

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011620AL\
 Data File : FC045371.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2020 3:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 17 05:46:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 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)	11.761	2237309	19.727 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.183	1727003	19.368 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.515	2136551	21.218 ug/ml
2) T n-Decane (C10)	4.588	2187825	21.687 ug/ml
3) T A~Naphthalene (C11.7)	6.191	2412005	21.525 ug/ml
4) T n-Dodecane (C12)	6.605	2217053	21.781 ug/ml
5) T A~2-methylnaphthalene...	7.246	2421368	21.482 ug/ml
6) T n-Tetradecane (C14)	8.396	2216141	21.743 ug/ml
7) T n-Hexadecane (C16)	9.992	2208173	21.448 ug/ml
8) T n-Octadecane (C18)	11.430	2181238	20.974 ug/ml
10) T n-Eicosane (C20)	12.736	2132903	20.387 ug/ml
11) T n-Heneicosane (C21)	13.346	2087810	19.741 ug/ml
13) T n-Docosane (C22)	13.931	2094763	19.812 ug/ml
14) T n-Tetracosane (C24)	15.032	2095802	19.616 ug/ml
15) T n-Hexacosane (C26)	16.051	2147141	20.132 ug/ml
16) T n-Octacosane (C28)	16.998	2161815	20.470 ug/ml
17) T n-Tricontane (C30)	17.883	2064392	20.251 ug/ml
18) T n-Dotriacontane (C32)	18.713	1760130	20.346 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1432265	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1289639	19.624 ug/mlm
21) T n-Octatriacontane (C38)	21.003	1217638	20.617 ug/ml
22) T n-Tetracontane (C40)	21.968	1187161	20.073 ug/ml

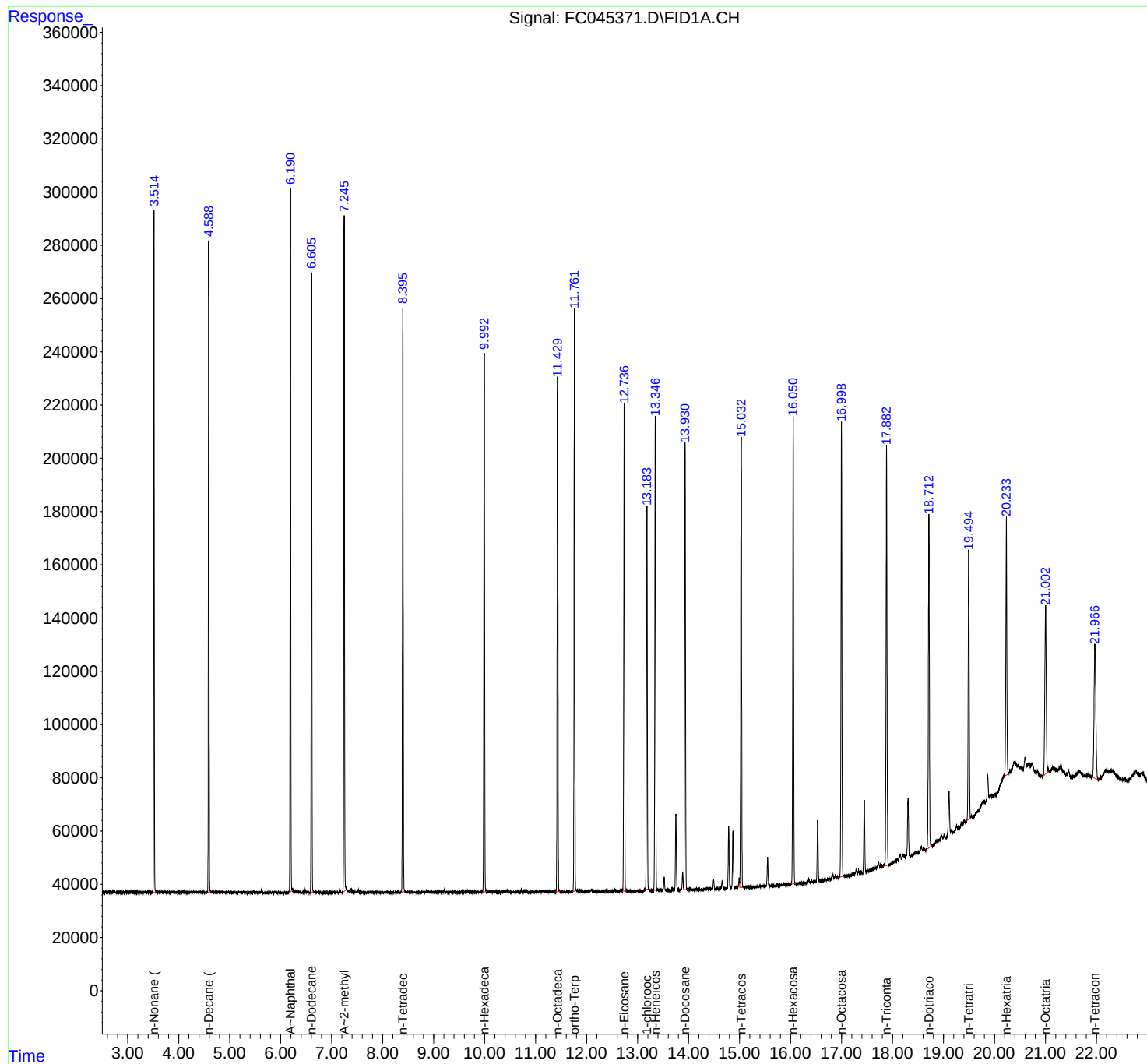
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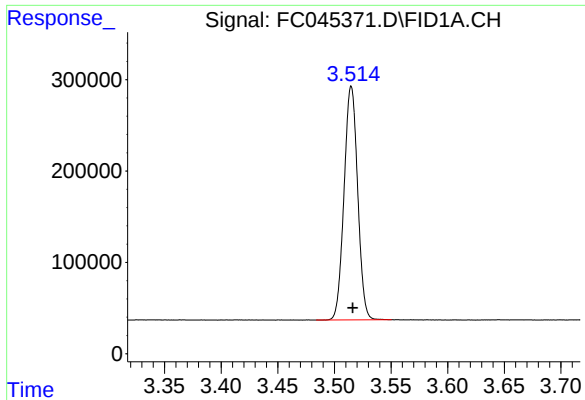
(m)=manual int.

