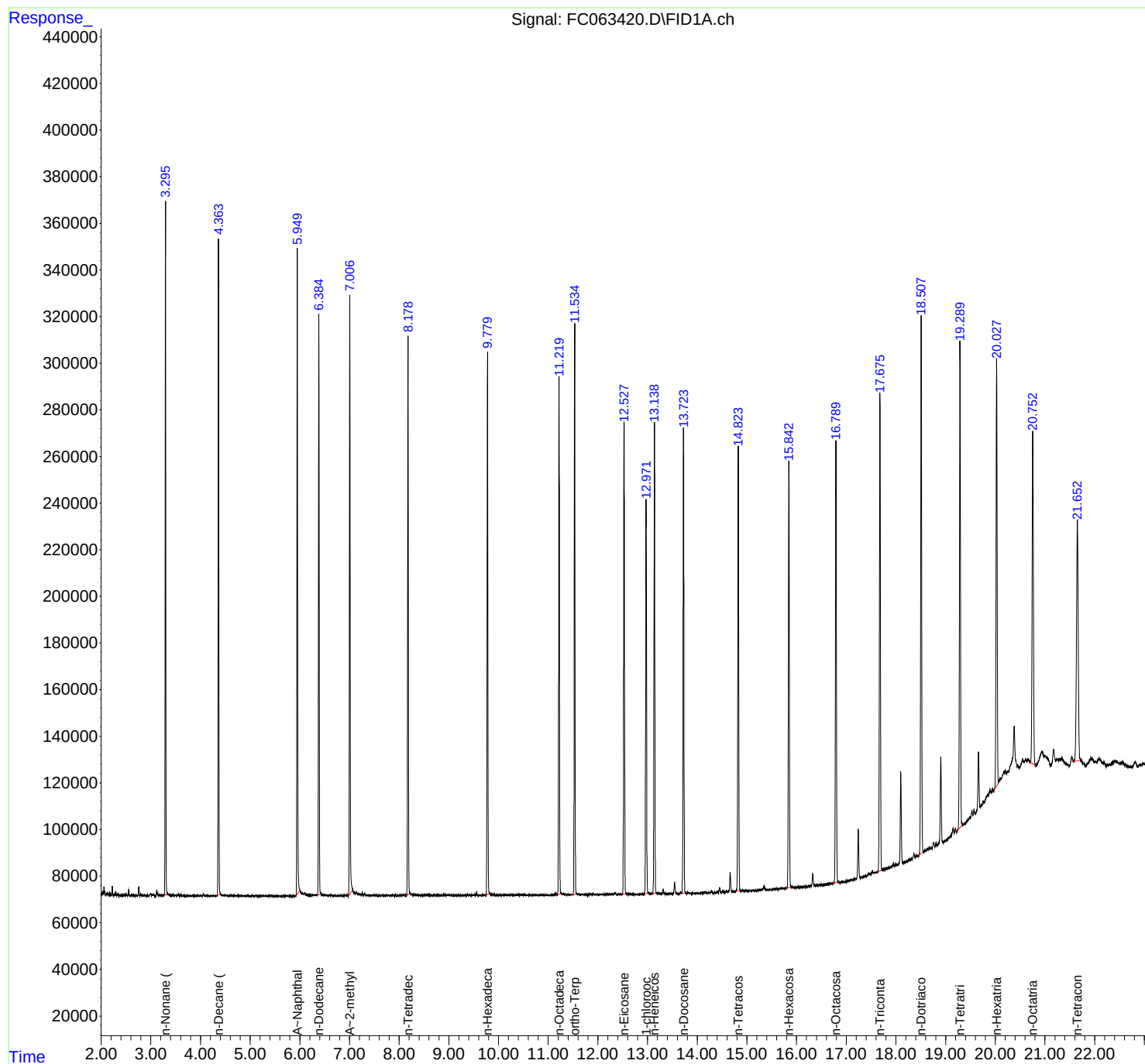
(m)=manual int.

