

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110520AL\
 Data File : FC050612.D
 Signal(s) : FID1A.CH
 Acq On : 06 Nov 2020 1:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 06 04:44:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.619	2206154	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	13.053	1722201	17.837 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.366	2106511	19.797 ug/ml
2) T n-Decane (C10)	4.437	2113607	19.874 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2264102	19.660 ug/ml
4) T n-Dodecane (C12)	6.458	2149862	19.828 ug/ml
5) T A~2-methylnaphthalene...	7.090	2298951	20.038 ug/ml
6) T n-Tetradecane (C14)	8.255	2136615	19.809 ug/ml
7) T n-Hexadecane (C16)	9.856	2071917	19.463 ug/ml
8) T n-Octadecane (C18)	11.298	2132214	18.955 ug/ml
10) T n-Eicosane (C20)	12.607	2095896	18.363 ug/ml
11) T n-Heneicosane (C21)	13.219	2061530	18.071 ug/ml
13) T n-Docosane (C22)	13.805	2023636	17.732 ug/ml
14) T n-Tetracosane (C24)	14.907	1960832	17.170 ug/ml
15) T n-Hexacosane (C26)	15.928	1884418	16.620 ug/ml
16) T n-Octacosane (C28)	16.876	1857511	16.370 ug/ml
17) T n-Tricontane (C30)	17.763	1817605	16.348 ug/ml
18) T n-Dotriacontane (C32)	18.594	1704176	16.519 ug/ml
19) T n-Tetratriacontane (C34)	19.375	1623802	16.875 ug/ml
20) T n-Hexatriacontane (C36)	20.115	1561789	17.384 ug/ml
21) T n-Octatriacontane (C38)	20.858	1488094	17.897 ug/ml
22) T n-Tetracontane (C40)	21.786	1542635	18.435 ug/ml

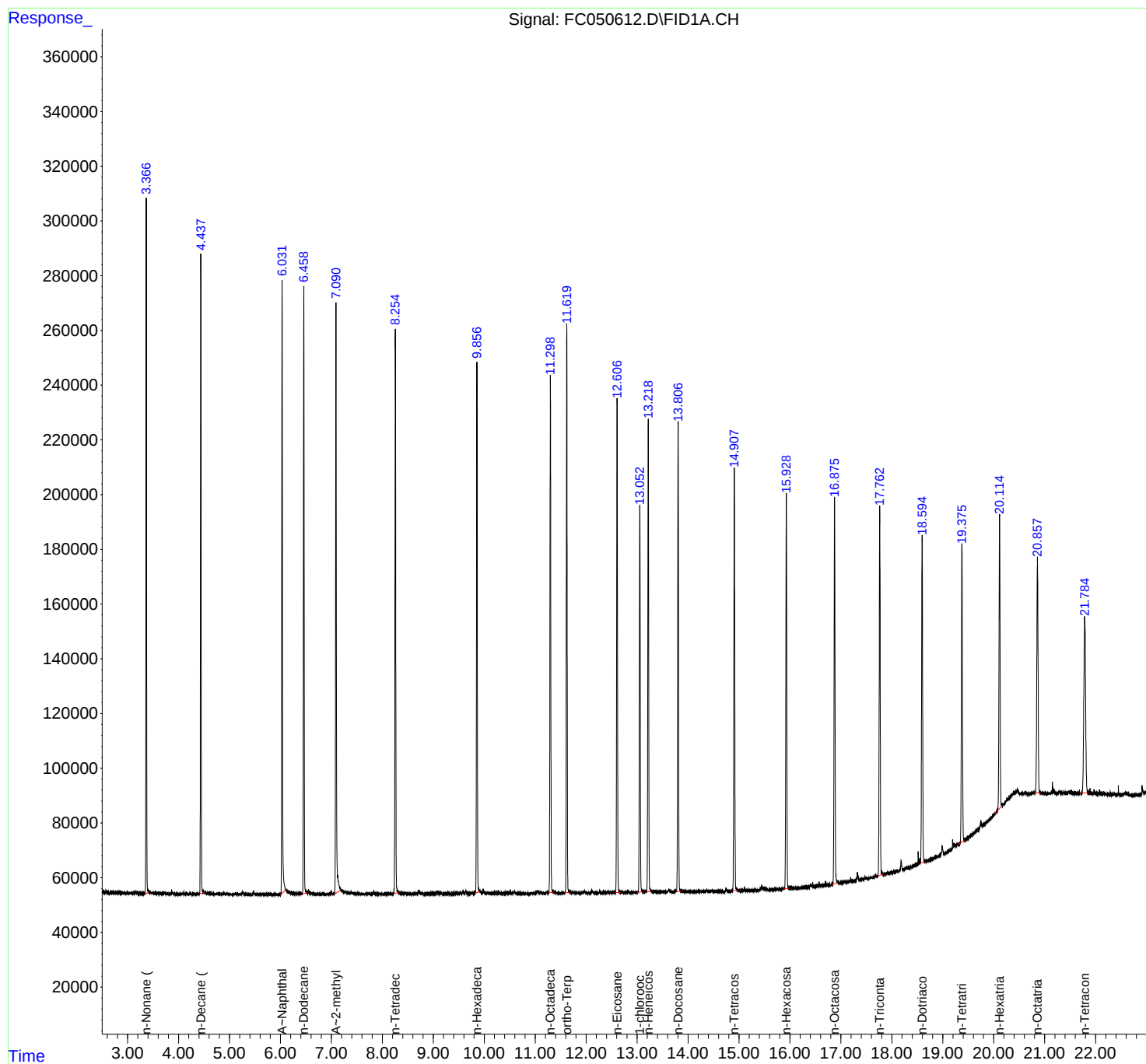
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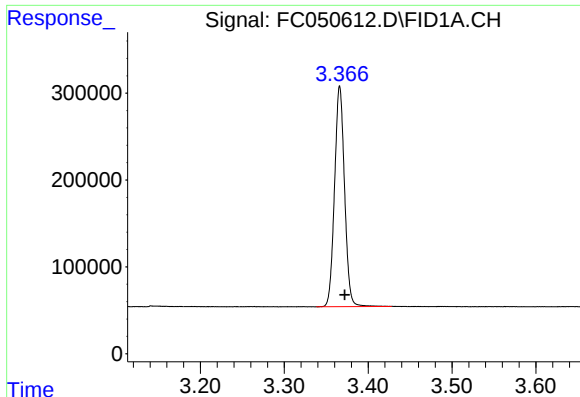
(m)=manual int.

