

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041221AL\
 Data File : FC053100.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2021 1:33
 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: sample.E
 Quant Time: Apr 13 04:29:36 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)	11.553	2662716	18.431 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
12) S 1-chlorooctadecane (S...	12.992	2103220	18.203 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.310	2415598	19.300 ug/ml
2) T n-Decane (C10)	4.376	2443968	19.413 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2698211	19.370 ug/ml
4) T n-Dodecane (C12)	6.395	2510147	19.599 ug/ml
5) T A~2-methylnaphthalene...	7.018	2753534	19.479 ug/ml
6) T n-Tetradecane (C14)	8.193	2508106	19.493 ug/ml
7) T n-Hexadecane (C16)	9.795	2464642	19.277 ug/ml
8) T n-Octadecane (C18)	11.238	2549120	18.849 ug/ml
10) T n-Eicosane (C20)	12.548	2524505	18.379 ug/ml
11) T n-Heneicosane (C21)	13.160	2484658	18.083 ug/ml
13) T n-Docosane (C22)	13.746	2444503	17.734 ug/ml
14) T n-Tetracosane (C24)	14.850	2359670	17.114 ug/ml
15) T n-Hexacosane (C26)	15.871	2244460	16.552 ug/ml
16) T n-Octacosane (C28)	16.821	2150182	16.131 ug/ml
17) T n-Tricontane (C30)	17.707	2050848	15.980 ug/ml
18) T n-Dotriacontane (C32)	18.540	1950940	16.330 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1888090	17.048 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1846026	18.294 ug/ml
21) T n-Octatriacontane (C38)	20.794	1766085	19.823 ug/ml
22) T n-Tetracontane (C40)	21.693	1853422	23.152 ug/ml

(f)=RT Delta > 1/2 Window

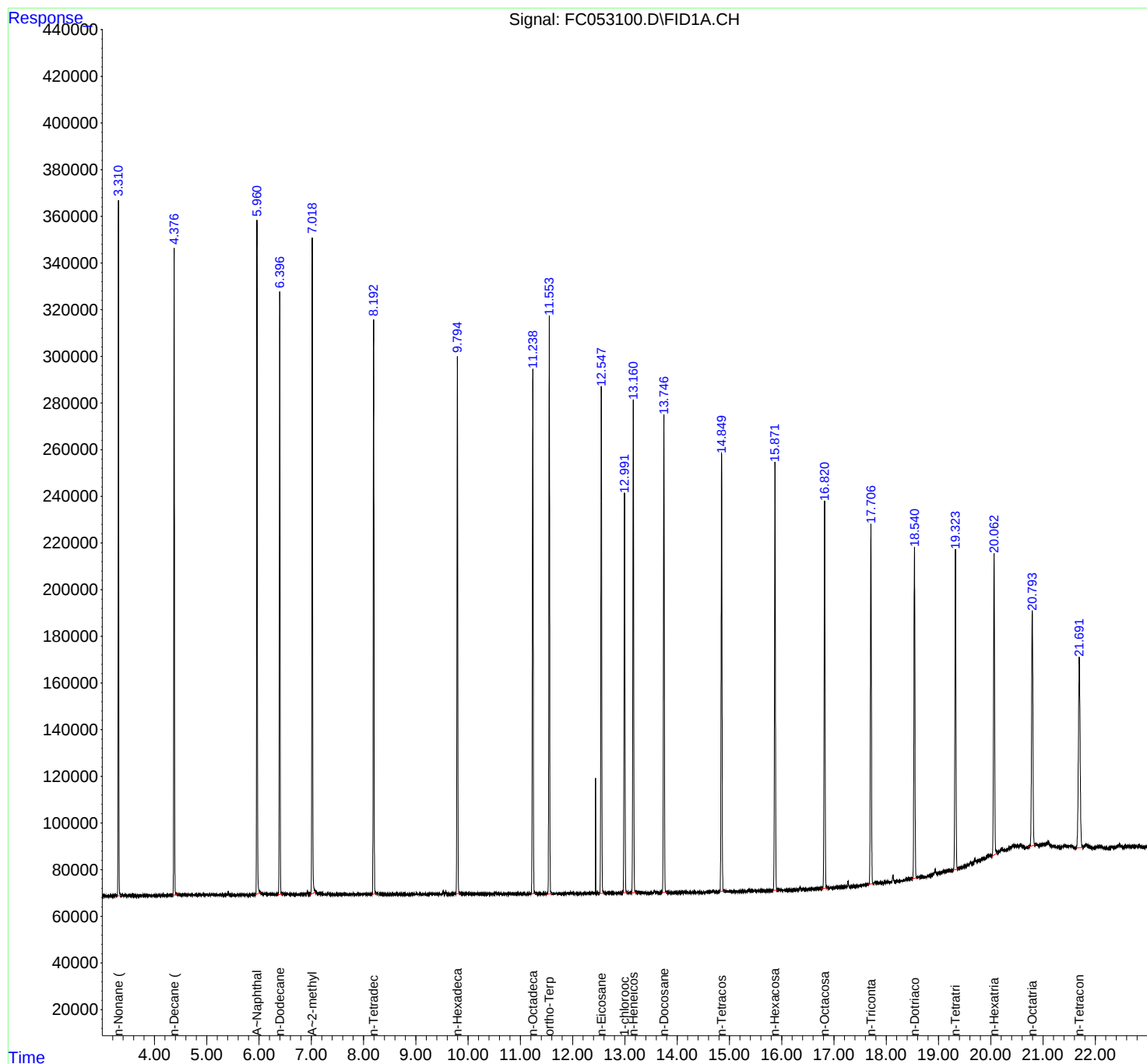
(m)=manual int.

