

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072020AL\
 Data File : FC048551.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jul 2020 8:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 21 09:35:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.680	2877419	20.965 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
12) S 1-chlorooctadecane (S...	13.113	2314517	20.539 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T n-Nonane (C9)	3.415	2738469	22.973 ug/ml
2) T n-Decane (C10)	4.489	2767033	22.988 ug/ml
3) T A~Naphthalene (C11.7)	6.085	3092111	22.978 ug/ml
4) T n-Dodecane (C12)	6.514	2810064	22.969 ug/ml
5) T A~2-methylnaphthalene...	7.144	3146349	22.827 ug/ml
6) T n-Tetradecane (C14)	8.312	2789485	22.644 ug/ml
7) T n-Hexadecane (C16)	9.914	2725451	22.264 ug/ml
8) T n-Octadecane (C18)	11.358	2779597	21.719 ug/ml
10) T n-Eicosane (C20)	12.668	2724139	21.063 ug/ml
11) T n-Heneicosane (C21)	13.280	2681710	20.688 ug/ml
13) T n-Docosane (C22)	13.865	2638839	20.324 ug/ml
14) T n-Tetracosane (C24)	14.967	2544451	19.411 ug/ml
15) T n-Hexacosane (C26)	15.987	2427308	18.667 ug/ml
16) T n-Octacosane (C28)	16.936	2349381	17.980 ug/ml
17) T n-Tricontane (C30)	17.823	2242878	17.446 ug/ml
18) T n-Dotriacontane (C32)	18.653	2032151	17.201 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1905004	17.067 ug/ml
20) T n-Hexatriacontane (C36)	20.174	1822261	17.326 ug/ml
21) T n-Octatriacontane (C38)	20.931	1753761	17.864 ug/ml
22) T n-Tetracontane (C40)	21.881	1811703	18.643 ug/ml

