

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062619AL\
 Data File : FC042020.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jun 2019 11:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 26 12:27:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.697	2672948	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.120	2137732	19.455 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.490	2588148	22.271 ug/ml
2) T n-Decane (C10)	4.555	2640067	22.435 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2884917	21.706 ug/ml
4) T n-Dodecane (C12)	6.561	2647681	22.294 ug/ml
5) T A~2-methylnaphthalene...	7.191	2863263	21.505 ug/ml
6) T n-Tetradecane (C14)	8.345	2650077	21.929 ug/ml
7) T n-Hexadecane (C16)	9.938	2628205	21.446 ug/ml
8) T n-Octadecane (C18)	11.373	2591224	20.912 ug/ml
10) T n-Eicosane (C20)	12.676	2529780	19.994 ug/ml
11) T n-Heneicosane (C21)	13.286	2476723	19.618 ug/ml
13) T n-Docosane (C22)	13.869	2419241	19.147 ug/ml
14) T n-Tetracosane (C24)	14.968	2339088	18.384 ug/ml
15) T n-Hexacosane (C26)	15.985	2247618	18.104 ug/ml
16) T n-Octacosane (C28)	16.933	2204706	18.094 ug/ml
17) T n-Tricontane (C30)	17.818	2152546	18.466 ug/ml
18) T n-Dotriacontane (C32)	18.647	2009492	18.611 ug/ml
19) T n-Tetratriacontane (C34)	19.428	1728749	20.090 ug/ml
20) T n-Hexatriacontane (C36)	20.165	1453640	18.754 ug/ml
21) T n-Octatriacontane (C38)	20.916	1453568	21.981 ug/ml
22) T n-Tetracontane (C40)	21.851	1458088	21.582 ug/ml

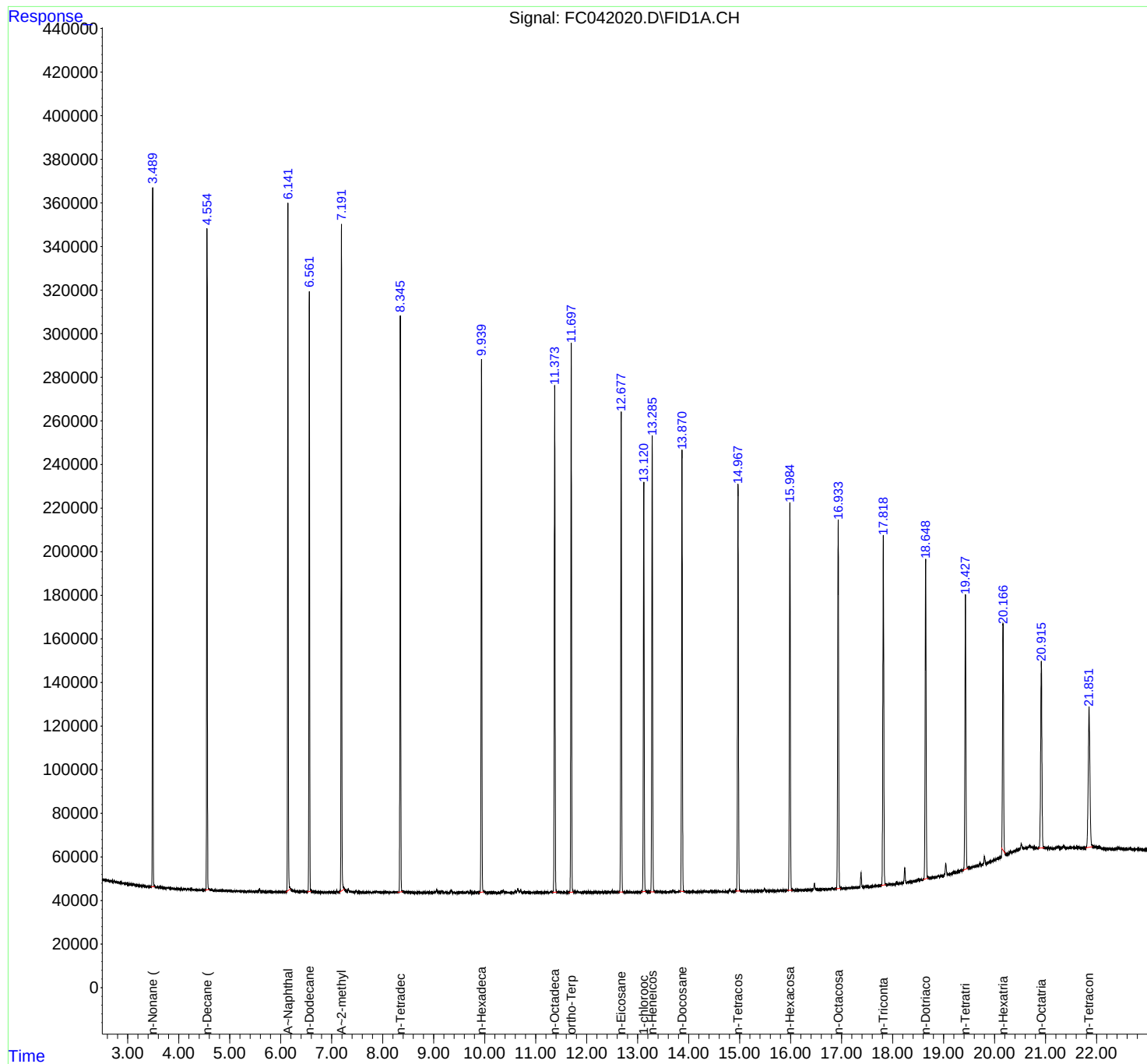
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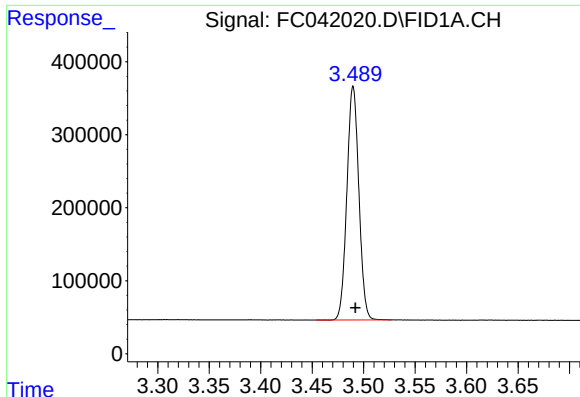
(m)=manual int.

