

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082222AL\
 Data File : FG010416.D
 Signal(s) : FID1A.ch
 Acq On : 22 Aug 2022 22:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 23 02:22:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:19:50 2022
 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)	10.679	2867325	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.129	2319738	20.165 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	2.564	2348863	19.689 ug/ml
2) T n-Decane (C10)	3.561	2359684	19.671 ug/ml
3) T A~Naphthalene (C11.7)	5.104	2738924	19.765 ug/ml
4) T n-Dodecane (C12)	5.545	2435759	19.645 ug/ml
5) T A~2-methylnaphthalene...	6.152	2778461	19.768 ug/ml
6) T n-Tetradecane (C14)	7.336	2497566	19.564 ug/ml
7) T n-Hexadecane (C16)	8.937	2542972	19.664 ug/ml
8) T n-Octadecane (C18)	10.379	2598755	19.777 ug/ml
10) T n-Eicosane (C20)	11.689	2589077	20.004 ug/ml
11) T n-Heneicosane (C21)	12.300	2600837	20.150 ug/ml
13) T n-Docosane (C22)	12.887	2584791	20.317 ug/ml
14) T n-Tetracosane (C24)	13.990	2578628	20.547 ug/ml
15) T n-Hexacosane (C26)	15.012	2500782	20.714 ug/ml
16) T n-Octacosane (C28)	15.963	2426528	20.601 ug/ml
17) T n-Tricontane (C30)	16.850	2268943	20.371 ug/ml
18) T n-Dotriacontane (C32)	17.682	1825989	20.111 ug/ml
19) T n-Tetratriacontane (C34)	18.465	1335285	19.949 ug/ml
20) T n-Hexatriacontane (C36)	19.206	1029163	19.940 ug/ml
21) T n-Octatriacontane (C38)	19.915	889339	19.777 ug/ml
22) T n-Tetracontane (C40)	20.752	860138	20.310 ug/ml

(f)=RT Delta > 1/2 Window

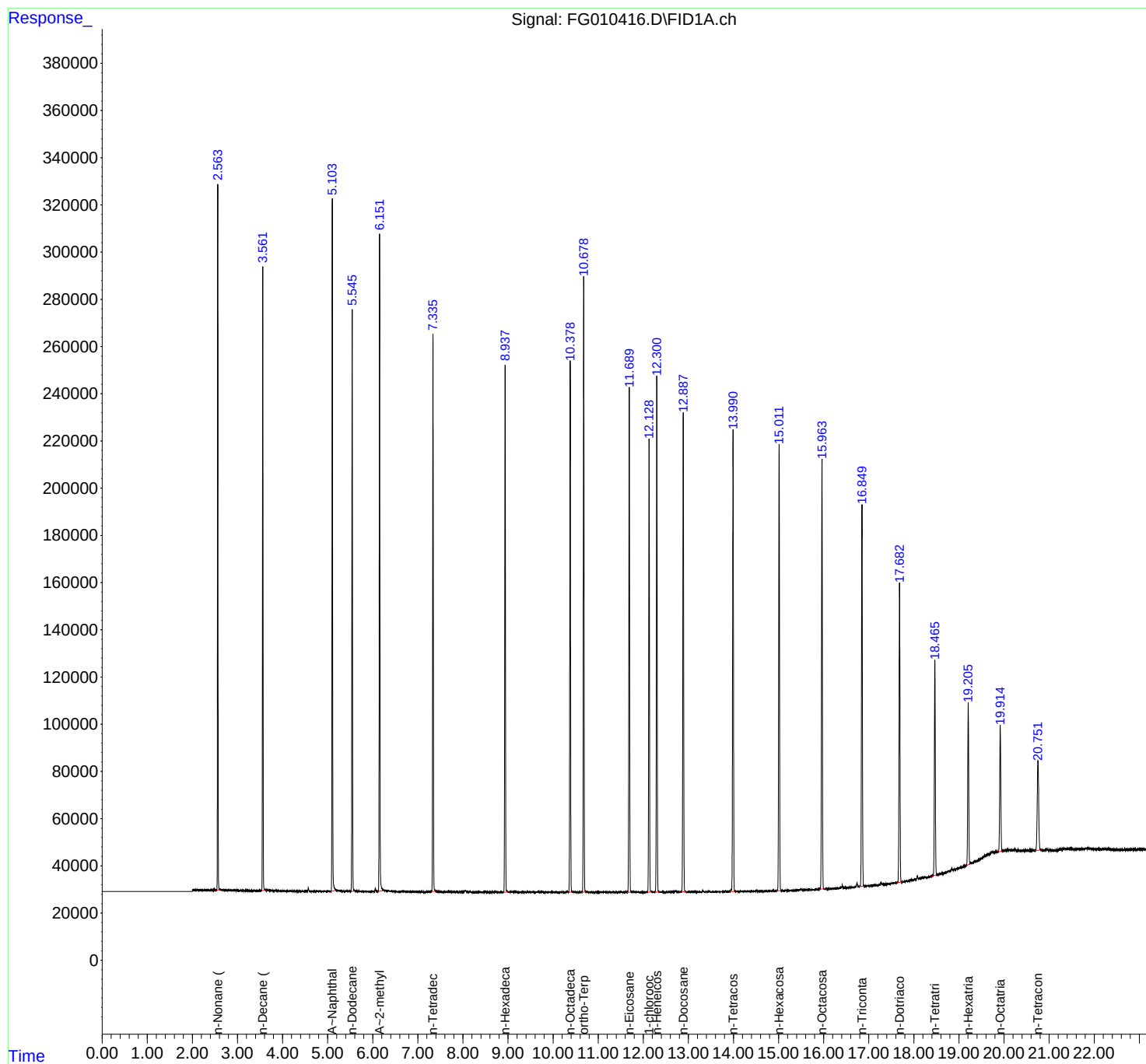
(m)=manual int.

