

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072021AL\
 Data File : FD038287.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jul 2021 13:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 21 02:10:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.412	2946358	20.383 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.847	2249124	19.727 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T n-Nonane (C9)	3.227	2775567	22.841 ug/ml
2) T n-Decane (C10)	4.282	2807842	22.956 ug/ml
3) T A~Naphthalene (C11.7)	5.852	3094510	22.637 ug/ml
4) T n-Dodecane (C12)	6.288	2849679	22.880 ug/ml
5) T A~2-methylnaphthalene...	6.903	3090799	22.439 ug/ml
6) T n-Tetradecane (C14)	8.074	2897191	22.541 ug/ml
7) T n-Hexadecane (C16)	9.667	2874826	22.185 ug/ml
8) T n-Octadecane (C18)	11.103	2873534	21.337 ug/ml
10) T n-Eicosane (C20)	12.406	2752147	20.490 ug/ml
11) T n-Heneicosane (C21)	13.014	2724176	20.051 ug/ml
13) T n-Docosane (C22)	13.597	2656239	19.742 ug/ml
14) T n-Tetracosane (C24)	14.695	2570603	19.037 ug/ml
15) T n-Hexacosane (C26)	15.711	2420352	18.370 ug/ml
16) T n-Octacosane (C28)	16.657	2352512	18.042 ug/ml
17) T n-Tricontane (C30)	17.540	2310839	18.083 ug/ml
18) T n-Dotriacontane (C32)	18.367	2277864	18.512 ug/ml
19) T n-Tetratriacontane (C34)	19.149	2287206	19.531 ug/ml
20) T n-Hexatriacontane (C36)	19.884	2262190	20.715 ug/ml
21) T n-Octatriacontane (C38)	20.590	2199471	21.838 ug/ml
22) T n-Tetracontane (C40)	21.415	2285556	23.369 ug/ml

(f)=RT Delta > 1/2 Window

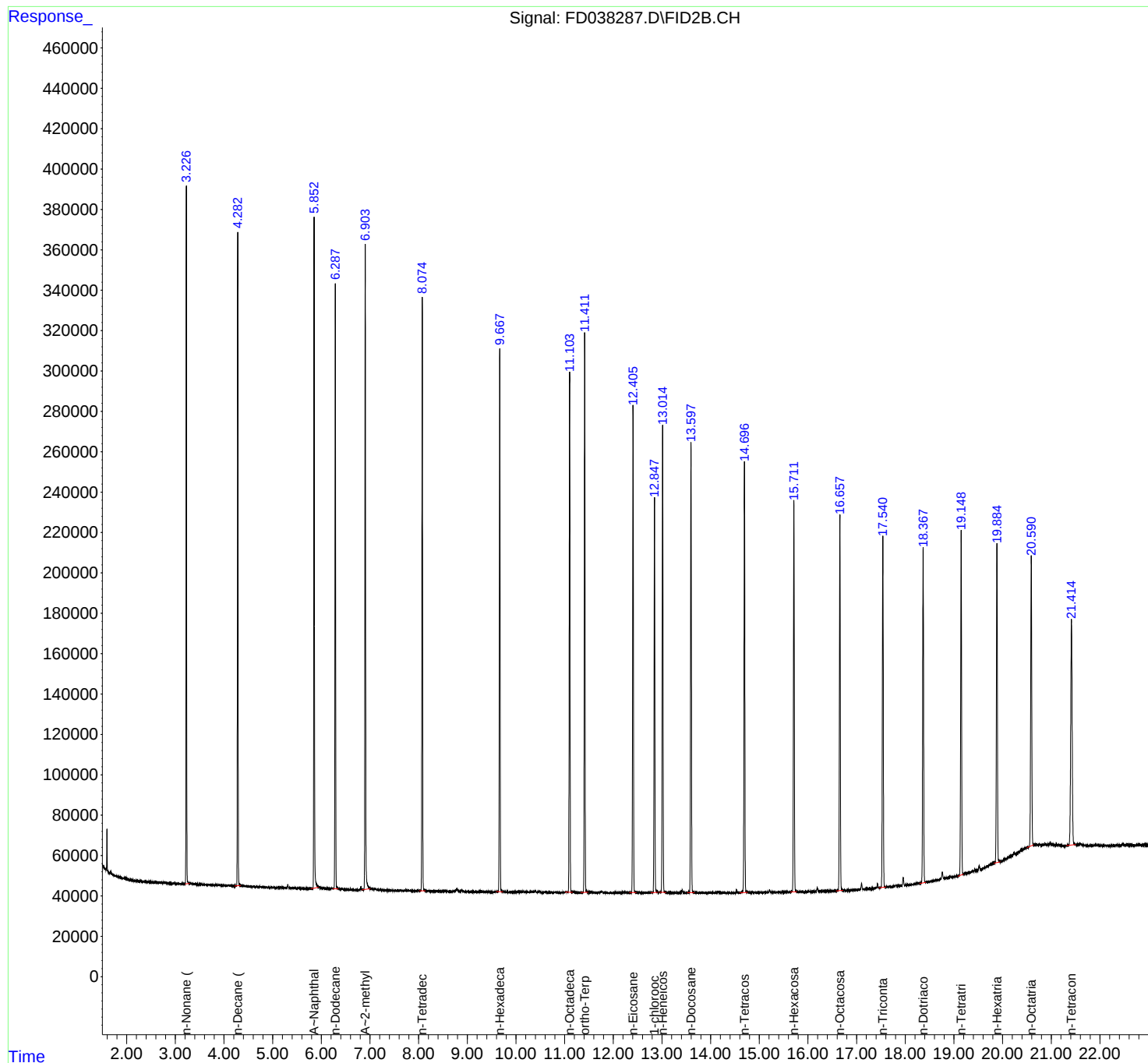
(m)=manual int.

