

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112019AL\
 Data File : FC044650.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2019 9:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 21 00:24:02 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	2422812	16.622 ug/ml
Spiked Amount 50.000		Recovery =	33.24%
12) S 1-chlorooctadecane (S...	13.149	1800598	16.104 ug/ml
Spiked Amount 50.000		Recovery =	32.21%
Target Compounds			
1) T n-Nonane (C9)	3.454	2284258	20.736 ug/ml
2) T n-Decane (C10)	4.529	2340729	21.074 ug/ml
3) T A~Naphthalene (C11.7)	6.130	2569394	20.651 ug/ml
4) T n-Dodecane (C12)	6.554	2355455	20.944 ug/ml
5) T A~2-methylnaphthalene...	7.189	2567318	20.359 ug/ml
6) T n-Tetradecane (C14)	8.349	2331799	20.611 ug/ml
7) T n-Hexadecane (C16)	9.950	2310845	20.224 ug/ml
8) T n-Octadecane (C18)	11.392	2257019	19.713 ug/ml
10) T n-Eicosane (C20)	12.702	2184205	19.152 ug/ml
11) T n-Heneicosane (C21)	13.314	2154750	18.786 ug/ml
13) T n-Docosane (C22)	13.901	2106082	18.546 ug/ml
14) T n-Tetracosane (C24)	15.005	2060504	18.221 ug/ml
15) T n-Hexacosane (C26)	16.025	1985660	17.947 ug/ml
16) T n-Octacosane (C28)	16.974	1970746	18.193 ug/ml
17) T n-Tricontane (C30)	17.863	2008381	18.977 ug/ml
18) T n-Dotriacontane (C32)	18.694	1985907	19.719 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1962823	20.933 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1901283	21.902 ug/ml
21) T n-Octatriacontane (C38)	20.985	1817545	22.539 ug/ml
22) T n-Tetracontane (C40)	21.950	1850945	21.897 ug/ml

