

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041923AL\
 Data File : FC063417.D
 Signal(s) : FID1A.ch
 Acq On : 19 Apr 2023 23:00
 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: Apr 20 00:47:44 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	2882010	18.942 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
12) S 1-chlorooctadecane (S...	12.971	2188492	19.779 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T n-Nonane (C9)	3.296	2596739	18.496 ug/ml
2) T n-Decane (C10)	4.364	2593234	19.030 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2833703	18.766 ug/ml
4) T n-Dodecane (C12)	6.384	2568316	19.092 ug/ml
5) T A~2-methylnaphthalene...	7.007	2620347	18.813 ug/ml
6) T n-Tetradecane (C14)	8.179	2530703	18.694 ug/ml
7) T n-Hexadecane (C16)	9.780	2584886	19.035 ug/ml
8) T n-Octadecane (C18)	11.220	2615657	18.884 ug/ml
10) T n-Eicosane (C20)	12.527	2550763	18.986 ug/ml
11) T n-Heneicosane (C21)	13.138	2563278	19.045 ug/ml
13) T n-Docosane (C22)	13.723	2542237	19.064 ug/ml
14) T n-Tetracosane (C24)	14.826	2552635	18.985 ug/ml
15) T n-Hexacosane (C26)	15.844	2567185	19.179 ug/ml
16) T n-Octacosane (C28)	16.793	2720003	20.088 ug/ml
17) T n-Tricontane (C30)	17.678	3079147	22.259 ug/ml
18) T n-Dotriacontane (C32)	18.508	3298681	23.365 ug/ml
19) T n-Tetratriacontane (C34)	19.290	3145059	22.790 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2886503	22.583 ug/ml
21) T n-Octatriacontane (C38)	20.756	2807366	22.800 ug/ml
22) T n-Tetracontane (C40)	21.652	2710087	23.029 ug/ml

(f)=RT Delta > 1/2 Window

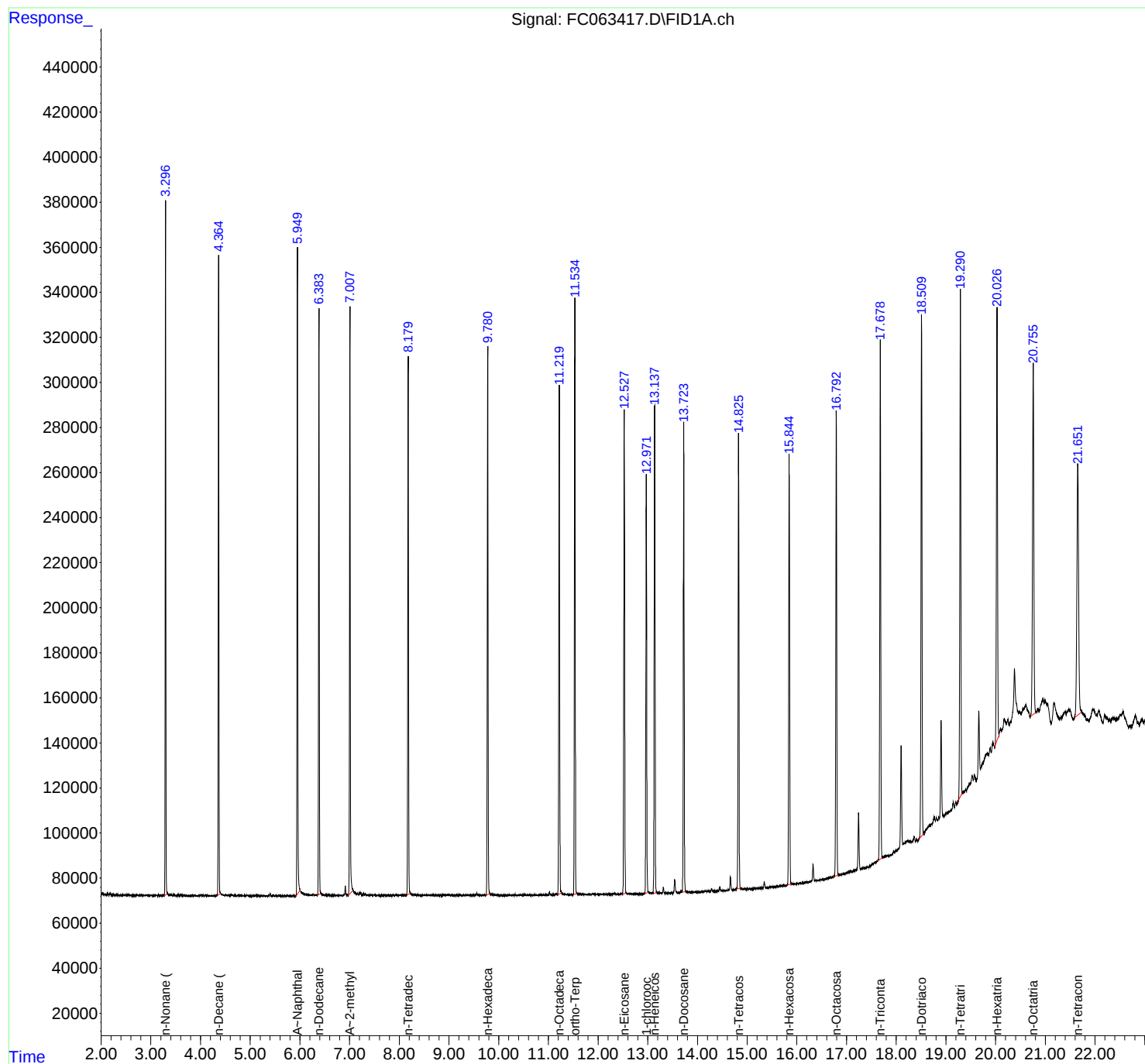
(m)=manual int.