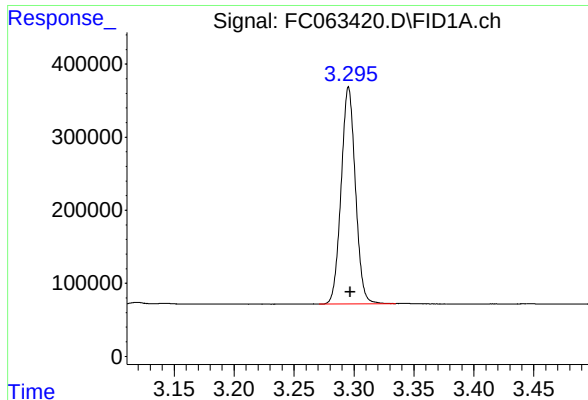
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
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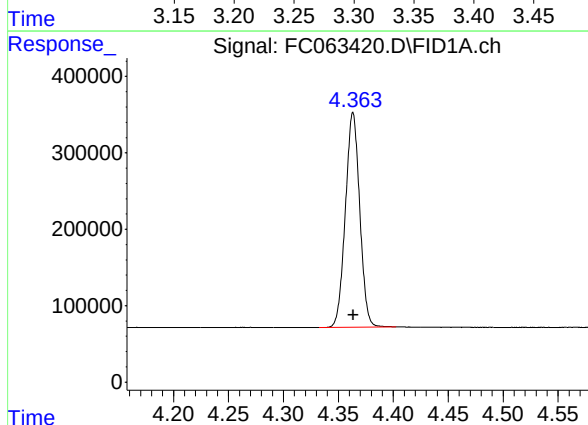




#1 n-Nonane (C9)

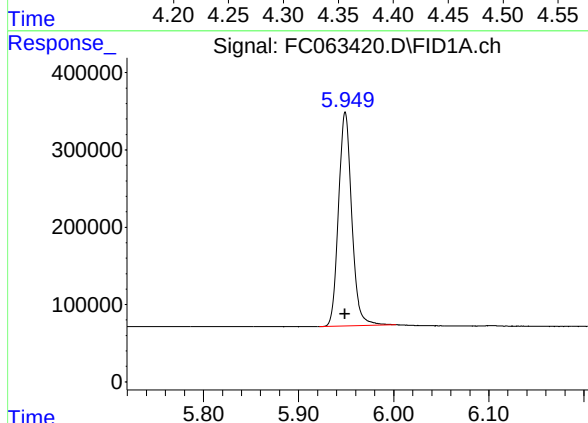
R.T.: 3.296 min
Delta R.T.: -0.001 min
Response: 2456387
Conc: 17.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



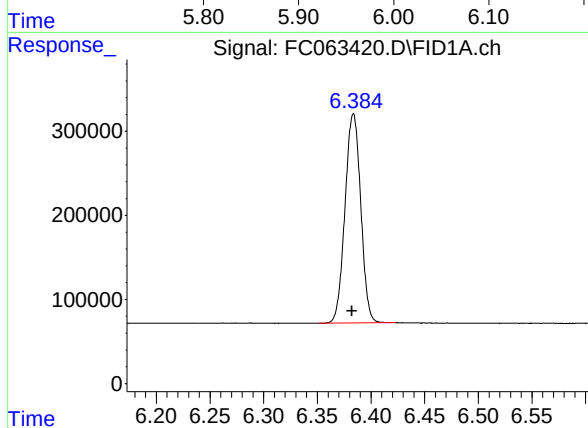
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2548761
Conc: 18.70 ug/ml



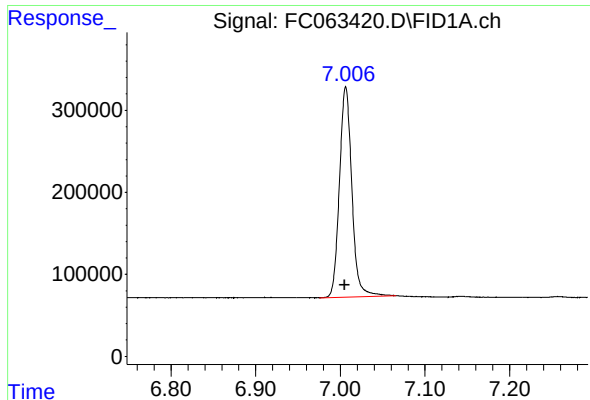
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2655666
Conc: 17.59 ug/ml