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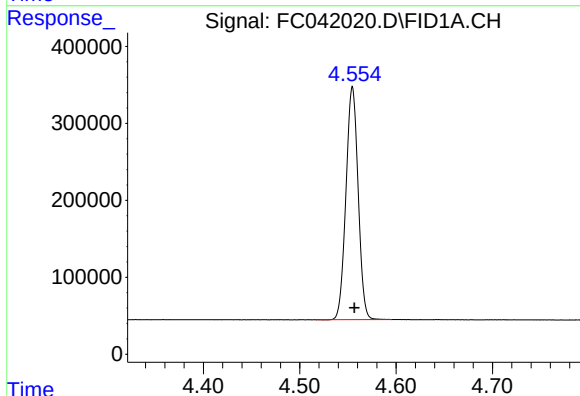
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Signal Info : 20M x 0.18mm x 0.18um





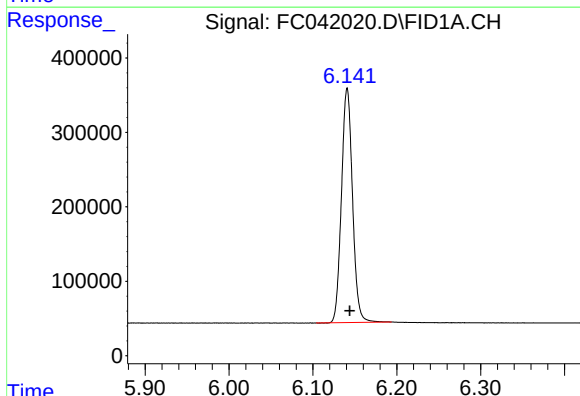
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: -0.002 min
Response: 2588148
Conc: 22.27 ug/ml



