

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
 Data File : FC053167.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 00:33
 Operator : DD\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 15 01:49:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.554	2636963	18.253 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	12.993	2079099	17.994 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
Target Compounds			
1) T n-Nonane (C9)	3.309	2396899	19.151 ug/ml
2) T n-Decane (C10)	4.375	2441932	19.397 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2689469	19.307 ug/ml
4) T n-Dodecane (C12)	6.395	2518783	19.667 ug/ml
5) T A~2-methylnaphthalene...	7.018	2746588	19.430 ug/ml
6) T n-Tetradecane (C14)	8.193	2517426	19.565 ug/ml
7) T n-Hexadecane (C16)	9.795	2467977	19.303 ug/ml
8) T n-Octadecane (C18)	11.238	2547535	18.837 ug/ml
10) T n-Eicosane (C20)	12.549	2504057	18.230 ug/ml
11) T n-Heneicosane (C21)	13.161	2462169	17.919 ug/ml
13) T n-Docosane (C22)	13.747	2417141	17.536 ug/ml
14) T n-Tetracosane (C24)	14.851	2319185	16.820 ug/ml
15) T n-Hexacosane (C26)	15.873	2194520	16.183 ug/ml
16) T n-Octacosane (C28)	16.823	2120282	15.907 ug/ml
17) T n-Tricontane (C30)	17.712	2054735	16.010 ug/ml
18) T n-Dotriacontane (C32)	18.544	1991081	16.666 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1936863	17.488 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1869270	18.524 ug/ml
21) T n-Octatriacontane (C38)	20.800	1805808	20.269 ug/ml
22) T n-Tetracontane (C40)	21.701	1881140	23.498 ug/ml

(f)=RT Delta > 1/2 Window

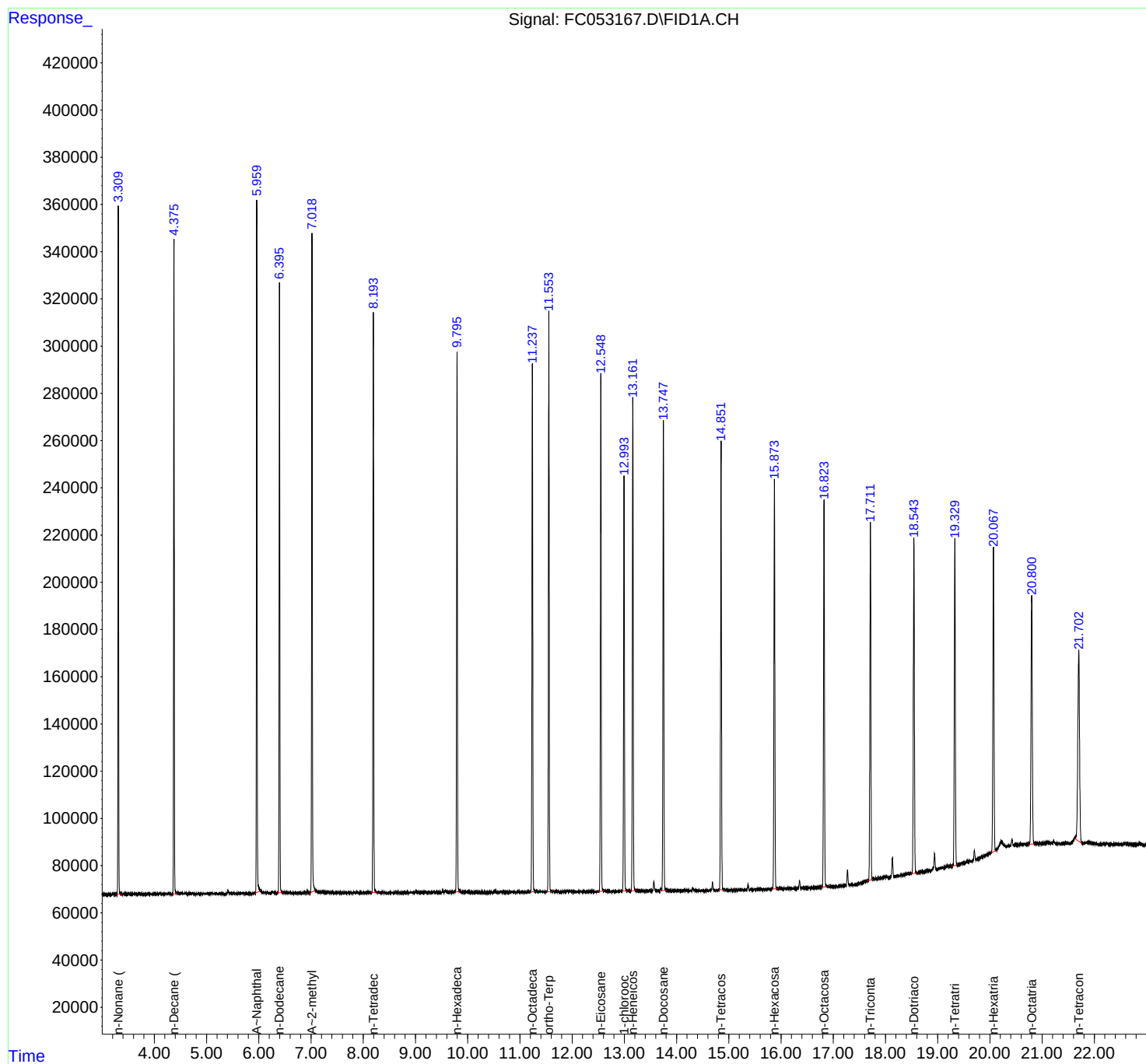
(m)=manual int.