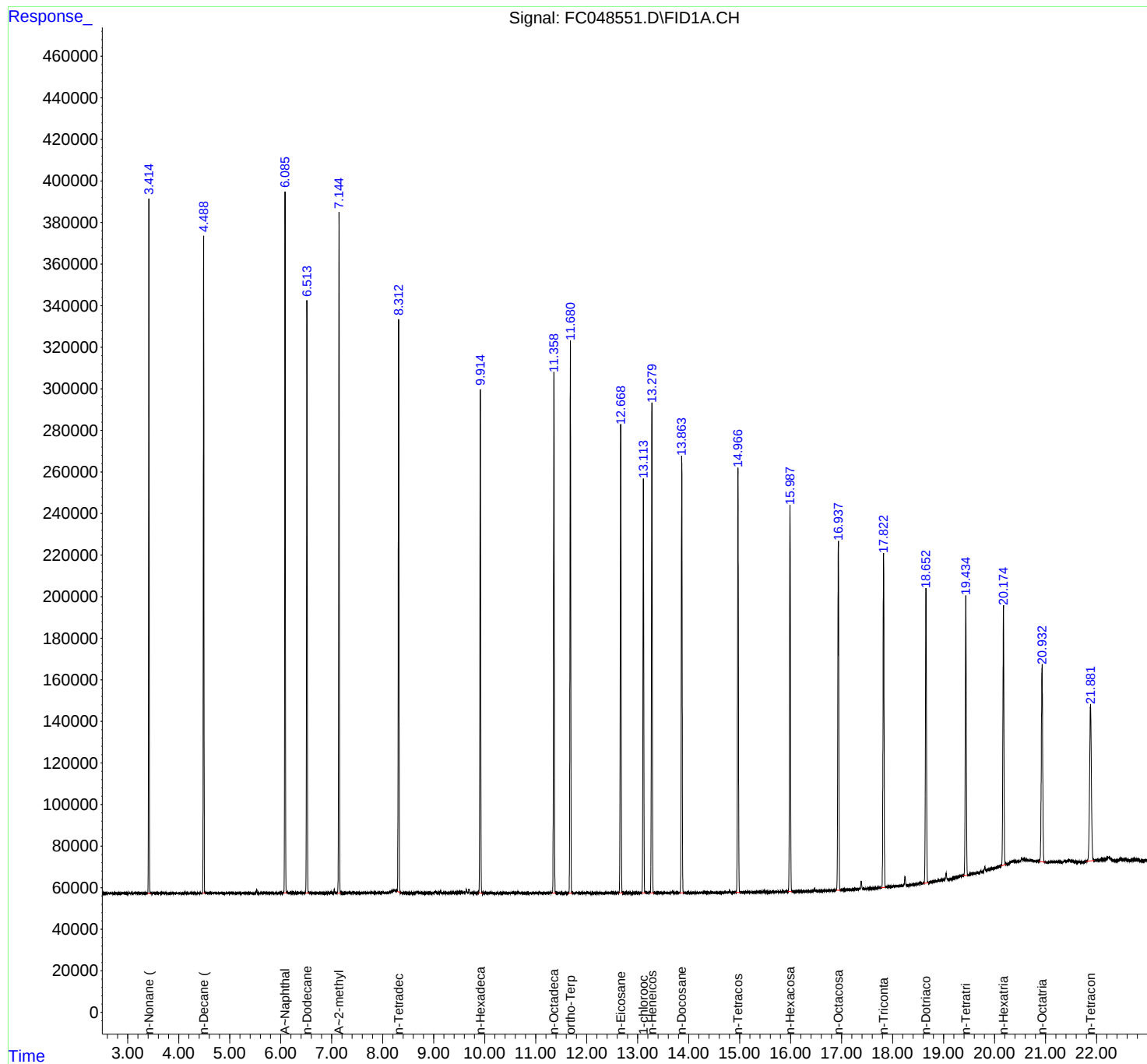
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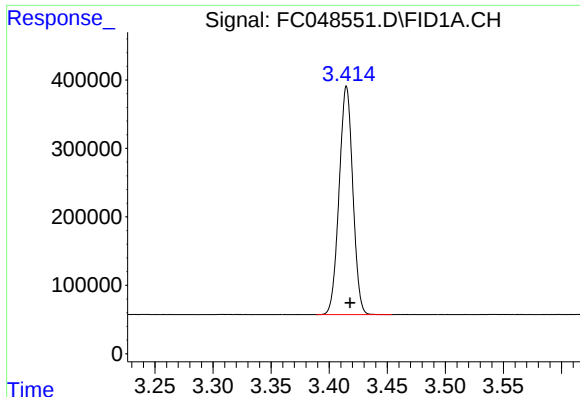
(m)=manual int.

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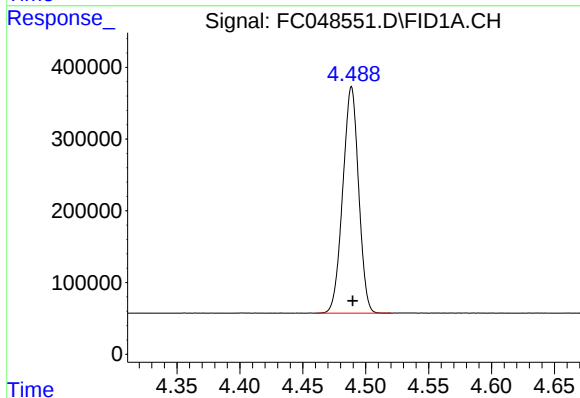
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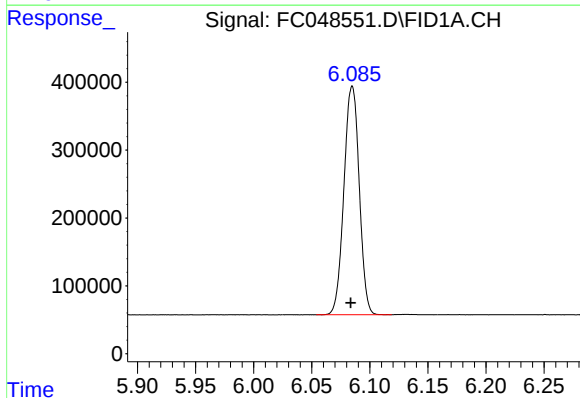
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2738469
Conc: 22.97 ug/ml



