

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122220AL\
 Data File : FC051403.D
 Signal(s) : FID1A.CH
 Acq On : 22 Dec 2020 12:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 13:42:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.566	2362323	20.382 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	13.000	1846236	20.466 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T n-Nonane (C9)	3.327	2022595	20.501 ug/ml
2) T n-Decane (C10)	4.394	2035416	20.584 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2166000	20.711 ug/ml
4) T n-Dodecane (C12)	6.411	2106415	20.605 ug/ml
5) T A~2-methylnaphthalene...	7.042	2165317	20.614 ug/ml
6) T n-Tetradecane (C14)	8.206	2095889	20.661 ug/ml
7) T n-Hexadecane (C16)	9.806	2057842	20.432 ug/ml
8) T n-Octadecane (C18)	11.247	2182370	20.462 ug/ml
10) T n-Eicosane (C20)	12.555	2197851	20.409 ug/ml
11) T n-Heneicosane (C21)	13.167	2188962	20.407 ug/ml
13) T n-Docosane (C22)	13.753	2162544	20.250 ug/ml
14) T n-Tetracosane (C24)	14.854	2141942	20.237 ug/ml
15) T n-Hexacosane (C26)	15.874	2089315	20.172 ug/ml
16) T n-Octacosane (C28)	16.820	2046368	20.099 ug/ml
17) T n-Tricontane (C30)	17.706	1975414	20.059 ug/ml
18) T n-Dotriacontane (C32)	18.538	1821079	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.319	1716387	20.194 ug/ml
20) T n-Hexatriacontane (C36)	20.057	1652608	19.490 ug/ml
21) T n-Octatriacontane (C38)	20.789	1533737	20.033 ug/ml
22) T n-Tetracontane (C40)	21.700	1644415	20.794 ug/ml

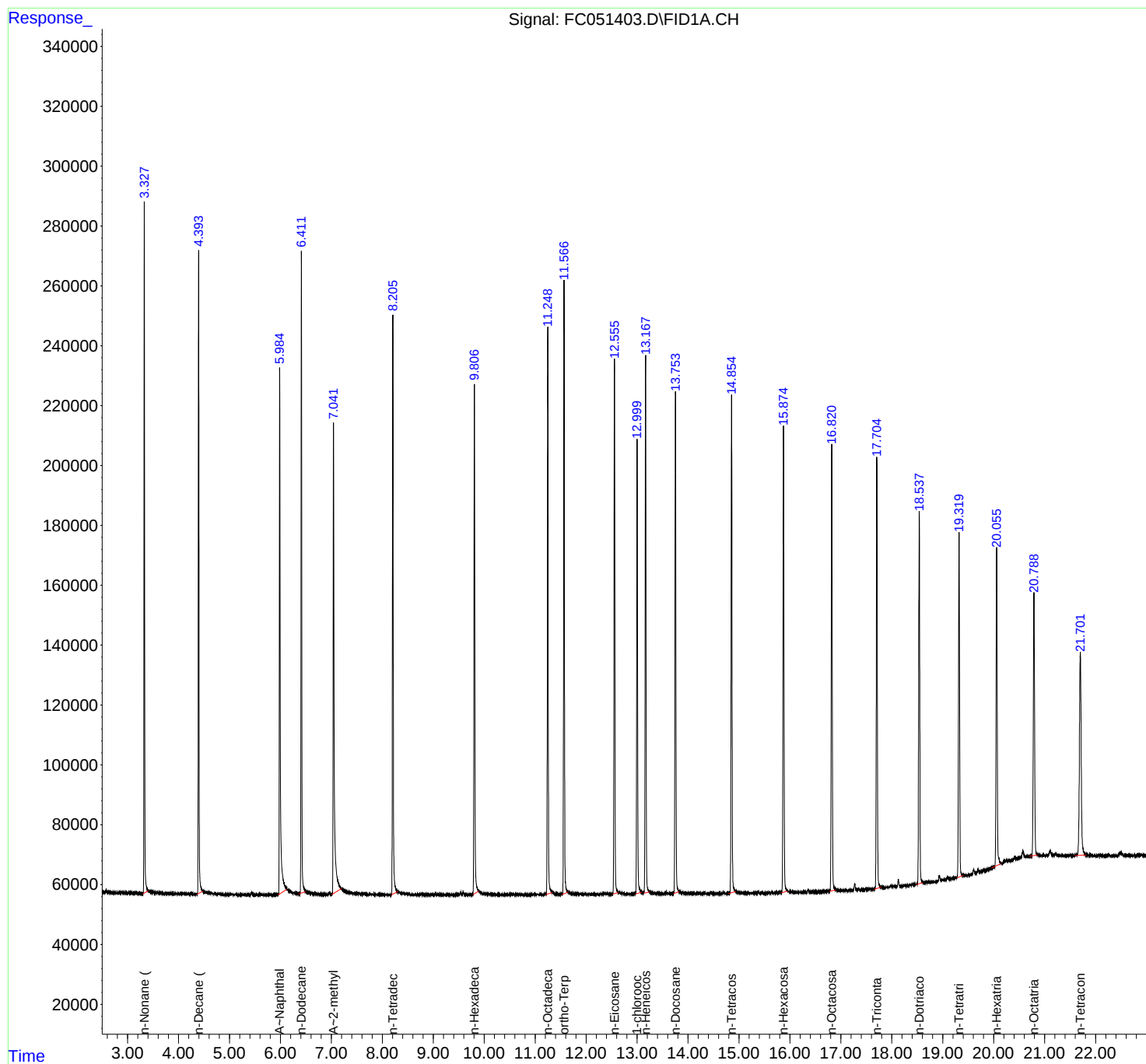
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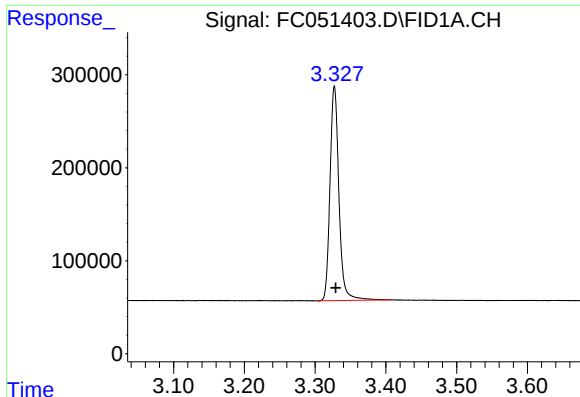
(m)=manual int.

