

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071923AL\
 Data File : FG012487.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 02:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 20 04:51:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.881	3214479	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
12) S 1-chlorooctadecane (S...	12.320	2394752	20.662 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T n-Nonane (C9)	2.733	2500529	20.102 ug/ml
2) T n-Decane (C10)	3.740	2554946	20.095 ug/ml
3) T A~Naphthalene (C11.7)	5.304	2824041	20.403 ug/ml
4) T n-Dodecane (C12)	5.729	2578177	20.040 ug/ml
5) T A~2-methylnaphthalene...	6.354	2679318	20.520 ug/ml
6) T n-Tetradecane (C14)	7.522	2571792	20.138 ug/ml
7) T n-Hexadecane (C16)	9.123	2723805	20.429 ug/ml
8) T n-Octadecane (C18)	10.565	2843264	20.474 ug/ml
10) T n-Eicosane (C20)	11.875	2783467	20.588 ug/ml
11) T n-Heneicosane (C21)	12.487	2729765	20.576 ug/ml
13) T n-Docosane (C22)	13.073	2738892	20.775 ug/ml
14) T n-Tetracosane (C24)	14.177	2888819	20.568 ug/ml
15) T n-Hexacosane (C26)	15.200	2671750	21.165 ug/ml
16) T n-Octacosane (C28)	16.151	2638512	20.989 ug/ml
17) T n-Tricontane (C30)	17.039	2721875	20.598 ug/ml
18) T n-Dotriacontane (C32)	17.872	2716542	20.416 ug/ml
19) T n-Tetratriacontane (C34)	18.657	2612097	20.387 ug/ml
20) T n-Hexatriacontane (C36)	19.397	2458602	19.896 ug/ml
21) T n-Octatriacontane (C38)	20.129	2378215	19.912 ug/ml
22) T n-Tetracontane (C40)	21.035	2381581	20.553 ug/ml

(f)=RT Delta > 1/2 Window

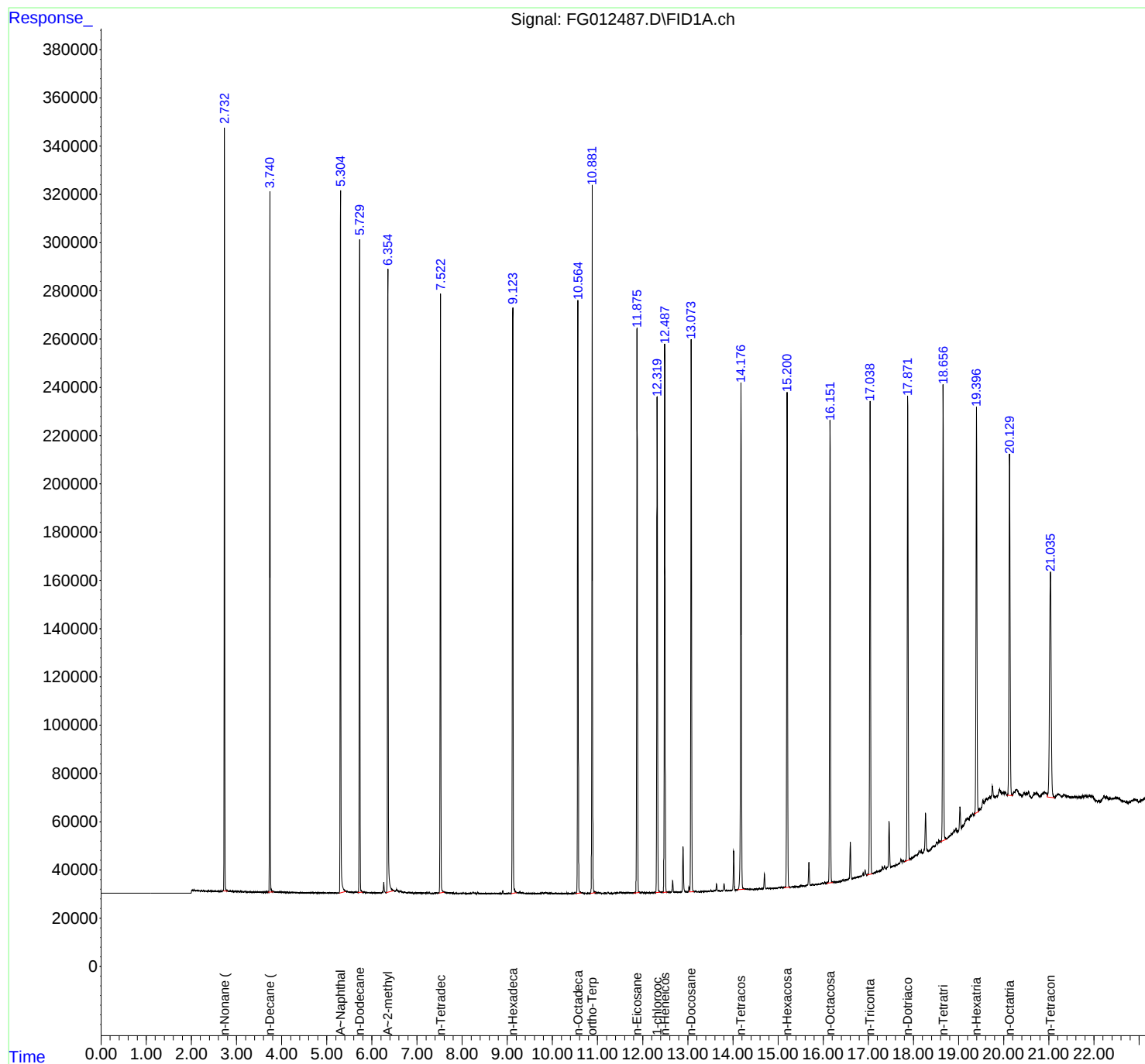
(m)=manual int.