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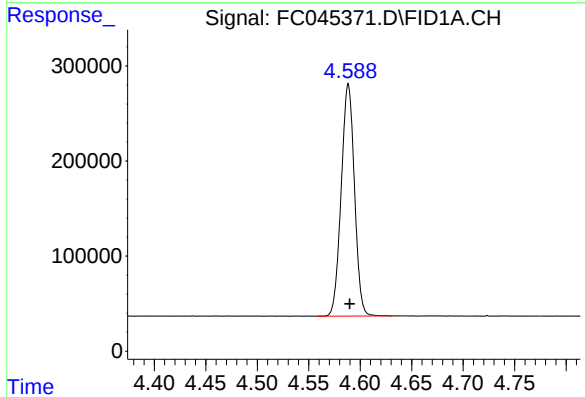
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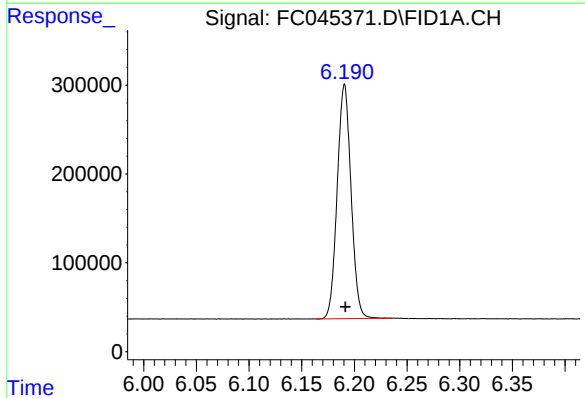
#1 n-Nonane (C9)