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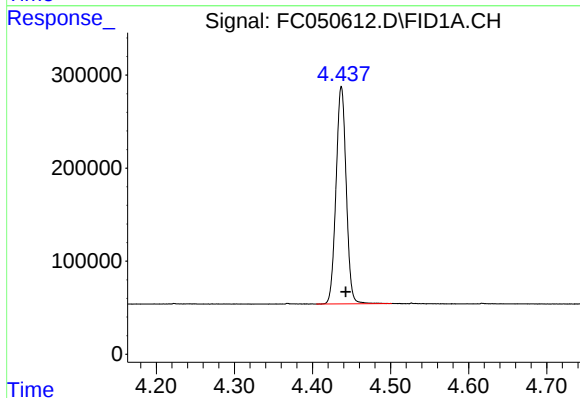
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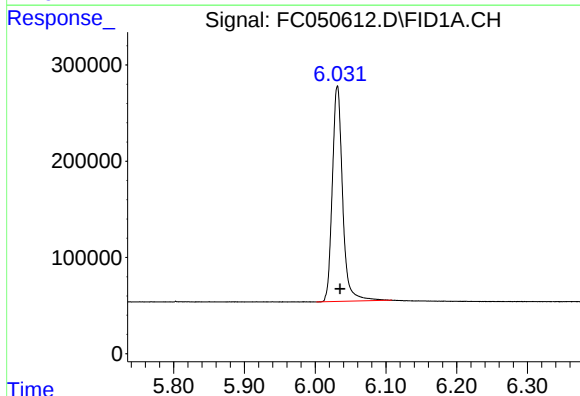
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.006 min
Response: 2106511
Conc: 19.80 ug/ml



