

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031121AL\
 Data File : FC052386.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2021 00:16
 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 12 02:20:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.613	2377111	18.025 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
12) S 1-chlorooctadecane (S...	13.051	1849253	17.781 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	3.356	2317980	19.665 ug/ml
2) T n-Decane (C10)	4.424	2349053	19.779 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2620762	19.738 ug/ml
4) T n-Dodecane (C12)	6.447	2389728	19.768 ug/ml
5) T A~2-methylnaphthalene...	7.074	2660753	19.603 ug/ml
6) T n-Tetradecane (C14)	8.246	2375341	19.592 ug/ml
7) T n-Hexadecane (C16)	9.849	2310701	19.312 ug/ml
8) T n-Octadecane (C18)	11.293	2328439	18.810 ug/ml
10) T n-Eicosane (C20)	12.604	2247643	18.241 ug/ml
11) T n-Heneicosane (C21)	13.217	2189298	17.934 ug/ml
13) T n-Docosane (C22)	13.804	2130466	17.706 ug/ml
14) T n-Tetracosane (C24)	14.908	2016874	17.300 ug/ml
15) T n-Hexacosane (C26)	15.929	1898707	17.284 ug/ml
16) T n-Octacosane (C28)	16.879	1840366	17.955 ug/ml
17) T n-Tricontane (C30)	17.767	1795791	19.076 ug/ml
18) T n-Dotriacontane (C32)	18.599	1714918	20.085 ug/ml
19) T n-Tetratriacontane (C34)	19.384	1659363	21.403 ug/ml
20) T n-Hexatriacontane (C36)	20.121	1548095	21.544 ug/ml
21) T n-Octatriacontane (C38)	20.866	1508522	22.022 ug/ml
22) T n-Tetracontane (C40)	21.789	1561123	21.709 ug/ml

