

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041921AL\
 Data File : FC053282.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2021 4:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 20 05:05:10 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	2615801	18.106 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
12) S 1-chlorooctadecane (S...	12.992	2058405	17.815 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.305	2493120	19.919 ug/ml
2) T n-Decane (C10)	4.371	2523760	20.047 ug/ml
3) T A~Naphthalene (C11.7)	5.957	2757193	19.793 ug/ml
4) T n-Dodecane (C12)	6.392	2582592	20.165 ug/ml
5) T A~2-methylnaphthalene...	7.015	2793380	19.761 ug/ml
6) T n-Tetradecane (C14)	8.190	2568760	19.964 ug/ml
7) T n-Hexadecane (C16)	9.792	2511150	19.640 ug/ml
8) T n-Octadecane (C18)	11.237	2562318	18.946 ug/ml
10) T n-Eicosane (C20)	12.548	2489287	18.123 ug/ml
11) T n-Heneicosane (C21)	13.160	2434292	17.717 ug/ml
13) T n-Docosane (C22)	13.747	2378601	17.256 ug/ml
14) T n-Tetracosane (C24)	14.851	2262573	16.410 ug/ml
15) T n-Hexacosane (C26)	15.873	2136763	15.757 ug/ml
16) T n-Octacosane (C28)	16.823	2062676	15.475 ug/ml
17) T n-Tricontane (C30)	17.711	2037254	15.874 ug/ml
18) T n-Dotriacontane (C32)	18.545	1999109	16.733 ug/ml
19) T n-Tetratriacontane (C34)	19.330	1982750	17.903 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1928314	19.109 ug/ml
21) T n-Octatriacontane (C38)	20.802	1870865	20.999 ug/ml
22) T n-Tetracontane (C40)	21.704	1935274	24.174 ug/ml

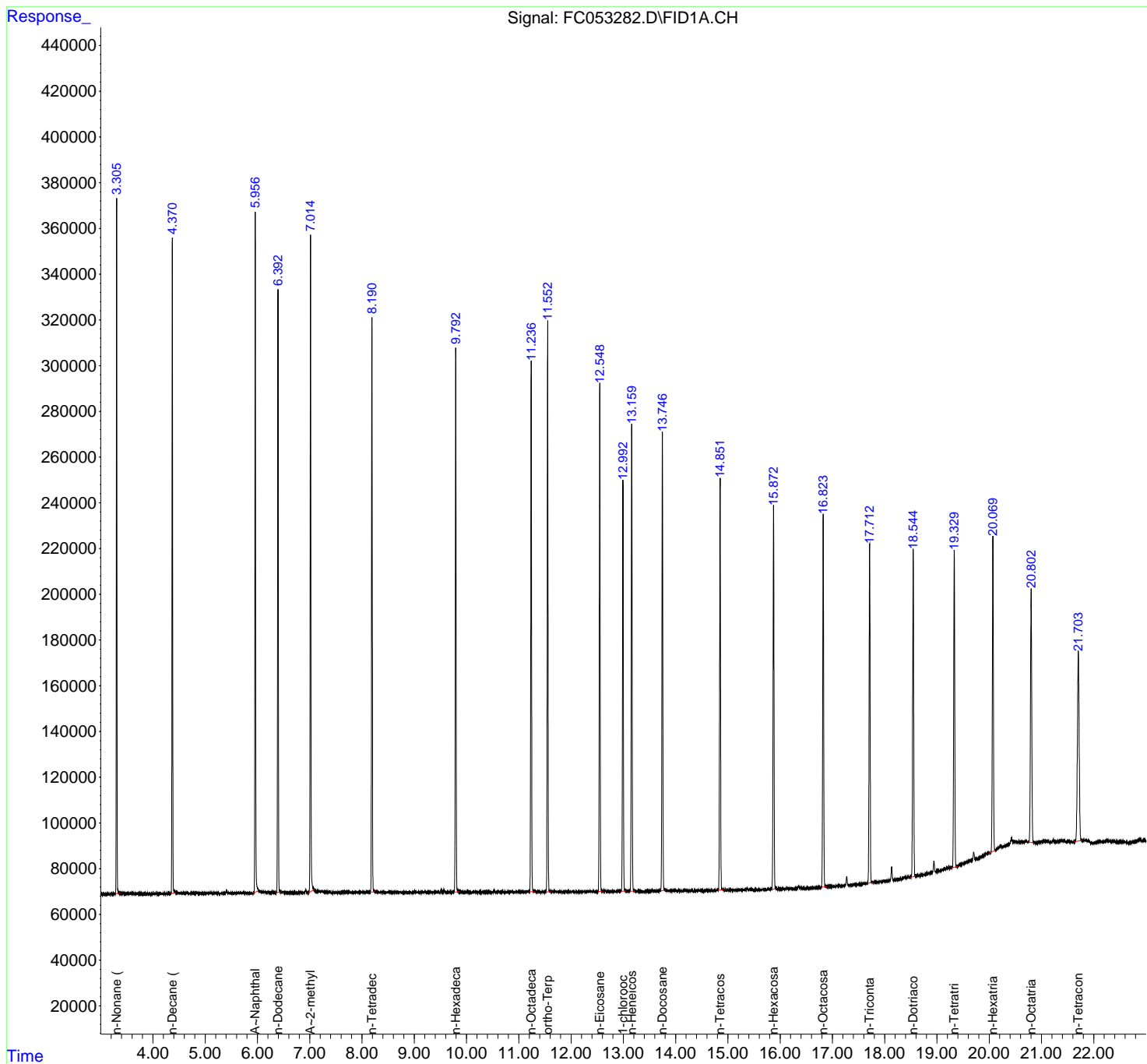
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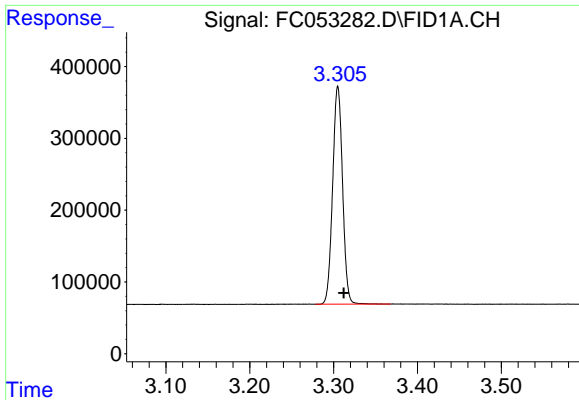
(m)=manual int.

