

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032621AL\
 Data File : FC052755.D
 Signal(s) : FID1A.CH
 Acq On : 26 Mar 2021 15:36
 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: Mar 26 16:07:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.565	2626548	19.595 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
12) S 1-chlorooctadecane (S...	13.003	2045510	18.965 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.322	2544968	21.911 ug/ml
2) T n-Decane (C10)	4.388	2593463	22.131 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2869054	21.914 ug/ml
4) T n-Dodecane (C12)	6.408	2648289	22.057 ug/ml
5) T A~2-methylnaphthalene...	7.032	2920512	21.818 ug/ml
6) T n-Tetradecane (C14)	8.204	2630271	21.747 ug/ml
7) T n-Hexadecane (C16)	9.806	2549097	21.195 ug/ml
8) T n-Octadecane (C18)	11.248	2578774	20.439 ug/ml
10) T n-Eicosane (C20)	12.558	2486970	19.476 ug/ml
11) T n-Heneicosane (C21)	13.171	2410545	18.965 ug/ml
13) T n-Docosane (C22)	13.757	2343198	18.497 ug/ml
14) T n-Tetracosane (C24)	14.860	2220756	17.777 ug/ml
15) T n-Hexacosane (C26)	15.882	2101297	17.451 ug/ml
16) T n-Octacosane (C28)	16.831	2025466	17.568 ug/ml
17) T n-Tricontane (C30)	17.719	2012225	18.469 ug/ml
18) T n-Dotriacontane (C32)	18.551	1995015	19.883 ug/ml
19) T n-Tetratriacontane (C34)	19.333	1995698	21.711 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2002561	21.961 ug/ml
21) T n-Octatriacontane (C38)	20.806	1905446	23.347 ug/ml
22) T n-Tetracontane (C40)	21.713	2037003	23.648 ug/ml

