

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082521AL\
 Data File : FC055374.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2021 11:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 26 01:09:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 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)	11.299	2204208	17.508 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	12.739	1729697	17.453 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
Target Compounds			
1) T n-Nonane (C9)	3.140	2092445	20.011 ug/ml
2) T n-Decane (C10)	4.188	2151601	20.432 ug/ml
3) T A-Naphthalene (C11.7)	5.754	2173181	20.000 ug/ml
4) T n-Dodecane (C12)	6.188	2209172	20.344 ug/ml
5) T A~2-methylnaphthalene...	6.804	2142828	19.634 ug/ml
6) T n-Tetradecane (C14)	7.970	2226117	19.941 ug/ml
7) T n-Hexadecane (C16)	9.562	2204730	19.331 ug/ml
8) T n-Octadecane (C18)	10.997	2200957	18.664 ug/ml
10) T n-Eicosane (C20)	12.299	2109270	17.966 ug/ml
11) T n-Heneicosane (C21)	12.907	2092681	17.723 ug/ml
13) T n-Docosane (C22)	13.490	2032665	17.403 ug/ml
14) T n-Tetracosane (C24)	14.589	1964256	16.970 ug/ml
15) T n-Hexacosane (C26)	15.605	1892177	16.884 ug/ml
16) T n-Octacosane (C28)	16.553	1865583	17.183 ug/ml
17) T n-Tricontane (C30)	17.436	1855438	17.771 ug/ml
18) T n-Dotriacontane (C32)	18.266	1841661	18.596 ug/ml
19) T n-Tetratriacontane (C34)	19.048	1868187	19.711 ug/ml
20) T n-Hexatriacontane (C36)	19.784	1836333	20.321 ug/ml
21) T n-Octatriacontane (C38)	20.486	1827870	21.155 ug/ml
22) T n-Tetracontane (C40)	21.286	1939888	21.783 ug/ml

