

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055246.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2021 1:27
 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: sample.E
 Quant Time: Aug 18 05:44:09 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)	11.302	2378764	18.894 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	12.743	1879591	18.965 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.142	2160035	20.657 ug/ml
2) T n-Decane (C10)	4.191	2217166	21.054 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2268225	20.875 ug/ml
4) T n-Dodecane (C12)	6.190	2290441	21.092 ug/ml
5) T A~2-methylnaphthalene...	6.806	2322022	21.276 ug/ml
6) T n-Tetradecane (C14)	7.974	2313482	20.723 ug/ml
7) T n-Hexadecane (C16)	9.565	2325422	20.389 ug/ml
8) T n-Octadecane (C18)	10.999	2353202	19.955 ug/ml
10) T n-Eicosane (C20)	12.302	2275748	19.384 ug/ml
11) T n-Heneicosane (C21)	12.911	2258708	19.129 ug/ml
13) T n-Docosane (C22)	13.494	2199804	18.835 ug/ml
14) T n-Tetracosane (C24)	14.592	2132403	18.423 ug/ml
15) T n-Hexacosane (C26)	15.610	2028427	18.099 ug/ml
16) T n-Octacosane (C28)	16.557	1969259	18.138 ug/ml
17) T n-Tricontane (C30)	17.441	1920224	18.391 ug/ml
18) T n-Dotriacontane (C32)	18.271	1869742	18.880 ug/ml
19) T n-Tetratriacontane (C34)	19.050	1878158	19.816 ug/ml
20) T n-Hexatriacontane (C36)	19.788	1845537	20.423 ug/ml
21) T n-Octatriacontane (C38)	20.488	1805567	20.897 ug/ml
22) T n-Tetracontane (C40)	21.291	1854281	20.822 ug/ml

(f)=RT Delta > 1/2 Window

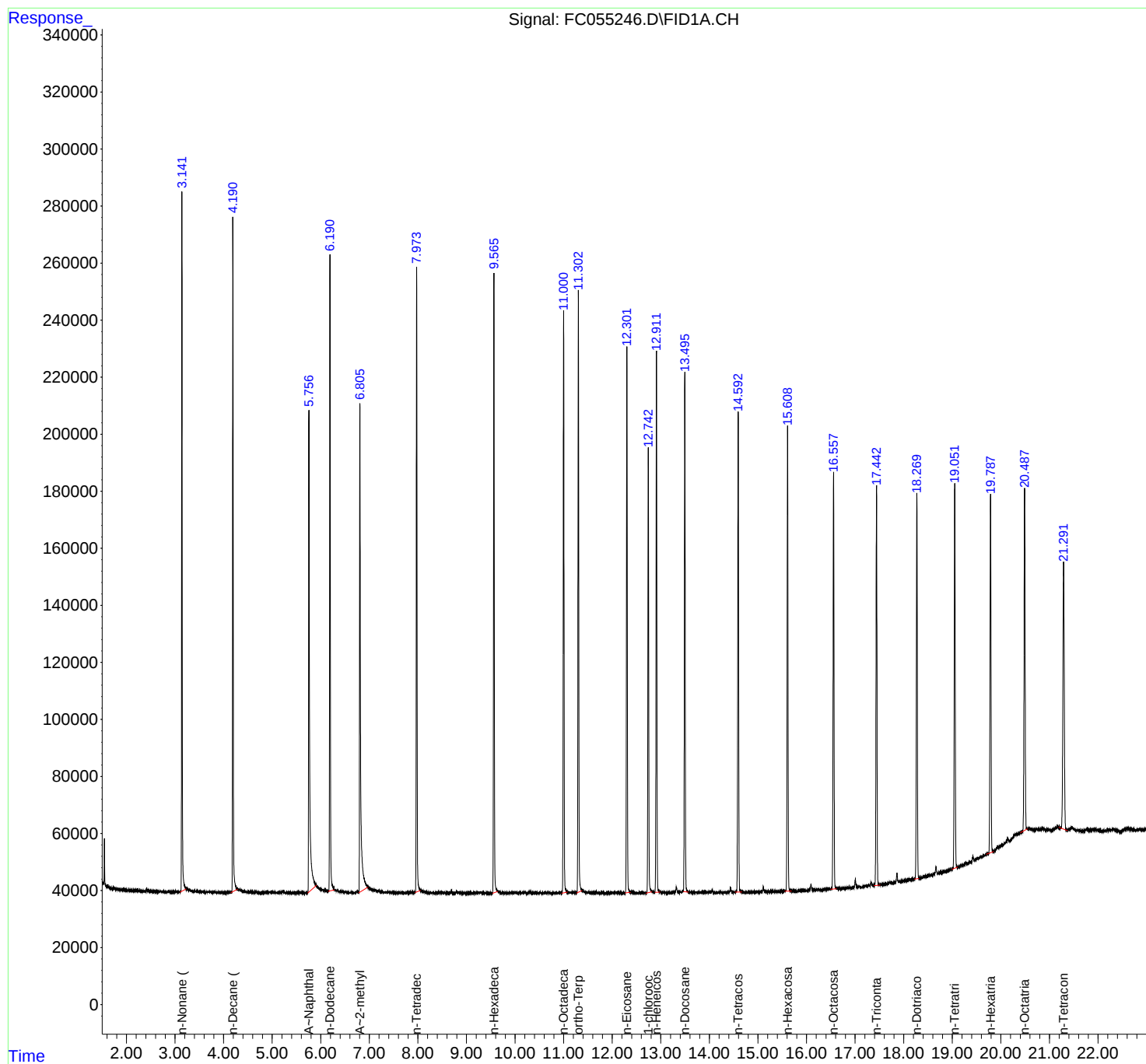
(m)=manual int.