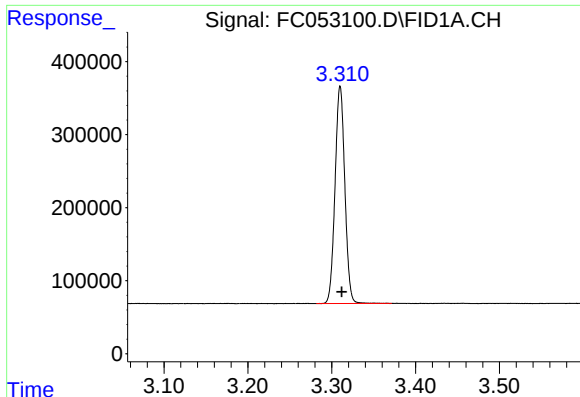
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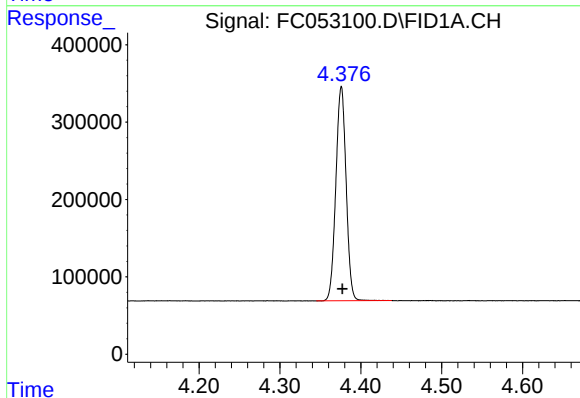




#1 n-Nonane (C9)

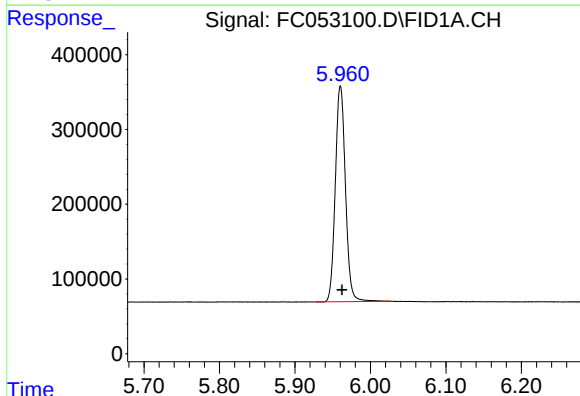
R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2415598
Conc: 19.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



