

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053455.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2021 5:27
 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 28 07:06:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.547	2539891	18.352 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	12.988	1939895	17.923 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.300	2543979	21.928 ug/ml
2) T n-Decane (C10)	4.367	2596597	22.187 ug/ml
3) T A~Naphthalene (C11.7)	5.953	2904214	22.324 ug/ml
4) T n-Dodecane (C12)	6.388	2678557	22.446 ug/ml
5) T A~2-methylnaphthalene...	7.011	2917704	22.074 ug/ml
6) T n-Tetradecane (C14)	8.186	2666770	21.912 ug/ml
7) T n-Hexadecane (C16)	9.789	2509963	20.860 ug/ml
8) T n-Octadecane (C18)	11.232	2489306	19.645 ug/ml
10) T n-Eicosane (C20)	12.544	2386551	18.610 ug/ml
11) T n-Heneicosane (C21)	13.156	2334053	18.174 ug/ml
13) T n-Docosane (C22)	13.743	2283602	17.719 ug/ml
14) T n-Tetracosane (C24)	14.849	2245998	17.390 ug/ml
15) T n-Hexacosane (C26)	15.871	2241569	17.442 ug/ml
16) T n-Octacosane (C28)	16.822	2245402	17.338 ug/ml
17) T n-Tricontane (C30)	17.711	2345773	17.420 ug/ml
18) T n-Dotriacontane (C32)	18.545	2661666	19.408 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2996369	22.961 ug/ml
20) T n-Hexatriacontane (C36)	20.070	3767271	31.115 ug/ml
21) T n-Octatriacontane (C38)	20.804	4466094	42.385 ug/ml
22) T n-Tetracontane (C40)	21.707	5366930	51.258 ug/ml

(f)=RT Delta > 1/2 Window

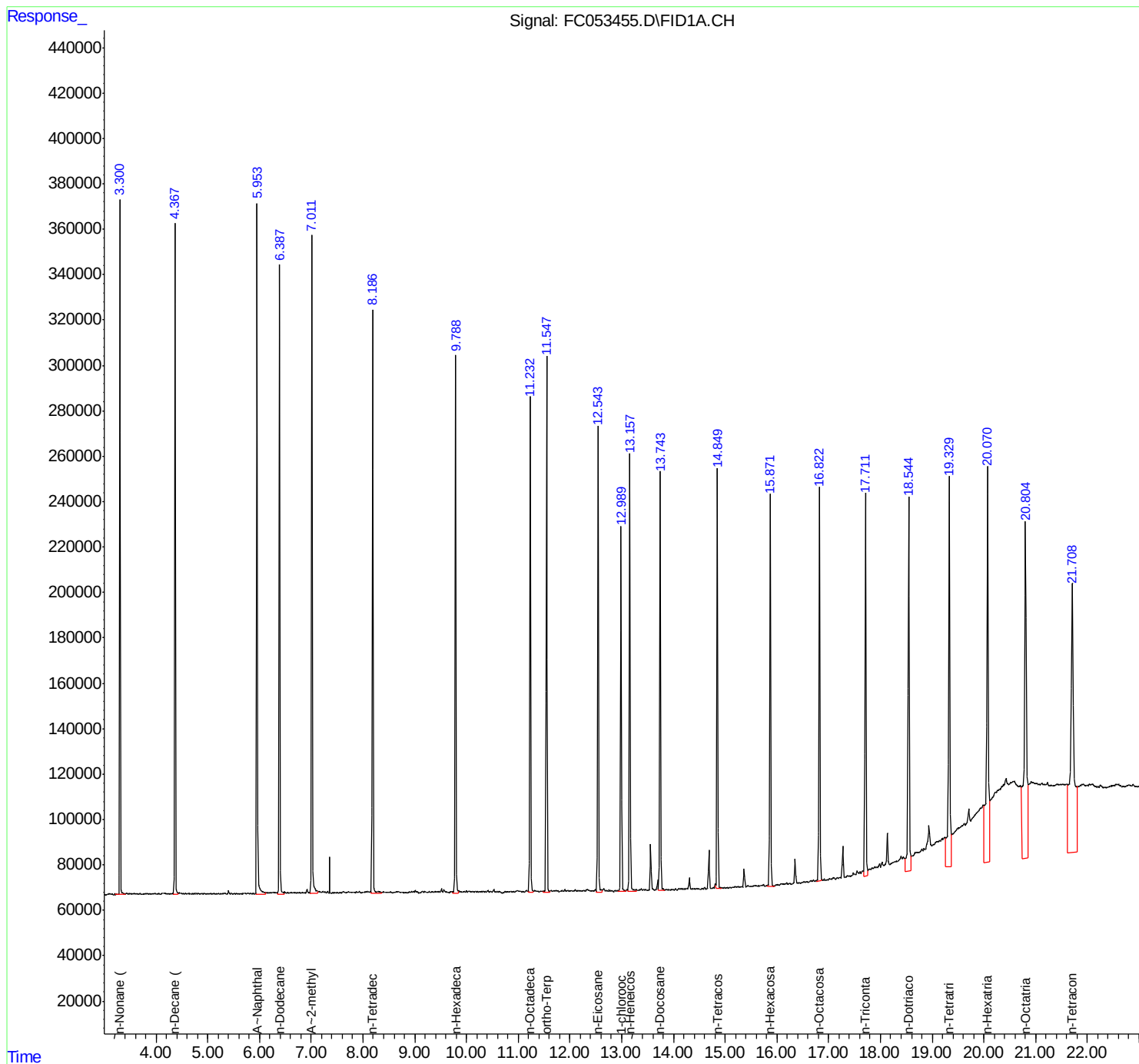
(m)=manual int.

