

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110619AL\
 Data File : FC044373.D
 Signal(s) : FID1A.CH
 Acq On : 07 Nov 2019 2:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 07 04:51:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.720	2362689	16.209 ug/ml
Spiked Amount 50.000		Recovery =	32.42%
12) S 1-chlorooctadecane (S...	13.151	1773234	15.859 ug/ml
Spiked Amount 50.000		Recovery =	31.72%
Target Compounds			
1) T n-Nonane (C9)	3.451	2281871	20.715 ug/ml
2) T n-Decane (C10)	4.528	2304443	20.748 ug/ml
3) T A-Naphthalene (C11.7)	6.128	2554837	20.534 ug/ml
4) T n-Dodecane (C12)	6.553	2320778	20.636 ug/ml
5) T A~2-methylnaphthalene...	7.187	2558743	20.291 ug/ml
6) T n-Tetradecane (C14)	8.349	2300006	20.330 ug/ml
7) T n-Hexadecane (C16)	9.952	2265150	19.824 ug/ml
8) T n-Octadecane (C18)	11.394	2205802	19.266 ug/ml
10) T n-Eicosane (C20)	12.705	2121528	18.602 ug/ml
11) T n-Heneicosane (C21)	13.317	2094584	18.261 ug/ml
13) T n-Docosane (C22)	13.903	2040456	17.969 ug/ml
14) T n-Tetracosane (C24)	15.008	1966094	17.386 ug/ml
15) T n-Hexacosane (C26)	16.030	1893439	17.113 ug/ml
16) T n-Octacosane (C28)	16.982	1852875	17.104 ug/ml
17) T n-Tricontane (C30)	17.870	1866342	17.635 ug/ml
18) T n-Dotriacontane (C32)	18.705	1863385	18.502 ug/ml
19) T n-Tetratriacontane (C34)	19.489	1853123	19.763 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1861129	21.439 ug/ml
21) T n-Octatriacontane (C38)	21.005	1736230	21.531 ug/ml
22) T n-Tetracontane (C40)	21.973	1900139	22.479 ug/ml