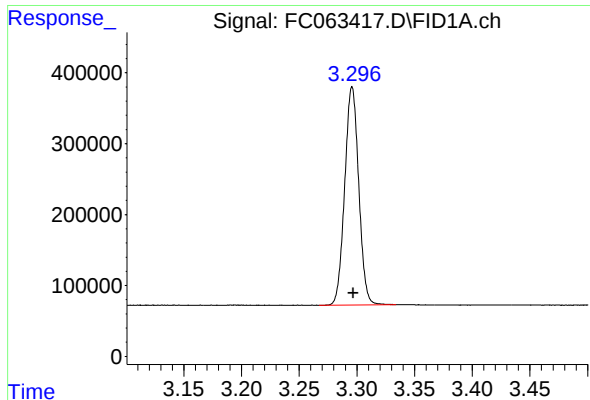
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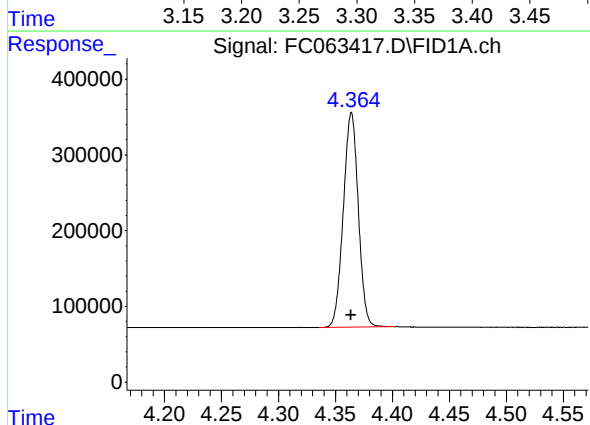




#1 n-Nonane (C9)

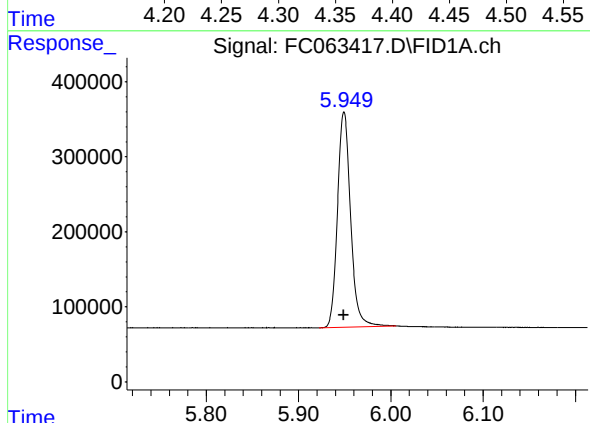
R.T.: 3.296 min
Delta R.T.: -0.001 min
Response: 2596739
Conc: 18.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



