

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091819AL\
 Data File : FC043576.D
 Signal(s) : FID1A.CH
 Acq On : 19 Sep 2019 5:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 07:07:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 2019
 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)	11.589	3045445	21.335 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
12) S 1-chlorooctadecane (S...	13.010	2319911	20.951 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T n-Nonane (C9)	3.437	2684064	23.003 ug/ml
2) T n-Decane (C10)	4.490	2752594	23.629 ug/ml
3) T A~Naphthalene (C11.7)	6.068	2783338	23.794 ug/ml
4) T n-Dodecane (C12)	6.482	2855816	23.427 ug/ml
5) T A~2-methylnaphthalene...	7.112	2836799	23.994 ug/ml
6) T n-Tetradecane (C14)	8.257	2875406	23.294 ug/ml
7) T n-Hexadecane (C16)	9.841	2872440	22.905 ug/ml
8) T n-Octadecane (C18)	11.269	2853446	22.131 ug/ml
10) T n-Eicosane (C20)	12.568	2794323	21.340 ug/ml
11) T n-Heneicosane (C21)	13.175	2770696	20.915 ug/ml
13) T n-Docosane (C22)	13.755	2727826	20.785 ug/ml
14) T n-Tetracosane (C24)	14.851	2637134	20.079 ug/ml
15) T n-Hexacosane (C26)	15.864	2549300	19.779 ug/ml
16) T n-Octacosane (C28)	16.807	2468147	19.612 ug/ml
17) T n-Tricontane (C30)	17.689	2416506	19.682 ug/ml
18) T n-Dotriacontane (C32)	18.518	2324514	20.171 ug/ml
19) T n-Tetratriacontane (C34)	19.297	2262962	21.054 ug/ml
20) T n-Hexatriacontane (C36)	20.032	2163659	21.960 ug/ml
21) T n-Octatriacontane (C38)	20.755	2101070	22.836 ug/ml
22) T n-Tetracontane (C40)	21.644	2121324	22.621 ug/ml