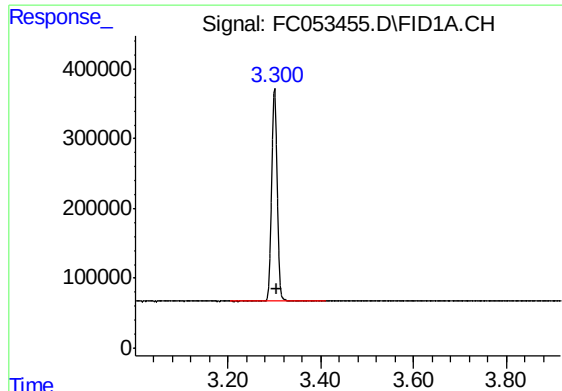
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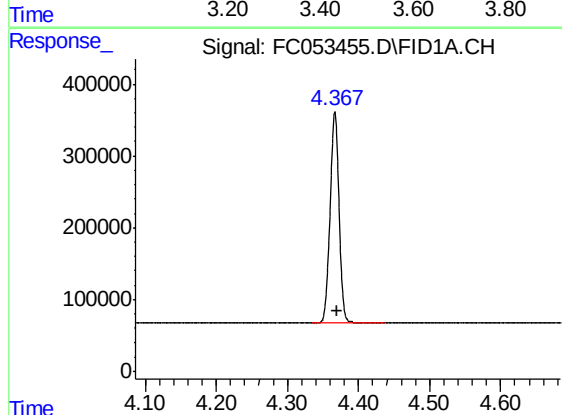




#1 n-Nonane (C9)

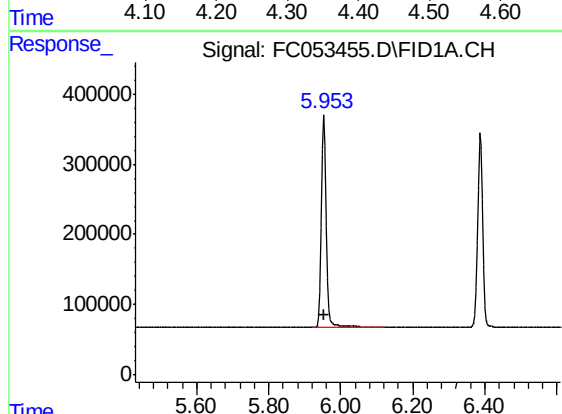
R.T.: 3.300 min
Delta R.T.: -0.004 min
Response: 2543979
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