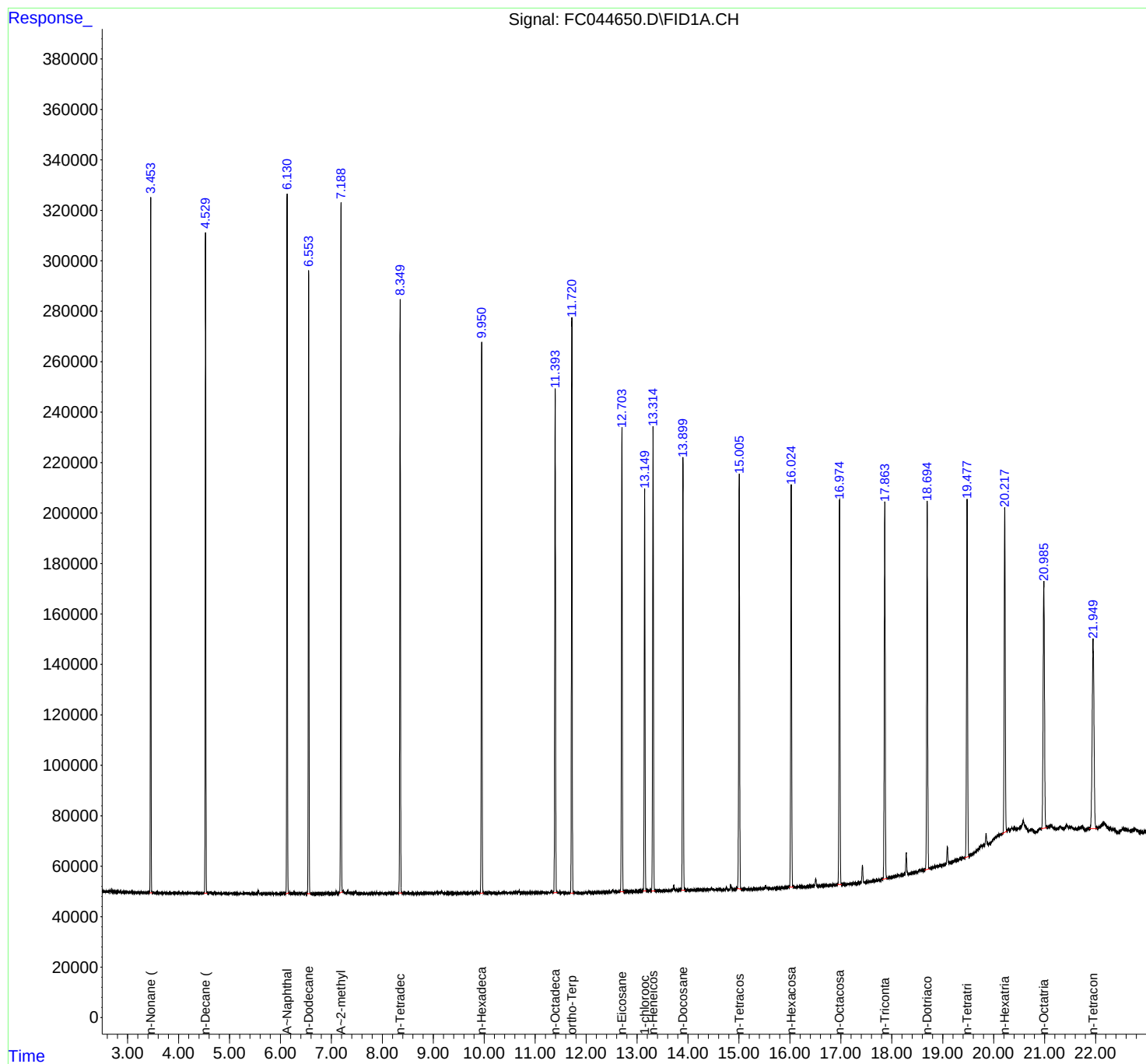
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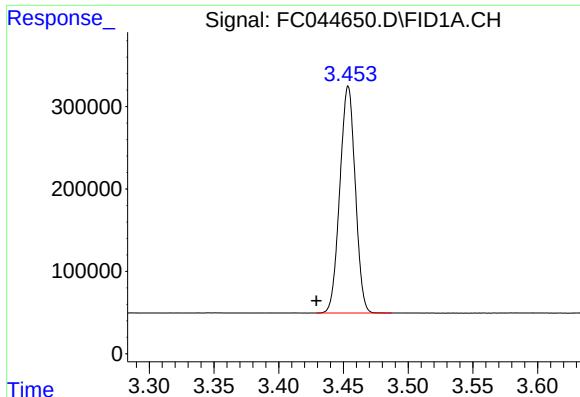
(m)=manual int.

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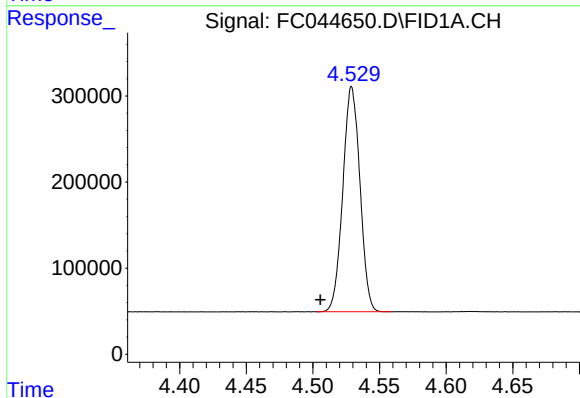
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





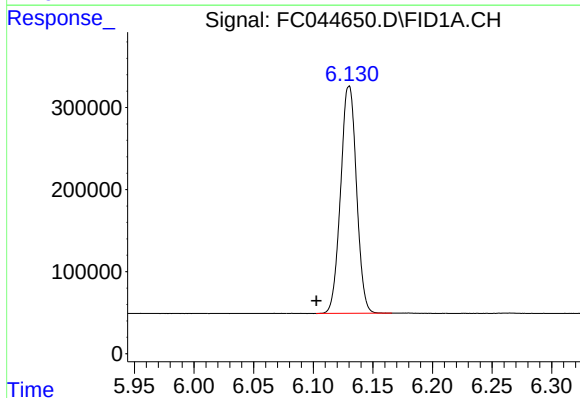
#1 n-Nonane (C9)

