

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047359.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2020 2:39
 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: May 12 03:12:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.744	2494599	20.868 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
12) S 1-chlorooctadecane (S...	13.157	2045081	20.851 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.550	2110790	20.821 ug/ml
2) T n-Decane (C10)	4.614	2143610	20.977 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2159438	20.738 ug/ml
4) T n-Dodecane (C12)	6.614	2244047	21.246 ug/ml
5) T A~2-methylnaphthalene...	7.265	2194060	20.893 ug/ml
6) T n-Tetradecane (C14)	8.393	2254317	21.312 ug/ml
7) T n-Hexadecane (C16)	9.980	2241755	21.187 ug/ml
8) T n-Octadecane (C18)	11.411	2351180	20.997 ug/ml
10) T n-Eicosane (C20)	12.710	2373685	20.861 ug/ml
11) T n-Heneicosane (C21)	13.318	2370102	20.847 ug/ml
13) T n-Docosane (C22)	13.900	2364643	20.809 ug/ml
14) T n-Tetracosane (C24)	14.995	2332547	20.615 ug/ml
15) T n-Hexacosane (C26)	16.010	2279618	20.353 ug/ml
16) T n-Octacosane (C28)	16.953	2235141	20.039 ug/ml
17) T n-Tricontane (C30)	17.835	2135672	19.752 ug/ml
18) T n-Dotriacontane (C32)	18.663	1929548	19.567 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1789527	19.510 ug/ml
20) T n-Hexatriacontane (C36)	20.175	1681278	19.387 ug/ml
21) T n-Octatriacontane (C38)	20.929	1549959	19.210 ug/ml
22) T n-Tetracontane (C40)	21.877	1578498	19.411 ug/ml

(f)=RT Delta > 1/2 Window

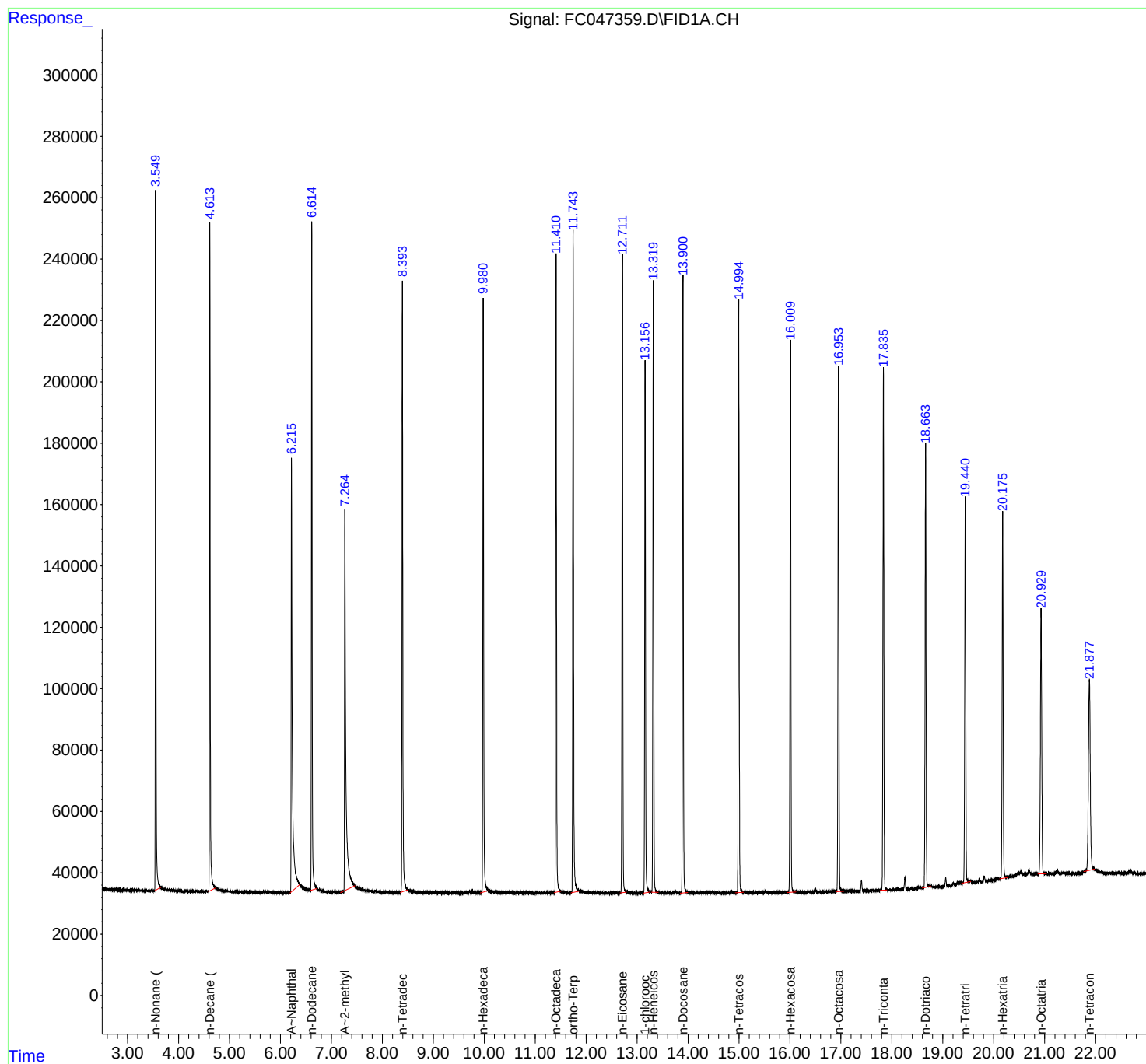
(m)=manual int.

