

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070720AL\
 Data File : FC048269.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jul 2020 9:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 00:49:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 2020
 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)	11.714	2267452	18.902 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
12) S 1-chlorooctadecane (S...	13.126	1828277	18.668 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.531	2097773	20.963 ug/ml
2) T n-Decane (C10)	4.592	2130514	21.204 ug/ml
3) T A~Naphthalene (C11.7)	6.192	2062062	20.437 ug/ml
4) T n-Dodecane (C12)	6.590	2219392	21.201 ug/ml
5) T A~2-methylnaphthalene...	7.239	2072044	20.019 ug/ml
6) T n-Tetradecane (C14)	8.366	2222120	21.172 ug/ml
7) T n-Hexadecane (C16)	9.952	2175354	20.821 ug/ml
8) T n-Octadecane (C18)	11.381	2232404	20.083 ug/ml
10) T n-Eicosane (C20)	12.682	2197381	19.309 ug/ml
11) T n-Heneicosane (C21)	13.288	2161995	18.893 ug/ml
13) T n-Docosane (C22)	13.870	2117943	18.464 ug/ml
14) T n-Tetracosane (C24)	14.965	2034538	17.705 ug/ml
15) T n-Hexacosane (C26)	15.980	1945218	17.030 ug/ml
16) T n-Octacosane (C28)	16.922	1905365	16.764 ug/ml
17) T n-Tricontane (C30)	17.803	1854911	16.925 ug/ml
18) T n-Dotriacontane (C32)	18.632	1717665	17.327 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1645634	17.968 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1703471	19.864 ug/ml
21) T n-Octatriacontane (C38)	20.894	1627458	20.436 ug/ml
22) T n-Tetracontane (C40)	21.822	1541165	19.492 ug/ml

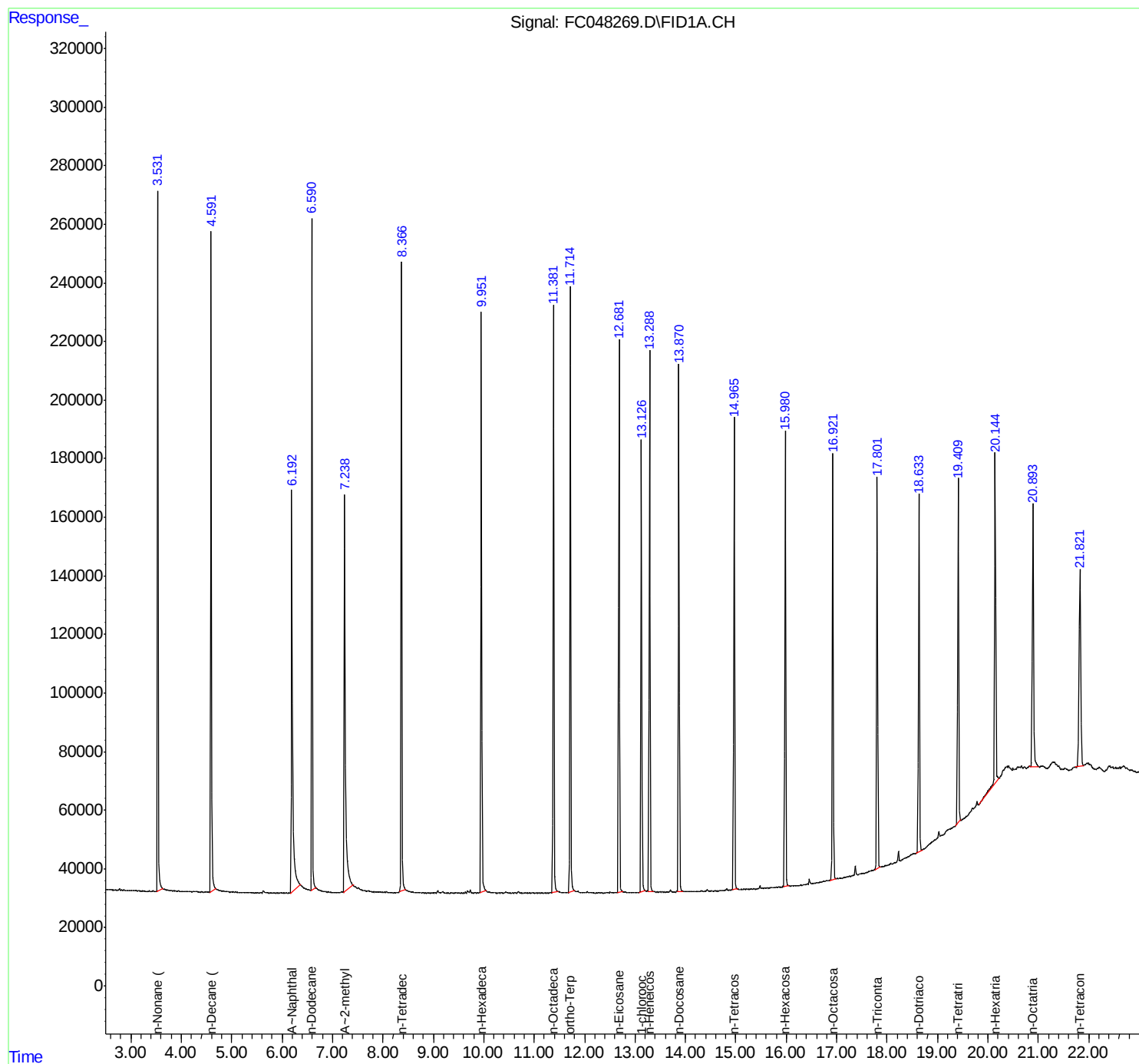
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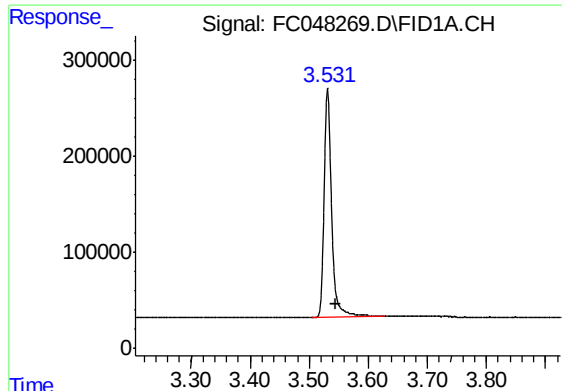
(m)=manual int.