#4 n-Dodecane (C12)

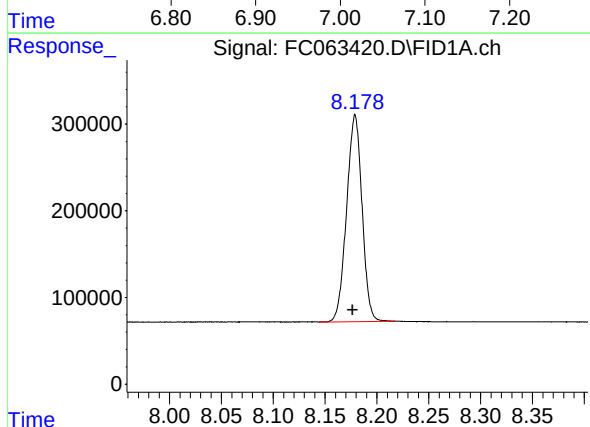
R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 2541198
Conc: 18.89 ug/ml



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

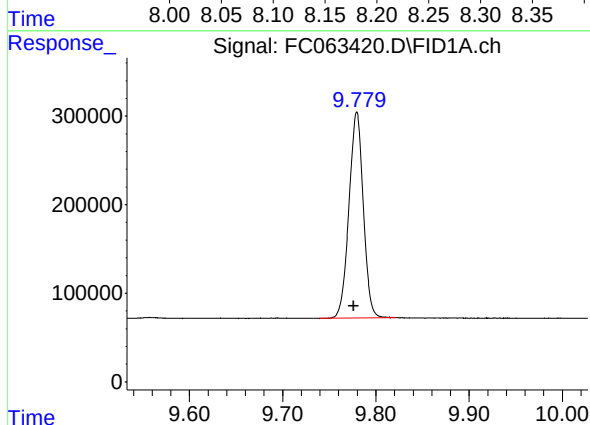
R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 2612108
Conc: 18.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



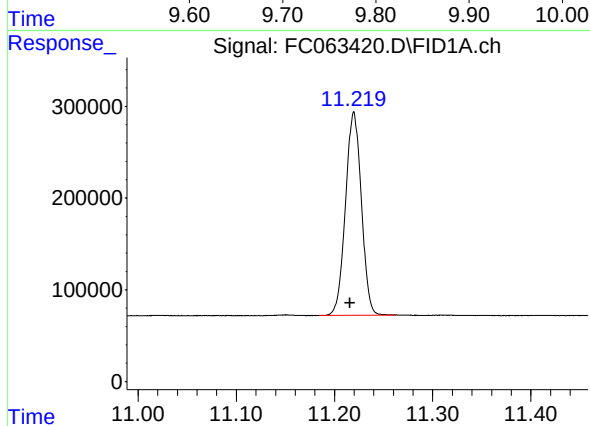
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 2480081
Conc: 18.32 ug/ml



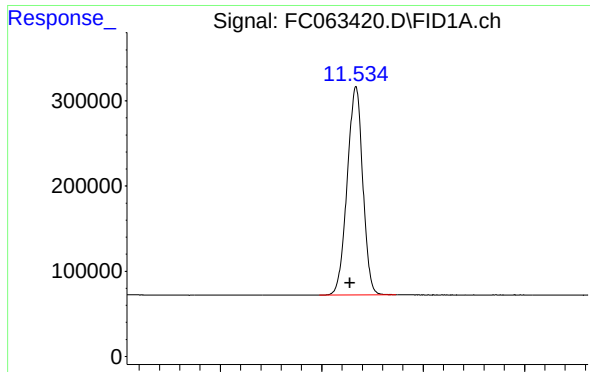
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.004 min
Response: 2483835
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