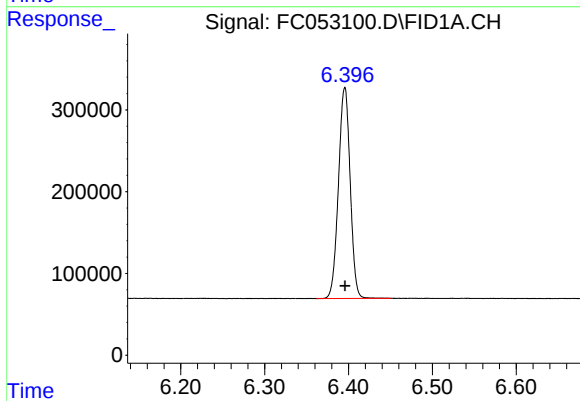
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 2443968
Conc: 19.41 ug/ml



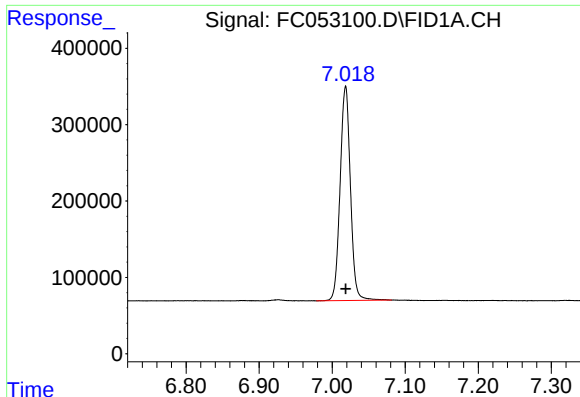
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2698211
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

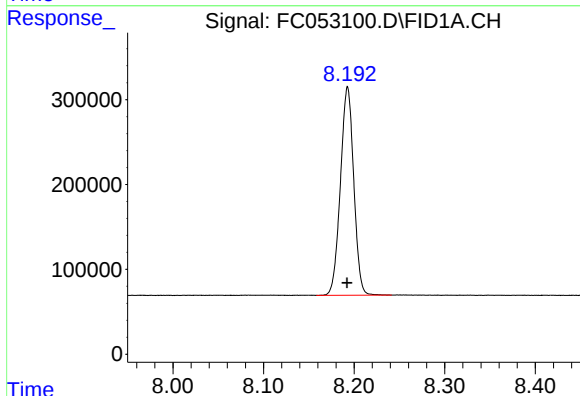
R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 2510147
Conc: 19.60 ug/ml



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

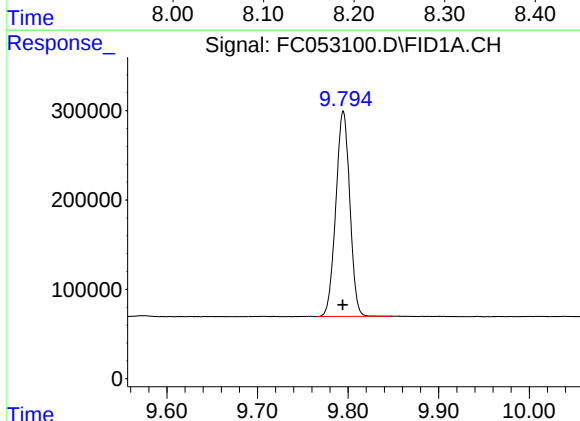
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2753534
Conc: 19.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



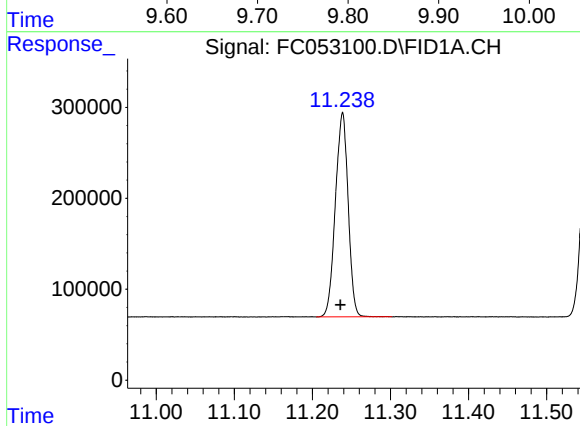
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2508106
Conc: 19.49 ug/ml