R.T.: 3.454 min
Delta R.T.: 0.025 min
Response: 2284258
Conc: 20.74 ug/ml



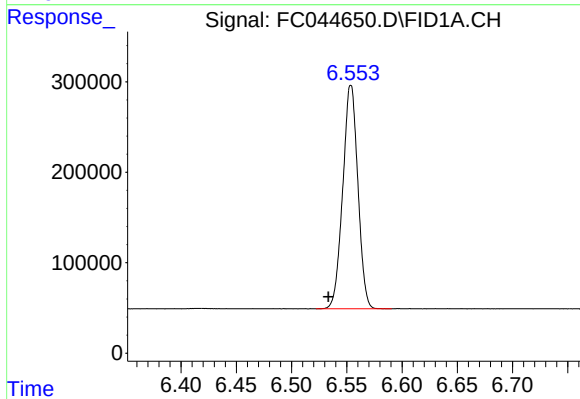
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: 2340729
Conc: 21.07 ug/ml



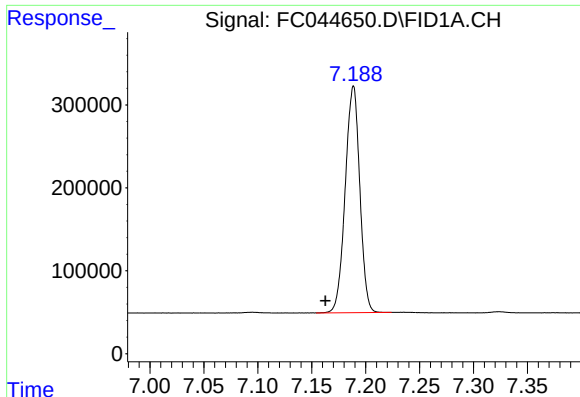
#3 A~Naphthalene (C11.7)

R.T.: 6.130 min
Delta R.T.: 0.028 min
Response: 2569394
Conc: 20.65 ug/ml



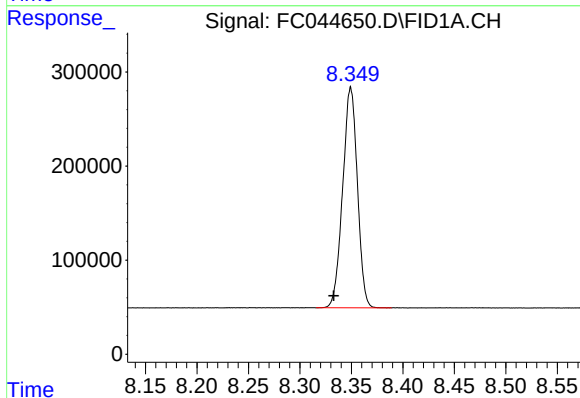
#4 n-Dodecane (C12)

R.T.: 6.554 min
Delta R.T.: 0.020 min
Response: 2355455
Conc: 20.94 ug/ml



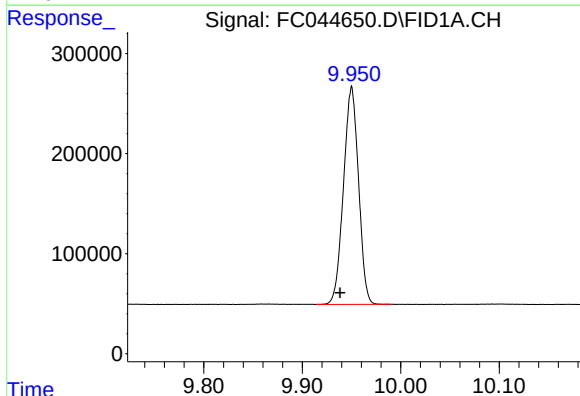
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.189 min
Delta R.T.: 0.026 min
Response: 2567318
Conc: 20.36 ug/ml



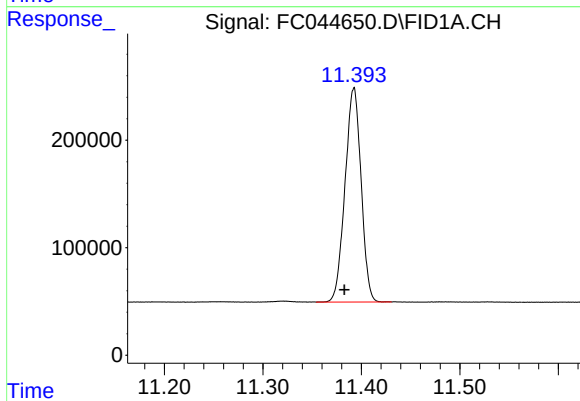
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2331799
Conc: 20.61 ug/ml



