

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041421AL\
 Data File : FC053178.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 7:34
 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: Apr 15 08:02:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.552	2636373	18.248 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	12.992	2072255	17.935 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
Target Compounds			
1) T n-Nonane (C9)	3.307	2421938	19.351 ug/ml
2) T n-Decane (C10)	4.373	2466692	19.594 ug/ml
3) T A~Naphthalene (C11.7)	5.957	2702952	19.404 ug/ml
4) T n-Dodecane (C12)	6.392	2536265	19.803 ug/ml
5) T A~2-methylnaphthalene...	7.015	2753812	19.481 ug/ml
6) T n-Tetradecane (C14)	8.190	2532046	19.679 ug/ml
7) T n-Hexadecane (C16)	9.793	2479944	19.396 ug/ml
8) T n-Octadecane (C18)	11.237	2540963	18.789 ug/ml
10) T n-Eicosane (C20)	12.547	2494556	18.161 ug/ml
11) T n-Heneicosane (C21)	13.160	2454494	17.864 ug/ml
13) T n-Docosane (C22)	13.746	2408102	17.470 ug/ml
14) T n-Tetracosane (C24)	14.850	2312452	16.772 ug/ml
15) T n-Hexacosane (C26)	15.872	2206271	16.270 ug/ml
16) T n-Octacosane (C28)	16.822	2121165	15.913 ug/ml
17) T n-Tricontane (C30)	17.710	2068789	16.120 ug/ml
18) T n-Dotriacontane (C32)	18.543	2003500	16.770 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1942453	17.539 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1885548	18.685 ug/ml
21) T n-Octatriacontane (C38)	20.798	1810441	20.321 ug/ml
22) T n-Tetracontane (C40)	21.698	1880719	23.493 ug/ml

(f)=RT Delta > 1/2 Window

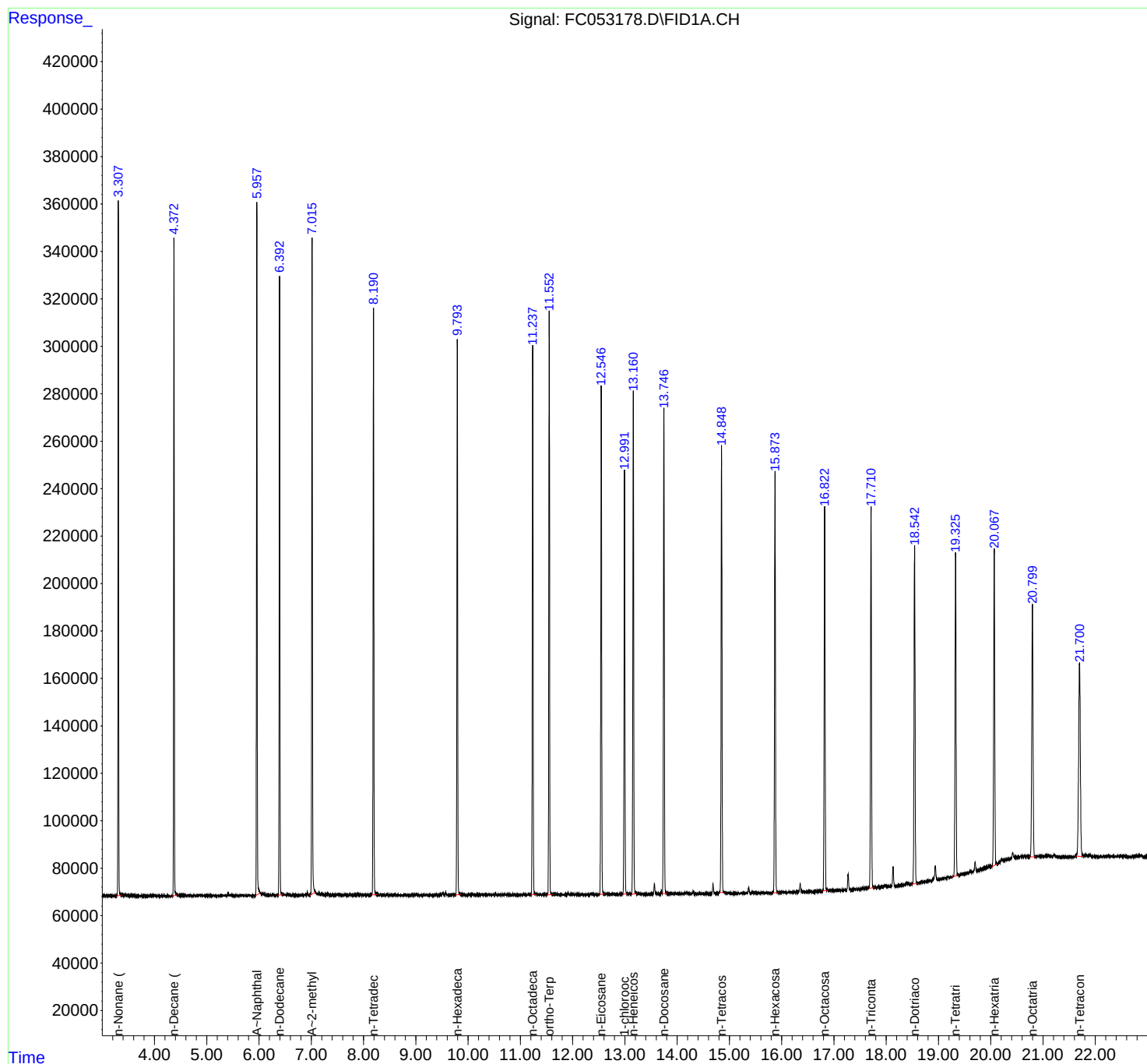
(m)=manual int.