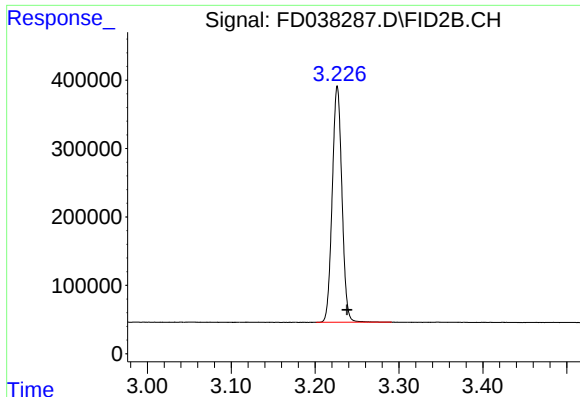
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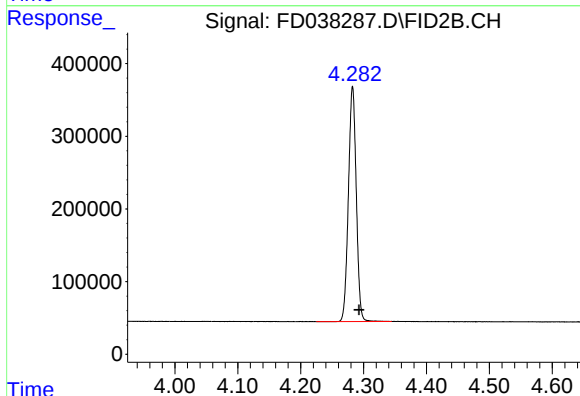




#1 n-Nonane (C9)

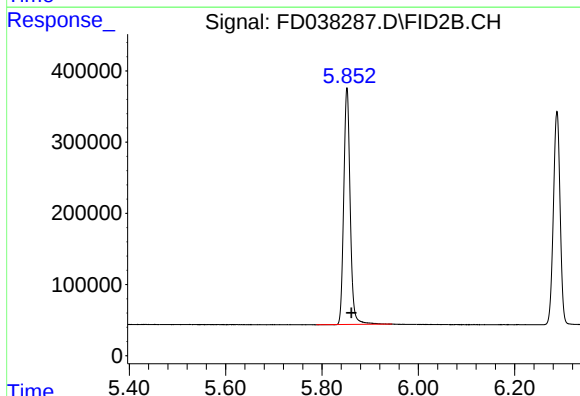
R.T.: 3.227 min
Delta R.T.: -0.011 min
Response: 2775567
Conc: 22.84 ug/ml