(f)=RT Delta > 1/2 Window

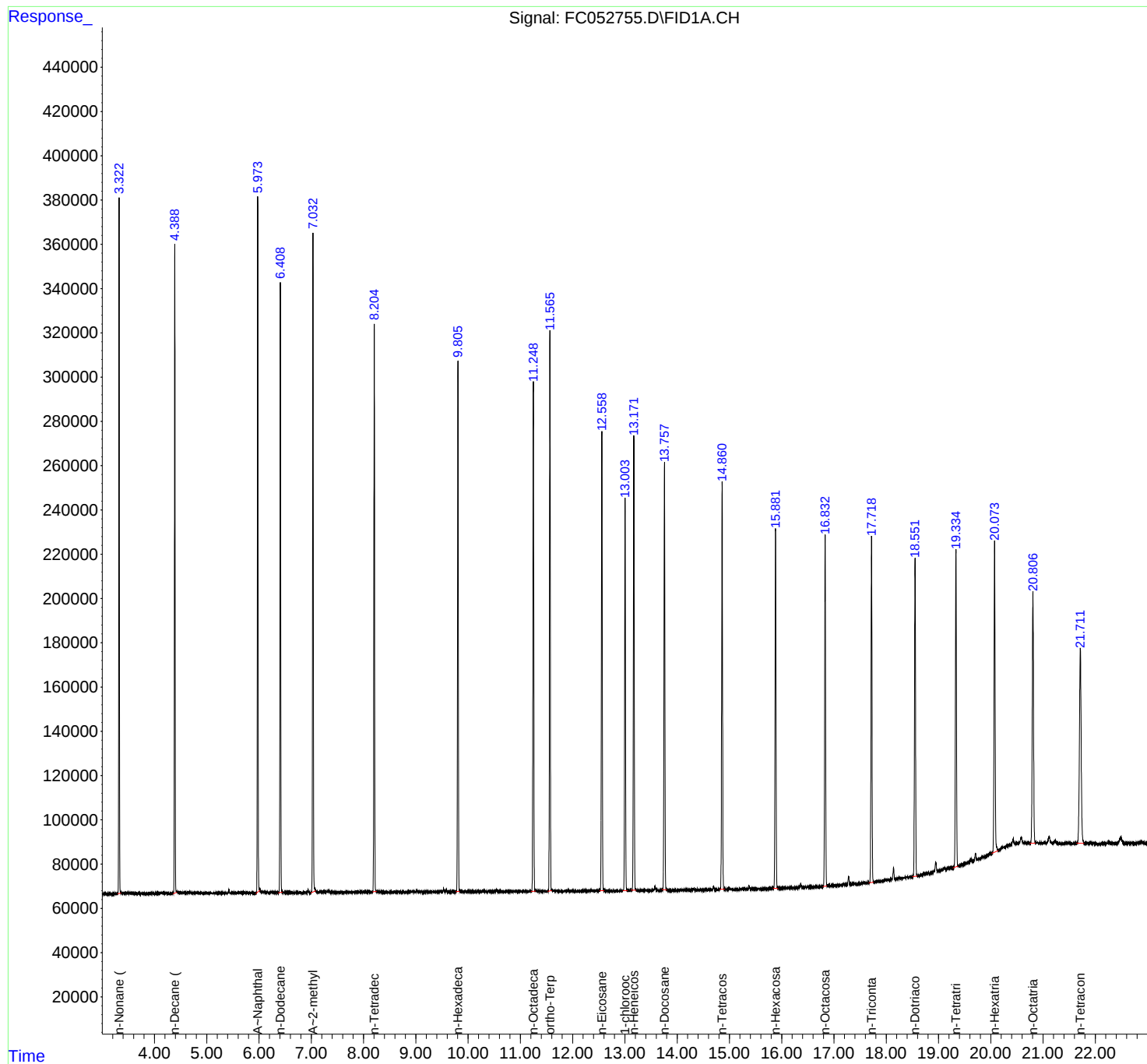
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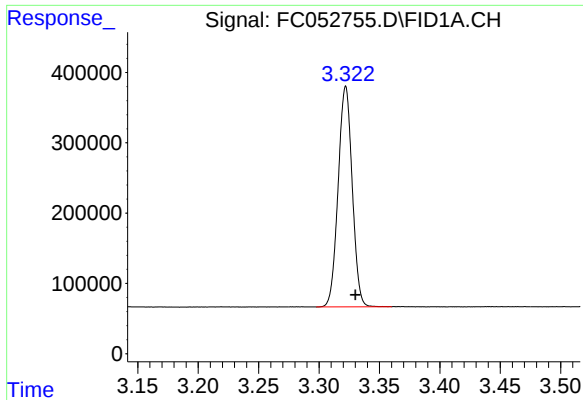
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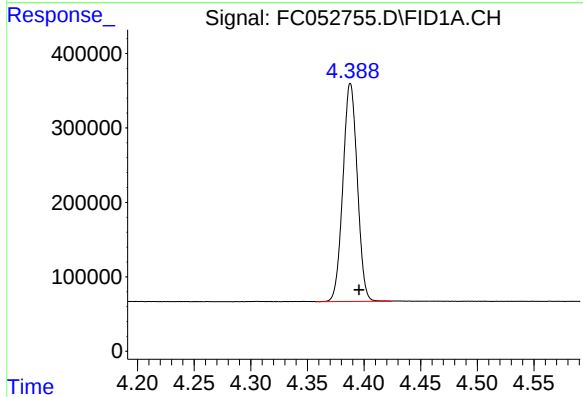




#1 n-Nonane (C9)

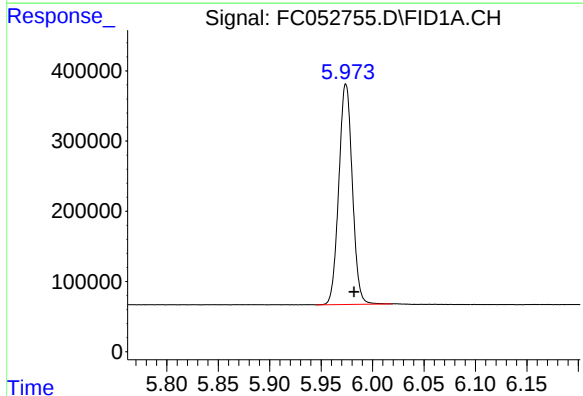
R.T.: 3.322 min
Delta R.T.: -0.008 min
Response: 2544968
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