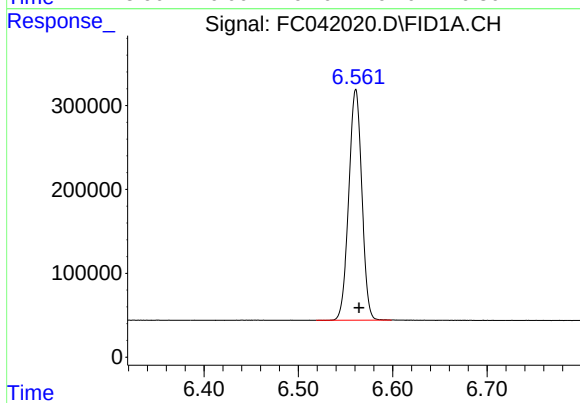
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 2640067
Conc: 22.44 ug/ml



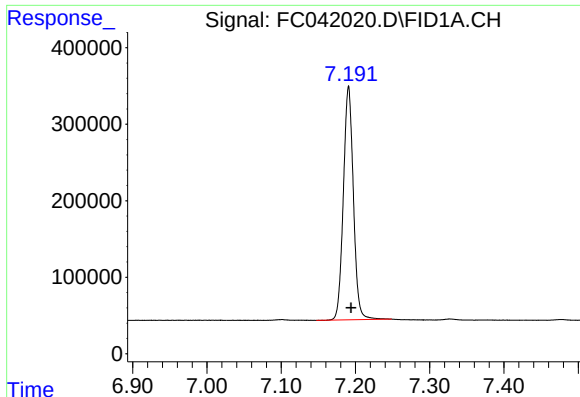
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 2884917
Conc: 21.71 ug/ml



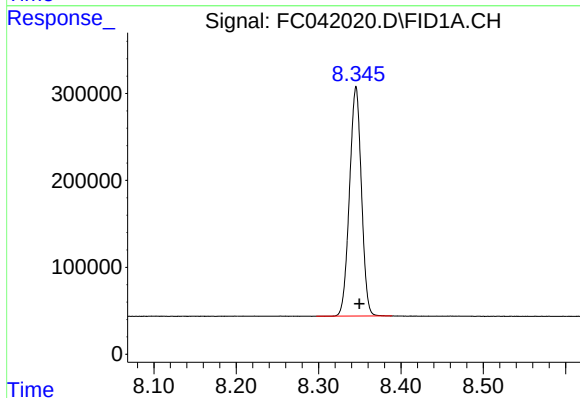
#4 n-Dodecane (C12)

R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 2647681
Conc: 22.29 ug/ml



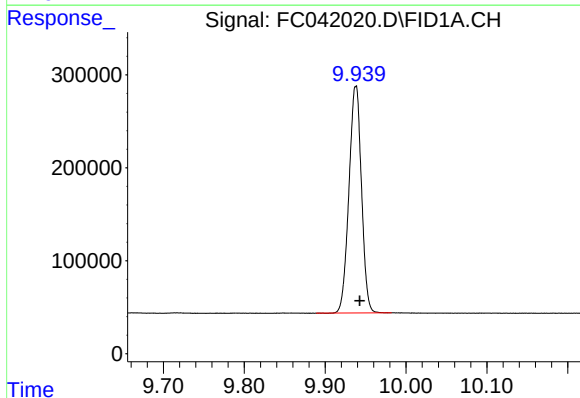
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: -0.003 min
Response: 2863263
Conc: 21.51 ug/ml



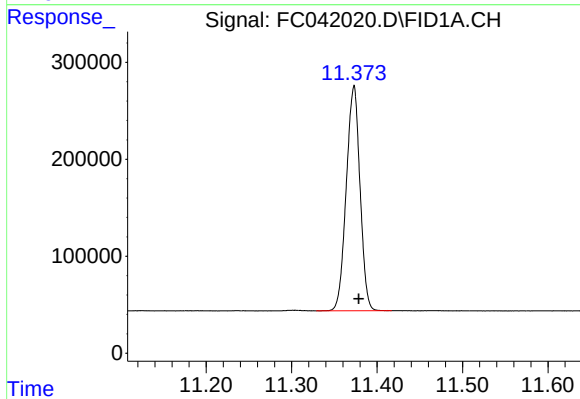
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 2650077
Conc: 21.93 ug/ml



