

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040921AL\
 Data File : FC053038.D
 Signal(s) : FID1A.CH
 Acq On : 09 Apr 2021 11:28
 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 10 00:12:49 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)	11.555	2796025	19.354 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	12.994	2210808	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.313	2530887	20.221 ug/ml
2) T n-Decane (C10)	4.379	2561799	20.349 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2848701	20.450 ug/ml
4) T n-Dodecane (C12)	6.398	2634001	20.566 ug/ml
5) T A~2-methylnaphthalene...	7.022	2906866	20.564 ug/ml
6) T n-Tetradecane (C14)	8.196	2644558	20.554 ug/ml
7) T n-Hexadecane (C16)	9.797	2598446	20.323 ug/ml
8) T n-Octadecane (C18)	11.240	2684719	19.852 ug/ml
10) T n-Eicosane (C20)	12.549	2651985	19.307 ug/ml
11) T n-Heneicosane (C21)	13.162	2607331	18.976 ug/ml
13) T n-Docosane (C22)	13.748	2575096	18.682 ug/ml
14) T n-Tetracosane (C24)	14.851	2480626	17.991 ug/ml
15) T n-Hexacosane (C26)	15.871	2356929	17.381 ug/ml
16) T n-Octacosane (C28)	16.821	2243324	16.830 ug/ml
17) T n-Tricontane (C30)	17.709	2140591	16.679 ug/ml
18) T n-Dotriacontane (C32)	18.540	2056263	17.212 ug/ml
19) T n-Tetratriacontane (C34)	19.323	1972393	17.809 ug/ml
20) T n-Hexatriacontane (C36)	20.062	1930389	19.130 ug/ml
21) T n-Octatriacontane (C38)	20.793	1852283	20.791 ug/ml
22) T n-Tetracontane (C40)	21.694	1925420	24.051 ug/ml

(f)=RT Delta > 1/2 Window

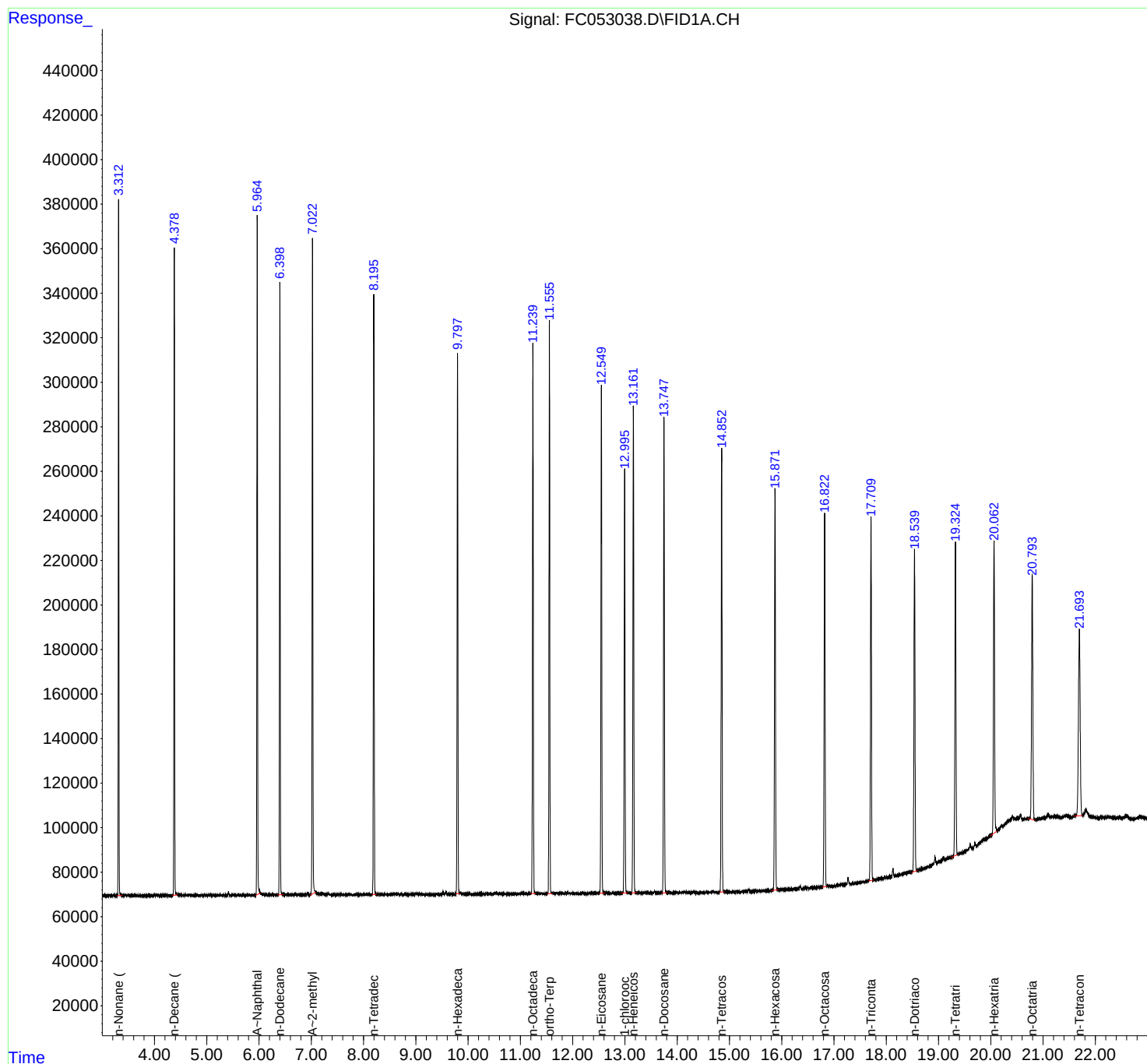
(m)=manual int.