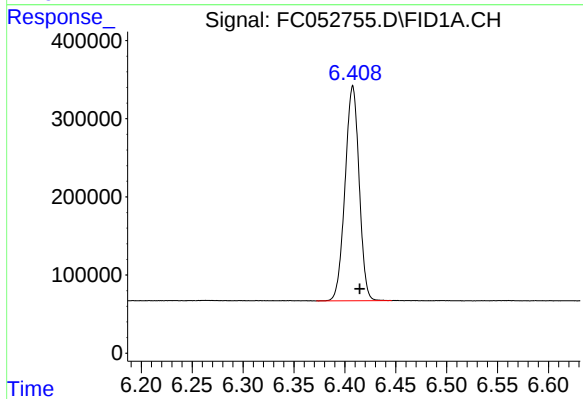
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: -0.008 min
Response: 2593463
Conc: 22.13 ug/ml



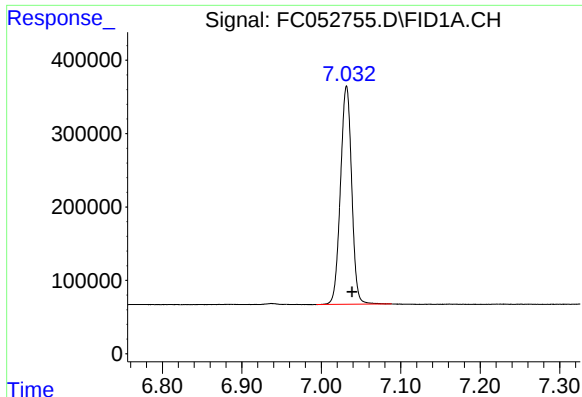
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 2869054
Conc: 21.91 ug/ml



#4 n-Dodecane (C12)

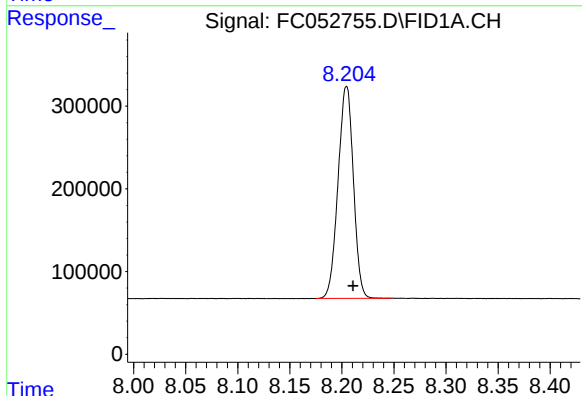
R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 2648289
Conc: 22.06 ug/ml



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

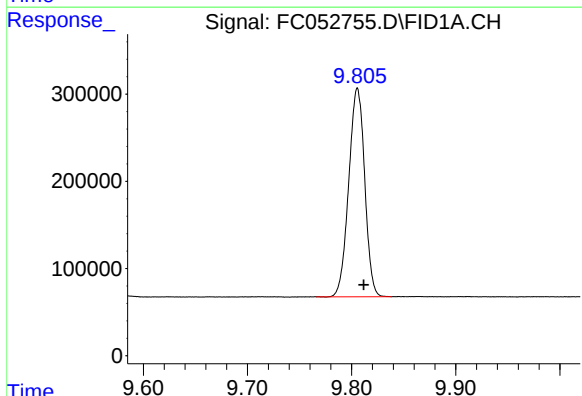
R.T.: 7.032 min
Delta R.T.: -0.007 min
Response: 2920512
Conc: 21.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



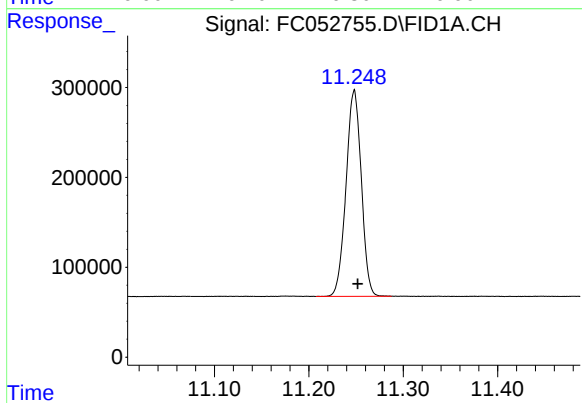
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 2630271
Conc: 21.75 ug/ml