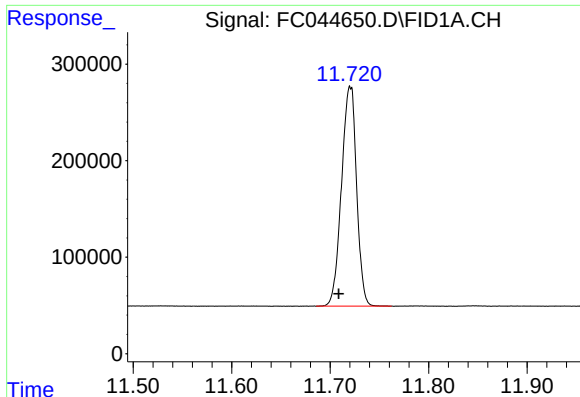
#7 n-Hexadecane (C16)

R.T.: 9.950 min
Delta R.T.: 0.012 min
Response: 2310845
Conc: 20.22 ug/ml



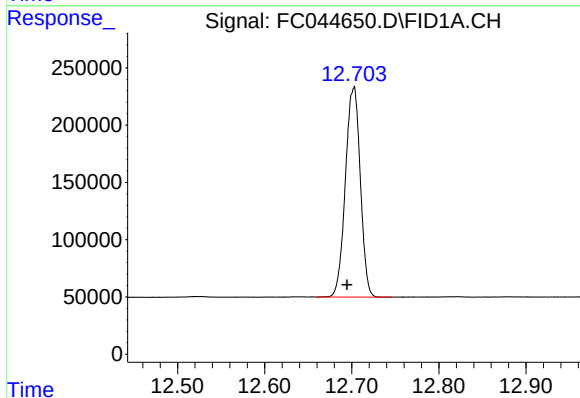
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: 0.010 min
Response: 2257019
Conc: 19.71 ug/ml



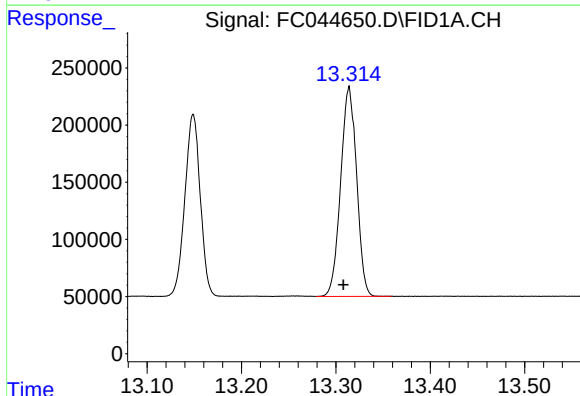
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.012 min
Response: 2422812
Conc: 16.62 ug/ml



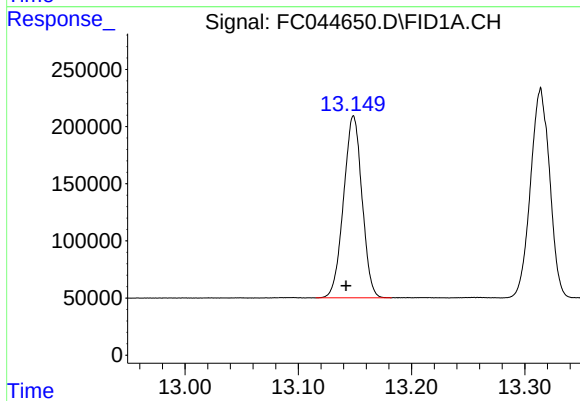
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.008 min
Response: 2184205
Conc: 19.15 ug/ml



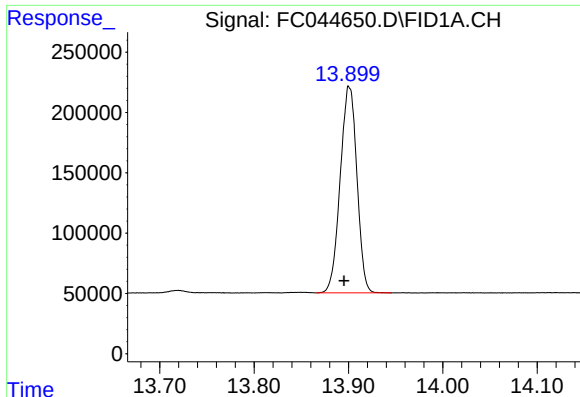
#11 n-Heneicosane (C21)