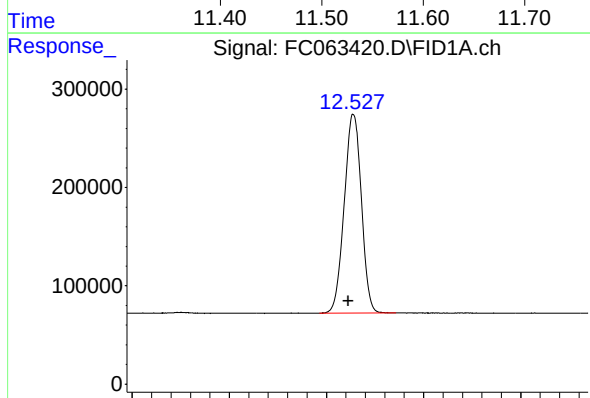
R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 2493343
Conc: 18.00 ug/ml



#9 ortho-Terphenyl (SURR)

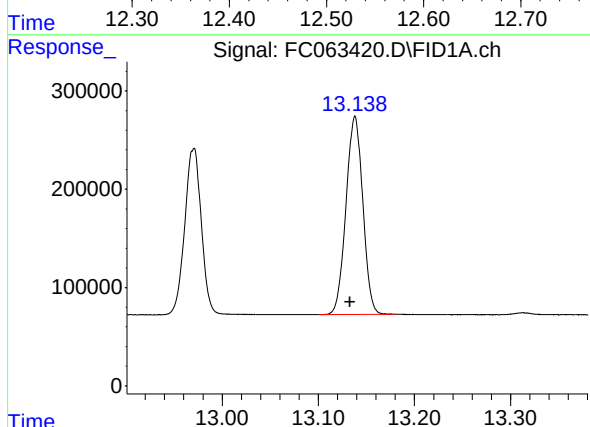
R.T.: 11.534 min
Delta R.T.: 0.006 min
Response: 2617190
Conc: 17.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



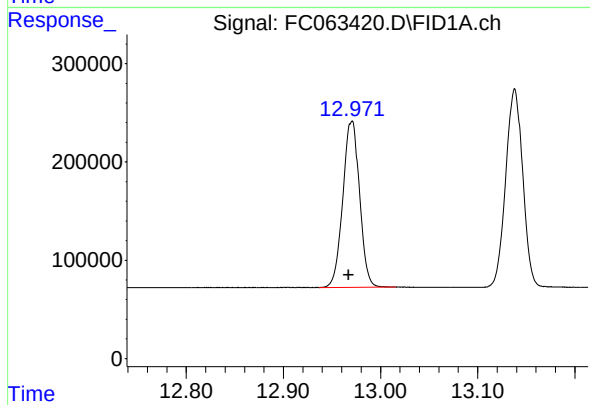
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 2476521
Conc: 18.43 ug/ml



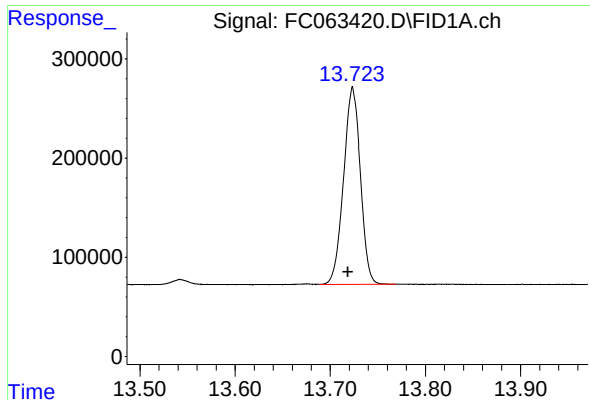
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.005 min
Response: 2461804
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