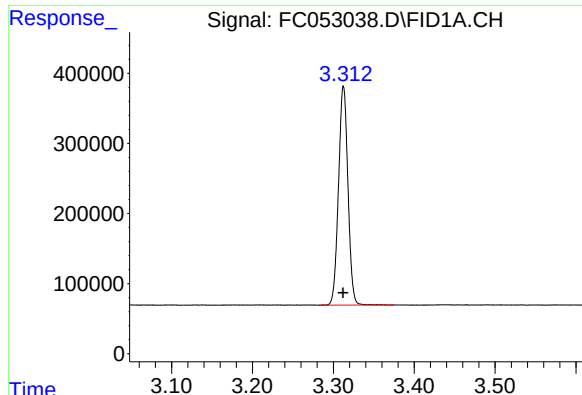
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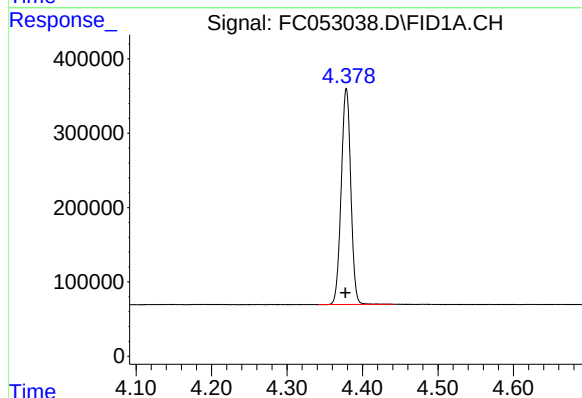




#1 n-Nonane (C9)

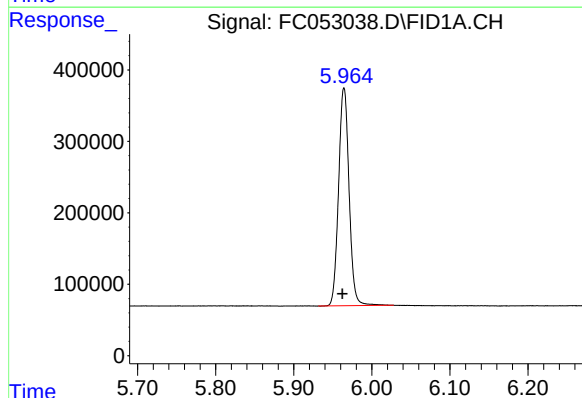
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2530887
Conc: 20.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