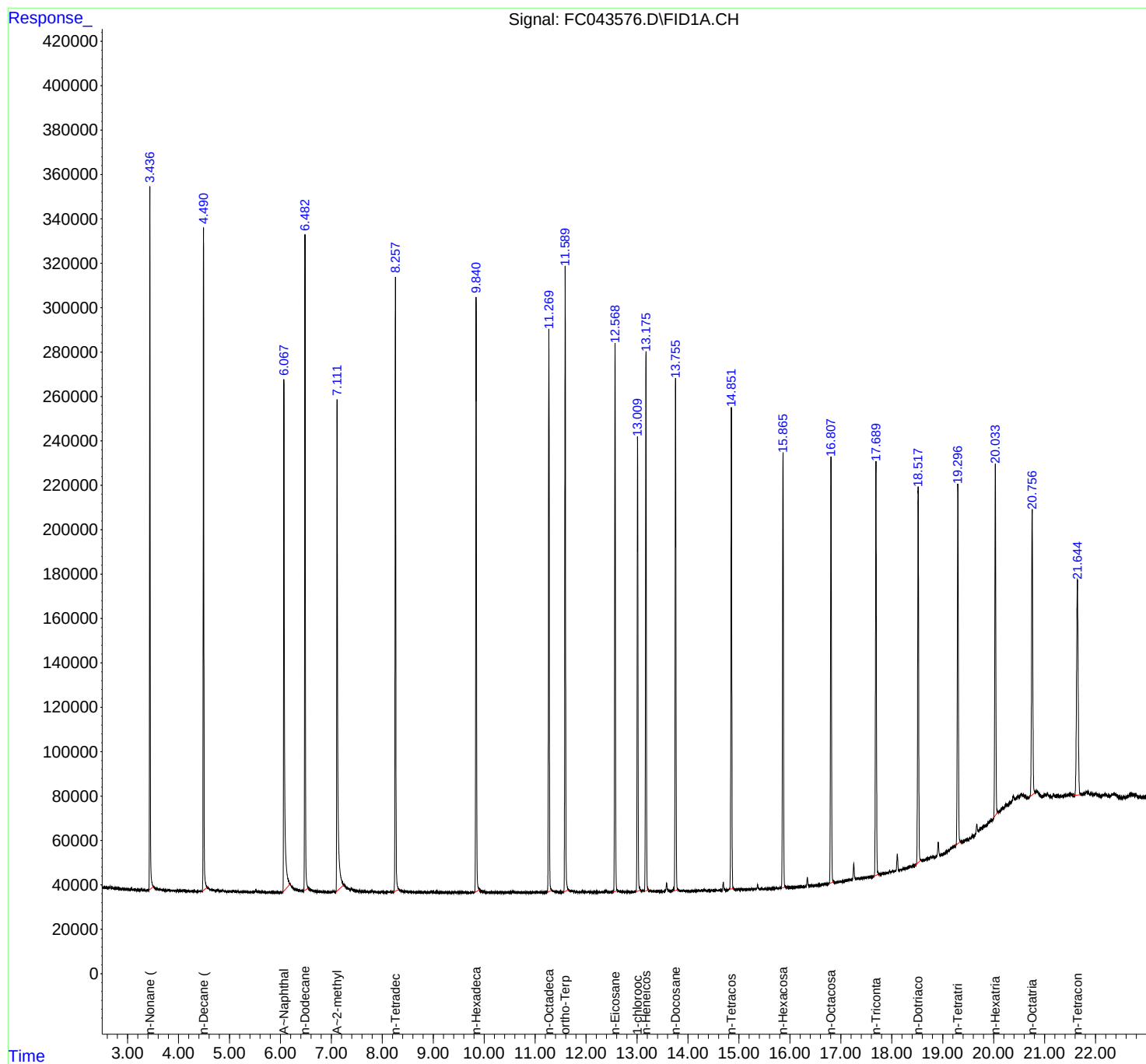
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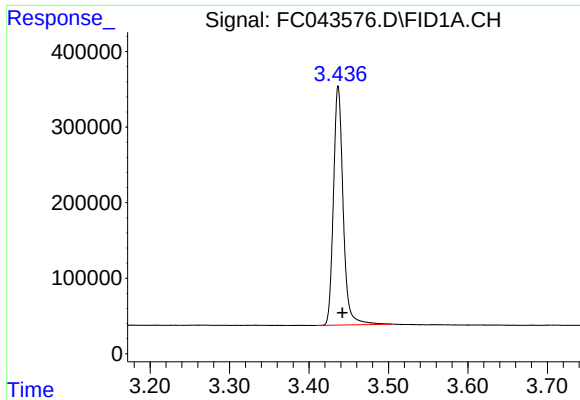
(m)=manual int.

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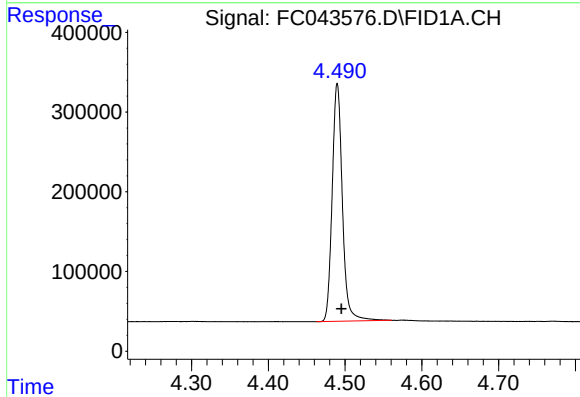
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





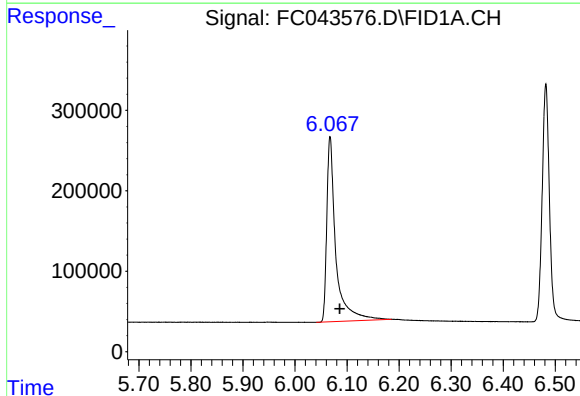
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: -0.005 min
Response: 2684064
Conc: 23.00 ug/ml



