

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071321AL\
 Data File : FC054675.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jul 2021 23:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 02:17:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.321	3042477	21.491 ug/ml
Spiked Amount 50.000		Recovery =	42.98%
12) S 1-chlorooctadecane (S...	12.765	2404772	21.572 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
Target Compounds			
1) T n-Nonane (C9)	3.137	2660080	22.621 ug/ml
2) T n-Decane (C10)	4.191	2725232	22.951 ug/ml
3) T A~Naphthalene (C11.7)	5.758	2971546	22.602 ug/ml
4) T n-Dodecane (C12)	6.198	2762280	23.047 ug/ml
5) T A~2-methylnaphthalene...	6.810	2971220	22.506 ug/ml
6) T n-Tetradecane (C14)	7.986	2828754	23.217 ug/ml
7) T n-Hexadecane (C16)	9.581	2843118	22.825 ug/ml
8) T n-Octadecane (C18)	11.018	2885062	22.337 ug/ml
10) T n-Eicosane (C20)	12.324	2848570	21.892 ug/ml
11) T n-Heneicosane (C21)	12.934	2853098	21.489 ug/ml
13) T n-Docosane (C22)	13.519	2842528	21.456 ug/ml
14) T n-Tetracosane (C24)	14.619	2793575	20.637 ug/ml
15) T n-Hexacosane (C26)	15.638	2697780	19.909 ug/ml
16) T n-Octacosane (C28)	16.586	2668256	19.440 ug/ml
17) T n-Tricontane (C30)	17.471	2595187	18.737 ug/ml
18) T n-Dotriacontane (C32)	18.303	2509575	18.343 ug/ml
19) T n-Tetratriacontane (C34)	19.085	2470190	18.282 ug/ml
20) T n-Hexatriacontane (C36)	19.821	2394181	19.396 ug/mlm
21) T n-Octatriacontane (C38)	20.527	2362583	20.886 ug/ml
22) T n-Tetracontane (C40)	21.344	2380229	21.059 ug/ml

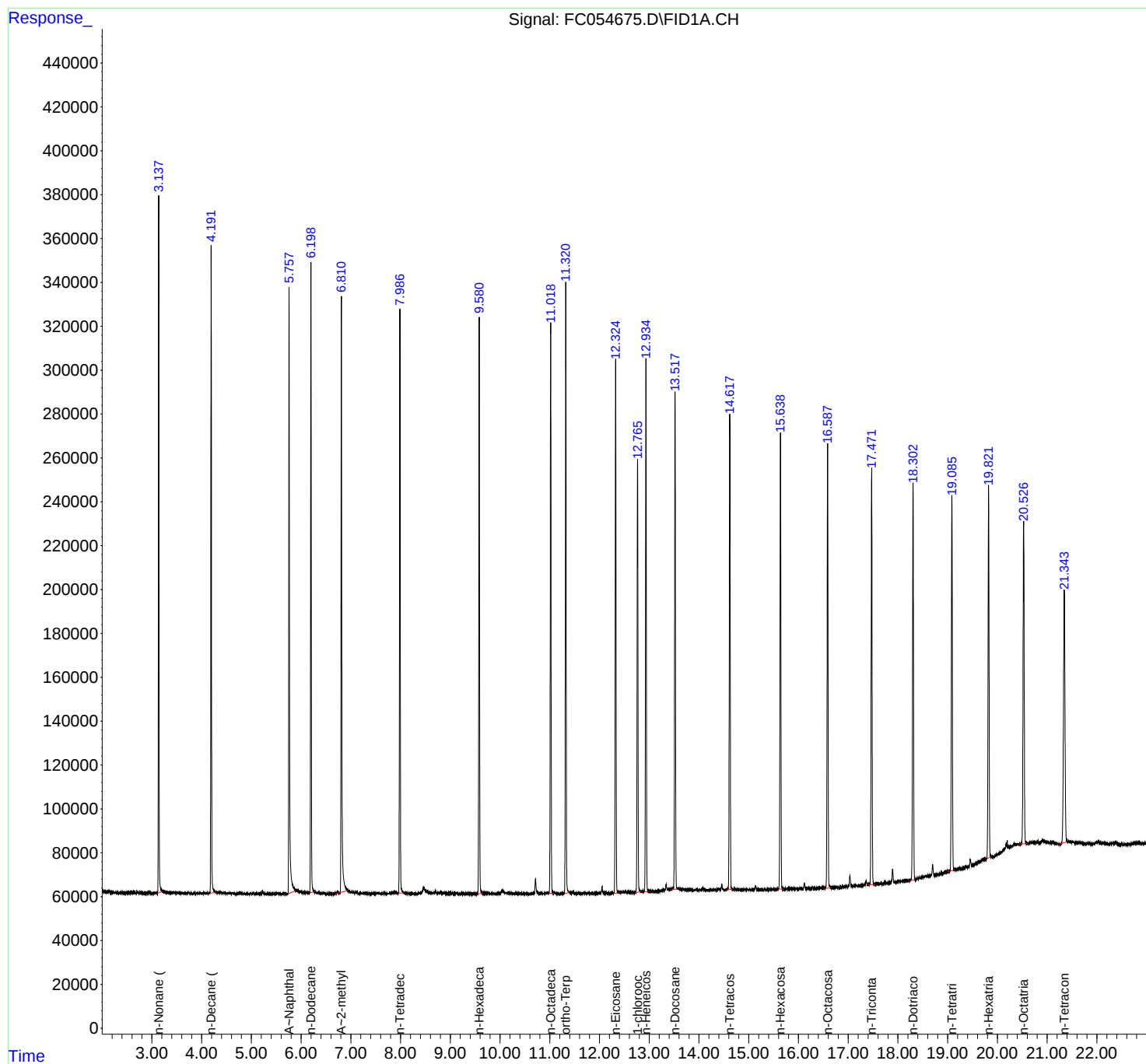
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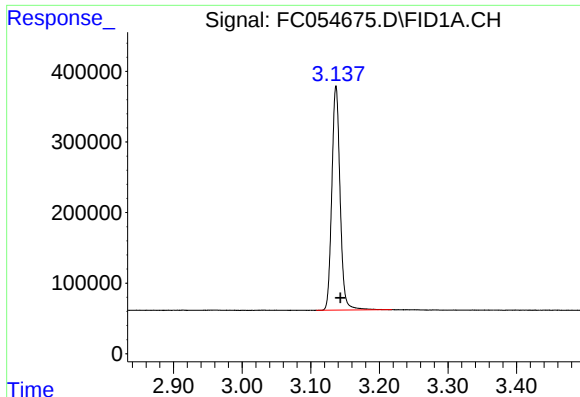
(m)=manual int.