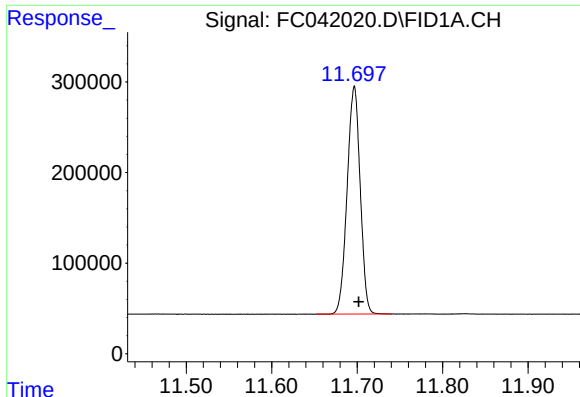
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 2628205
Conc: 21.45 ug/ml



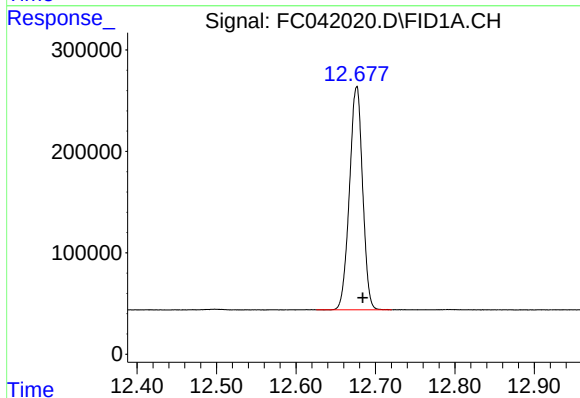
#8 n-Octadecane (C18)

R.T.: 11.373 min
Delta R.T.: -0.006 min
Response: 2591224
Conc: 20.91 ug/ml



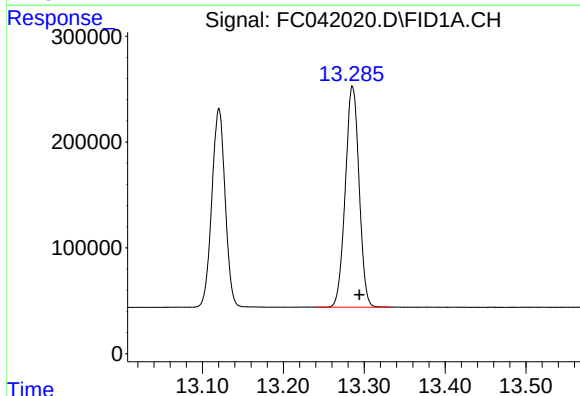
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: -0.005 min
Response: 2672948
Conc: 20.09 ug/ml



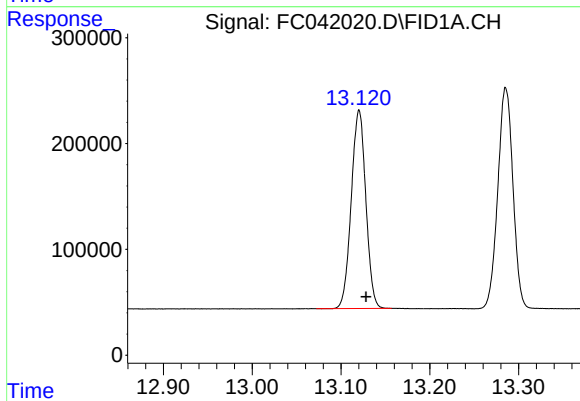
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: -0.008 min
Response: 2529780
Conc: 19.99 ug/ml



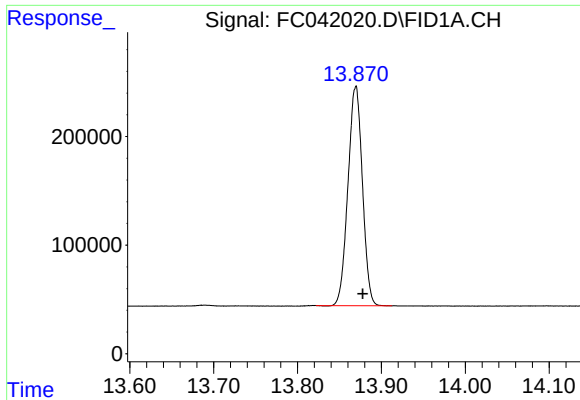
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: -0.008 min
Response: 2476723
Conc: 19.62 ug/ml