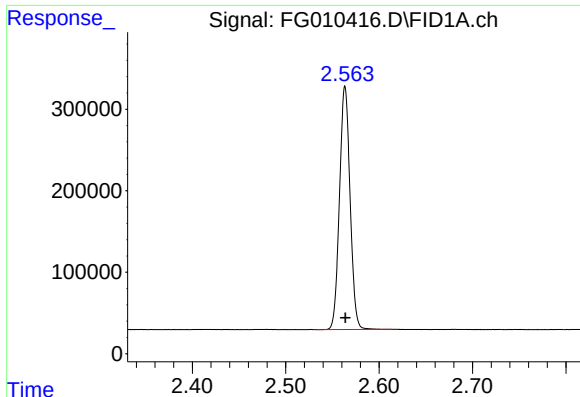
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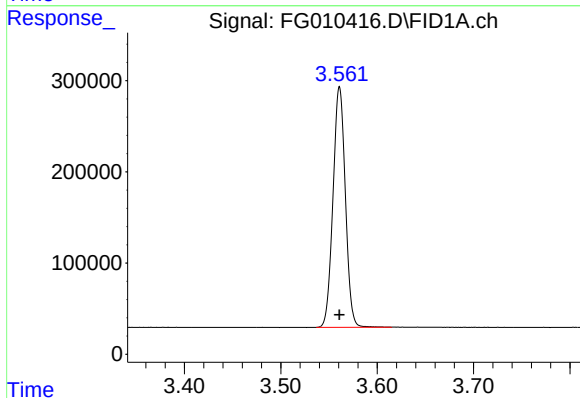




#1 n-Nonane (C9)

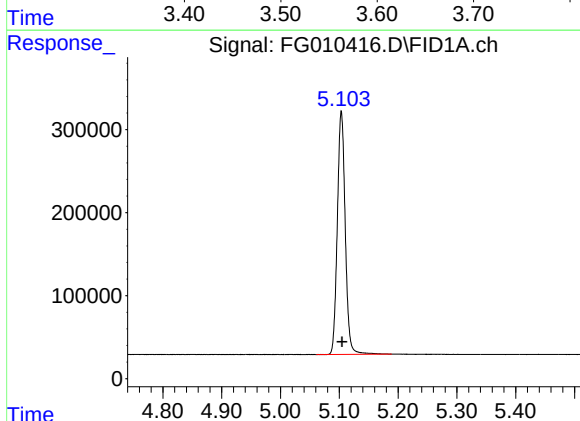
R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 2348863
Conc: 19.69 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