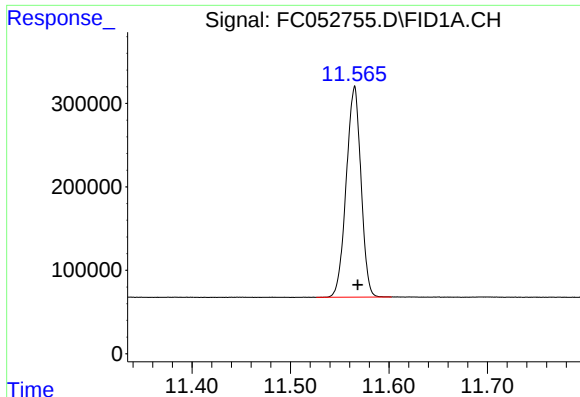
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.006 min
Response: 2549097
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

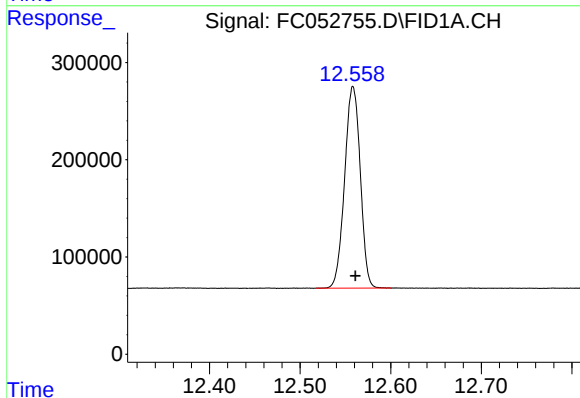
R.T.: 11.248 min
Delta R.T.: -0.004 min
Response: 2578774
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

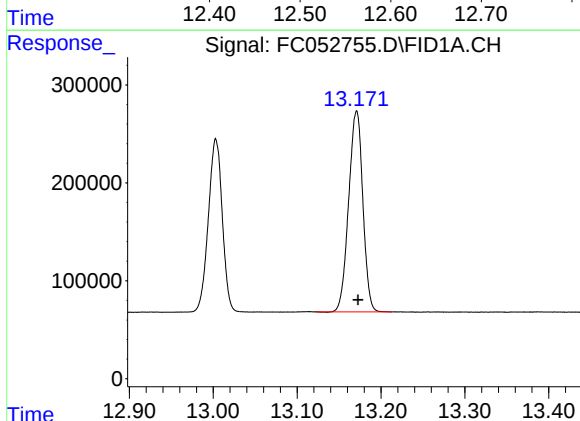
R.T.: 11.565 min
Delta R.T.: -0.003 min
Response: 2626548
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



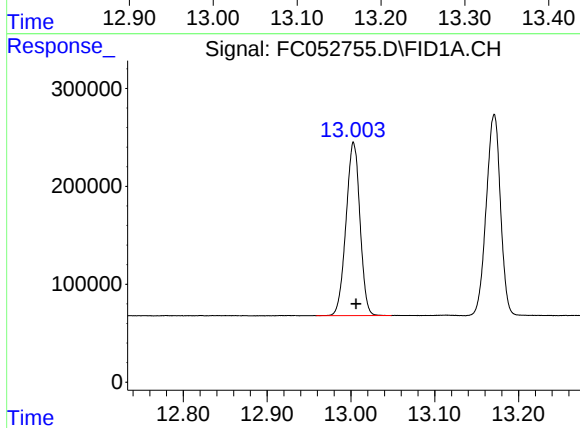
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 2486970
Conc: 19.48 ug/ml



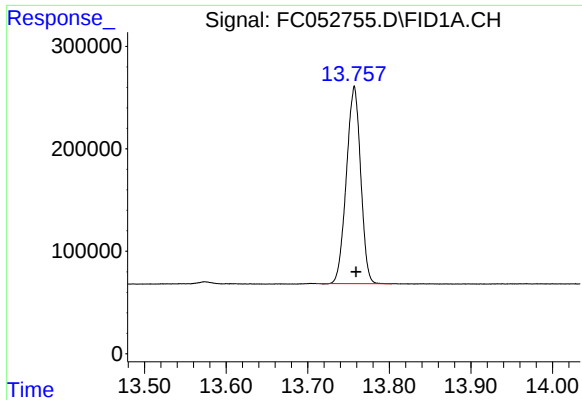
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.002 min
Response: 2410545
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