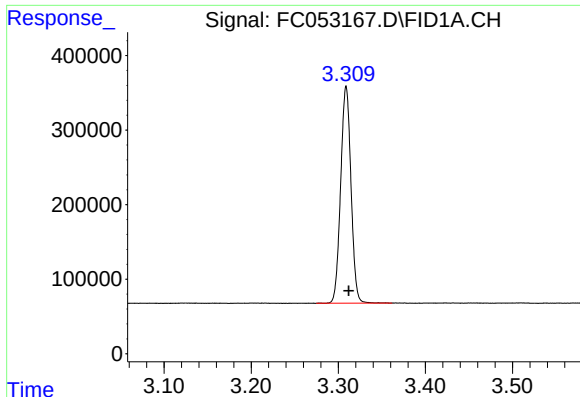
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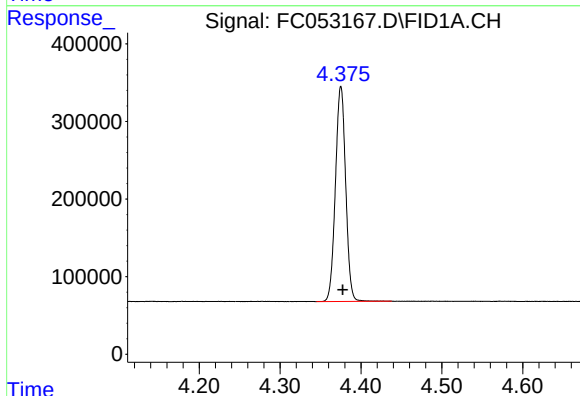




#1 n-Nonane (C9)

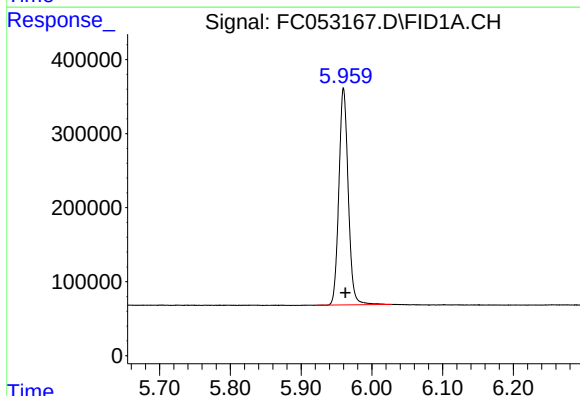
R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2396899
Conc: 19.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