R.T.: 13.314 min
Delta R.T.: 0.006 min
Response: 2154750
Conc: 18.79 ug/ml



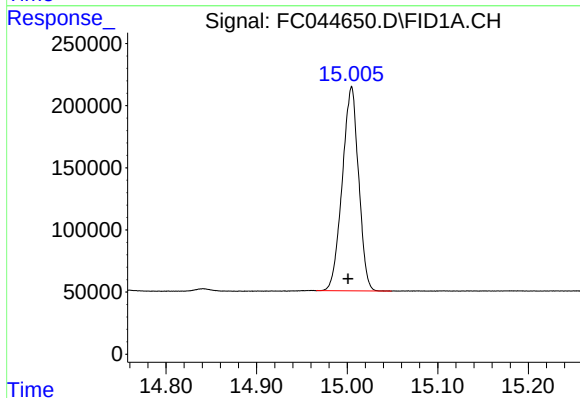
#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: 0.007 min
Response: 1800598
Conc: 16.10 ug/ml



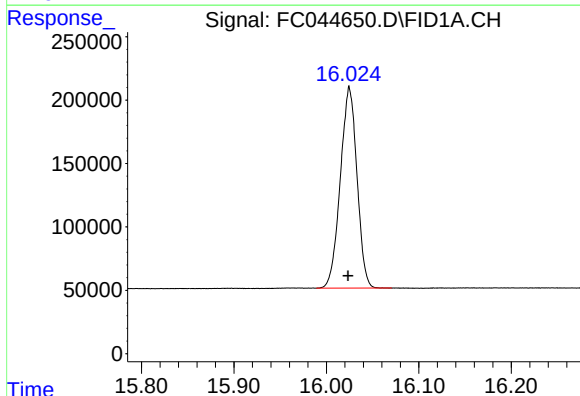
#13 n-Docosane (C22)

R.T.: 13.901 min
Delta R.T.: 0.006 min
Response: 2106082
Conc: 18.55 ug/ml



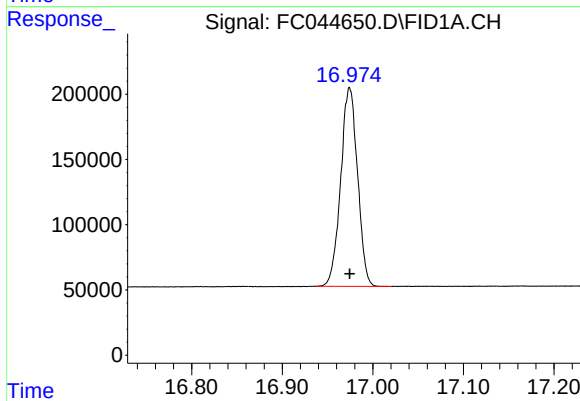
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 2060504
Conc: 18.22 ug/ml



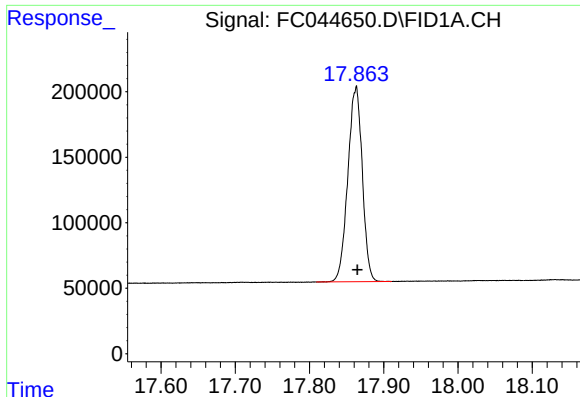
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 1985660
Conc: 17.95 ug/ml



