

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061919AL\
 Data File : FC041894.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jun 2019 4:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 20 06:41:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 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)	11.708	2545848	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	13.133	2045784	18.618 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T n-Nonane (C9)	3.494	2475941	21.305 ug/ml
2) T n-Decane (C10)	4.559	2532327	21.520 ug/ml
3) T A~Naphthalene (C11.7)	6.148	2793931	21.021 ug/ml
4) T n-Dodecane (C12)	6.568	2541904	21.404 ug/ml
5) T A~2-methylnaphthalene...	7.199	2774953	20.842 ug/ml
6) T n-Tetradecane (C14)	8.353	2549426	21.096 ug/ml
7) T n-Hexadecane (C16)	9.947	2532318	20.663 ug/ml
8) T n-Octadecane (C18)	11.384	2482274	20.033 ug/ml
10) T n-Eicosane (C20)	12.688	2431290	19.215 ug/ml
11) T n-Heneicosane (C21)	13.298	2373857	18.803 ug/ml
13) T n-Docosane (C22)	13.882	2347121	18.576 ug/ml
14) T n-Tetracosane (C24)	14.983	2318174	18.219 ug/ml
15) T n-Hexacosane (C26)	16.000	2260787	18.210 ug/ml
16) T n-Octacosane (C28)	16.949	2270143	18.631 ug/ml
17) T n-Tricontane (C30)	17.836	2217911	19.027 ug/ml
18) T n-Dotriacontane (C32)	18.665	2059257	19.072 ug/ml
19) T n-Tetratriacontane (C34)	19.447	1699291	19.748 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1510923	19.493 ug/ml
21) T n-Octatriacontane (C38)	20.939	1430234	21.628 ug/ml
22) T n-Tetracontane (C40)	21.885	1393704	20.629 ug/ml

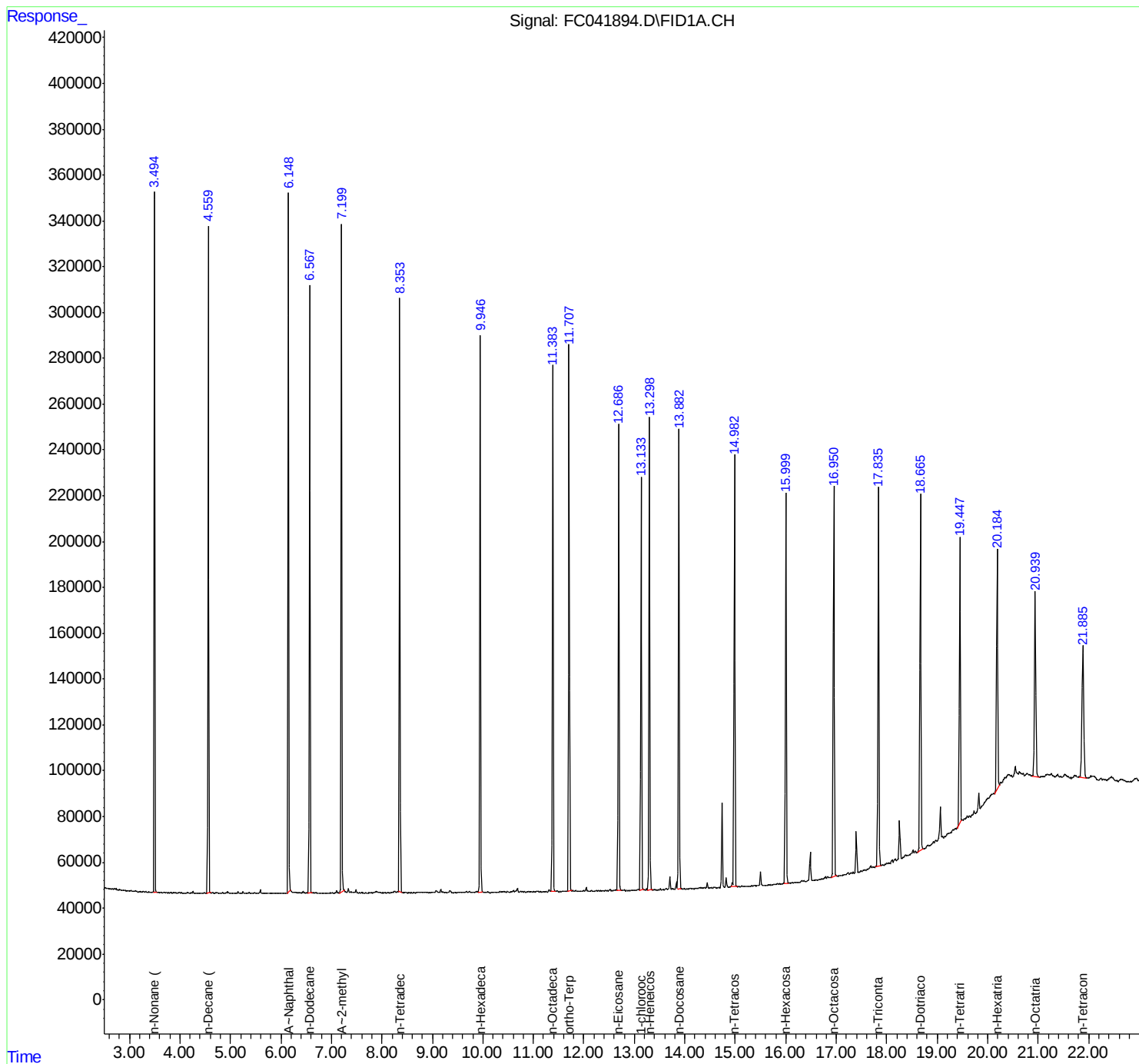
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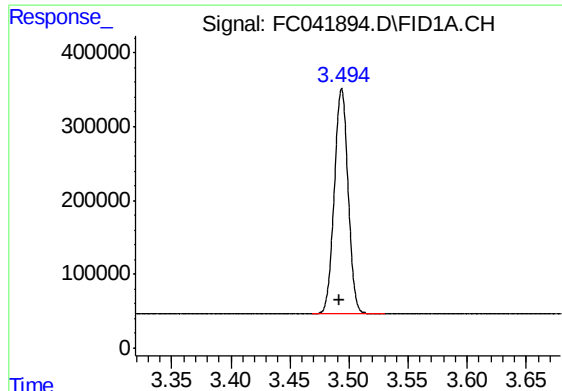
(m)=manual int.