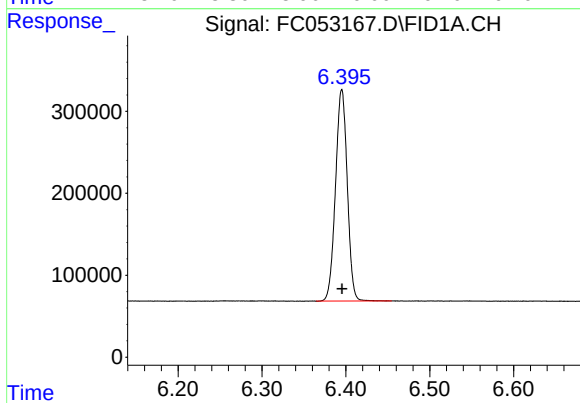
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 2441932
Conc: 19.40 ug/ml



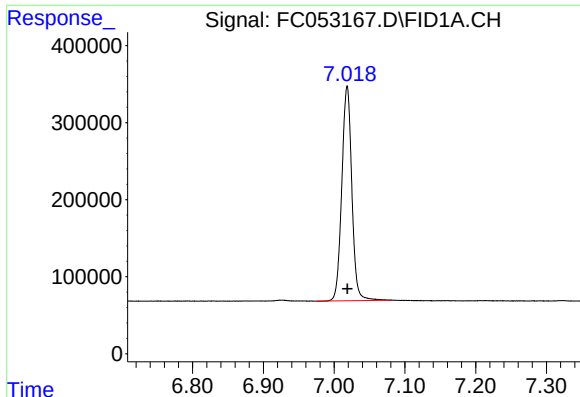
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2689469
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

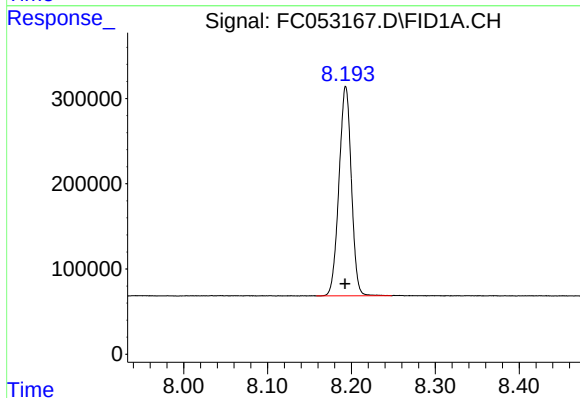
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2518783
Conc: 19.67 ug/ml



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

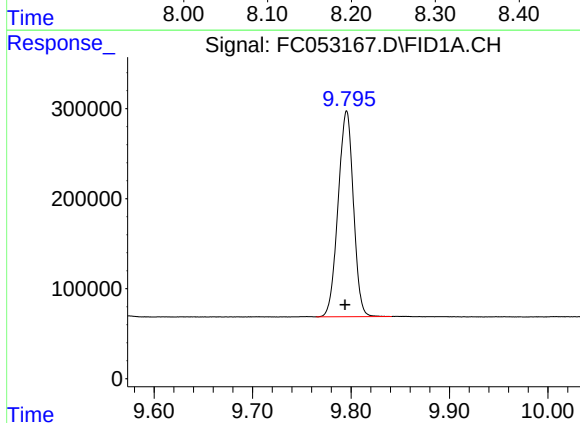
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2746588
Conc: 19.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



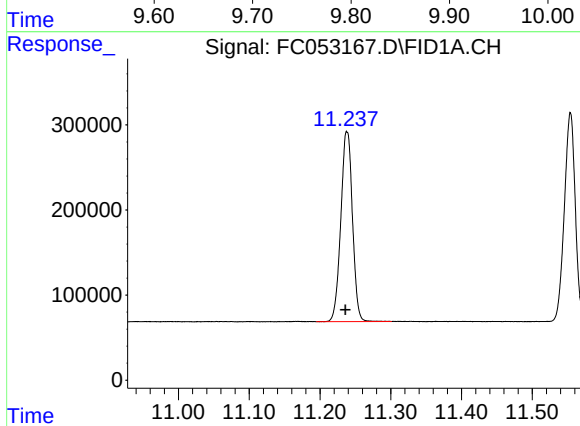
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2517426
Conc: 19.57 ug/ml