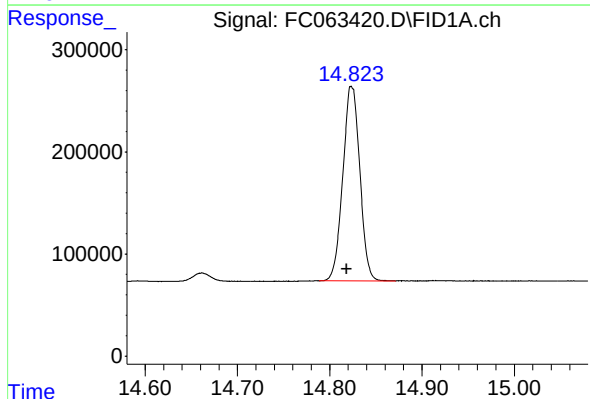
R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 2024219
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

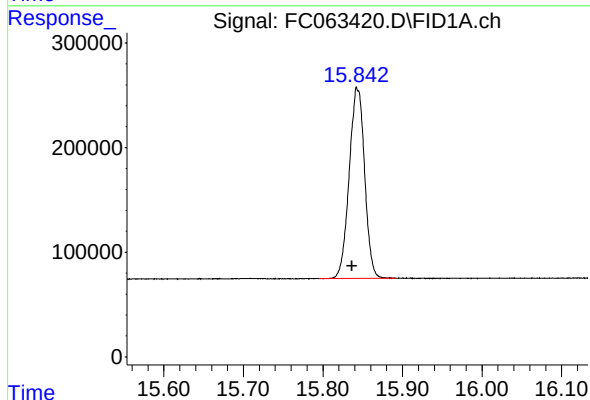
R.T.: 13.723 min
Delta R.T.: 0.005 min
Response: 2447116
Conc: 18.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



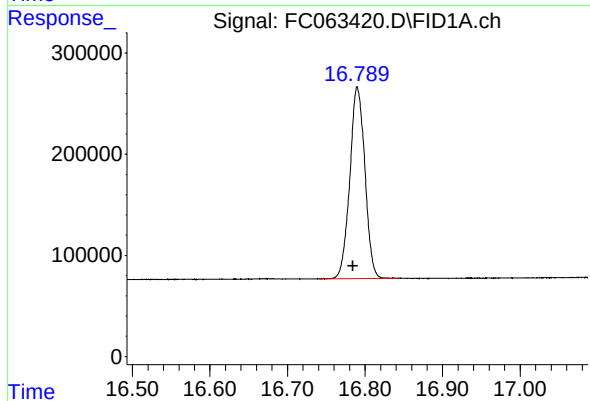
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.005 min
Response: 2440281
Conc: 18.15 ug/ml



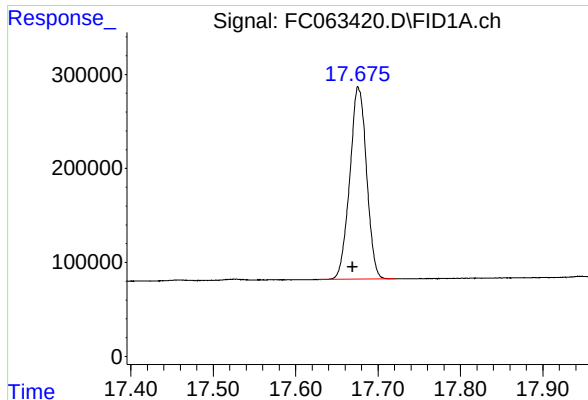
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.006 min
Response: 2453007
Conc: 18.33 ug/ml



#16 n-Octacosane (C28)

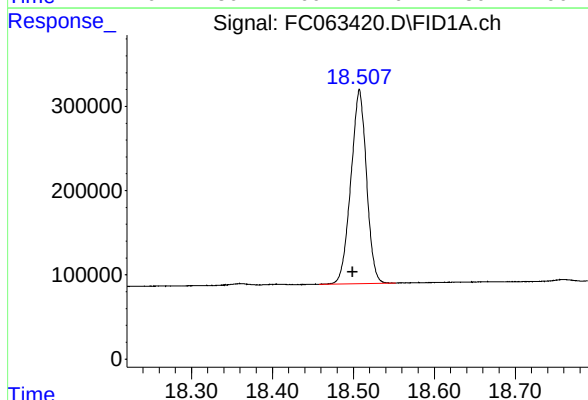
R.T.: 16.790 min
Delta R.T.: 0.006 min
Response: 2555282
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