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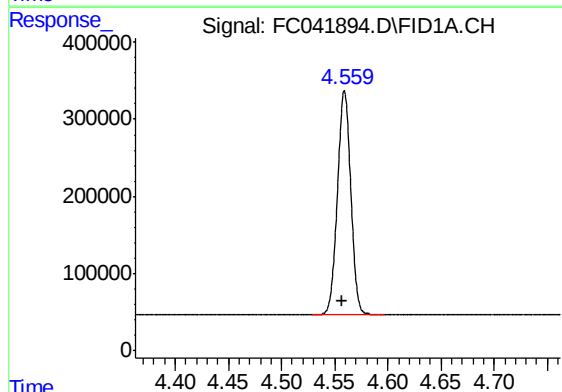
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Signal Info : 20M x 0.18mm x 0.18um





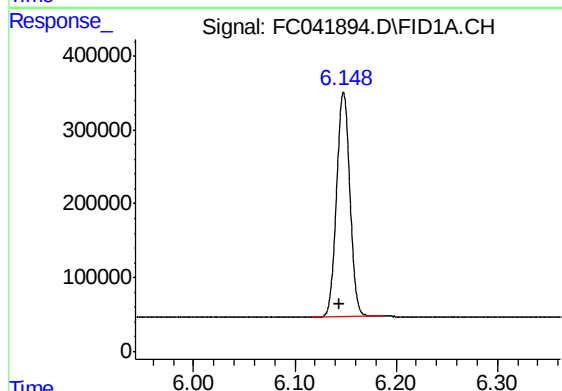
#1 n-Nonane (C9)