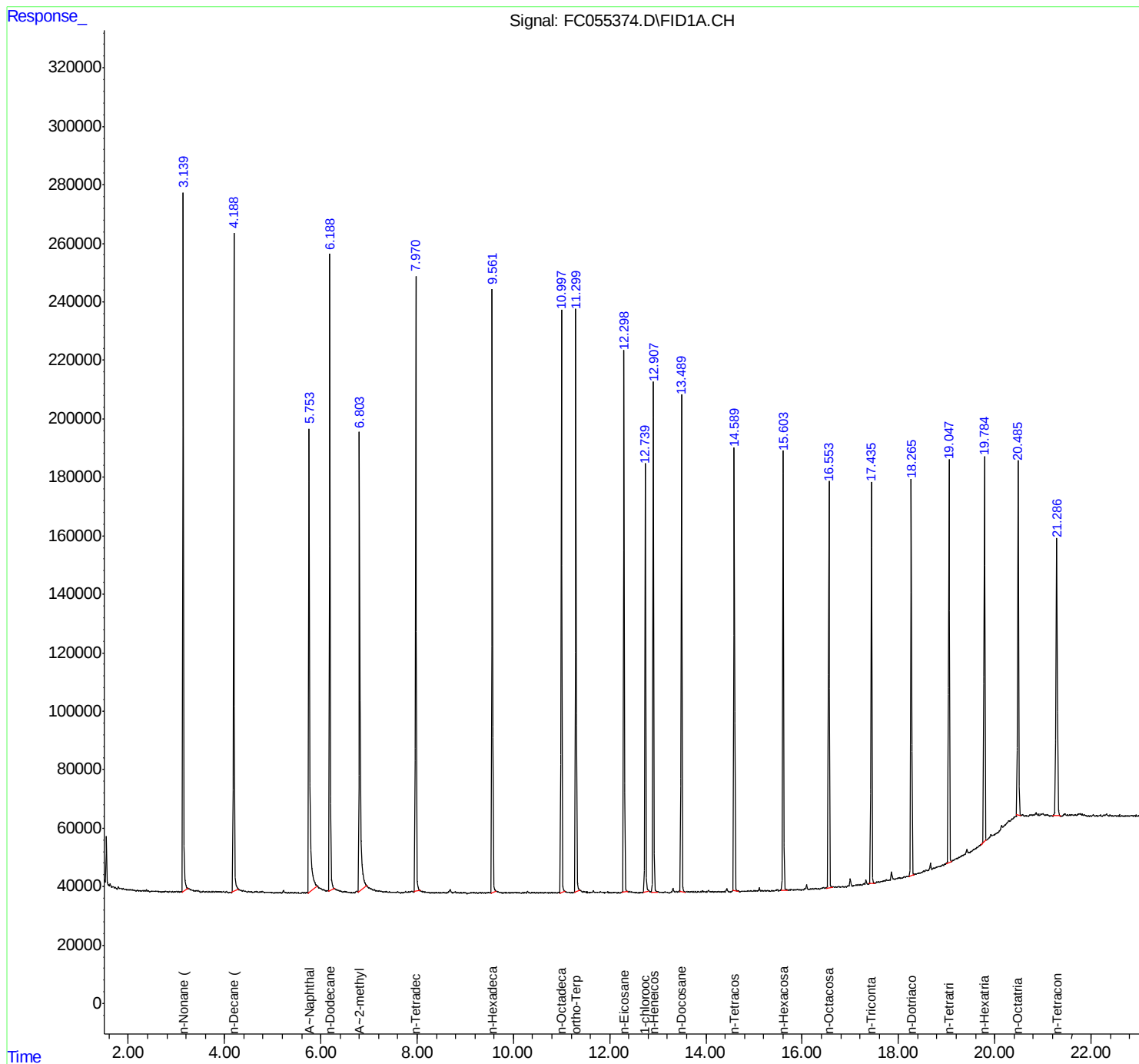
(f)=RT Delta > 1/2 Window

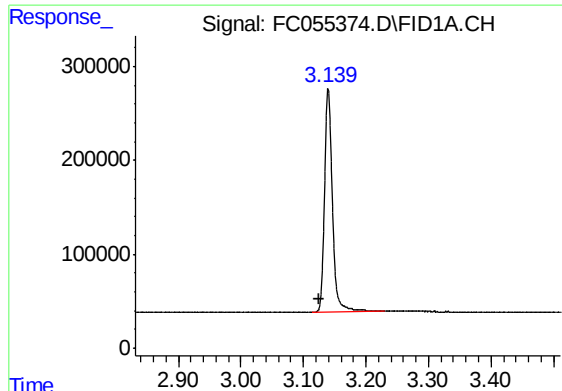
(m)=manual int.

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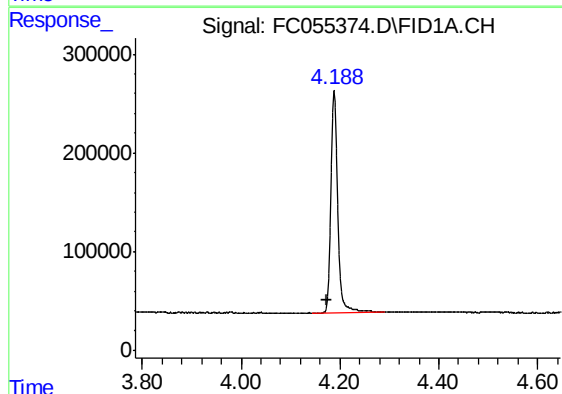
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





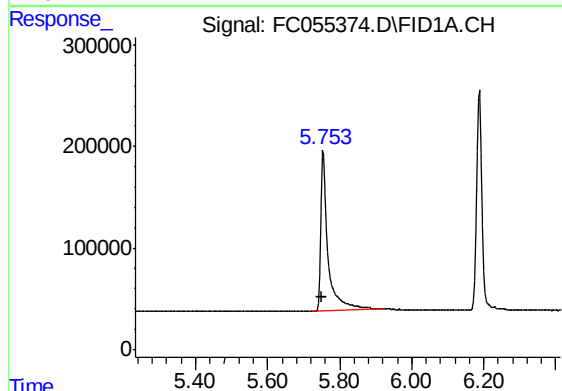
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 2092445
Conc: 20.01 ug/ml