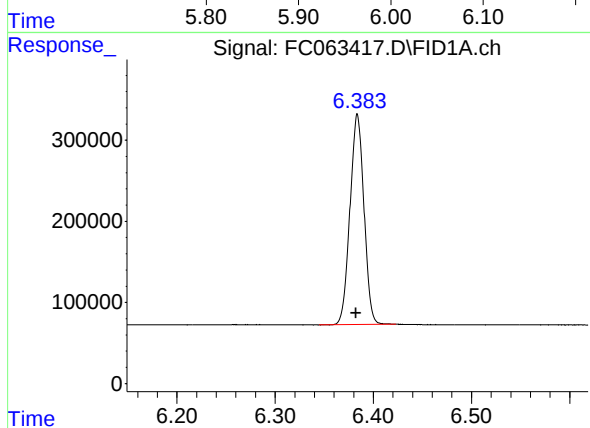
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2593234
Conc: 19.03 ug/ml



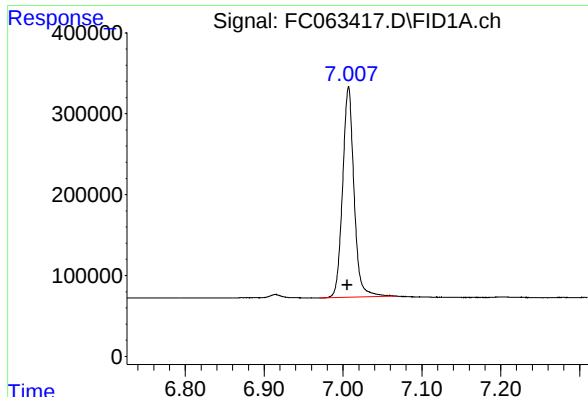
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2833703
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

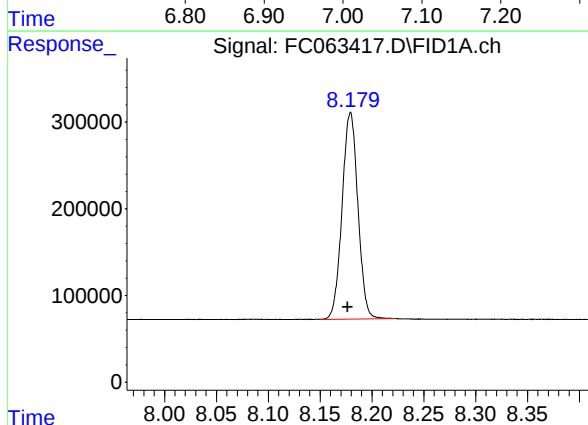
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 2568316
Conc: 19.09 ug/ml



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

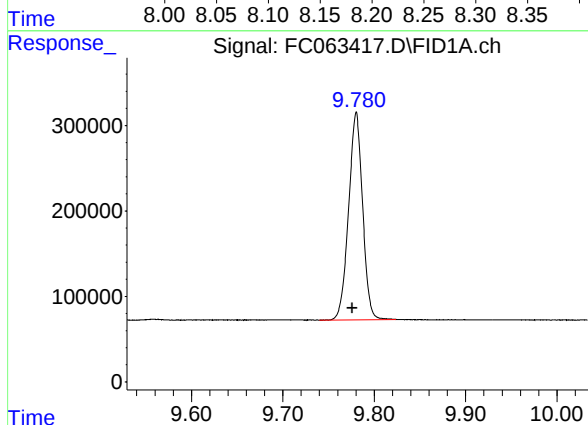
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 2620347
Conc: 18.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



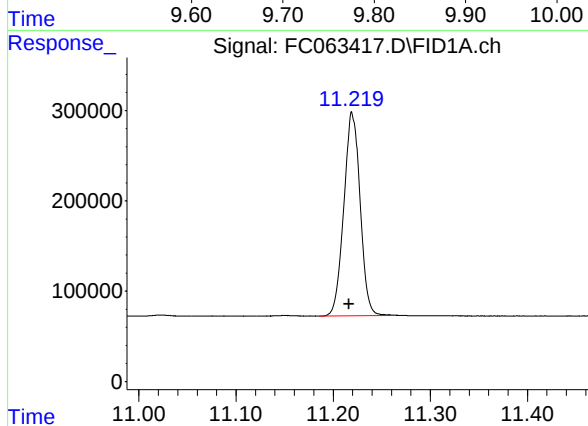
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 2530703
Conc: 18.69 ug/ml