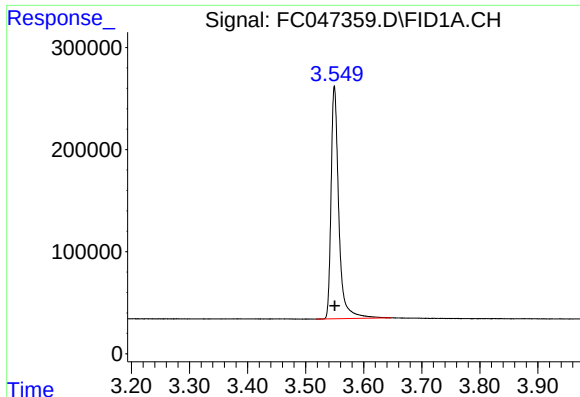
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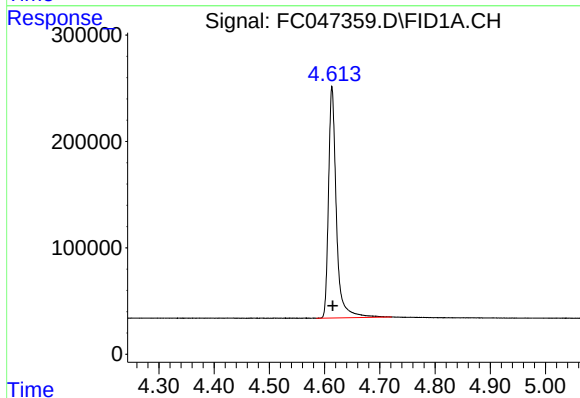




#1 n-Nonane (C9)

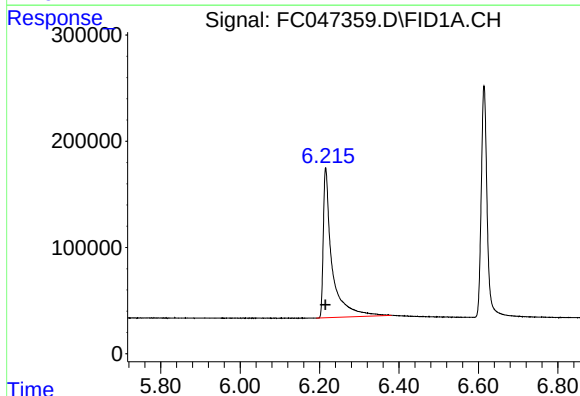
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2110790
Conc: 20.82 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