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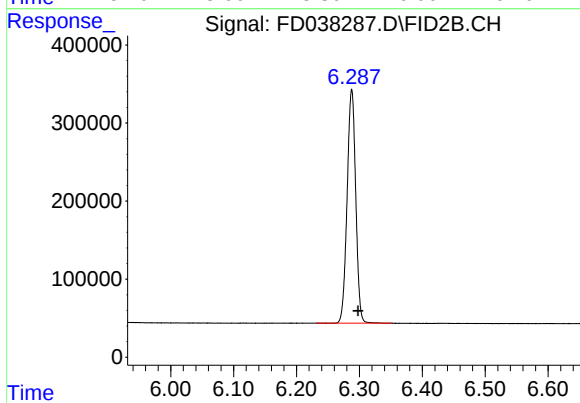
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.010 min
Response: 2807842
Conc: 22.96 ug/ml



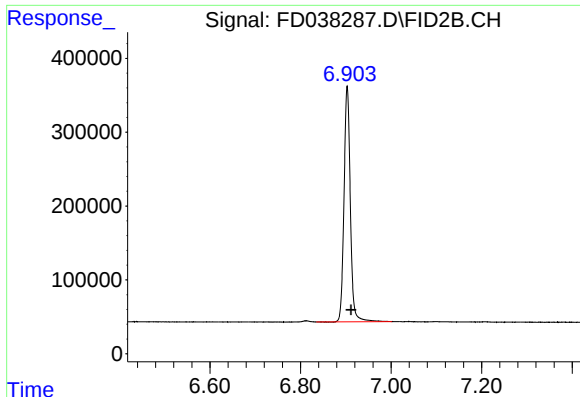
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.009 min
Response: 3094510
Conc: 22.64 ug/ml



#4 n-Dodecane (C12)

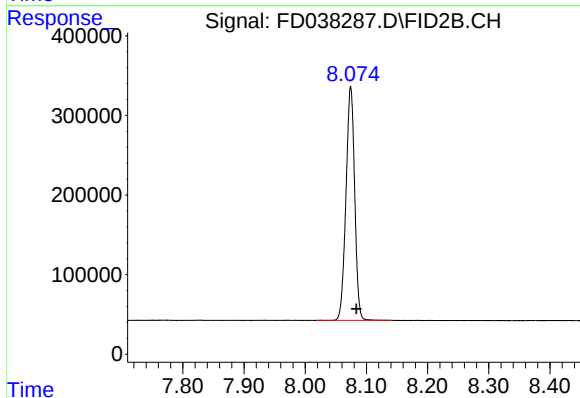
R.T.: 6.288 min
Delta R.T.: -0.010 min
Response: 2849679
Conc: 22.88 ug/ml



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

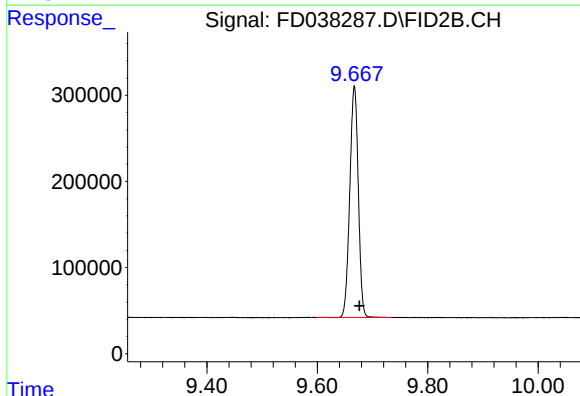
R.T.: 6.903 min
Delta R.T.: -0.009 min
Response: 3090799
Conc: 22.44 ug/ml

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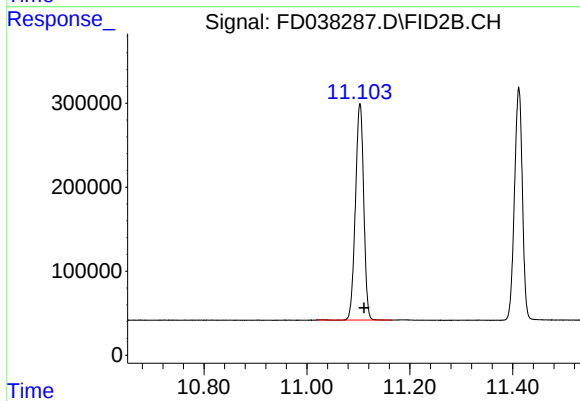
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 2897191
Conc: 22.54 ug/ml