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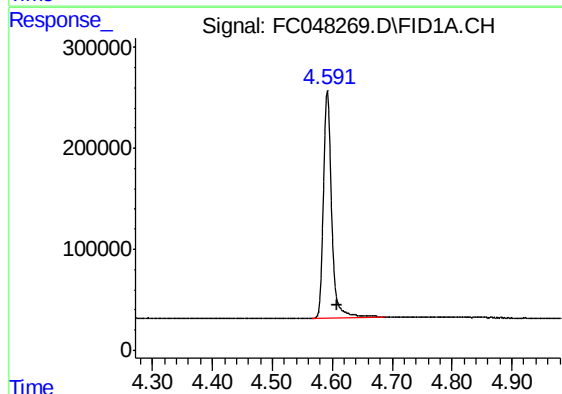
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Signal Info : 20M x 0.18mm x 0.18um





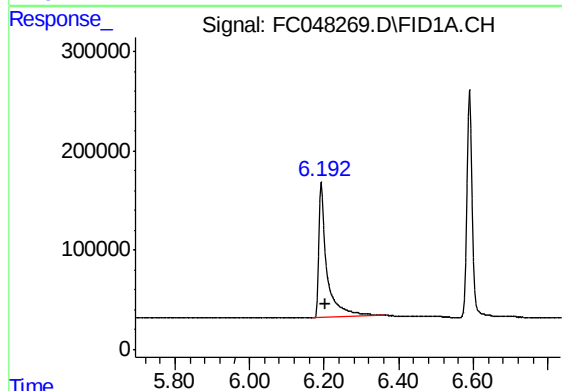
#1 n-Nonane (C9)