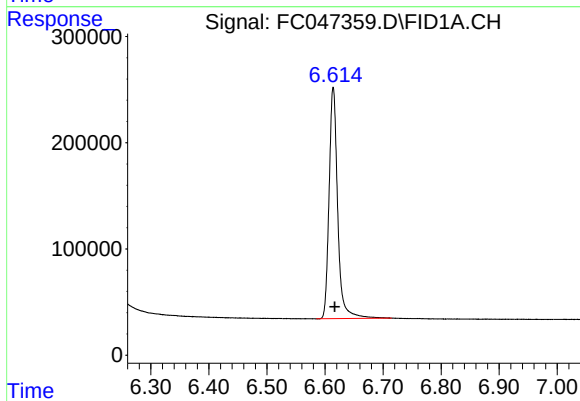
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2143610
Conc: 20.98 ug/ml



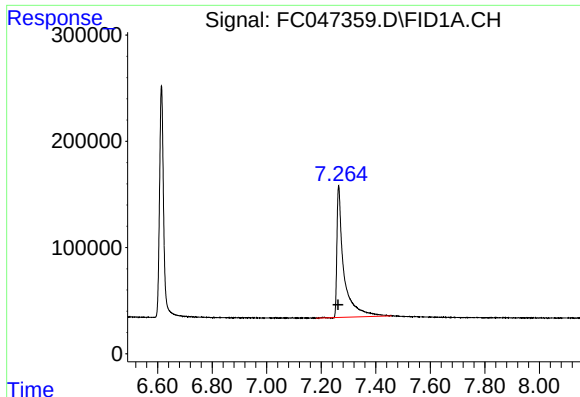
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.001 min
Response: 2159438
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

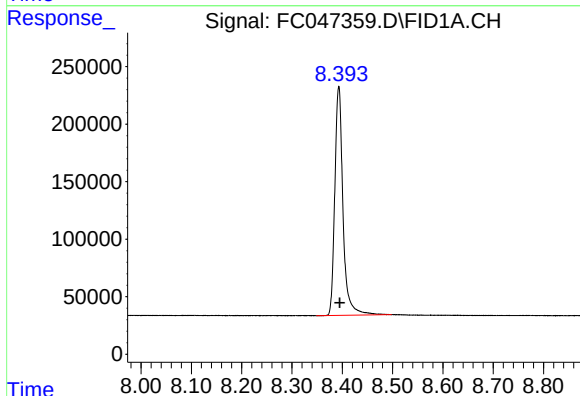
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 2244047
Conc: 21.25 ug/ml



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

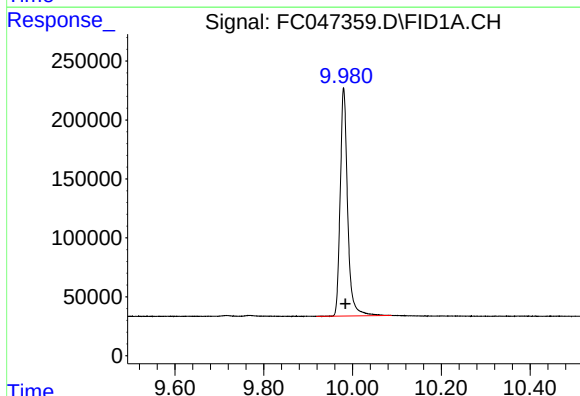
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 2194060
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



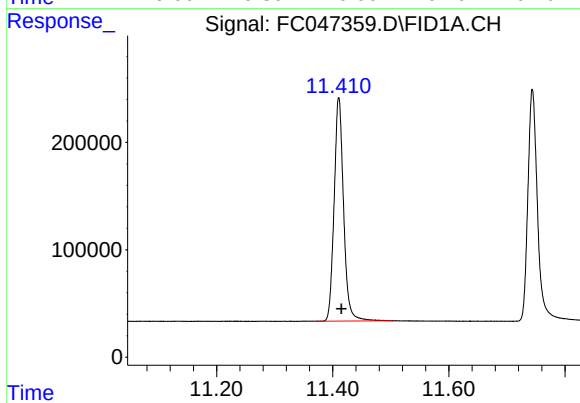
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.002 min
Response: 2254317
Conc: 21.31 ug/ml