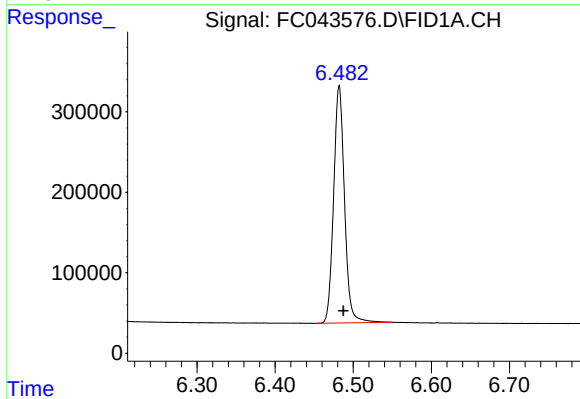
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.006 min
Response: 2752594
Conc: 23.63 ug/ml



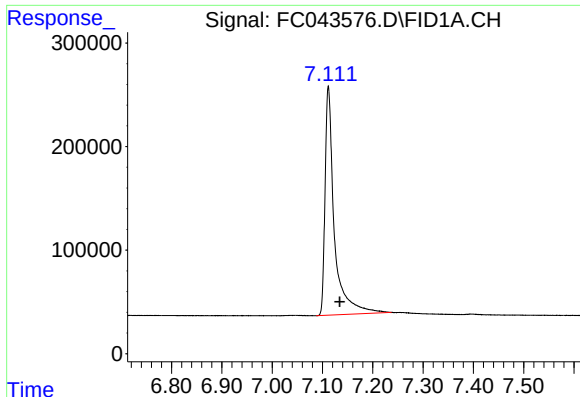
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.018 min
Response: 2783338
Conc: 23.79 ug/ml



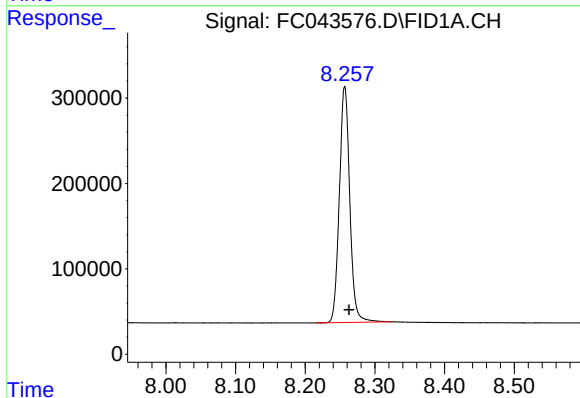
#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.005 min
Response: 2855816
Conc: 23.43 ug/ml



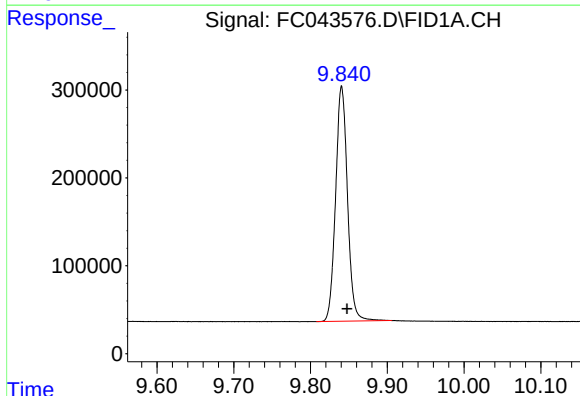
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.023 min
Response: 2836799
Conc: 23.99 ug/ml



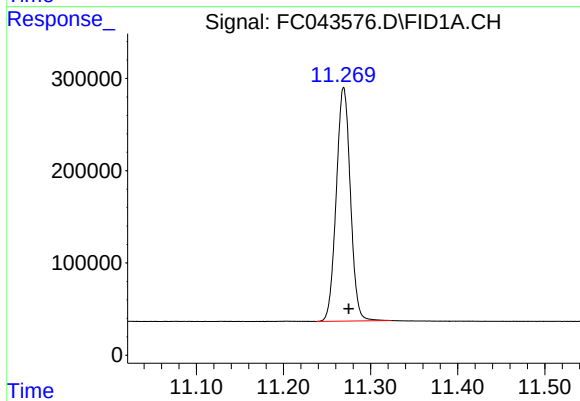
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: -0.006 min
Response: 2875406
Conc: 23.29 ug/ml



