

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055150.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 5:46
 Operator : AJ\MA
 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 12 07:36:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.307	2323271	18.453 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	12.747	1815238	18.316 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.140	2151588	20.576 ug/ml
2) T n-Decane (C10)	4.191	2195691	20.850 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2283758	21.018 ug/ml
4) T n-Dodecane (C12)	6.192	2259179	20.804 ug/ml
5) T A~2-methylnaphthalene...	6.807	2270736	20.806 ug/ml
6) T n-Tetradecane (C14)	7.977	2284457	20.463 ug/ml
7) T n-Hexadecane (C16)	9.568	2275786	19.954 ug/ml
8) T n-Octadecane (C18)	11.003	2287079	19.395 ug/ml
10) T n-Eicosane (C20)	12.307	2196360	18.708 ug/ml
11) T n-Heneicosane (C21)	12.916	2179867	18.462 ug/ml
13) T n-Docosane (C22)	13.499	2119575	18.148 ug/ml
14) T n-Tetracosane (C24)	14.598	2070889	17.891 ug/ml
15) T n-Hexacosane (C26)	15.614	1950341	17.403 ug/ml
16) T n-Octacosane (C28)	16.562	1891754	17.424 ug/ml
17) T n-Tricontane (C30)	17.446	1842399	17.646 ug/ml
18) T n-Dotriacontane (C32)	18.275	1810383	18.280 ug/ml
19) T n-Tetratriacontane (C34)	19.058	1792675	18.914 ug/ml
20) T n-Hexatriacontane (C36)	19.794	1735047	19.200 ug/ml
21) T n-Octatriacontane (C38)	20.496	1645456	19.044 ug/ml
22) T n-Tetracontane (C40)	21.302	1688906	18.965 ug/ml

