

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120120AL\
 Data File : FC051039.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2020 12:43
 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: Dec 02 00:56:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 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)	11.602	2316829	18.829 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	13.036	1786689	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.351	2272035	21.350 ug/ml
2) T n-Decane (C10)	4.420	2288549	21.548 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2383913	21.205 ug/ml
4) T n-Dodecane (C12)	6.441	2327590	21.392 ug/ml
5) T A~2-methylnaphthalene...	7.073	2384513	21.099 ug/ml
6) T n-Tetradecane (C14)	8.237	2289090	21.156 ug/ml
7) T n-Hexadecane (C16)	9.838	2199308	20.494 ug/ml
8) T n-Octadecane (C18)	11.281	2235504	19.600 ug/ml
10) T n-Eicosane (C20)	12.590	2180670	18.771 ug/ml
11) T n-Heneicosane (C21)	13.202	2135616	18.432 ug/ml
13) T n-Docosane (C22)	13.788	2133294	18.419 ug/ml
14) T n-Tetracosane (C24)	14.891	2072275	18.018 ug/ml
15) T n-Hexacosane (C26)	15.911	2053881	18.241 ug/ml
16) T n-Octacosane (C28)	16.860	2063371	18.635 ug/ml
17) T n-Tricontane (C30)	17.747	2042293	19.226 ug/ml
18) T n-Dotriacontane (C32)	18.578	1931040	19.763 ug/ml
19) T n-Tetratriacontane (C34)	19.359	1839424	20.610 ug/ml
20) T n-Hexatriacontane (C36)	20.098	1792044	21.486 ug/ml
21) T n-Octatriacontane (C38)	20.839	1677638	21.543 ug/ml
22) T n-Tetracontane (C40)	21.761	1822561	22.012 ug/ml

(f)=RT Delta > 1/2 Window

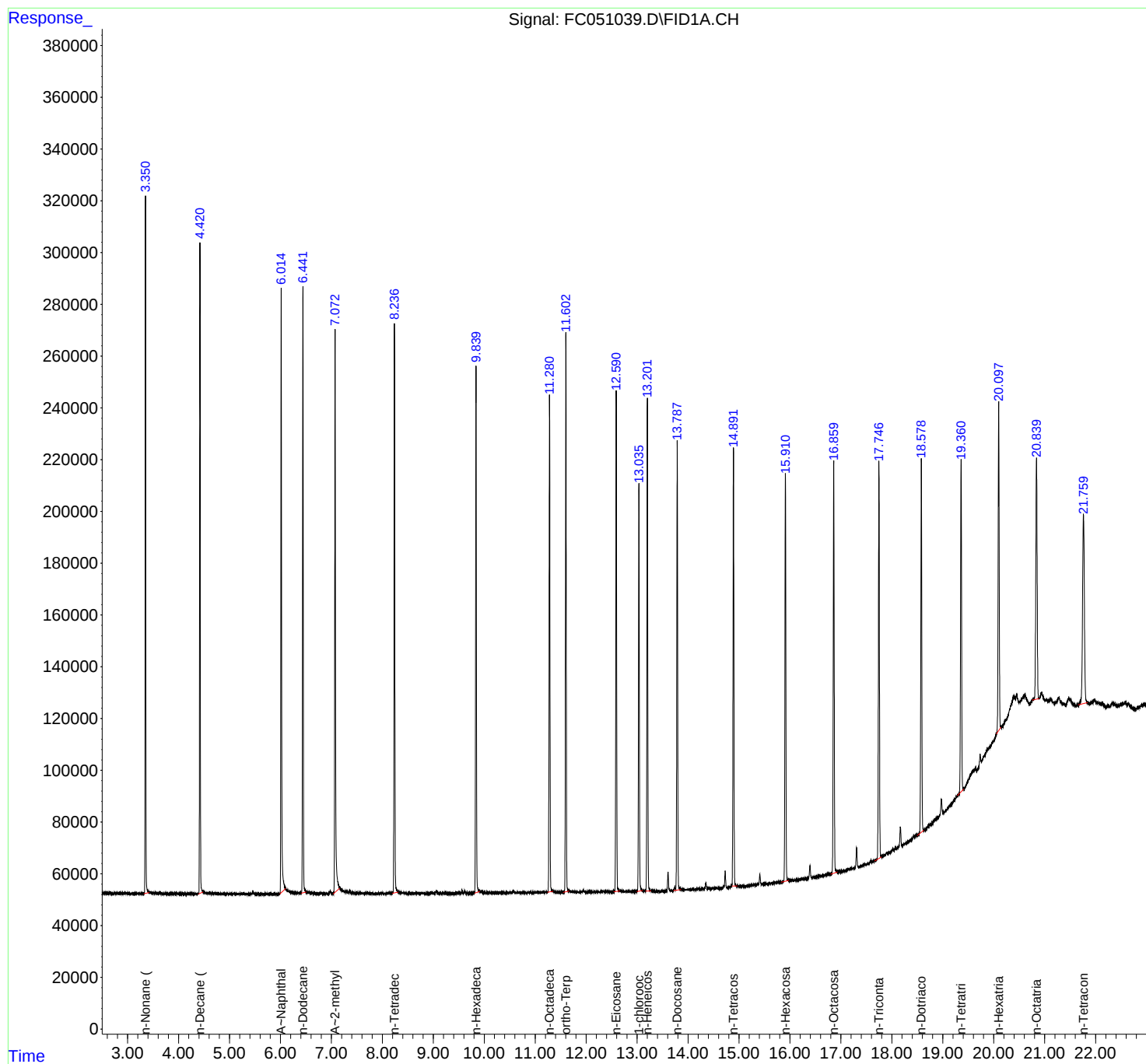
(m)=manual int.

