

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081221AL\
 Data File : FC055157.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 12:30
 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 13 01:40:07 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)	11.306	2321970	18.443 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	12.747	1812550	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.140	2123870	20.311 ug/ml
2) T n-Decane (C10)	4.191	2191321	20.809 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2272926	20.918 ug/ml
4) T n-Dodecane (C12)	6.192	2247391	20.696 ug/ml
5) T A~2-methylnaphthalene...	6.807	2269673	20.796 ug/ml
6) T n-Tetradecane (C14)	7.976	2282457	20.445 ug/ml
7) T n-Hexadecane (C16)	9.568	2286152	20.045 ug/ml
8) T n-Octadecane (C18)	11.003	2290134	19.421 ug/ml
10) T n-Eicosane (C20)	12.306	2201699	18.753 ug/ml
11) T n-Heneicosane (C21)	12.915	2183932	18.496 ug/ml
13) T n-Docosane (C22)	13.499	2151566	18.422 ug/ml
14) T n-Tetracosane (C24)	14.598	2056854	17.770 ug/ml
15) T n-Hexacosane (C26)	15.614	1949995	17.400 ug/ml
16) T n-Octacosane (C28)	16.561	1892644	17.432 ug/ml
17) T n-Tricontane (C30)	17.445	1867820	17.889 ug/ml
18) T n-Dotriacontane (C32)	18.275	1806798	18.244 ug/ml
19) T n-Tetratriacontane (C34)	19.057	1799396	18.985 ug/ml
20) T n-Hexatriacontane (C36)	19.794	1707589	18.897 ug/ml
21) T n-Octatriacontane (C38)	20.494	1653124	19.133 ug/ml
22) T n-Tetracontane (C40)	21.299	1662461	18.668 ug/ml

(f)=RT Delta > 1/2 Window

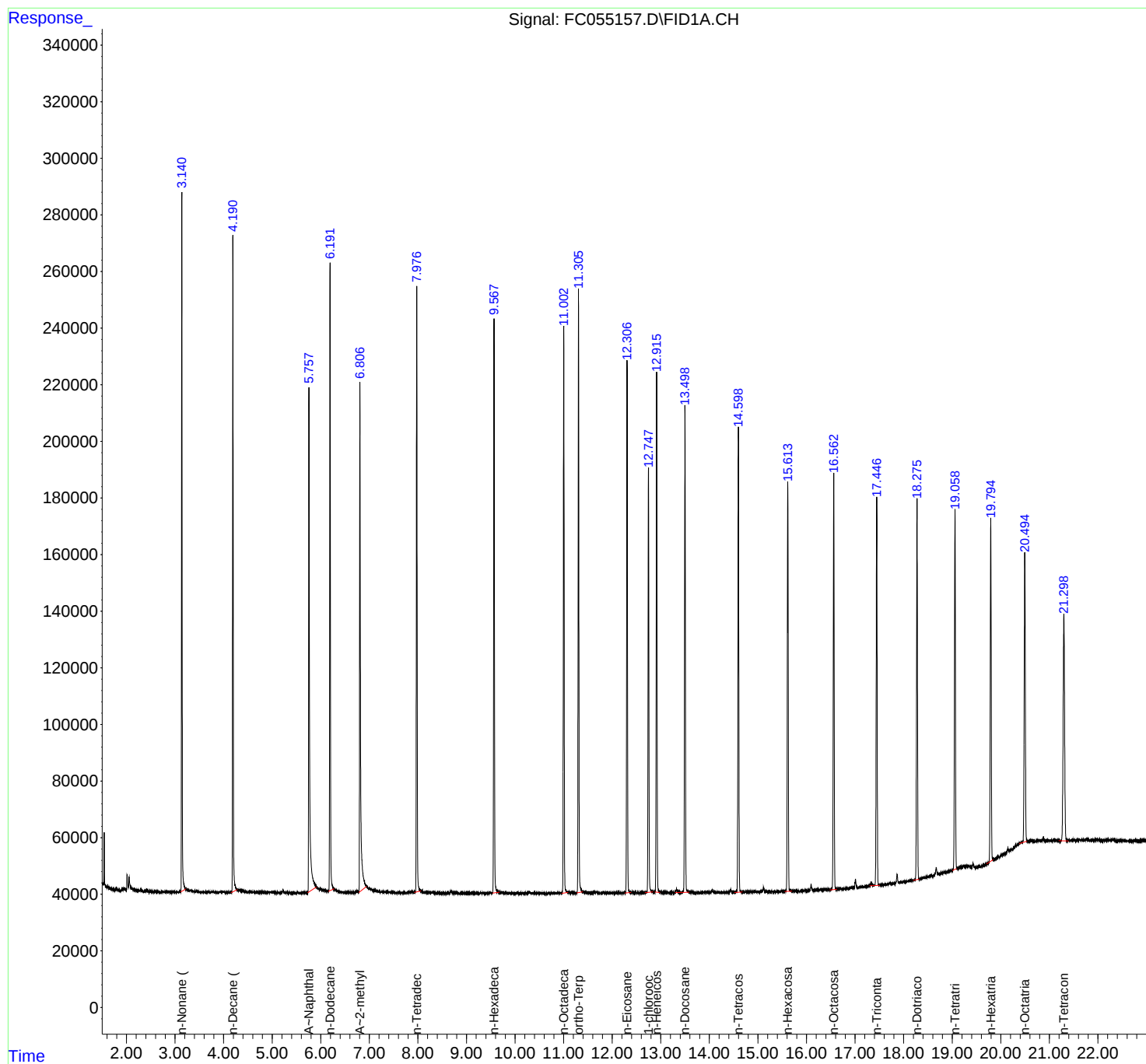
(m)=manual int.