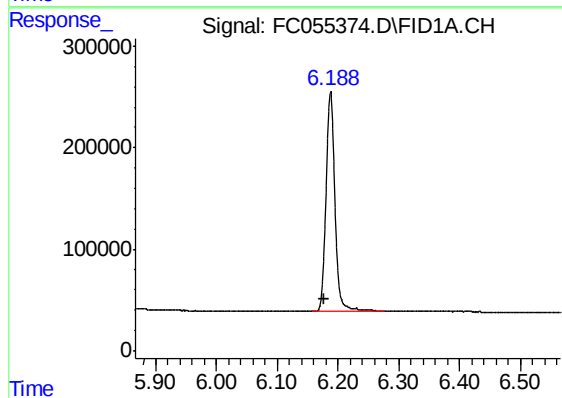
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.014 min
Response: 2151601
Conc: 20.43 ug/ml



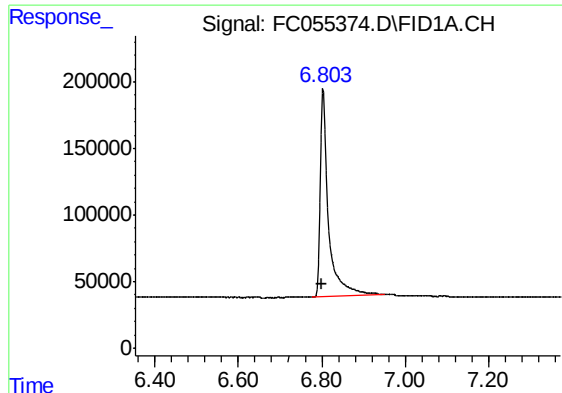
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.006 min
Response: 2173181
Conc: 20.00 ug/ml



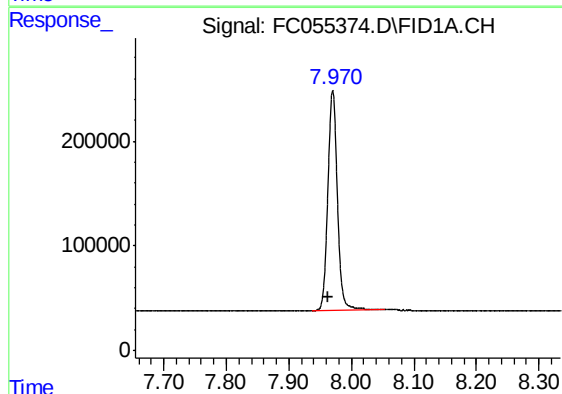
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.011 min
Response: 2209172
Conc: 20.34 ug/ml



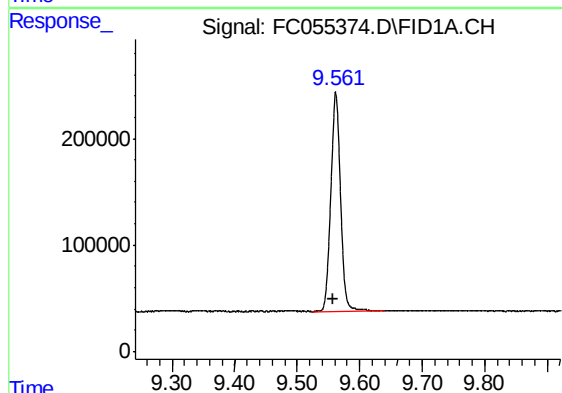
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 2142828
Conc: 19.63 ug/ml



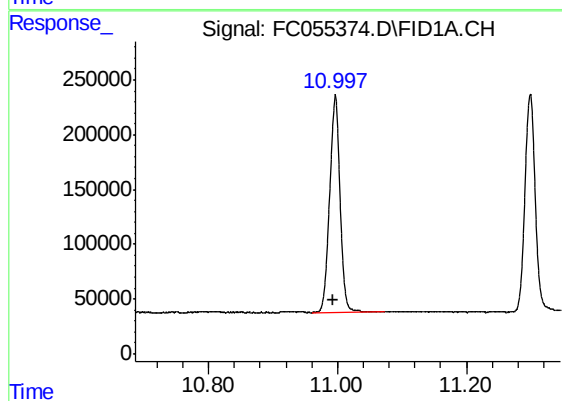
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.007 min
Response: 2226117
Conc: 19.94 ug/ml