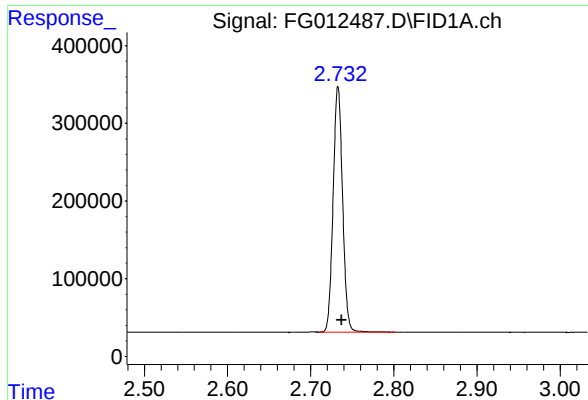
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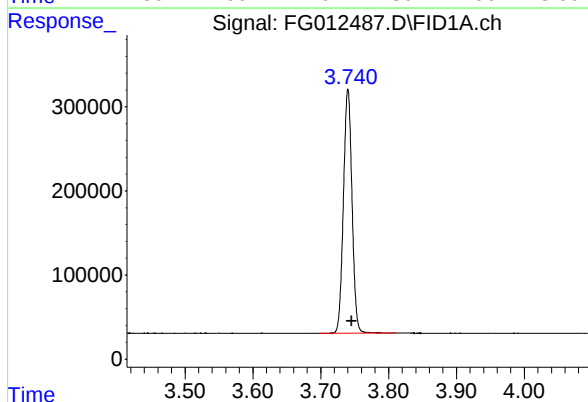




#1 n-Nonane (C9)

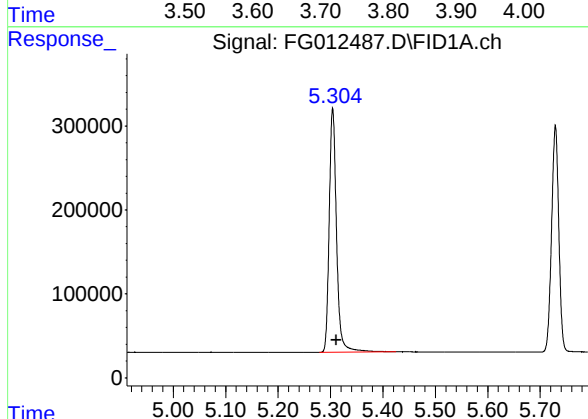
R.T.: 2.733 min
Delta R.T.: -0.004 min
Response: 2500529
Conc: 20.10 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



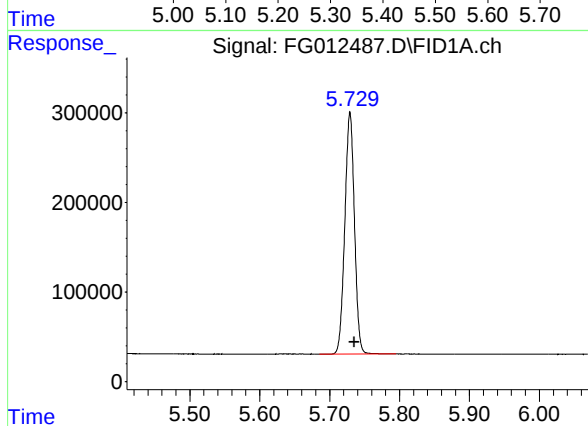
#2 n-Decane (C10)

