

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040621AL\
 Data File : FC052978.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2021 9:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 16:07:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.558	2572880	19.195 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	12.996	1991046	18.460 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T n-Nonane (C9)	3.315	2543757	21.901 ug/ml
2) T n-Decane (C10)	4.381	2583661	22.048 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2839305	21.686 ug/ml
4) T n-Dodecane (C12)	6.401	2641466	22.000 ug/ml
5) T A~2-methylnaphthalene...	7.025	2865983	21.410 ug/ml
6) T n-Tetradecane (C14)	8.198	2608772	21.570 ug/ml
7) T n-Hexadecane (C16)	9.799	2516494	20.924 ug/ml
8) T n-Octadecane (C18)	11.242	2526219	20.022 ug/ml
10) T n-Eicosane (C20)	12.552	2423795	18.981 ug/ml
11) T n-Heneicosane (C21)	13.164	2358683	18.557 ug/ml
13) T n-Docosane (C22)	13.751	2289758	18.075 ug/ml
14) T n-Tetracosane (C24)	14.854	2185210	17.493 ug/ml
15) T n-Hexacosane (C26)	15.875	2084385	17.310 ug/ml
16) T n-Octacosane (C28)	16.824	2036651	17.665 ug/ml
17) T n-Tricontane (C30)	17.712	2019299	18.534 ug/ml
18) T n-Dotriacontane (C32)	18.544	1993701	19.870 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1990215	21.652 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1953889	21.427 ug/ml
21) T n-Octatriacontane (C38)	20.799	1893410	23.199 ug/ml
22) T n-Tetracontane (C40)	21.701	1969841	22.868 ug/ml

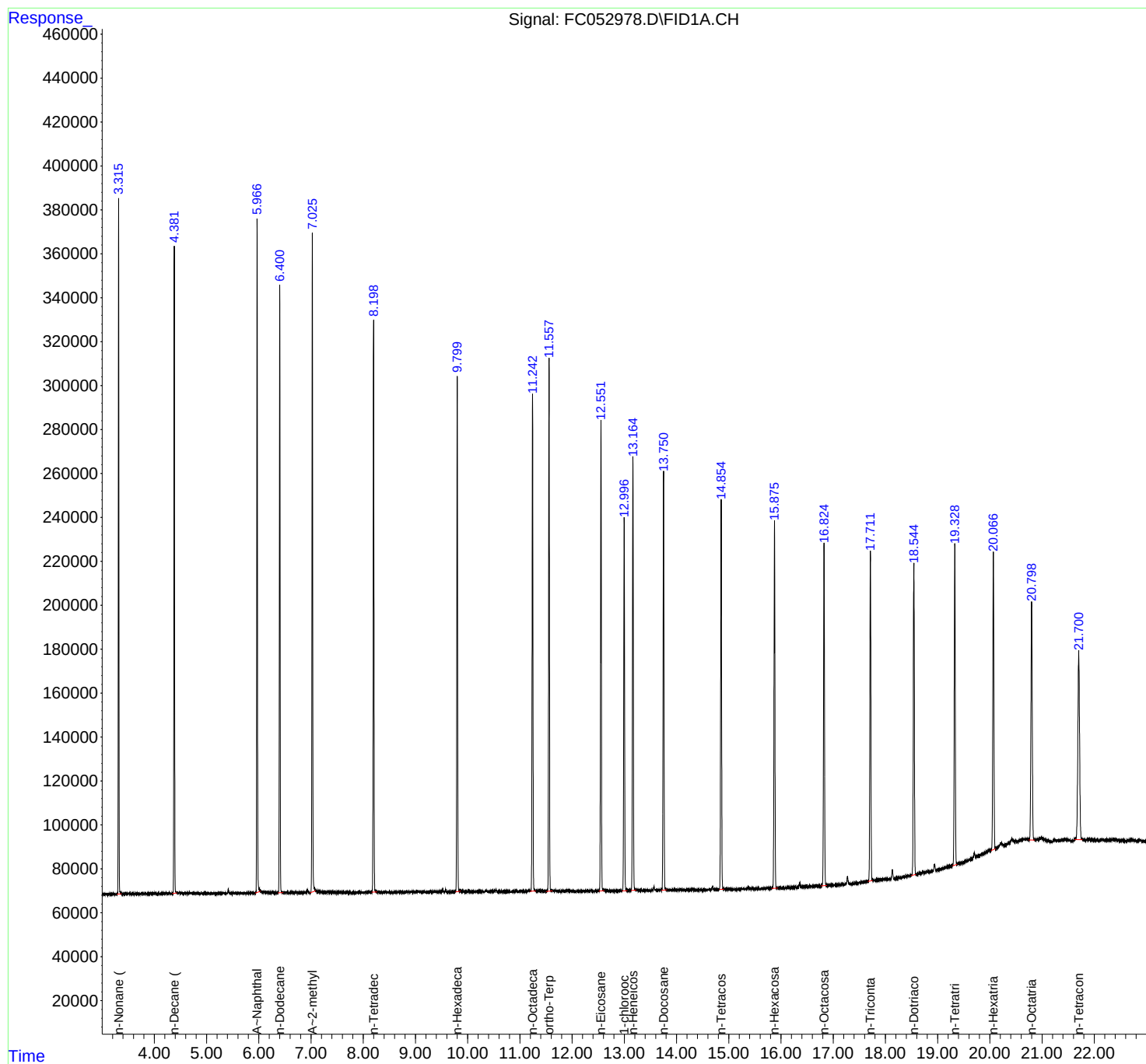
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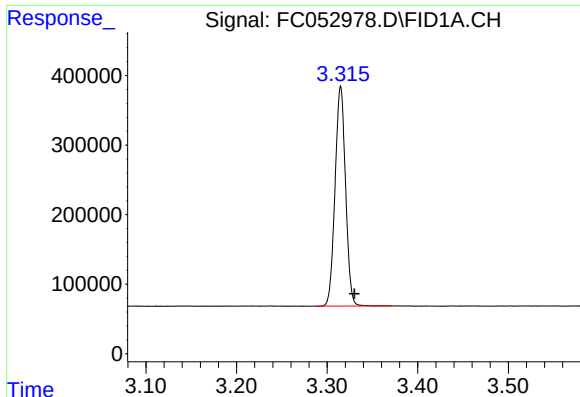
(m)=manual int.