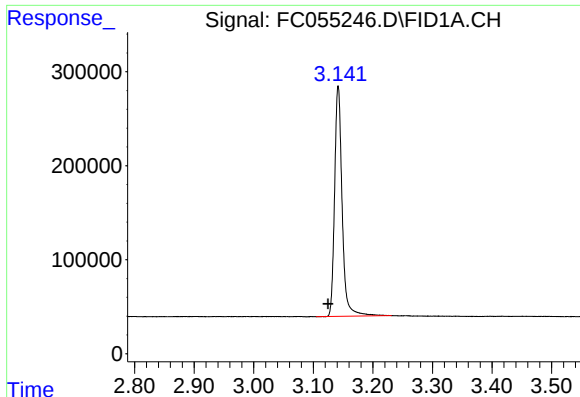
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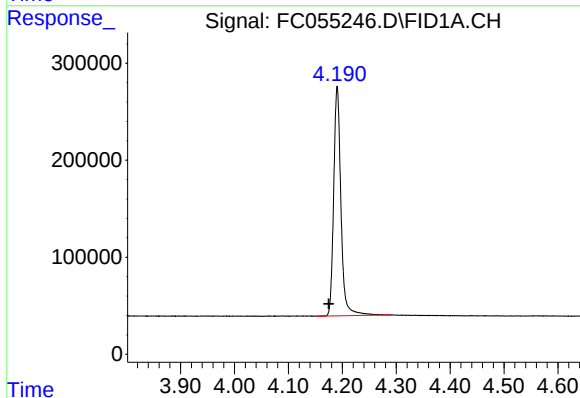




#1 n-Nonane (C9)

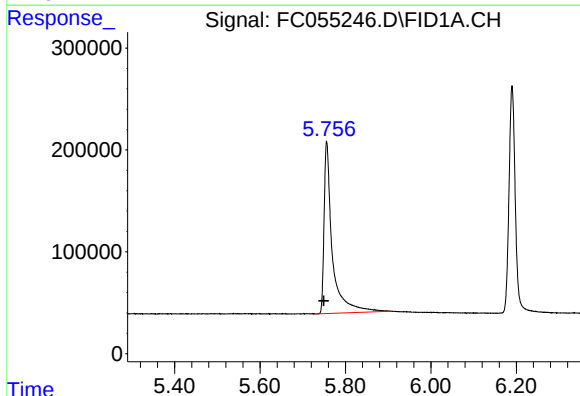
R.T.: 3.142 min
Delta R.T.: 0.017 min
Response: 2160035
Conc: 20.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



