

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081522AL\
 Data File : FC061132.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 00:45
 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: Aug 16 06:53:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.631	2752918	16.775 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
12) S 1-chlorooctadecane (S...	11.994	2229649	16.795 ug/ml
Spiked Amount 50.000		Recovery =	33.59%
Target Compounds			
1) T n-Nonane (C9)	2.635	2521899	17.906 ug/ml
2) T n-Decane (C10)	3.628	2583229	18.312 ug/ml
3) T A~Naphthalene (C11.7)	5.177	2663185	18.736 ug/ml
4) T n-Dodecane (C12)	5.571	2705488	18.254 ug/ml
5) T A~2-methylnaphthalene...	6.201	2593544	18.910 ug/ml
6) T n-Tetradecane (C14)	7.317	2701189	17.992 ug/ml
7) T n-Hexadecane (C16)	8.876	2726434	17.816 ug/ml
8) T n-Octadecane (C18)	10.281	2736028	17.521 ug/ml
10) T n-Eicosane (C20)	11.556	2702546	17.221 ug/ml
11) T n-Heneicosane (C21)	12.154	2661994	17.013 ug/ml
13) T n-Docosane (C22)	12.725	2627318	16.851 ug/ml
14) T n-Tetracosane (C24)	13.802	2525109	16.540 ug/ml
15) T n-Hexacosane (C26)	14.797	2415729	16.183 ug/ml
16) T n-Octacosane (C28)	15.723	2338039	16.316 ug/ml
17) T n-Tricontane (C30)	16.588	2409357	17.209 ug/ml
18) T n-Dotriacontane (C32)	17.399	2459467	18.223 ug/ml
19) T n-Tetratriacontane (C34)	18.162	2395611	19.101 ug/ml
20) T n-Hexatriacontane (C36)	18.883	2426364	19.850 ug/ml
21) T n-Octatriacontane (C38)	19.565	2347547	19.890 ug/ml
22) T n-Tetracontane (C40)	20.211	2301777	19.999 ug/ml