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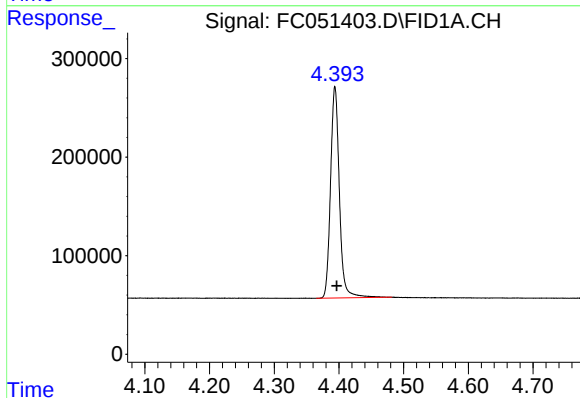
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





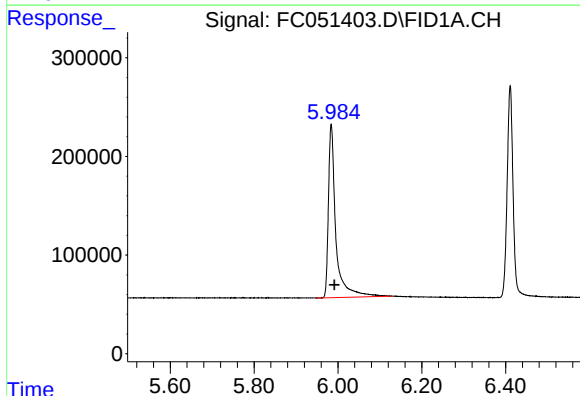
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2022595
Conc: 20.50 ug/ml