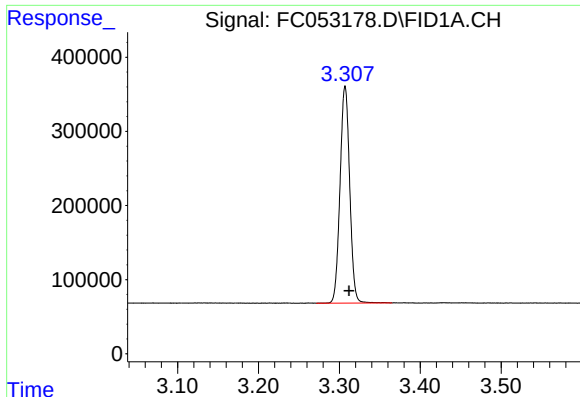
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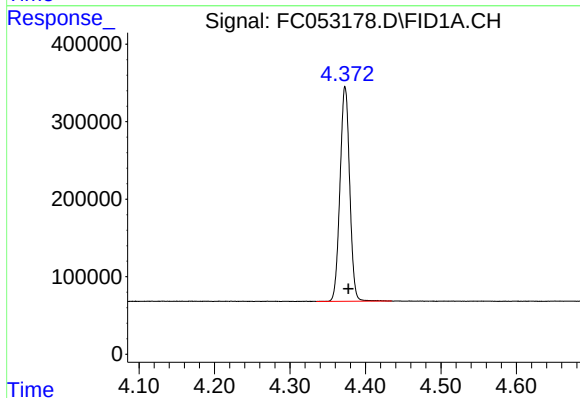




#1 n-Nonane (C9)

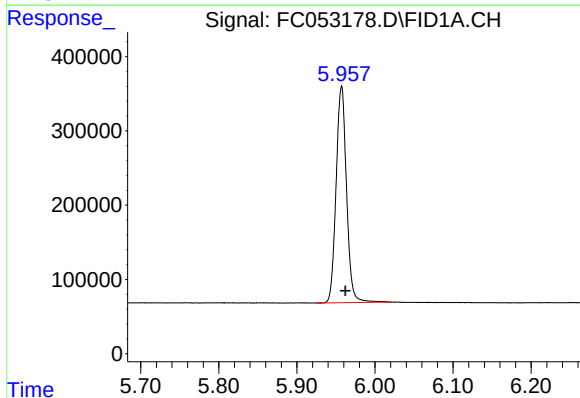
R.T.: 3.307 min
Delta R.T.: -0.005 min
Response: 2421938
Conc: 19.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