(f)=RT Delta > 1/2 Window

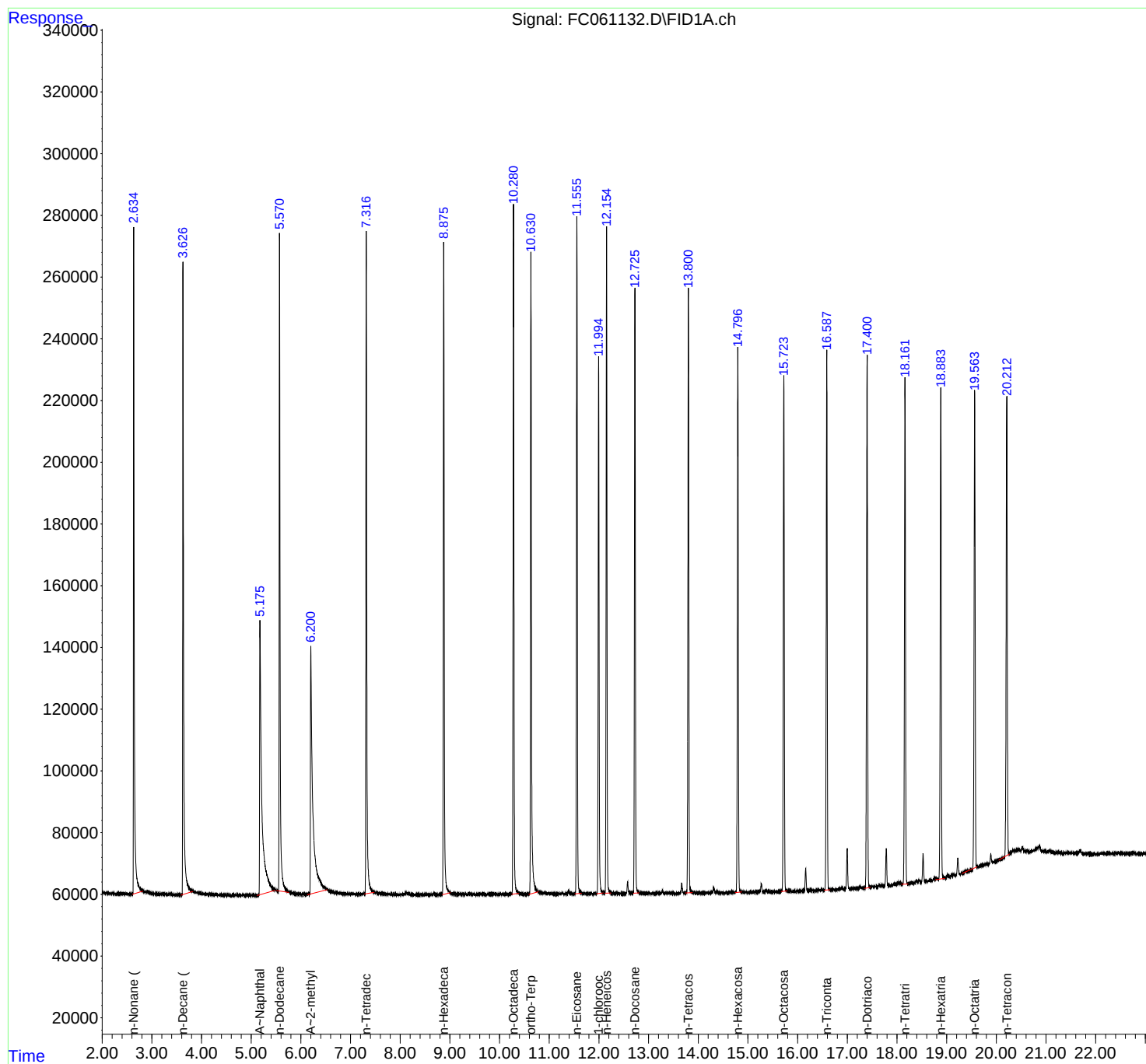
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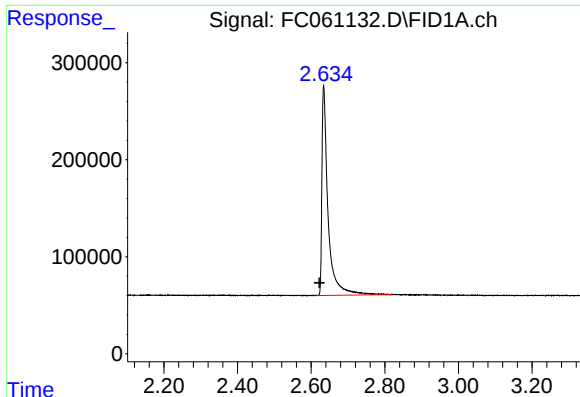
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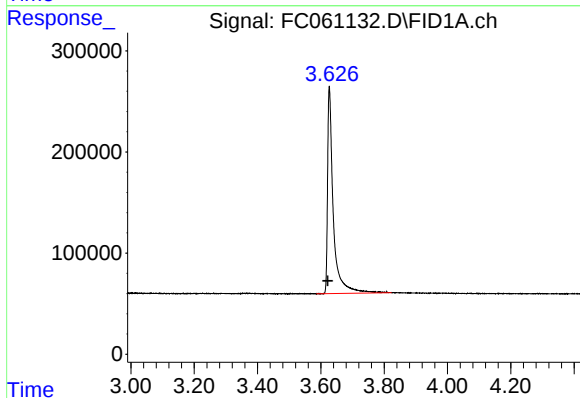




#1 n-Nonane (C9)

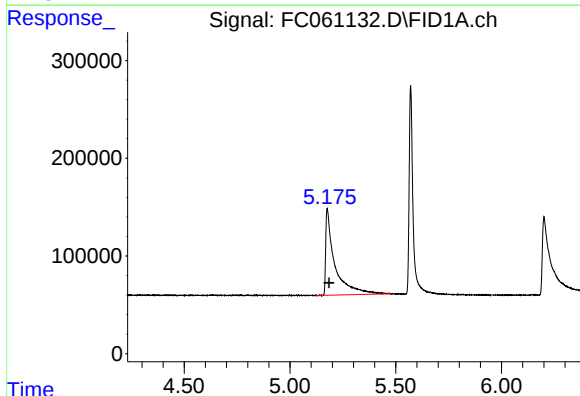
R.T.: 2.635 min
Delta R.T.: 0.013 min
Response: 2521899
Conc: 17.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