R.T.: 3.515 min
Delta R.T.: -0.001 min
Response: 2136551
Conc: 21.22 ug/ml



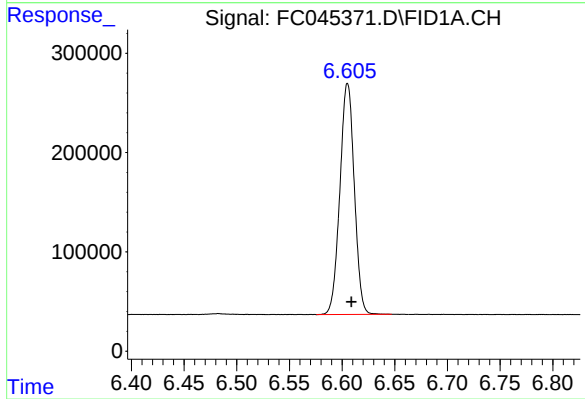
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 2187825
Conc: 21.69 ug/ml



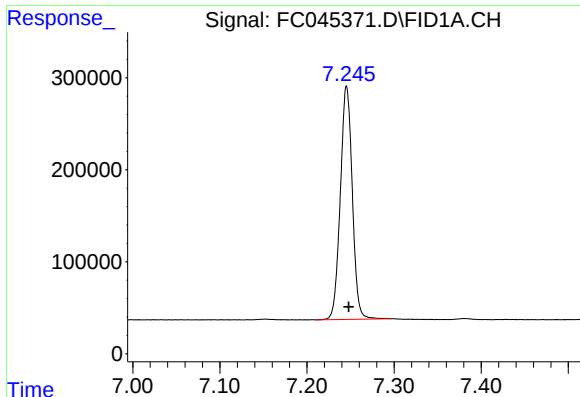
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 2412005
Conc: 21.52 ug/ml



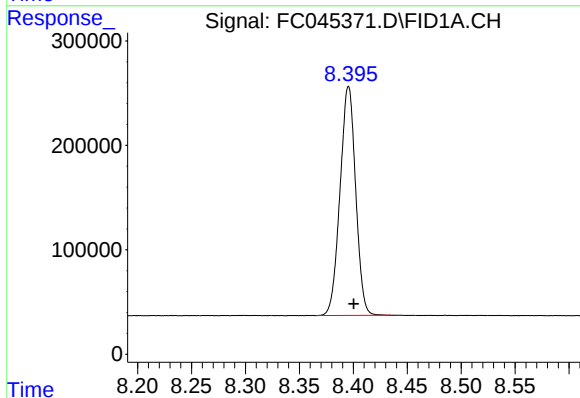
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 2217053
Conc: 21.78 ug/ml



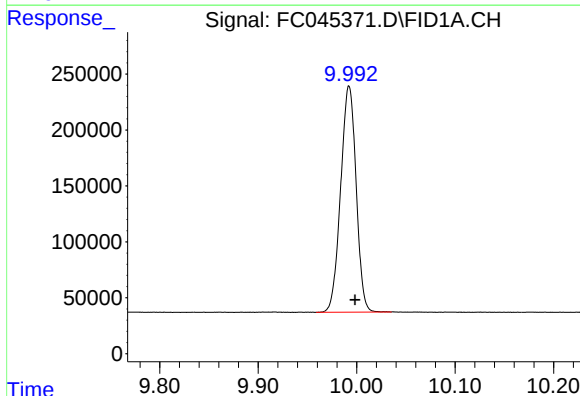
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.002 min
Response: 2421368
Conc: 21.48 ug/ml



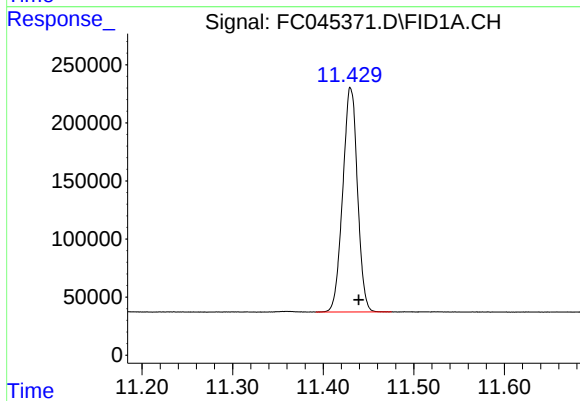
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 2216141
Conc: 21.74 ug/ml