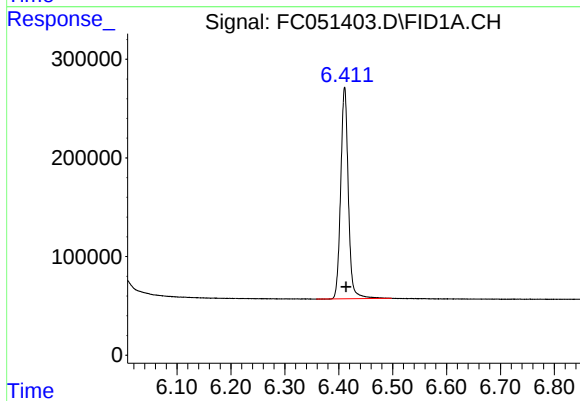
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 2035416
Conc: 20.58 ug/ml



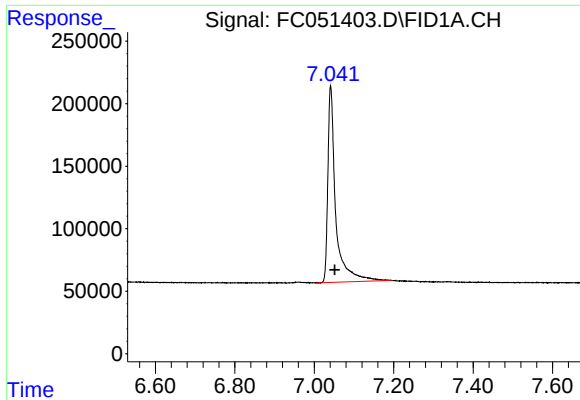
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.007 min
Response: 2166000
Conc: 20.71 ug/ml



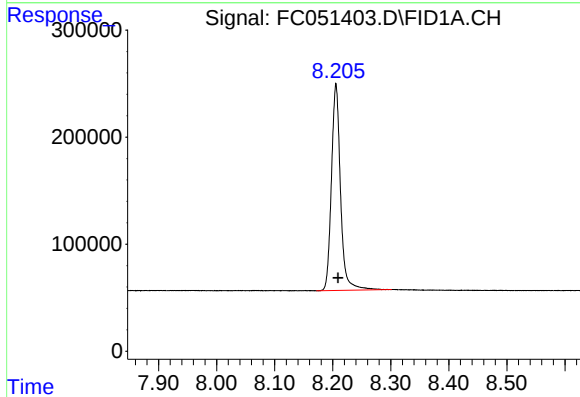
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 2106415
Conc: 20.60 ug/ml



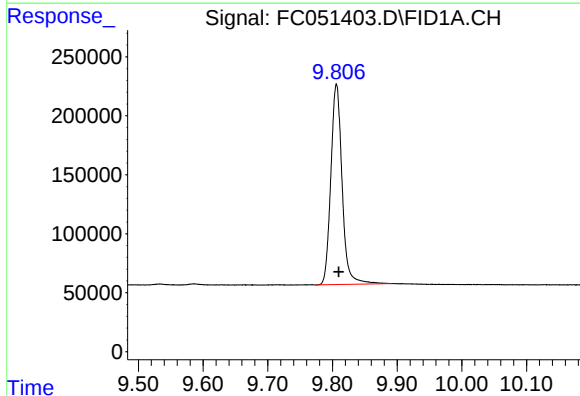
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: -0.010 min
Response: 2165317
Conc: 20.61 ug/ml



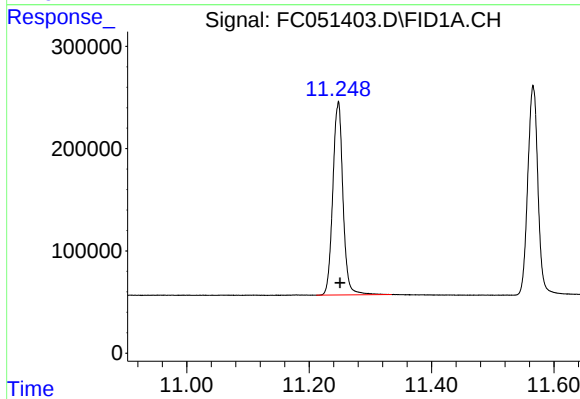
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 2095889
Conc: 20.66 ug/ml