R.T.: 3.531 min
Delta R.T.: -0.013 min
Response: 2097773
Conc: 20.96 ug/ml



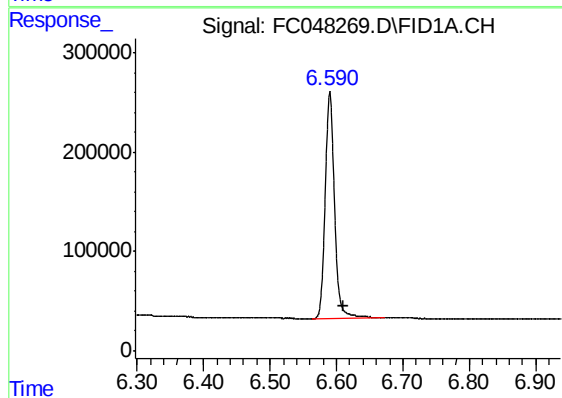
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.016 min
Response: 2130514
Conc: 21.20 ug/ml



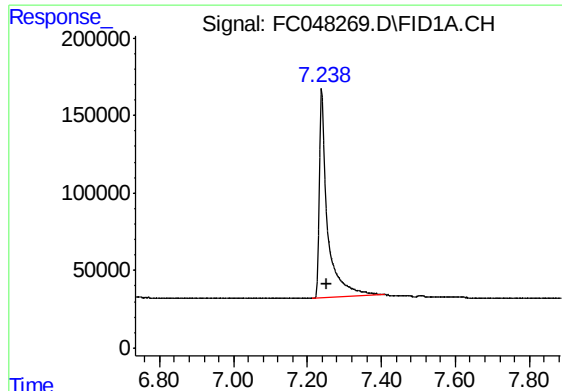
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 2062062
Conc: 20.44 ug/ml



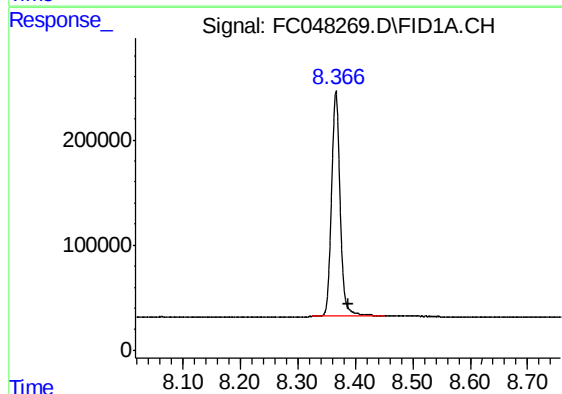
#4 n-Dodecane (C12)

R.T.: 6.590 min
Delta R.T.: -0.020 min
Response: 2219392
Conc: 21.20 ug/ml



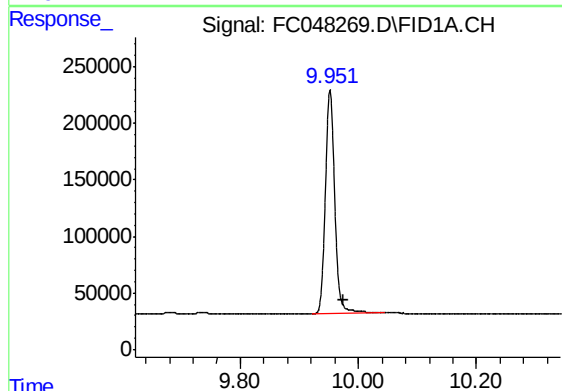
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.014 min
Response: 2072044
Conc: 20.02 ug/ml



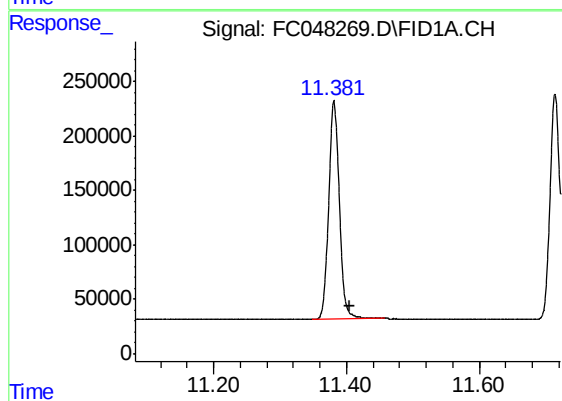
#6 n-Tetradecane (C14)