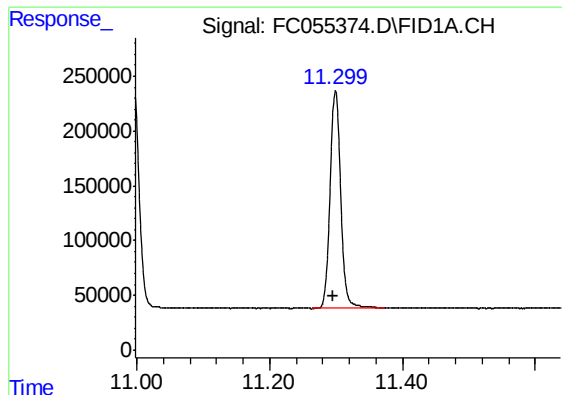
#7 n-Hexadecane (C16)

R.T.: 9.562 min
Delta R.T.: 0.004 min
Response: 2204730
Conc: 19.33 ug/ml



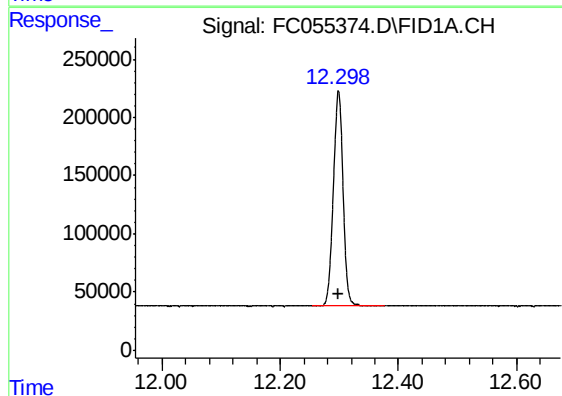
#8 n-Octadecane (C18)

R.T.: 10.997 min
Delta R.T.: 0.003 min
Response: 2200957
Conc: 18.66 ug/ml



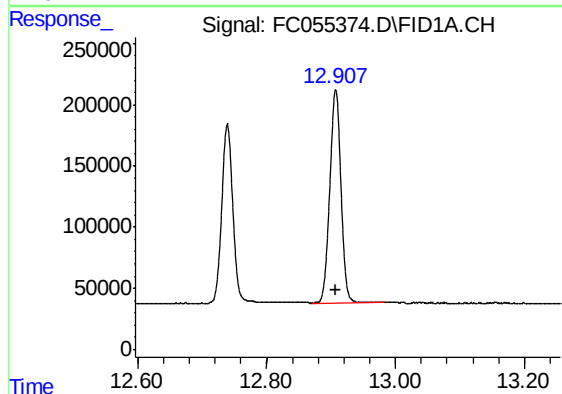
#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: 0.003 min
Response: 2204208
Conc: 17.51 ug/ml



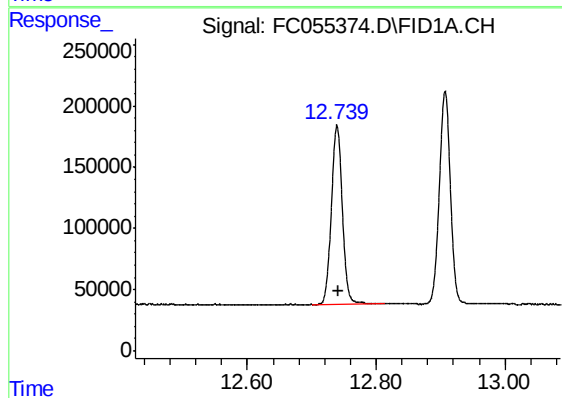
#10 n-Eicosane (C20)

R.T.: 12.299 min
Delta R.T.: 0.000 min
Response: 2109270
Conc: 17.97 ug/ml



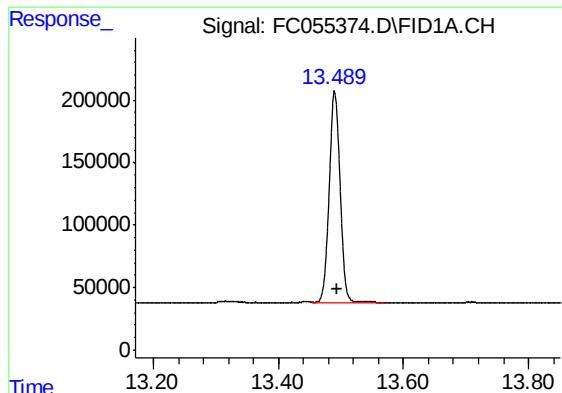
#11 n-Heneicosane (C21)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 2092681
Conc: 17.72 ug/ml



