

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072820AL\
 Data File : FC048675.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jul 2020 9:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 01:35:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.680	2688628	19.589 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.112	2173317	19.286 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.415	2548604	21.380 ug/ml
2) T n-Decane (C10)	4.488	2579014	21.426 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2880522	21.405 ug/ml
4) T n-Dodecane (C12)	6.513	2625435	21.460 ug/ml
5) T A~2-methylnaphthalene...	7.143	2931742	21.270 ug/ml
6) T n-Tetradecane (C14)	8.311	2624030	21.301 ug/ml
7) T n-Hexadecane (C16)	9.914	2568842	20.985 ug/ml
8) T n-Octadecane (C18)	11.356	2620339	20.474 ug/ml
10) T n-Eicosane (C20)	12.666	2572549	19.890 ug/ml
11) T n-Heneicosane (C21)	13.278	2530459	19.521 ug/ml
13) T n-Docosane (C22)	13.865	2491433	19.189 ug/ml
14) T n-Tetracosane (C24)	14.966	2404384	18.342 ug/ml
15) T n-Hexacosane (C26)	15.987	2294576	17.646 ug/ml
16) T n-Octacosane (C28)	16.935	2225458	17.031 ug/ml
17) T n-Tricontane (C30)	17.821	2127946	16.552 ug/ml
18) T n-Dotriacontane (C32)	18.651	1932234	16.355 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1830166	16.396 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1757862	16.714 ug/ml
21) T n-Octatriacontane (C38)	20.926	1703171	17.349 ug/ml
22) T n-Tetracontane (C40)	21.876	1746574	17.973 ug/ml

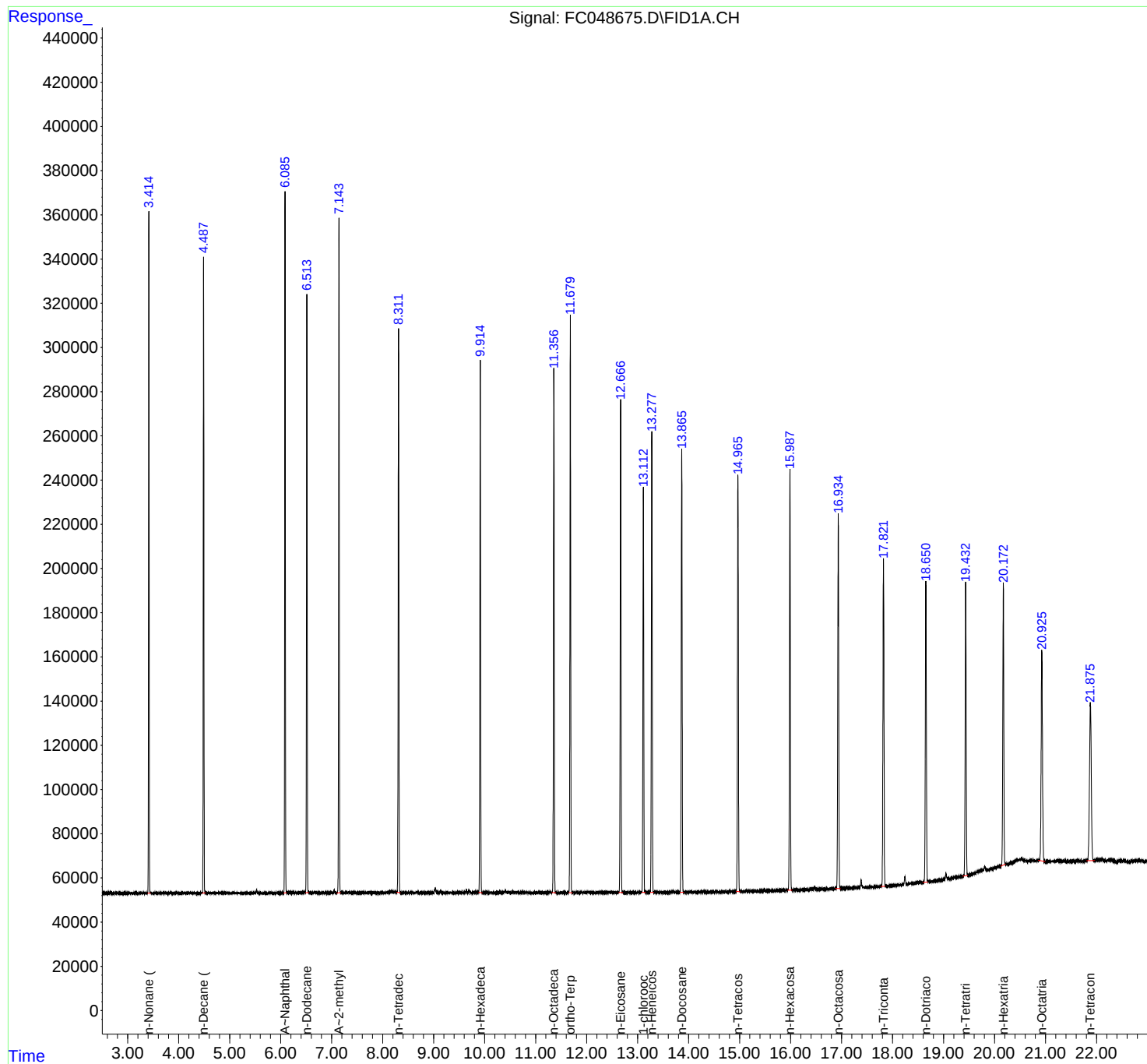
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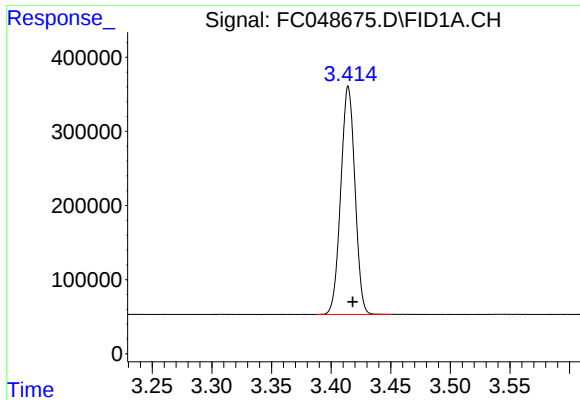
(m)=manual int.