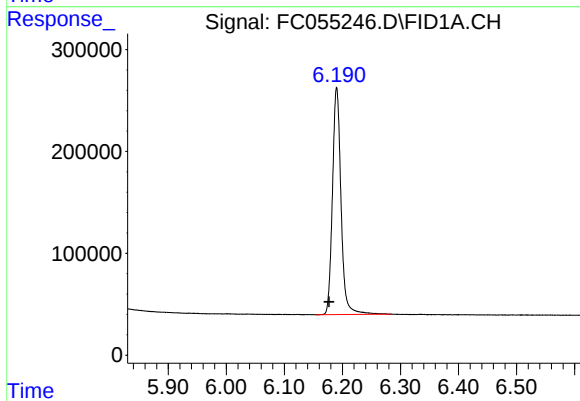
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 2217166
Conc: 21.05 ug/ml



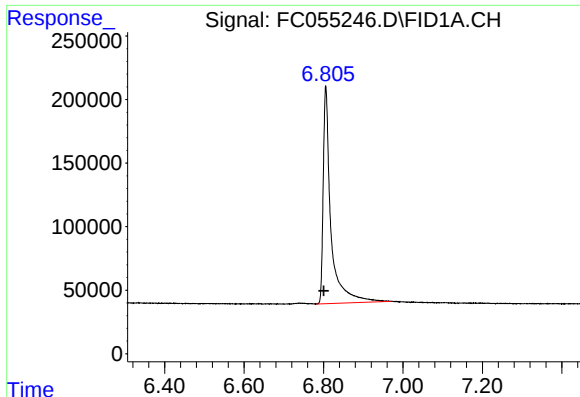
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2268225
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

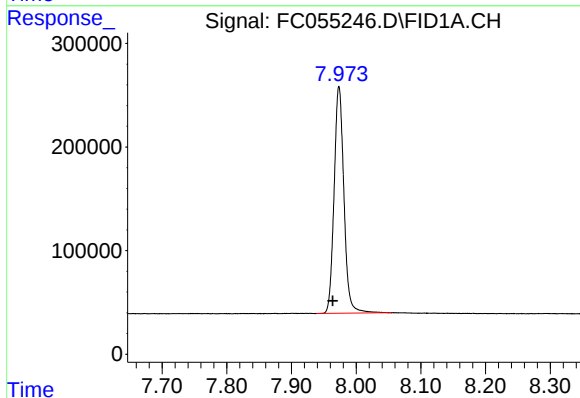
R.T.: 6.190 min
Delta R.T.: 0.013 min
Response: 2290441
Conc: 21.09 ug/ml



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

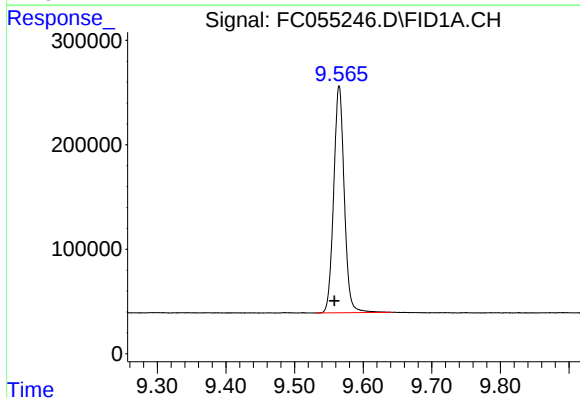
R.T.: 6.806 min
Delta R.T.: 0.006 min
Response: 2322022
Conc: 21.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



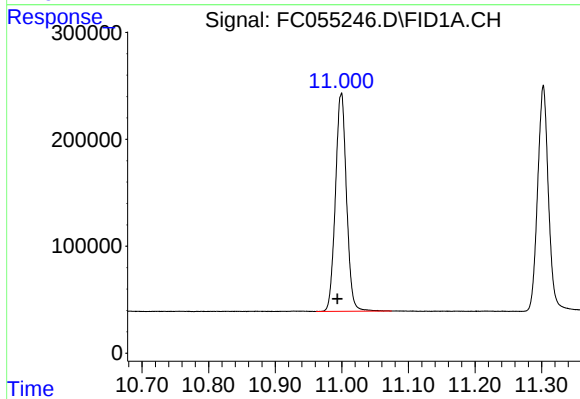
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: 0.010 min
Response: 2313482
Conc: 20.72 ug/ml