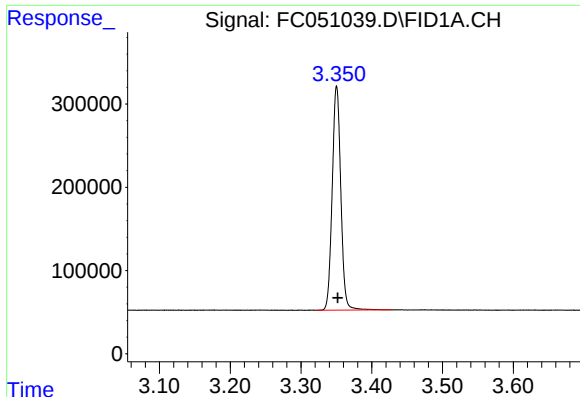
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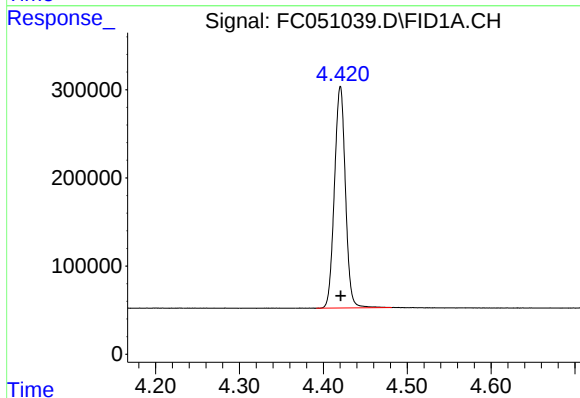




#1 n-Nonane (C9)

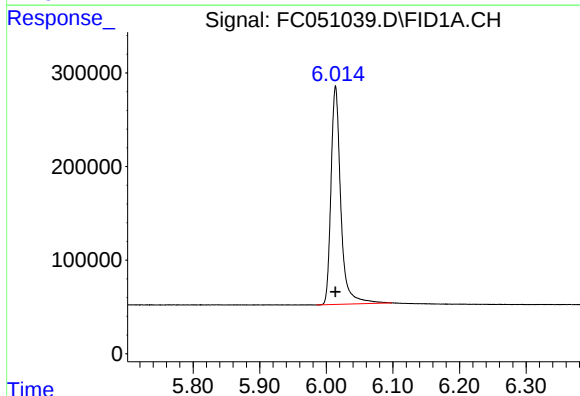
R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 2272035
Conc: 21.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