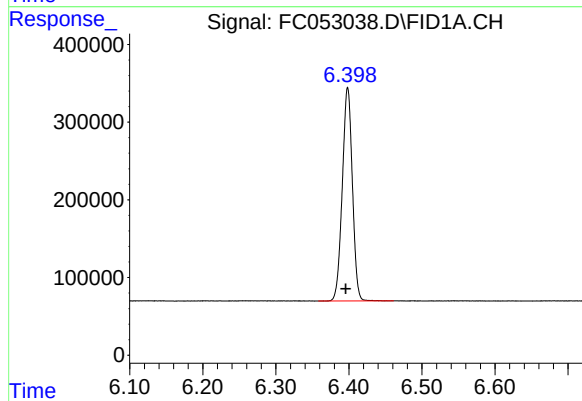
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.001 min
Response: 2561799
Conc: 20.35 ug/ml



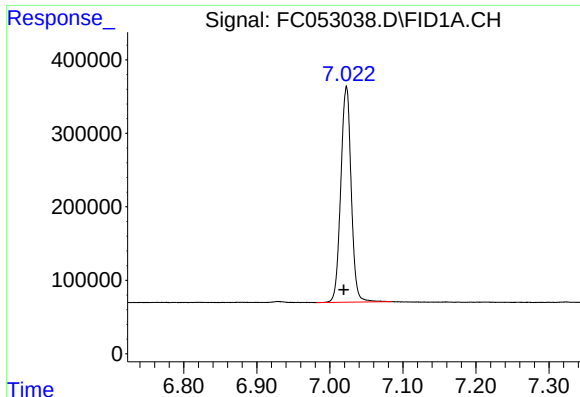
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 2848701
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

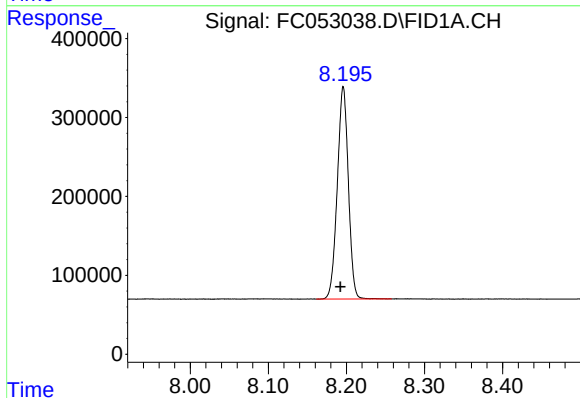
R.T.: 6.398 min
Delta R.T.: 0.003 min
Response: 2634001
Conc: 20.57 ug/ml



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

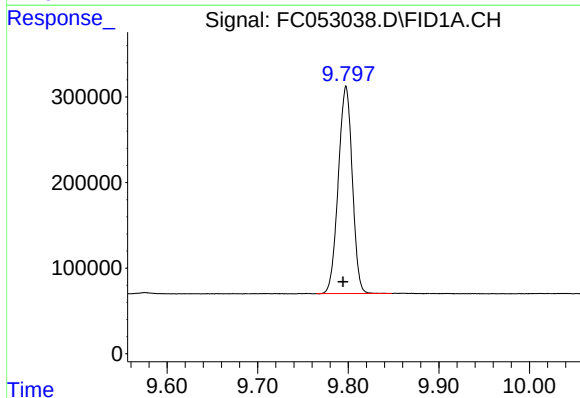
R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 2906866
Conc: 20.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



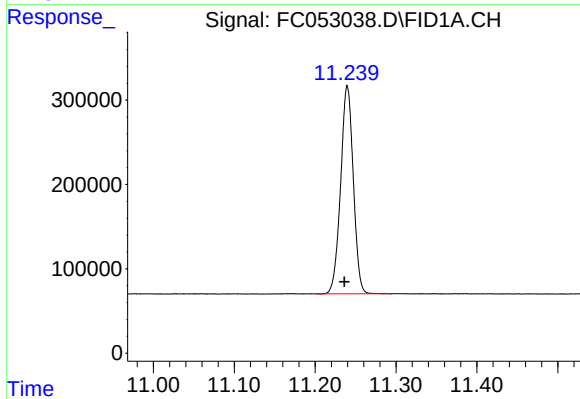
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: 0.004 min
Response: 2644558
Conc: 20.55 ug/ml