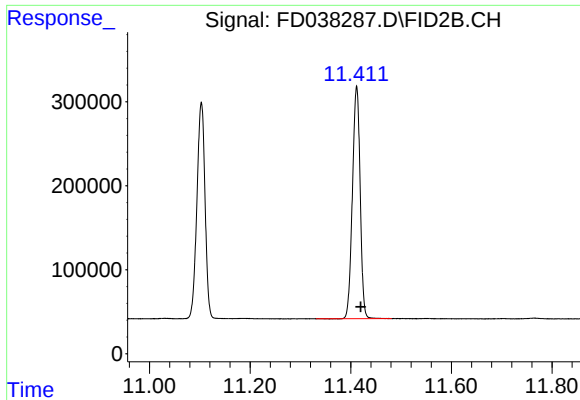
#7 n-Hexadecane (C16)

R.T.: 9.667 min
Delta R.T.: -0.009 min
Response: 2874826
Conc: 22.18 ug/ml



#8 n-Octadecane (C18)

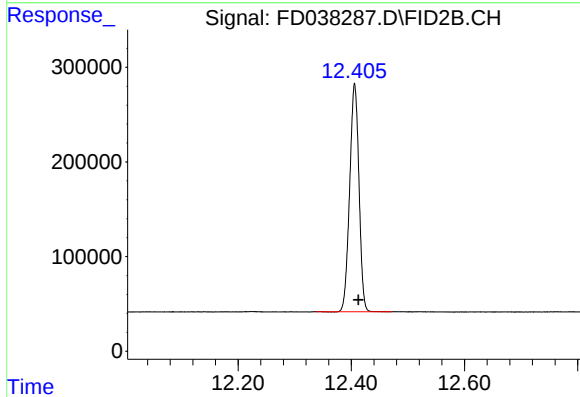
R.T.: 11.103 min
Delta R.T.: -0.008 min
Response: 2873534
Conc: 21.34 ug/ml



#9 ortho-Terphenyl (SURR)

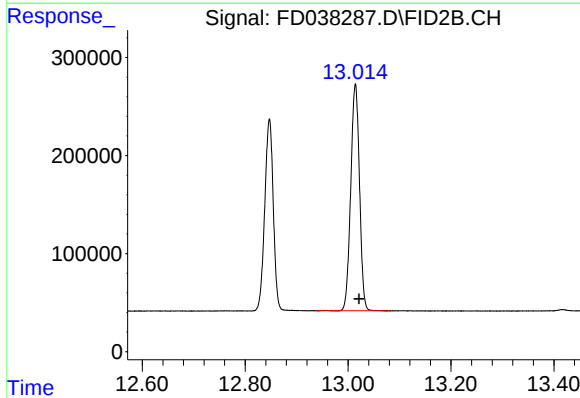
R.T.: 11.412 min
Delta R.T.: -0.008 min
Response: 2946358
Conc: 20.38 ug/ml

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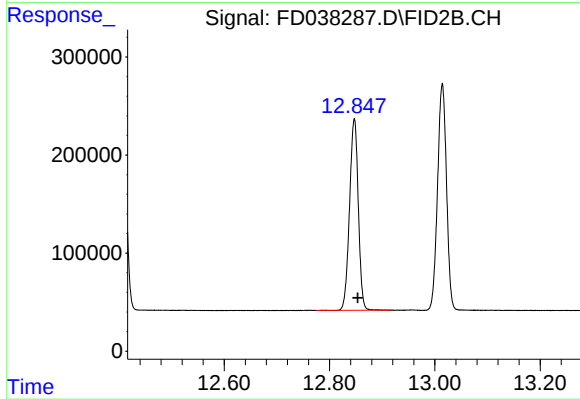
#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.007 min
Response: 2752147
Conc: 20.49 ug/ml



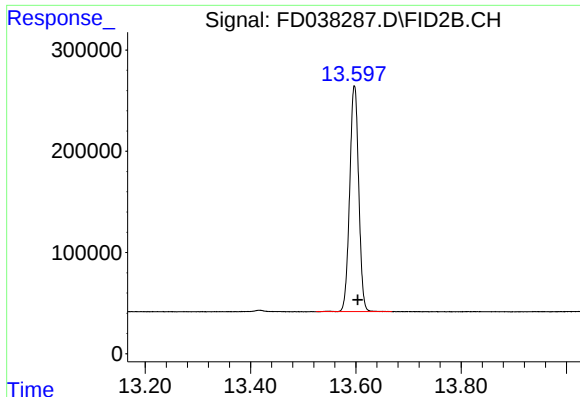
#11 n-Heneicosane (C21)