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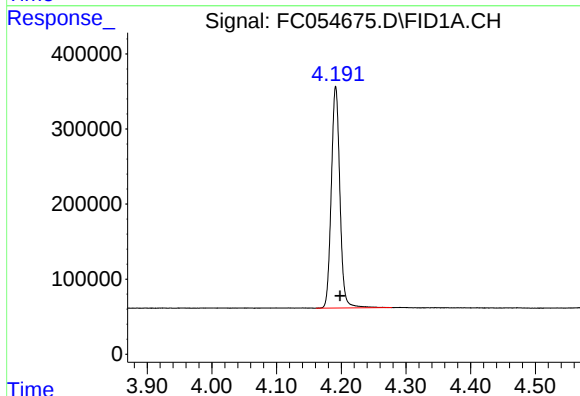
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Signal Info : 20M x 0.18mm x 0.18um





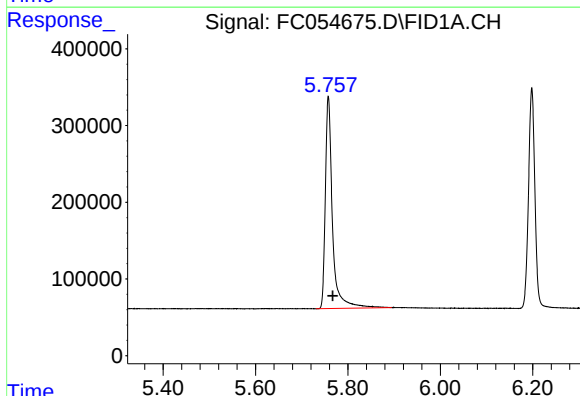
#1 n-Nonane (C9)