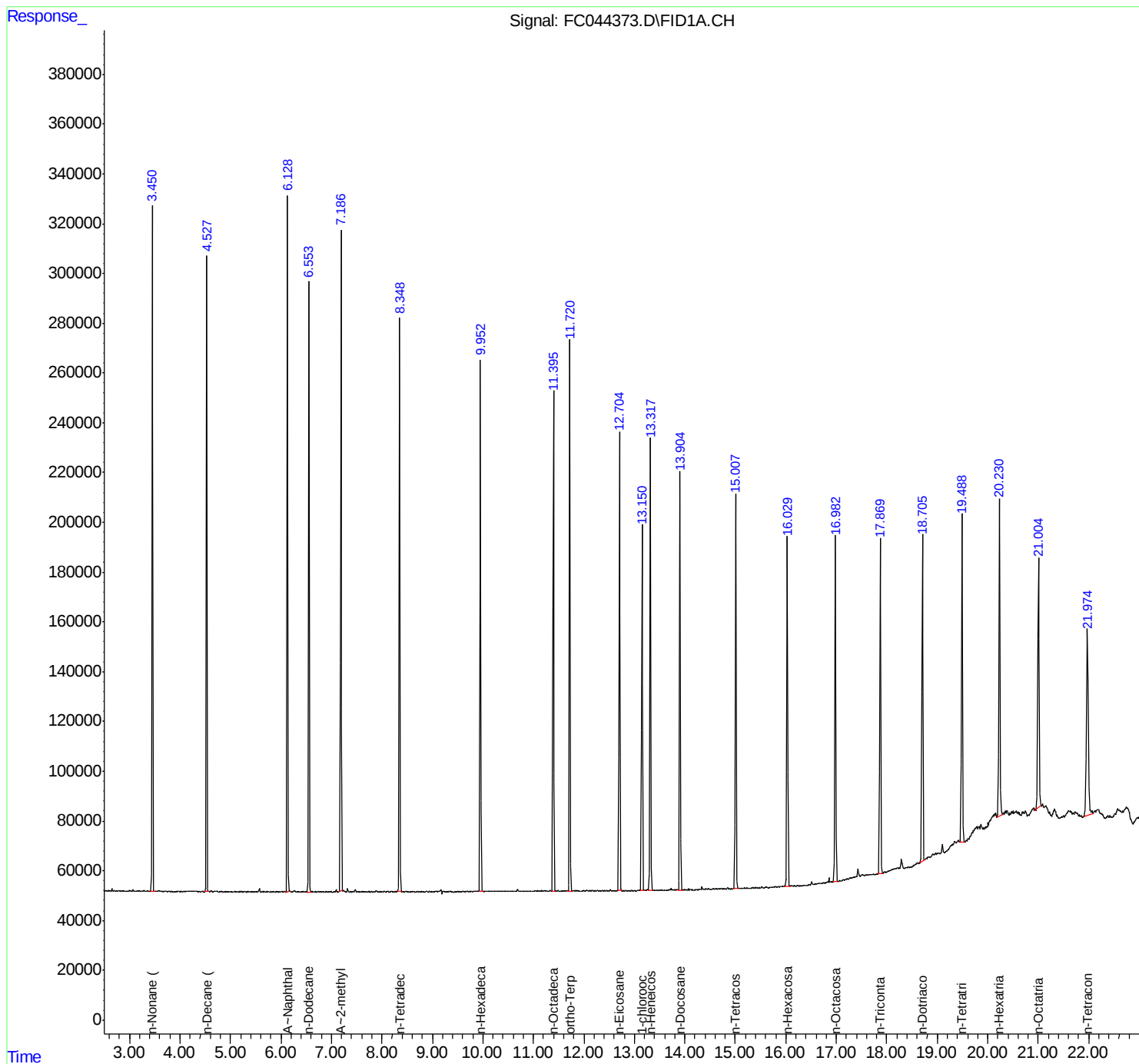
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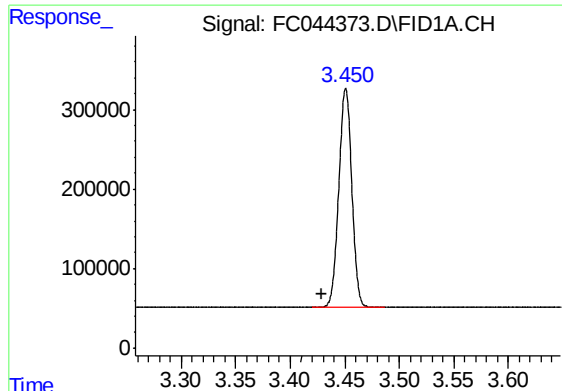
(m)=manual int.

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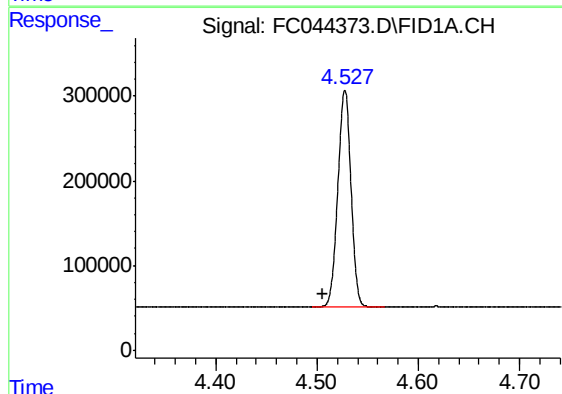
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Signal Info : 20M x 0.18mm x 0.18um





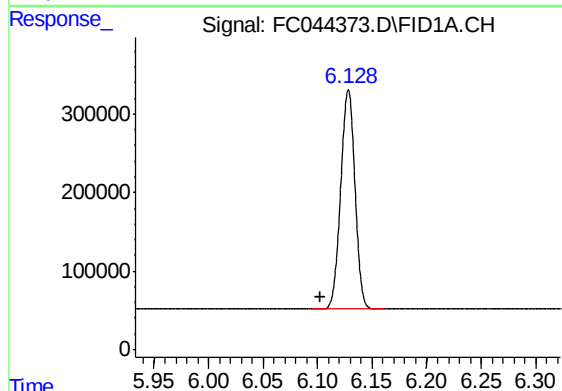
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.022 min
Response: 2281871
Conc: 20.71 ug/ml