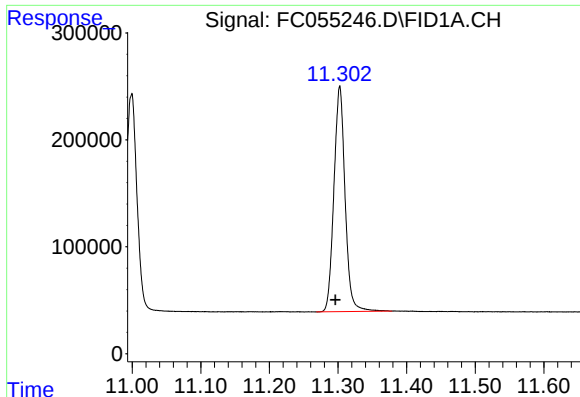
#7 n-Hexadecane (C16)

R.T.: 9.565 min
Delta R.T.: 0.007 min
Response: 2325422
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

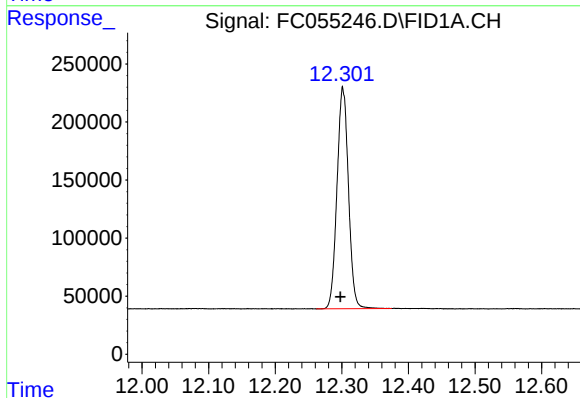
R.T.: 10.999 min
Delta R.T.: 0.005 min
Response: 2353202
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

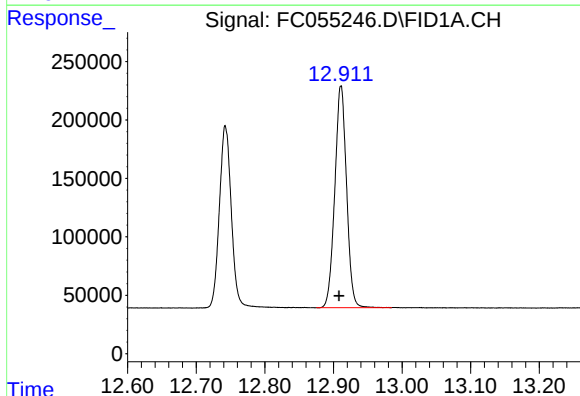
R.T.: 11.302 min
Delta R.T.: 0.006 min
Response: 2378764
Conc: 18.89 ug/ml

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FID_C
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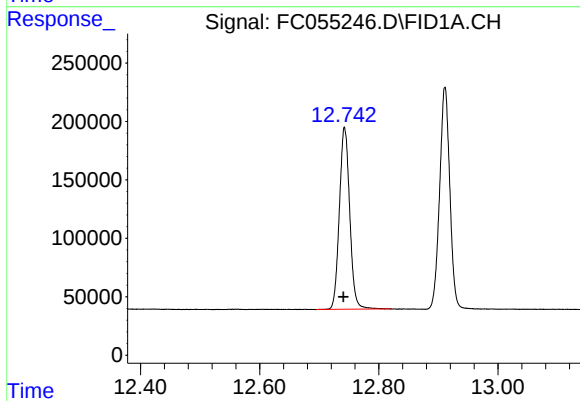
#10 n-Eicosane (C20)

R.T.: 12.302 min
Delta R.T.: 0.004 min
Response: 2275748
Conc: 19.38 ug/ml



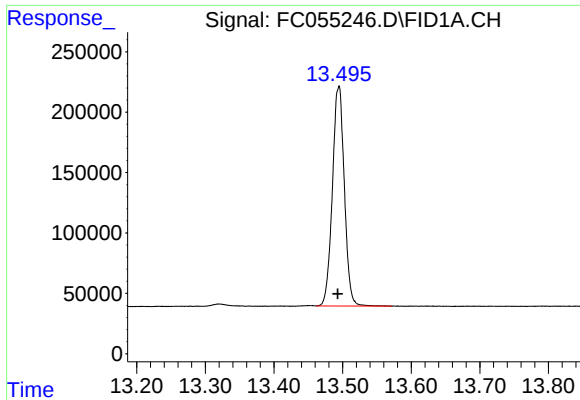
#11 n-Heneicosane (C21)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 2258708
Conc: 19.13 ug/ml



#12 1-chlorooctadecane (SURR)