R.T.: 13.014 min
Delta R.T.: -0.007 min
Response: 2724176
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

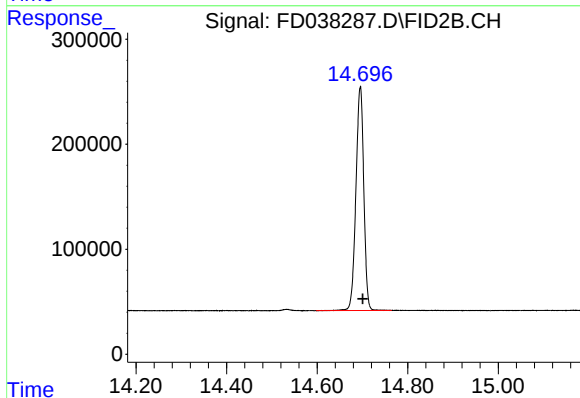
R.T.: 12.847 min
Delta R.T.: -0.007 min
Response: 2249124
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

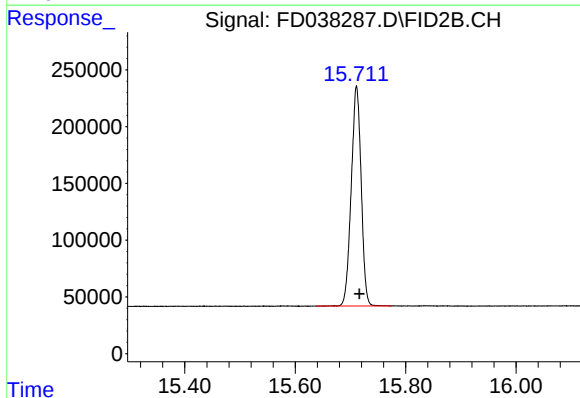
R.T.: 13.597 min
Delta R.T.: -0.006 min
Response: 2656239
Conc: 19.74 ug/ml

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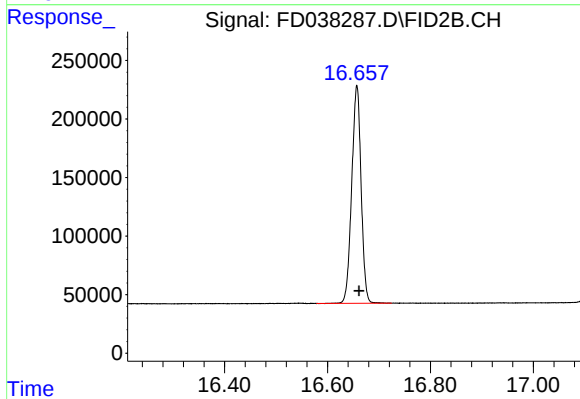
#14 n-Tetracosane (C24)

R.T.: 14.695 min
Delta R.T.: -0.006 min
Response: 2570603
Conc: 19.04 ug/ml



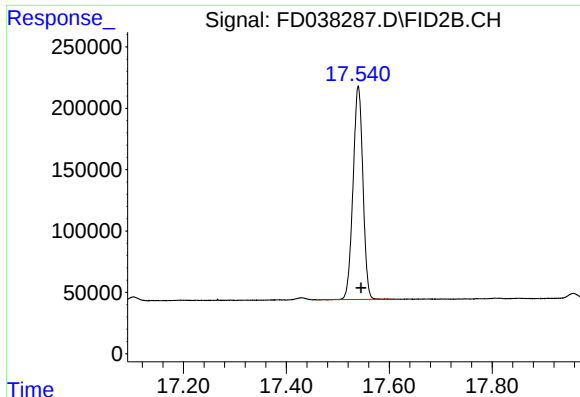
#15 n-Hexacosane (C26)

R.T.: 15.711 min
Delta R.T.: -0.005 min
Response: 2420352
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