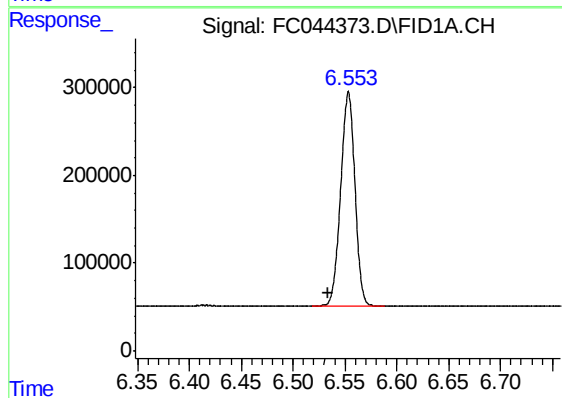
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.022 min
Response: 2304443
Conc: 20.75 ug/ml



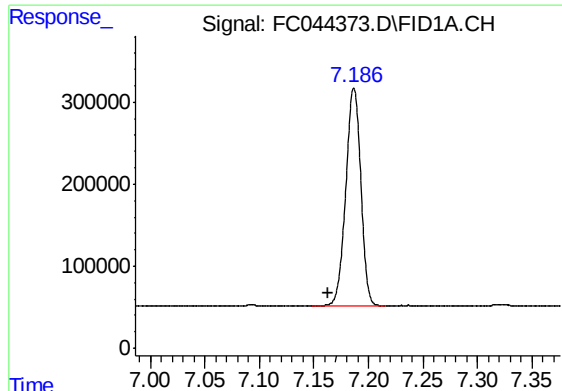
#3 A~Naphthalene (C11.7)

R.T.: 6.128 min
Delta R.T.: 0.026 min
Response: 2554837
Conc: 20.53 ug/ml



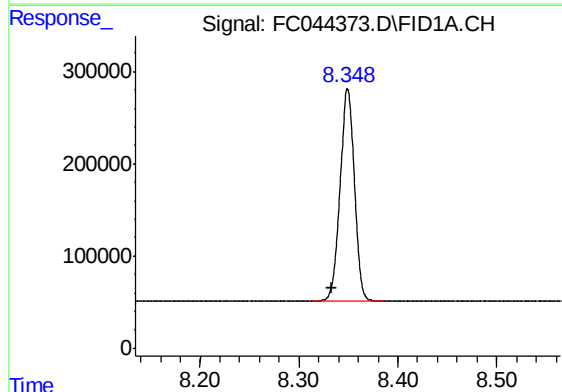
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.020 min
Response: 2320778
Conc: 20.64 ug/ml



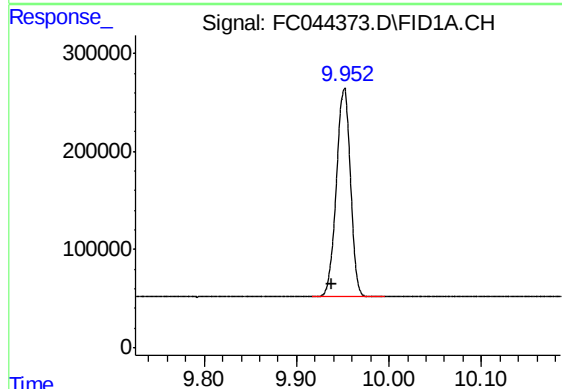
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.187 min
Delta R.T.: 0.024 min
Response: 2558743
Conc: 20.29 ug/ml



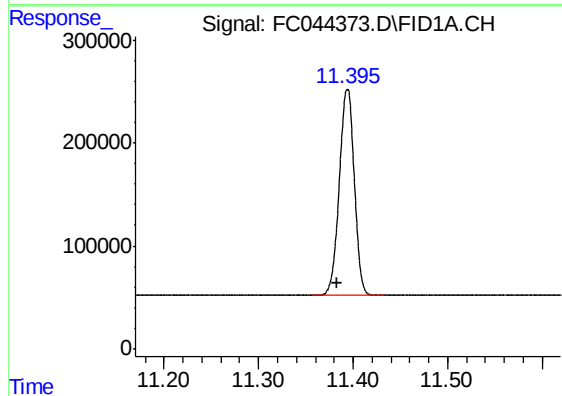
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2300006
Conc: 20.33 ug/ml



