

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080521AL\
 Data File : FC055026.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2021 14:45
 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 05 22:51:41 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	2522533	20.036 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
12) S 1-chlorooctadecane (S...	12.748	1970739	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.140	2241951	21.440 ug/ml
2) T n-Decane (C10)	4.189	2292460	21.769 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2416868	22.243 ug/ml
4) T n-Dodecane (C12)	6.191	2370885	21.833 ug/ml
5) T A~2-methylnaphthalene...	6.805	2454808	22.492 ug/ml
6) T n-Tetradecane (C14)	7.976	2410561	21.593 ug/ml
7) T n-Hexadecane (C16)	9.569	2417807	21.199 ug/ml
8) T n-Octadecane (C18)	11.004	2435084	20.650 ug/ml
10) T n-Eicosane (C20)	12.307	2363871	20.135 ug/ml
11) T n-Heneicosane (C21)	12.916	2354222	19.938 ug/ml
13) T n-Docosane (C22)	13.500	2317689	19.844 ug/ml
14) T n-Tetracosane (C24)	14.599	2248338	19.424 ug/ml
15) T n-Hexacosane (C26)	15.617	2132713	19.030 ug/ml
16) T n-Octacosane (C28)	16.564	2066887	19.037 ug/ml
17) T n-Tricontane (C30)	17.448	2007104	19.223 ug/ml
18) T n-Dotriacontane (C32)	18.277	1945110	19.641 ug/ml
19) T n-Tetratriacontane (C34)	19.060	1909683	20.149 ug/ml
20) T n-Hexatriacontane (C36)	19.797	1863952	20.627 ug/ml
21) T n-Octatriacontane (C38)	20.500	1846414	21.370 ug/ml
22) T n-Tetracontane (C40)	21.307	1863858	20.929 ug/ml

(f)=RT Delta > 1/2 Window

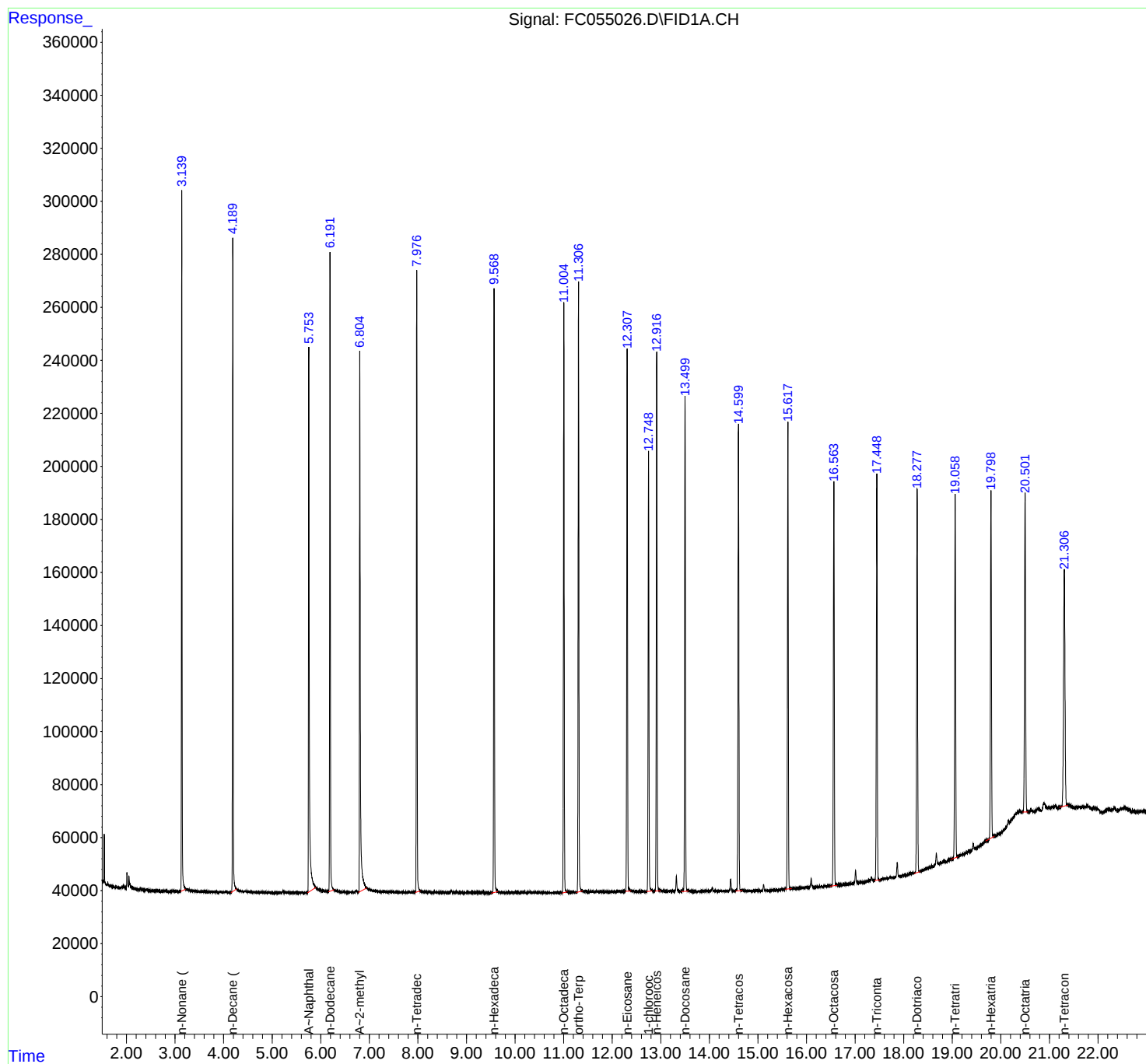
(m)=manual int.