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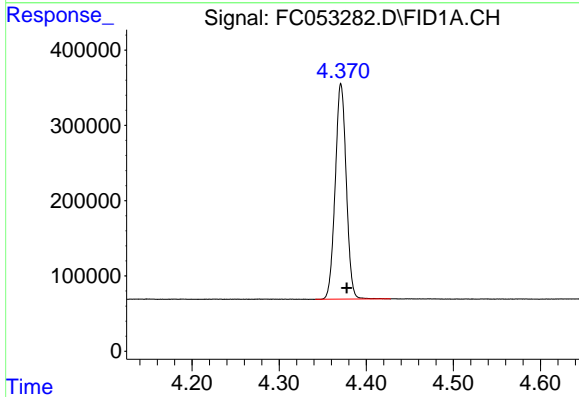
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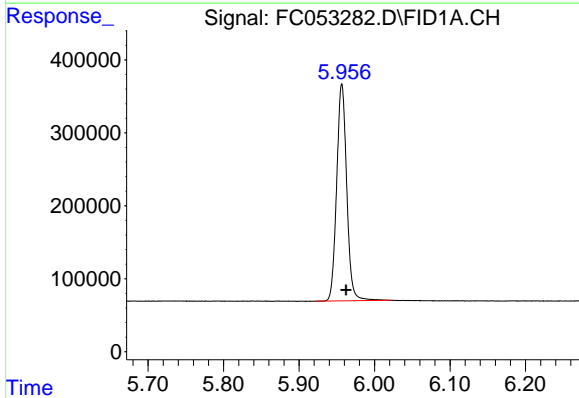




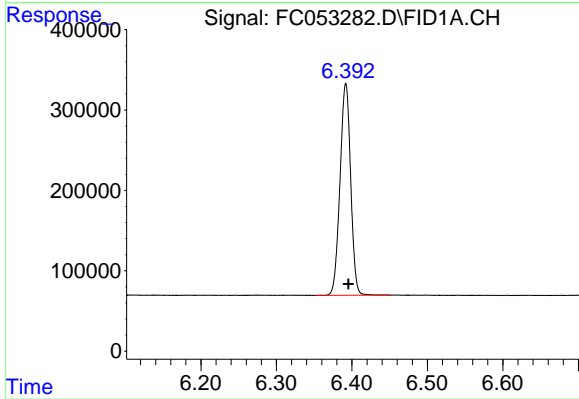
#1 n-Nonane (C9)
R.T.: 3.305 min
Delta R.T.: -0.007 min
Response: 2493120
Conc: 19.92 ug/ml