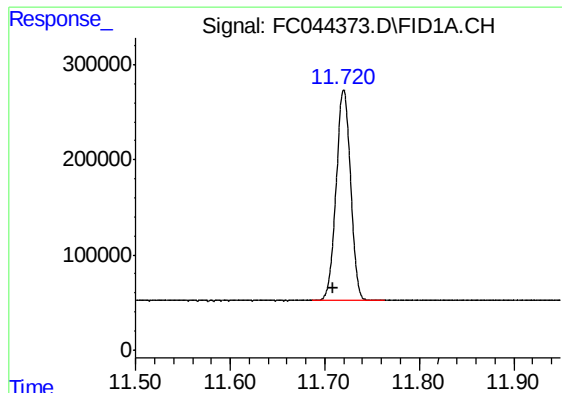
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.013 min
Response: 2265150
Conc: 19.82 ug/ml



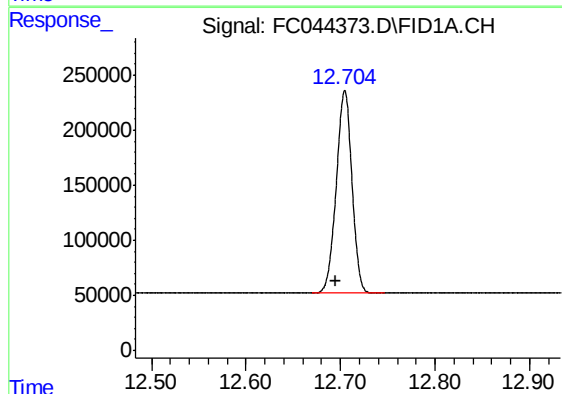
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.011 min
Response: 2205802
Conc: 19.27 ug/ml



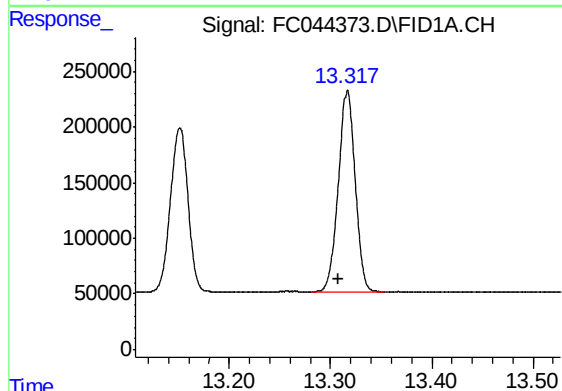
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.011 min
Response: 2362689
Conc: 16.21 ug/ml



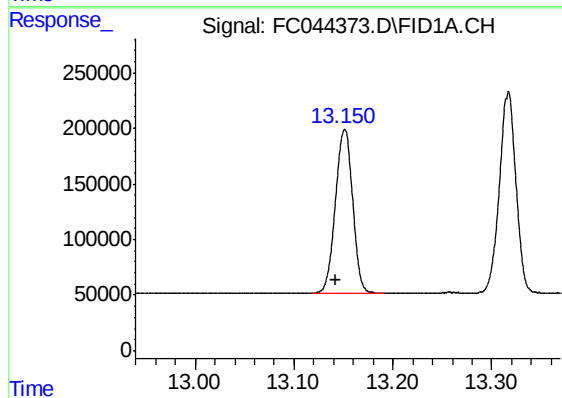
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: 0.010 min
Response: 2121528
Conc: 18.60 ug/ml



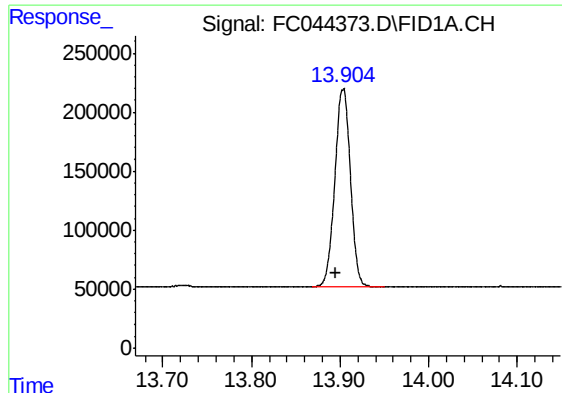
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.009 min
Response: 2094584
Conc: 18.26 ug/ml