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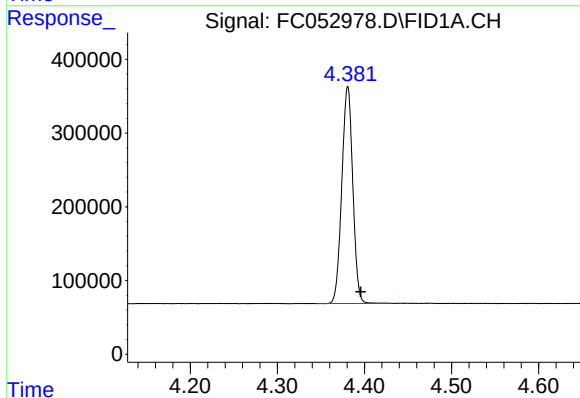
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Signal Info : 20M x 0.18mm x 0.18um





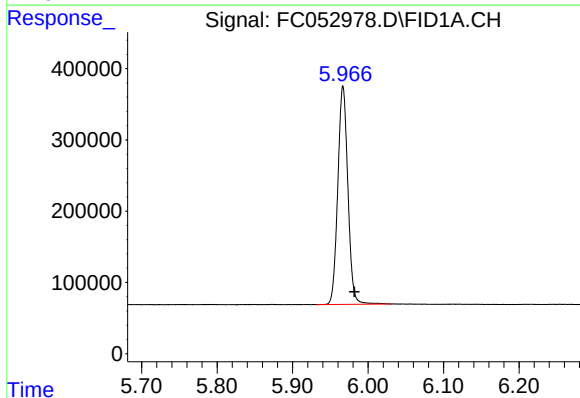
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.015 min
Response: 2543757
Conc: 21.90 ug/ml



