

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080520AL\
 Data File : FC048867.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2020 8:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 11:40:27 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)	11.678	2516695	18.337 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	13.111	2015763	17.888 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.416	2468766	20.710 ug/ml
2) T n-Decane (C10)	4.489	2510321	20.855 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2766497	20.558 ug/ml
4) T n-Dodecane (C12)	6.514	2550598	20.848 ug/ml
5) T A~2-methylnaphthalene...	7.145	2798850	20.306 ug/ml
6) T n-Tetradecane (C14)	8.312	2527834	20.520 ug/ml
7) T n-Hexadecane (C16)	9.914	2459024	20.088 ug/ml
8) T n-Octadecane (C18)	11.357	2481932	19.393 ug/ml
10) T n-Eicosane (C20)	12.666	2405592	18.600 ug/ml
11) T n-Heneicosane (C21)	13.277	2356185	18.177 ug/ml
13) T n-Docosane (C22)	13.863	2323652	17.897 ug/ml
14) T n-Tetracosane (C24)	14.965	2225047	16.974 ug/ml
15) T n-Hexacosane (C26)	15.984	2146160	16.505 ug/ml
16) T n-Octacosane (C28)	16.933	2111201	16.157 ug/ml
17) T n-Tricontane (C30)	17.819	2053145	15.971 ug/ml
18) T n-Dotriacontane (C32)	18.647	1895345	16.043 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1794377	16.076 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1720517	16.359 ug/ml
21) T n-Octatriacontane (C38)	20.920	1667192	16.983 ug/ml
22) T n-Tetracontane (C40)	21.868	1737770	17.882 ug/ml

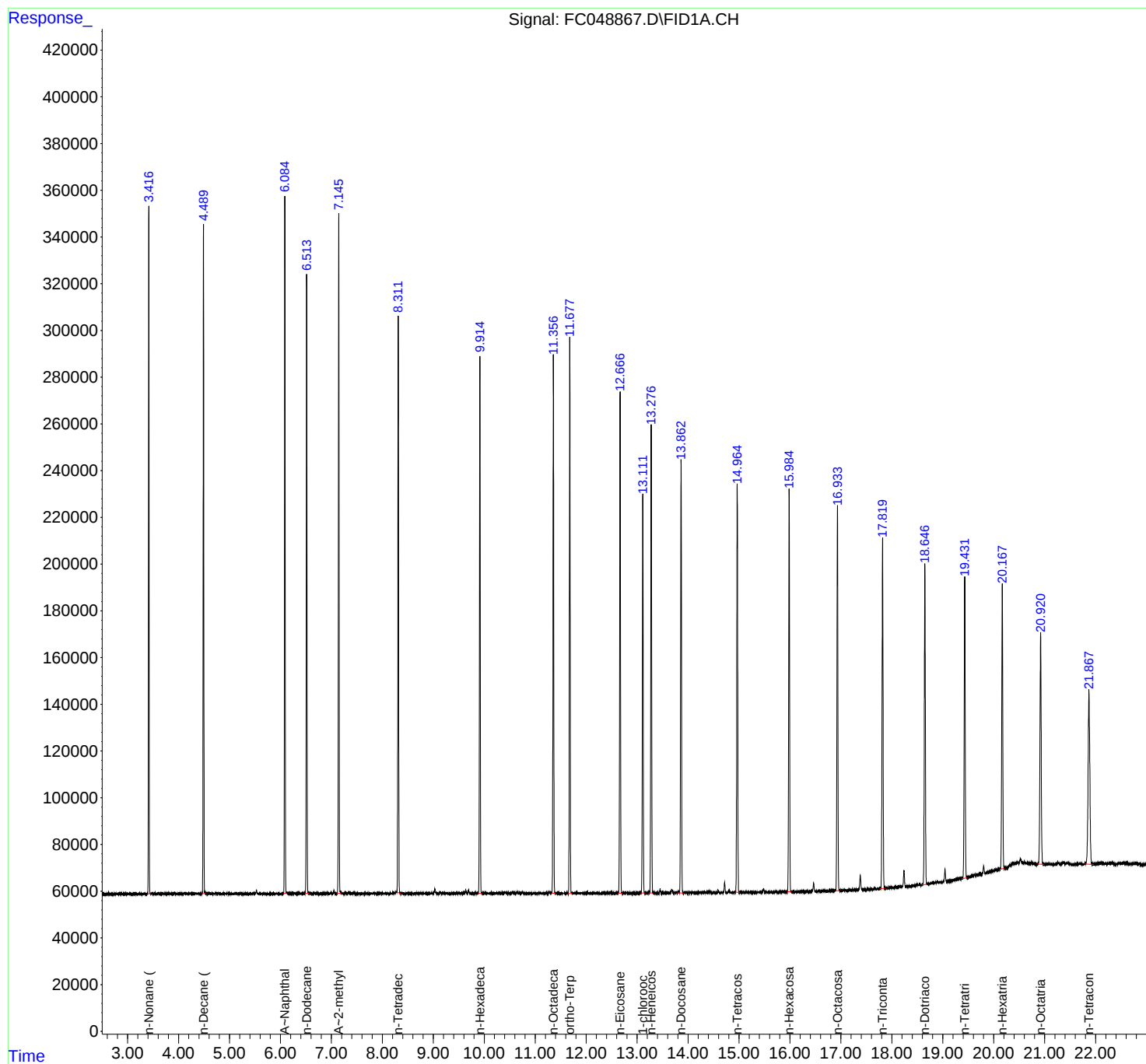
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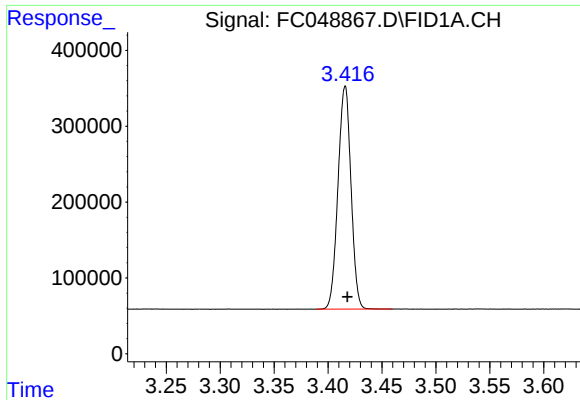
(m)=manual int.