R.T.: 3.494 min
Delta R.T.: 0.002 min
Response: 2475941
Conc: 21.31 ug/ml



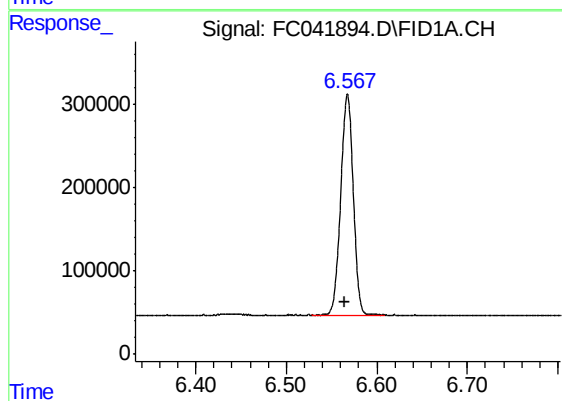
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 2532327
Conc: 21.52 ug/ml



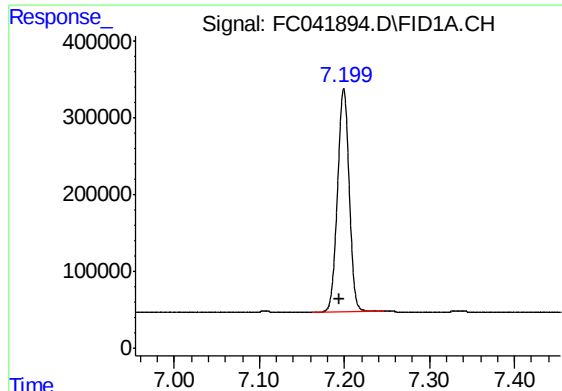
#3 A~Naphthalene (C11.7)

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 2793931
Conc: 21.02 ug/ml



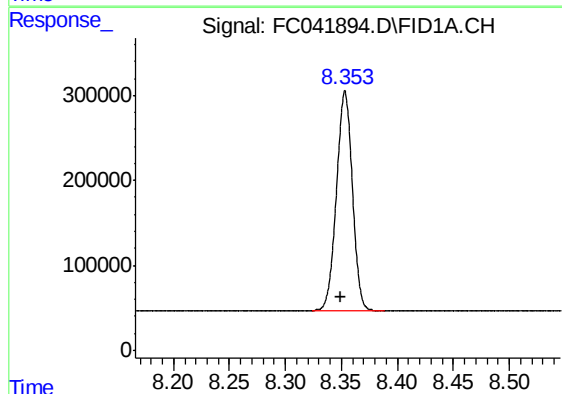
#4 n-Dodecane (C12)

R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 2541904
Conc: 21.40 ug/ml



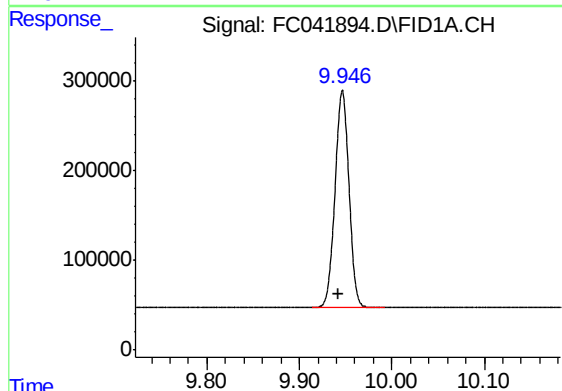
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.199 min
Delta R.T.: 0.005 min
Response: 2774953
Conc: 20.84 ug/ml



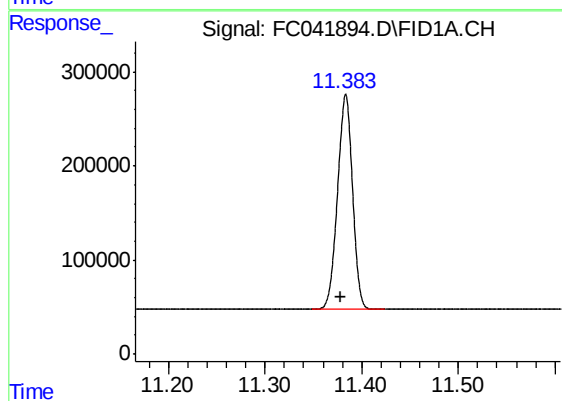
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.004 min
Response: 2549426
Conc: 21.10 ug/ml