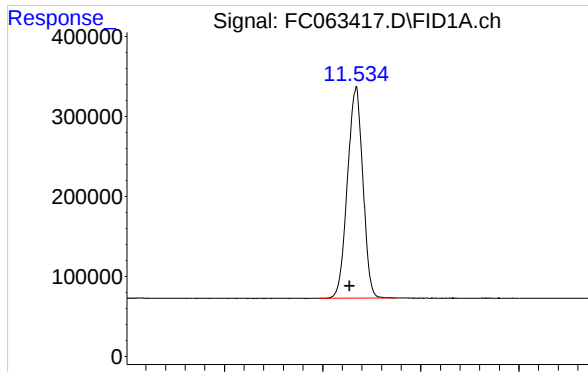
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.004 min
Response: 2584886
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

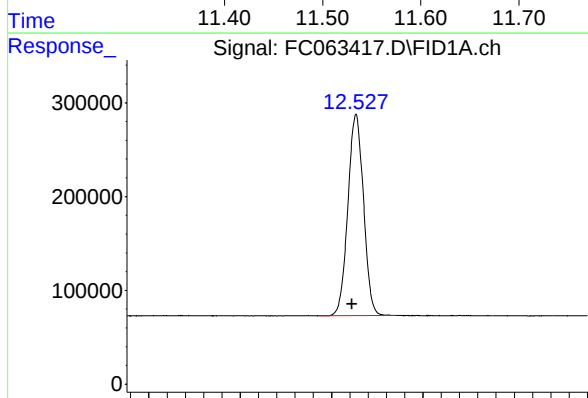
R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 2615657
Conc: 18.88 ug/ml



#9 ortho-Terphenyl (SURR)

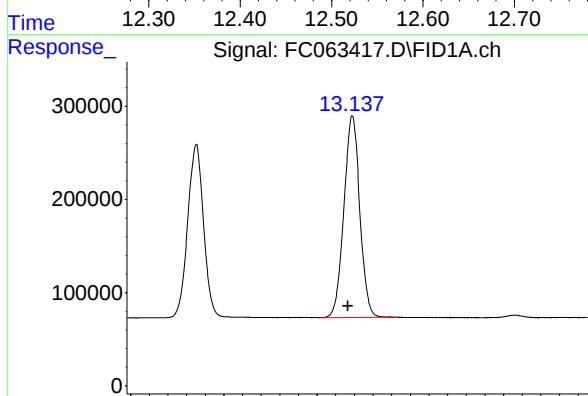
R.T.: 11.534 min
Delta R.T.: 0.006 min
Response: 2882010
Conc: 18.94 ug/ml

Instrument :
FID_C
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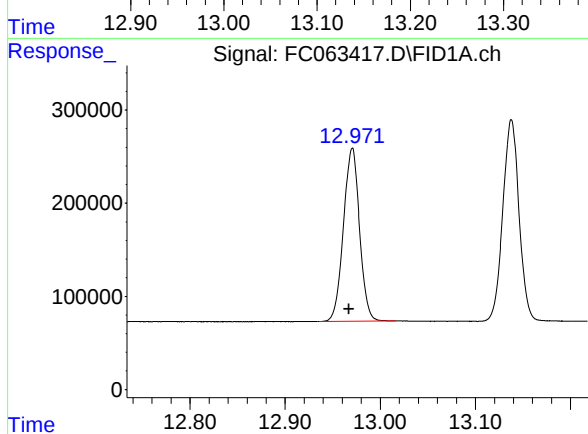
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.004 min
Response: 2550763
Conc: 18.99 ug/ml



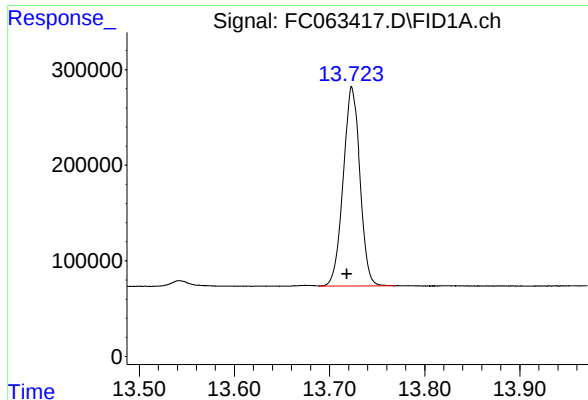
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.005 min
Response: 2563278
Conc: 19.05 ug/ml