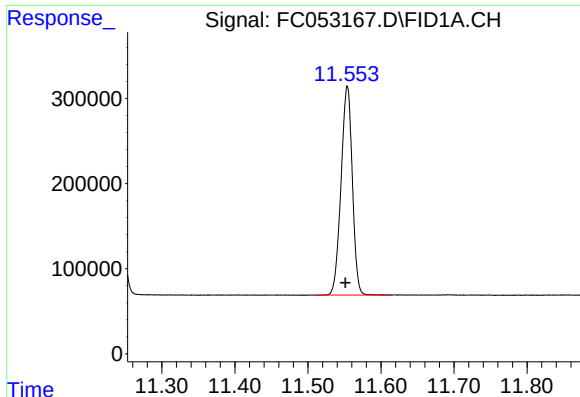
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.001 min
Response: 2467977
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

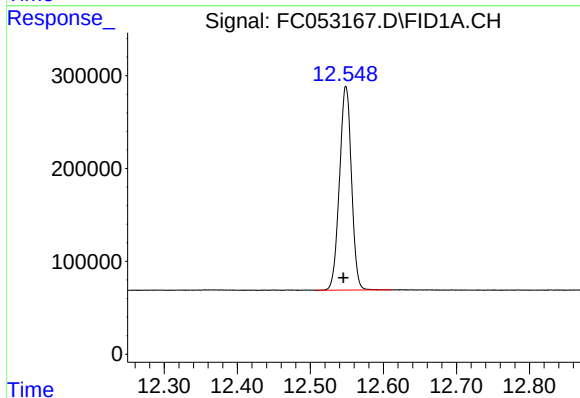
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2547535
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

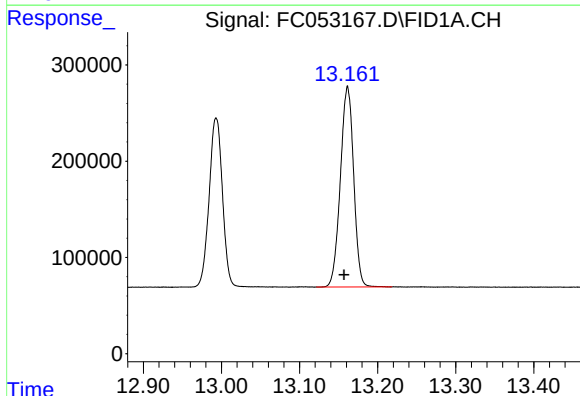
R.T.: 11.554 min
Delta R.T.: 0.003 min
Response: 2636963
Conc: 18.25 ug/ml

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FID_C
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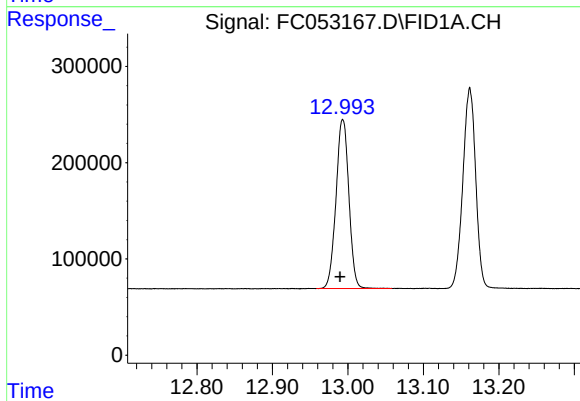
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: 0.003 min
Response: 2504057
Conc: 18.23 ug/ml



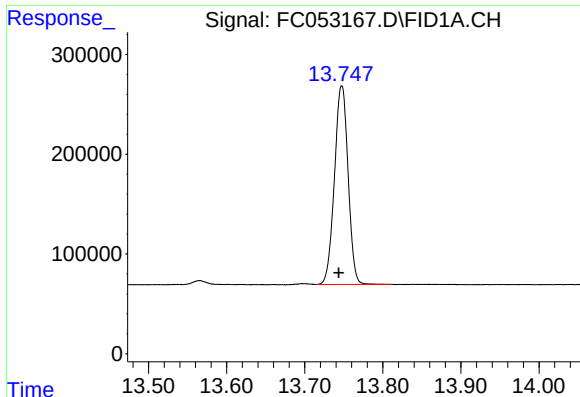
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: 0.004 min
Response: 2462169
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