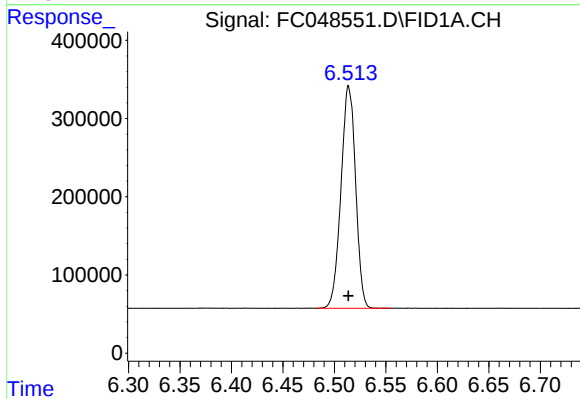
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 2767033
Conc: 22.99 ug/ml



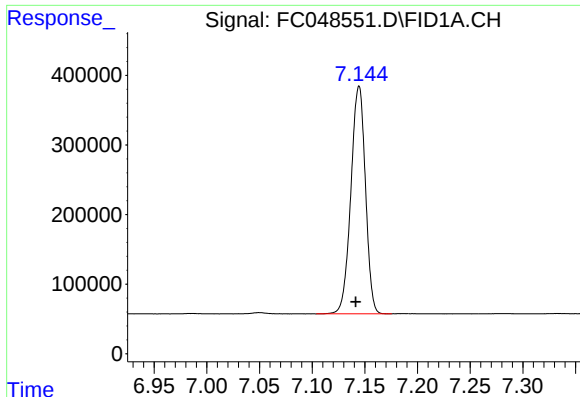
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 3092111
Conc: 22.98 ug/ml



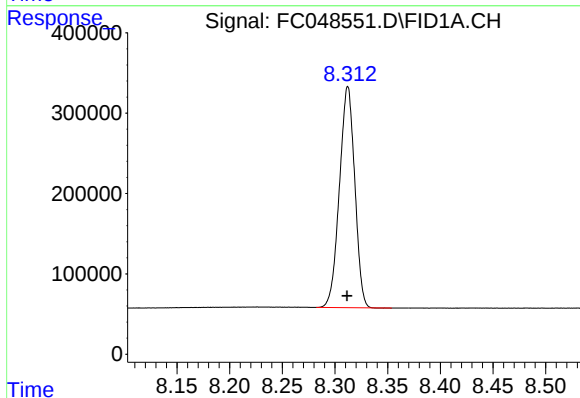
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2810064
Conc: 22.97 ug/ml



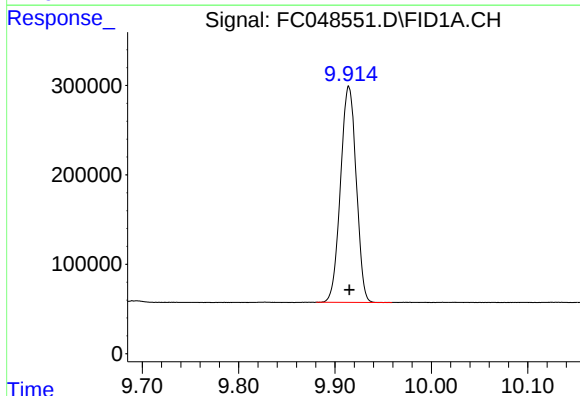
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: 0.003 min
Response: 3146349
Conc: 22.83 ug/ml



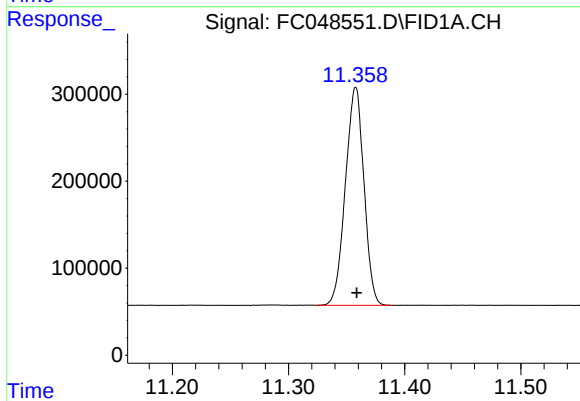
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2789485
Conc: 22.64 ug/ml