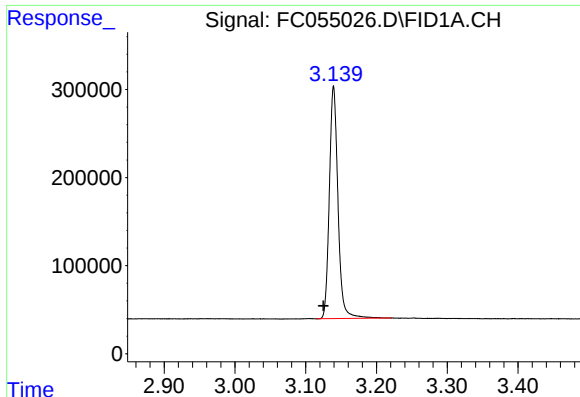
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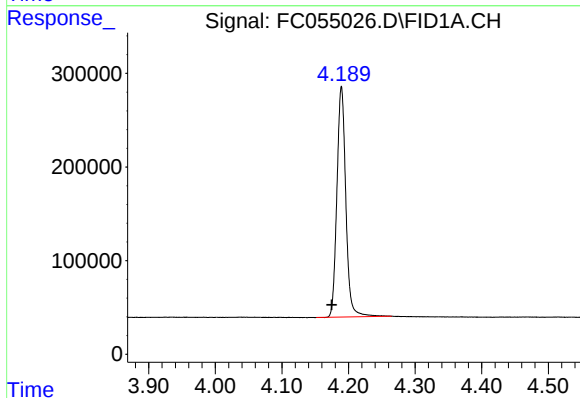




#1 n-Nonane (C9)

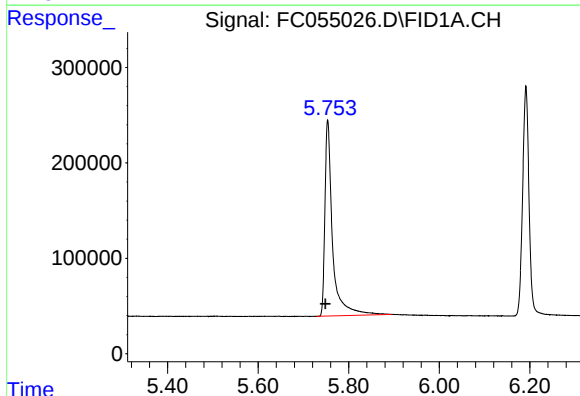
R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2241951
Conc: 21.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