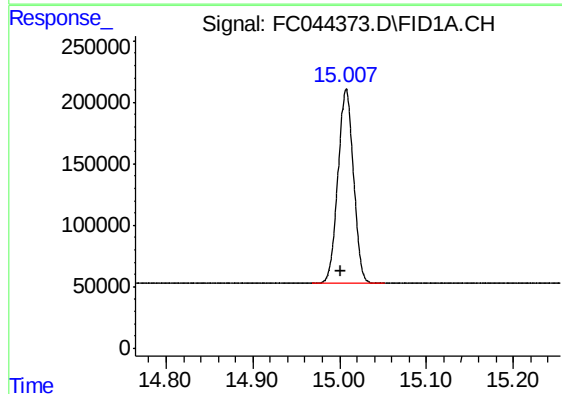
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: 0.009 min
Response: 1773234
Conc: 15.86 ug/ml



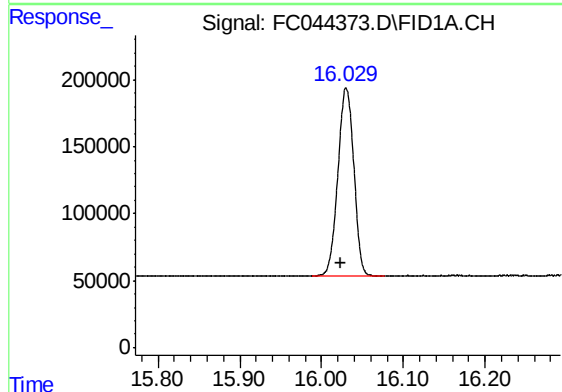
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: 0.008 min
Response: 2040456
Conc: 17.97 ug/ml



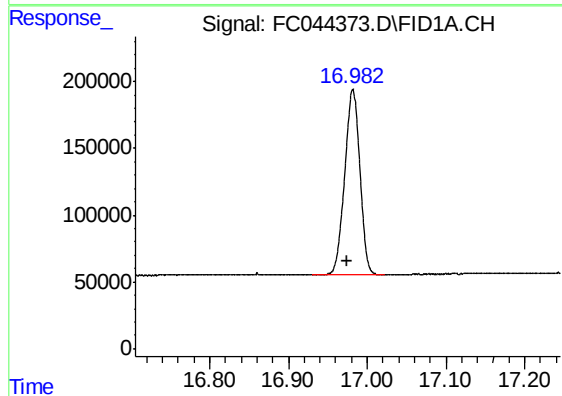
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.007 min
Response: 1966094
Conc: 17.39 ug/ml



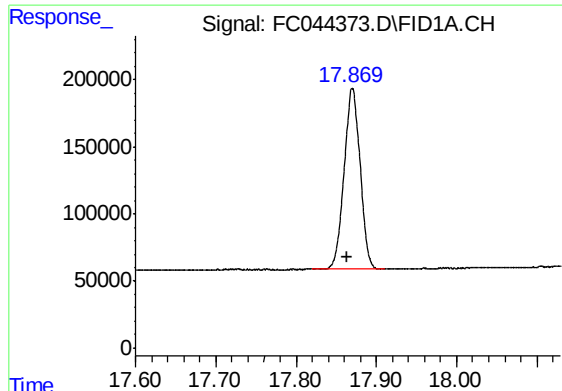
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.007 min
Response: 1893439
Conc: 17.11 ug/ml



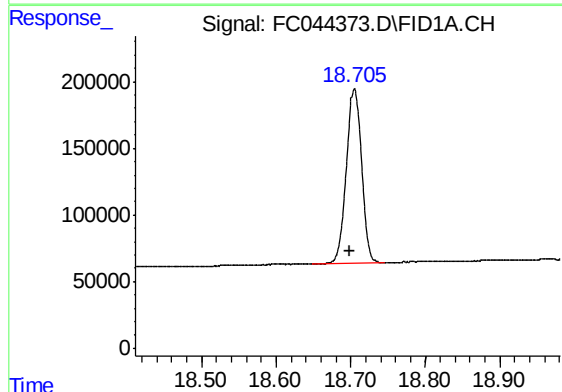
#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: 0.007 min
Response: 1852875
Conc: 17.10 ug/ml