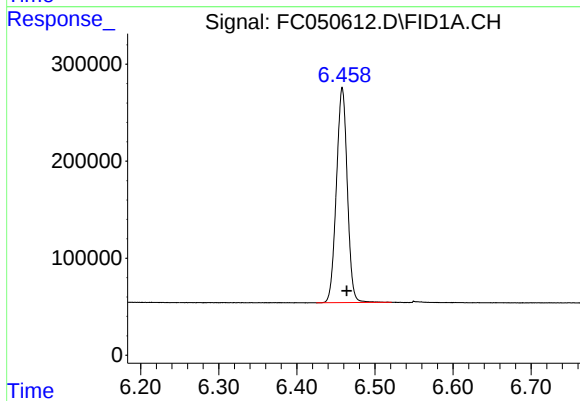
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.006 min
Response: 2113607
Conc: 19.87 ug/ml



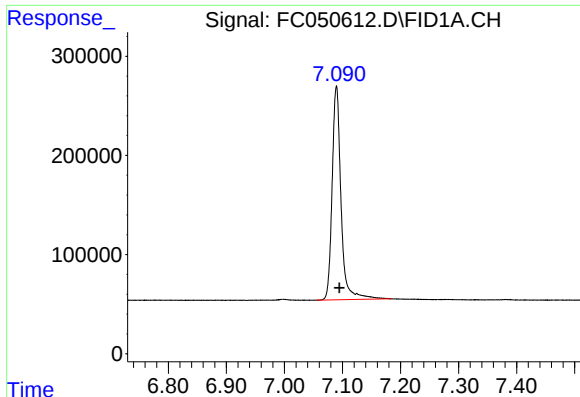
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2264102
Conc: 19.66 ug/ml



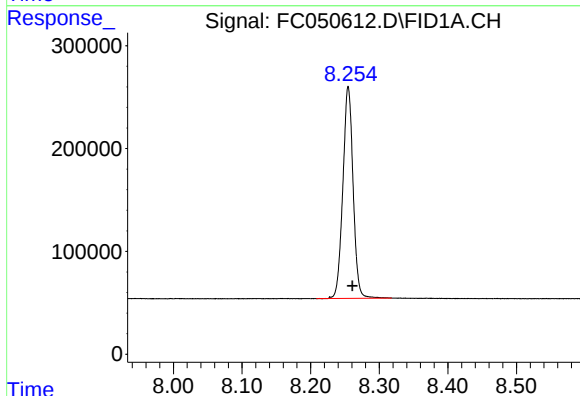
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 2149862
Conc: 19.83 ug/ml



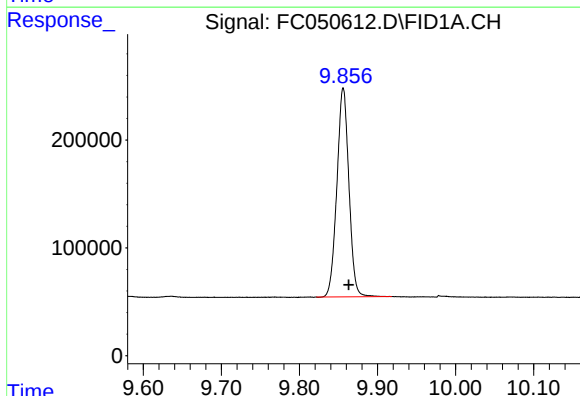
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 2298951
Conc: 20.04 ug/ml



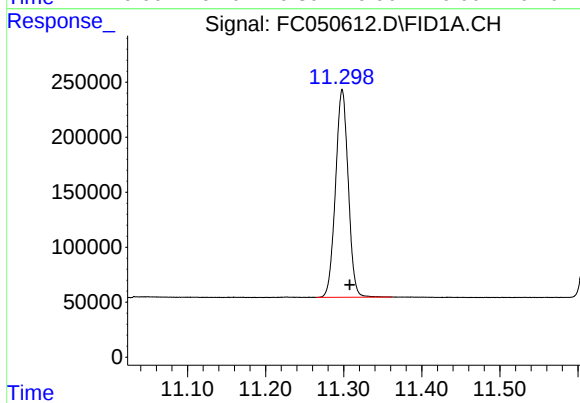
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 2136615
Conc: 19.81 ug/ml