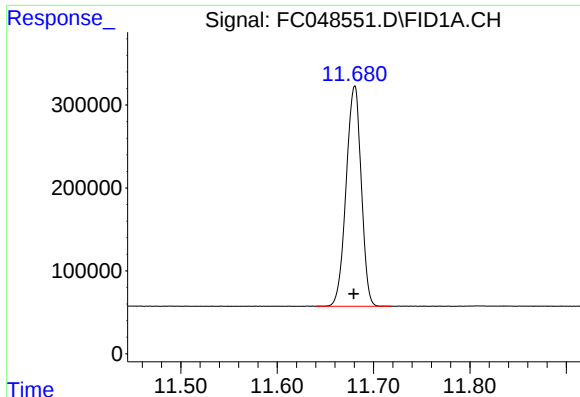
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2725451
Conc: 22.26 ug/ml



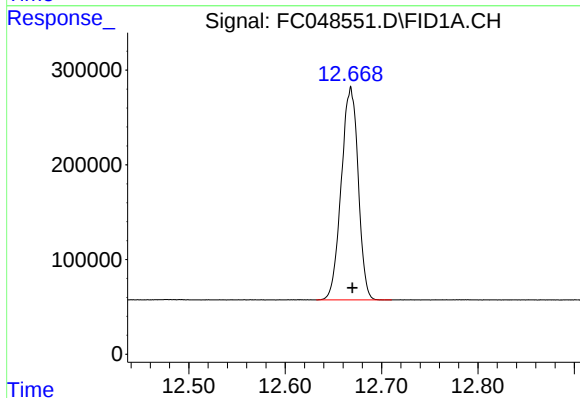
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2779597
Conc: 21.72 ug/ml



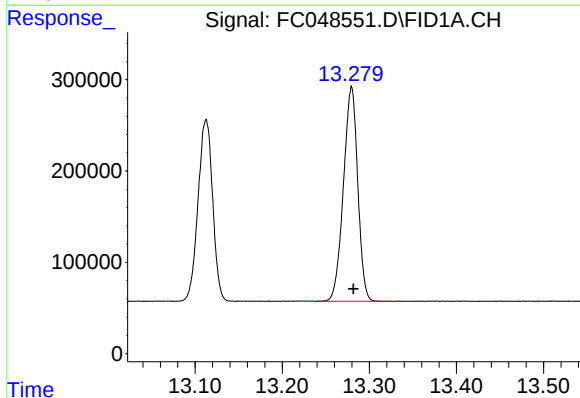
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 2877419
Conc: 20.96 ug/ml



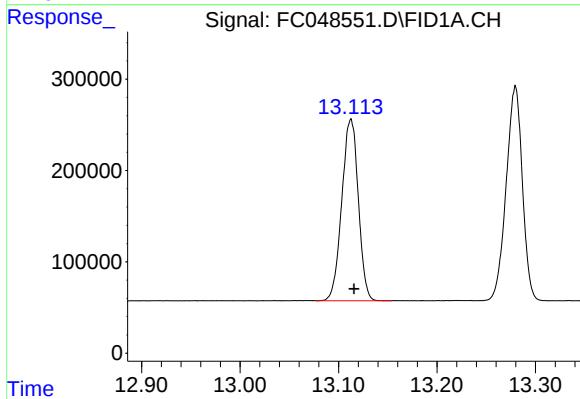
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2724139
Conc: 21.06 ug/ml



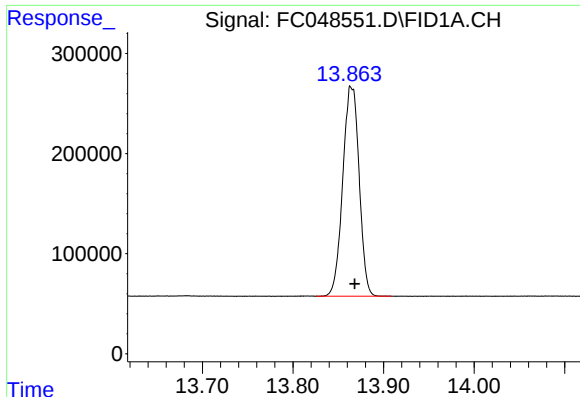
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2681710
Conc: 20.69 ug/ml