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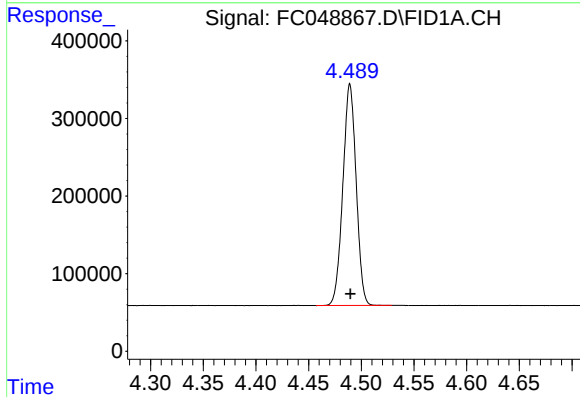
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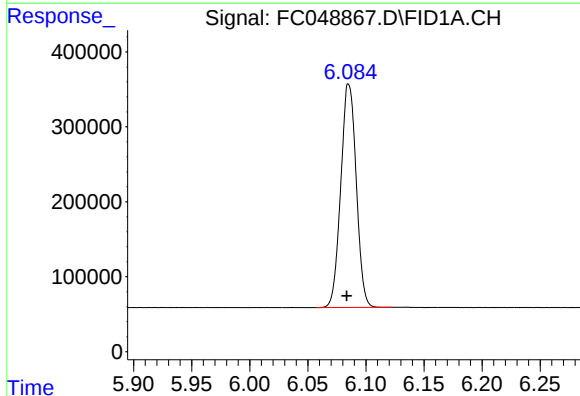
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: -0.002 min
Response: 2468766
Conc: 20.71 ug/ml