#12 1-chlorooctadecane (SURR)

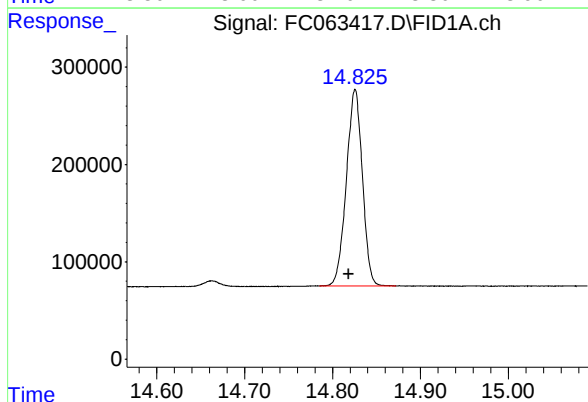
R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 2188492
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

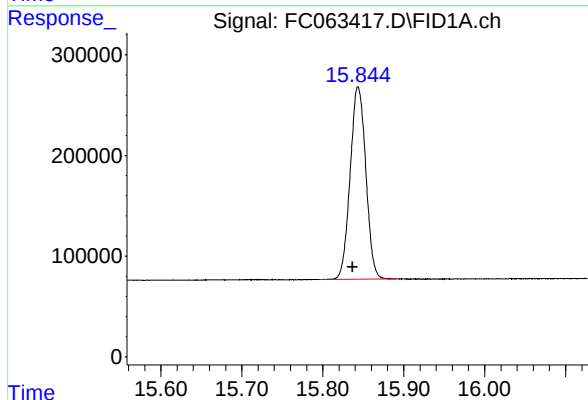
R.T.: 13.723 min
Delta R.T.: 0.005 min
Response: 2542237
Conc: 19.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



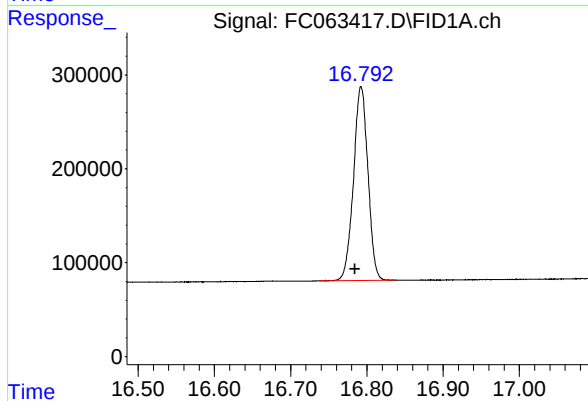
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.007 min
Response: 2552635
Conc: 18.99 ug/ml



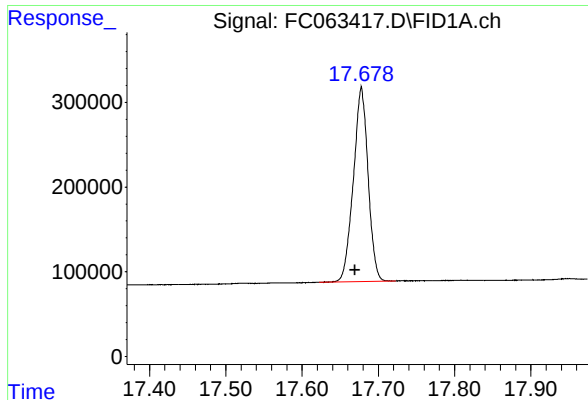
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.007 min
Response: 2567185
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

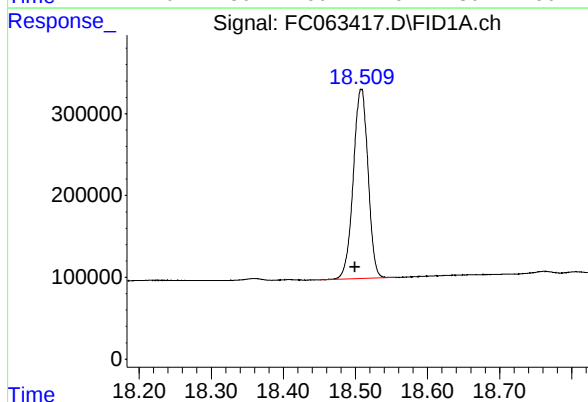
R.T.: 16.793 min
Delta R.T.: 0.008 min
Response: 2720003
Conc: 20.09 ug/ml