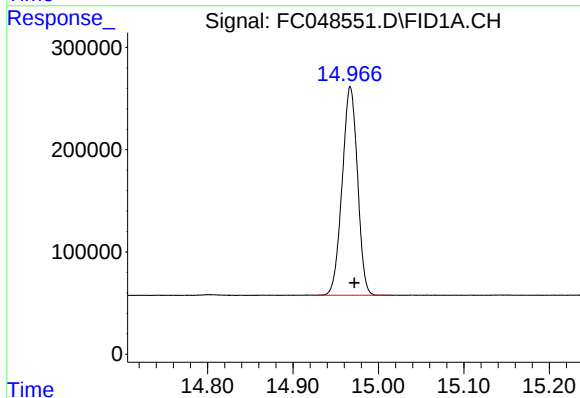
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.003 min
Response: 2314517
Conc: 20.54 ug/ml



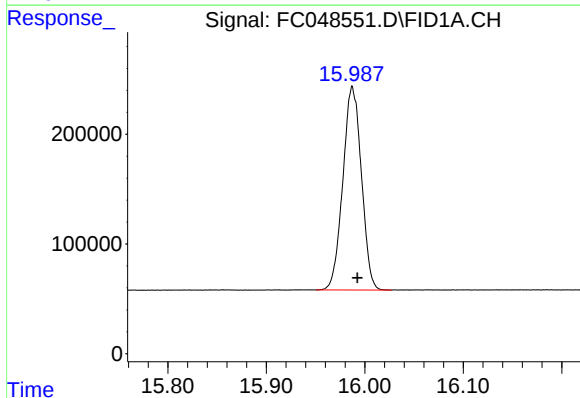
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.004 min
Response: 2638839
Conc: 20.32 ug/ml



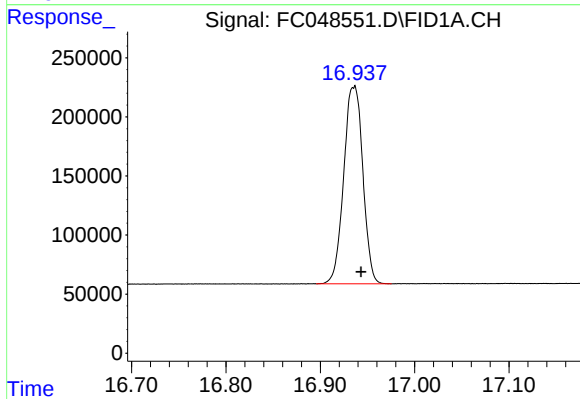
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2544451
Conc: 19.41 ug/ml



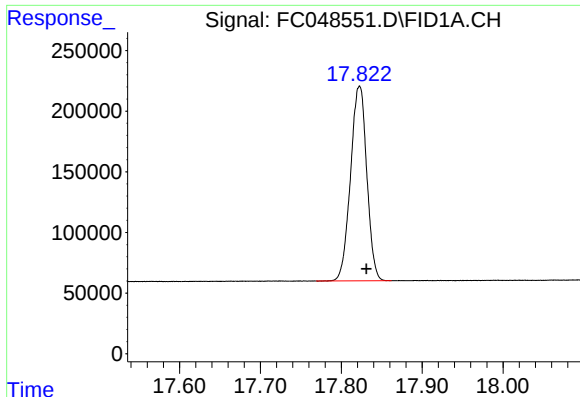
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.005 min
Response: 2427308
Conc: 18.67 ug/ml



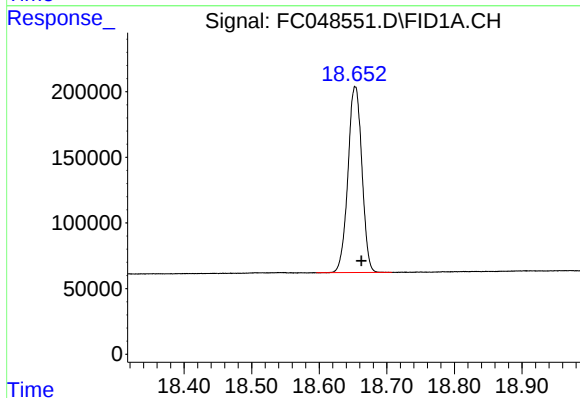
#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.007 min
Response: 2349381
Conc: 17.98 ug/ml