R.T.: 3.137 min
Delta R.T.: -0.006 min
Response: 2660080
Conc: 22.62 ug/ml



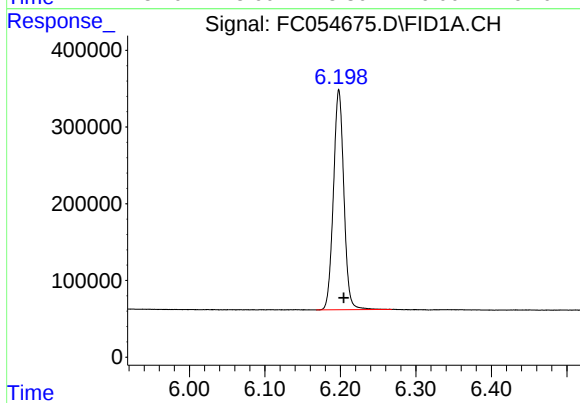
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: -0.007 min
Response: 2725232
Conc: 22.95 ug/ml



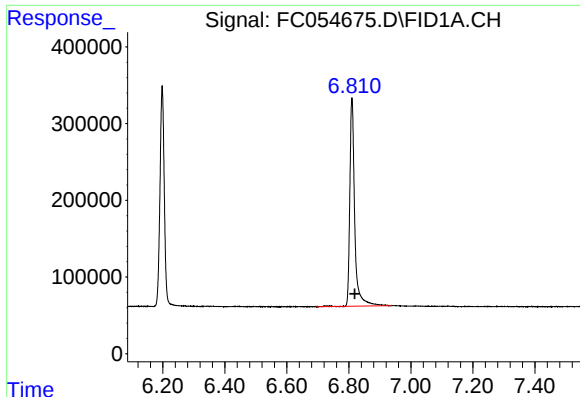
#3 A~Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.009 min
Response: 2971546
Conc: 22.60 ug/ml



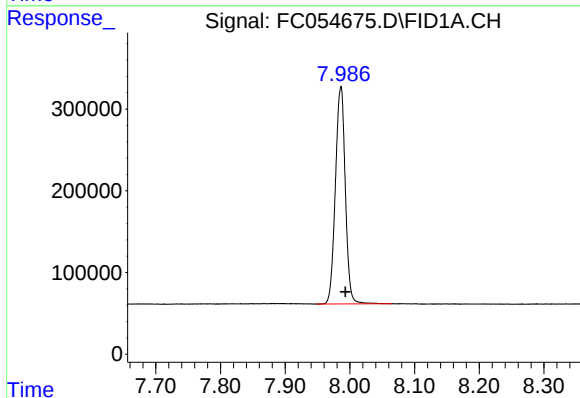
#4 n-Dodecane (C12)

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 2762280
Conc: 23.05 ug/ml



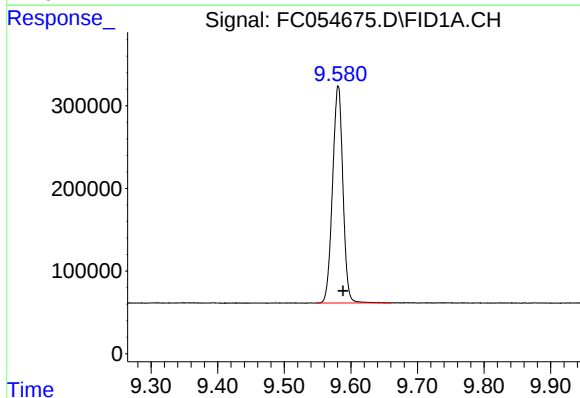
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.009 min
Response: 2971220
Conc: 22.51 ug/ml



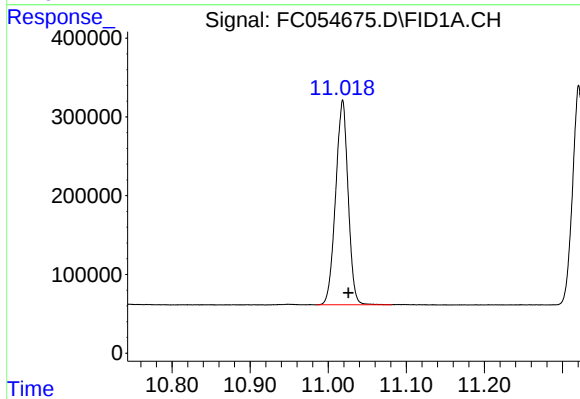
#6 n-Tetradecane (C14)