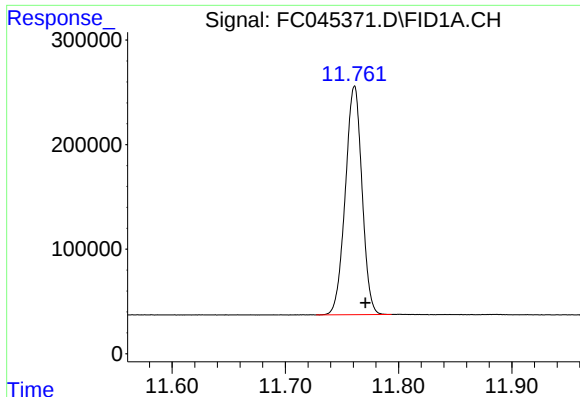
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 2208173
Conc: 21.45 ug/ml



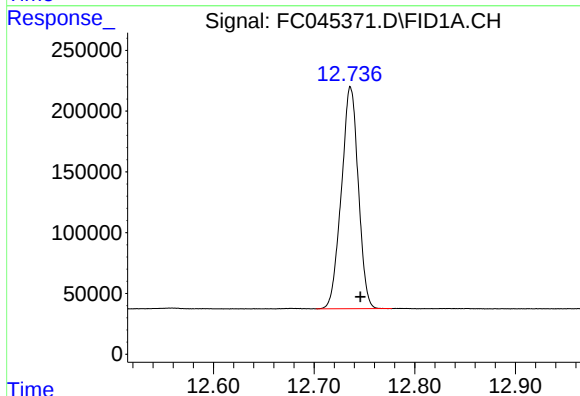
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: -0.009 min
Response: 2181238
Conc: 20.97 ug/ml



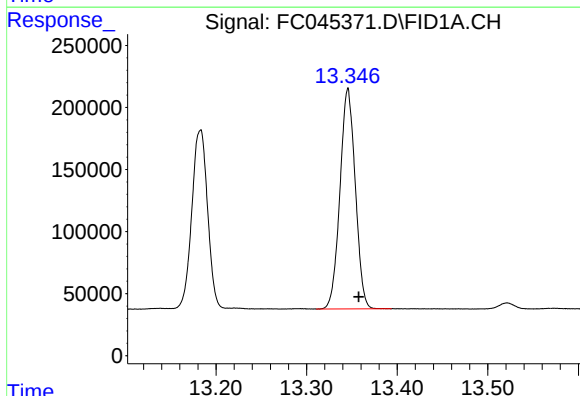
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: -0.009 min
Response: 2237309
Conc: 19.73 ug/ml



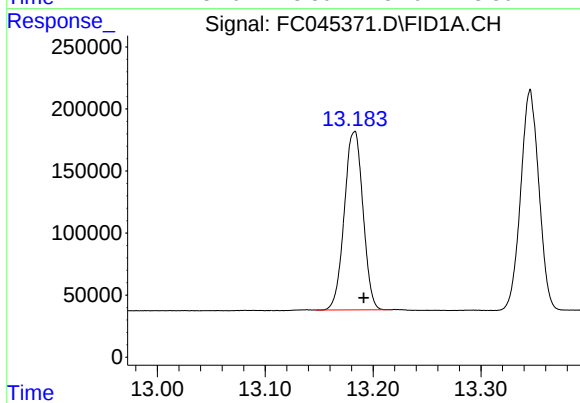
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.010 min
Response: 2132903
Conc: 20.39 ug/ml



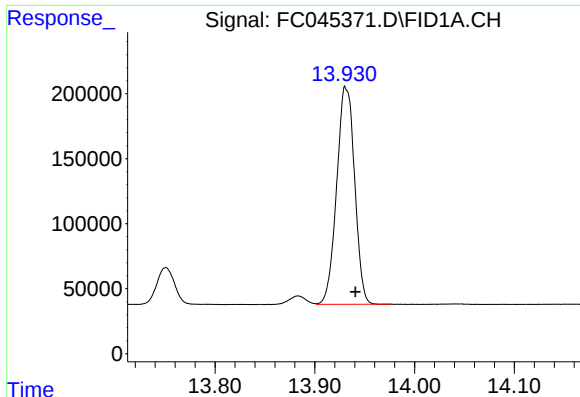
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.012 min
Response: 2087810
Conc: 19.74 ug/ml