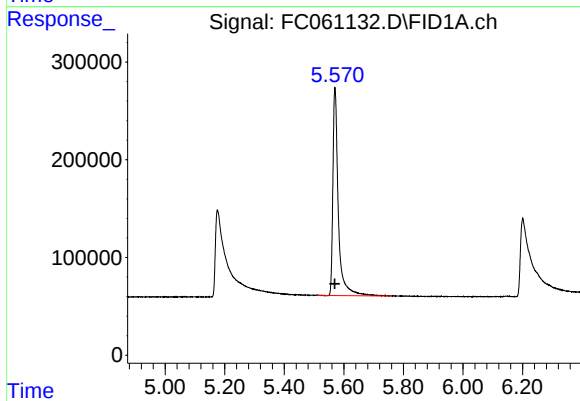
#2 n-Decane (C10)

R.T.: 3.628 min
Delta R.T.: 0.006 min
Response: 2583229
Conc: 18.31 ug/ml



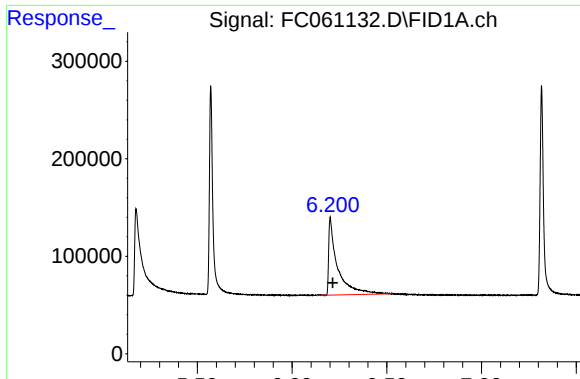
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min
Delta R.T.: -0.008 min
Response: 2663185
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

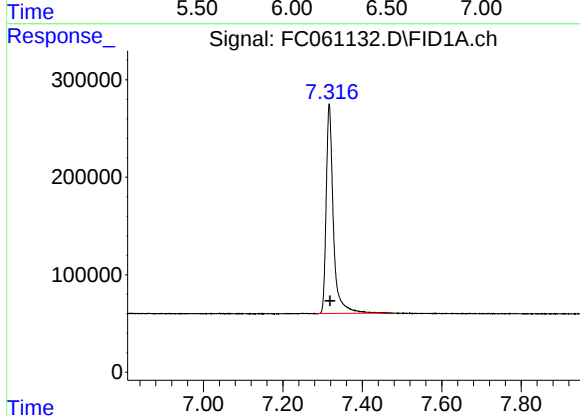
R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 2705488
Conc: 18.25 ug/ml



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

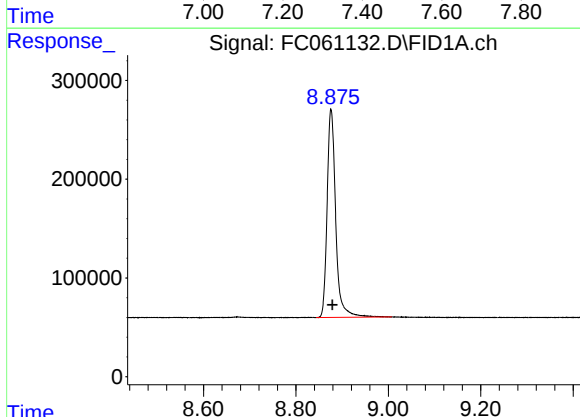
R.T.: 6.201 min
Delta R.T.: -0.013 min
Response: 2593544
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



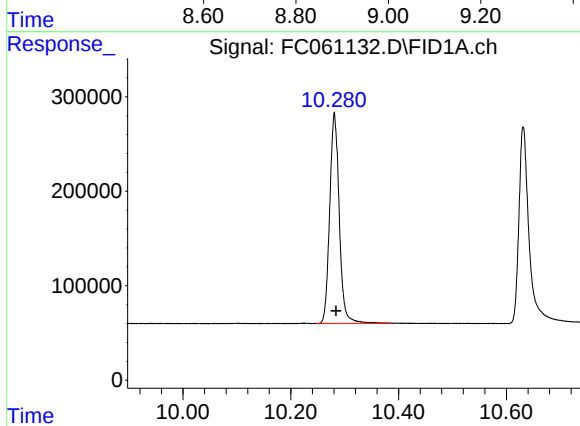
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.002 min
Response: 2701189
Conc: 17.99 ug/ml