(f)=RT Delta > 1/2 Window

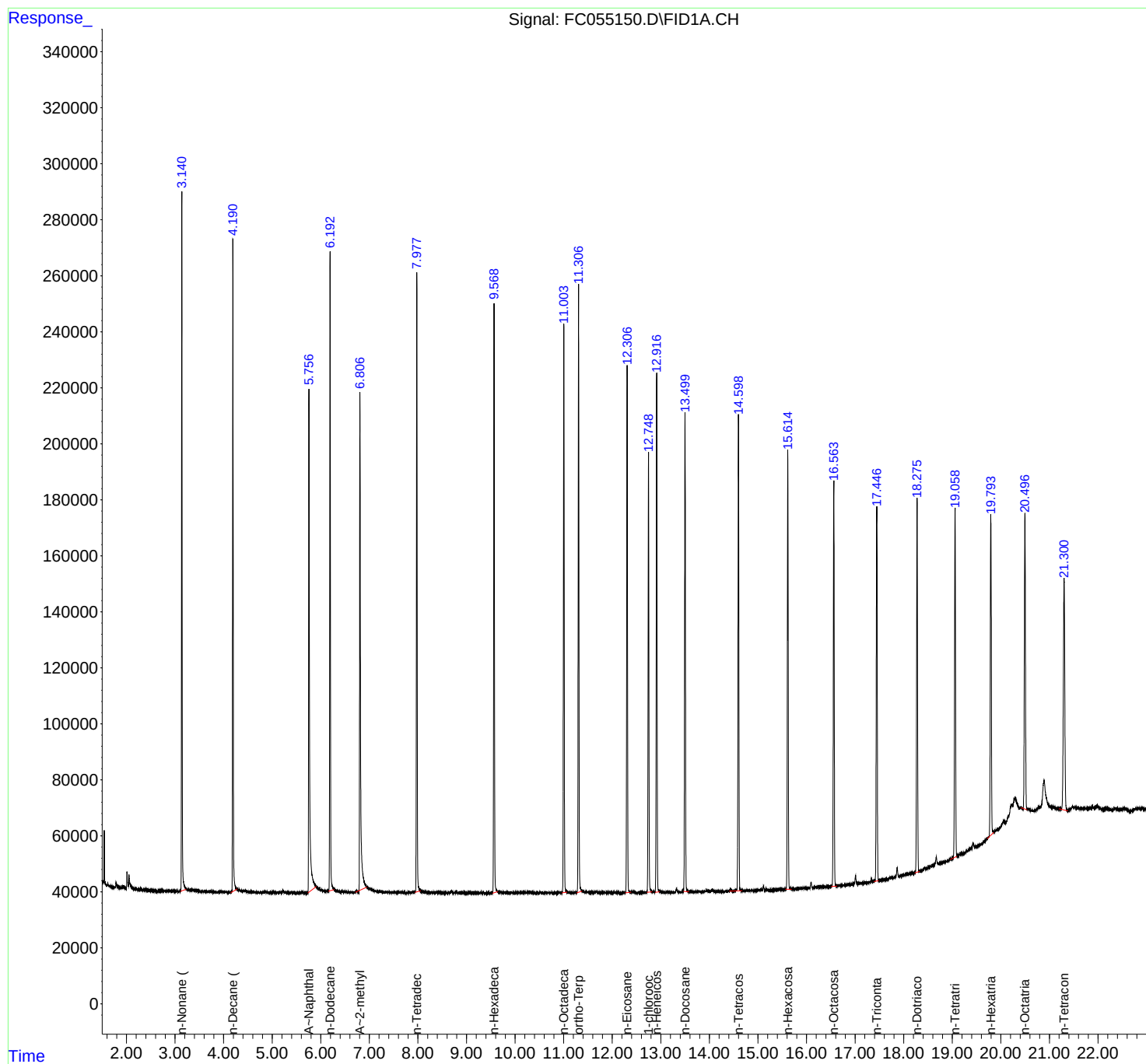
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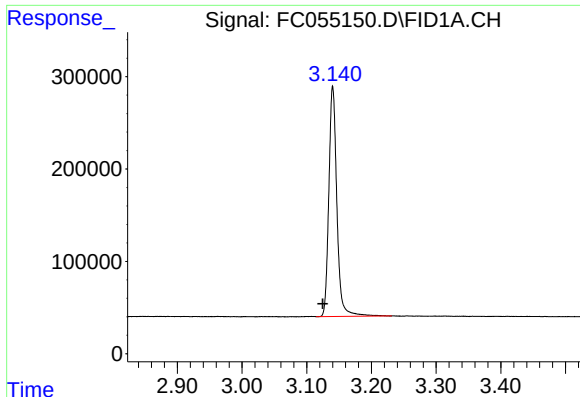
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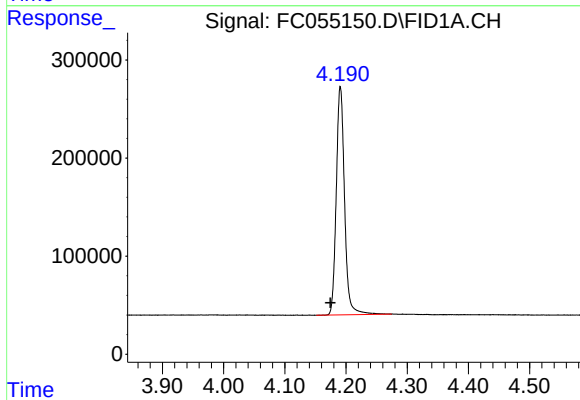




#1 n-Nonane (C9)

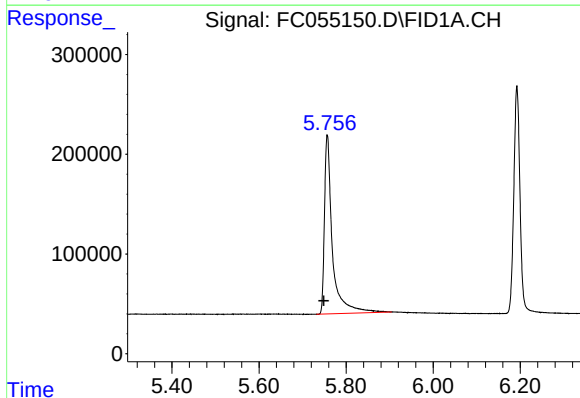
R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2151588
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



