

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031120AL\
 Data File : FC046288.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2020 9:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 10:06:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.757	2191694	19.212 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.175	1696313	18.909 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
Target Compounds			
1) T n-Nonane (C9)	3.538	2162836	21.456 ug/ml
2) T n-Decane (C10)	4.607	2174164	21.556 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2264647	20.396 ug/ml
4) T n-Dodecane (C12)	6.616	2188409	21.451 ug/ml
5) T A~2-methylnaphthalene...	7.257	2272343	20.428 ug/ml
6) T n-Tetradecane (C14)	8.399	2160517	21.105 ug/ml
7) T n-Hexadecane (C16)	9.991	2130381	20.576 ug/ml
8) T n-Octadecane (C18)	11.426	2103958	20.014 ug/ml
10) T n-Eicosane (C20)	12.729	2056967	19.459 ug/ml
11) T n-Heneicosane (C21)	13.338	2046465	19.187 ug/ml
13) T n-Docosane (C22)	13.922	2013194	18.946 ug/ml
14) T n-Tetracosane (C24)	15.020	1988674	18.581 ug/ml
15) T n-Hexacosane (C26)	16.037	1949738	18.345 ug/ml
16) T n-Octacosane (C28)	16.980	1915249	18.293 ug/ml
17) T n-Tricontane (C30)	17.863	1866014	18.517 ug/ml
18) T n-Dotriacontane (C32)	18.693	1620091	18.930 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1413178	19.471 ug/ml
20) T n-Hexatriacontane (C36)	20.209	1344064	19.874 ug/ml
21) T n-Octatriacontane (C38)	20.971	1298704	21.487 ug/ml
22) T n-Tetracontane (C40)	21.933	1366924	21.742 ug/ml

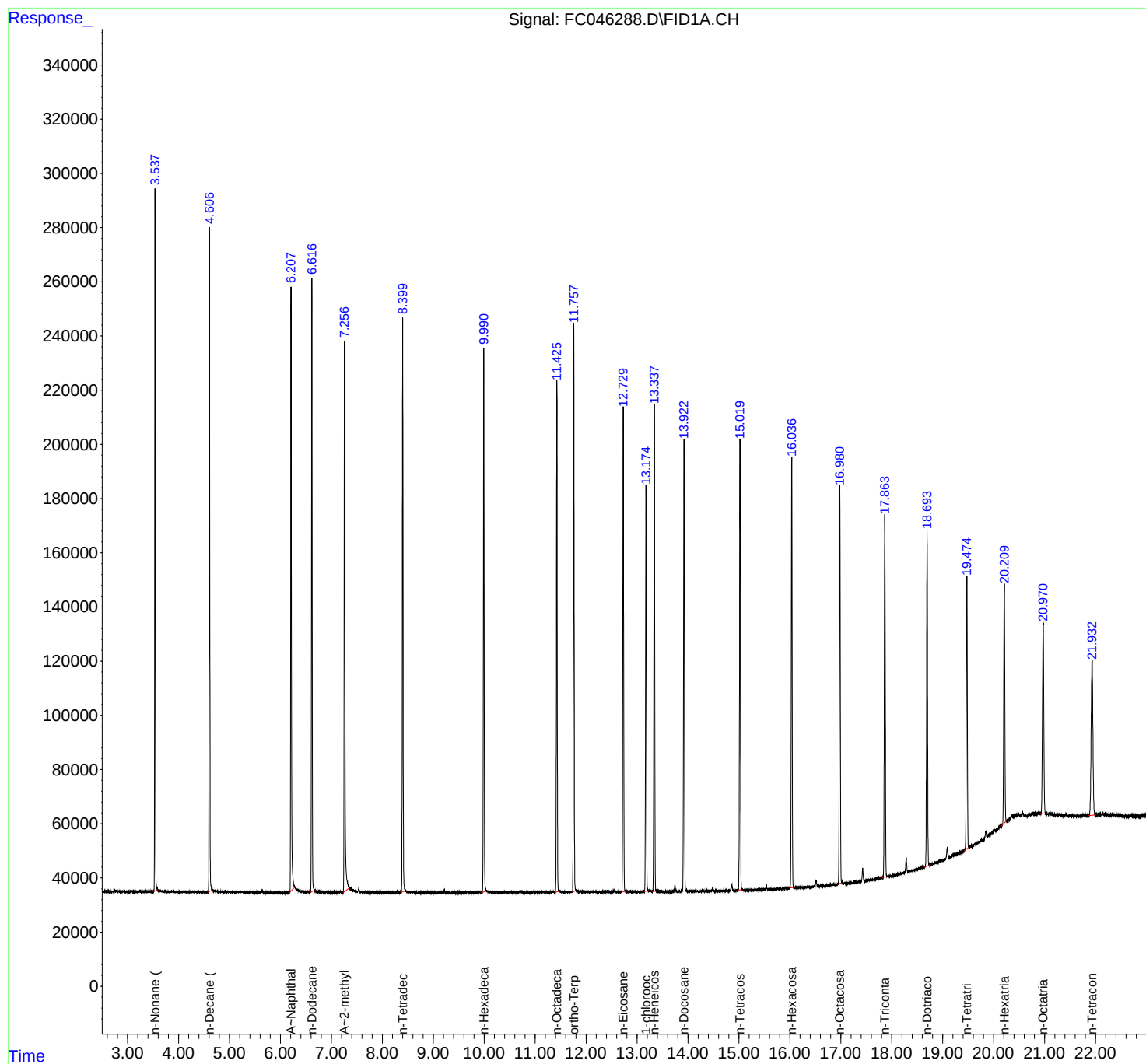
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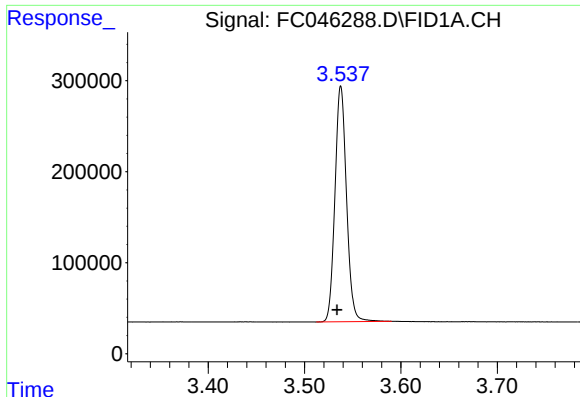
(m)=manual int.