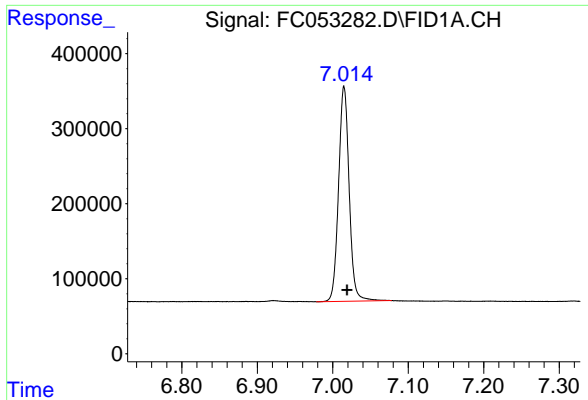
#2 n-Decane (C10)
R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 2523760
Conc: 20.05 ug/ml



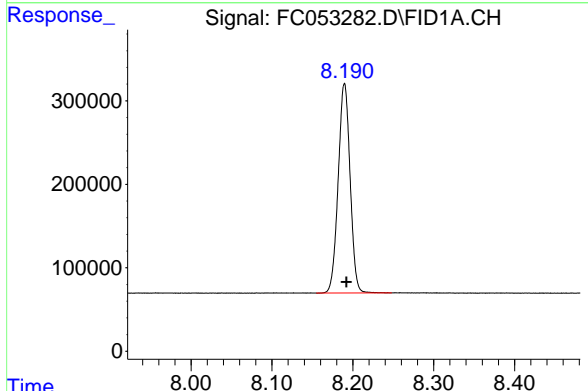
#3 A~Naphthalene (C11.7)
R.T.: 5.957 min
Delta R.T.: -0.006 min
Response: 2757193
Conc: 19.79 ug/ml



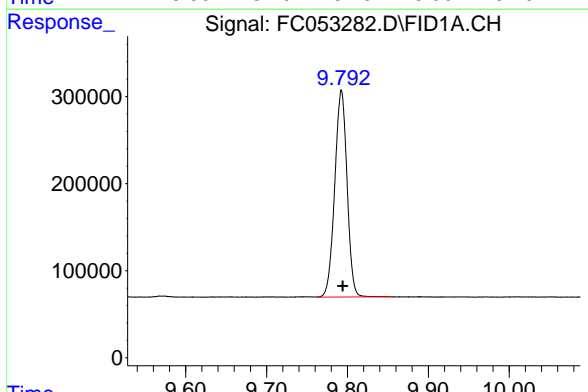
#4 n-Dodecane (C12)
R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 2582592
Conc: 20.16 ug/ml



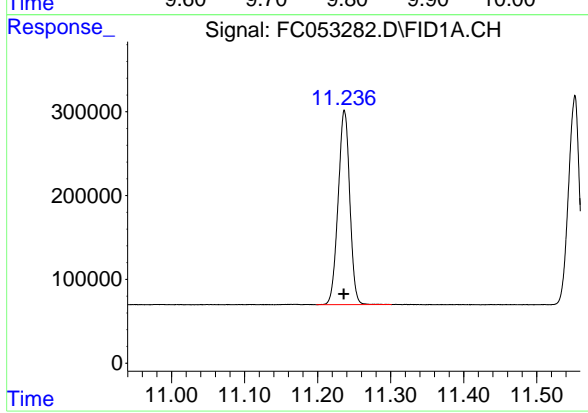
#5 A~2-methylnaphthalene (C12.89)
R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 2793380
Conc: 19.76 ug/ml