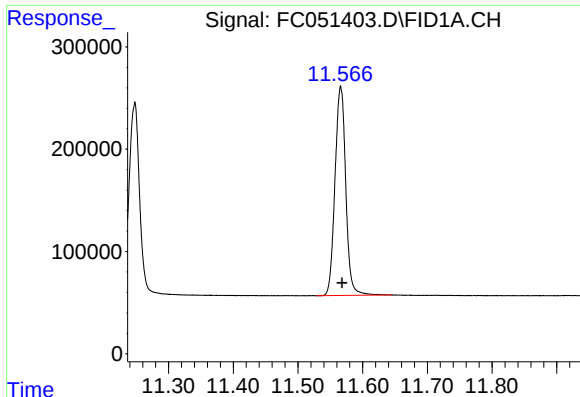
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.004 min
Response: 2057842
Conc: 20.43 ug/ml



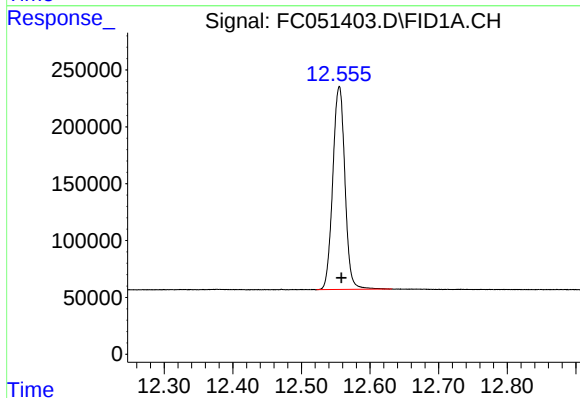
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.003 min
Response: 2182370
Conc: 20.46 ug/ml



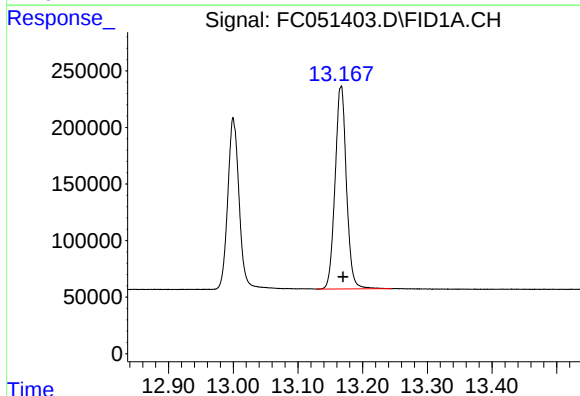
#9 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 2362323
Conc: 20.38 ug/ml



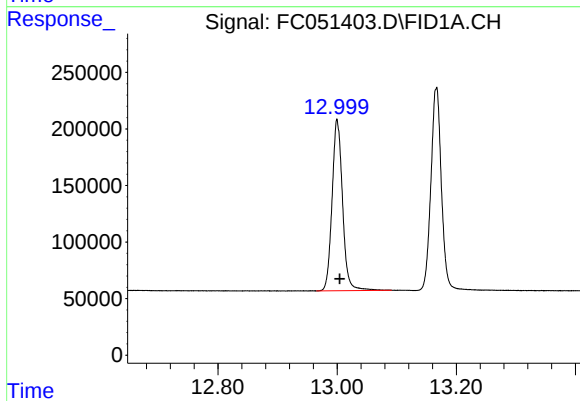
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.003 min
Response: 2197851
Conc: 20.41 ug/ml



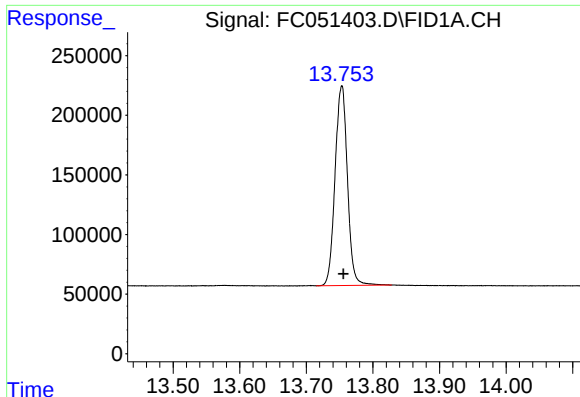
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.003 min
Response: 2188962
Conc: 20.41 ug/ml