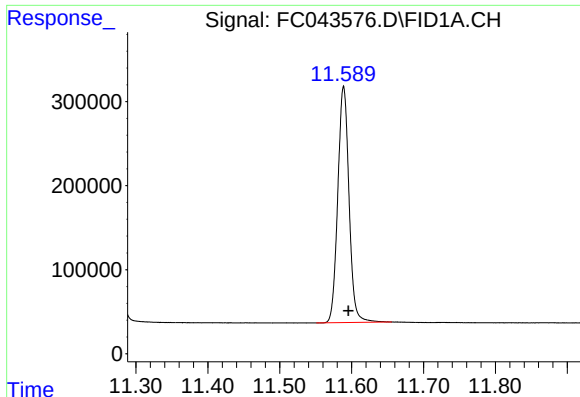
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.007 min
Response: 2872440
Conc: 22.90 ug/ml



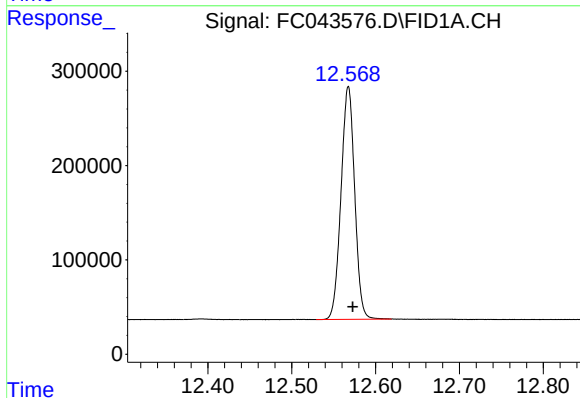
#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: -0.006 min
Response: 2853446
Conc: 22.13 ug/ml



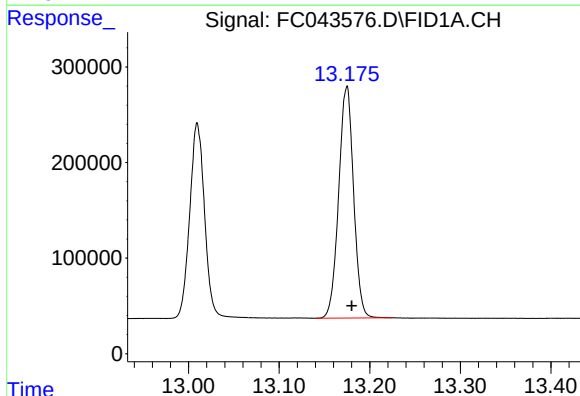
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.007 min
Response: 3045445
Conc: 21.33 ug/ml



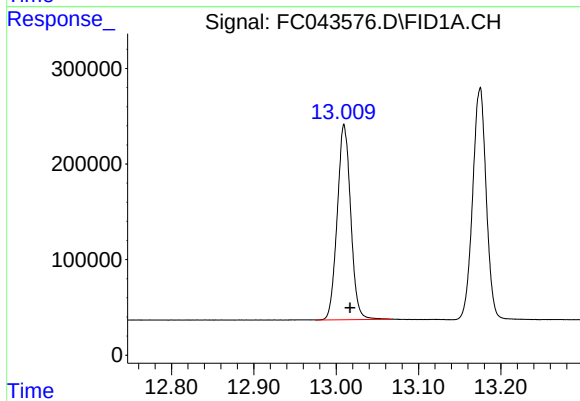
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.005 min
Response: 2794323
Conc: 21.34 ug/ml



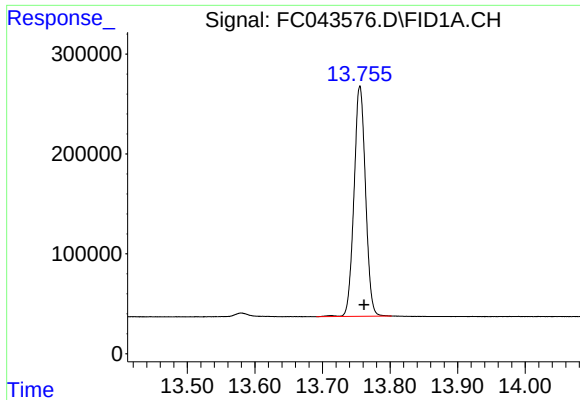
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.005 min
Response: 2770696
Conc: 20.92 ug/ml