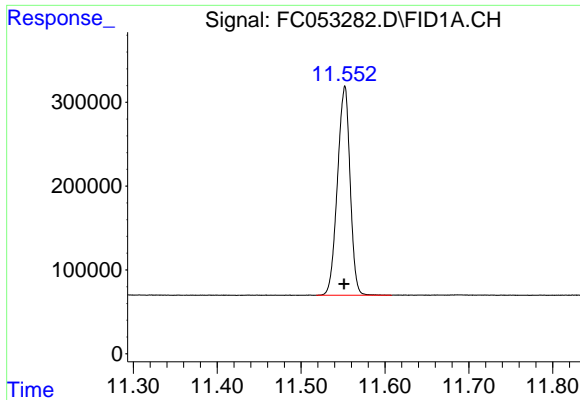
#6 n-Tetradecane (C14)
R.T.: 8.190 min
Delta R.T.: -0.002 min
Response: 2568760
Conc: 19.96 ug/ml



#7 n-Hexadecane (C16)
R.T.: 9.792 min
Delta R.T.: -0.002 min
Response: 2511150
Conc: 19.64 ug/ml

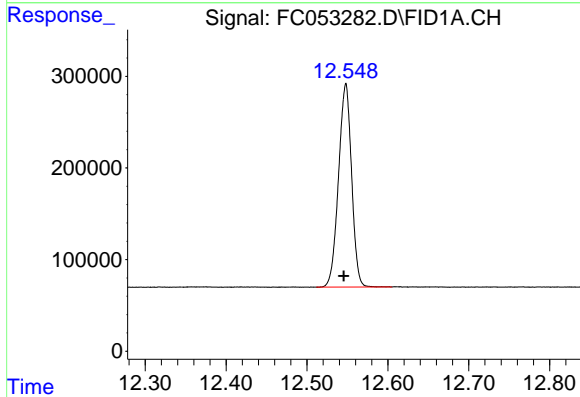


#8 n-Octadecane (C18)
R.T.: 11.237 min
Delta R.T.: 0.000 min
Response: 2562318
Conc: 18.95 ug/ml



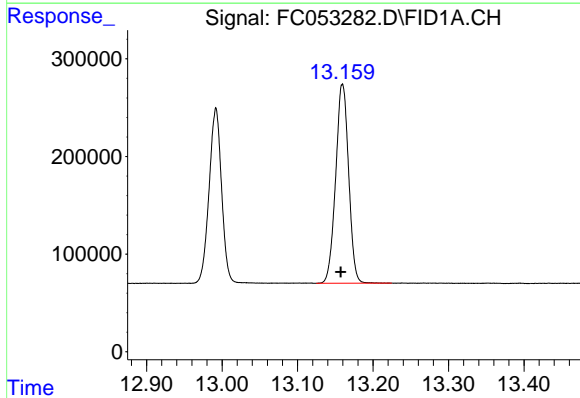
#9 ortho-Terphenyl (SURR)

R.T.: 11.552 min
 Delta R.T.: 0.000 min
 Response: 2615801
 Conc: 18.11 ug/ml



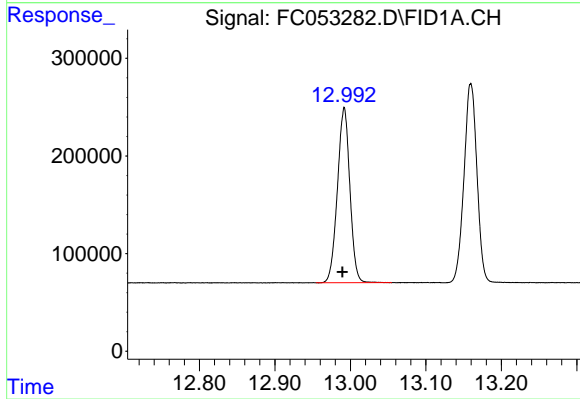
#10 n-Eicosane (C20)

R.T.: 12.548 min
 Delta R.T.: 0.002 min
 Response: 2489287
 Conc: 18.12 ug/ml



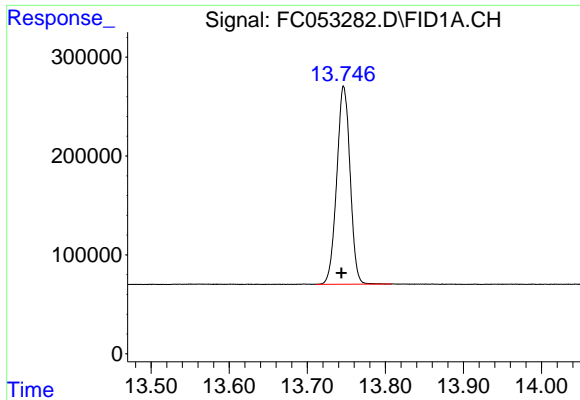
#11 n-Heneicosane (C21)