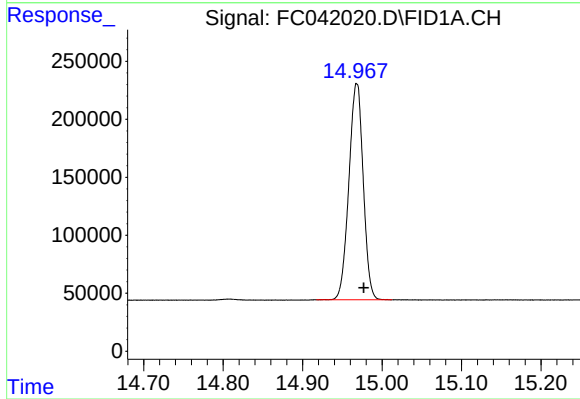
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min
Delta R.T.: -0.008 min
Response: 2137732
Conc: 19.45 ug/ml



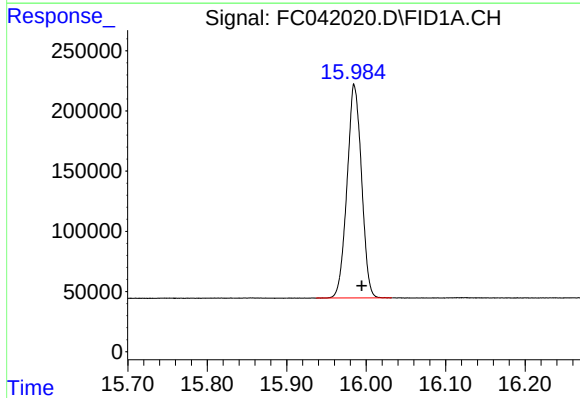
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.008 min
Response: 2419241
Conc: 19.15 ug/ml



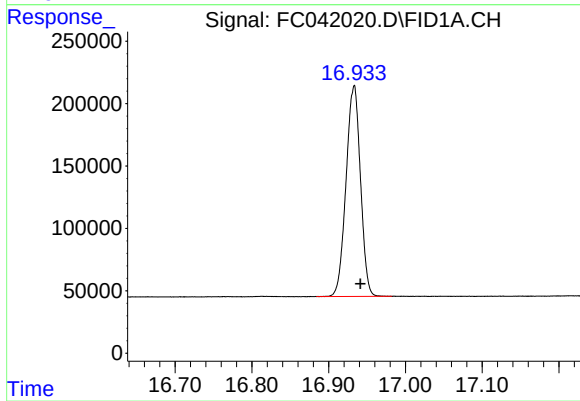
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.009 min
Response: 2339088
Conc: 18.38 ug/ml



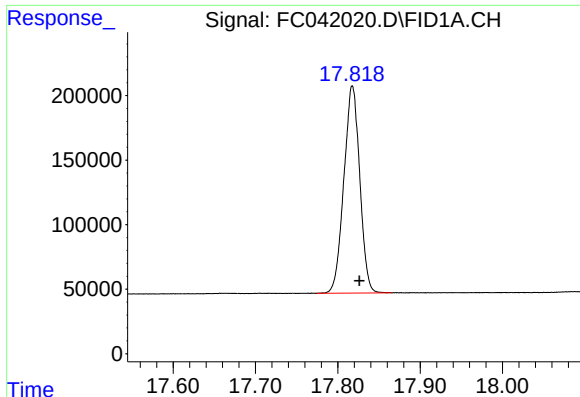
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.009 min
Response: 2247618
Conc: 18.10 ug/ml



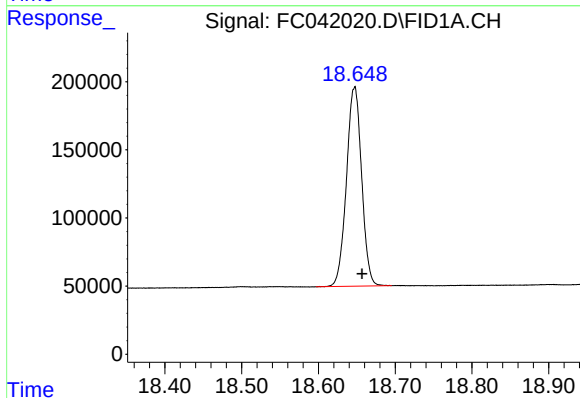
#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: -0.008 min
Response: 2204706
Conc: 18.09 ug/ml