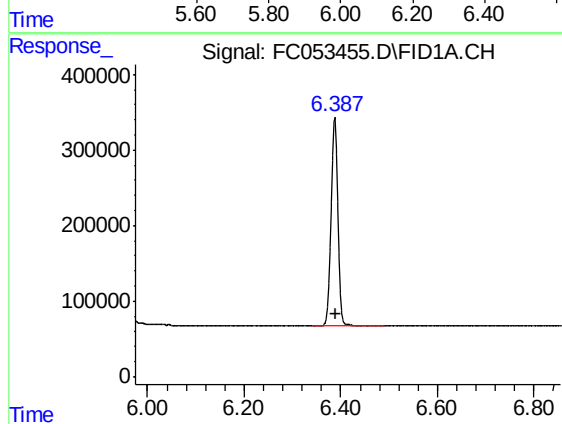
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.003 min
Response: 2596597
Conc: 22.19 ug/ml



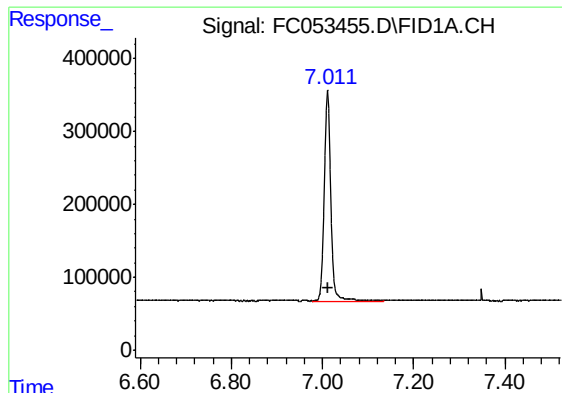
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 2904214
Conc: 22.32 ug/ml



#4 n-Dodecane (C12)

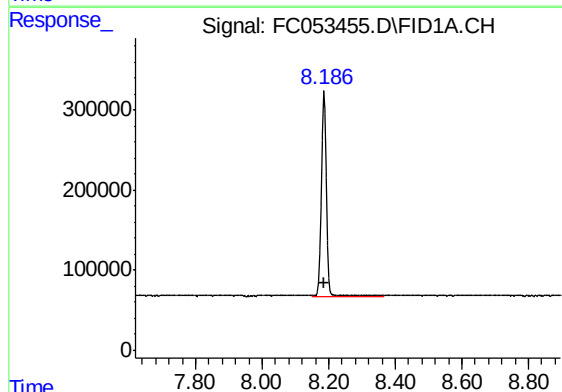
R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 2678557
Conc: 22.45 ug/ml



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

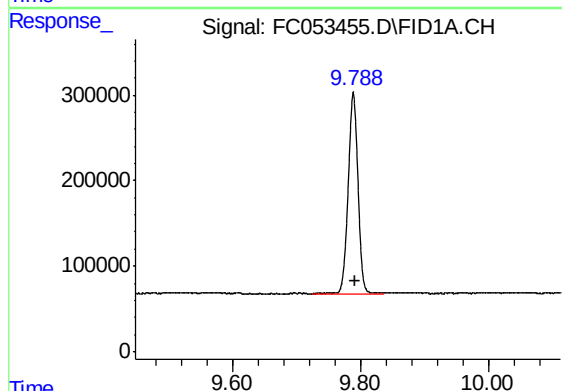
R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 2917704
Conc: 22.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



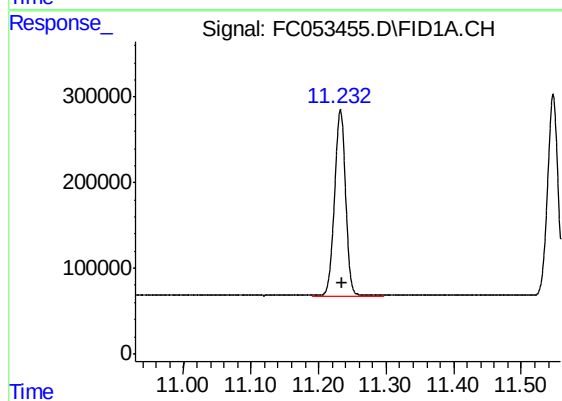
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 2666770
Conc: 21.91 ug/ml