R.T.: 13.160 min
 Delta R.T.: 0.003 min
 Response: 2434292
 Conc: 17.72 ug/ml

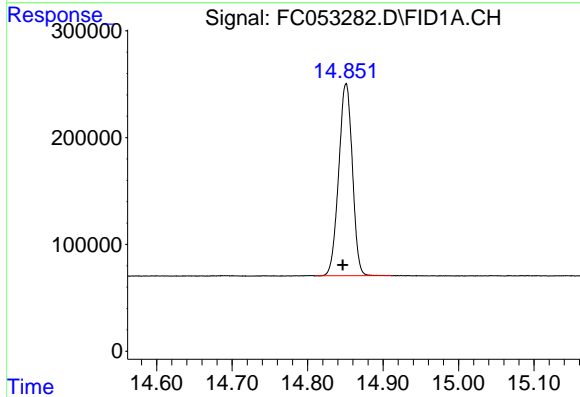


#12 1-chlorooctadecane (SURR)

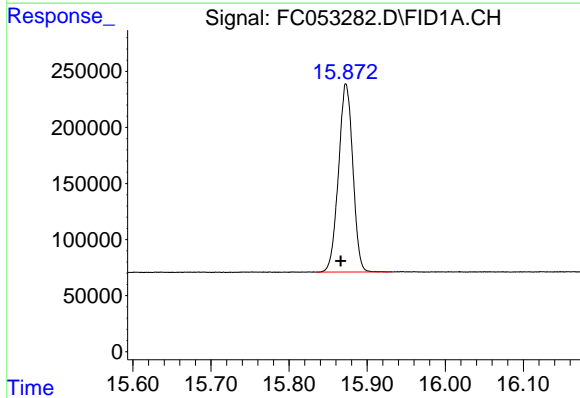
R.T.: 12.992 min
 Delta R.T.: 0.002 min
 Response: 2058405
 Conc: 17.82 ug/ml



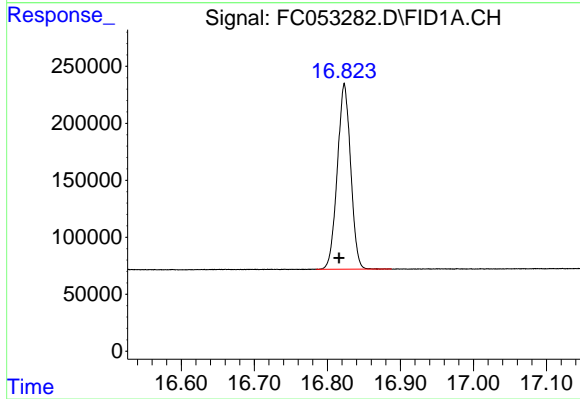
#13 n-Docosane (C22)
R.T.: 13.747 min
Delta R.T.: 0.003 min
Response: 2378601
Conc: 17.26 ug/ml



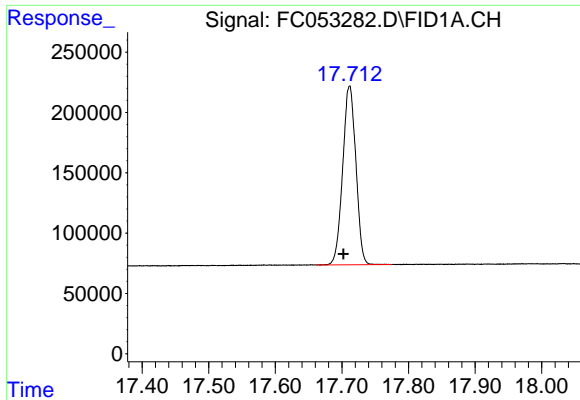
#14 n-Tetracosane (C24)
R.T.: 14.851 min
Delta R.T.: 0.004 min
Response: 2262573
Conc: 16.41 ug/ml



#15 n-Hexacosane (C26)
R.T.: 15.873 min
Delta R.T.: 0.007 min
Response: 2136763
Conc: 15.76 ug/ml