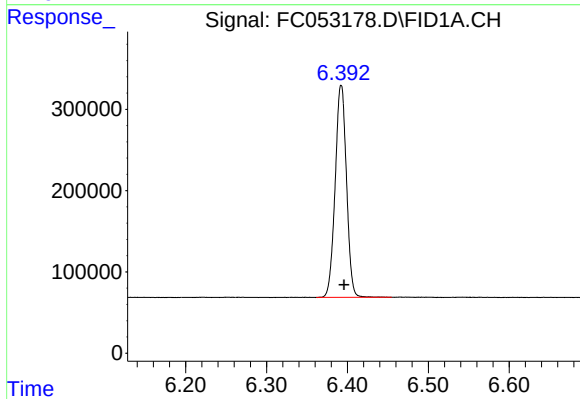
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 2466692
Conc: 19.59 ug/ml



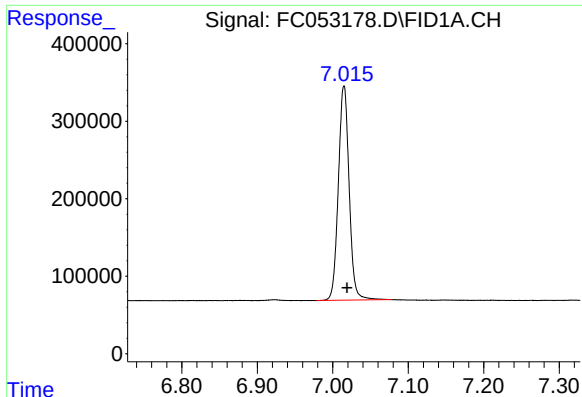
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 2702952
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

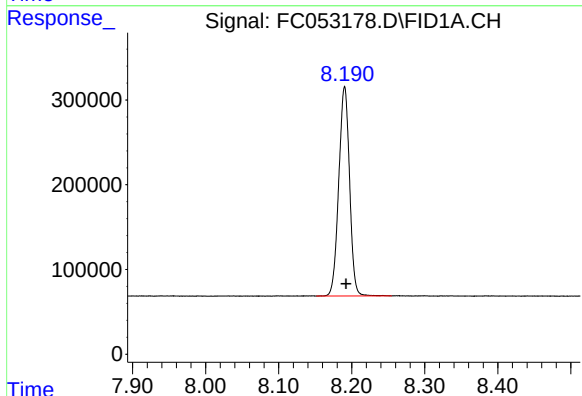
R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 2536265
Conc: 19.80 ug/ml



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

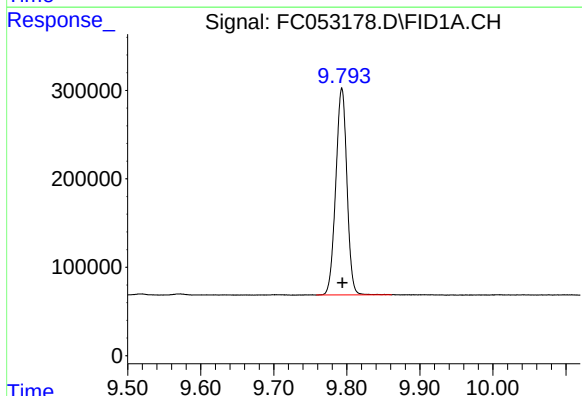
R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 2753812
Conc: 19.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



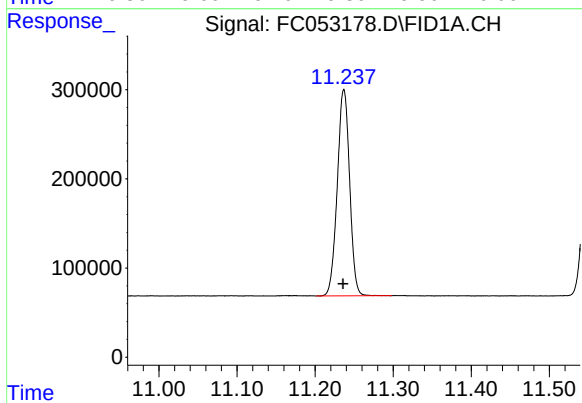
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: -0.002 min
Response: 2532046
Conc: 19.68 ug/ml