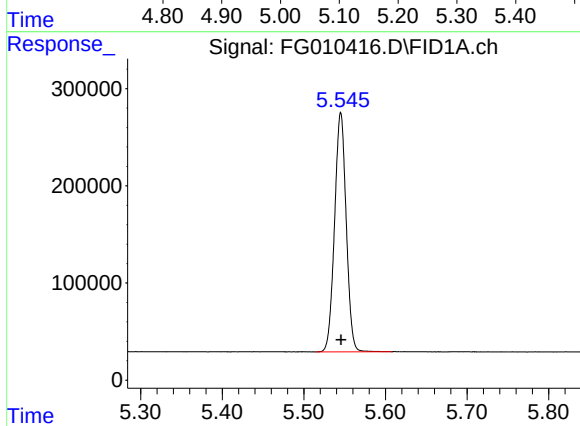
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 2359684
Conc: 19.67 ug/ml



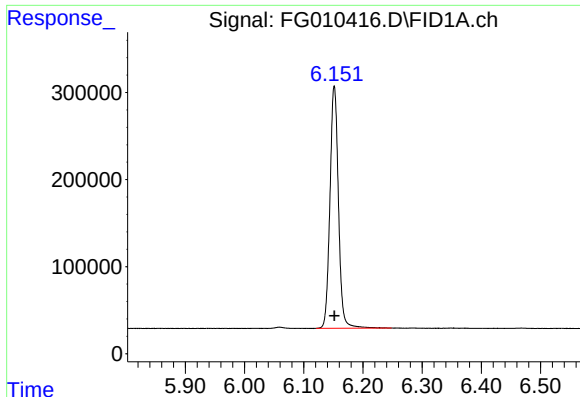
#3 A~Naphthalene (C11.7)

R.T.: 5.104 min
Delta R.T.: -0.001 min
Response: 2738924
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

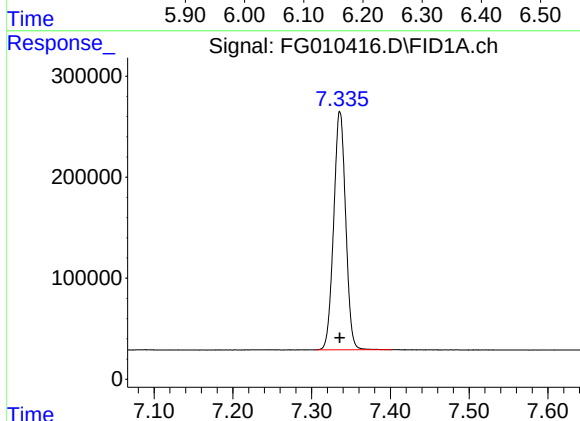
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 2435759
Conc: 19.65 ug/ml



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

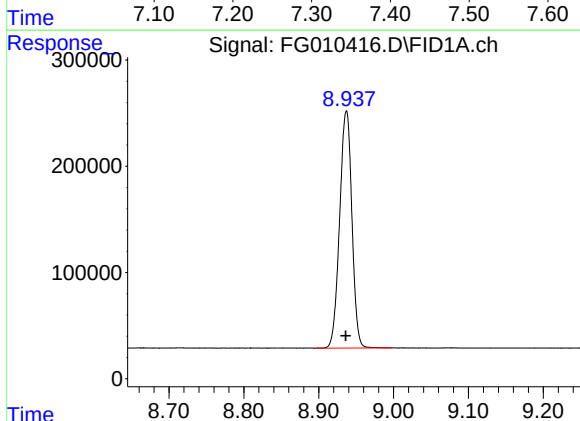
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 2778461
Conc: 19.77 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



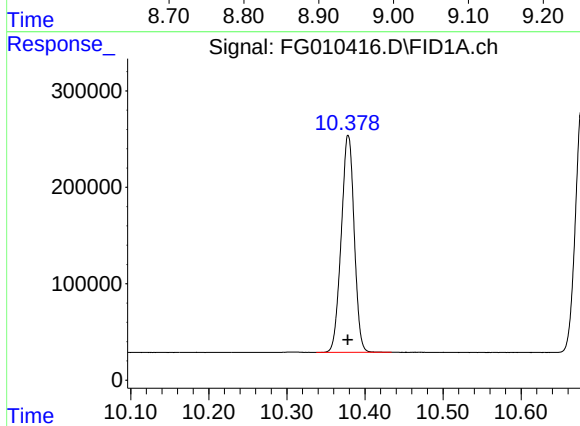
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 2497566
Conc: 19.56 ug/ml