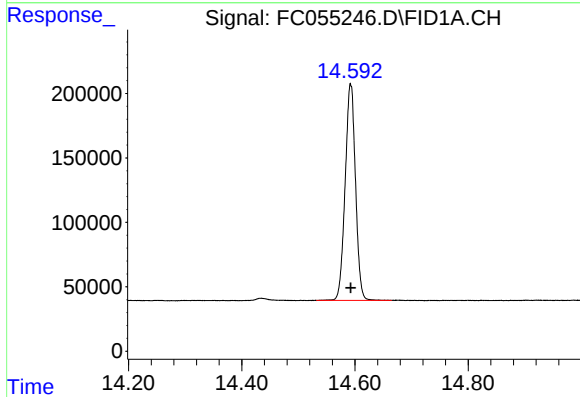
R.T.: 12.743 min
Delta R.T.: 0.002 min
Response: 1879591
Conc: 18.97 ug/ml



#13 n-Docosane (C22)

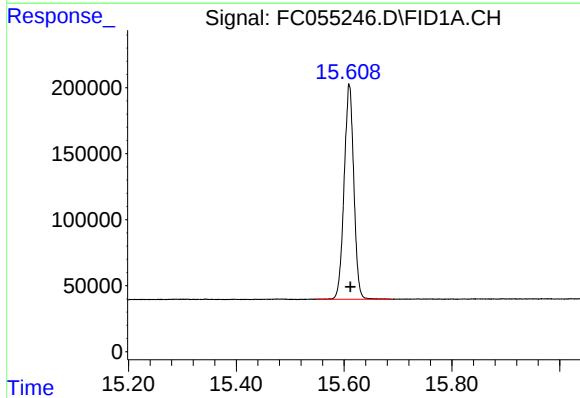
R.T.: 13.494 min
Delta R.T.: 0.001 min
Response: 2199804
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



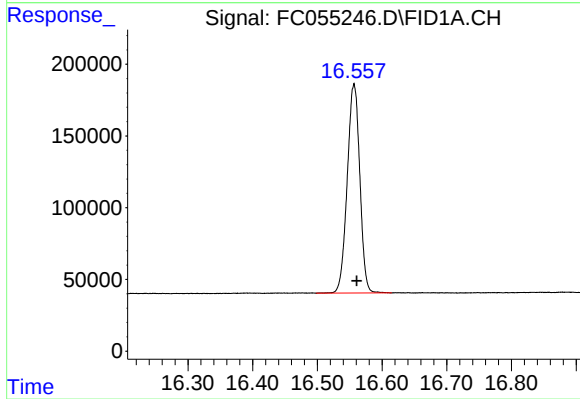
#14 n-Tetracosane (C24)

R.T.: 14.592 min
Delta R.T.: 0.000 min
Response: 2132403
Conc: 18.42 ug/ml



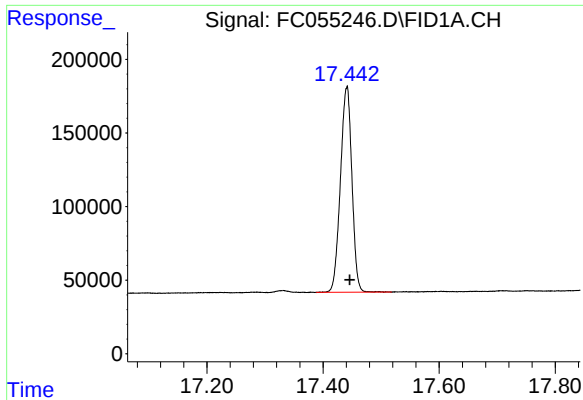
#15 n-Hexacosane (C26)

R.T.: 15.610 min
Delta R.T.: -0.002 min
Response: 2028427
Conc: 18.10 ug/ml



#16 n-Octacosane (C28)

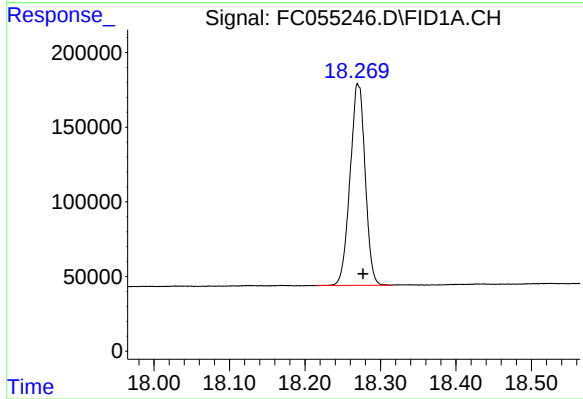
R.T.: 16.557 min
Delta R.T.: -0.004 min
Response: 1969259
Conc: 18.14 ug/ml