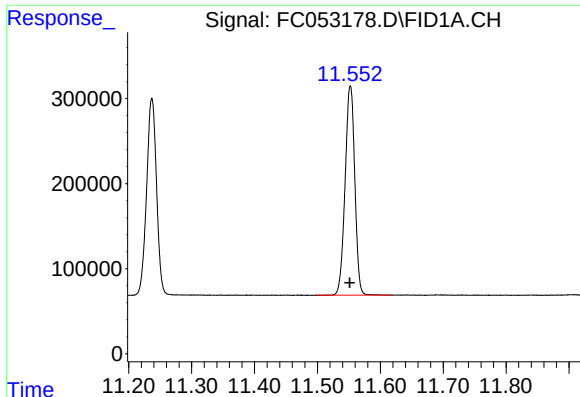
#7 n-Hexadecane (C16)

R.T.: 9.793 min
Delta R.T.: -0.001 min
Response: 2479944
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

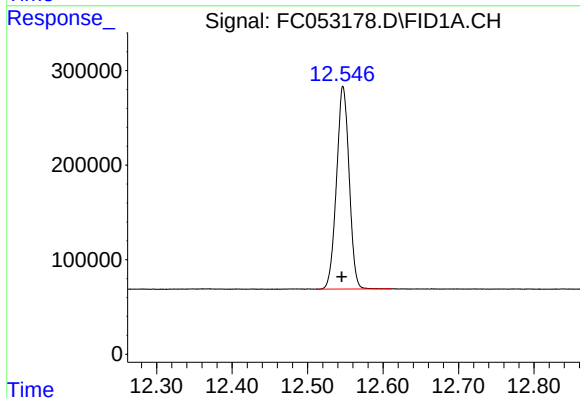
R.T.: 11.237 min
Delta R.T.: 0.000 min
Response: 2540963
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

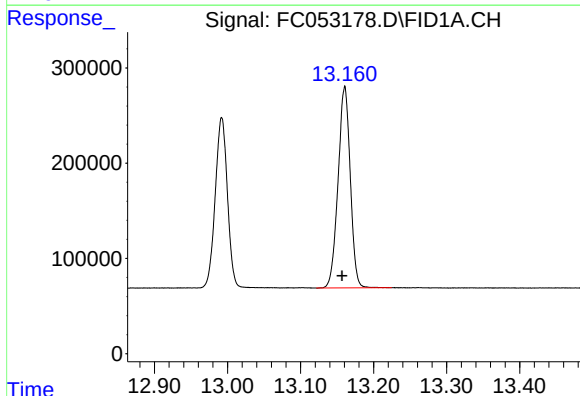
R.T.: 11.552 min
Delta R.T.: 0.001 min
Response: 2636373
Conc: 18.25 ug/ml

Instrument :
FID_C
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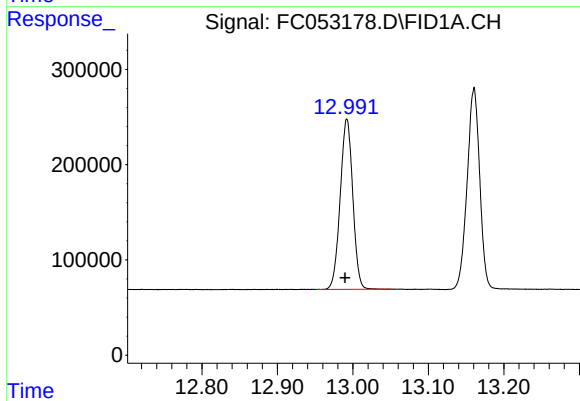
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.002 min
Response: 2494556
Conc: 18.16 ug/ml



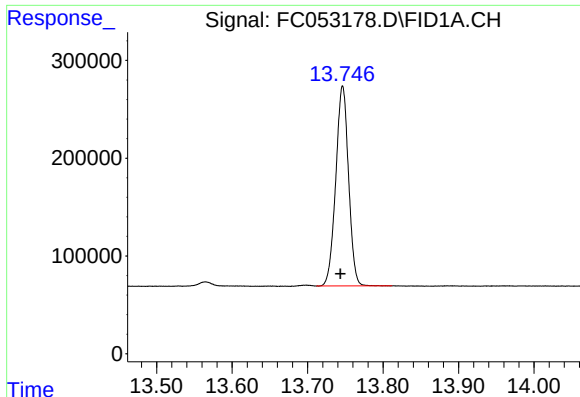
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.003 min
Response: 2454494
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