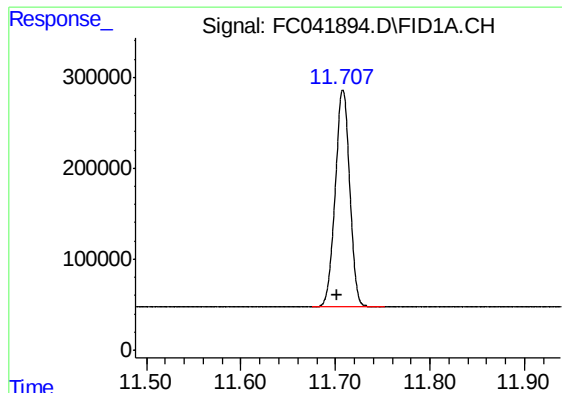
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.004 min
Response: 2532318
Conc: 20.66 ug/ml



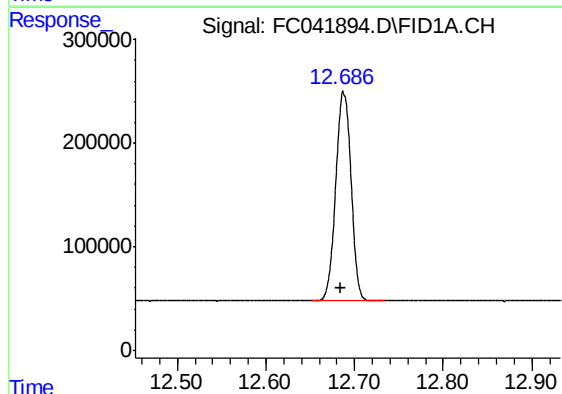
#8 n-Octadecane (C18)

R.T.: 11.384 min
Delta R.T.: 0.005 min
Response: 2482274
Conc: 20.03 ug/ml



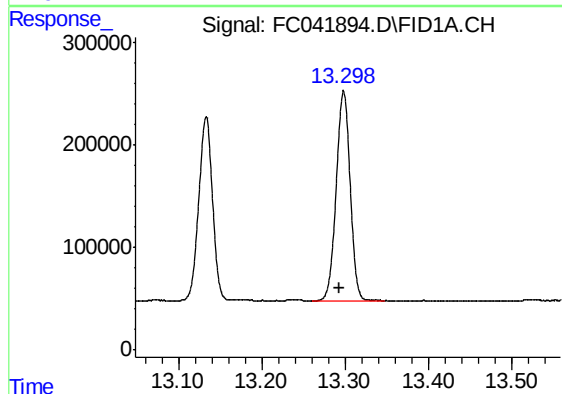
#9 ortho-Terphenyl (SURR)

R.T.: 11.708 min
Delta R.T.: 0.006 min
Response: 2545848
Conc: 19.14 ug/ml



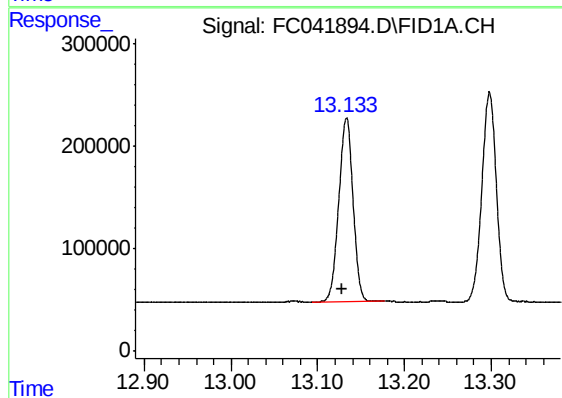
#10 n-Eicosane (C20)

R.T.: 12.688 min
Delta R.T.: 0.004 min
Response: 2431290
Conc: 19.22 ug/ml



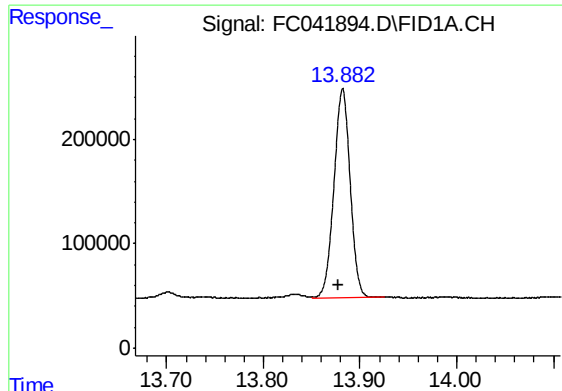
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: 0.004 min
Response: 2373857
Conc: 18.80 ug/ml