R.T.: 8.366 min
Delta R.T.: -0.021 min
Response: 2222120
Conc: 21.17 ug/ml



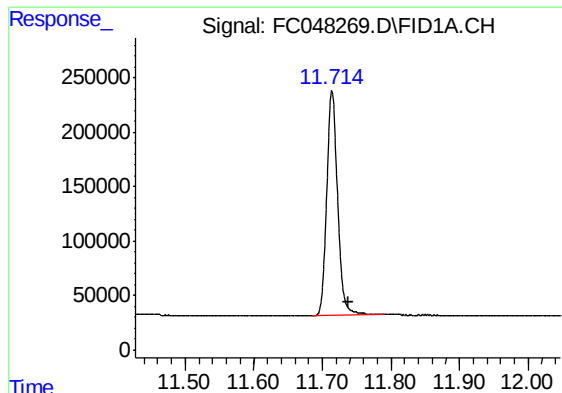
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: -0.022 min
Response: 2175354
Conc: 20.82 ug/ml



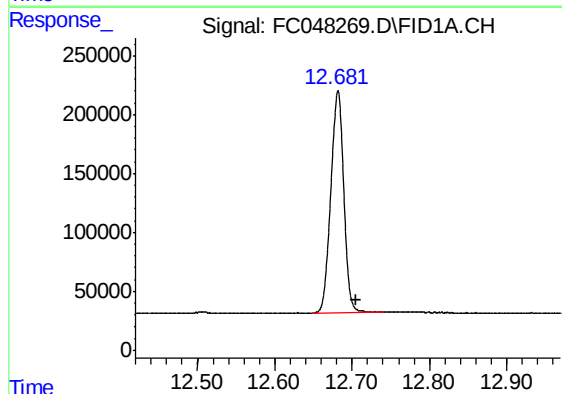
#8 n-Octadecane (C18)

R.T.: 11.381 min
Delta R.T.: -0.025 min
Response: 2232404
Conc: 20.08 ug/ml



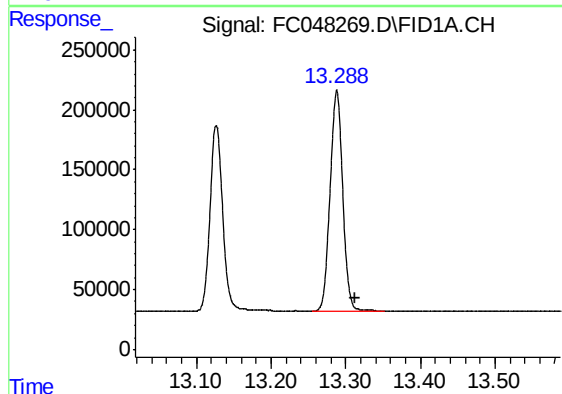
#9 ortho-Terphenyl (SURR)

R.T.: 11.714 min
Delta R.T.: -0.025 min
Response: 2267452
Conc: 18.90 ug/ml



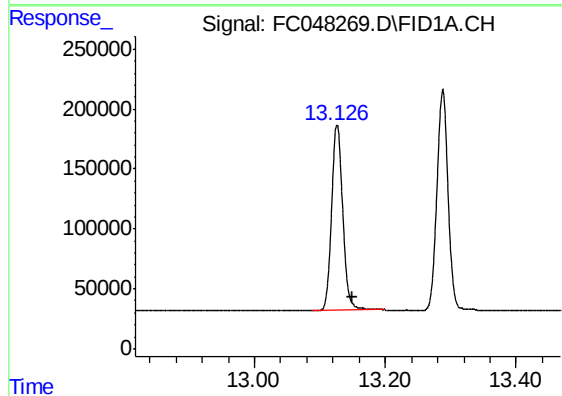
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.023 min
Response: 2197381
Conc: 19.31 ug/ml



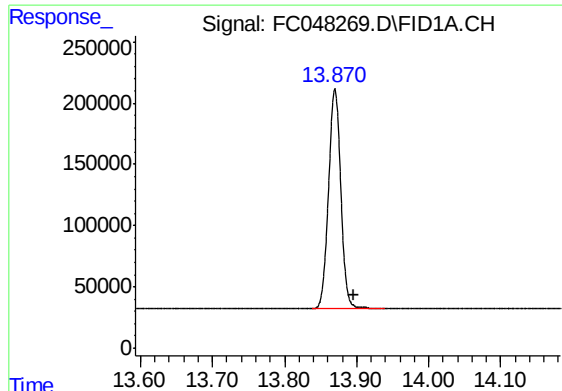
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.025 min
Response: 2161995
Conc: 18.89 ug/ml