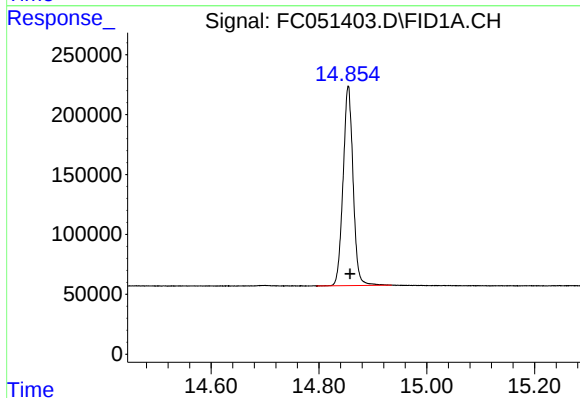
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.004 min
Response: 1846236
Conc: 20.47 ug/ml



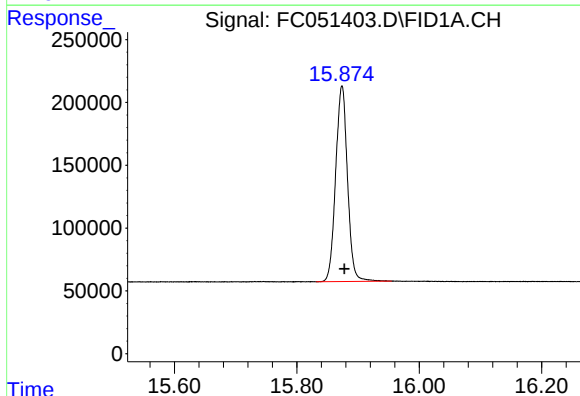
#13 n-Docosane (C22)

R.T.: 13.753 min
Delta R.T.: -0.003 min
Response: 2162544
Conc: 20.25 ug/ml



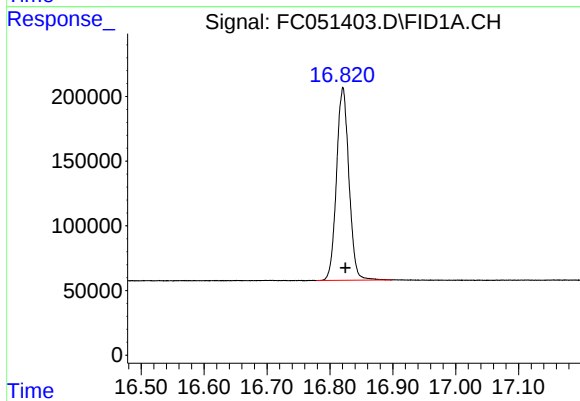
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.003 min
Response: 2141942
Conc: 20.24 ug/ml



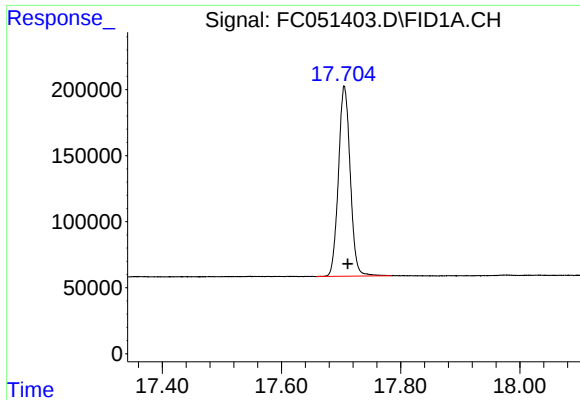
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.004 min
Response: 2089315
Conc: 20.17 ug/ml



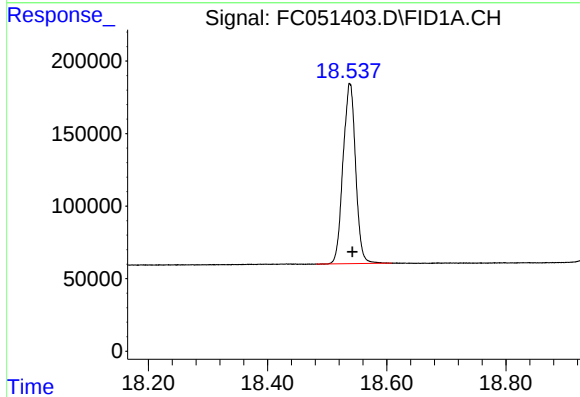
#16 n-Octacosane (C28)