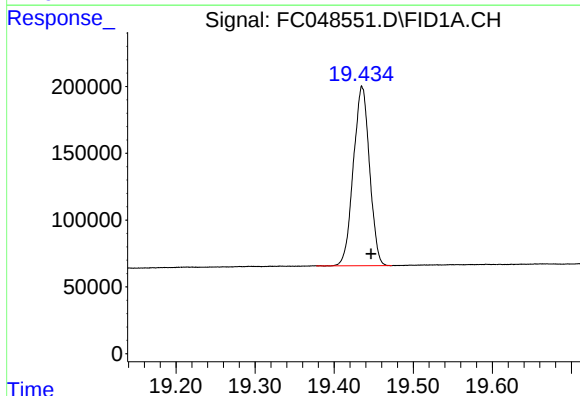
#17 n-Tricontane (C30)

R.T.: 17.823 min
Delta R.T.: -0.008 min
Response: 2242878
Conc: 17.45 ug/ml



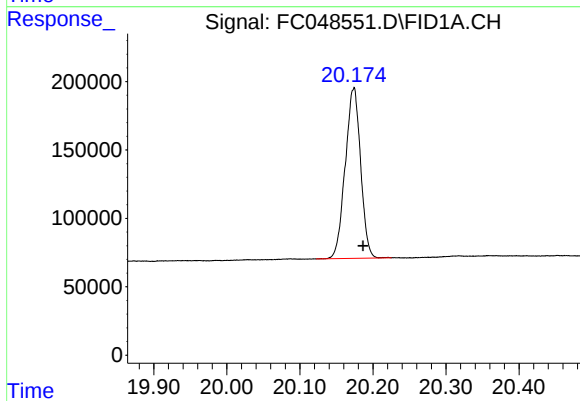
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.009 min
Response: 2032151
Conc: 17.20 ug/ml



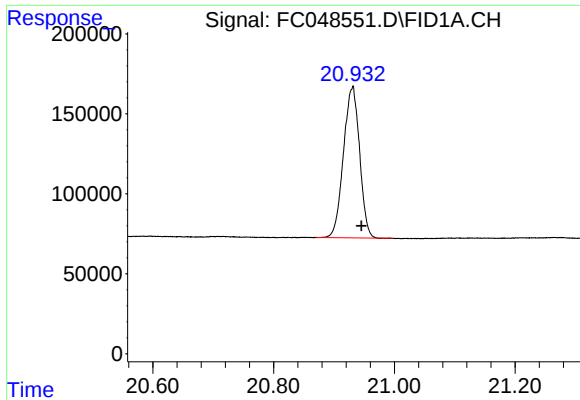
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.011 min
Response: 1905004
Conc: 17.07 ug/ml



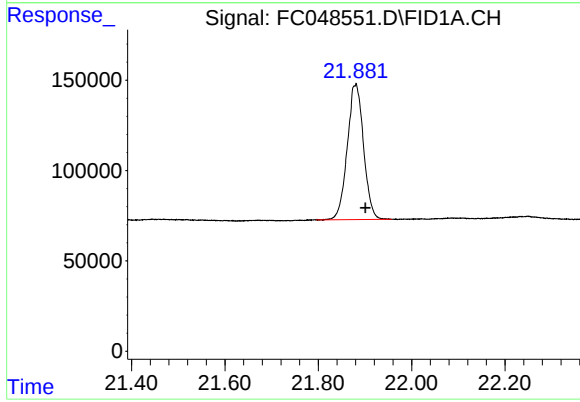
#20 n-Hexatriacontane (C36)

R.T.: 20.174 min
Delta R.T.: -0.013 min
Response: 1822261
Conc: 17.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.015 min
Response: 1753761
Conc: 17.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.881 min
Delta R.T.: -0.021 min
Response: 1811703
Conc: 18.64 ug/ml