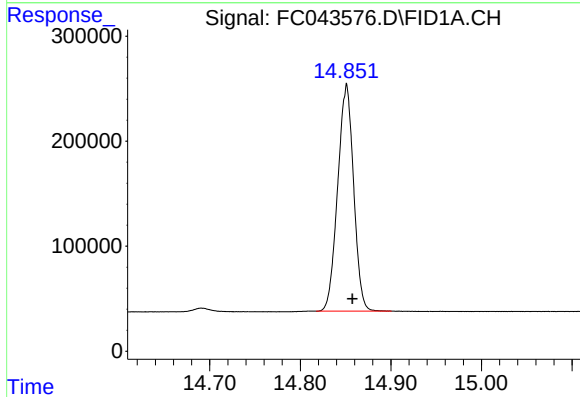
#12 1-chlorooctadecane (SURR)

R.T.: 13.010 min
Delta R.T.: -0.007 min
Response: 2319911
Conc: 20.95 ug/ml



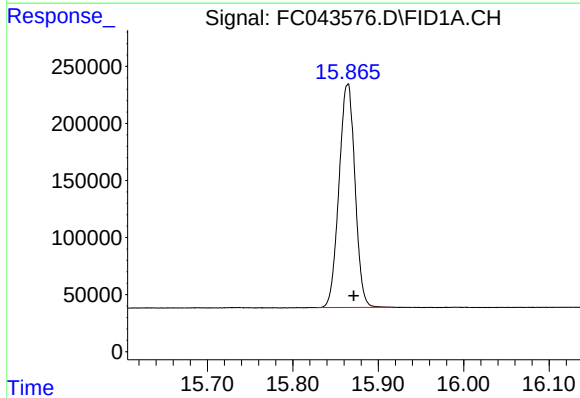
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.006 min
Response: 2727826
Conc: 20.78 ug/ml



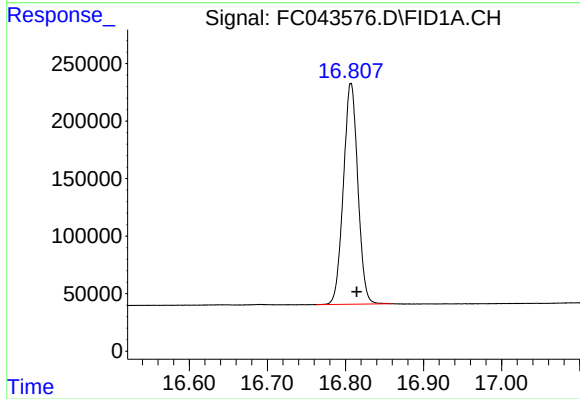
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.007 min
Response: 2637134
Conc: 20.08 ug/ml



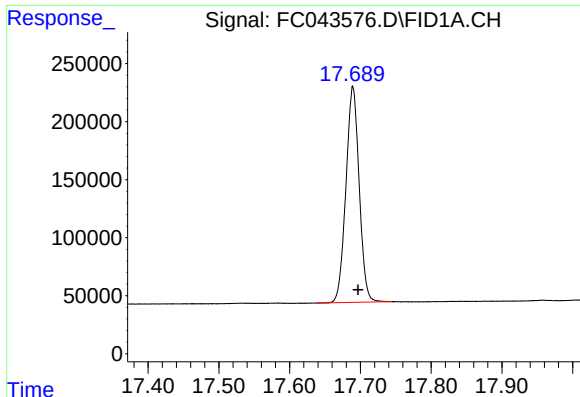
#15 n-Hexacosane (C26)

R.T.: 15.864 min
Delta R.T.: -0.007 min
Response: 2549300
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.807 min
Delta R.T.: -0.008 min
Response: 2468147
Conc: 19.61 ug/ml



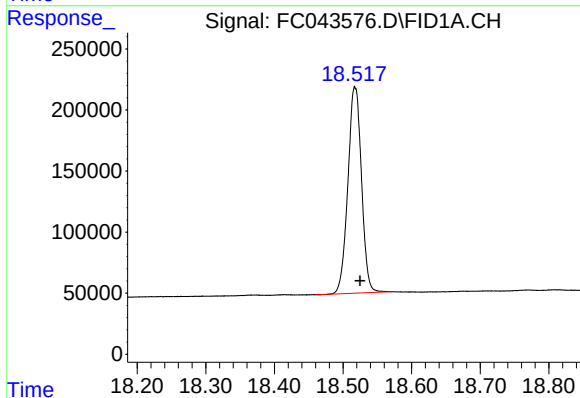
#17 n-Tricontane (C30)