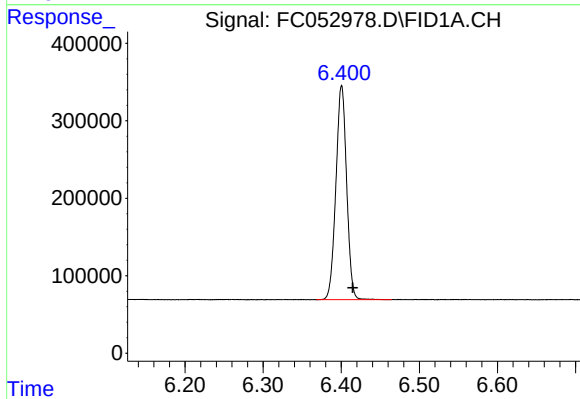
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.015 min
Response: 2583661
Conc: 22.05 ug/ml



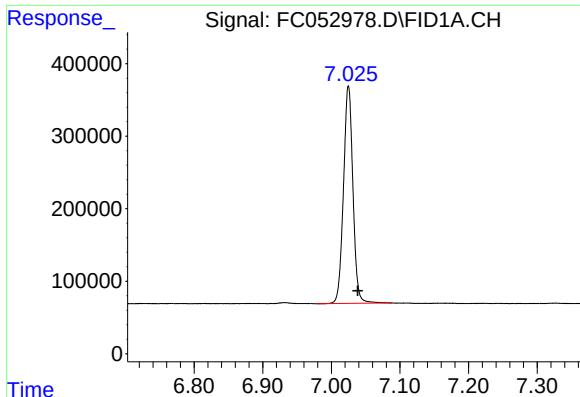
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2839305
Conc: 21.69 ug/ml



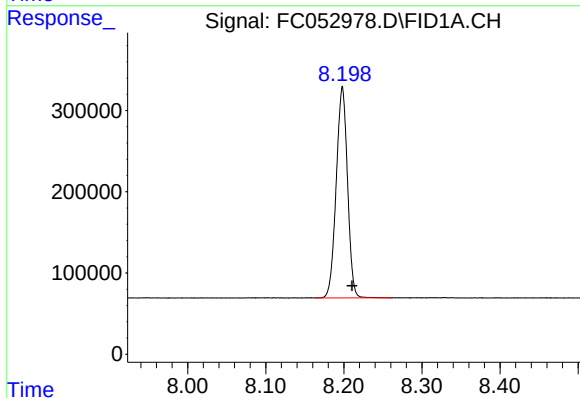
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 2641466
Conc: 22.00 ug/ml



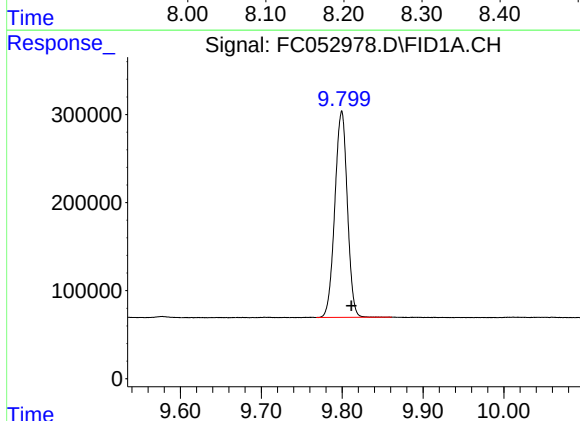
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 2865983
Conc: 21.41 ug/ml



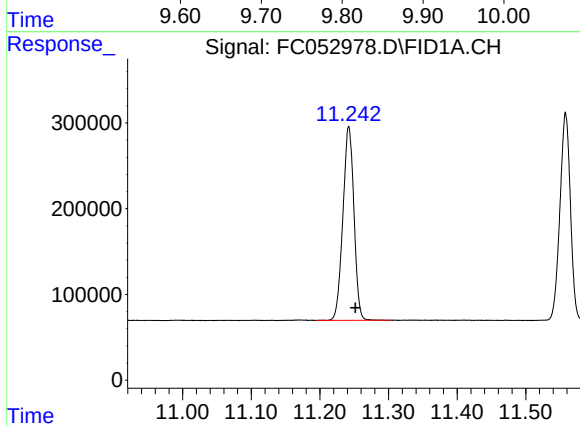
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.013 min
Response: 2608772
Conc: 21.57 ug/ml