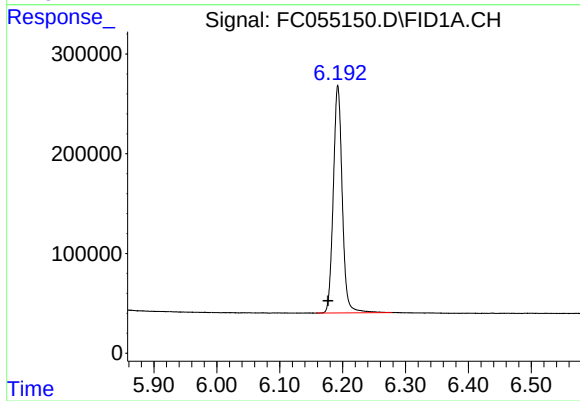
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 2195691
Conc: 20.85 ug/ml



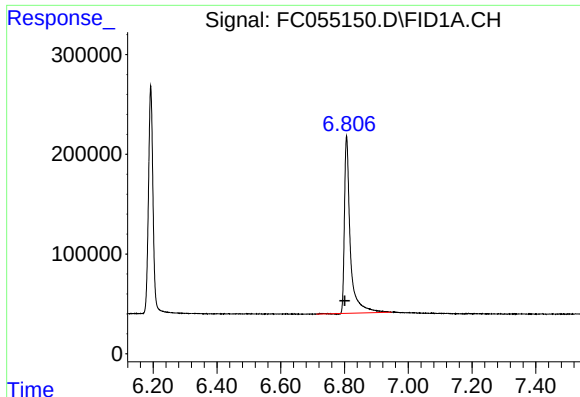
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2283758
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

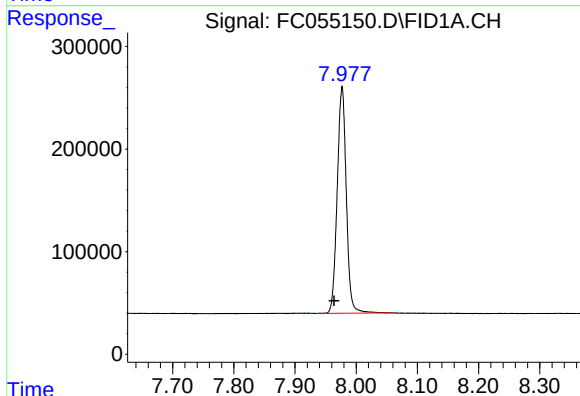
R.T.: 6.192 min
Delta R.T.: 0.016 min
Response: 2259179
Conc: 20.80 ug/ml



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

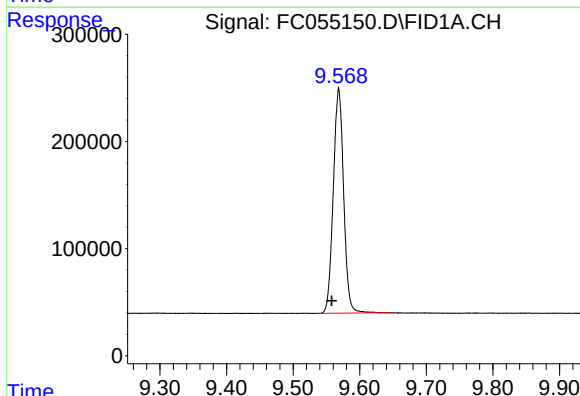
R.T.: 6.807 min
Delta R.T.: 0.007 min
Response: 2270736
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



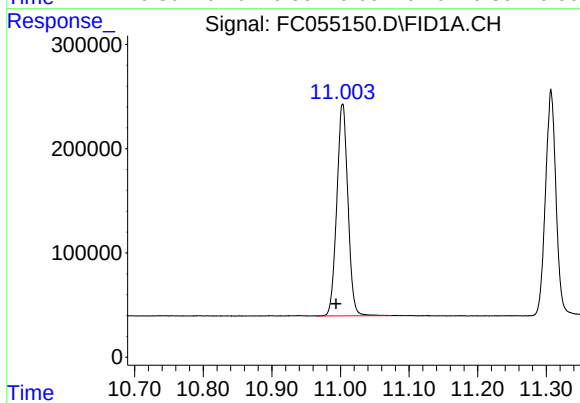
#6 n-Tetradecane (C14)