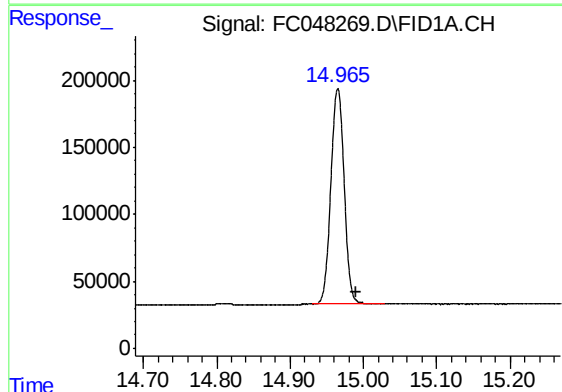
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: -0.024 min
Response: 1828277
Conc: 18.67 ug/ml



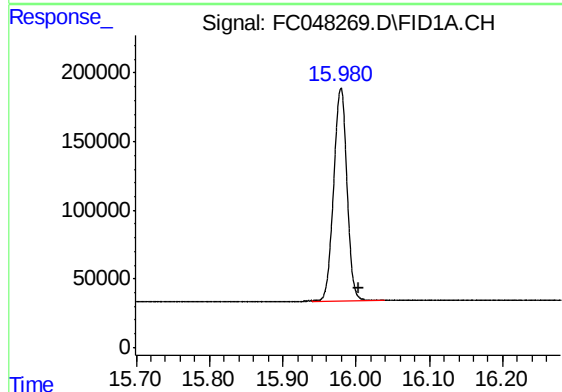
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: -0.025 min
Response: 2117943
Conc: 18.46 ug/ml



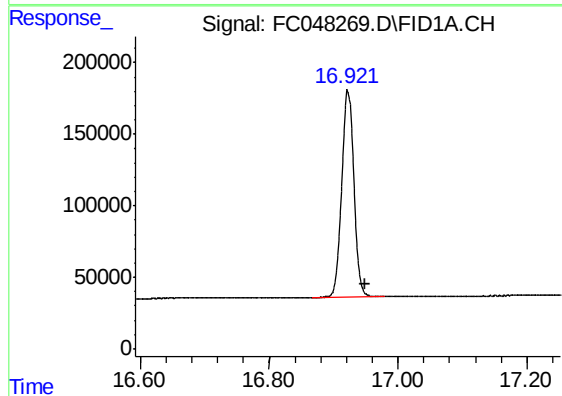
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.025 min
Response: 2034538
Conc: 17.70 ug/ml



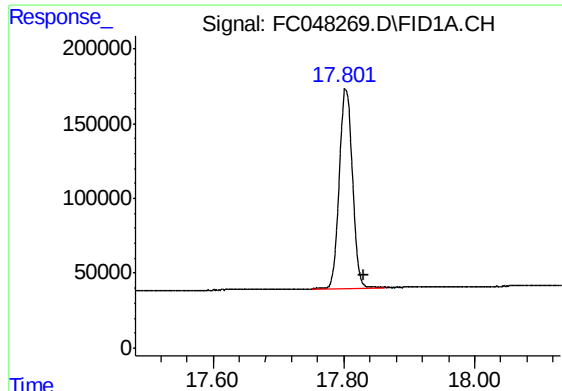
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.025 min
Response: 1945218
Conc: 17.03 ug/ml



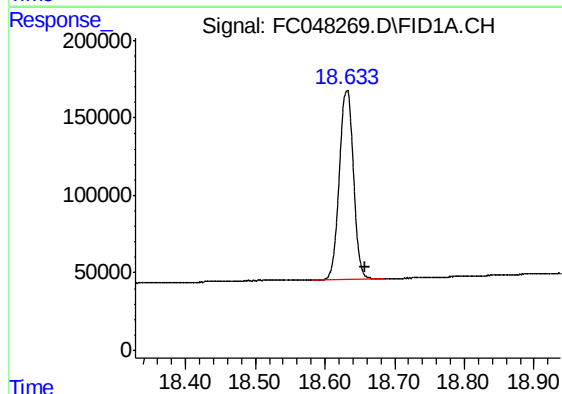
#16 n-Octacosane (C28)