(f)=RT Delta > 1/2 Window

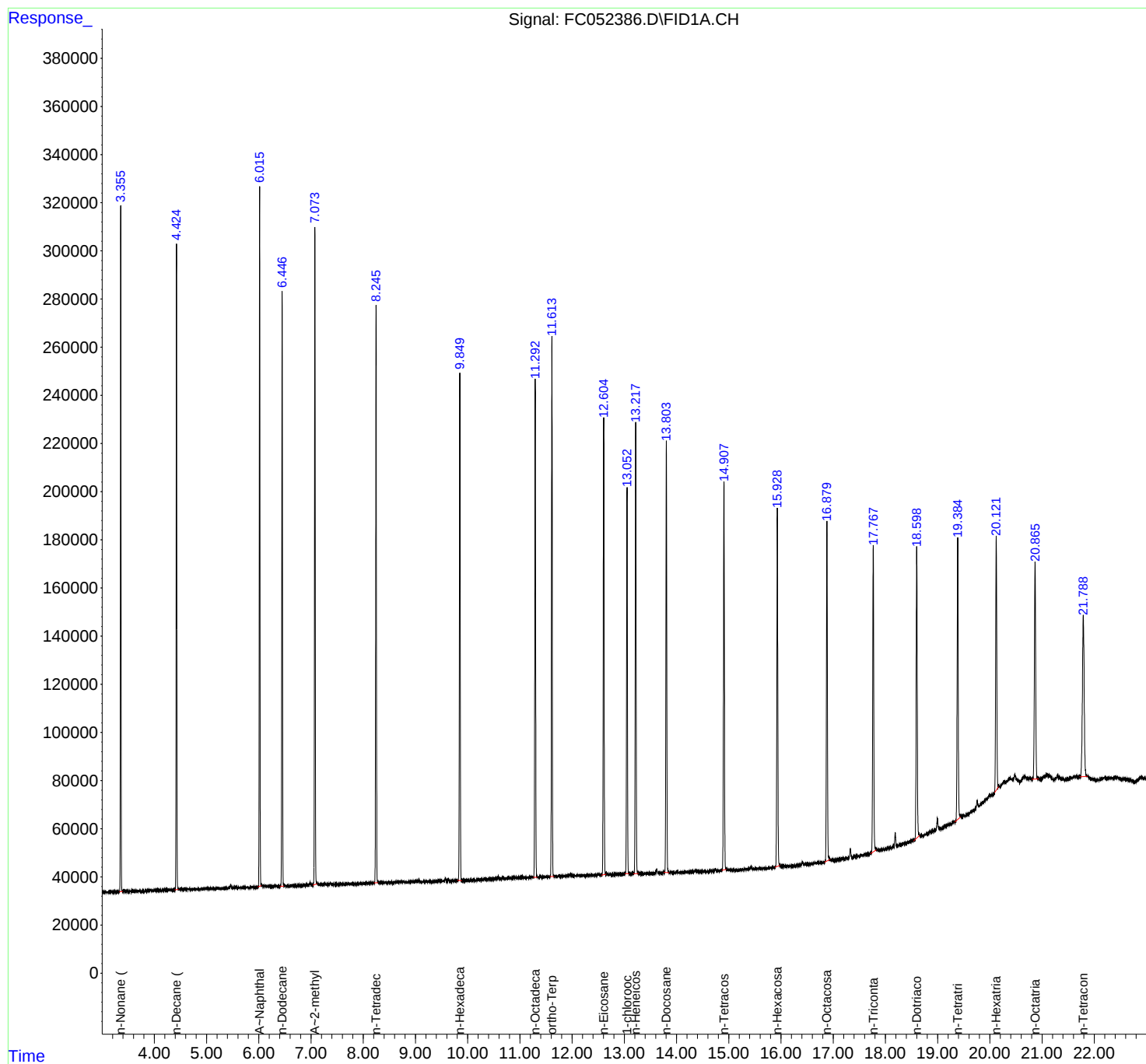
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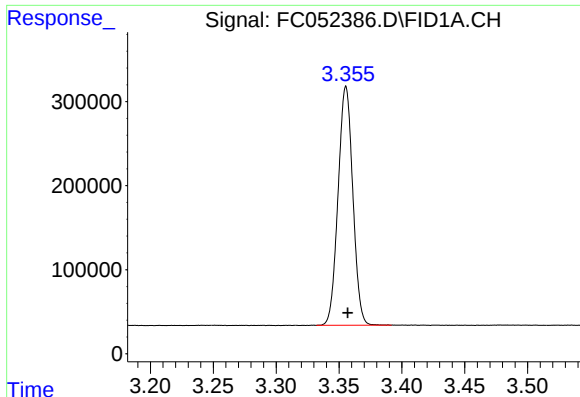
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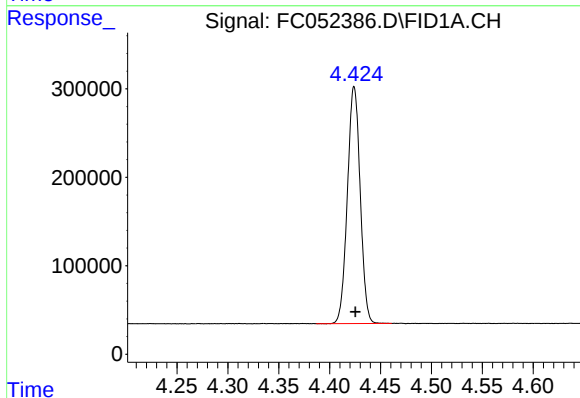




#1 n-Nonane (C9)

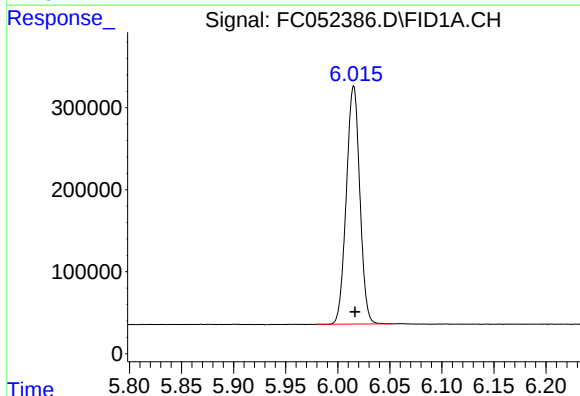
R.T.: 3.356 min
Delta R.T.: -0.001 min
Response: 2317980
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