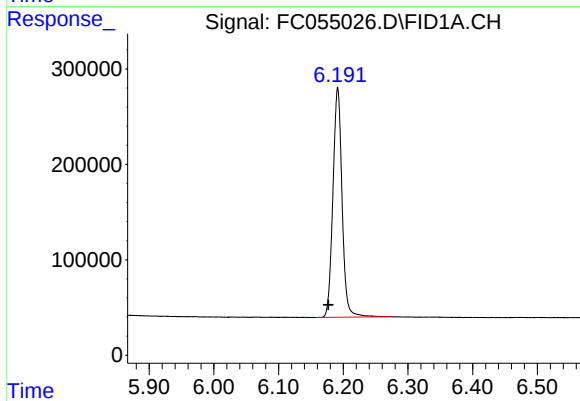
#2 n-Decane (C10)

R.T.: 4.189 min
Delta R.T.: 0.015 min
Response: 2292460
Conc: 21.77 ug/ml



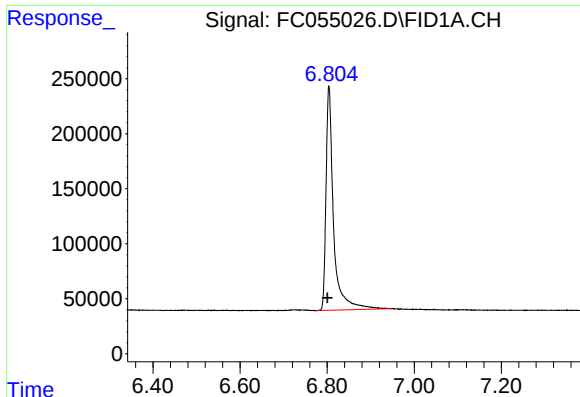
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 2416868
Conc: 22.24 ug/ml



#4 n-Dodecane (C12)

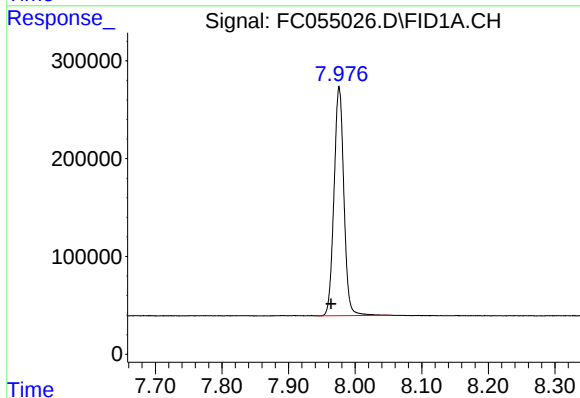
R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 2370885
Conc: 21.83 ug/ml



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

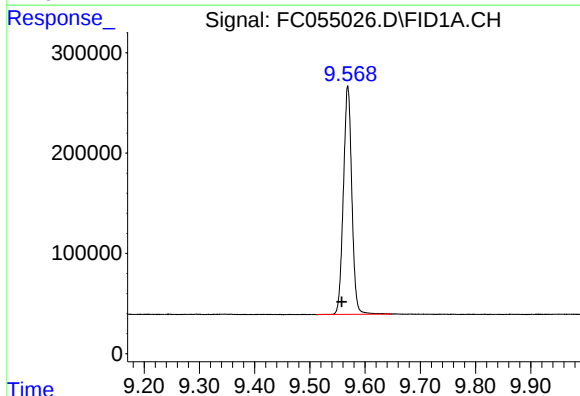
R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 2454808
Conc: 22.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



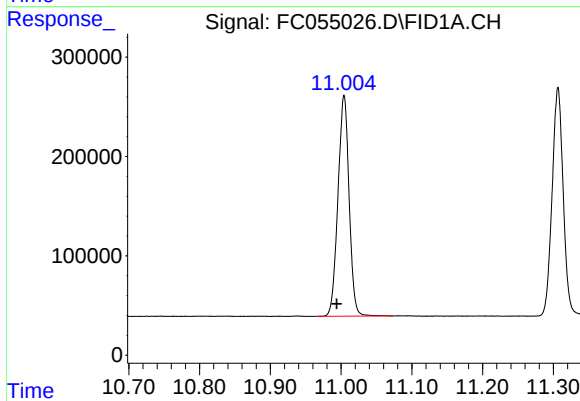
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2410561
Conc: 21.59 ug/ml