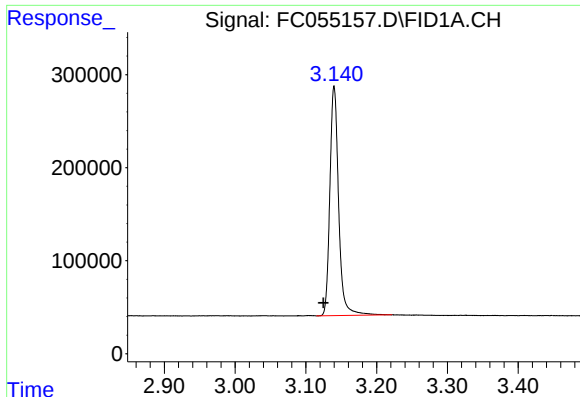
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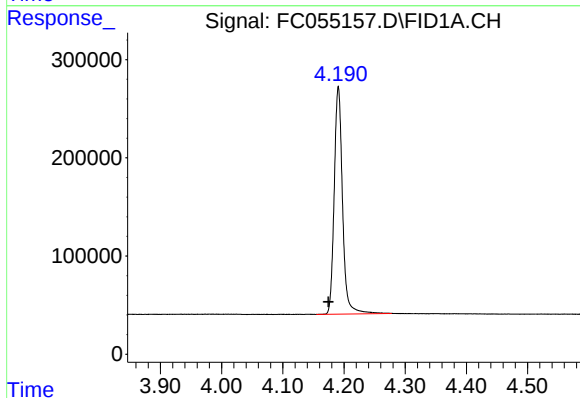




#1 n-Nonane (C9)

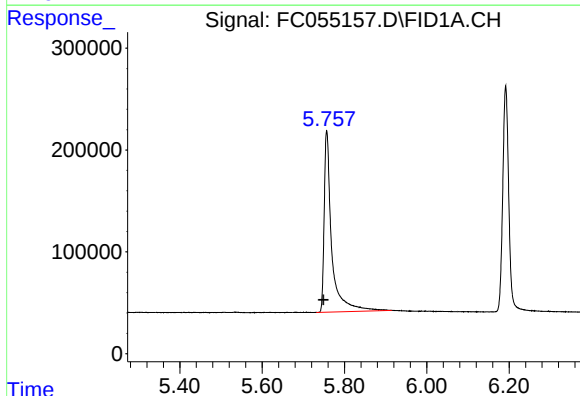
R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2123870
Conc: 20.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