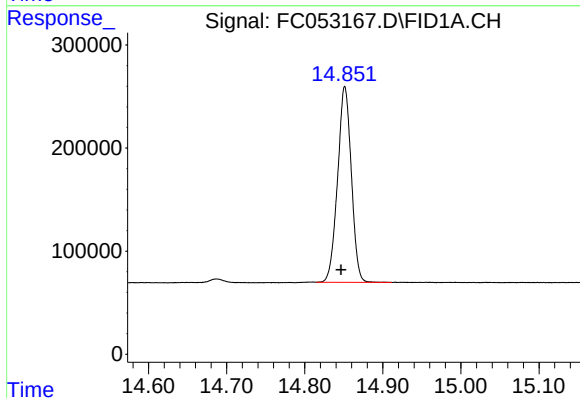
R.T.: 12.993 min
Delta R.T.: 0.004 min
Response: 2079099
Conc: 17.99 ug/ml



#13 n-Docosane (C22)

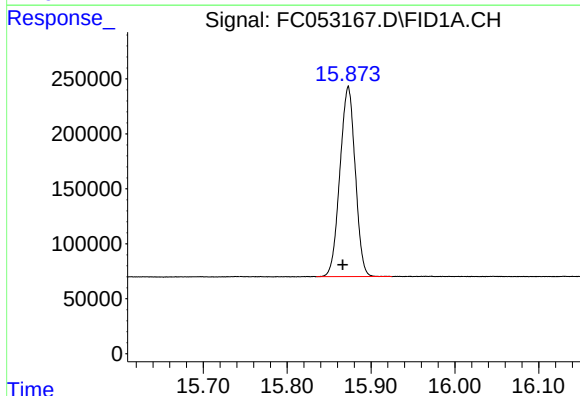
R.T.: 13.747 min
Delta R.T.: 0.004 min
Response: 2417141
Conc: 17.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



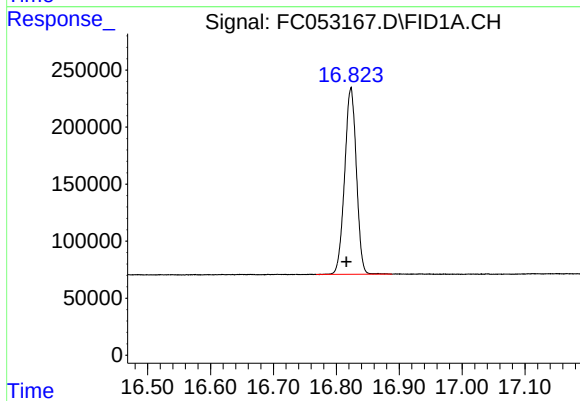
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.005 min
Response: 2319185
Conc: 16.82 ug/ml



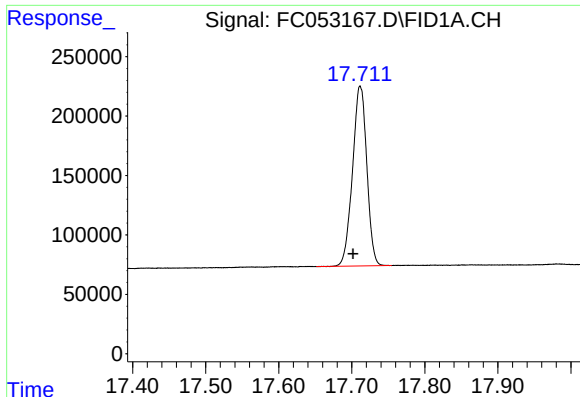
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.007 min
Response: 2194520
Conc: 16.18 ug/ml



#16 n-Octacosane (C28)

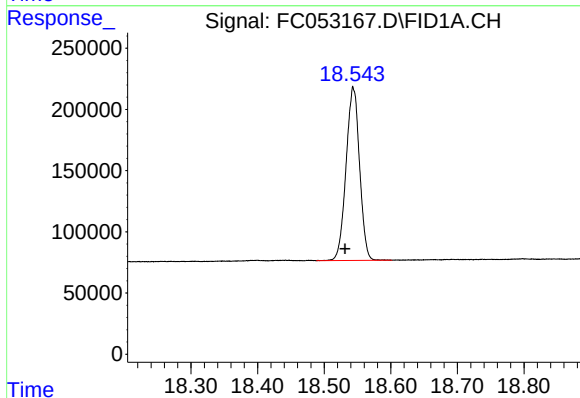
R.T.: 16.823 min
Delta R.T.: 0.007 min
Response: 2120282
Conc: 15.91 ug/ml