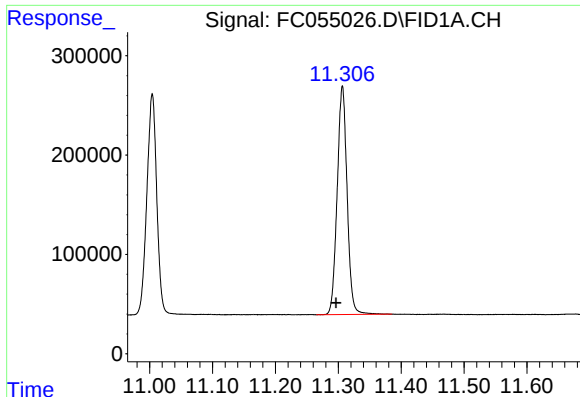
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: 0.011 min
Response: 2417807
Conc: 21.20 ug/ml



#8 n-Octadecane (C18)

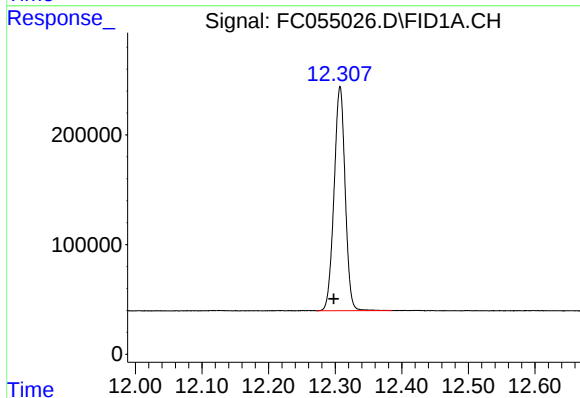
R.T.: 11.004 min
Delta R.T.: 0.010 min
Response: 2435084
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

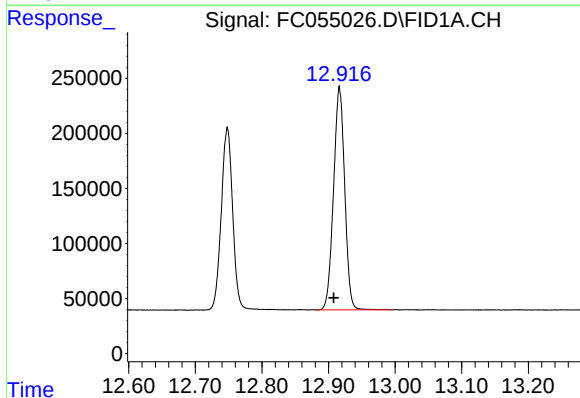
R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 2522533
Conc: 20.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



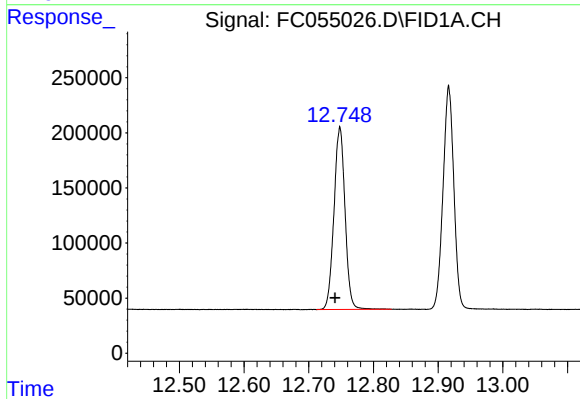
#10 n-Eicosane (C20)

R.T.: 12.307 min
Delta R.T.: 0.009 min
Response: 2363871
Conc: 20.13 ug/ml



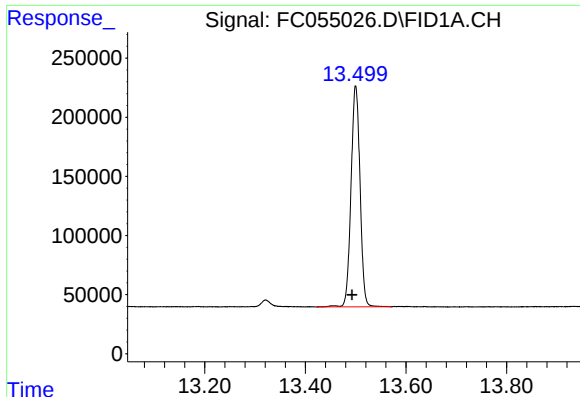
#11 n-Heneicosane (C21)