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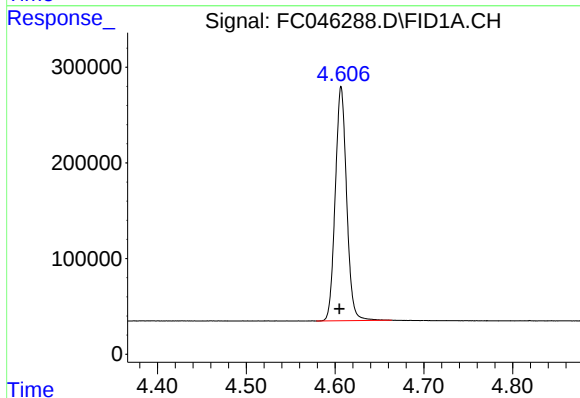
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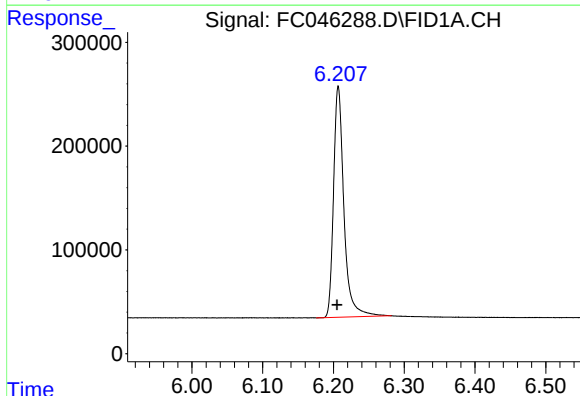
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2162836
Conc: 21.46 ug/ml