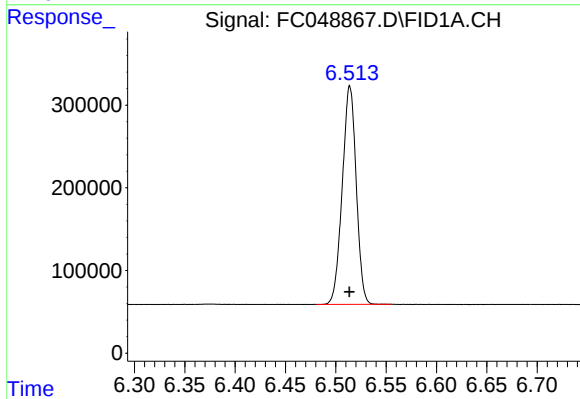
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2510321
Conc: 20.86 ug/ml



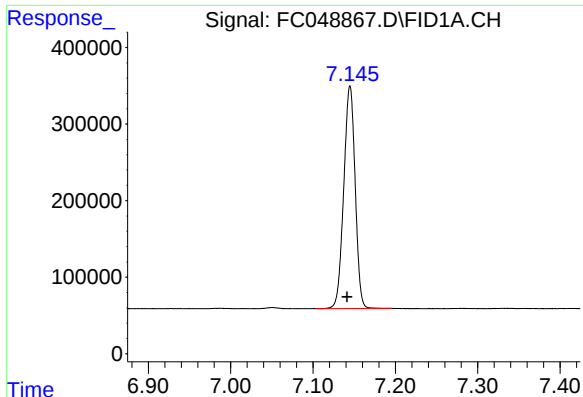
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 2766497
Conc: 20.56 ug/ml



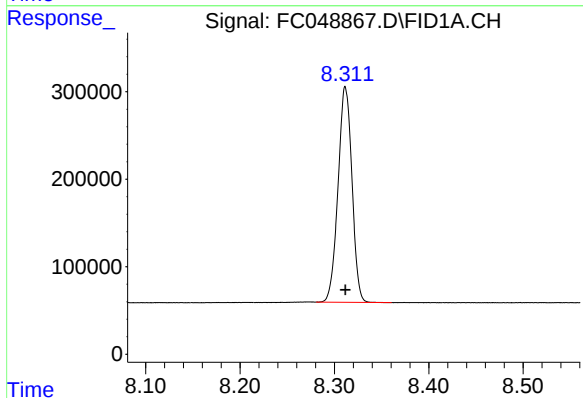
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2550598
Conc: 20.85 ug/ml



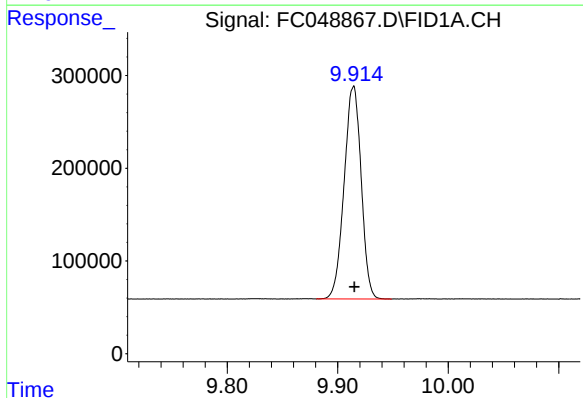
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 2798850
Conc: 20.31 ug/ml



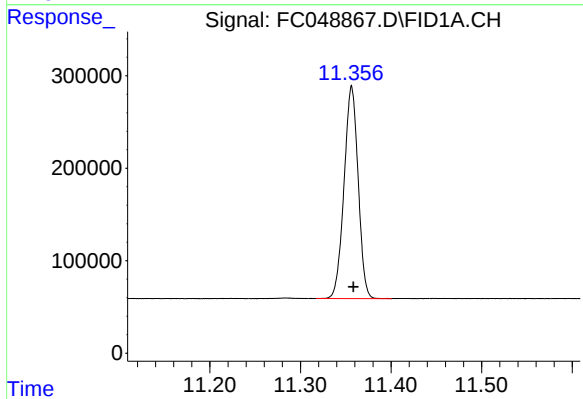
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2527834
Conc: 20.52 ug/ml