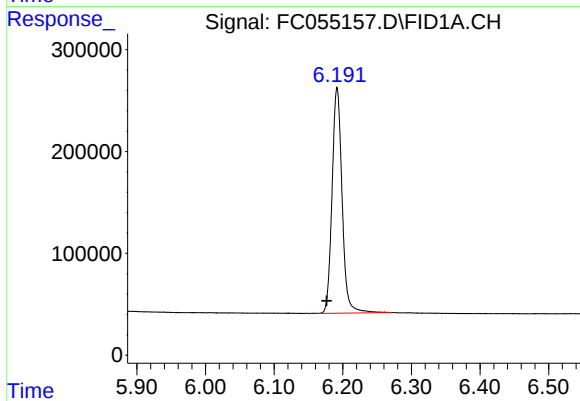
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 2191321
Conc: 20.81 ug/ml



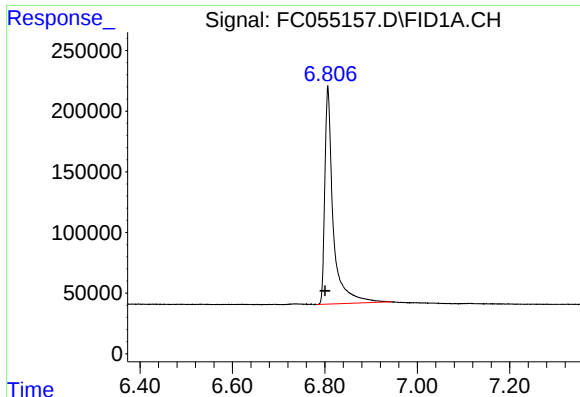
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.009 min
Response: 2272926
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

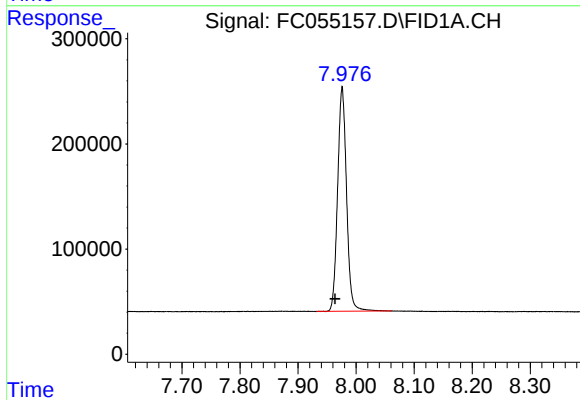
R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 2247391
Conc: 20.70 ug/ml



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

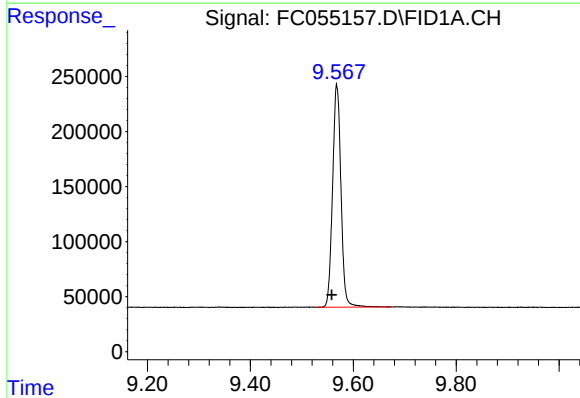
R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 2269673
Conc: 20.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



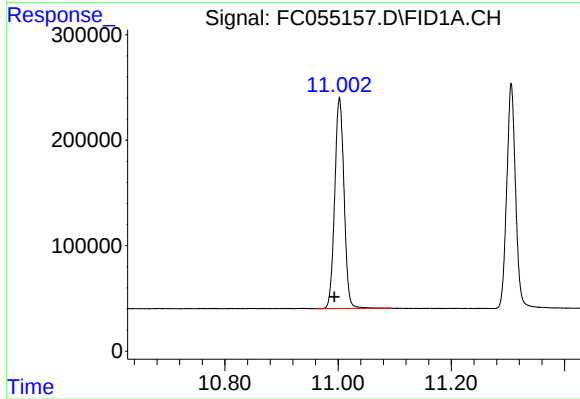
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2282457
Conc: 20.45 ug/ml