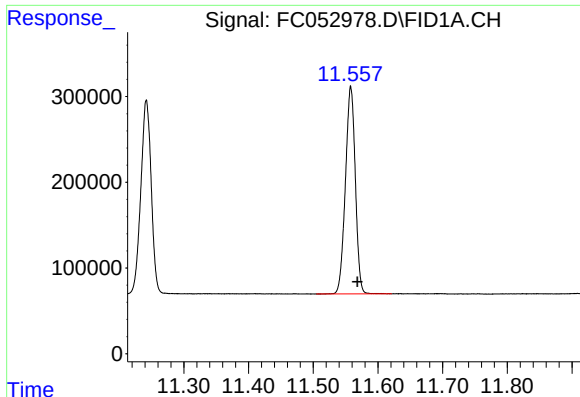
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.012 min
Response: 2516494
Conc: 20.92 ug/ml



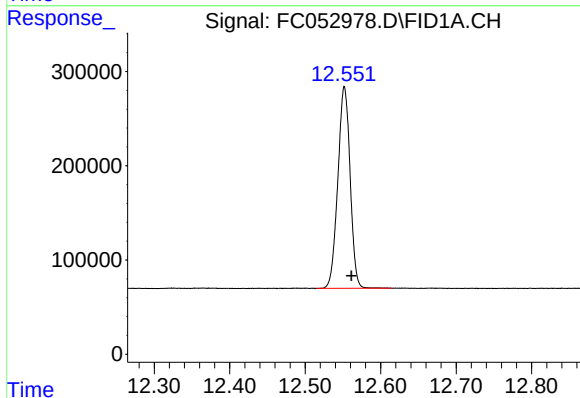
#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: -0.010 min
Response: 2526219
Conc: 20.02 ug/ml



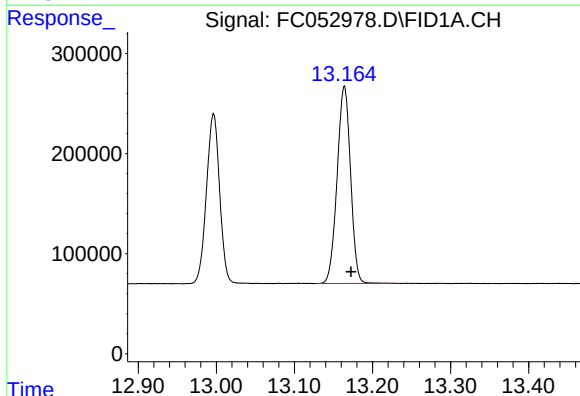
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.010 min
Response: 2572880
Conc: 19.19 ug/ml



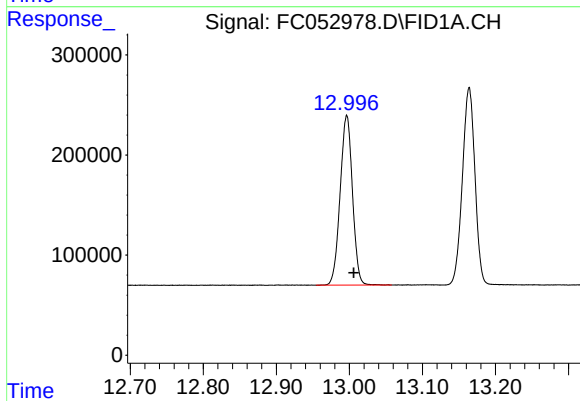
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.009 min
Response: 2423795
Conc: 18.98 ug/ml



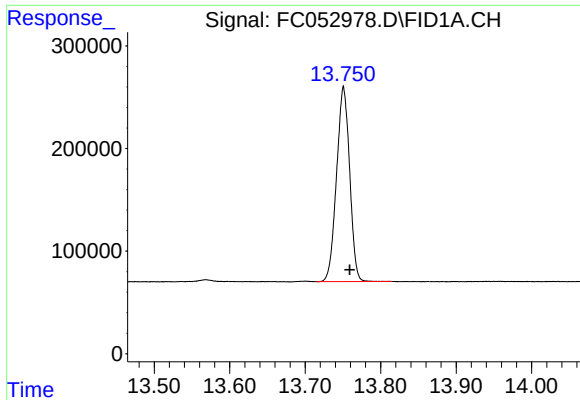
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.009 min
Response: 2358683
Conc: 18.56 ug/ml