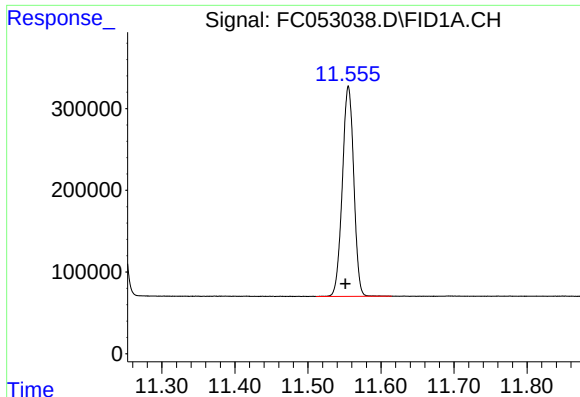
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: 0.003 min
Response: 2598446
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

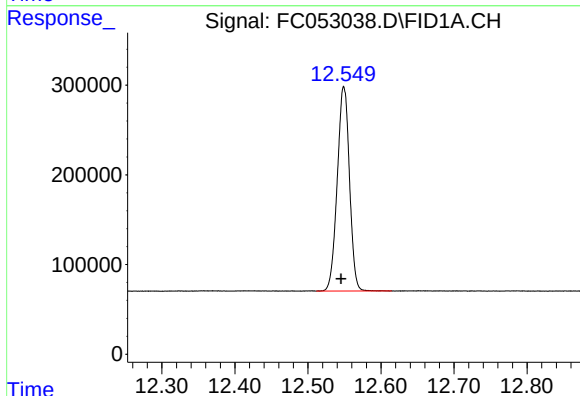
R.T.: 11.240 min
Delta R.T.: 0.004 min
Response: 2684719
Conc: 19.85 ug/ml



#9 ortho-Terphenyl (SURR)

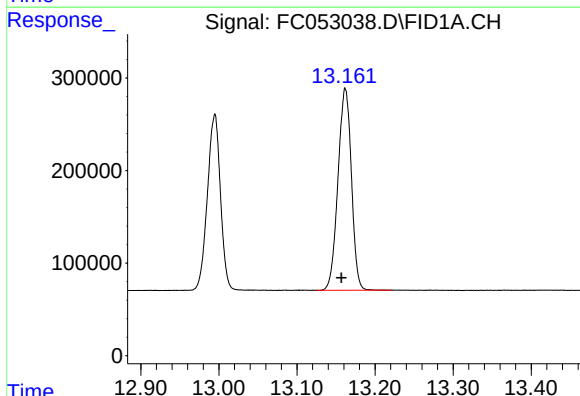
R.T.: 11.555 min
Delta R.T.: 0.004 min
Response: 2796025
Conc: 19.35 ug/ml

Instrument :
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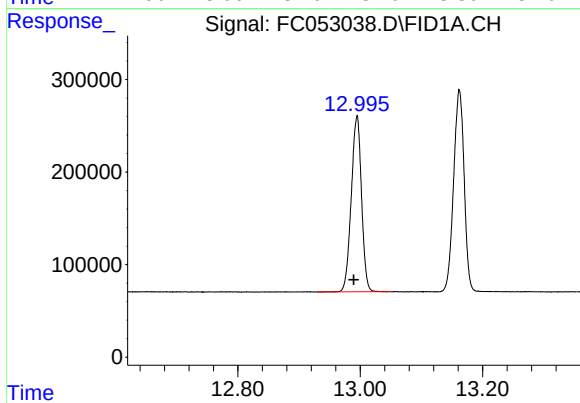
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: 0.004 min
Response: 2651985
Conc: 19.31 ug/ml



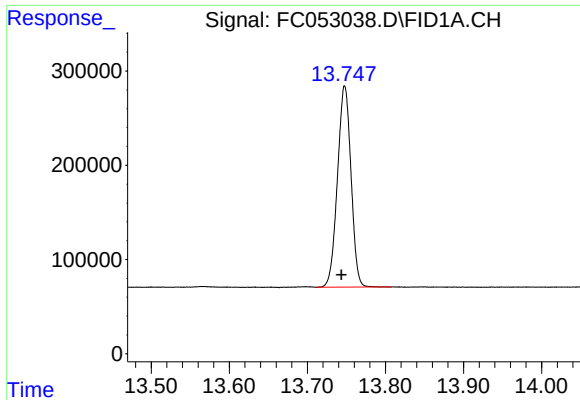
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: 0.005 min
Response: 2607331
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