R.T.: 16.922 min
Delta R.T.: -0.026 min
Response: 1905365
Conc: 16.76 ug/ml



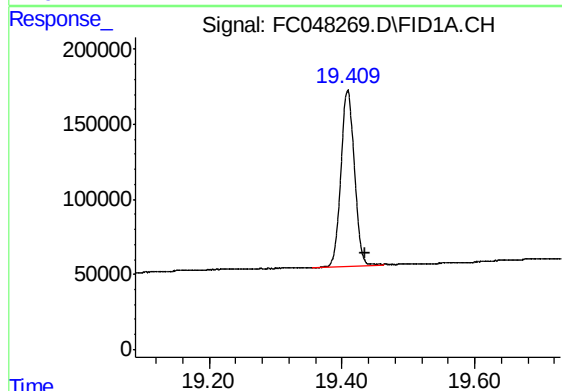
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: -0.028 min
Response: 1854911
Conc: 16.92 ug/ml



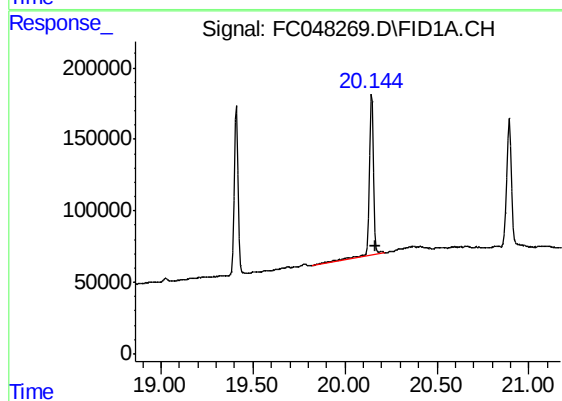
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: -0.027 min
Response: 1717665
Conc: 17.33 ug/ml



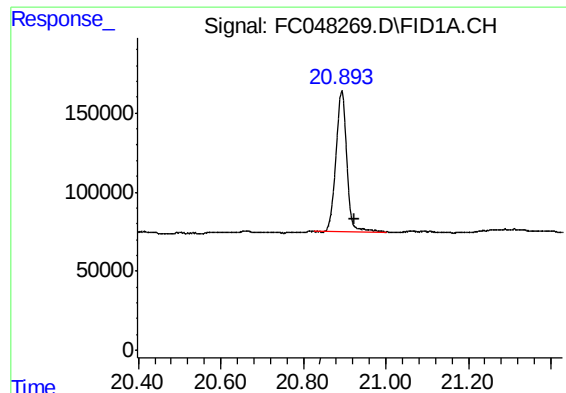
#19 n-Tetatriacontane (C34)

R.T.: 19.409 min
Delta R.T.: -0.027 min
Response: 1645634
Conc: 17.97 ug/ml



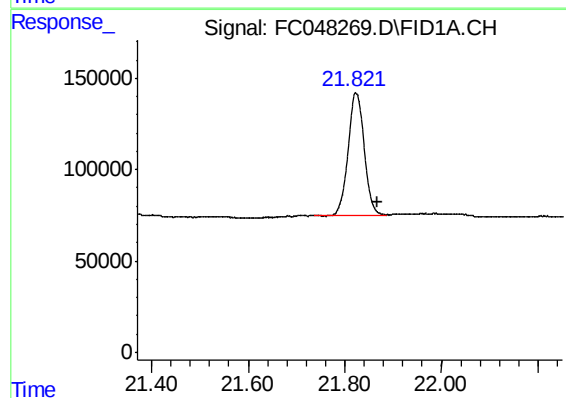
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: -0.022 min
Response: 1703471
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.894 min
Delta R.T.: -0.029 min
Response: 1627458
Conc: 20.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: -0.046 min
Response: 1541165
Conc: 19.49 ug/ml