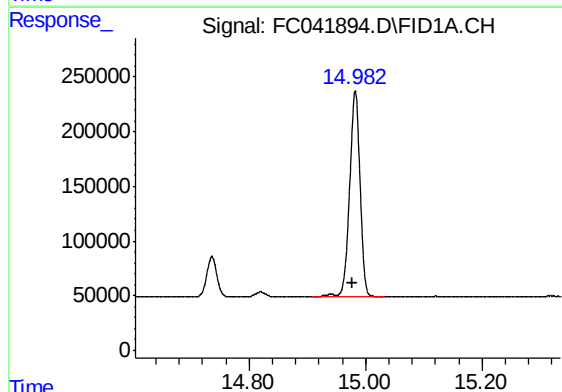
#12 1-chlorooctadecane (SURR)

R.T.: 13.133 min
Delta R.T.: 0.005 min
Response: 2045784
Conc: 18.62 ug/ml



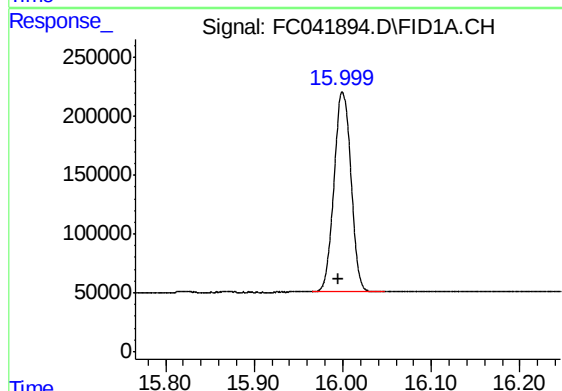
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: 0.004 min
Response: 2347121
Conc: 18.58 ug/ml



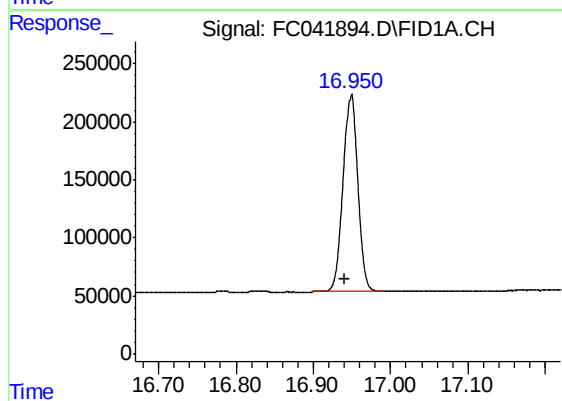
#14 n-Tetracosane (C24)

R.T.: 14.983 min
Delta R.T.: 0.006 min
Response: 2318174
Conc: 18.22 ug/ml



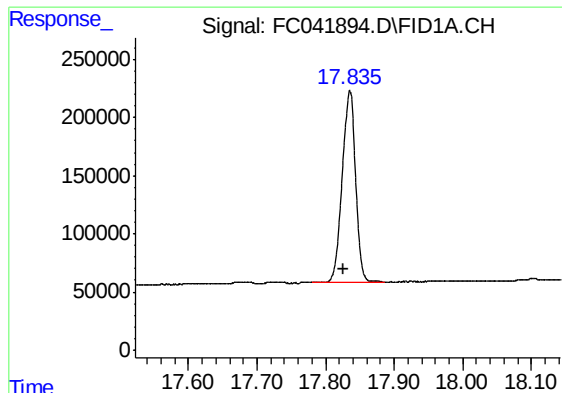
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.005 min
Response: 2260787
Conc: 18.21 ug/ml