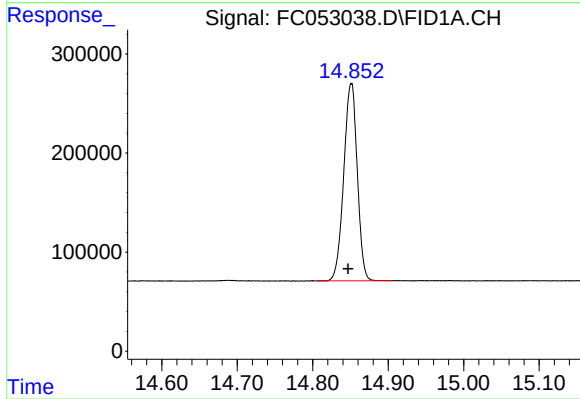
R.T.: 12.994 min
Delta R.T.: 0.005 min
Response: 2210808
Conc: 19.13 ug/ml



#13 n-Docosane (C22)

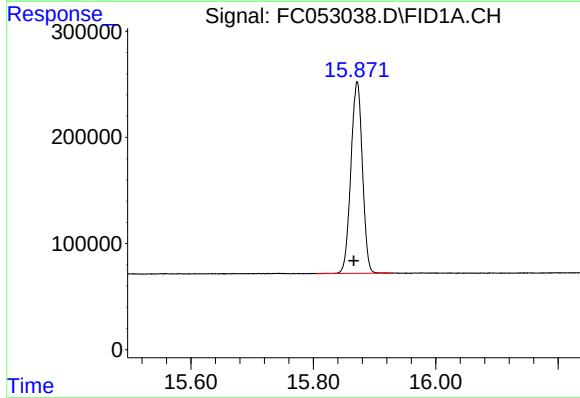
R.T.: 13.748 min
Delta R.T.: 0.004 min
Response: 2575096
Conc: 18.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



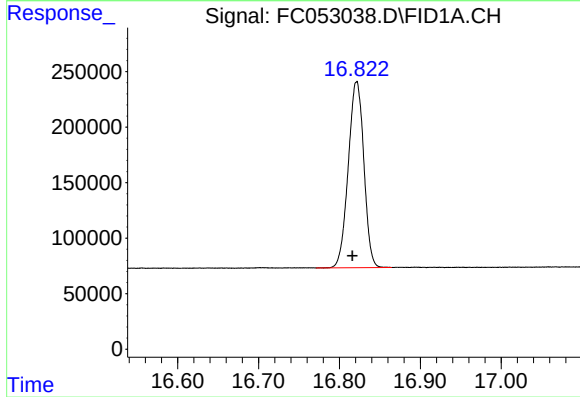
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.004 min
Response: 2480626
Conc: 17.99 ug/ml



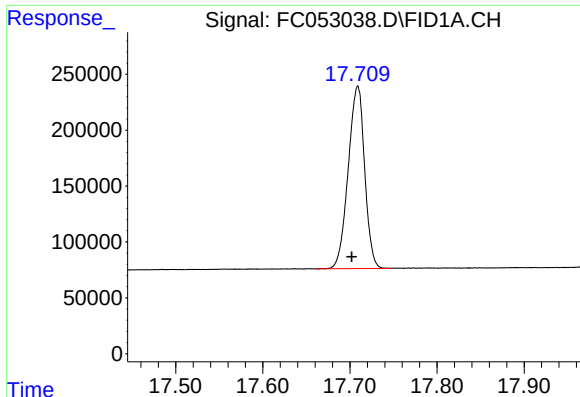
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.005 min
Response: 2356929
Conc: 17.38 ug/ml



#16 n-Octacosane (C28)