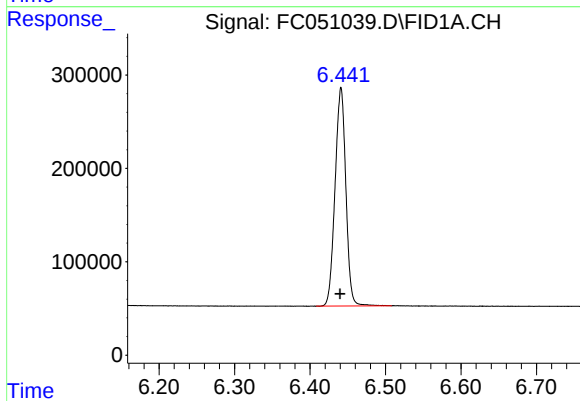
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 2288549
Conc: 21.55 ug/ml



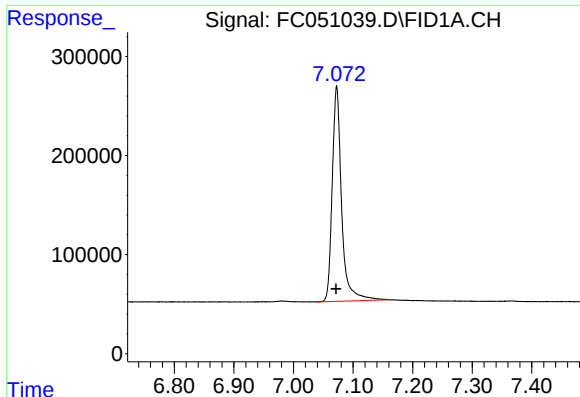
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 2383913
Conc: 21.20 ug/ml



#4 n-Dodecane (C12)

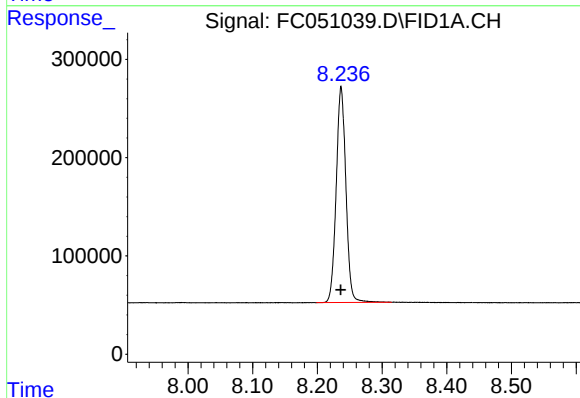
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 2327590
Conc: 21.39 ug/ml



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

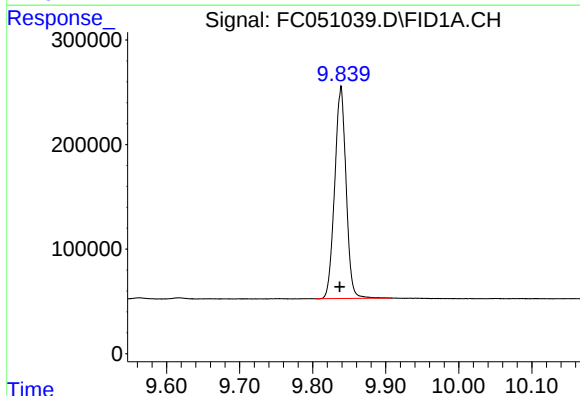
R.T.: 7.073 min
Delta R.T.: 0.001 min
Response: 2384513
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



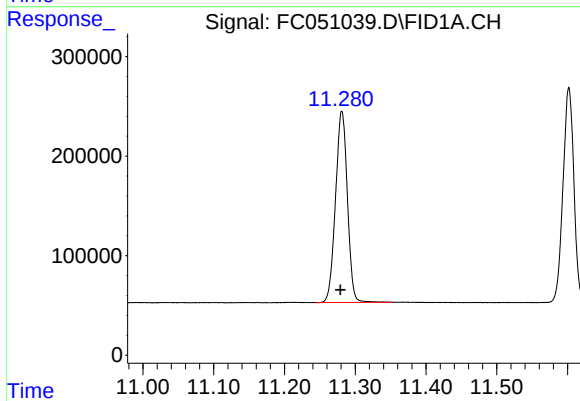
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 2289090
Conc: 21.16 ug/ml