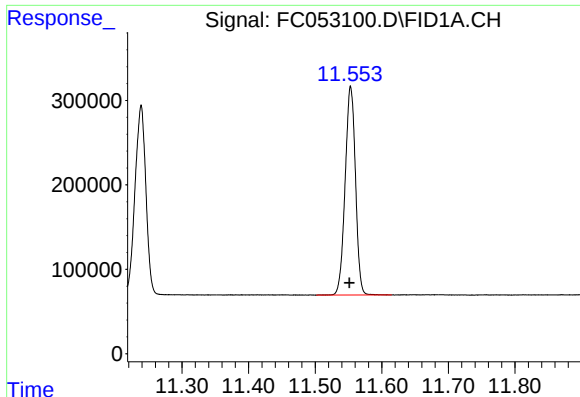
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 2464642
Conc: 19.28 ug/ml



#8 n-Octadecane (C18)

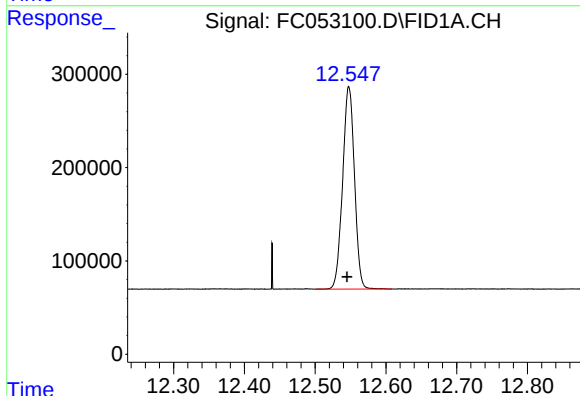
R.T.: 11.238 min
Delta R.T.: 0.002 min
Response: 2549120
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

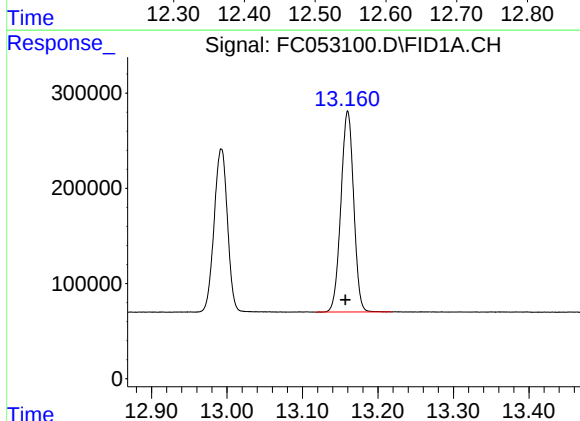
R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 2662716
Conc: 18.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



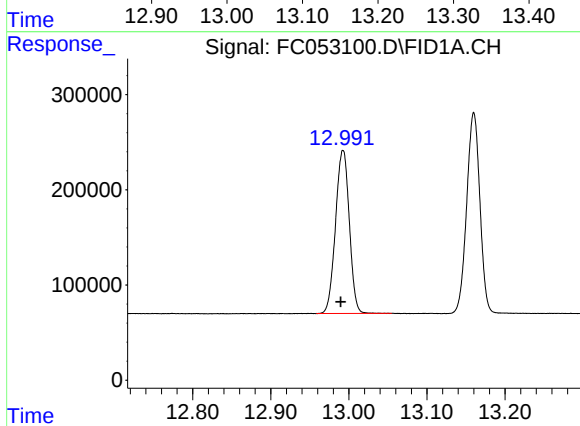
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.002 min
Response: 2524505
Conc: 18.38 ug/ml



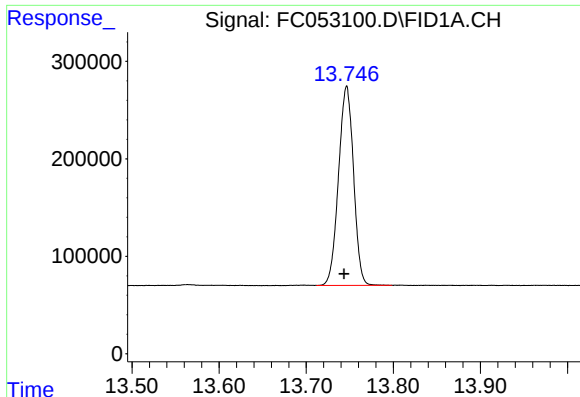
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.003 min
Response: 2484658
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