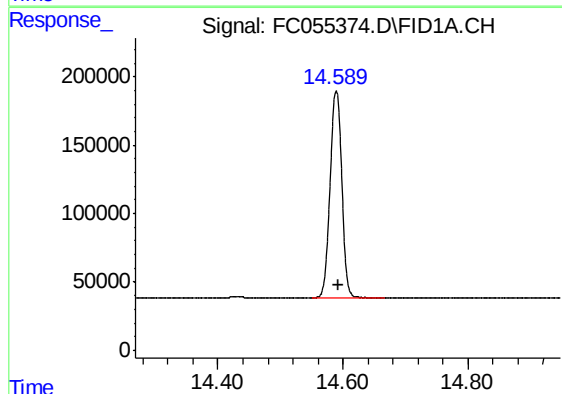
#12 1-chlorooctadecane (SURR)

R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 1729697
Conc: 17.45 ug/ml



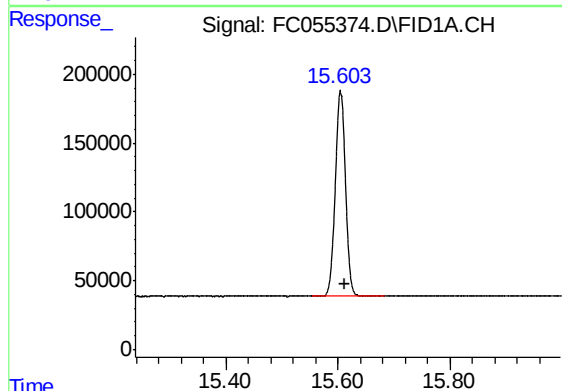
#13 n-Docosane (C22)

R.T.: 13.490 min
Delta R.T.: -0.003 min
Response: 2032665
Conc: 17.40 ug/ml



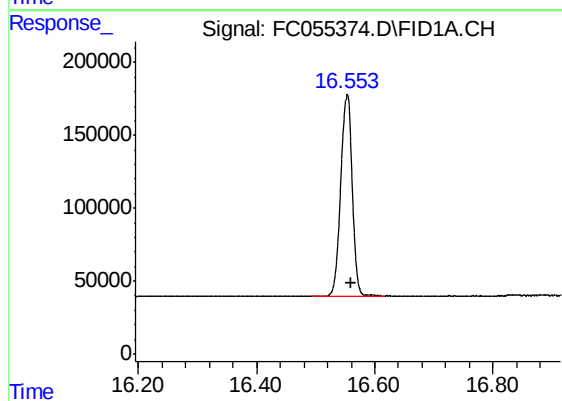
#14 n-Tetracosane (C24)

R.T.: 14.589 min
Delta R.T.: -0.003 min
Response: 1964256
Conc: 16.97 ug/ml



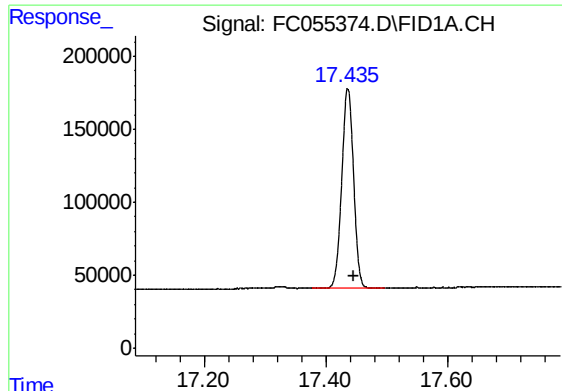
#15 n-Hexacosane (C26)

R.T.: 15.605 min
Delta R.T.: -0.007 min
Response: 1892177
Conc: 16.88 ug/ml



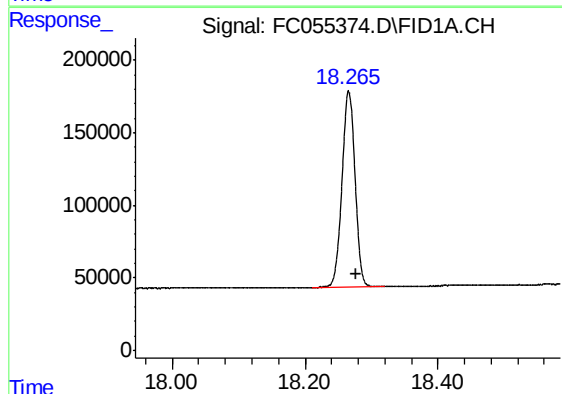
#16 n-Octacosane (C28)