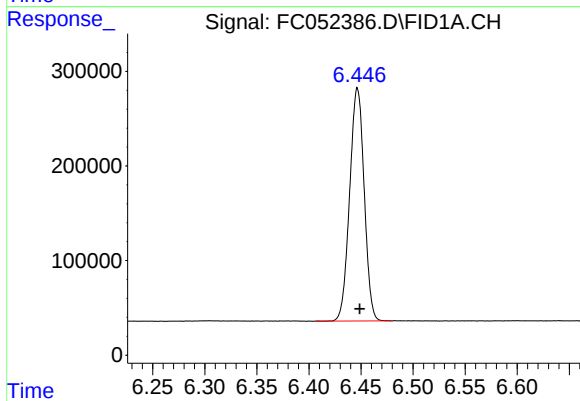
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.001 min
Response: 2349053
Conc: 19.78 ug/ml



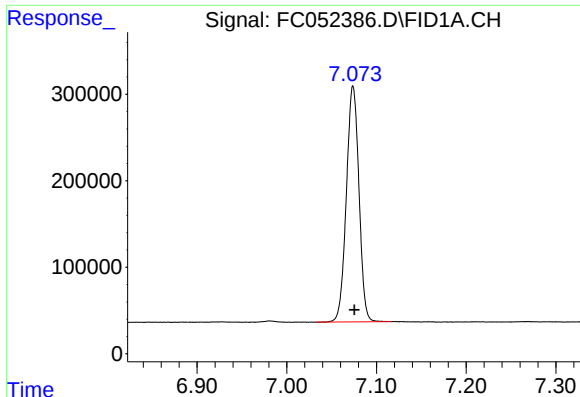
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 2620762
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

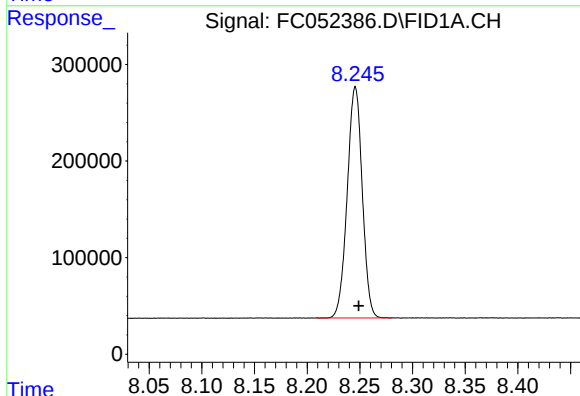
R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 2389728
Conc: 19.77 ug/ml



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

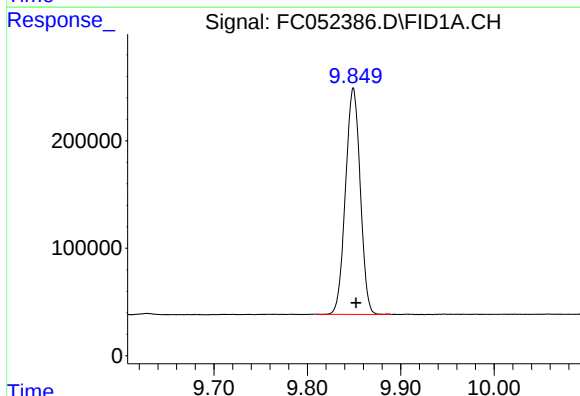
R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 2660753
Conc: 19.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



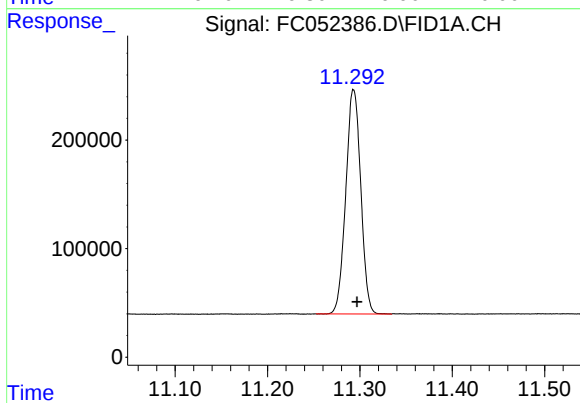
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: -0.003 min
Response: 2375341
Conc: 19.59 ug/ml