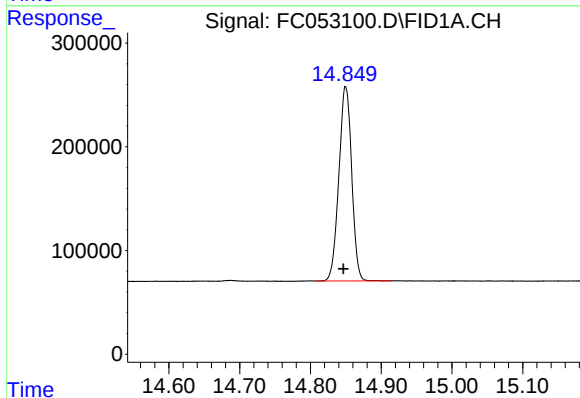
R.T.: 12.992 min
Delta R.T.: 0.003 min
Response: 2103220
Conc: 18.20 ug/ml



#13 n-Docosane (C22)

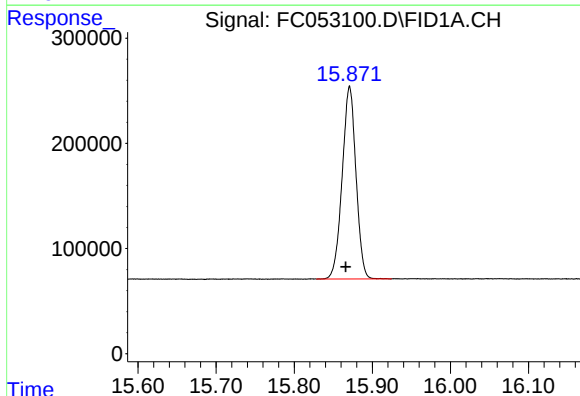
R.T.: 13.746 min
Delta R.T.: 0.003 min
Response: 2444503
Conc: 17.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



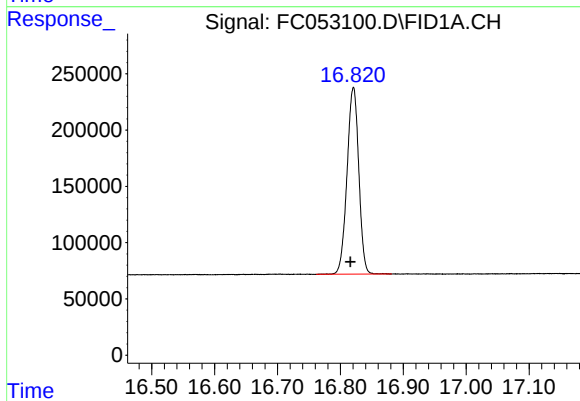
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.003 min
Response: 2359670
Conc: 17.11 ug/ml



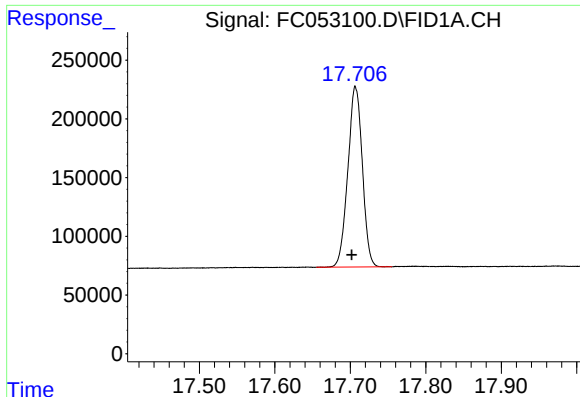
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.005 min
Response: 2244460
Conc: 16.55 ug/ml



#16 n-Octacosane (C28)

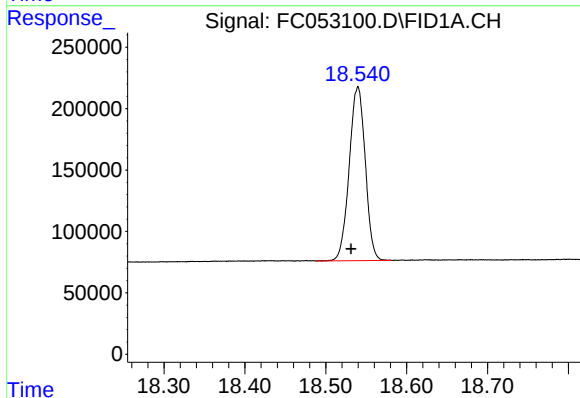
R.T.: 16.821 min
Delta R.T.: 0.004 min
Response: 2150182
Conc: 16.13 ug/ml