R.T.: 3.740 min
Delta R.T.: -0.005 min
Response: 2554946
Conc: 20.10 ug/ml



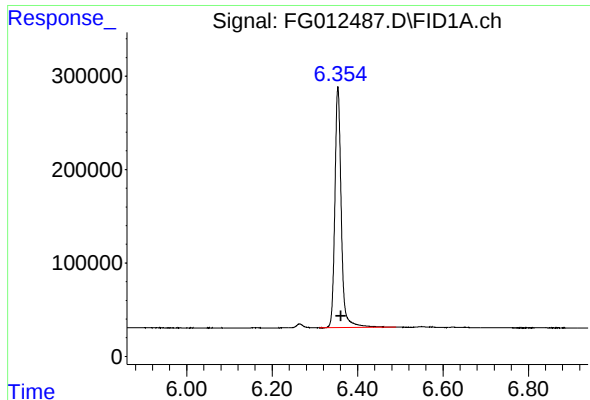
#3 A~Naphthalene (C11.7)

R.T.: 5.304 min
Delta R.T.: -0.007 min
Response: 2824041
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

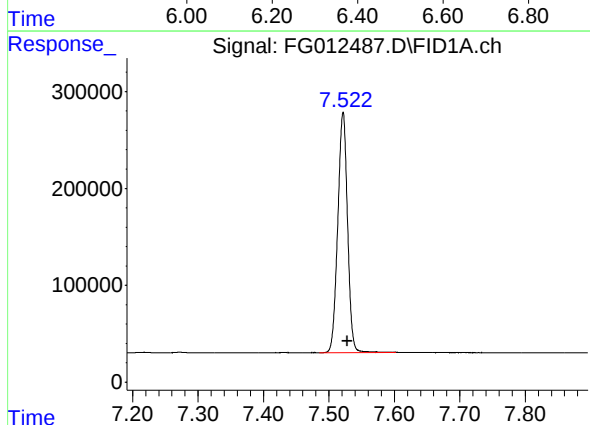
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 2578177
Conc: 20.04 ug/ml



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

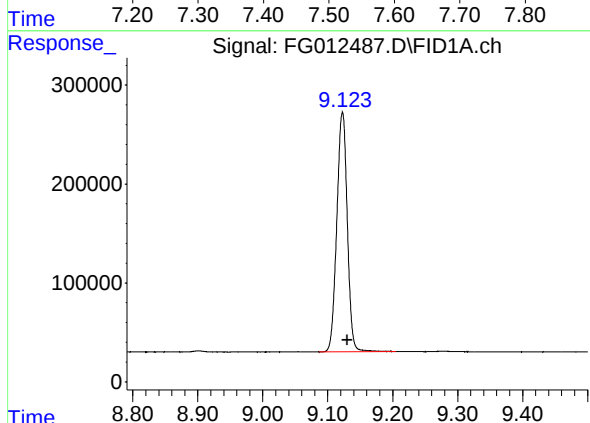
R.T.: 6.354 min
Delta R.T.: -0.007 min
Response: 2679318
Conc: 20.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



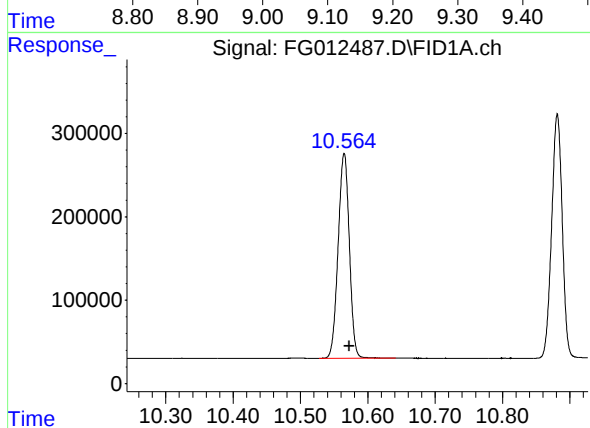
#6 n-Tetradecane (C14)