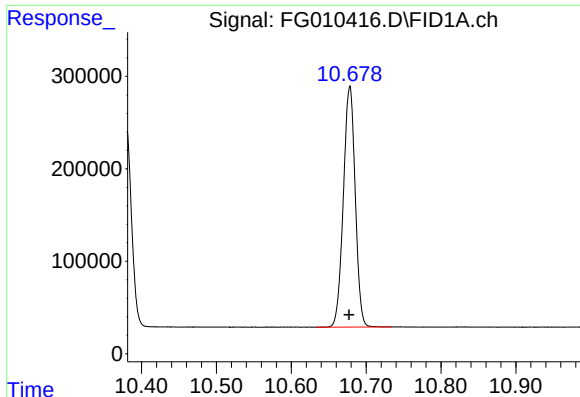
#7 n-Hexadecane (C16)

R.T.: 8.937 min
Delta R.T.: 0.001 min
Response: 2542972
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

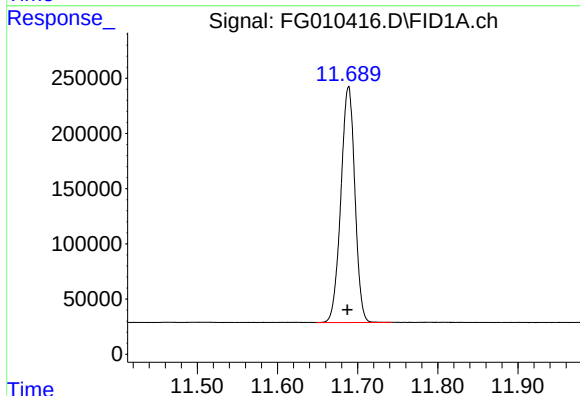
R.T.: 10.379 min
Delta R.T.: 0.000 min
Response: 2598755
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

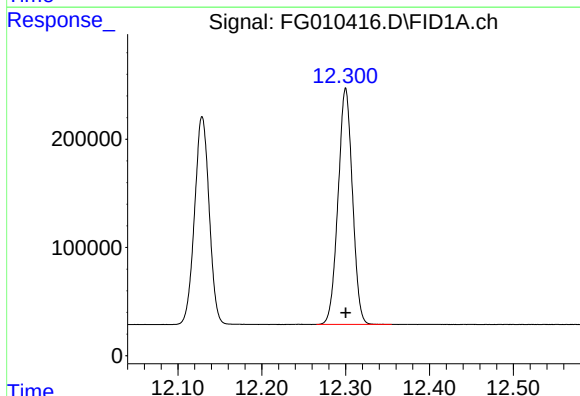
R.T.: 10.679 min
Delta R.T.: 0.001 min
Response: 2867325
Conc: 20.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



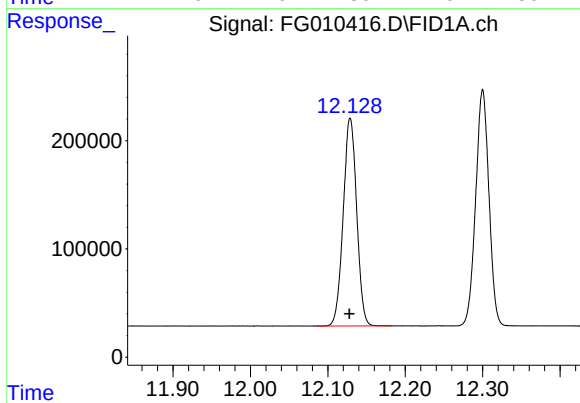
#10 n-Eicosane (C20)

R.T.: 11.689 min
Delta R.T.: 0.002 min
Response: 2589077
Conc: 20.00 ug/ml



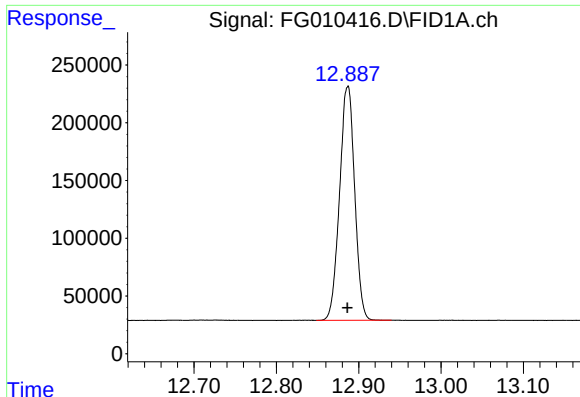
#11 n-Heneicosane (C21)