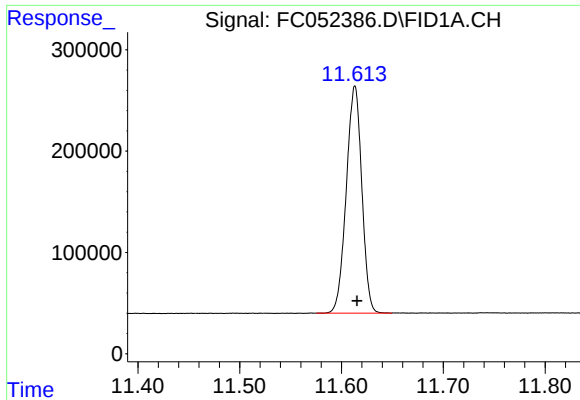
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.003 min
Response: 2310701
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

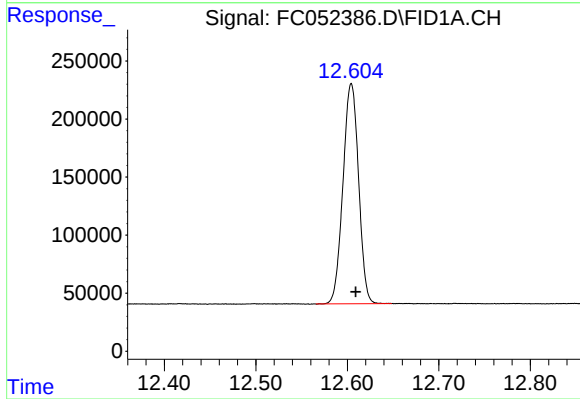
R.T.: 11.293 min
Delta R.T.: -0.004 min
Response: 2328439
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

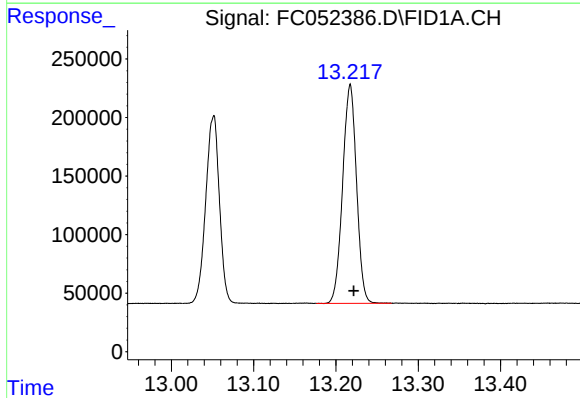
R.T.: 11.613 min
Delta R.T.: -0.002 min
Response: 2377111
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



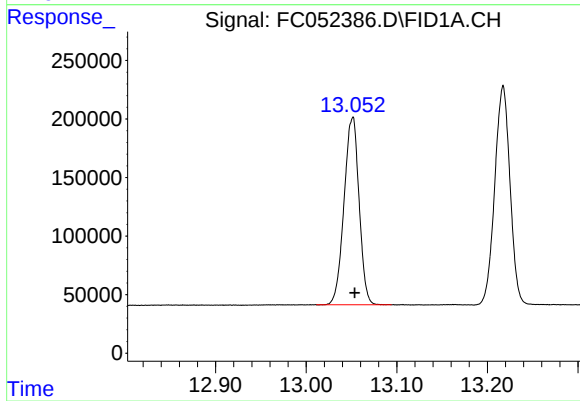
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.005 min
Response: 2247643
Conc: 18.24 ug/ml



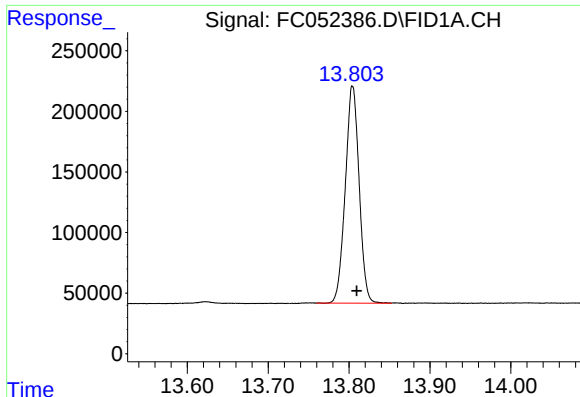
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.004 min
Response: 2189298
Conc: 17.93 ug/ml