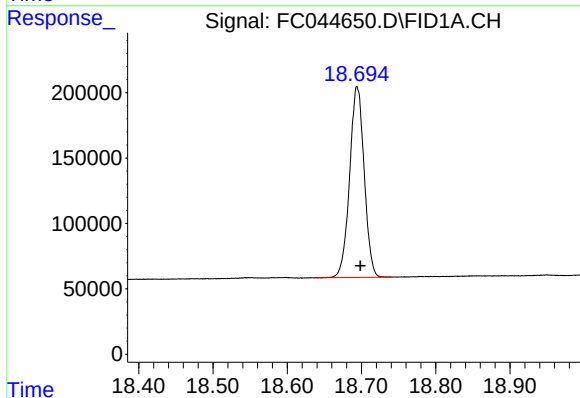
#16 n-Octacosane (C28)

R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 1970746
Conc: 18.19 ug/ml



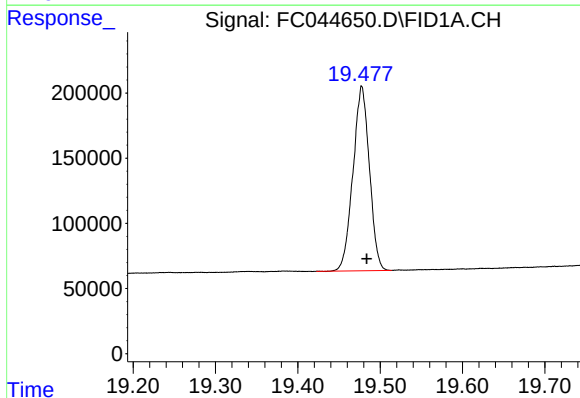
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.002 min
Response: 2008381
Conc: 18.98 ug/ml



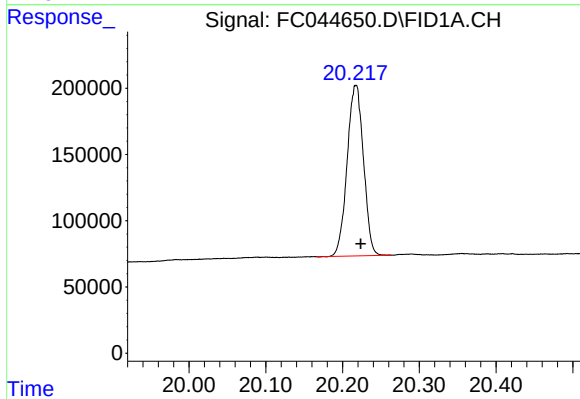
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: -0.004 min
Response: 1985907
Conc: 19.72 ug/ml



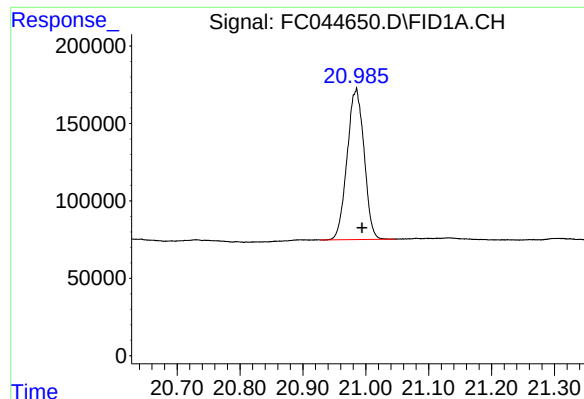
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min
Delta R.T.: -0.006 min
Response: 1962823
Conc: 20.93 ug/ml



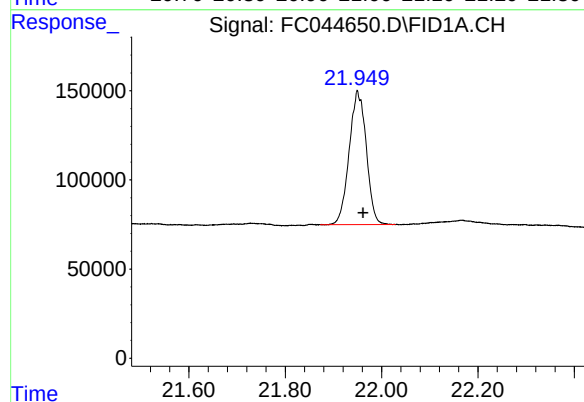
#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: -0.006 min
Response: 1901283
Conc: 21.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.985 min
Delta R.T.: -0.009 min
Response: 1817545
Conc: 22.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.012 min
Response: 1850945
Conc: 21.90 ug/ml