R.T.: 12.916 min
Delta R.T.: 0.008 min
Response: 2354222
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

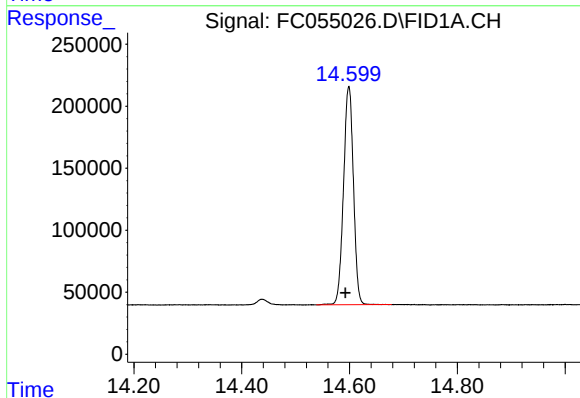
R.T.: 12.748 min
Delta R.T.: 0.007 min
Response: 1970739
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

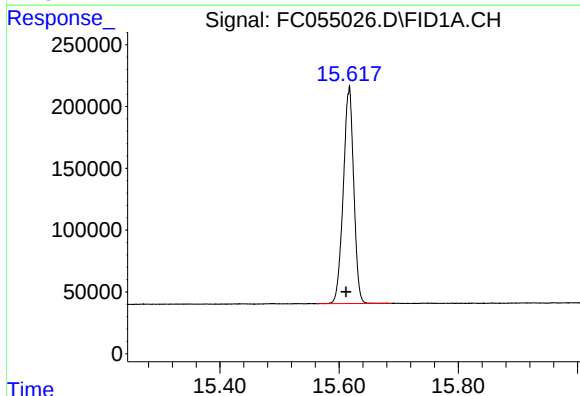
R.T.: 13.500 min
Delta R.T.: 0.007 min
Response: 2317689
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



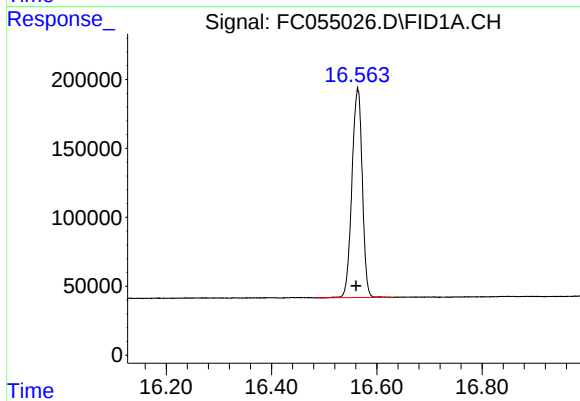
#14 n-Tetracosane (C24)

R.T.: 14.599 min
Delta R.T.: 0.006 min
Response: 2248338
Conc: 19.42 ug/ml



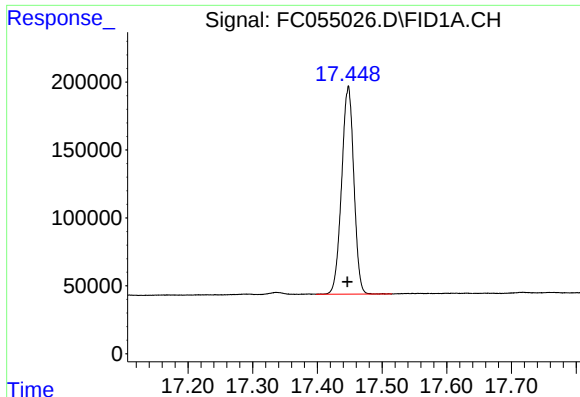
#15 n-Hexacosane (C26)

R.T.: 15.617 min
Delta R.T.: 0.005 min
Response: 2132713
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

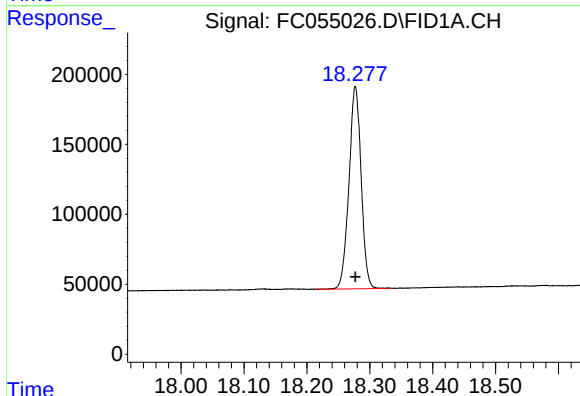
R.T.: 16.564 min
Delta R.T.: 0.003 min
Response: 2066887
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