R.T.: 7.986 min
Delta R.T.: -0.007 min
Response: 2828754
Conc: 23.22 ug/ml



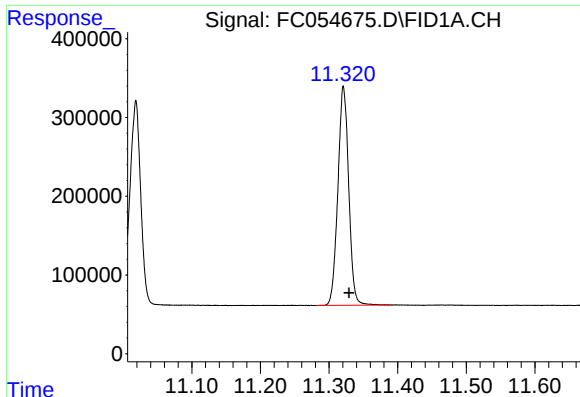
#7 n-Hexadecane (C16)

R.T.: 9.581 min
Delta R.T.: -0.007 min
Response: 2843118
Conc: 22.83 ug/ml



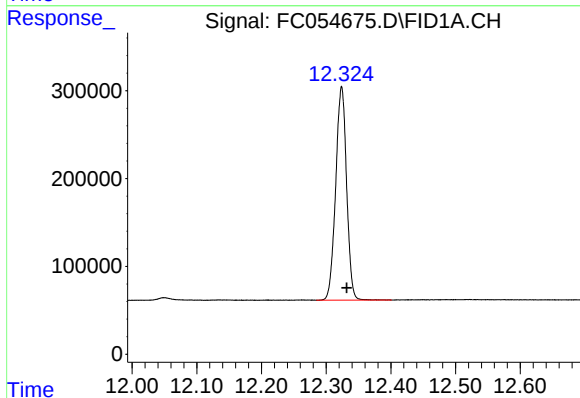
#8 n-Octadecane (C18)

R.T.: 11.018 min
Delta R.T.: -0.007 min
Response: 2885062
Conc: 22.34 ug/ml



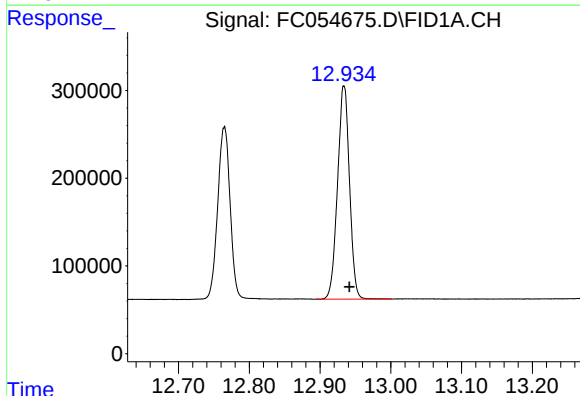
#9 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.008 min
Response: 3042477
Conc: 21.49 ug/ml



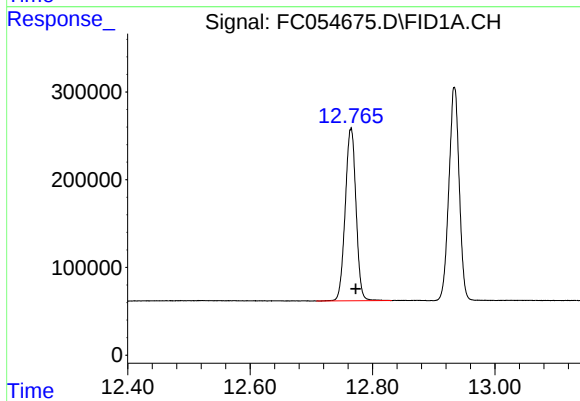
#10 n-Eicosane (C20)

R.T.: 12.324 min
Delta R.T.: -0.008 min
Response: 2848570
Conc: 21.89 ug/ml



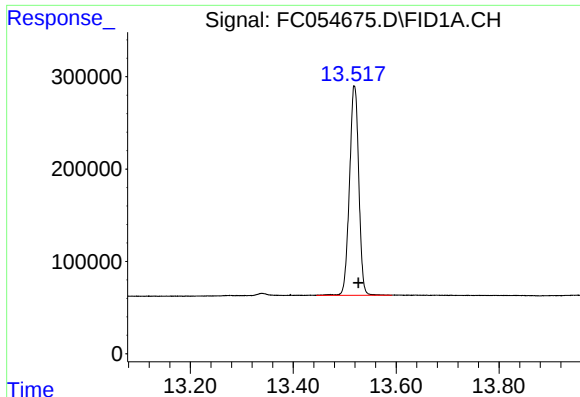
#11 n-Heneicosane (C21)