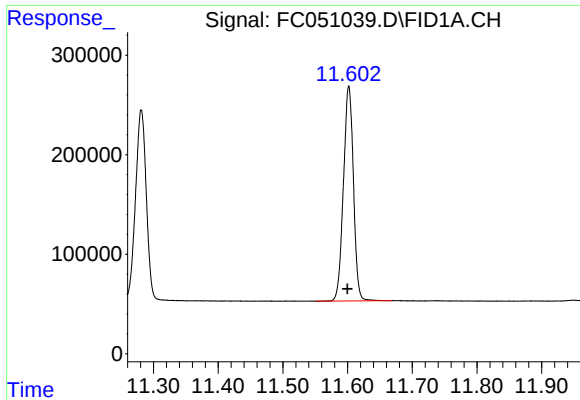
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.001 min
Response: 2199308
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

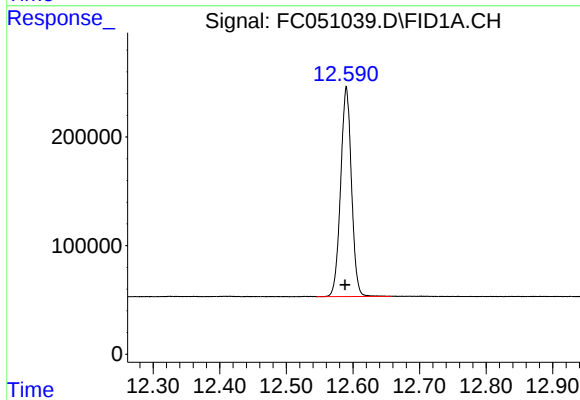
R.T.: 11.281 min
Delta R.T.: 0.002 min
Response: 2235504
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

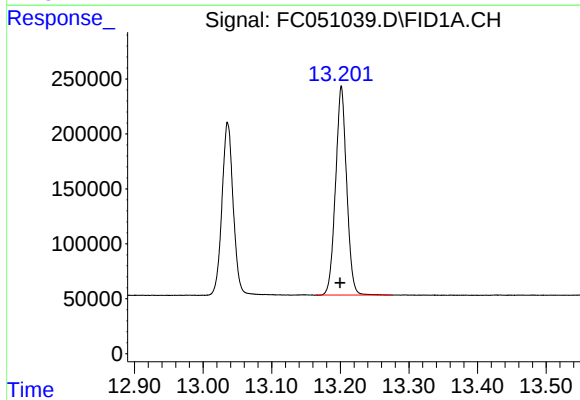
R.T.: 11.602 min
Delta R.T.: 0.002 min
Response: 2316829
Conc: 18.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



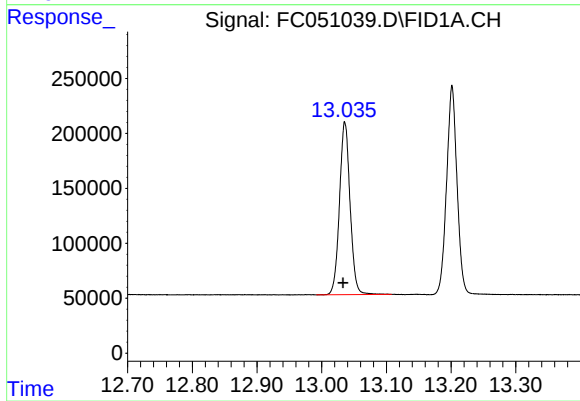
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: 0.002 min
Response: 2180670
Conc: 18.77 ug/ml



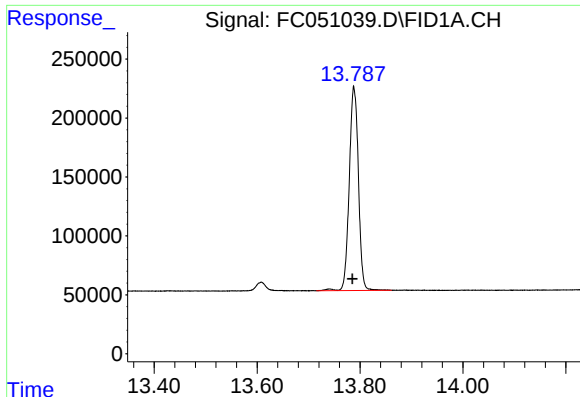
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: 0.002 min
Response: 2135616
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