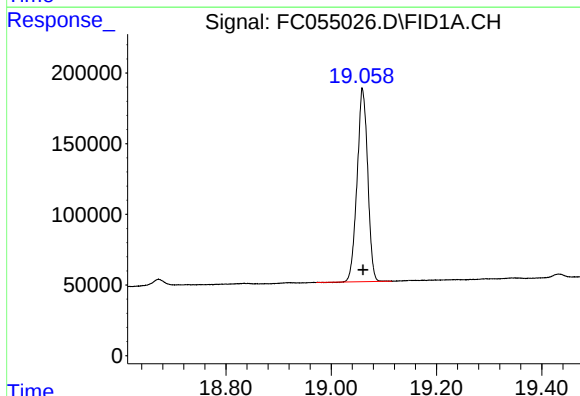
R.T.: 17.448 min
Delta R.T.: 0.001 min
Response: 2007104
Conc: 19.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



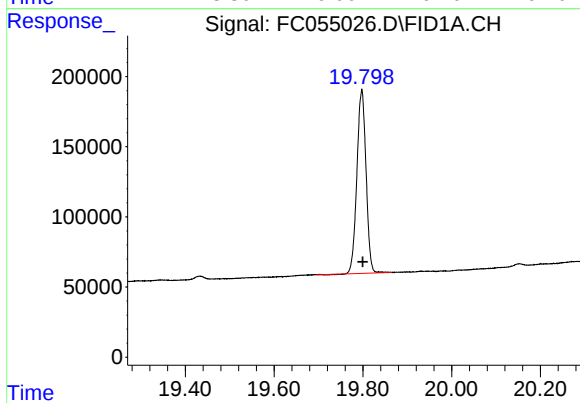
#18 n-Dotriacontane (C32)

R.T.: 18.277 min
Delta R.T.: 0.000 min
Response: 1945110
Conc: 19.64 ug/ml



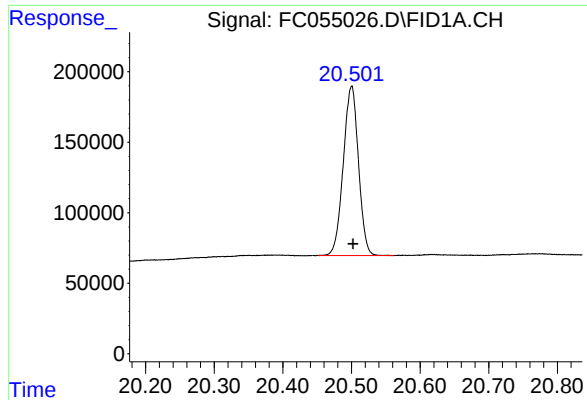
#19 n-Tetratriacontane (C34)

R.T.: 19.060 min
Delta R.T.: 0.000 min
Response: 1909683
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

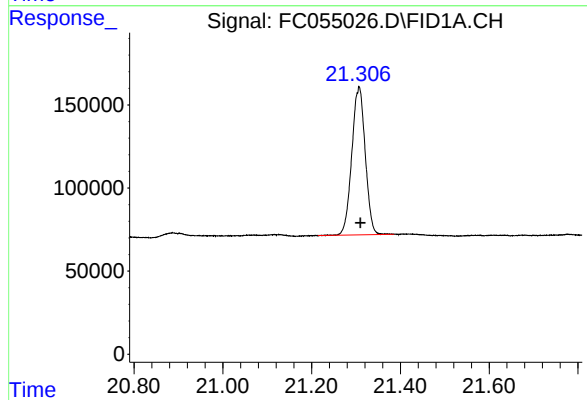
R.T.: 19.797 min
Delta R.T.: -0.002 min
Response: 1863952
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.500 min
Delta R.T.: -0.003 min
Response: 1846414
Conc: 21.37 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.307 min
Delta R.T.: -0.003 min
Response: 1863858
Conc: 20.93 ug/ml