#12 1-chlorooctadecane (SURR)

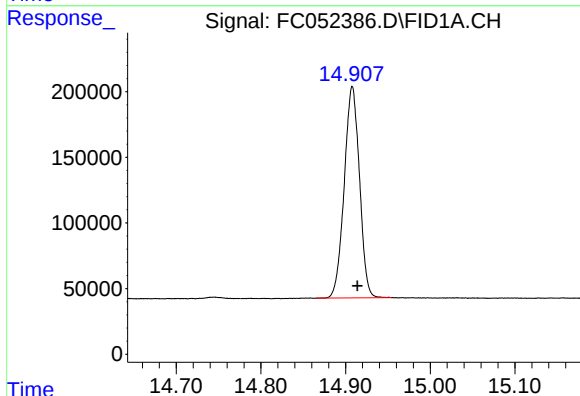
R.T.: 13.051 min
Delta R.T.: -0.002 min
Response: 1849253
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

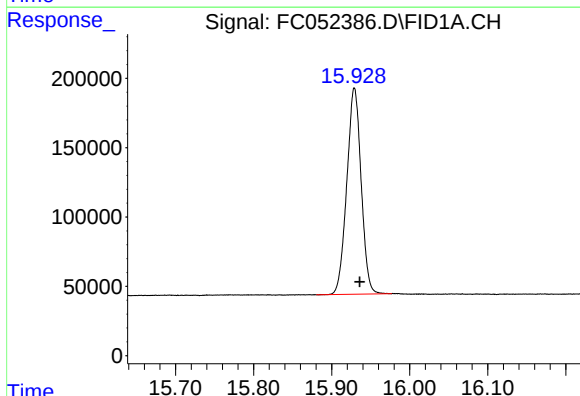
R.T.: 13.804 min
Delta R.T.: -0.005 min
Response: 2130466
Conc: 17.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



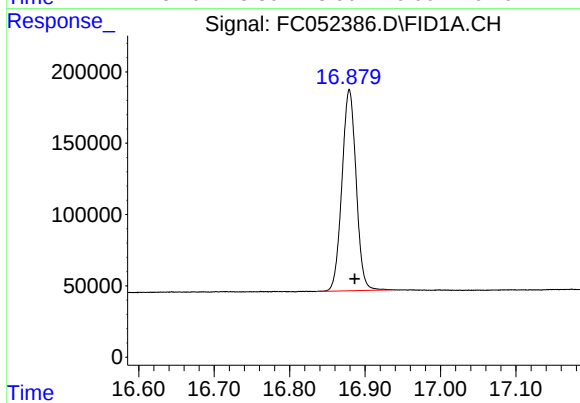
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.006 min
Response: 2016874
Conc: 17.30 ug/ml



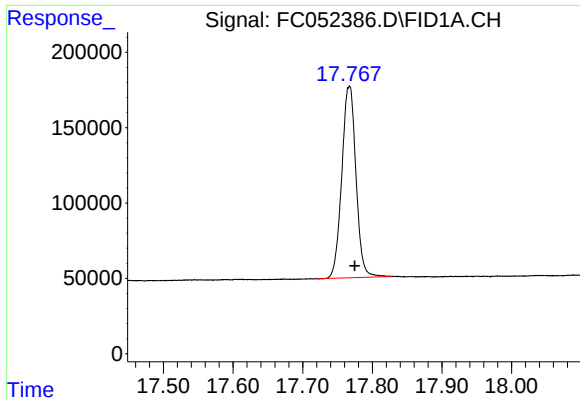
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: -0.007 min
Response: 1898707
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

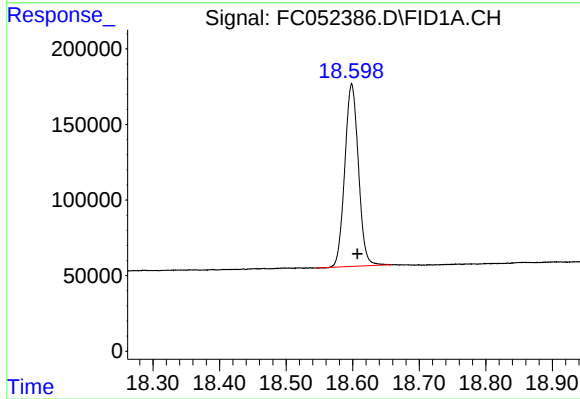
R.T.: 16.879 min
Delta R.T.: -0.007 min
Response: 1840366
Conc: 17.95 ug/ml