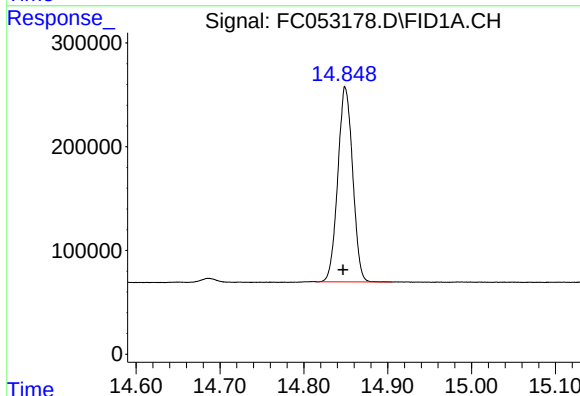
R.T.: 12.992 min
Delta R.T.: 0.002 min
Response: 2072255
Conc: 17.94 ug/ml



#13 n-Docosane (C22)

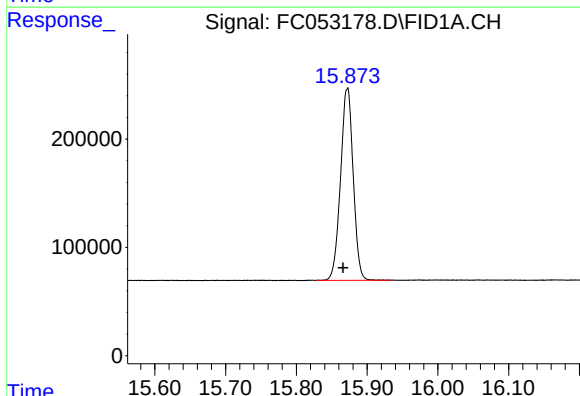
R.T.: 13.746 min
Delta R.T.: 0.003 min
Response: 2408102
Conc: 17.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



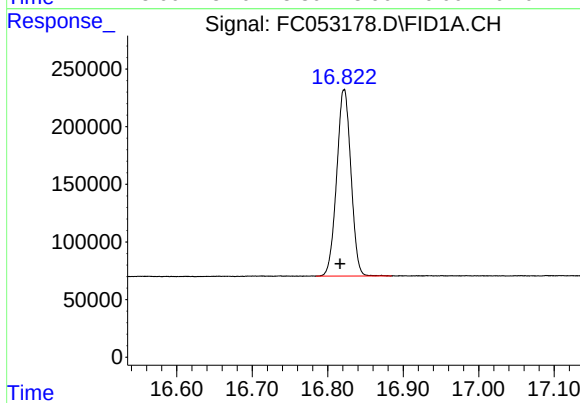
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.003 min
Response: 2312452
Conc: 16.77 ug/ml



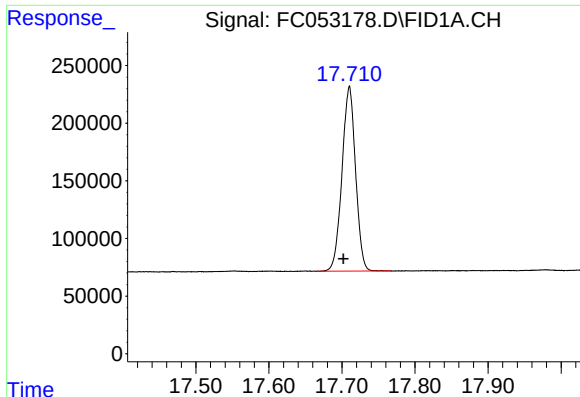
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.006 min
Response: 2206271
Conc: 16.27 ug/ml



#16 n-Octacosane (C28)

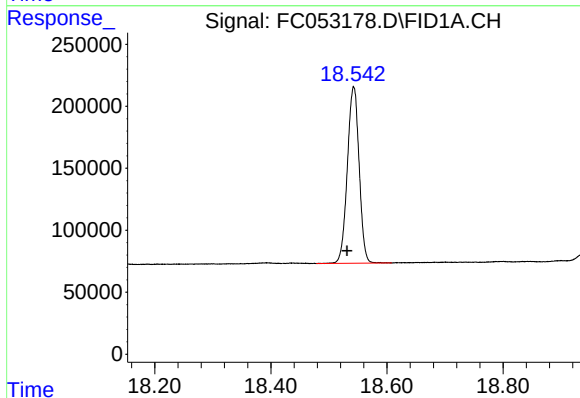
R.T.: 16.822 min
Delta R.T.: 0.006 min
Response: 2121165
Conc: 15.91 ug/ml