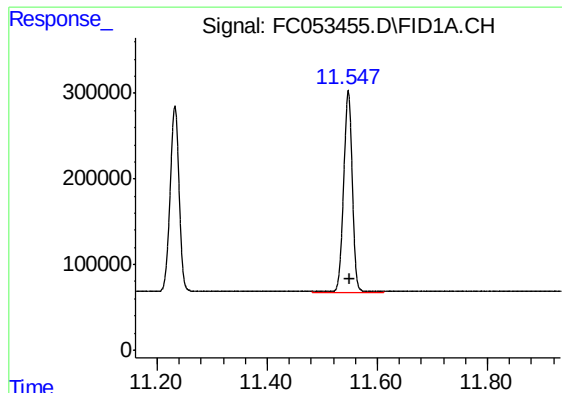
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.002 min
Response: 2509963
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

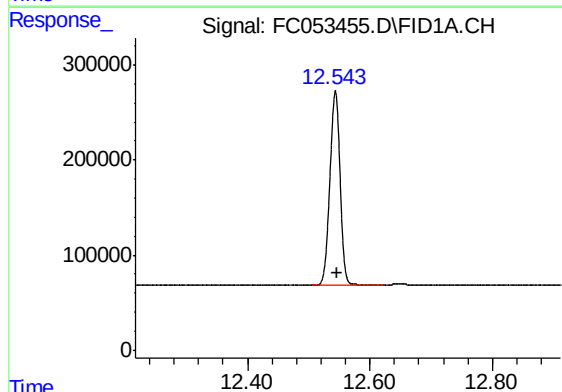
R.T.: 11.232 min
Delta R.T.: -0.002 min
Response: 2489306
Conc: 19.65 ug/ml



#9 ortho-Terphenyl (SURR)

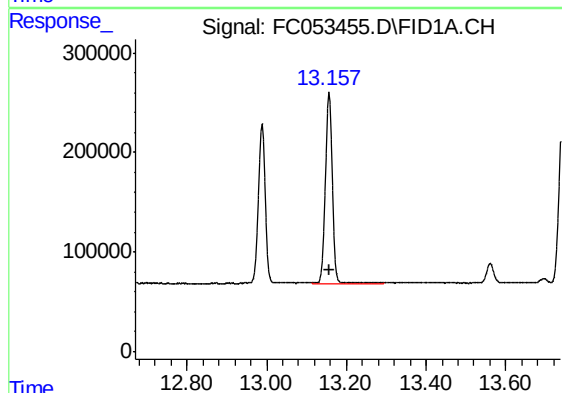
R.T.: 11.547 min
Delta R.T.: -0.002 min
Response: 2539891
Conc: 18.35 ug/ml

Instrument :
FID_C
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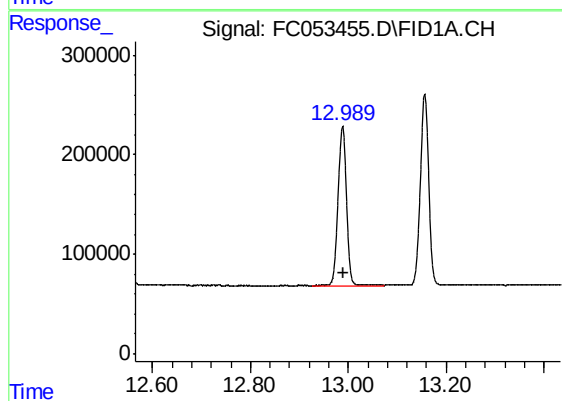
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.002 min
Response: 2386551
Conc: 18.61 ug/ml



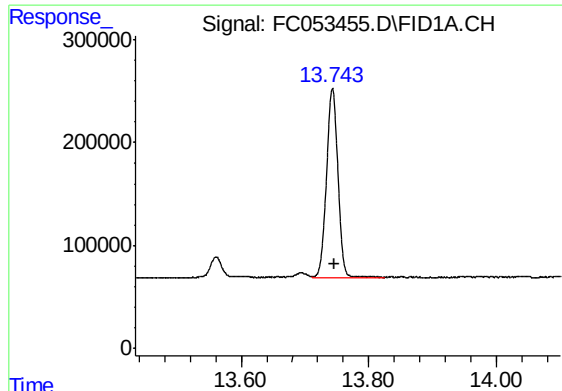
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.002 min
Response: 2334053
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