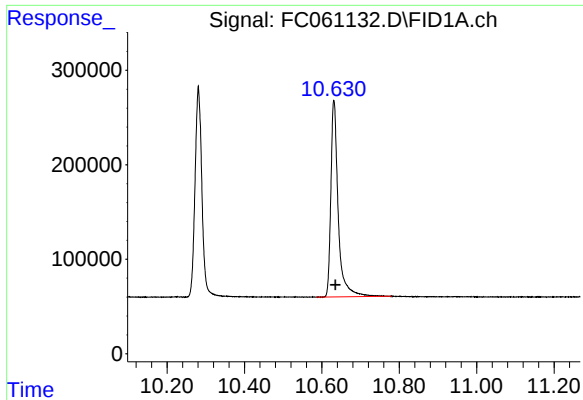
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 2726434
Conc: 17.82 ug/ml



#8 n-Octadecane (C18)

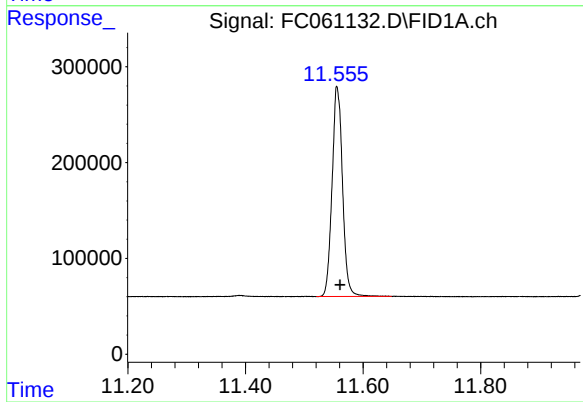
R.T.: 10.281 min
Delta R.T.: -0.003 min
Response: 2736028
Conc: 17.52 ug/ml



#9 ortho-Terphenyl (SURR)

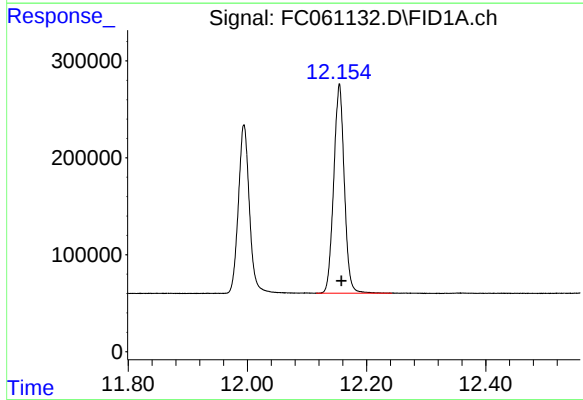
R.T.: 10.631 min
Delta R.T.: -0.003 min
Response: 2752918
Conc: 16.77 ug/ml

Instrument :
FID_C
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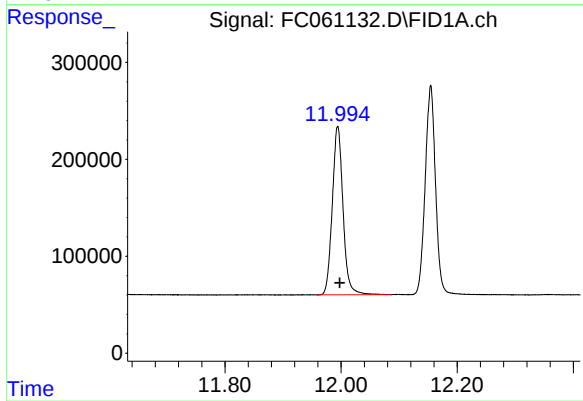
#10 n-Eicosane (C20)

R.T.: 11.556 min
Delta R.T.: -0.005 min
Response: 2702546
Conc: 17.22 ug/ml



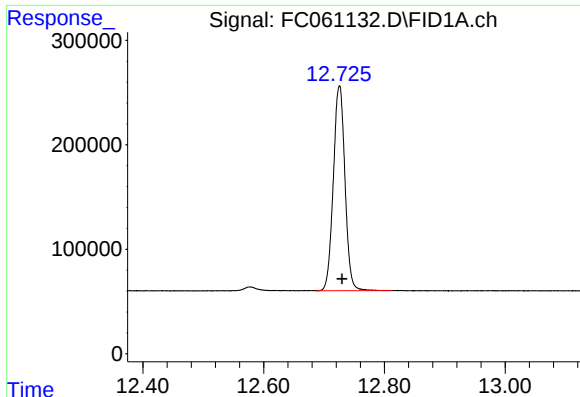
#11 n-Heneicosane (C21)