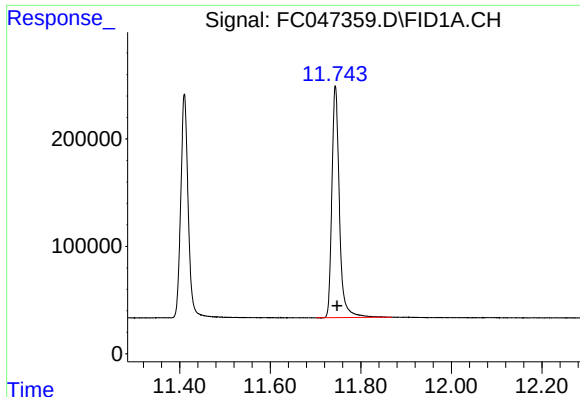
#7 n-Hexadecane (C16)

R.T.: 9.980 min
Delta R.T.: -0.003 min
Response: 2241755
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

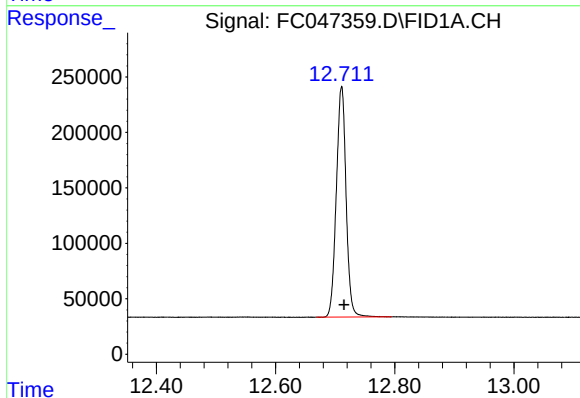
R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2351180
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

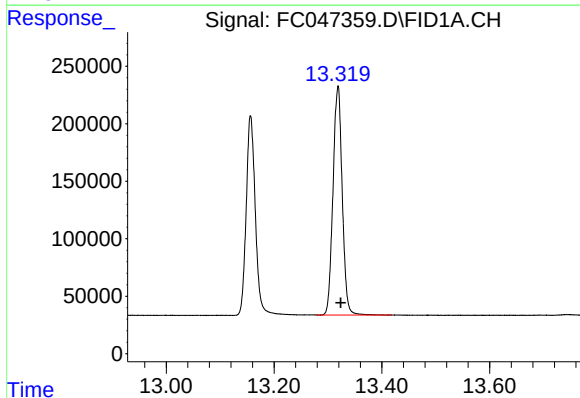
R.T.: 11.744 min
Delta R.T.: -0.003 min
Response: 2494599
Conc: 20.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



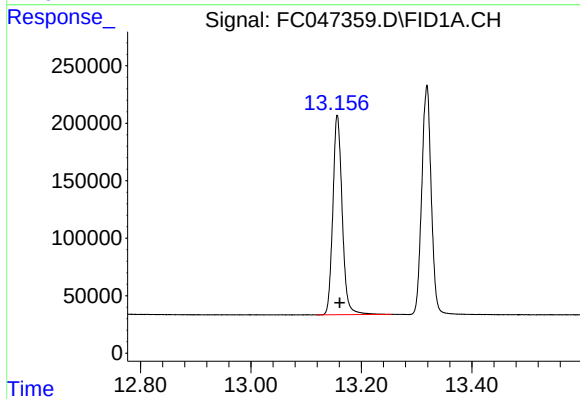
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2373685
Conc: 20.86 ug/ml



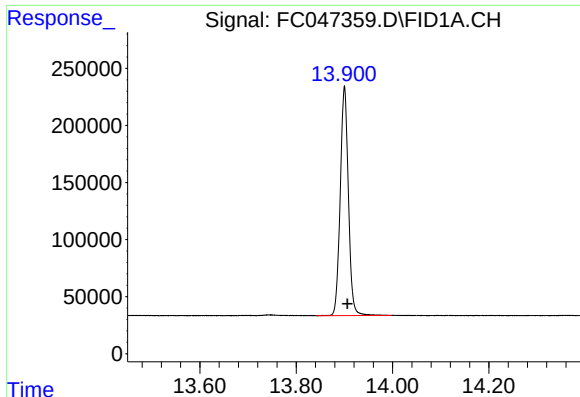
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 2370102
Conc: 20.85 ug/ml