R.T.: 7.977 min
Delta R.T.: 0.013 min
Response: 2284457
Conc: 20.46 ug/ml



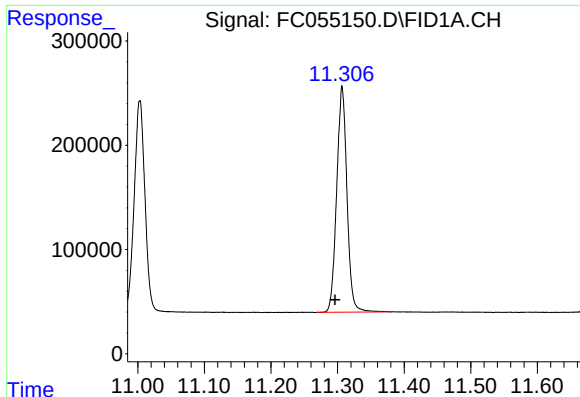
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2275786
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

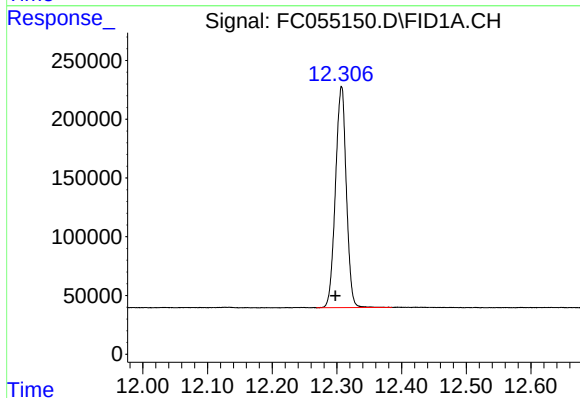
R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 2287079
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

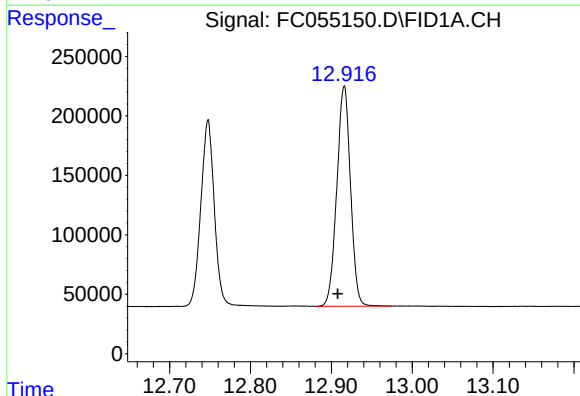
R.T.: 11.307 min
Delta R.T.: 0.011 min
Response: 2323271
Conc: 18.45 ug/ml

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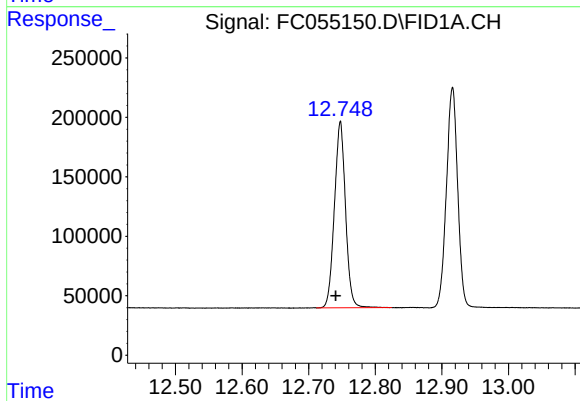
#10 n-Eicosane (C20)

R.T.: 12.307 min
Delta R.T.: 0.009 min
Response: 2196360
Conc: 18.71 ug/ml



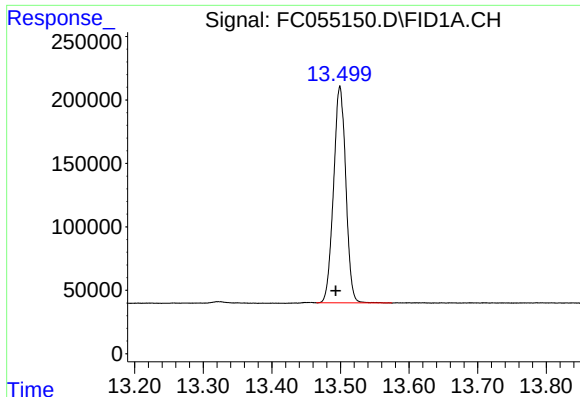
#11 n-Heneicosane (C21)

R.T.: 12.916 min
Delta R.T.: 0.008 min
Response: 2179867
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