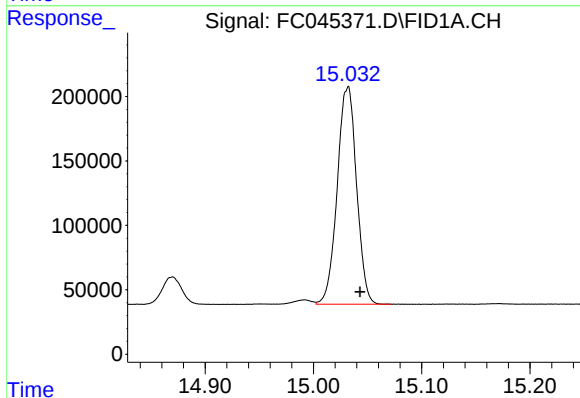
#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: -0.009 min
Response: 1727003
Conc: 19.37 ug/ml



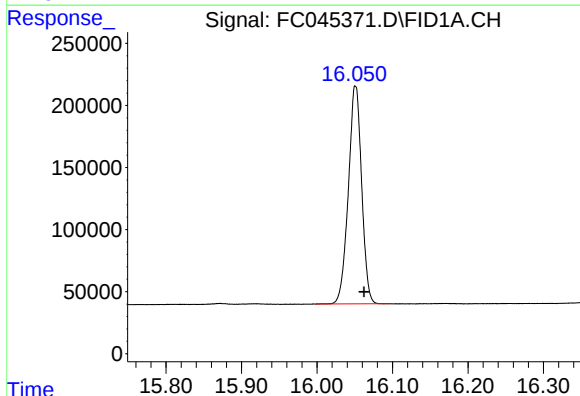
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: -0.010 min
Response: 2094763
Conc: 19.81 ug/ml



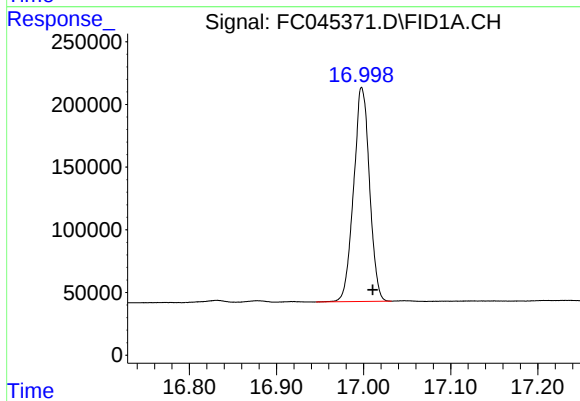
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.011 min
Response: 2095802
Conc: 19.62 ug/ml



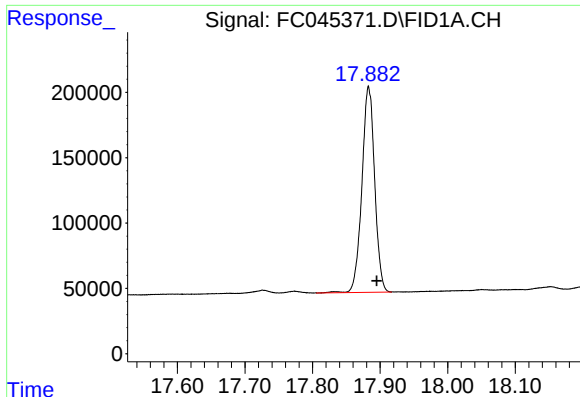
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.011 min
Response: 2147141
Conc: 20.13 ug/ml



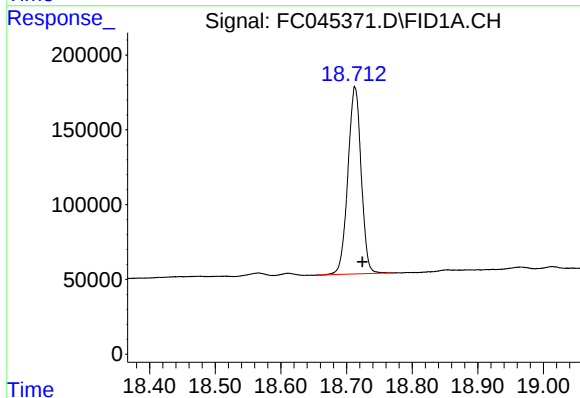
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.013 min
Response: 2161815
Conc: 20.47 ug/ml