R.T.: 12.154 min
Delta R.T.: -0.004 min
Response: 2661994
Conc: 17.01 ug/ml



#12 1-chlorooctadecane (SURR)

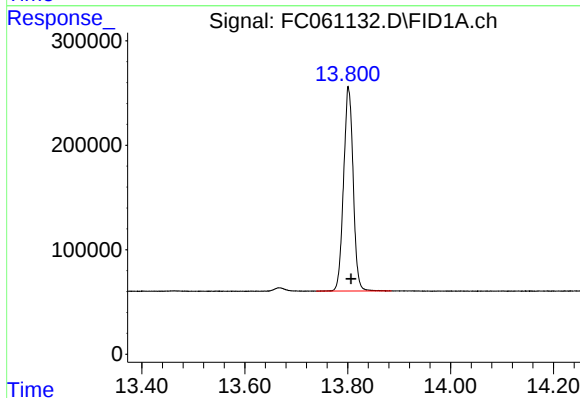
R.T.: 11.994 min
Delta R.T.: -0.003 min
Response: 2229649
Conc: 16.80 ug/ml



#13 n-Docosane (C22)

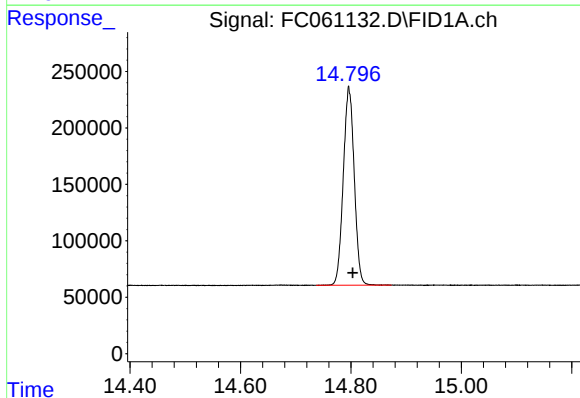
R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 2627318
Conc: 16.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



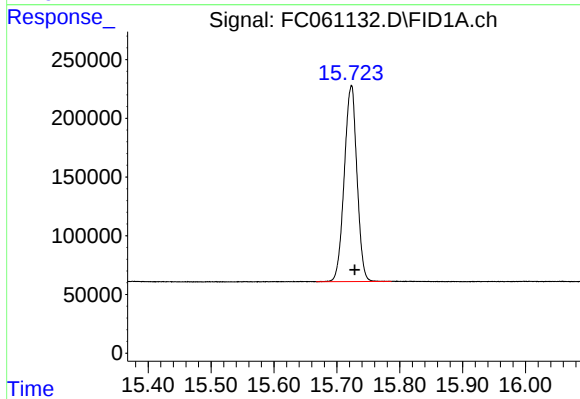
#14 n-Tetracosane (C24)

R.T.: 13.802 min
Delta R.T.: -0.005 min
Response: 2525109
Conc: 16.54 ug/ml



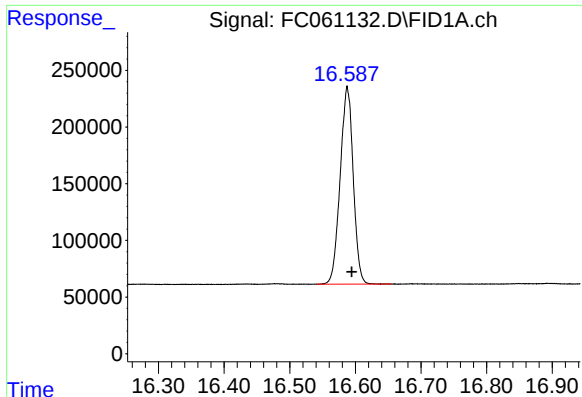
#15 n-Hexacosane (C26)

R.T.: 14.797 min
Delta R.T.: -0.006 min
Response: 2415729
Conc: 16.18 ug/ml



#16 n-Octacosane (C28)

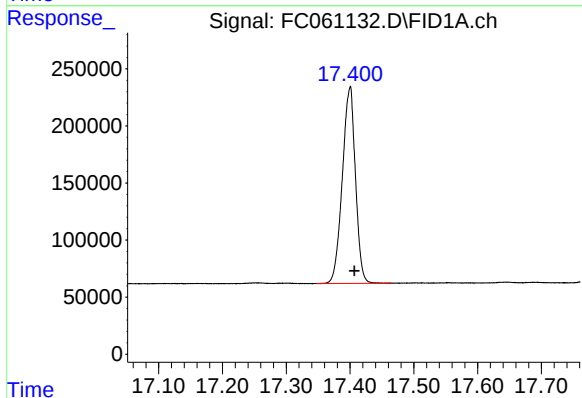
R.T.: 15.723 min
Delta R.T.: -0.006 min
Response: 2338039
Conc: 16.32 ug/ml