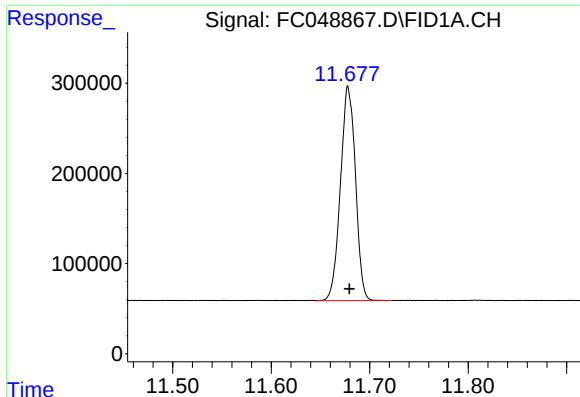
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2459024
Conc: 20.09 ug/ml



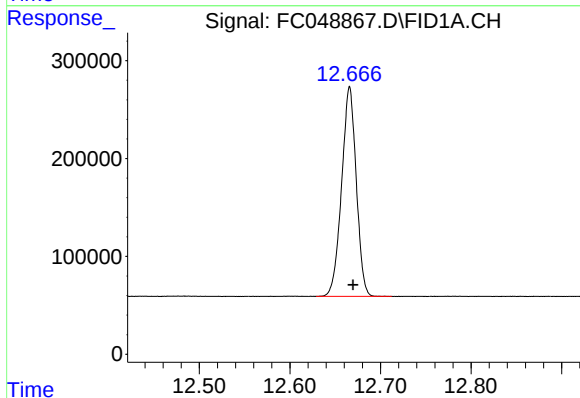
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.002 min
Response: 2481932
Conc: 19.39 ug/ml



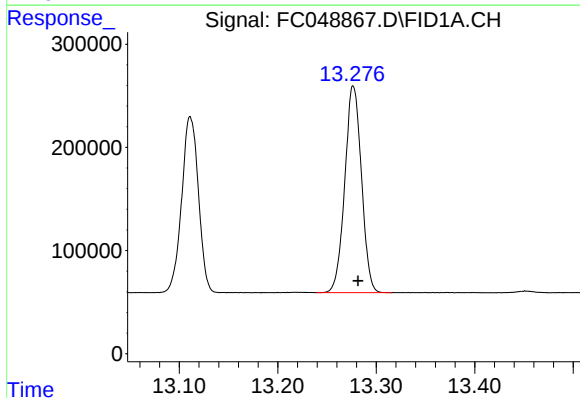
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.002 min
Response: 2516695
Conc: 18.34 ug/ml



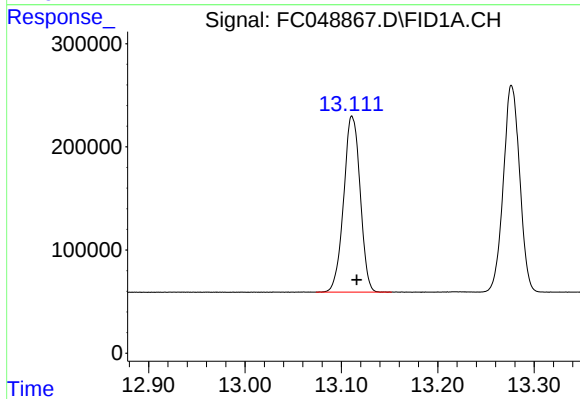
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2405592
Conc: 18.60 ug/ml



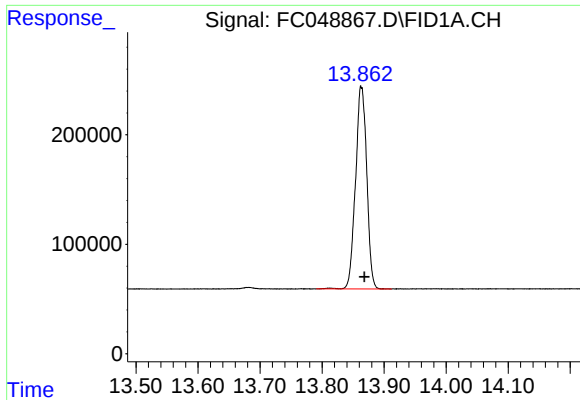
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.005 min
Response: 2356185
Conc: 18.18 ug/ml