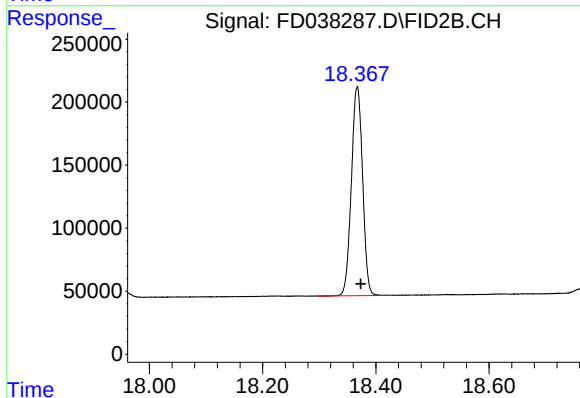
R.T.: 16.657 min
Delta R.T.: -0.004 min
Response: 2352512
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

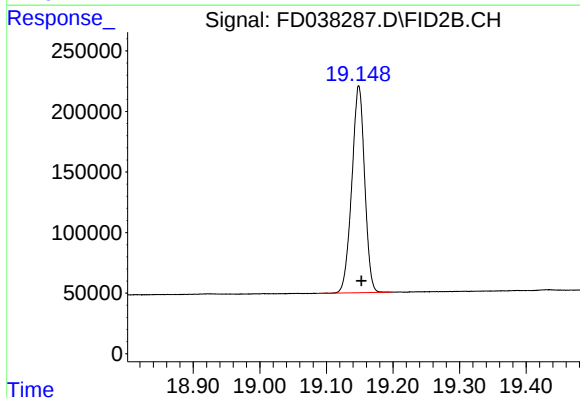
R.T.: 17.540 min
Delta R.T.: -0.005 min
Response: 2310839
Conc: 18.08 ug/ml

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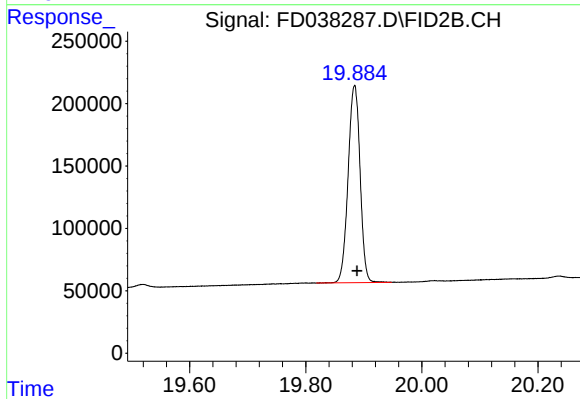
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: -0.006 min
Response: 2277864
Conc: 18.51 ug/ml



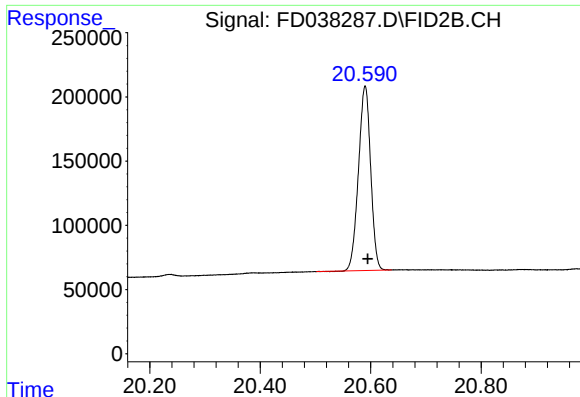
#19 n-Tetratriacontane (C34)

R.T.: 19.149 min
Delta R.T.: -0.004 min
Response: 2287206
Conc: 19.53 ug/ml



#20 n-Hexatriacontane (C36)

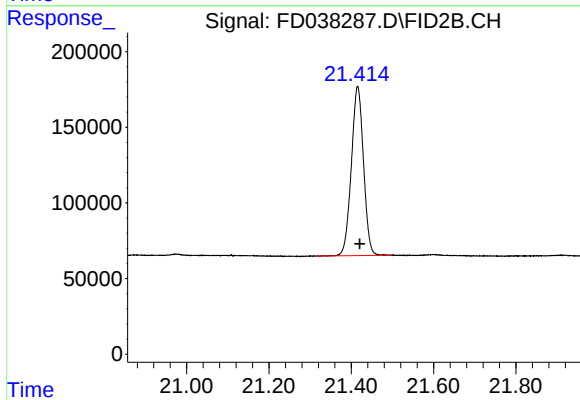
R.T.: 19.884 min
Delta R.T.: -0.005 min
Response: 2262190
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: -0.005 min
Response: 2199471
Conc: 21.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.415 min
Delta R.T.: -0.005 min
Response: 2285556
Conc: 23.37 ug/ml