#17 n-Tricontane (C30)

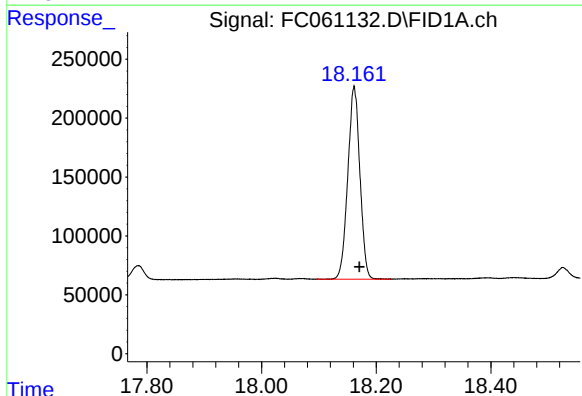
R.T.: 16.588 min
Delta R.T.: -0.007 min
Response: 2409357
Conc: 17.21 ug/ml

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20 PPM ALIPHATIC HC STD



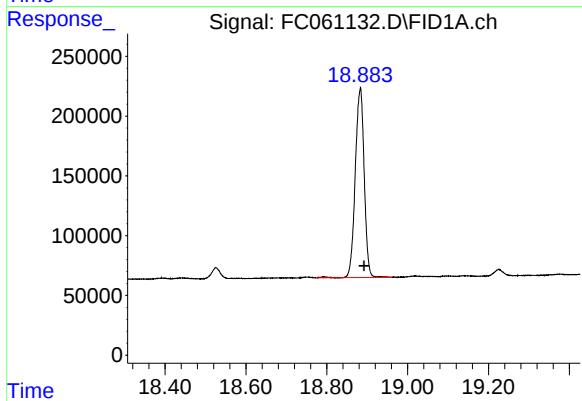
#18 n-Dotriacontane (C32)

R.T.: 17.399 min
Delta R.T.: -0.008 min
Response: 2459467
Conc: 18.22 ug/ml



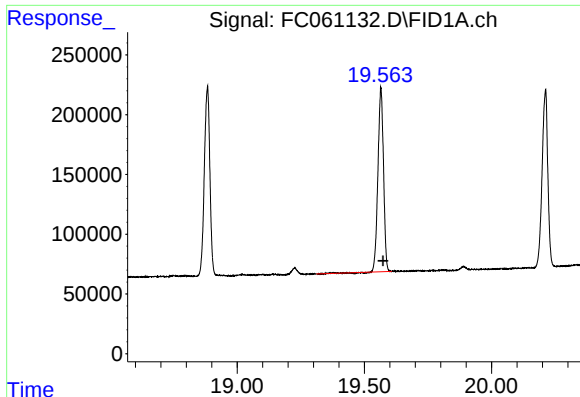
#19 n-Tetratriacontane (C34)

R.T.: 18.162 min
Delta R.T.: -0.009 min
Response: 2395611
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

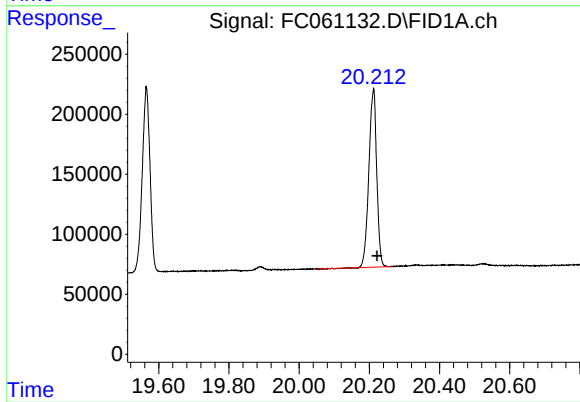
R.T.: 18.883 min
Delta R.T.: -0.009 min
Response: 2426364
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.565 min
Delta R.T.: -0.009 min
Response: 2347547
Conc: 19.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.211 min
Delta R.T.: -0.011 min
Response: 2301777
Conc: 20.00 ug/ml