R.T.: 16.820 min
Delta R.T.: -0.004 min
Response: 2046368
Conc: 20.10 ug/ml



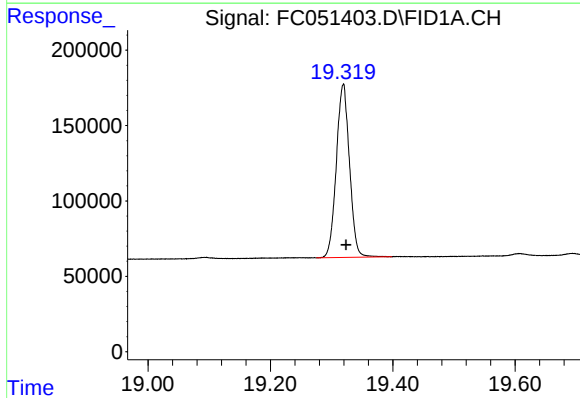
#17 n-Tricontane (C30)

R.T.: 17.706 min
Delta R.T.: -0.006 min
Response: 1975414
Conc: 20.06 ug/ml



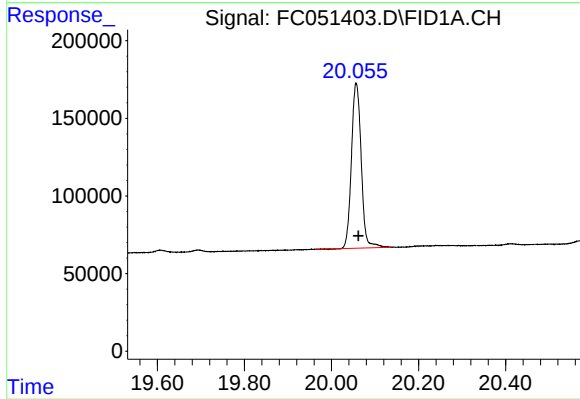
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 1821079
Conc: 20.10 ug/ml



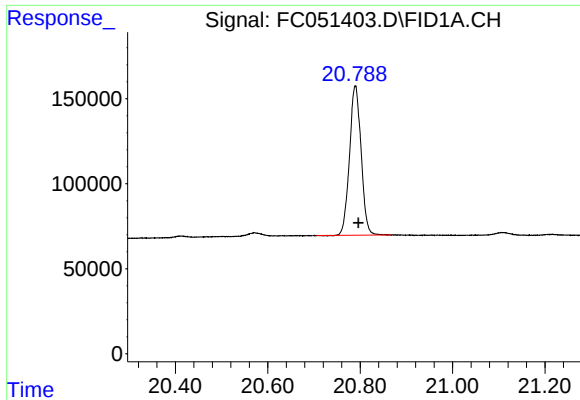
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: -0.005 min
Response: 1716387
Conc: 20.19 ug/ml



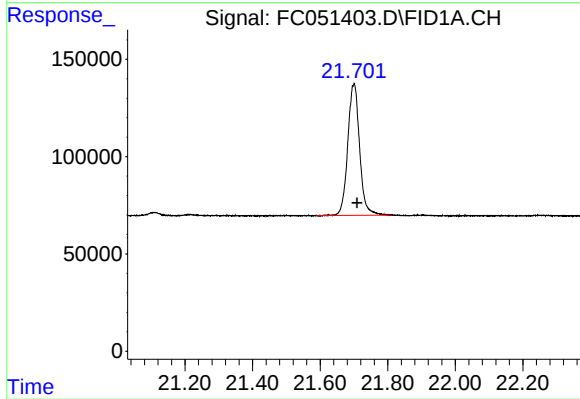
#20 n-Hexatriacontane (C36)

R.T.: 20.057 min
Delta R.T.: -0.005 min
Response: 1652608
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.007 min
Response: 1533737
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.010 min
Response: 1644415
Conc: 20.79 ug/ml