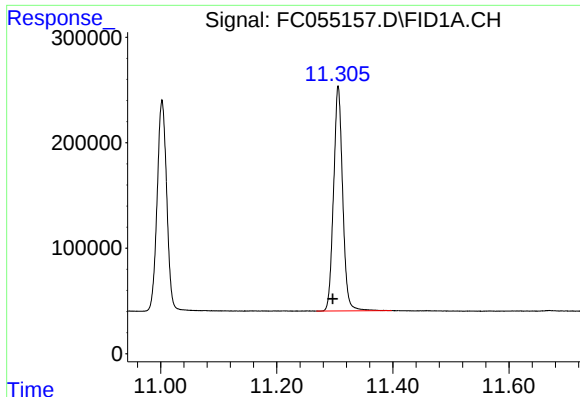
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2286152
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

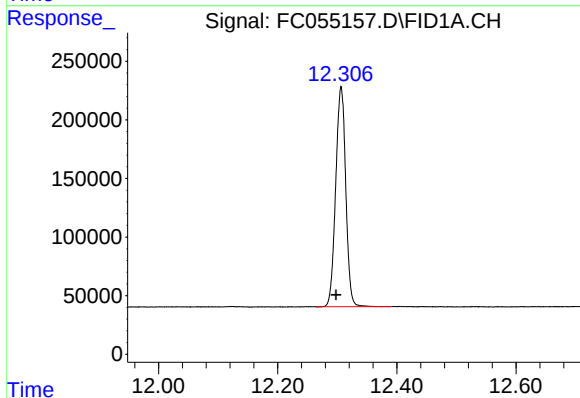
R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 2290134
Conc: 19.42 ug/ml



#9 ortho-Terphenyl (SURR)

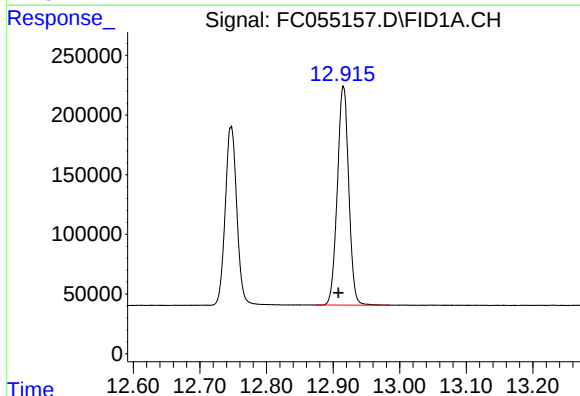
R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 2321970
Conc: 18.44 ug/ml

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FID_C
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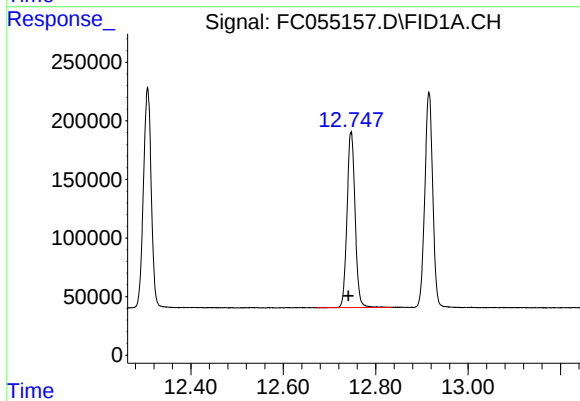
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 2201699
Conc: 18.75 ug/ml



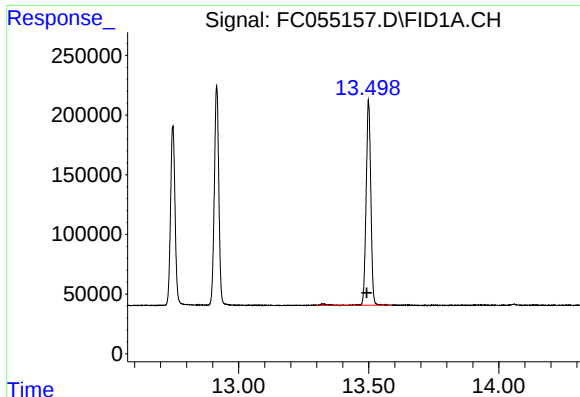
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 2183932
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