R.T.: 12.300 min
Delta R.T.: 0.000 min
Response: 2600837
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

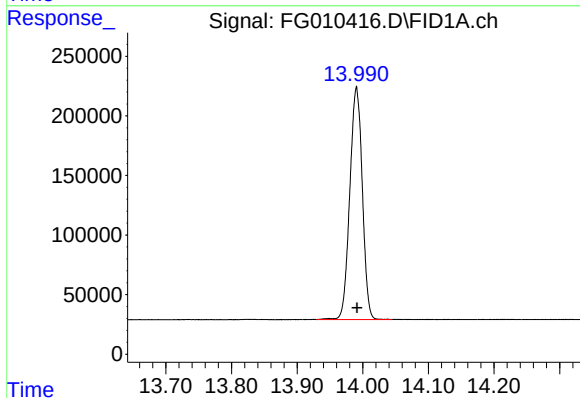
R.T.: 12.129 min
Delta R.T.: 0.000 min
Response: 2319738
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

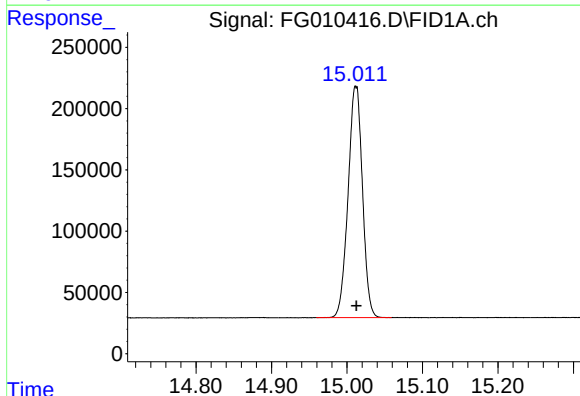
R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 2584791
Conc: 20.32 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



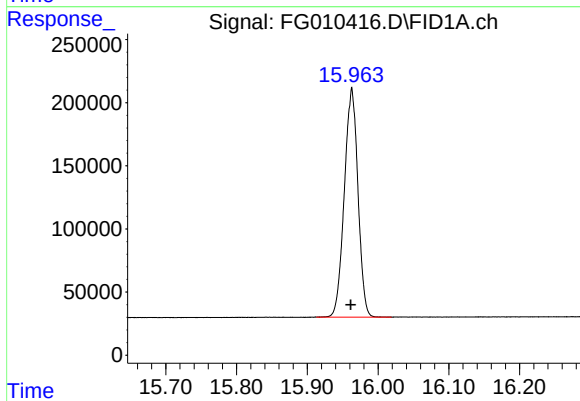
#14 n-Tetracosane (C24)

R.T.: 13.990 min
Delta R.T.: 0.000 min
Response: 2578628
Conc: 20.55 ug/ml



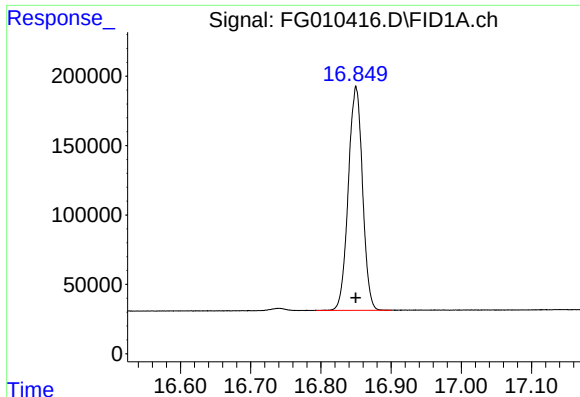
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: 0.000 min
Response: 2500782
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