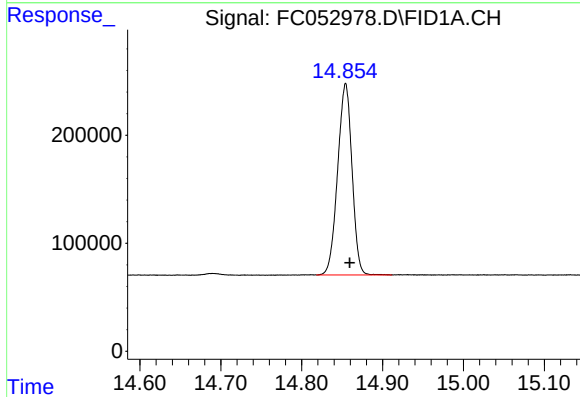
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.010 min
Response: 1991046
Conc: 18.46 ug/ml



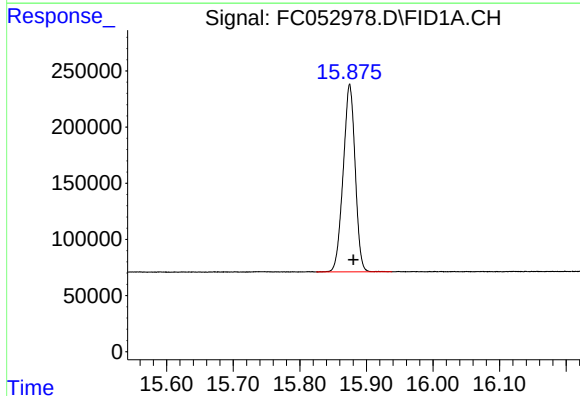
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.008 min
Response: 2289758
Conc: 18.08 ug/ml



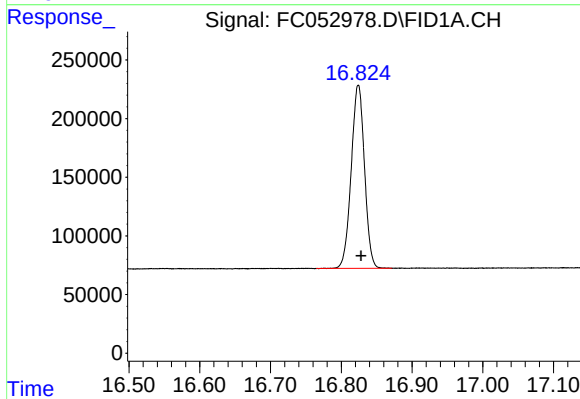
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 2185210
Conc: 17.49 ug/ml



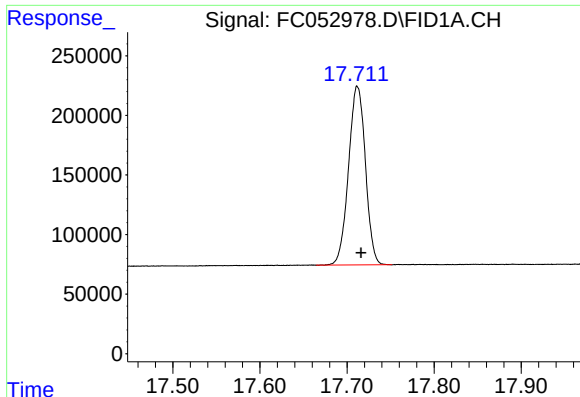
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.005 min
Response: 2084385
Conc: 17.31 ug/ml