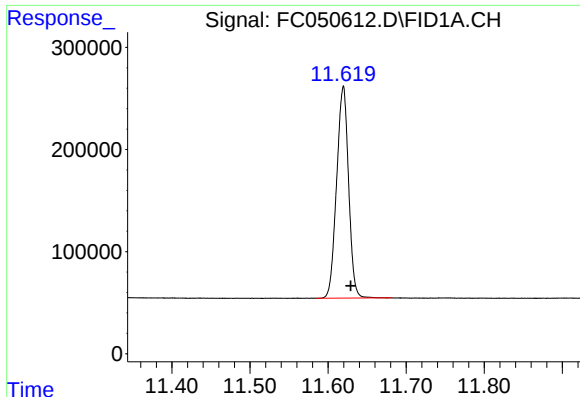
#7 n-Hexadecane (C16)

R.T.: 9.856 min
Delta R.T.: -0.007 min
Response: 2071917
Conc: 19.46 ug/ml



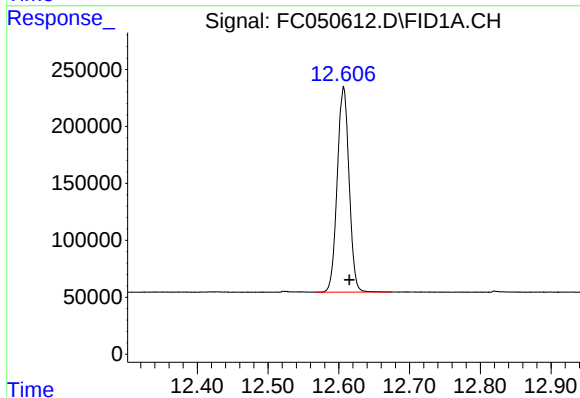
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.010 min
Response: 2132214
Conc: 18.95 ug/ml



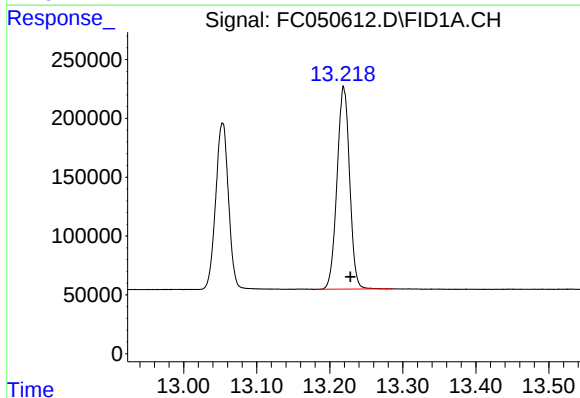
#9 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: -0.010 min
Response: 2206154
Conc: 17.96 ug/ml



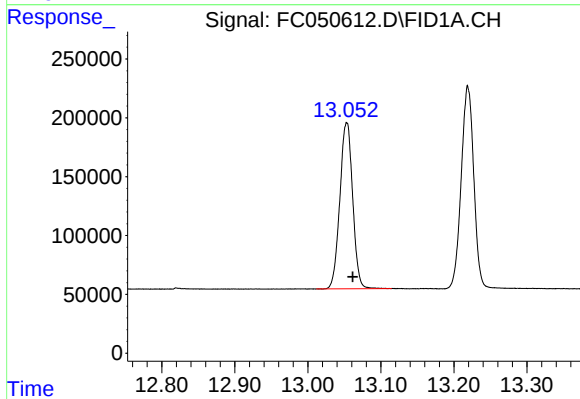
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.008 min
Response: 2095896
Conc: 18.36 ug/ml



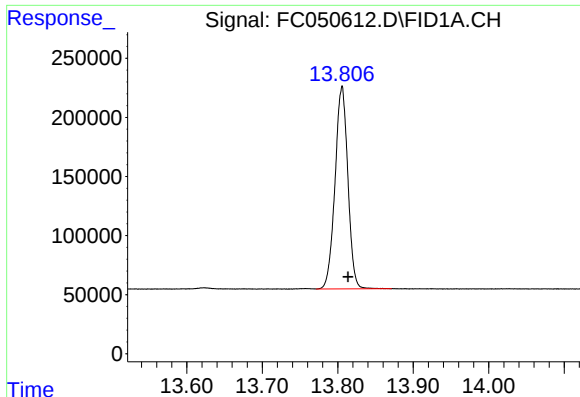
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.009 min
Response: 2061530
Conc: 18.07 ug/ml