#17 n-Tricontane (C30)

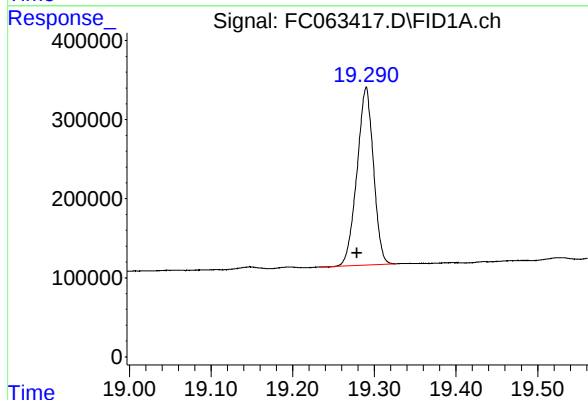
R.T.: 17.678 min
Delta R.T.: 0.009 min
Response: 3079147
Conc: 22.26 ug/ml

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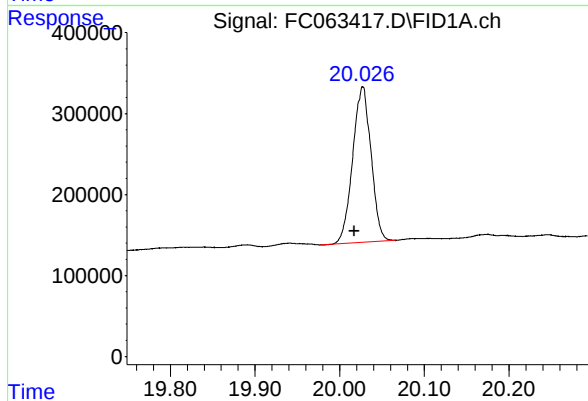
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.009 min
Response: 3298681
Conc: 23.37 ug/ml



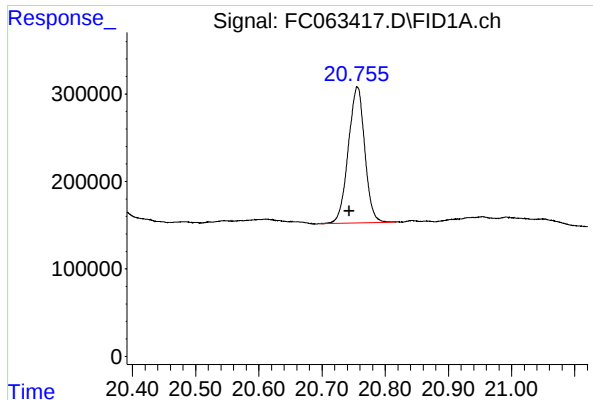
#19 n-Tetatriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.011 min
Response: 3145059
Conc: 22.79 ug/ml



#20 n-Hexatriacontane (C36)

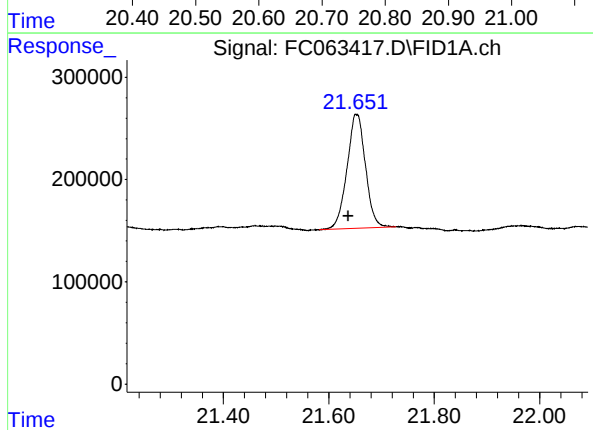
R.T.: 20.027 min
Delta R.T.: 0.010 min
Response: 2886503
Conc: 22.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: 0.013 min
Response: 2807366
Conc: 22.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.015 min
Response: 2710087
Conc: 23.03 ug/ml