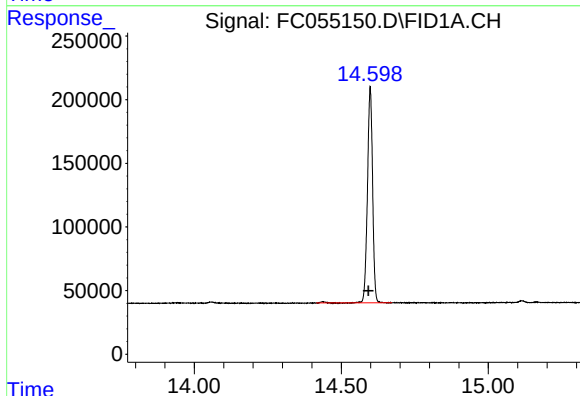
R.T.: 12.747 min
Delta R.T.: 0.007 min
Response: 1815238
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

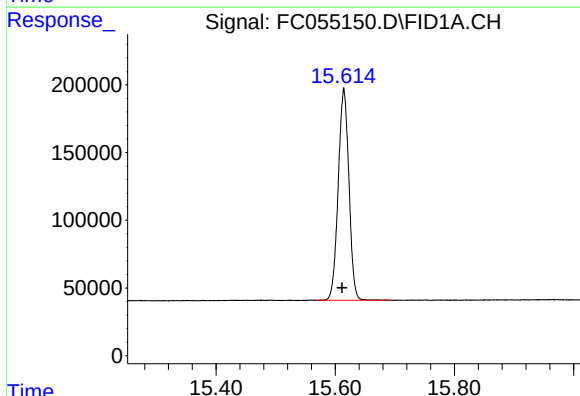
R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 2119575
Conc: 18.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



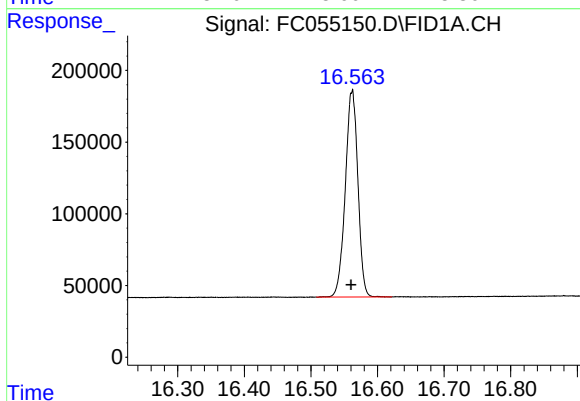
#14 n-Tetracosane (C24)

R.T.: 14.598 min
Delta R.T.: 0.006 min
Response: 2070889
Conc: 17.89 ug/ml



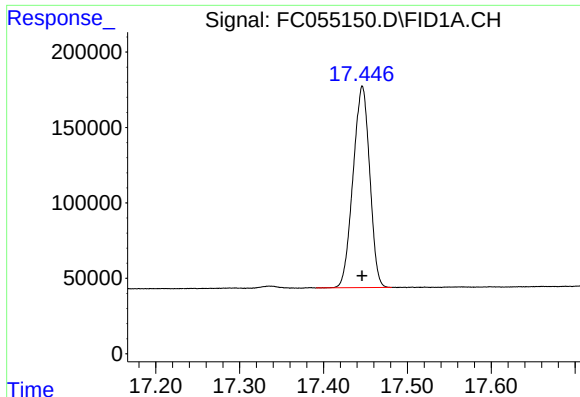
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: 0.003 min
Response: 1950341
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

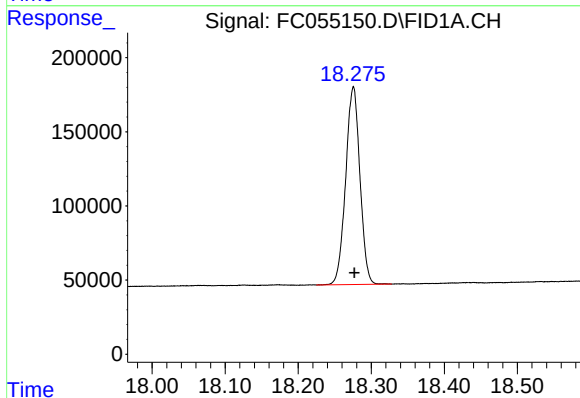
R.T.: 16.562 min
Delta R.T.: 0.001 min
Response: 1891754
Conc: 17.42 ug/ml