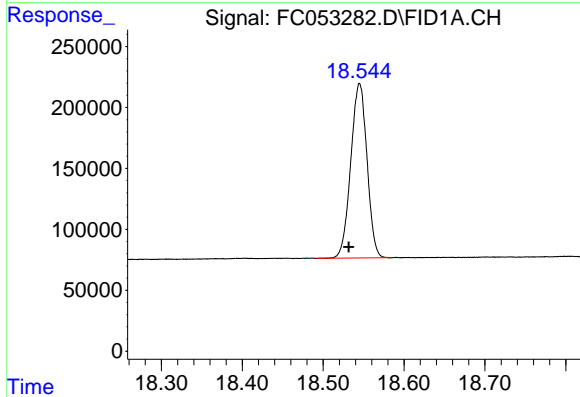


#16 n-Octacosane (C28)
R.T.: 16.823 min
Delta R.T.: 0.007 min
Response: 2062676
Conc: 15.47 ug/ml



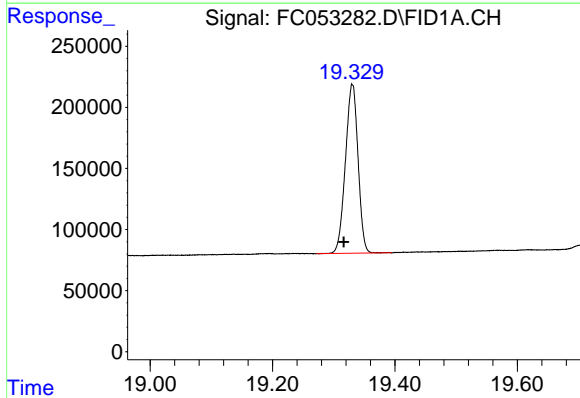
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: 0.009 min
Response: 2037254
Conc: 15.87 ug/ml



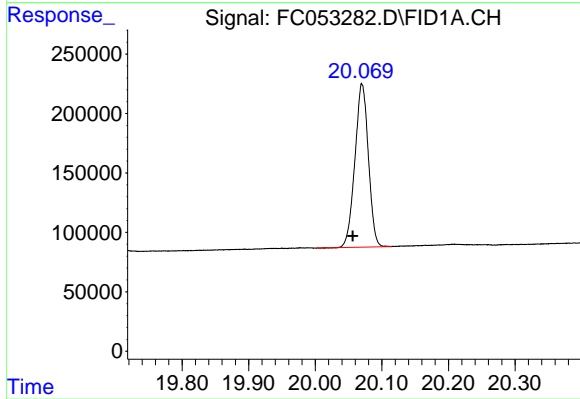
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.013 min
Response: 1999109
Conc: 16.73 ug/ml



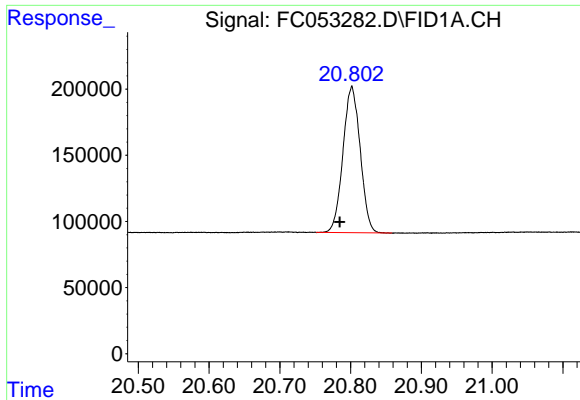
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.014 min
Response: 1982750
Conc: 17.90 ug/ml



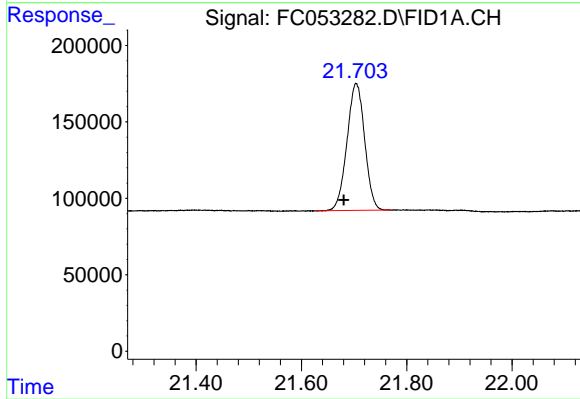
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.014 min
Response: 1928314
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.017 min
Response: 1870865
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: 0.024 min
Response: 1935274
Conc: 24.17 ug/ml