R.T.: 7.522 min
Delta R.T.: -0.006 min
Response: 2571792
Conc: 20.14 ug/ml



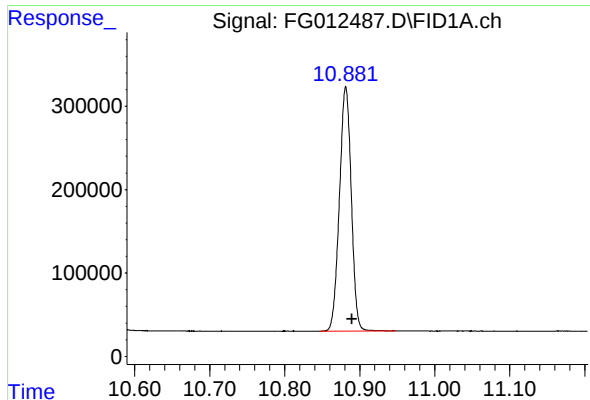
#7 n-Hexadecane (C16)

R.T.: 9.123 min
Delta R.T.: -0.007 min
Response: 2723805
Conc: 20.43 ug/ml



#8 n-Octadecane (C18)

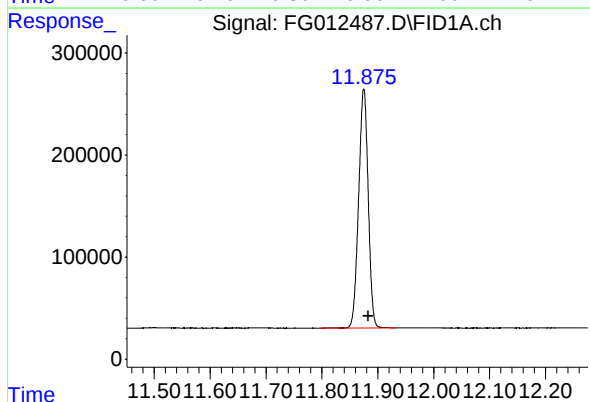
R.T.: 10.565 min
Delta R.T.: -0.008 min
Response: 2843264
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

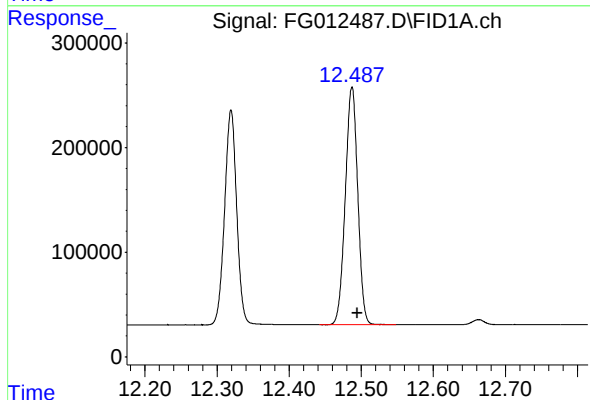
R.T.: 10.881 min
Delta R.T.: -0.008 min
Response: 3214479
Conc: 20.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



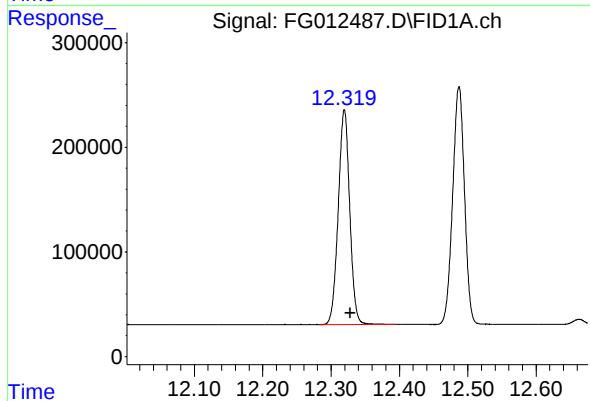
#10 n-Eicosane (C20)

R.T.: 11.875 min
Delta R.T.: -0.008 min
Response: 2783467
Conc: 20.59 ug/ml



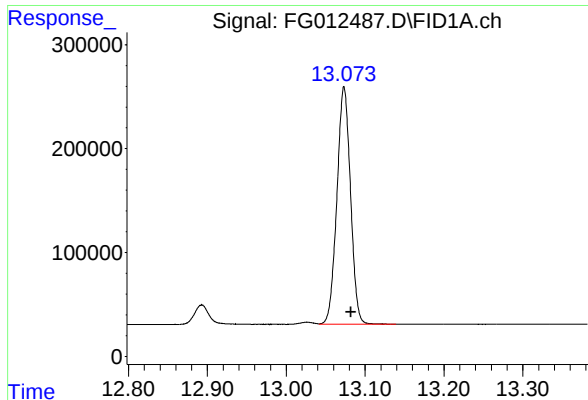
#11 n-Heneicosane (C21)