#12 1-chlorooctadecane (SURR)

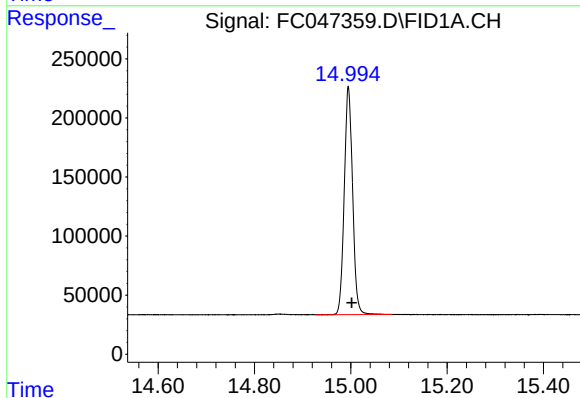
R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 2045081
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

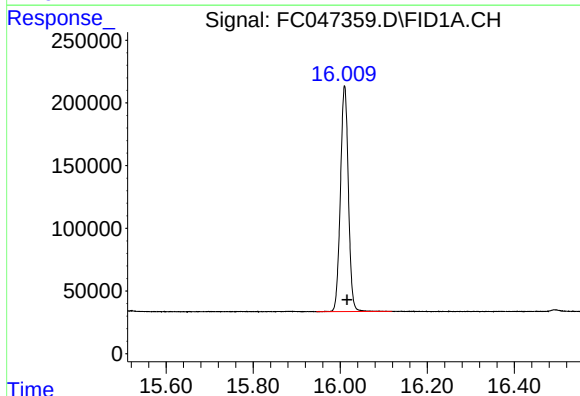
R.T.: 13.900 min
Delta R.T.: -0.006 min
Response: 2364643
Conc: 20.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



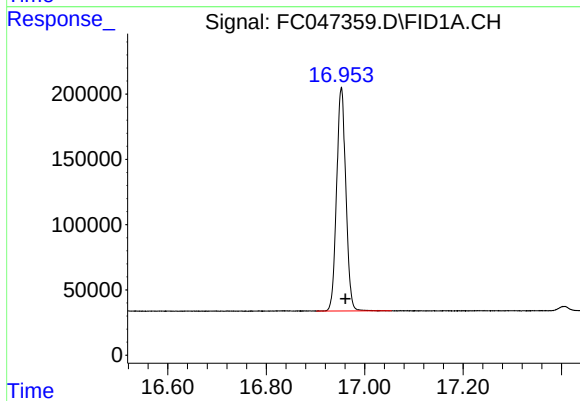
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.007 min
Response: 2332547
Conc: 20.62 ug/ml



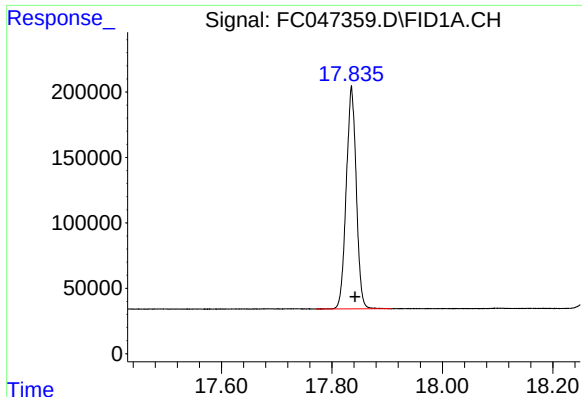
#15 n-Hexacosane (C26)

R.T.: 16.010 min
Delta R.T.: -0.006 min
Response: 2279618
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