R.T.: 12.934 min
Delta R.T.: -0.008 min
Response: 2853098
Conc: 21.49 ug/ml



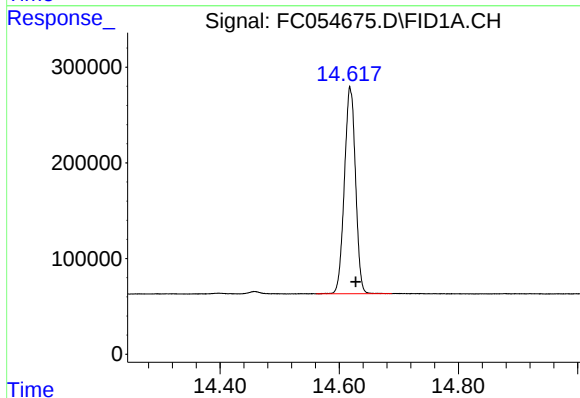
#12 1-chlorooctadecane (SURR)

R.T.: 12.765 min
Delta R.T.: -0.008 min
Response: 2404772
Conc: 21.57 ug/ml



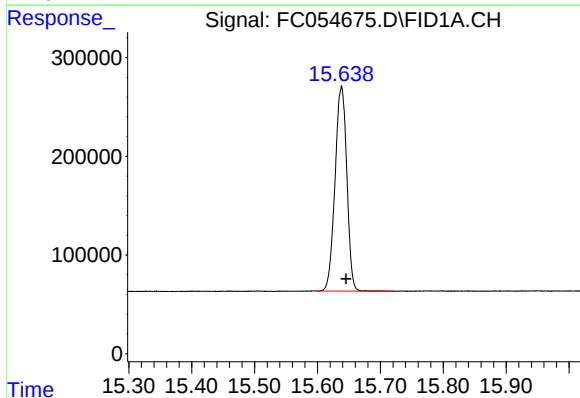
#13 n-Docosane (C22)

R.T.: 13.519 min
Delta R.T.: -0.008 min
Response: 2842528
Conc: 21.46 ug/ml



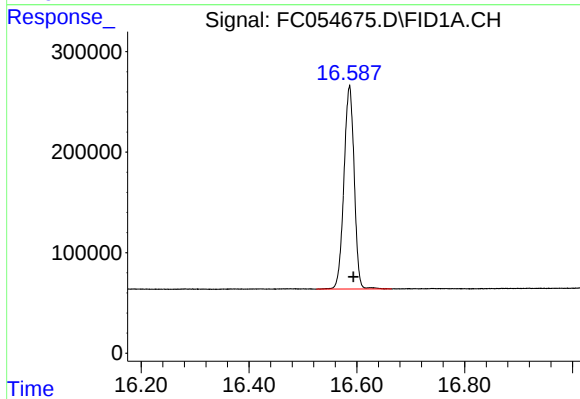
#14 n-Tetracosane (C24)

R.T.: 14.619 min
Delta R.T.: -0.009 min
Response: 2793575
Conc: 20.64 ug/ml



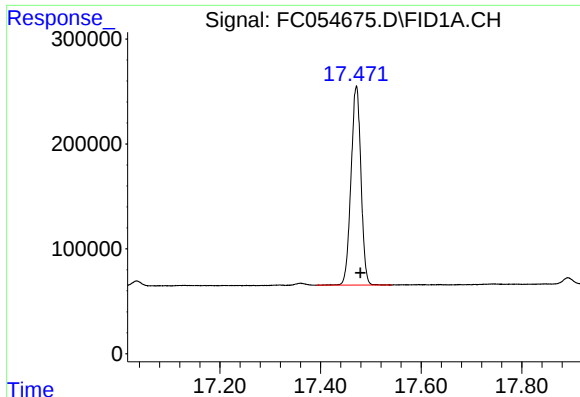
#15 n-Hexacosane (C26)

R.T.: 15.638 min
Delta R.T.: -0.007 min
Response: 2697780
Conc: 19.91 ug/ml



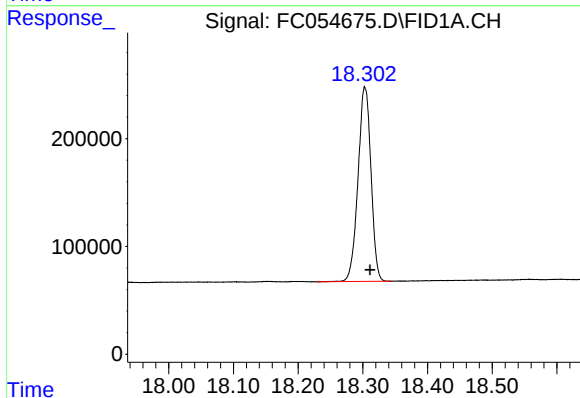
#16 n-Octacosane (C28)