R.T.: 12.487 min
Delta R.T.: -0.008 min
Response: 2729765
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

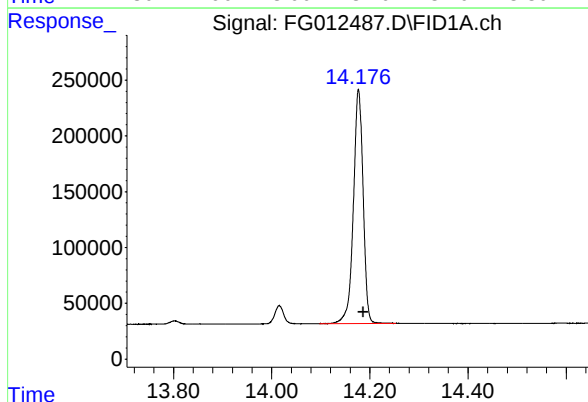
R.T.: 12.320 min
Delta R.T.: -0.009 min
Response: 2394752
Conc: 20.66 ug/ml



#13 n-Docosane (C22)

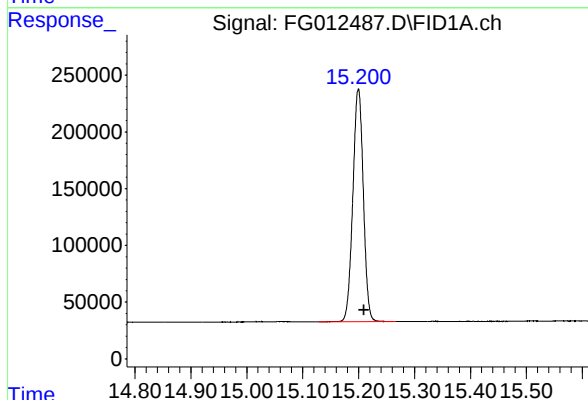
R.T.: 13.073 min
Delta R.T.: -0.009 min
Response: 2738892
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



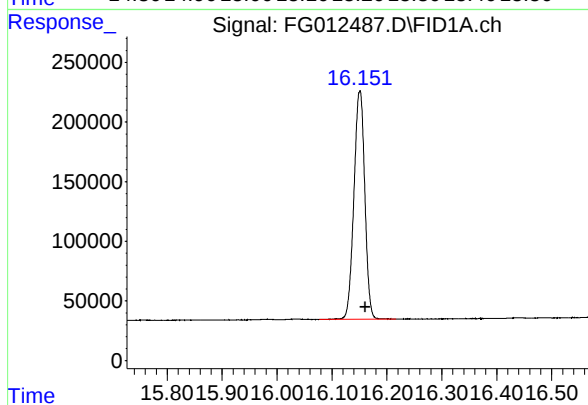
#14 n-Tetracosane (C24)

R.T.: 14.177 min
Delta R.T.: -0.010 min
Response: 2888819
Conc: 20.57 ug/ml



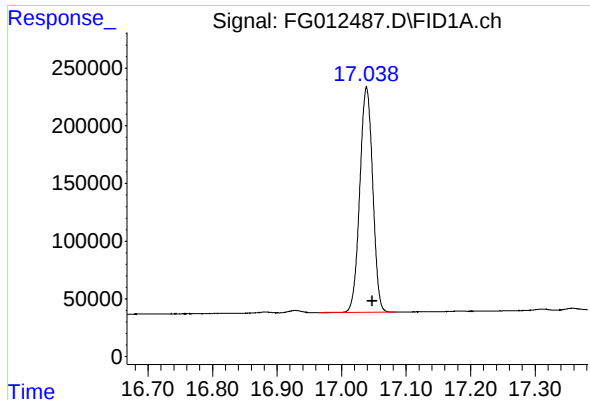
#15 n-Hexacosane (C26)

R.T.: 15.200 min
Delta R.T.: -0.010 min
Response: 2671750
Conc: 21.17 ug/ml



#16 n-Octacosane (C28)