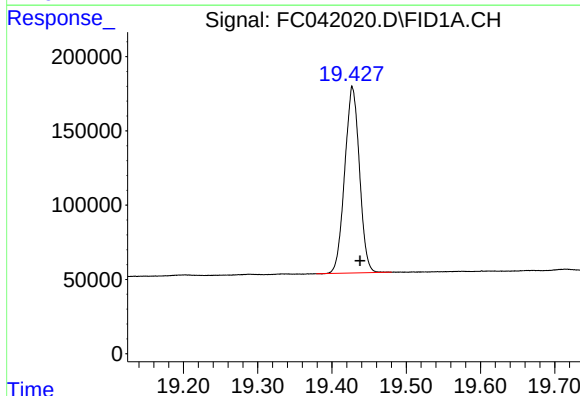
#17 n-Tricontane (C30)

R.T.: 17.818 min
Delta R.T.: -0.008 min
Response: 2152546
Conc: 18.47 ug/ml



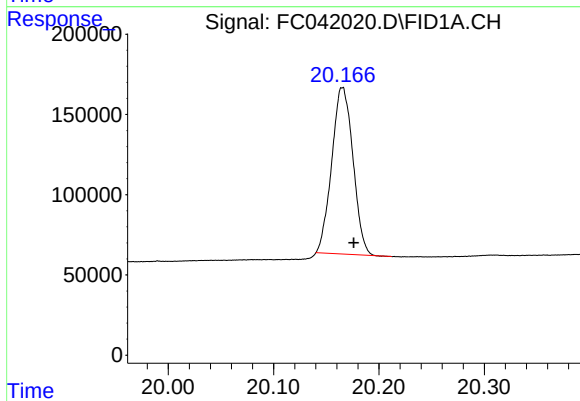
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: -0.010 min
Response: 2009492
Conc: 18.61 ug/ml



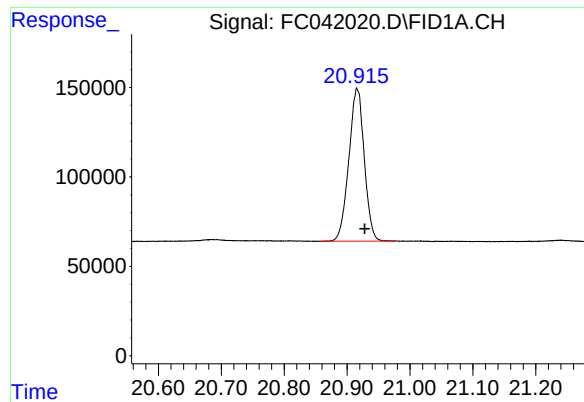
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: -0.010 min
Response: 1728749
Conc: 20.09 ug/ml



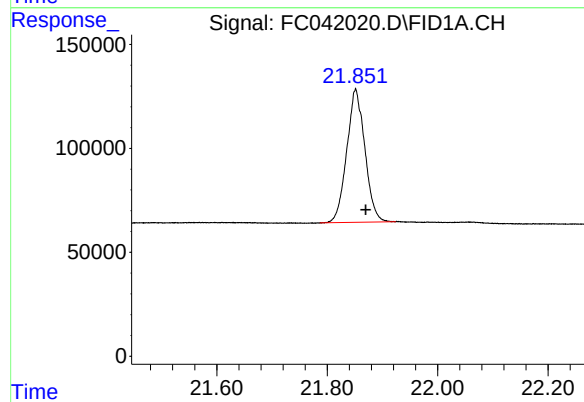
#20 n-Hexatriacontane (C36)

R.T.: 20.165 min
Delta R.T.: -0.011 min
Response: 1453640
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.916 min
Delta R.T.: -0.012 min
Response: 1453568
Conc: 21.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.019 min
Response: 1458088
Conc: 21.58 ug/ml