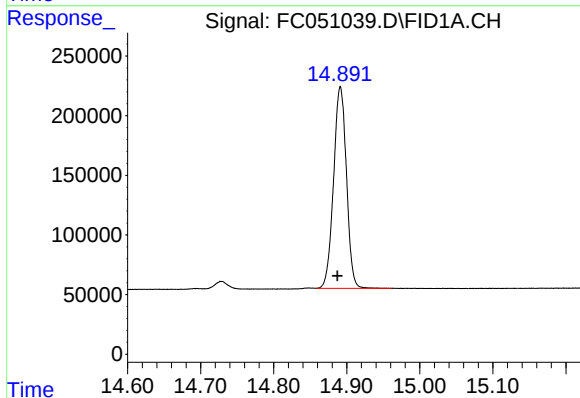
R.T.: 13.036 min
Delta R.T.: 0.003 min
Response: 1786689
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

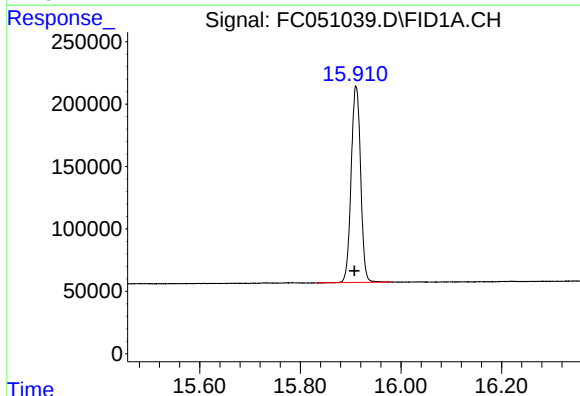
R.T.: 13.788 min
Delta R.T.: 0.003 min
Response: 2133294
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



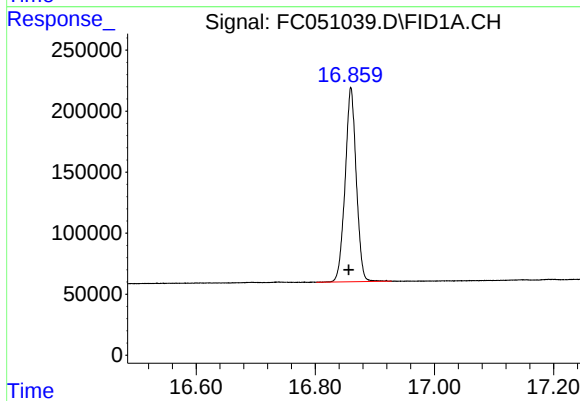
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: 0.004 min
Response: 2072275
Conc: 18.02 ug/ml



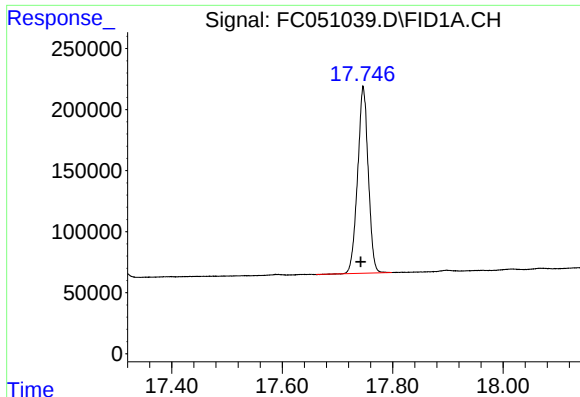
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: 0.004 min
Response: 2053881
Conc: 18.24 ug/ml



#16 n-Octacosane (C28)

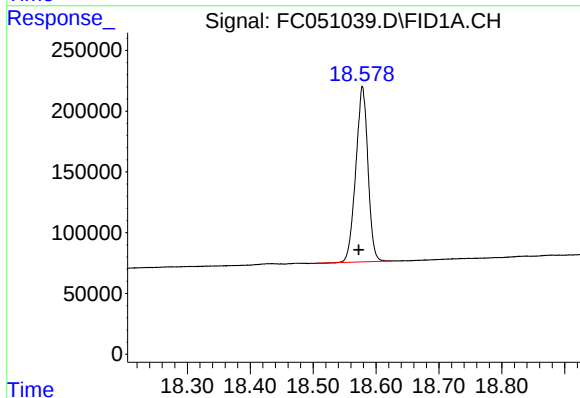
R.T.: 16.860 min
Delta R.T.: 0.004 min
Response: 2063371
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