R.T.: 16.553 min
Delta R.T.: -0.007 min
Response: 1865583
Conc: 17.18 ug/ml



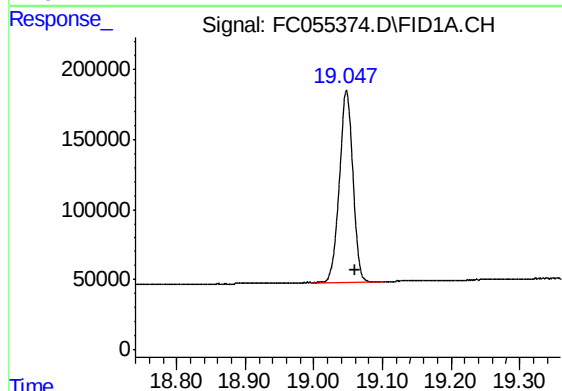
#17 n-Tricontane (C30)

R.T.: 17.436 min
Delta R.T.: -0.010 min
Response: 1855438
Conc: 17.77 ug/ml



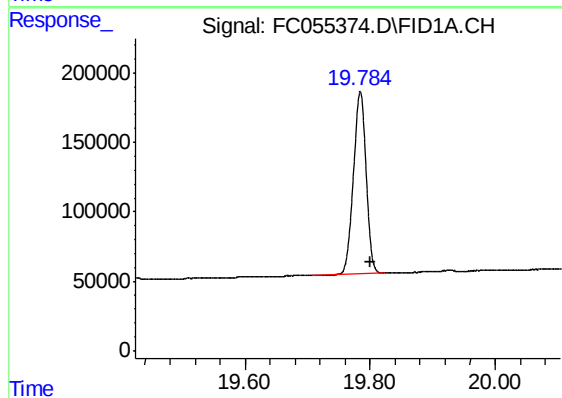
#18 n-Dotriacontane (C32)

R.T.: 18.266 min
Delta R.T.: -0.011 min
Response: 1841661
Conc: 18.60 ug/ml



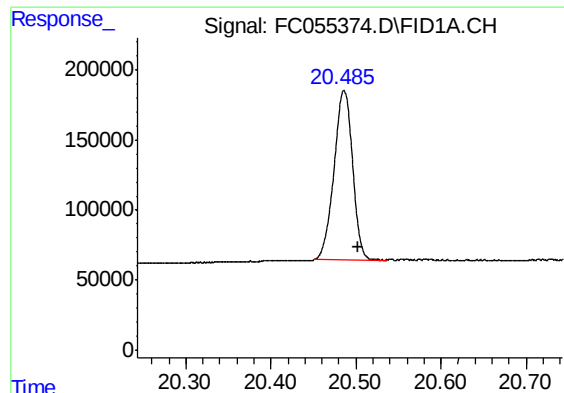
#19 n-Tetatriacontane (C34)

R.T.: 19.048 min
Delta R.T.: -0.013 min
Response: 1868187
Conc: 19.71 ug/ml



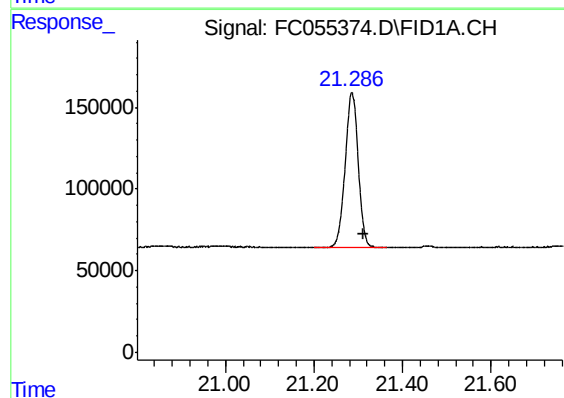
#20 n-Hexatriacontane (C36)

R.T.: 19.784 min
Delta R.T.: -0.015 min
Response: 1836333
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.486 min
Delta R.T.: -0.017 min
Response: 1827870
Conc: 21.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.286 min
Delta R.T.: -0.024 min
Response: 1939888
Conc: 21.78 ug/ml