#17 n-Tricontane (C30)

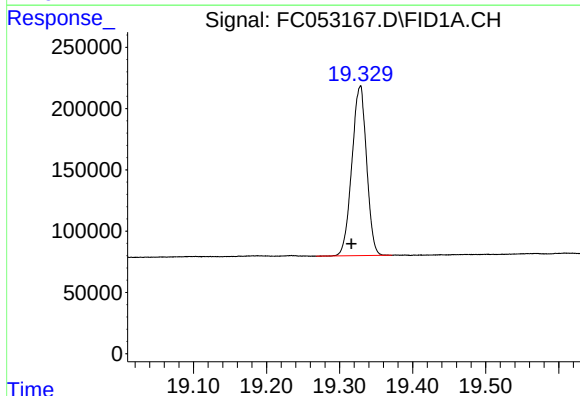
R.T.: 17.712 min
Delta R.T.: 0.010 min
Response: 2054735
Conc: 16.01 ug/ml

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20 PPM ALIPHATIC HC STD



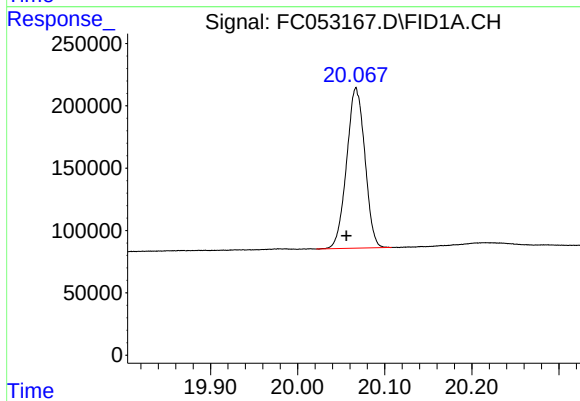
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.012 min
Response: 1991081
Conc: 16.67 ug/ml



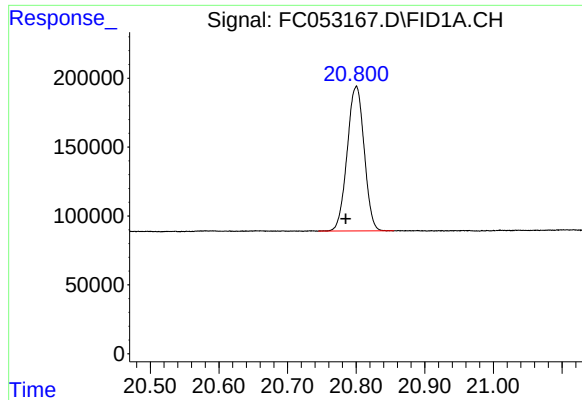
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: 0.011 min
Response: 1936863
Conc: 17.49 ug/ml



#20 n-Hexatriacontane (C36)

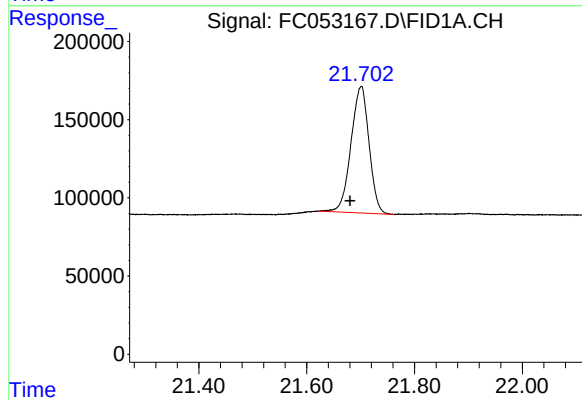
R.T.: 20.067 min
Delta R.T.: 0.011 min
Response: 1869270
Conc: 18.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.015 min
Response: 1805808
Conc: 20.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: 0.021 min
Response: 1881140
Conc: 23.50 ug/ml