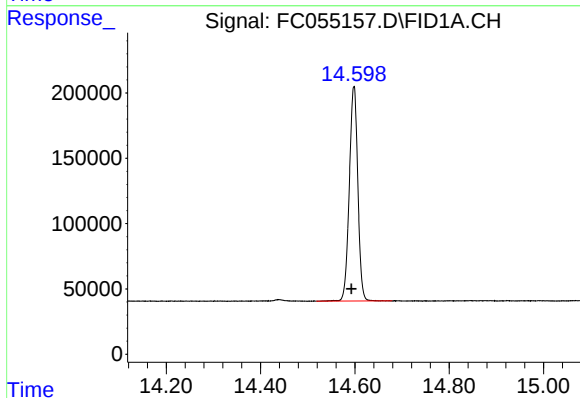
R.T.: 12.747 min
Delta R.T.: 0.006 min
Response: 1812550
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

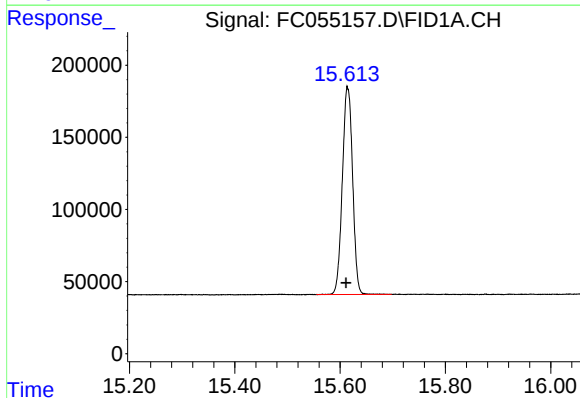
R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 2151566
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



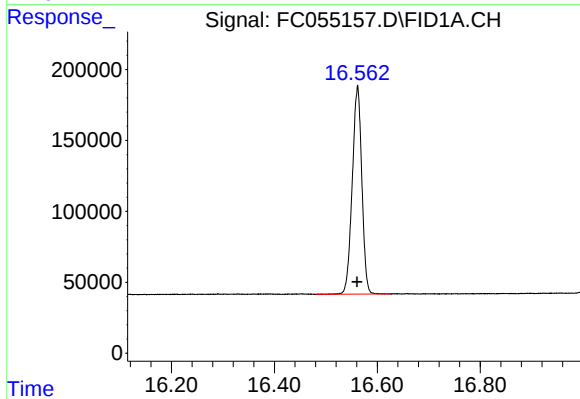
#14 n-Tetracosane (C24)

R.T.: 14.598 min
Delta R.T.: 0.005 min
Response: 2056854
Conc: 17.77 ug/ml



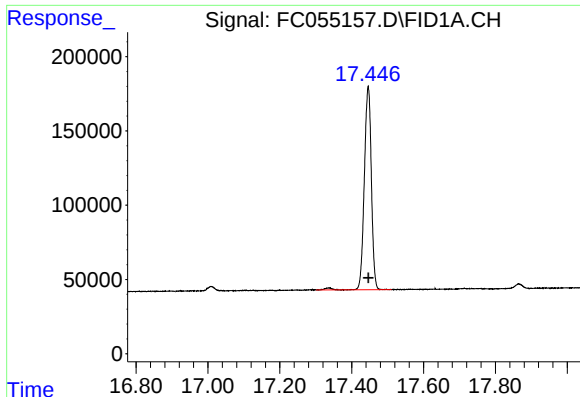
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: 0.003 min
Response: 1949995
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

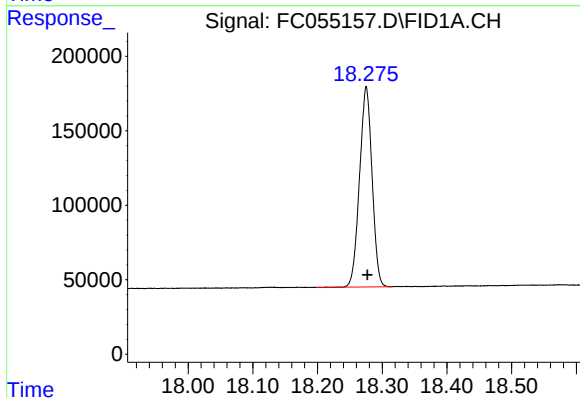
R.T.: 16.561 min
Delta R.T.: 0.000 min
Response: 1892644
Conc: 17.43 ug/ml