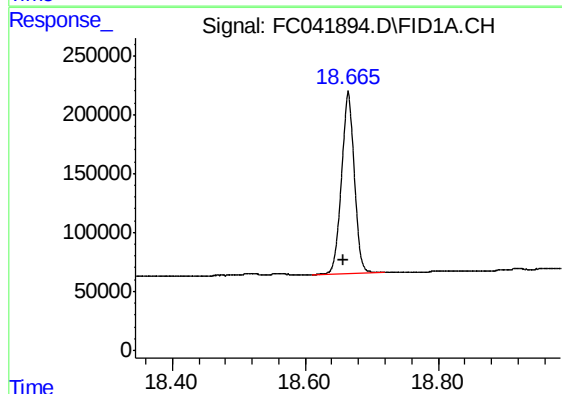
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.008 min
Response: 2270143
Conc: 18.63 ug/ml



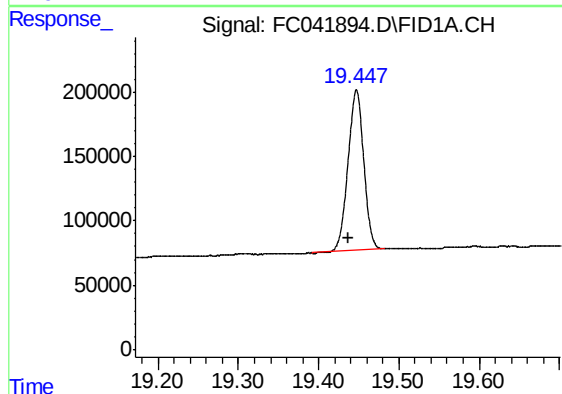
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: 0.009 min
Response: 2217911
Conc: 19.03 ug/ml



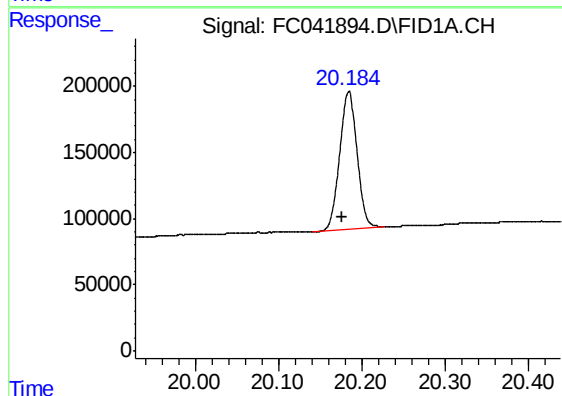
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: 0.008 min
Response: 2059257
Conc: 19.07 ug/ml



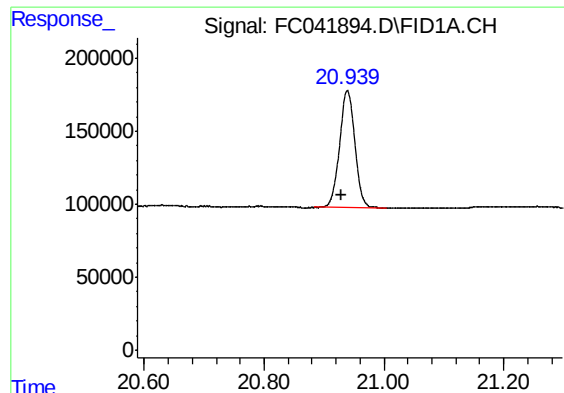
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: 0.010 min
Response: 1699291
Conc: 19.75 ug/ml



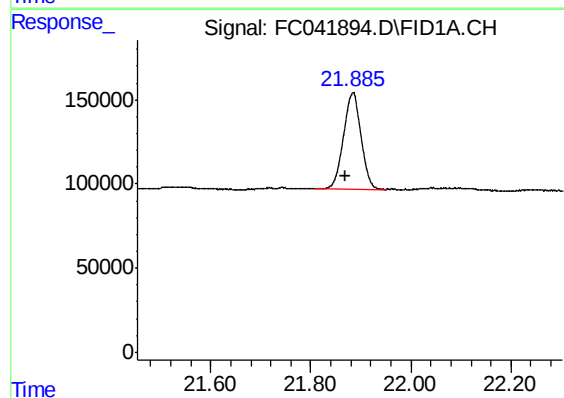
#20 n-Hexatriacontane (C36)

R.T.: 20.184 min
Delta R.T.: 0.008 min
Response: 1510923
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.939 min
Delta R.T.: 0.011 min
Response: 1430234
Conc: 21.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: 0.015 min
Response: 1393704
Conc: 20.63 ug/ml