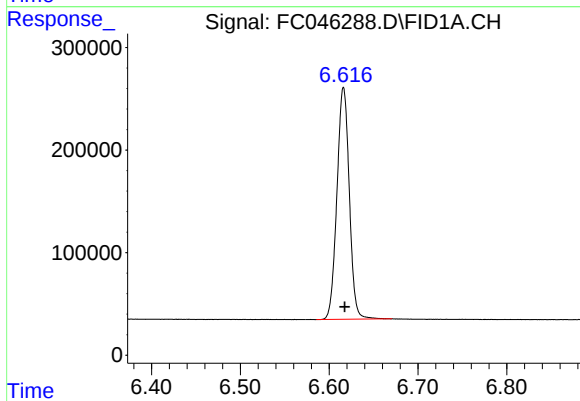
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2174164
Conc: 21.56 ug/ml



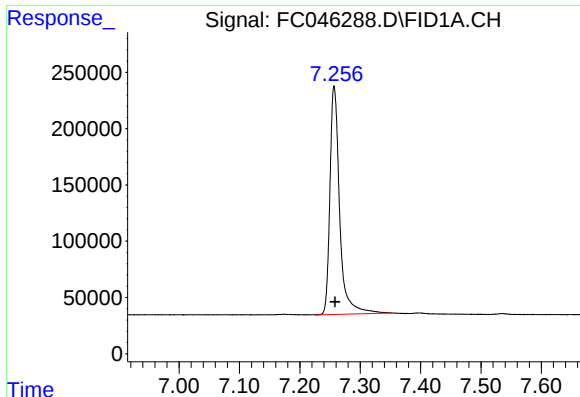
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2264647
Conc: 20.40 ug/ml



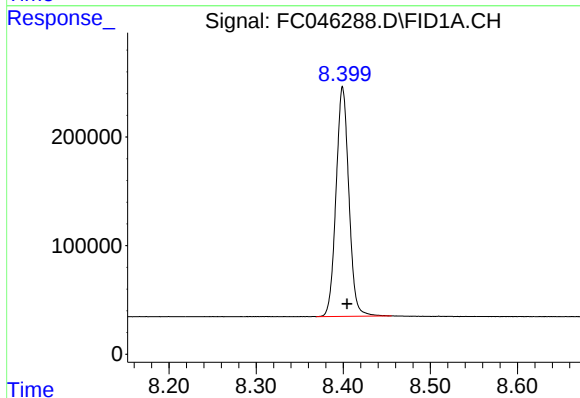
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2188409
Conc: 21.45 ug/ml



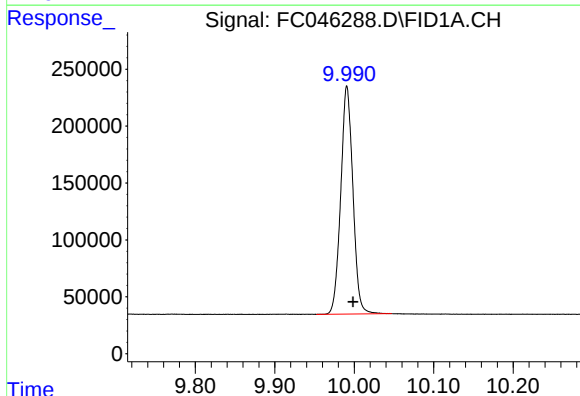
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 2272343
Conc: 20.43 ug/ml



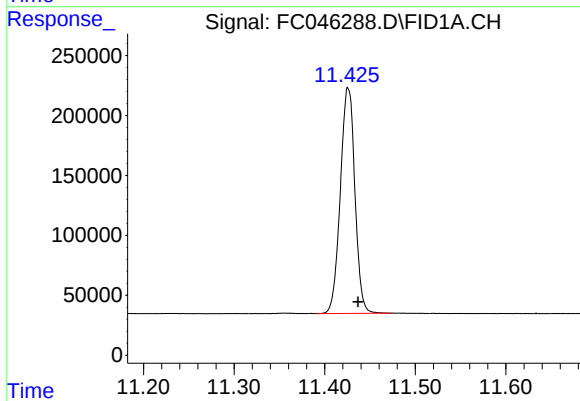
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2160517
Conc: 21.11 ug/ml