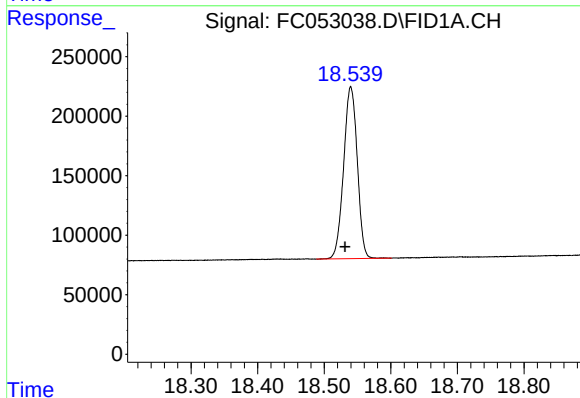
R.T.: 16.821 min
Delta R.T.: 0.005 min
Response: 2243324
Conc: 16.83 ug/ml



#17 n-Tricontane (C30)

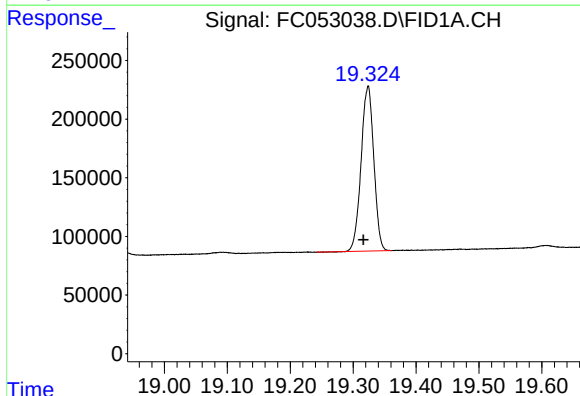
R.T.: 17.709 min
Delta R.T.: 0.006 min
Response: 2140591
Conc: 16.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



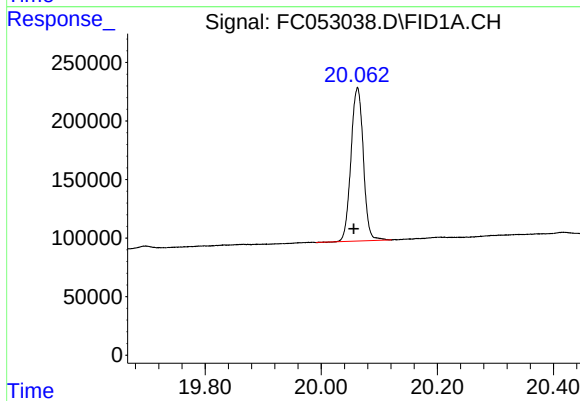
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: 0.008 min
Response: 2056263
Conc: 17.21 ug/ml



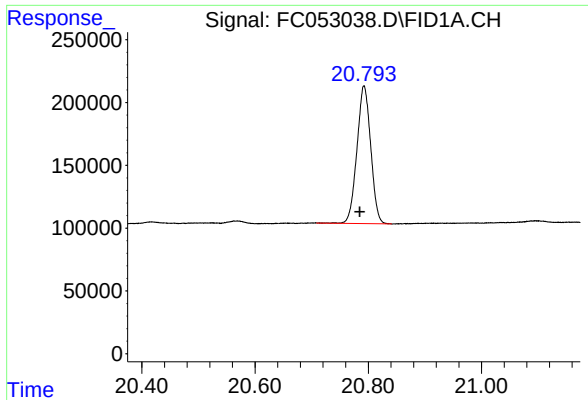
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.007 min
Response: 1972393
Conc: 17.81 ug/ml



#20 n-Hexatriacontane (C36)

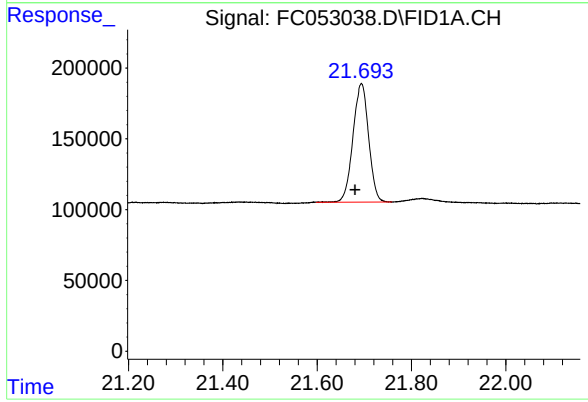
R.T.: 20.062 min
Delta R.T.: 0.006 min
Response: 1930389
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: 0.008 min
Response: 1852283
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: 0.014 min
Response: 1925420
Conc: 24.05 ug/ml