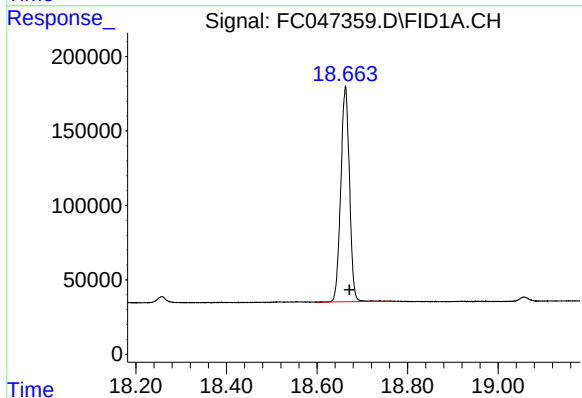
R.T.: 16.953 min
Delta R.T.: -0.008 min
Response: 2235141
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

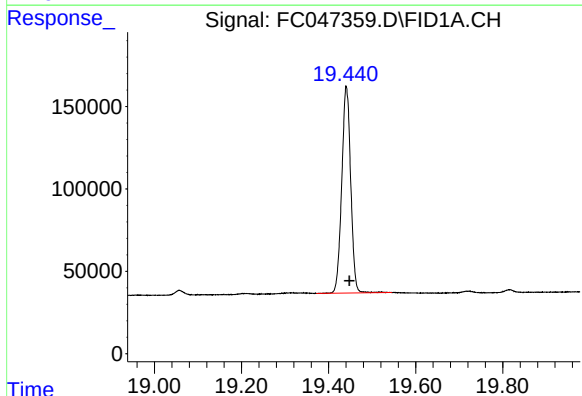
R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 2135672
Conc: 19.75 ug/ml

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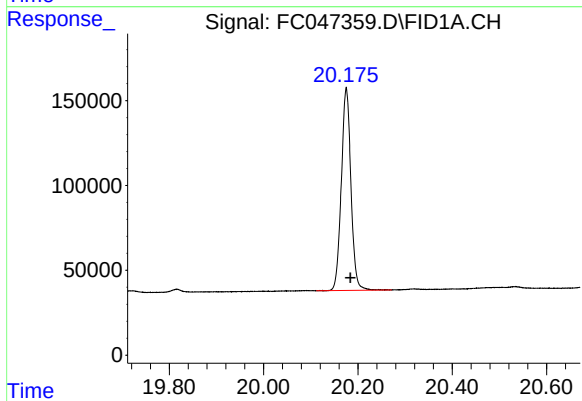
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 1929548
Conc: 19.57 ug/ml



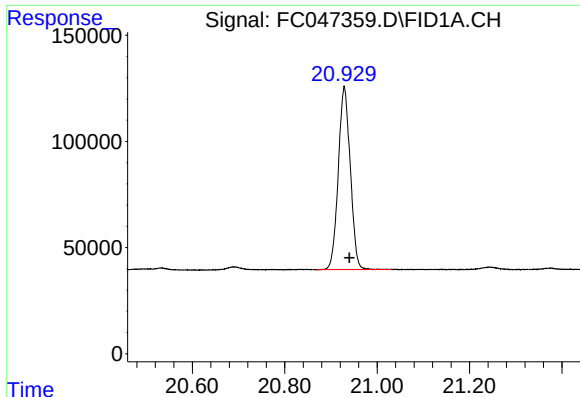
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.007 min
Response: 1789527
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

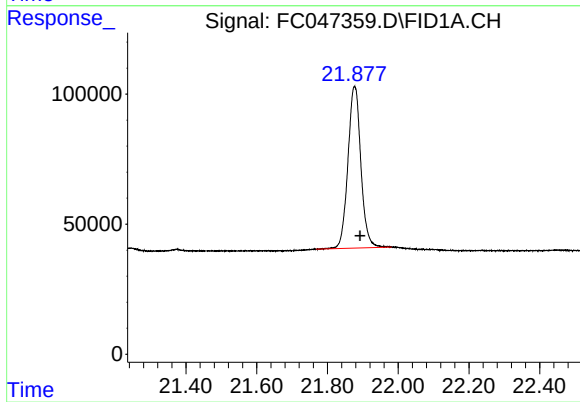
R.T.: 20.175 min
Delta R.T.: -0.009 min
Response: 1681278
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.929 min
Delta R.T.: -0.011 min
Response: 1549959
Conc: 19.21 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.015 min
Response: 1578498
Conc: 19.41 ug/ml