#17 n-Tricontane (C30)

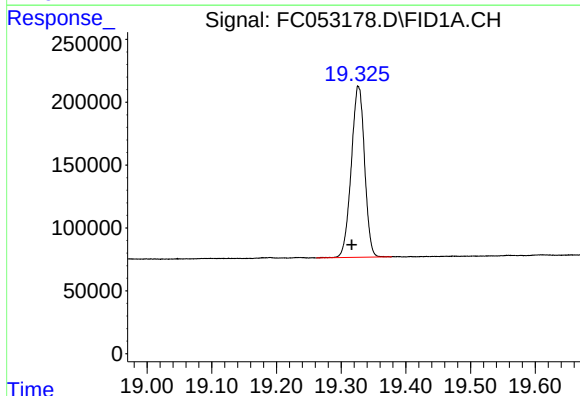
R.T.: 17.710 min
Delta R.T.: 0.008 min
Response: 2068789
Conc: 16.12 ug/ml

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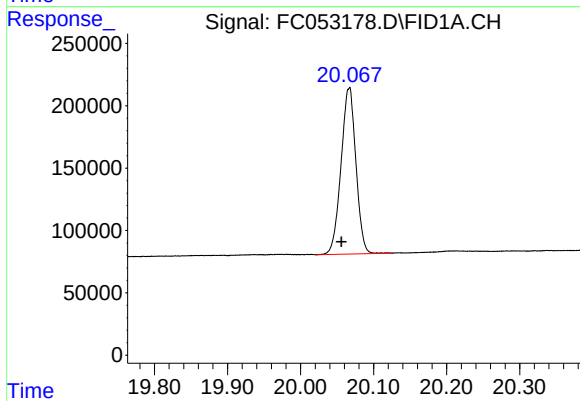
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.011 min
Response: 2003500
Conc: 16.77 ug/ml



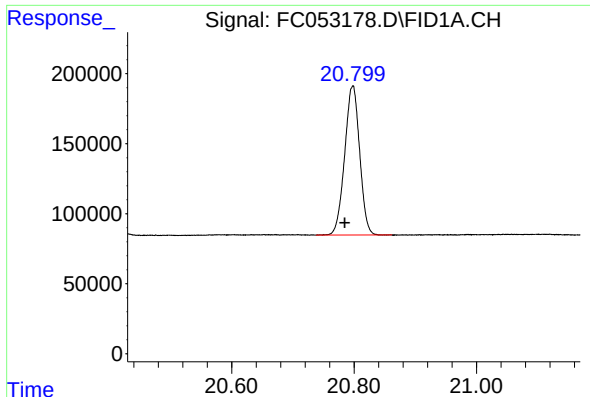
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.010 min
Response: 1942453
Conc: 17.54 ug/ml



#20 n-Hexatriacontane (C36)

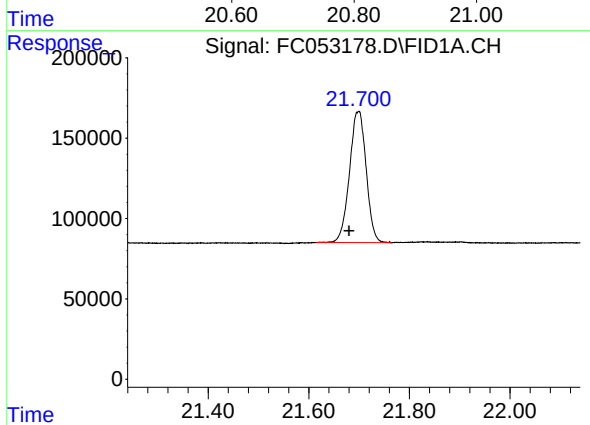
R.T.: 20.066 min
Delta R.T.: 0.010 min
Response: 1885548
Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.013 min
Response: 1810441
Conc: 20.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.018 min
Response: 1880719
Conc: 23.49 ug/ml