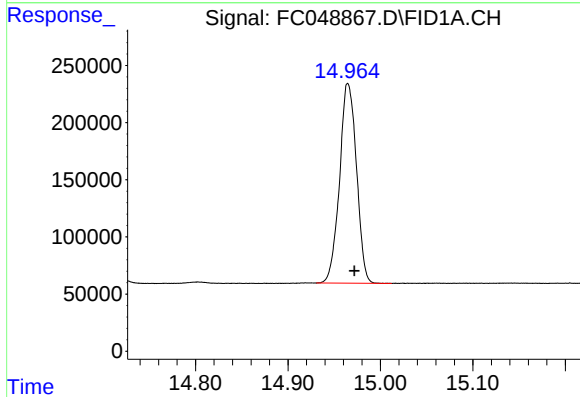
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.005 min
Response: 2015763
Conc: 17.89 ug/ml



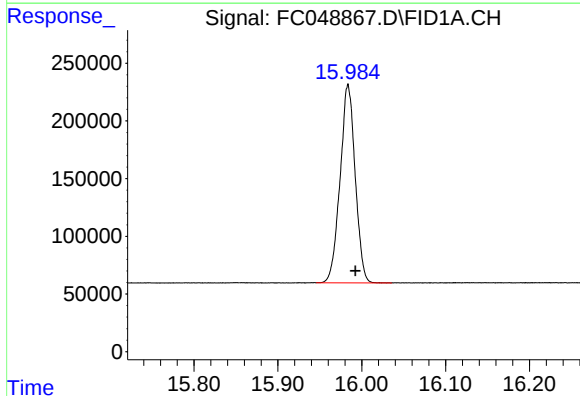
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.005 min
Response: 2323652
Conc: 17.90 ug/ml



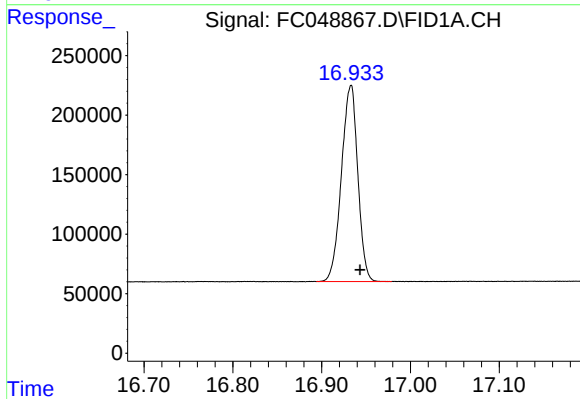
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.007 min
Response: 2225047
Conc: 16.97 ug/ml



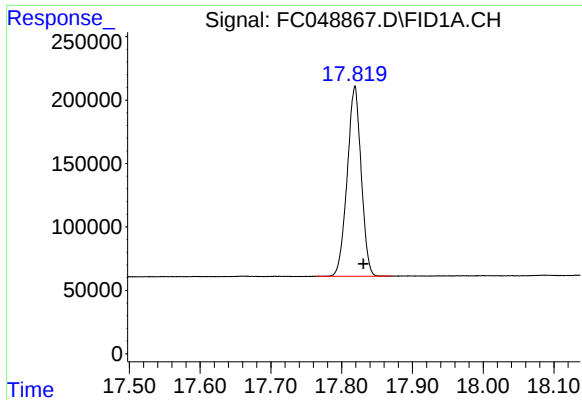
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.009 min
Response: 2146160
Conc: 16.50 ug/ml