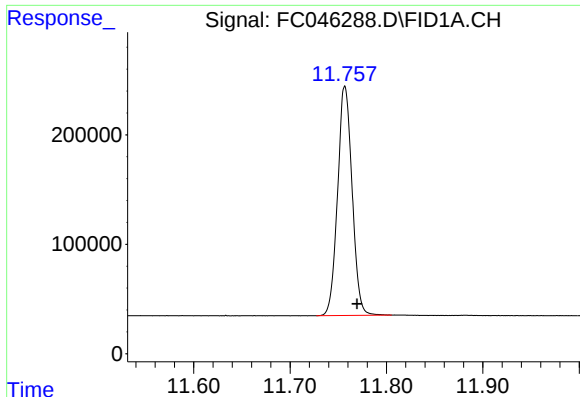
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.008 min
Response: 2130381
Conc: 20.58 ug/ml



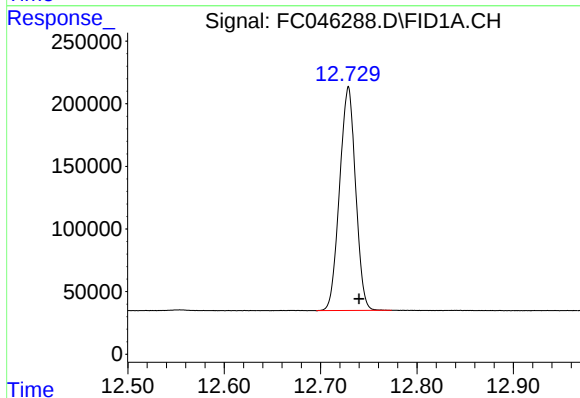
#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 2103958
Conc: 20.01 ug/ml



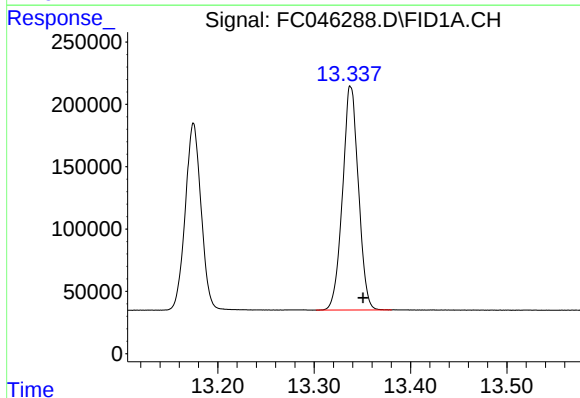
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: -0.013 min
Response: 2191694
Conc: 19.21 ug/ml



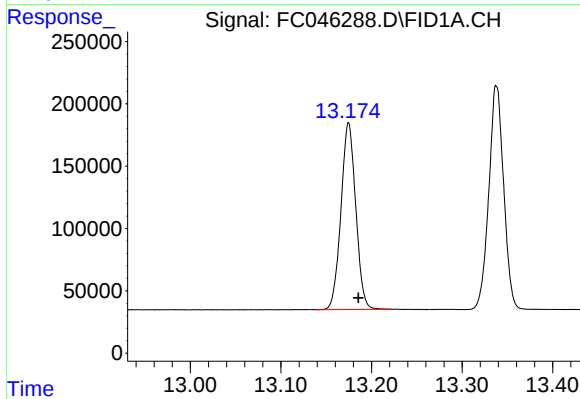
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.011 min
Response: 2056967
Conc: 19.46 ug/ml



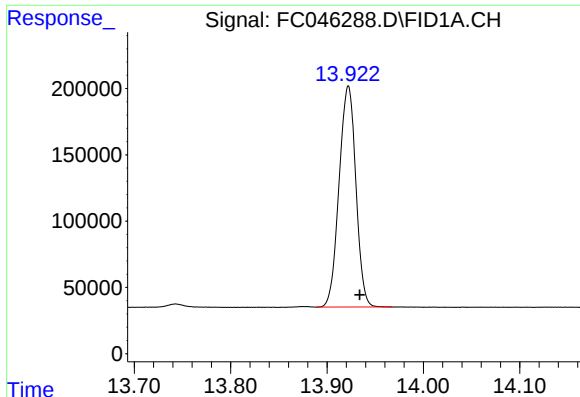
#11 n-Heneicosane (C21)