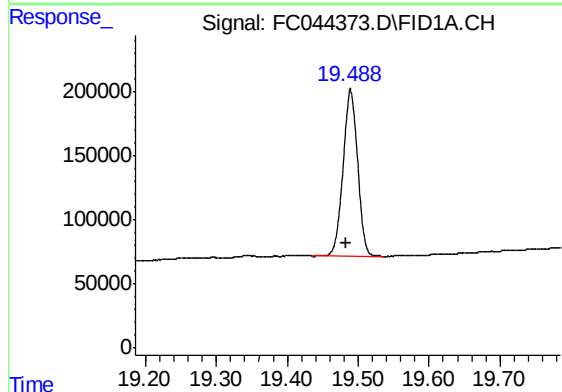
#17 n-Tricontane (C30)

R.T.: 17.870 min
Delta R.T.: 0.006 min
Response: 1866342
Conc: 17.63 ug/ml



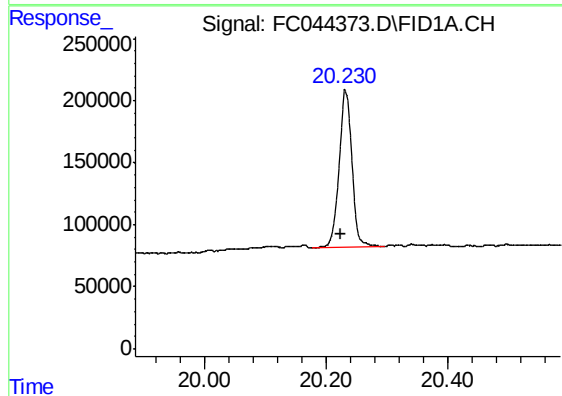
#18 n-Dotriacontane (C32)

R.T.: 18.705 min
Delta R.T.: 0.007 min
Response: 1863385
Conc: 18.50 ug/ml



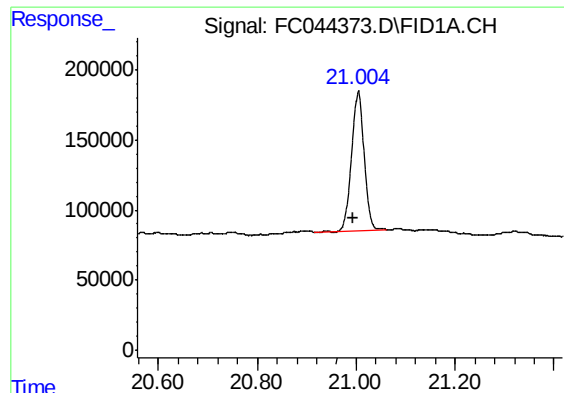
#19 n-Tetatriacontane (C34)

R.T.: 19.489 min
Delta R.T.: 0.005 min
Response: 1853123
Conc: 19.76 ug/ml



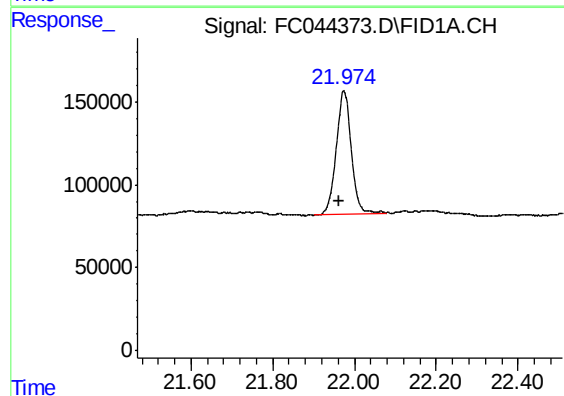
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: 0.008 min
Response: 1861129
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 1736230
Conc: 21.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.012 min
Response: 1900139
Conc: 22.48 ug/ml