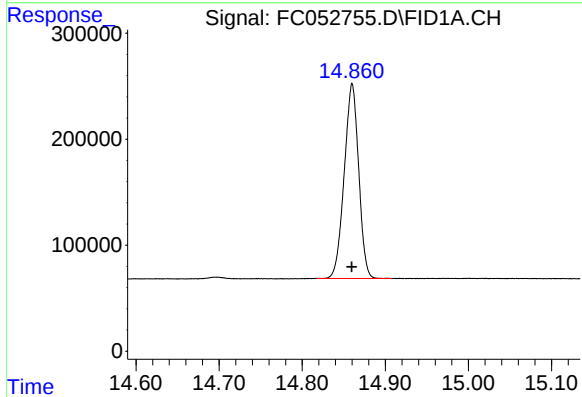
R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2045510
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

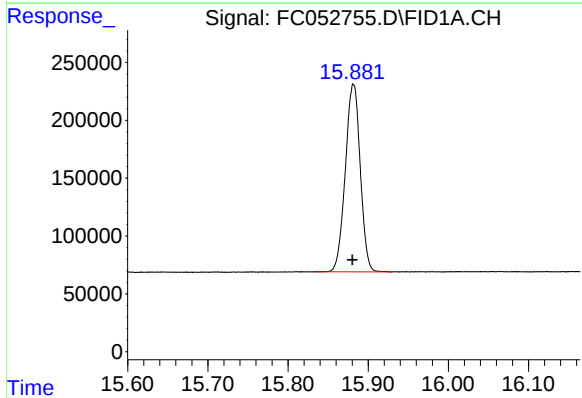
R.T.: 13.757 min
Delta R.T.: -0.002 min
Response: 2343198
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



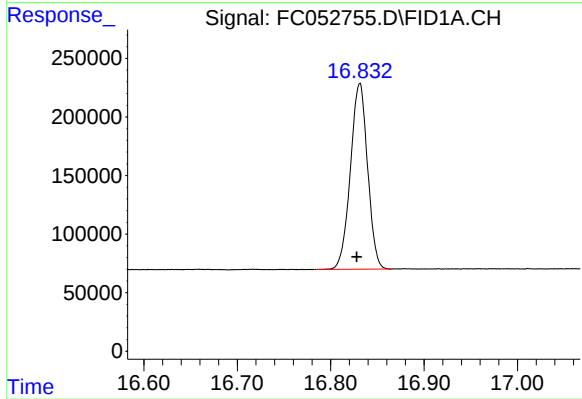
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2220756
Conc: 17.78 ug/ml



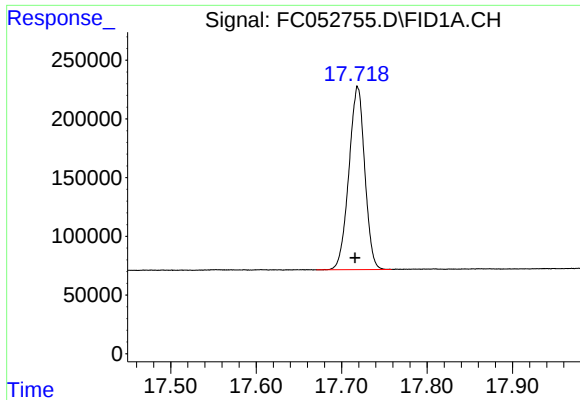
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.001 min
Response: 2101297
Conc: 17.45 ug/ml



#16 n-Octacosane (C28)

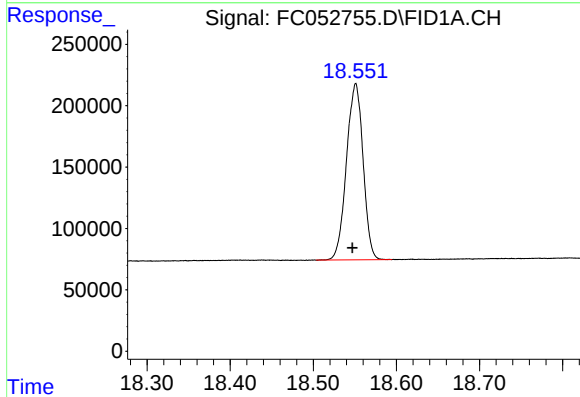
R.T.: 16.831 min
Delta R.T.: 0.003 min
Response: 2025466
Conc: 17.57 ug/ml