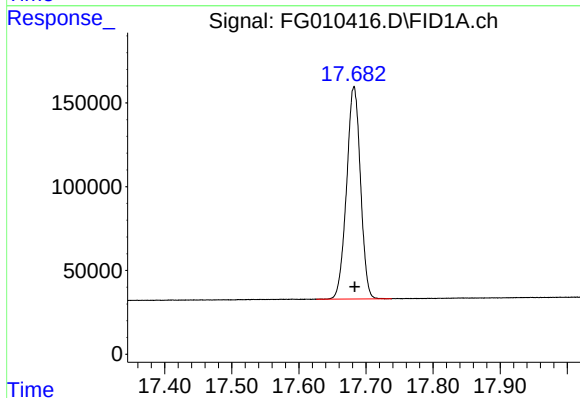
R.T.: 15.963 min
Delta R.T.: 0.001 min
Response: 2426528
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

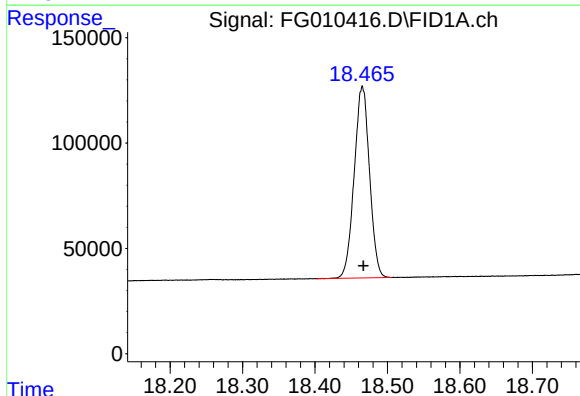
R.T.: 16.850 min
Delta R.T.: 0.000 min
Response: 2268943
Conc: 20.37 ug/ml

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20 PPM ALIPHATIC HC STD



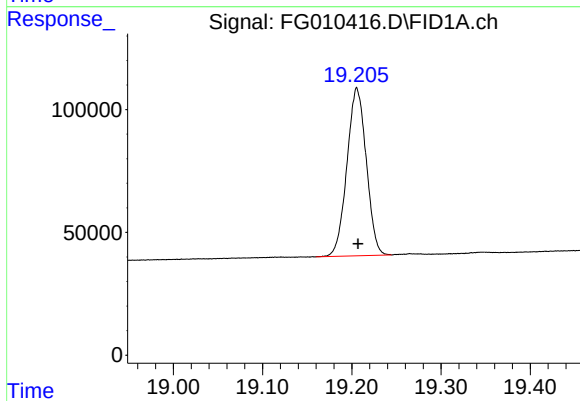
#18 n-Dotriacontane (C32)

R.T.: 17.682 min
Delta R.T.: -0.001 min
Response: 1825989
Conc: 20.11 ug/ml



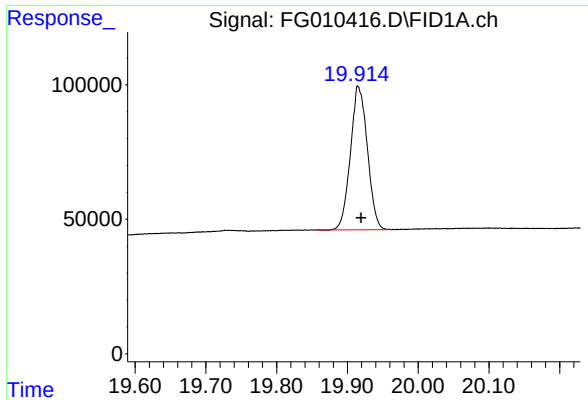
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: -0.001 min
Response: 1335285
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

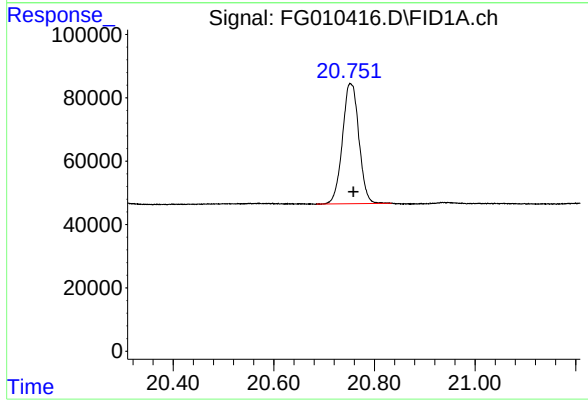
R.T.: 19.206 min
Delta R.T.: -0.001 min
Response: 1029163
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.915 min
Delta R.T.: -0.004 min
Response: 889339
Conc: 19.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.752 min
Delta R.T.: -0.006 min
Response: 860138
Conc: 20.31 ug/ml