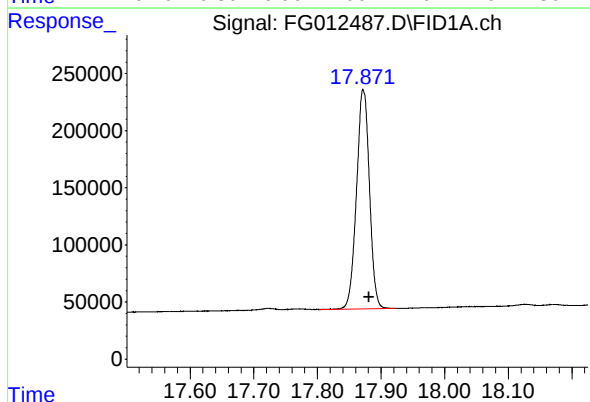
R.T.: 16.151 min
Delta R.T.: -0.009 min
Response: 2638512
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

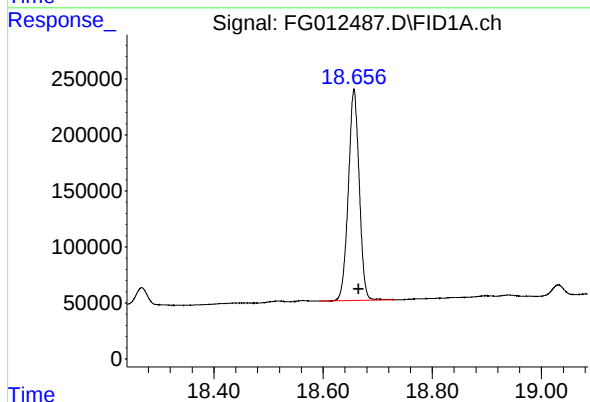
R.T.: 17.039 min
Delta R.T.: -0.009 min
Response: 2721875
Conc: 20.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



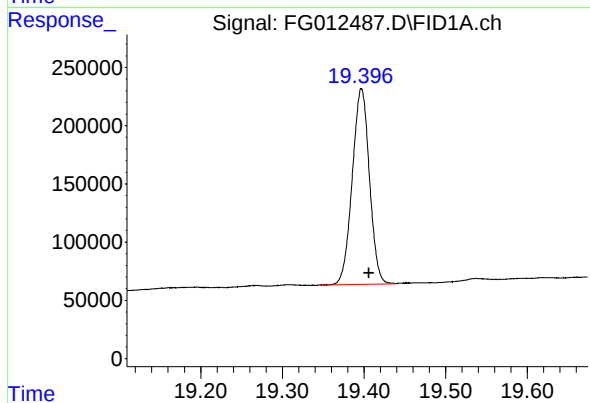
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.009 min
Response: 2716542
Conc: 20.42 ug/ml



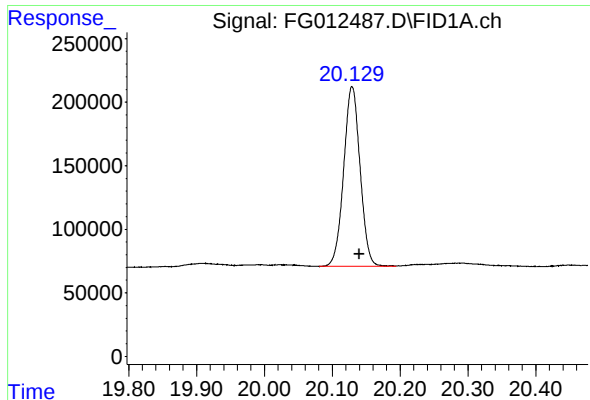
#19 n-Tetratriacontane (C34)

R.T.: 18.657 min
Delta R.T.: -0.009 min
Response: 2612097
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

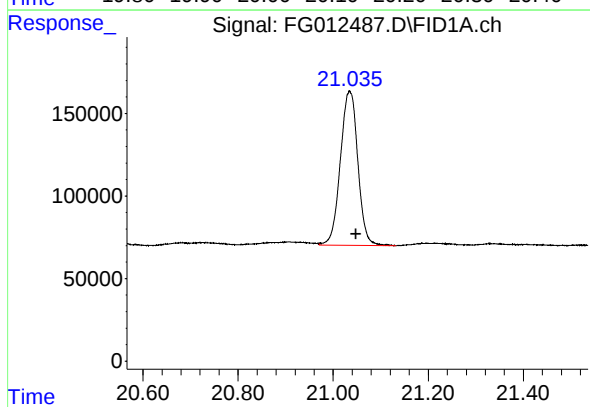
R.T.: 19.397 min
Delta R.T.: -0.009 min
Response: 2458602
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min
Delta R.T.: -0.011 min
Response: 2378215
Conc: 19.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: -0.013 min
Response: 2381581
Conc: 20.55 ug/ml