R.T.: 13.338 min
Delta R.T.: -0.013 min
Response: 2046465
Conc: 19.19 ug/ml



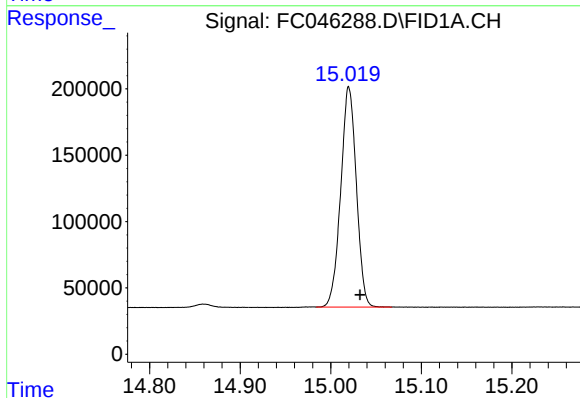
#12 1-chlorooctadecane (SURR)

R.T.: 13.175 min
Delta R.T.: -0.011 min
Response: 1696313
Conc: 18.91 ug/ml



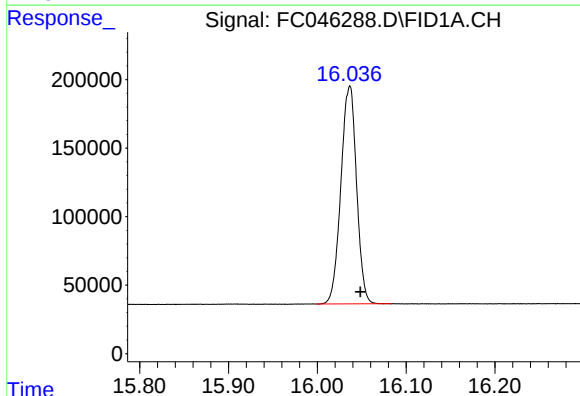
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: -0.012 min
Response: 2013194
Conc: 18.95 ug/ml



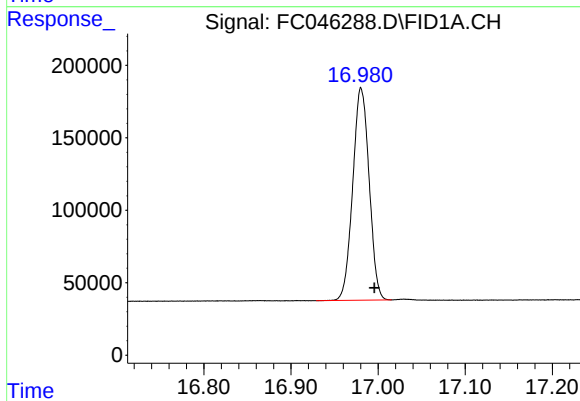
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: -0.012 min
Response: 1988674
Conc: 18.58 ug/ml



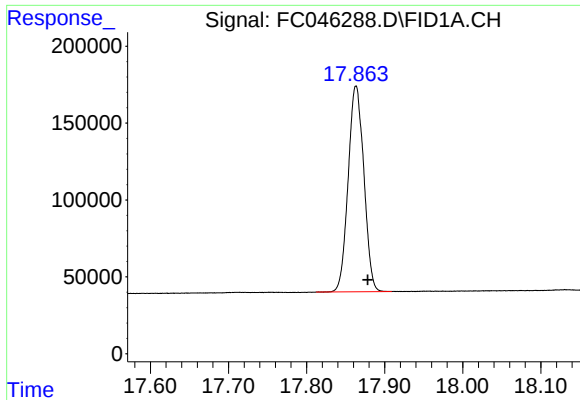
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: -0.012 min
Response: 1949738
Conc: 18.34 ug/ml



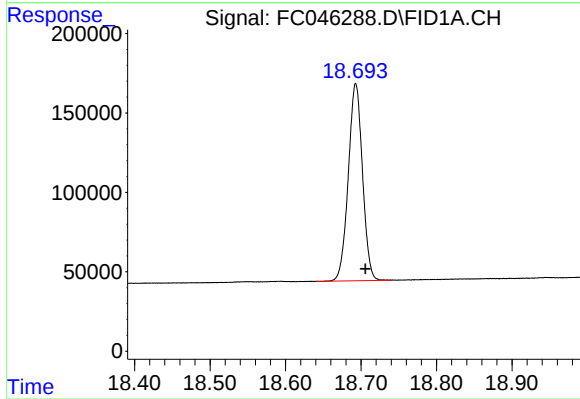
#16 n-Octacosane (C28)