R.T.: 17.689 min

Delta R.T.: -0.007 min

Response: 2416506

Conc: 19.68 ug/ml



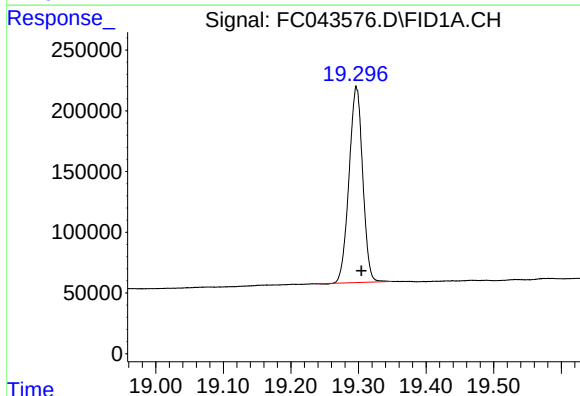
#18 n-Dotriacontane (C32)

R.T.: 18.518 min

Delta R.T.: -0.007 min

Response: 2324514

Conc: 20.17 ug/ml



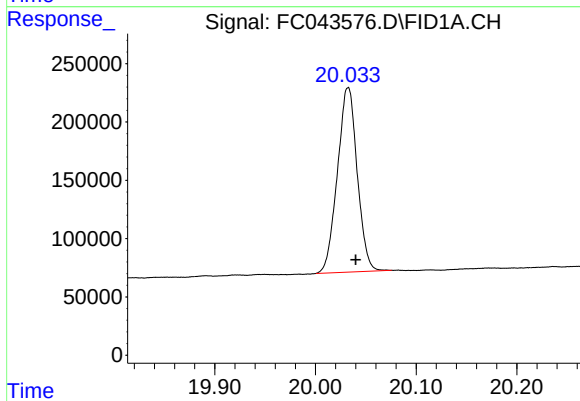
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min

Delta R.T.: -0.008 min

Response: 2262962

Conc: 21.05 ug/ml



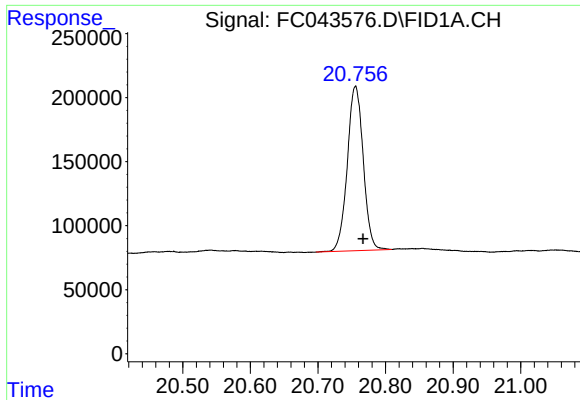
#20 n-Hexatriacontane (C36)

R.T.: 20.032 min

Delta R.T.: -0.008 min

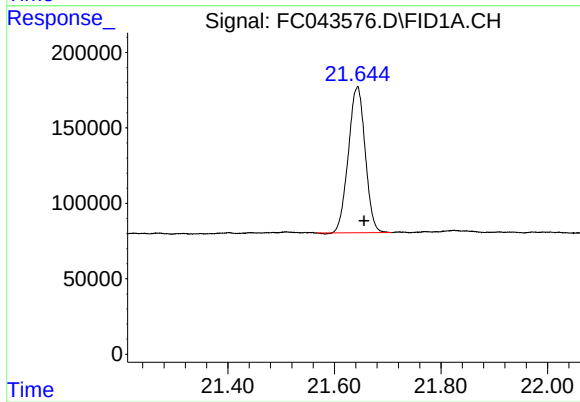
Response: 2163659

Conc: 21.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: -0.011 min
Response: 2101070
Conc: 22.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.644 min
Delta R.T.: -0.012 min
Response: 2121324
Conc: 22.62 ug/ml