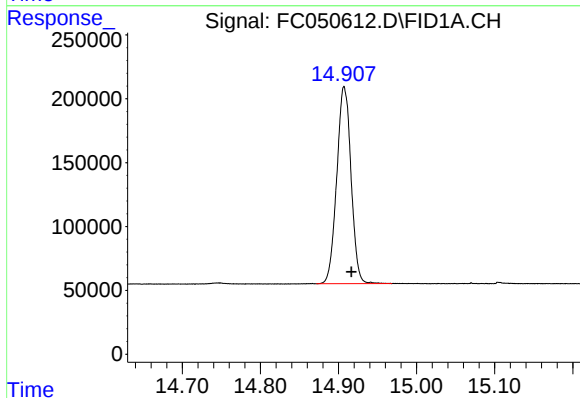
#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.008 min
Response: 1722201
Conc: 17.84 ug/ml



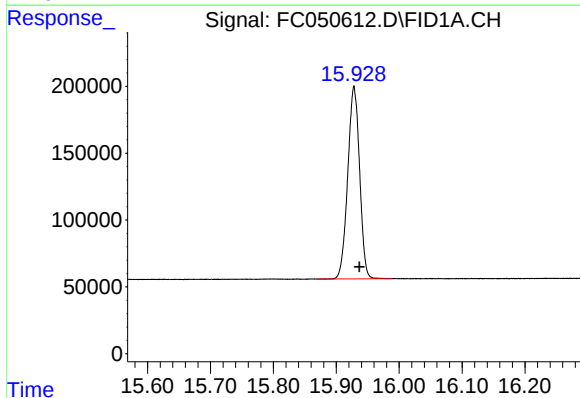
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.008 min
Response: 2023636
Conc: 17.73 ug/ml



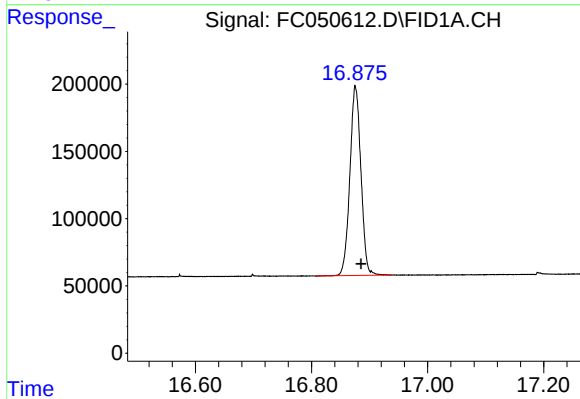
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.009 min
Response: 1960832
Conc: 17.17 ug/ml



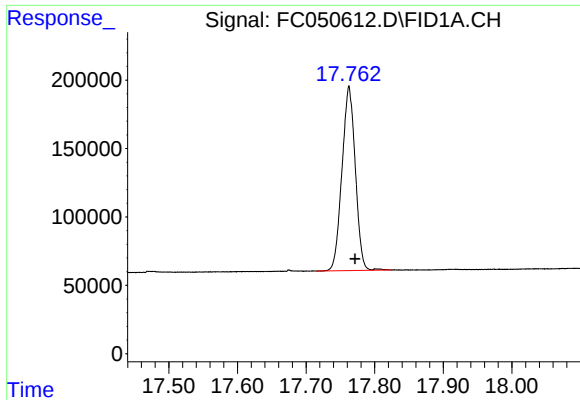
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.008 min
Response: 1884418
Conc: 16.62 ug/ml



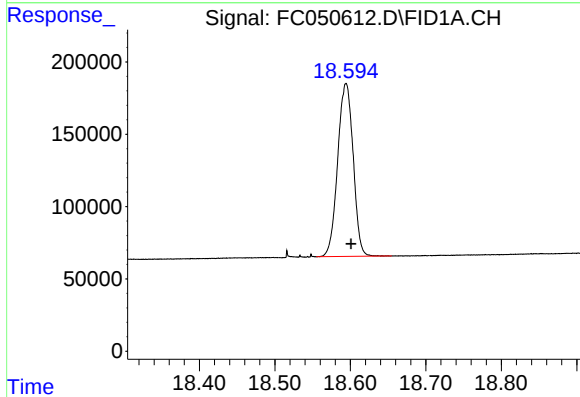
#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.010 min
Response: 1857511
Conc: 16.37 ug/ml