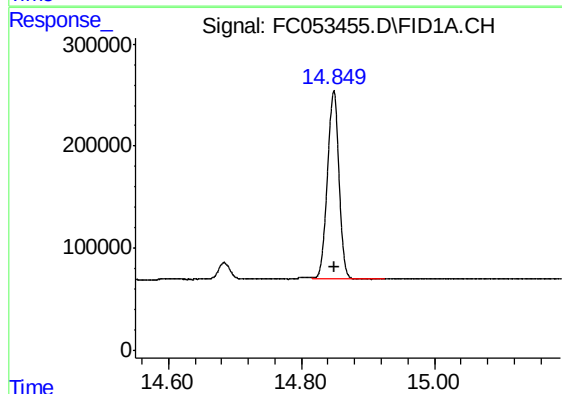
R.T.: 12.988 min
Delta R.T.: -0.001 min
Response: 1939895
Conc: 17.92 ug/ml



#13 n-Docosane (C22)

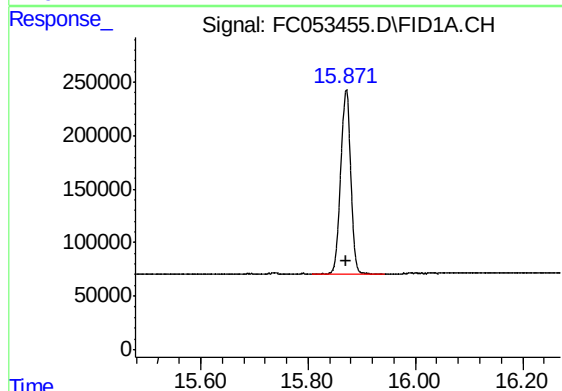
R.T.: 13.743 min
Delta R.T.: -0.003 min
Response: 2283602
Conc: 17.72 ug/ml

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20 PPM ALIPHATIC HC STD



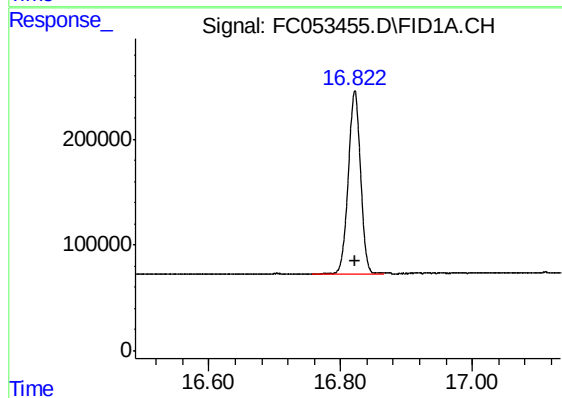
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.001 min
Response: 2245998
Conc: 17.39 ug/ml



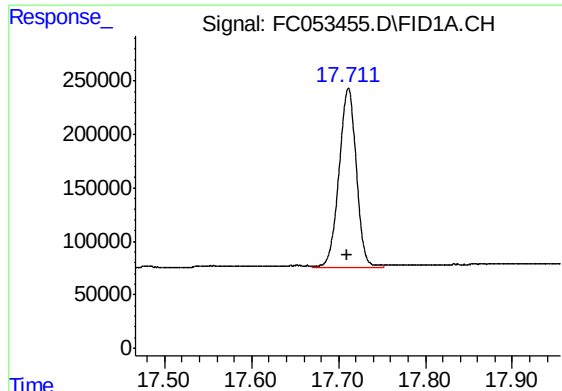
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2241569
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

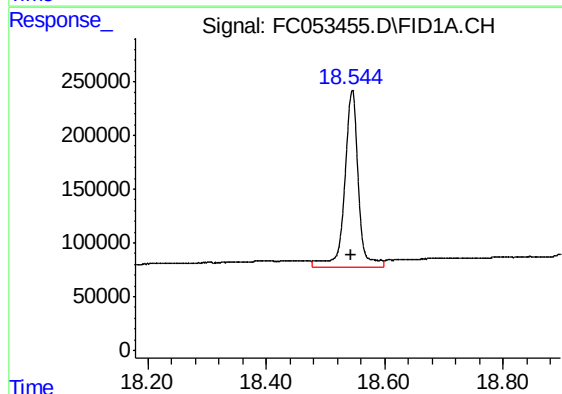
R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 2245402
Conc: 17.34 ug/ml