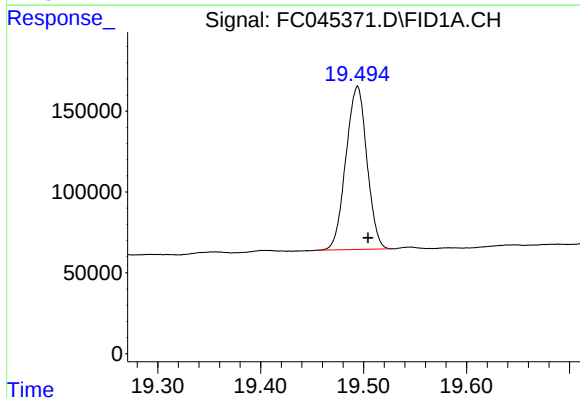
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 2064392
Conc: 20.25 ug/ml



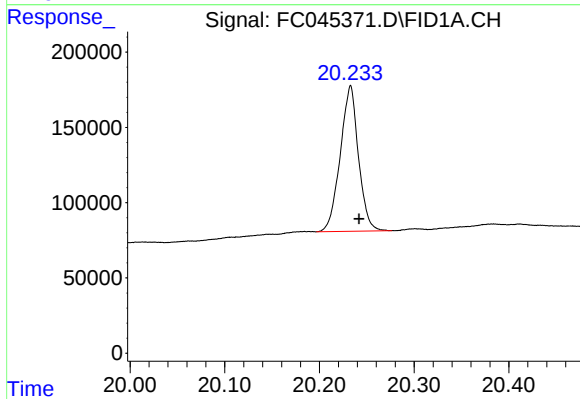
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: -0.011 min
Response: 1760130
Conc: 20.35 ug/ml



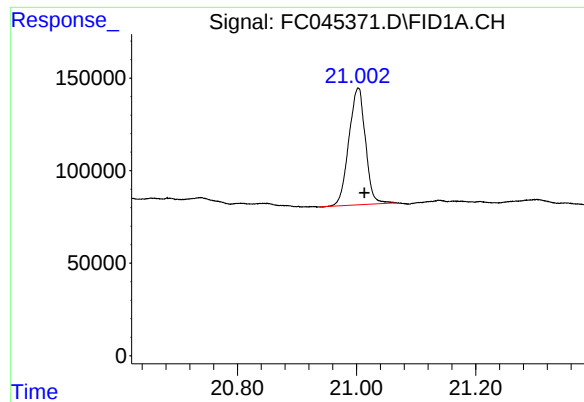
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.010 min
Response: 1432265
Conc: 19.55 ug/ml



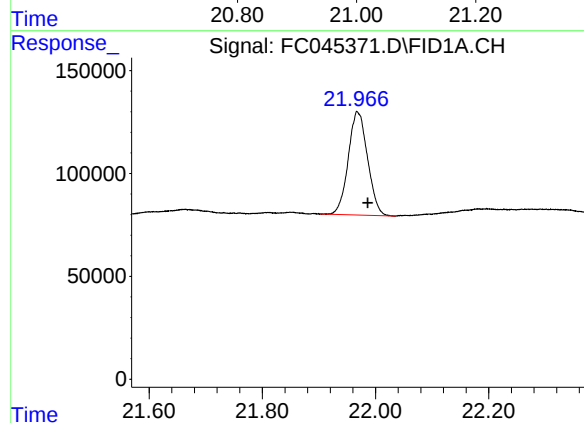
#20 n-Hexatriacontane (C36)

R.T.: 20.233 min
Delta R.T.: -0.009 min
Response: 1289639
Conc: 19.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: -0.010 min
Response: 1217638
Conc: 20.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.019 min
Response: 1187161
Conc: 20.07 ug/ml