R.T.: 16.980 min
Delta R.T.: -0.015 min
Response: 1915249
Conc: 18.29 ug/ml



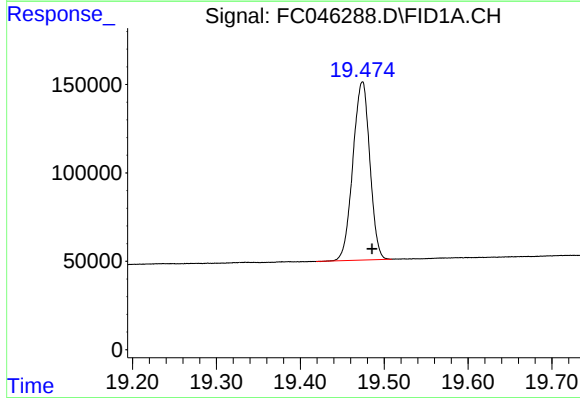
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: -0.015 min
Response: 1866014
Conc: 18.52 ug/ml



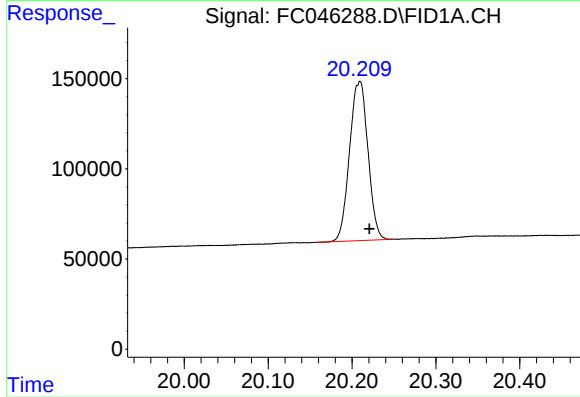
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.013 min
Response: 1620091
Conc: 18.93 ug/ml



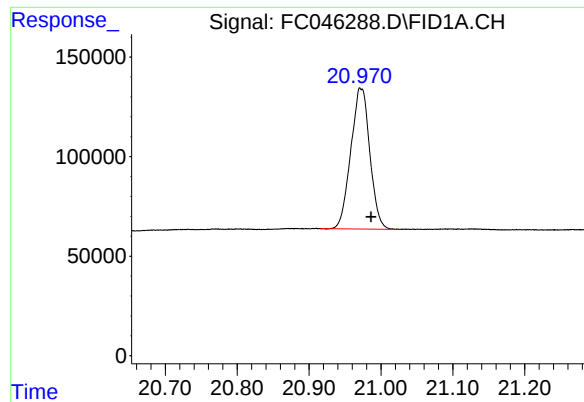
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min
Delta R.T.: -0.011 min
Response: 1413178
Conc: 19.47 ug/ml



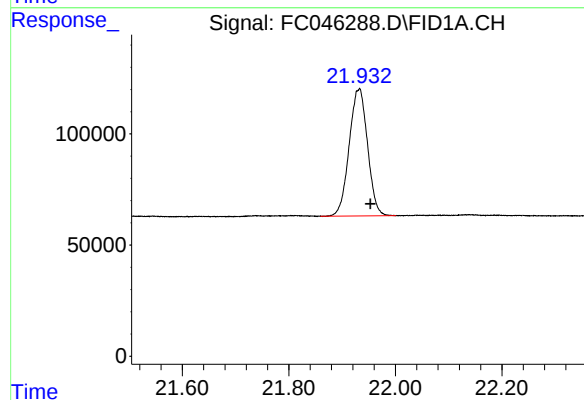
#20 n-Hexatriacontane (C36)

R.T.: 20.209 min
Delta R.T.: -0.011 min
Response: 1344064
Conc: 19.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.015 min
Response: 1298704
Conc: 21.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.020 min
Response: 1366924
Conc: 21.74 ug/ml