#17 n-Tricontane (C30)

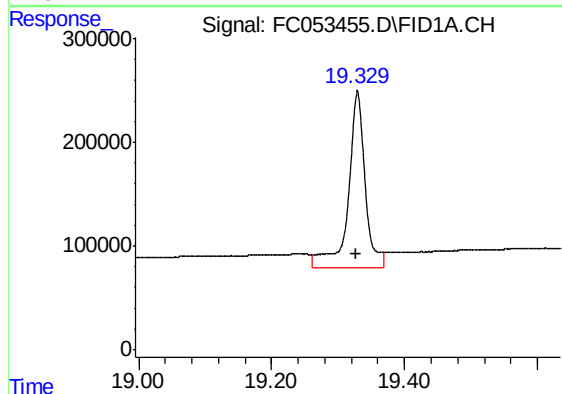
R.T.: 17.711 min
Delta R.T.: 0.000 min
Response: 2345773
Conc: 17.42 ug/ml

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FID_C
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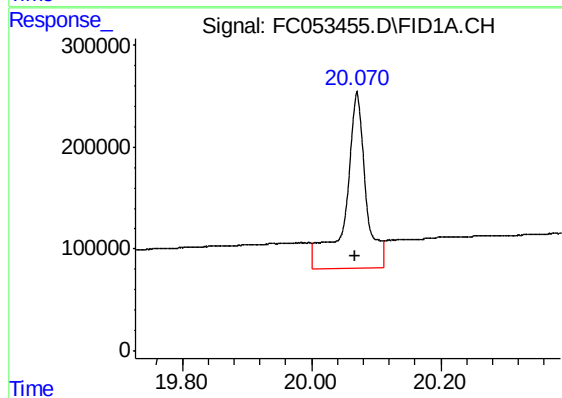
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.001 min
Response: 2661666
Conc: 19.41 ug/ml



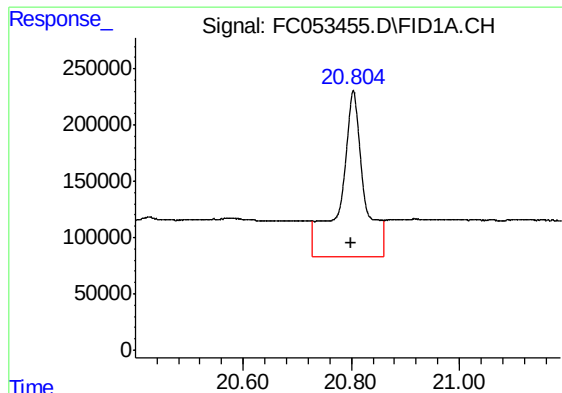
#19 n-Tetatriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.002 min
Response: 2996369
Conc: 22.96 ug/ml



#20 n-Hexatriacontane (C36)

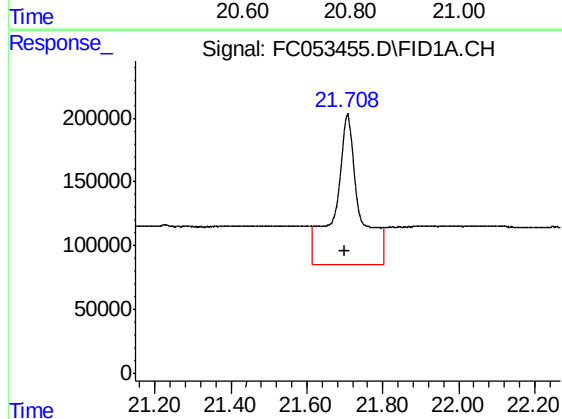
R.T.: 20.070 min
Delta R.T.: 0.002 min
Response: 3767271
Conc: 31.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.004 min
Response: 4466094
Conc: 42.38 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.006 min
Response: 5366930
Conc: 51.26 ug/ml