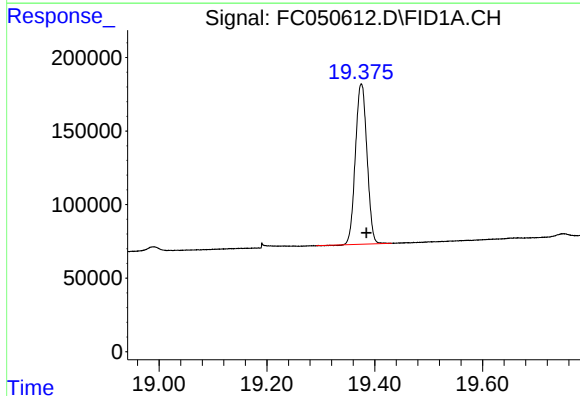
#17 n-Tricontane (C30)

R.T.: 17.763 min
Delta R.T.: -0.009 min
Response: 1817605
Conc: 16.35 ug/ml



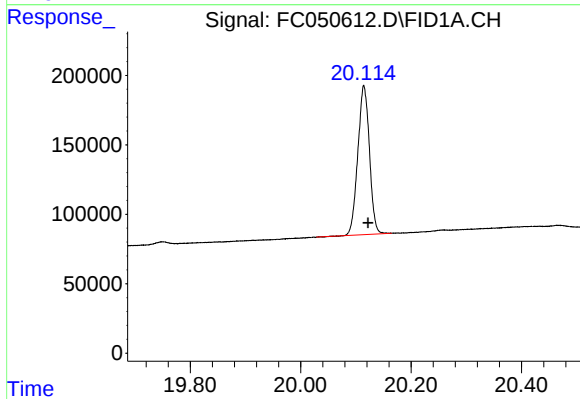
#18 n-Dotriacontane (C32)

R.T.: 18.594 min
Delta R.T.: -0.007 min
Response: 1704176
Conc: 16.52 ug/ml



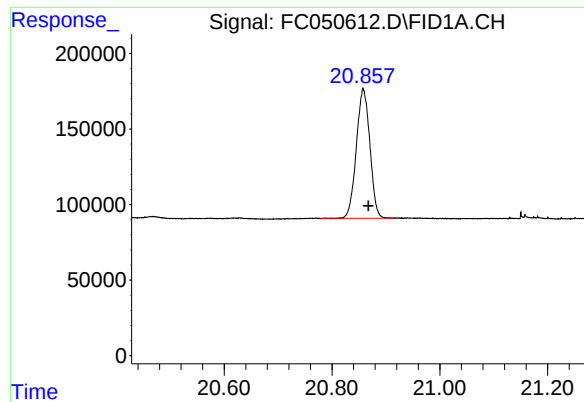
#19 n-Tetratriacontane (C34)

R.T.: 19.375 min
Delta R.T.: -0.009 min
Response: 1623802
Conc: 16.88 ug/ml



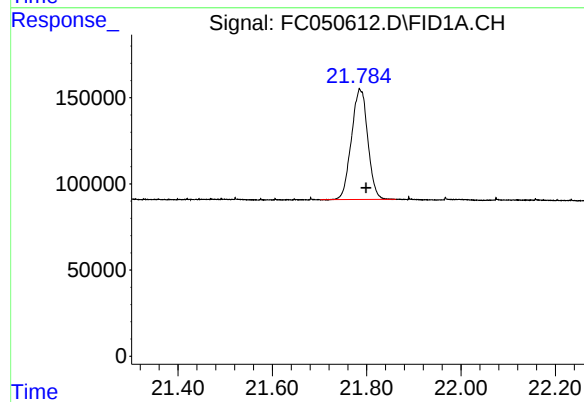
#20 n-Hexatriacontane (C36)

R.T.: 20.115 min
Delta R.T.: -0.007 min
Response: 1561789
Conc: 17.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.858 min
Delta R.T.: -0.010 min
Response: 1488094
Conc: 17.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.786 min
Delta R.T.: -0.012 min
Response: 1542635
Conc: 18.43 ug/ml