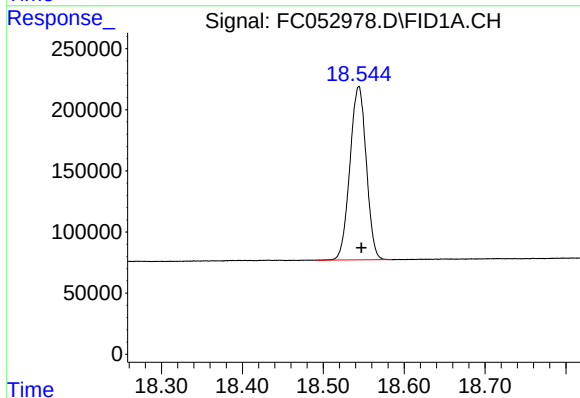
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.004 min
Response: 2036651
Conc: 17.66 ug/ml



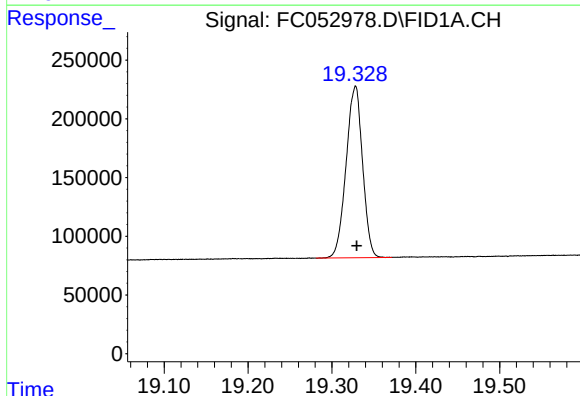
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.004 min
Response: 2019299
Conc: 18.53 ug/ml



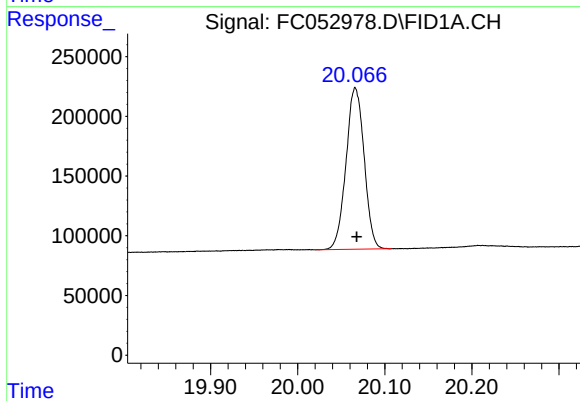
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1993701
Conc: 19.87 ug/ml



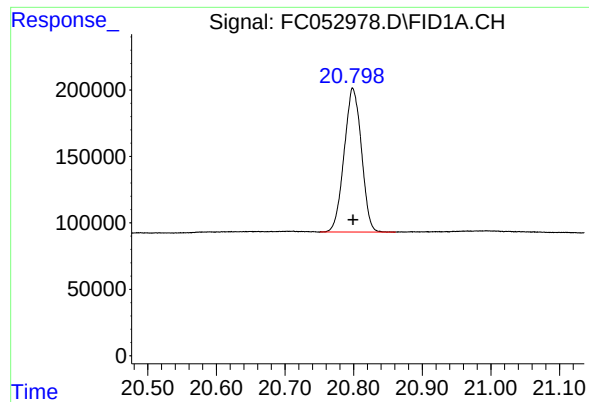
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.002 min
Response: 1990215
Conc: 21.65 ug/ml



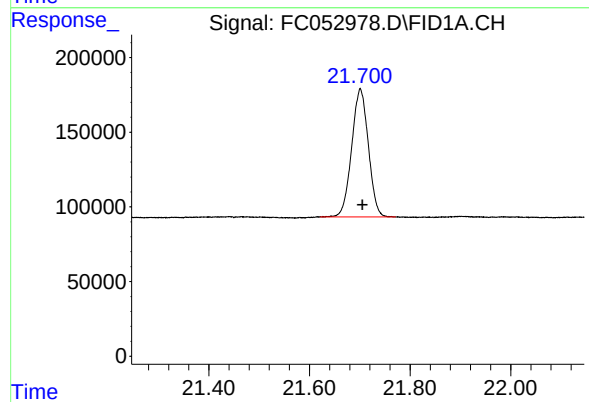
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.001 min
Response: 1953889
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1893410
Conc: 23.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: -0.004 min
Response: 1969841
Conc: 22.87 ug/ml