#17 n-Tricontane (C30)

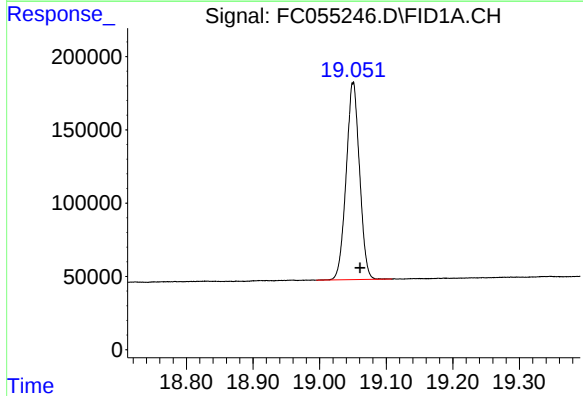
R.T.: 17.441 min
Delta R.T.: -0.005 min
Response: 1920224
Conc: 18.39 ug/ml

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20 PPM ALIPHATIC HC STD



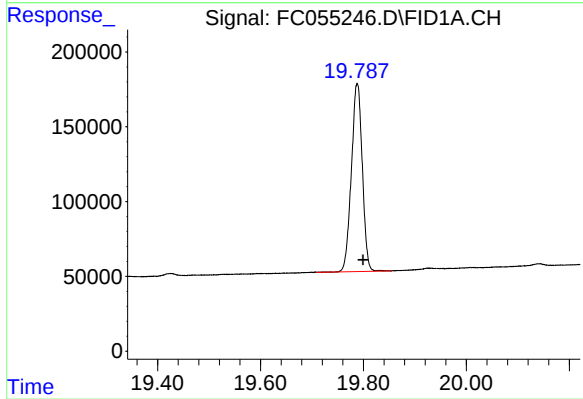
#18 n-Dotriacontane (C32)

R.T.: 18.271 min
Delta R.T.: -0.007 min
Response: 1869742
Conc: 18.88 ug/ml



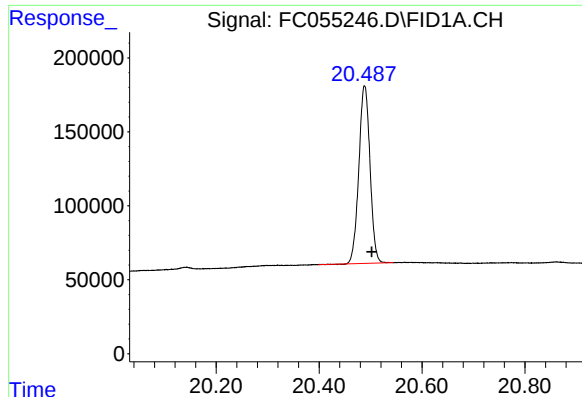
#19 n-Tetratriacontane (C34)

R.T.: 19.050 min
Delta R.T.: -0.010 min
Response: 1878158
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

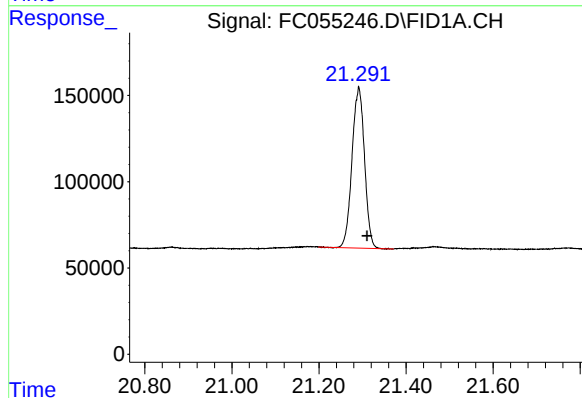
R.T.: 19.788 min
Delta R.T.: -0.012 min
Response: 1845537
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.488 min
Delta R.T.: -0.014 min
Response: 1805567
Conc: 20.90 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.291 min
Delta R.T.: -0.019 min
Response: 1854281
Conc: 20.82 ug/ml