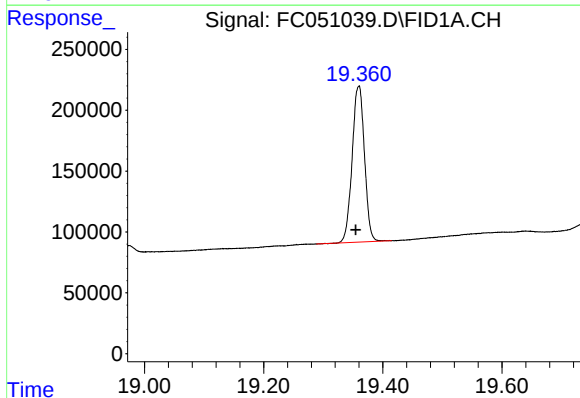
R.T.: 17.747 min
Delta R.T.: 0.005 min
Response: 2042293
Conc: 19.23 ug/ml

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FID_C
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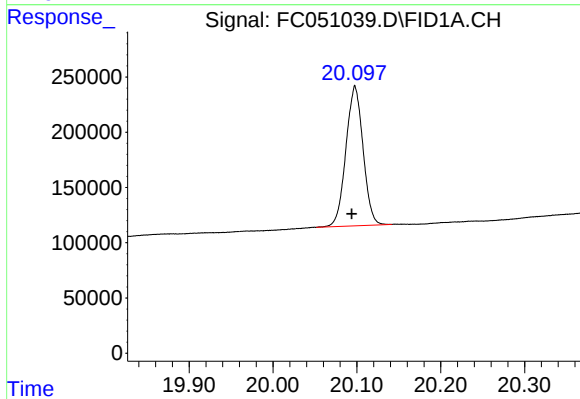
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: 0.006 min
Response: 1931040
Conc: 19.76 ug/ml



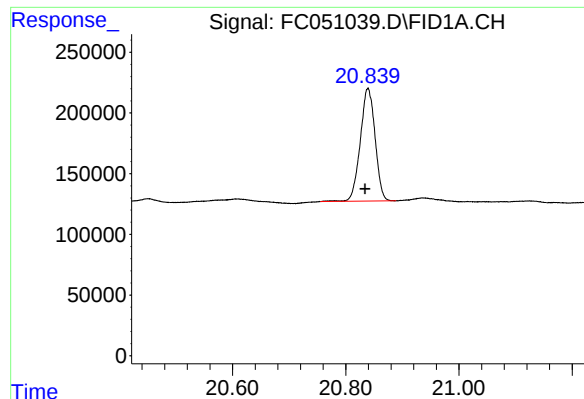
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: 0.005 min
Response: 1839424
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

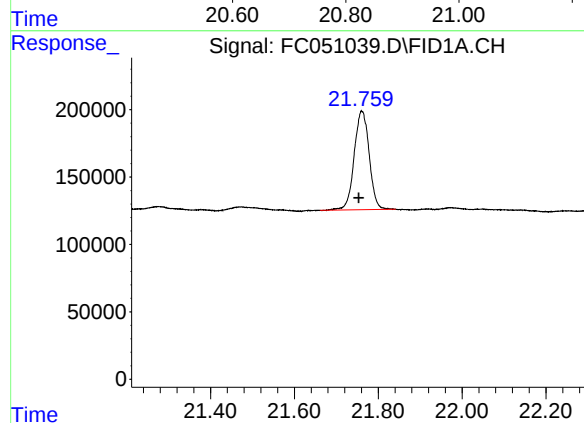
R.T.: 20.098 min
Delta R.T.: 0.004 min
Response: 1792044
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.839 min
Delta R.T.: 0.005 min
Response: 1677638
Conc: 21.54 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.761 min
Delta R.T.: 0.008 min
Response: 1822561
Conc: 22.01 ug/ml