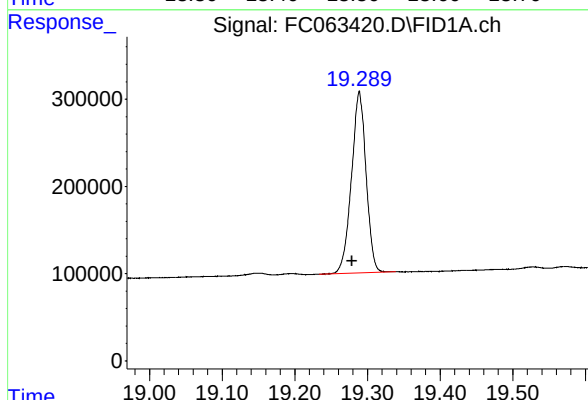
R.T.: 17.676 min
Delta R.T.: 0.007 min
Response: 2893068
Conc: 20.91 ug/ml

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20 PPM ALIPHATIC HC STD



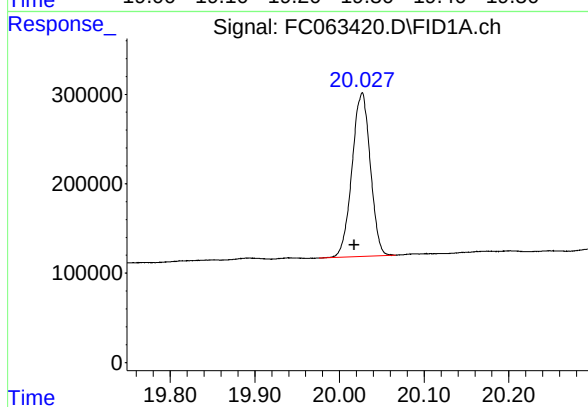
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.008 min
Response: 3083687
Conc: 21.84 ug/ml



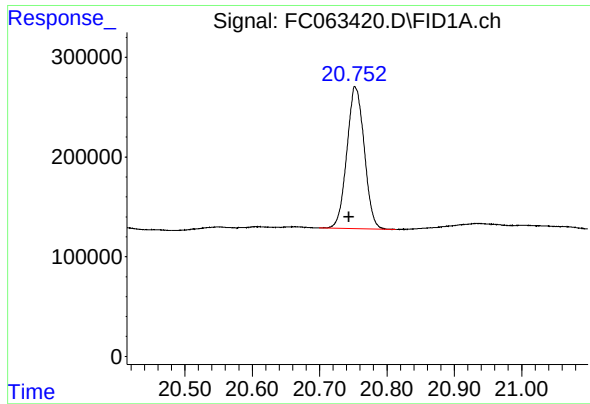
#19 n-Tetatriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.010 min
Response: 2905009
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

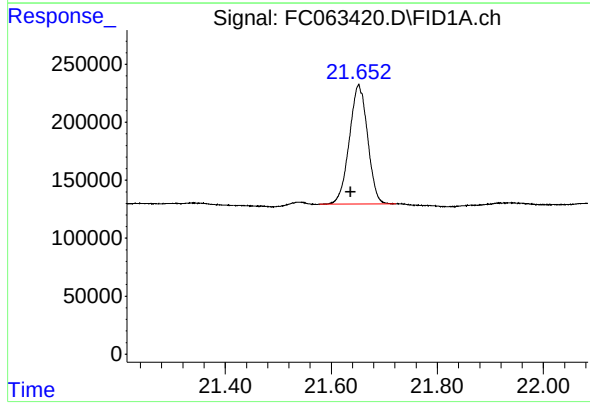
R.T.: 20.027 min
Delta R.T.: 0.010 min
Response: 2741733
Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: 0.009 min
Response: 2553572
Conc: 20.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.015 min
Response: 2463758
Conc: 20.94 ug/ml