#17 n-Tricontane (C30)

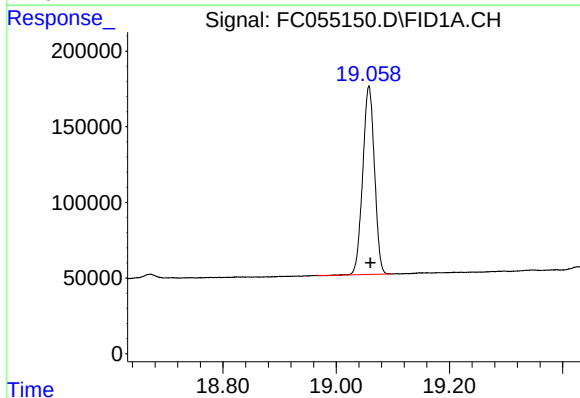
R.T.: 17.446 min
Delta R.T.: 0.000 min
Response: 1842399
Conc: 17.65 ug/ml

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20 PPM ALIPHATIC HC STD



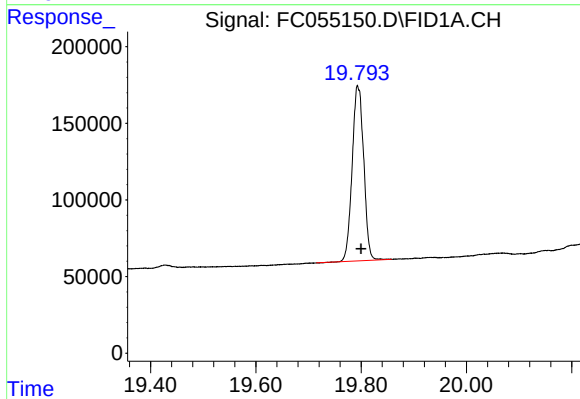
#18 n-Dotriacontane (C32)

R.T.: 18.275 min
Delta R.T.: -0.002 min
Response: 1810383
Conc: 18.28 ug/ml



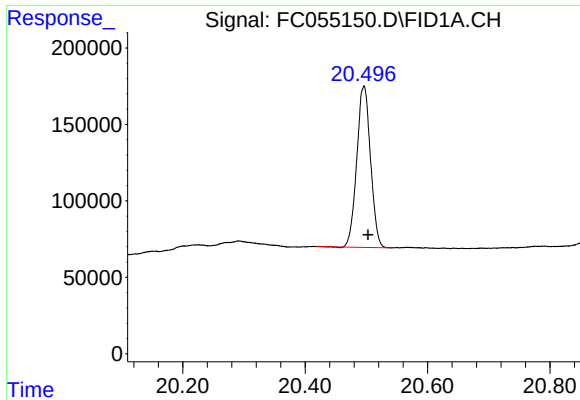
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min
Delta R.T.: -0.003 min
Response: 1792675
Conc: 18.91 ug/ml



#20 n-Hexatriacontane (C36)

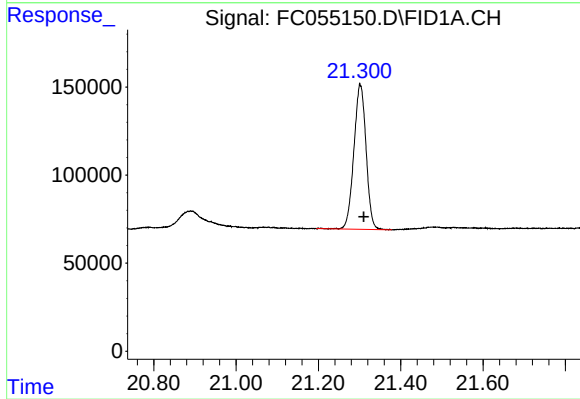
R.T.: 19.794 min
Delta R.T.: -0.005 min
Response: 1735047
Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.496 min
Delta R.T.: -0.007 min
Response: 1645456
Conc: 19.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.302 min
Delta R.T.: -0.008 min
Response: 1688906
Conc: 18.96 ug/ml