#17 n-Tricontane (C30)

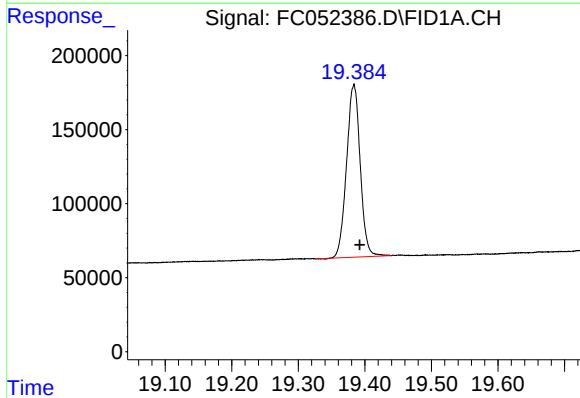
R.T.: 17.767 min
Delta R.T.: -0.008 min
Response: 1795791
Conc: 19.08 ug/ml

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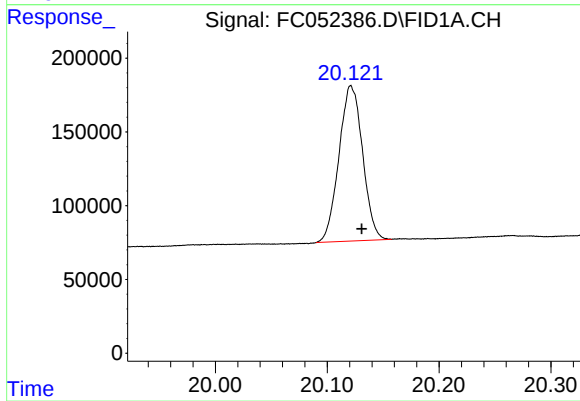
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.009 min
Response: 1714918
Conc: 20.09 ug/ml



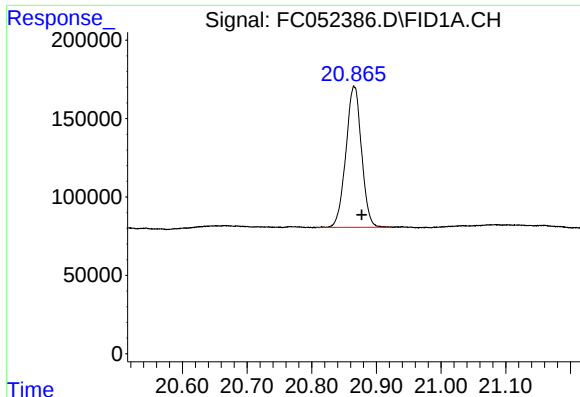
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: -0.009 min
Response: 1659363
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

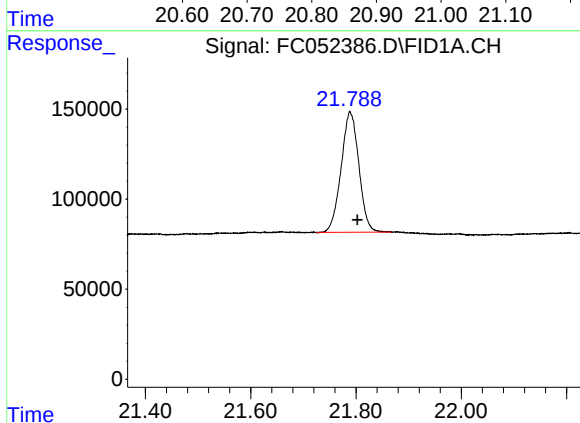
R.T.: 20.121 min
Delta R.T.: -0.010 min
Response: 1548095
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.012 min
Response: 1508522
Conc: 22.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.014 min
Response: 1561123
Conc: 21.71 ug/ml