#17 n-Tricontane (C30)

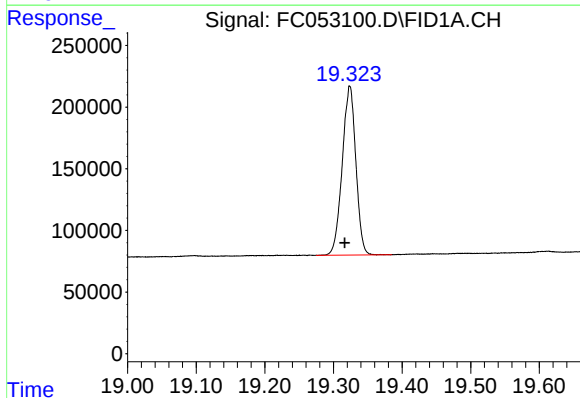
R.T.: 17.707 min
Delta R.T.: 0.005 min
Response: 2050848
Conc: 15.98 ug/ml

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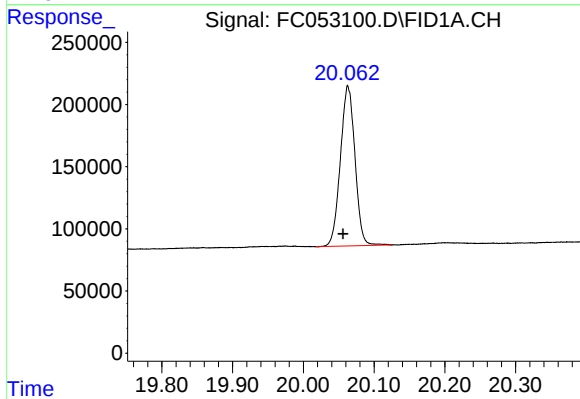
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: 0.008 min
Response: 1950940
Conc: 16.33 ug/ml



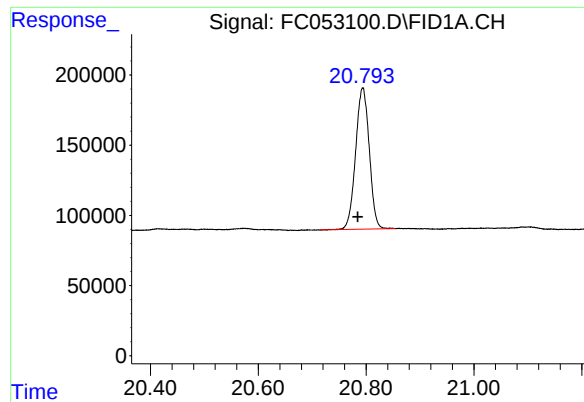
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.007 min
Response: 1888090
Conc: 17.05 ug/ml



#20 n-Hexatriacontane (C36)

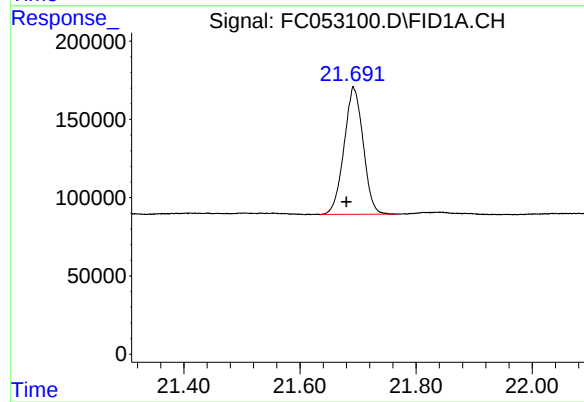
R.T.: 20.063 min
Delta R.T.: 0.007 min
Response: 1846026
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: 0.009 min
Response: 1766085
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: 0.012 min
Response: 1853422
Conc: 23.15 ug/ml