#17 n-Tricontane (C30)

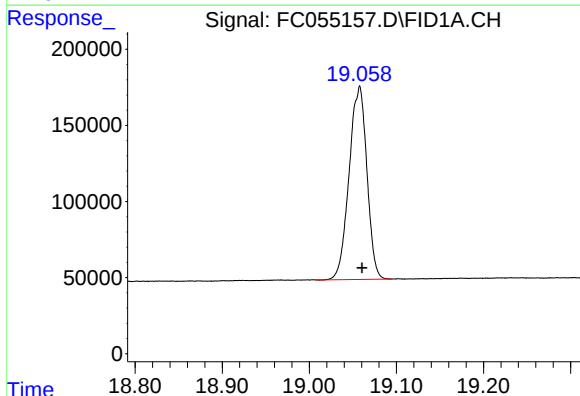
R.T.: 17.445 min
Delta R.T.: 0.000 min
Response: 1867820
Conc: 17.89 ug/ml

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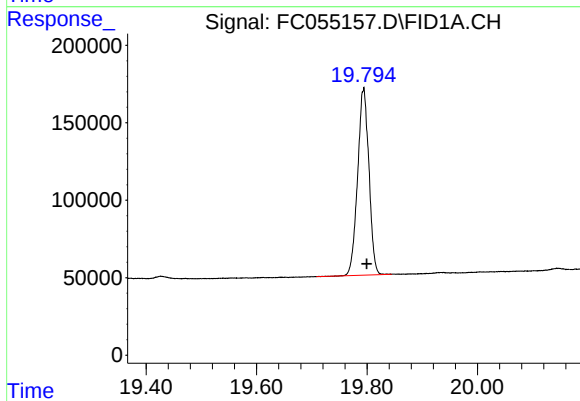
#18 n-Dotriacontane (C32)

R.T.: 18.275 min
Delta R.T.: -0.002 min
Response: 1806798
Conc: 18.24 ug/ml



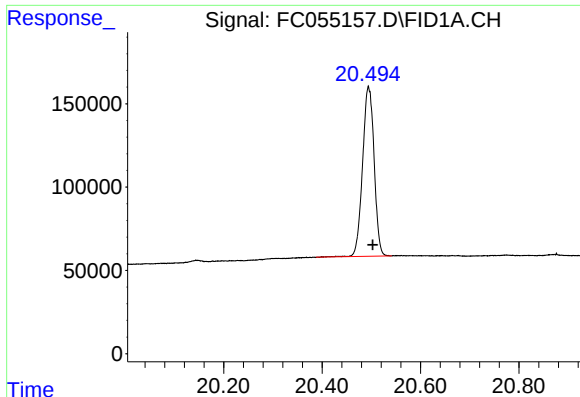
#19 n-Tetratriacontane (C34)

R.T.: 19.057 min
Delta R.T.: -0.004 min
Response: 1799396
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

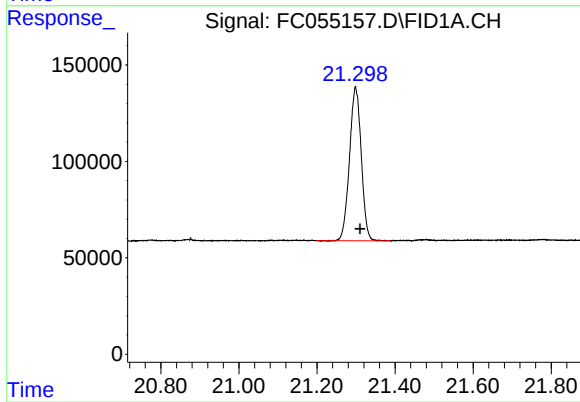
R.T.: 19.794 min
Delta R.T.: -0.006 min
Response: 1707589
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: -0.008 min
Response: 1653124
Conc: 19.13 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.299 min
Delta R.T.: -0.011 min
Response: 1662461
Conc: 18.67 ug/ml