R.T.: 16.586 min
Delta R.T.: -0.007 min
Response: 2668256
Conc: 19.44 ug/ml



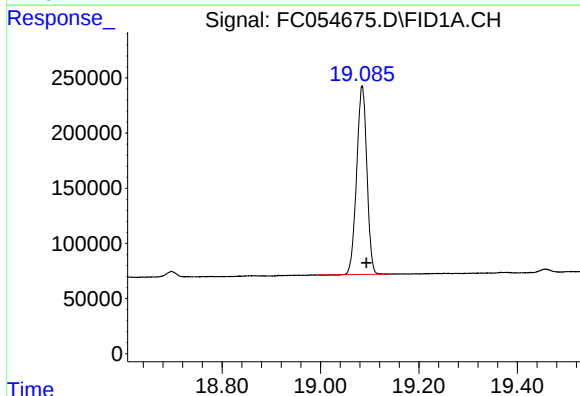
#17 n-Tricontane (C30)

R.T.: 17.471 min
Delta R.T.: -0.008 min
Response: 2595187
Conc: 18.74 ug/ml



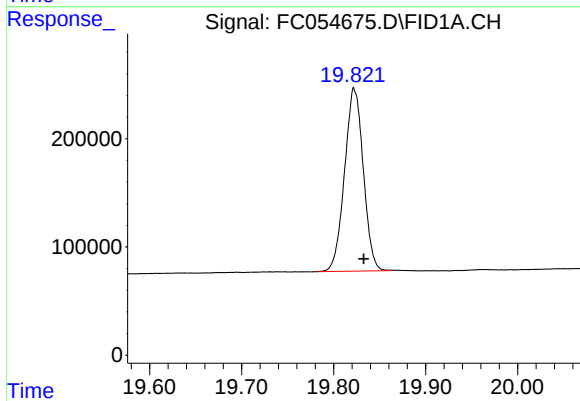
#18 n-Dotriacontane (C32)

R.T.: 18.303 min
Delta R.T.: -0.008 min
Response: 2509575
Conc: 18.34 ug/ml



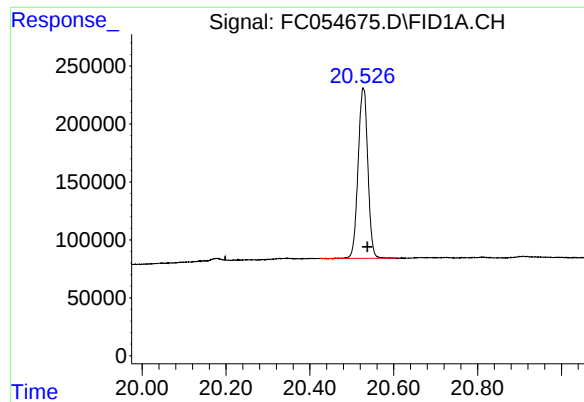
#19 n-Tetratriacontane (C34)

R.T.: 19.085 min
Delta R.T.: -0.009 min
Response: 2470190
Conc: 18.28 ug/ml



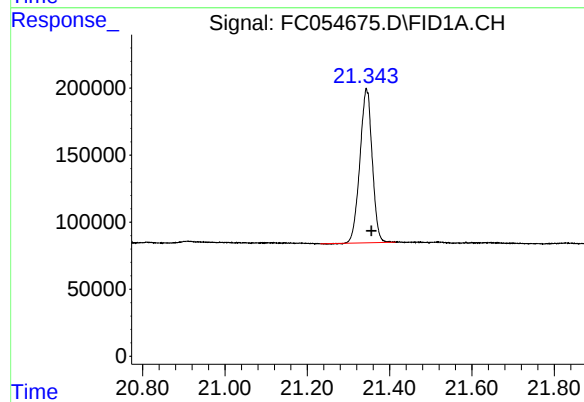
#20 n-Hexatriacontane (C36)

R.T.: 19.821 min
Delta R.T.: -0.012 min
Response: 2394181
Conc: 19.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.527 min
Delta R.T.: -0.009 min
Response: 2362583
Conc: 20.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.344 min
Delta R.T.: -0.012 min
Response: 2380229
Conc: 21.06 ug/ml