#17 n-Tricontane (C30)

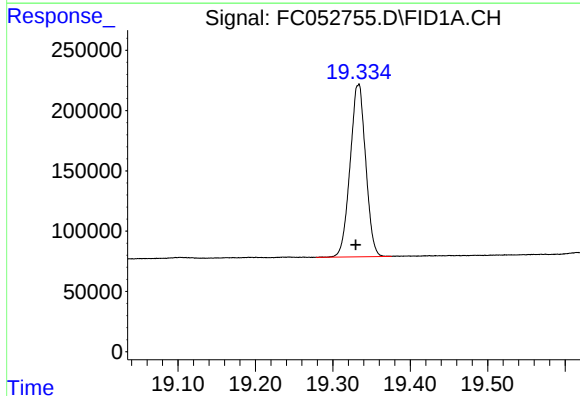
R.T.: 17.719 min
Delta R.T.: 0.003 min
Response: 2012225
Conc: 18.47 ug/ml

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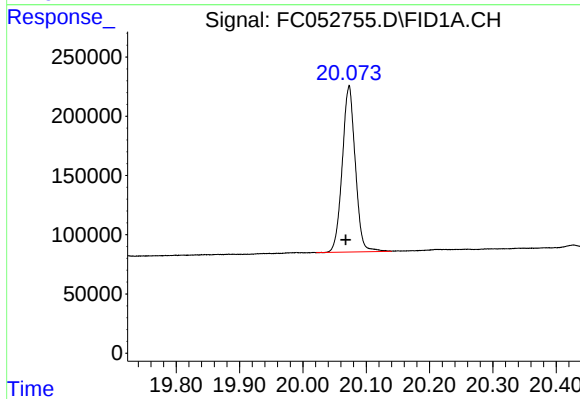
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: 0.004 min
Response: 1995015
Conc: 19.88 ug/ml



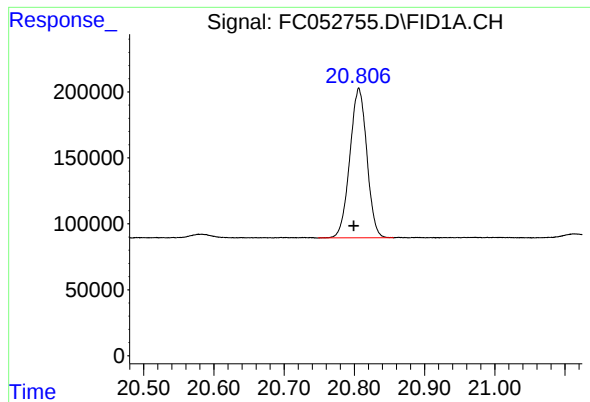
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: 0.004 min
Response: 1995698
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

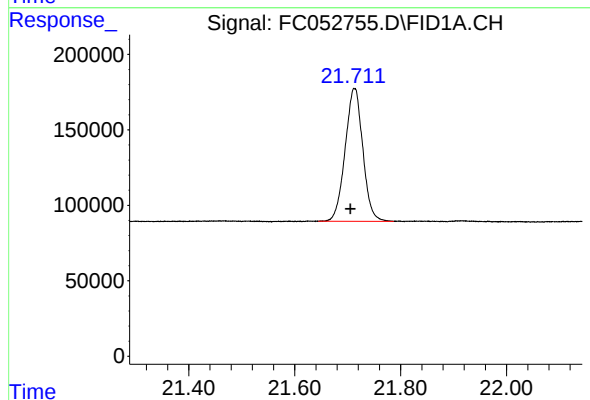
R.T.: 20.073 min
Delta R.T.: 0.005 min
Response: 2002561
Conc: 21.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.007 min
Response: 1905446
Conc: 23.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.713 min
Delta R.T.: 0.008 min
Response: 2037003
Conc: 23.65 ug/ml