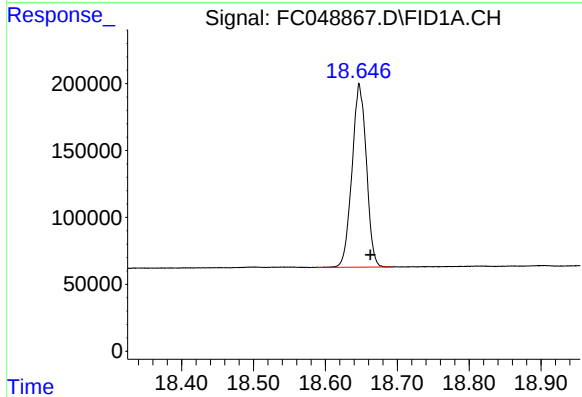
#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: -0.010 min
Response: 2111201
Conc: 16.16 ug/ml



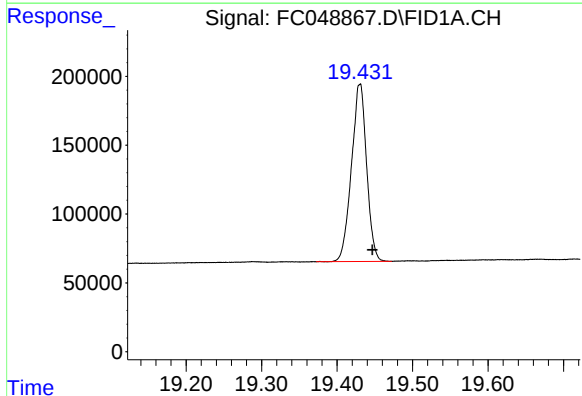
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: -0.012 min
Response: 2053145
Conc: 15.97 ug/ml



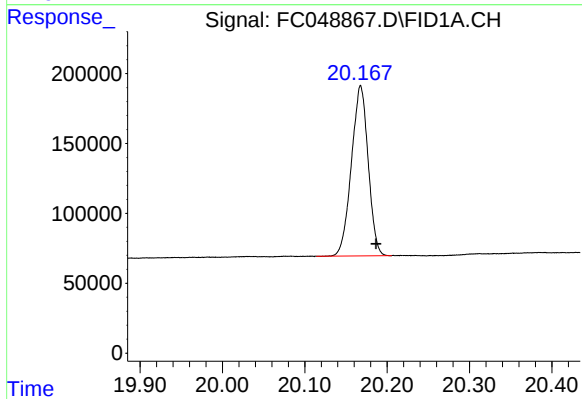
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: -0.015 min
Response: 1895345
Conc: 16.04 ug/ml



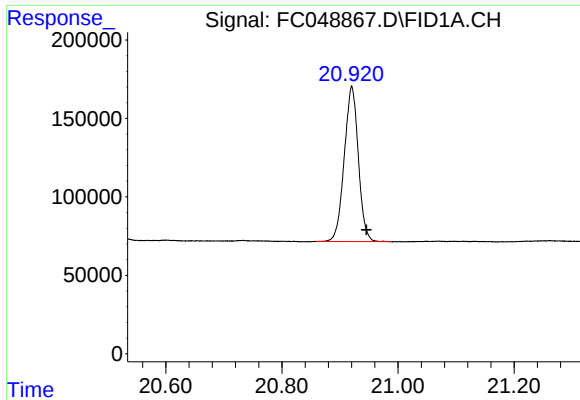
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.017 min
Response: 1794377
Conc: 16.08 ug/ml



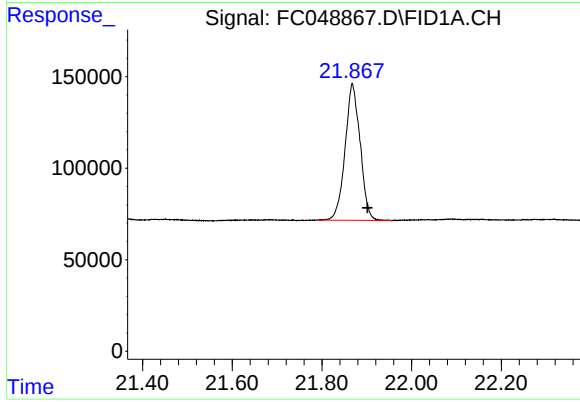
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: -0.019 min
Response: 1720517
Conc: 16.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: -0.025 min
Response: 1667192
Conc: 16.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: -0.033 min
Response: 1737770
Conc: 17.88 ug/ml