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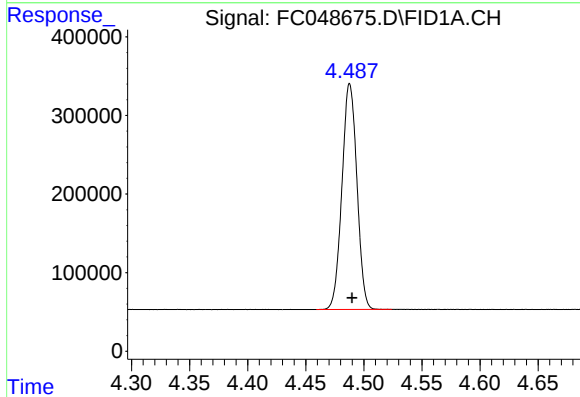
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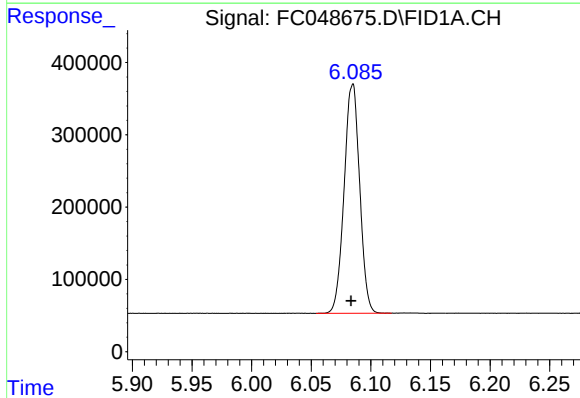
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: -0.003 min
Response: 2548604
Conc: 21.38 ug/ml



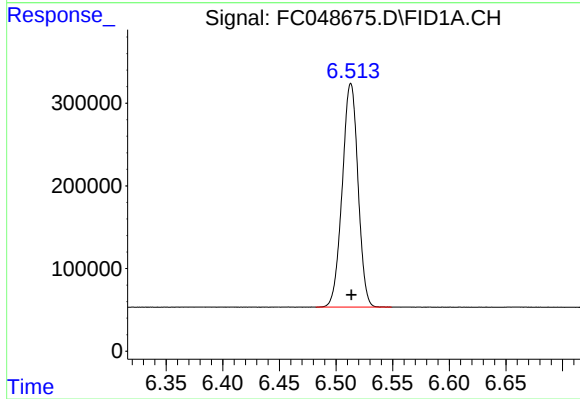
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2579014
Conc: 21.43 ug/ml



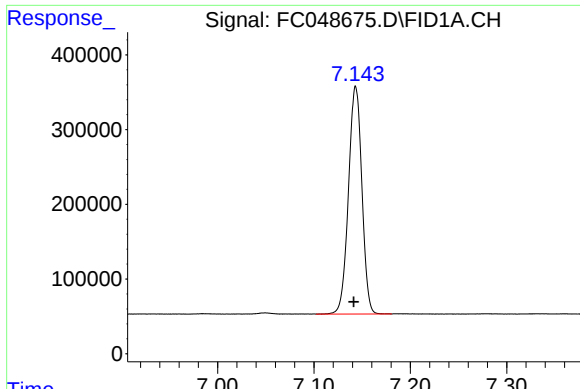
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 2880522
Conc: 21.41 ug/ml



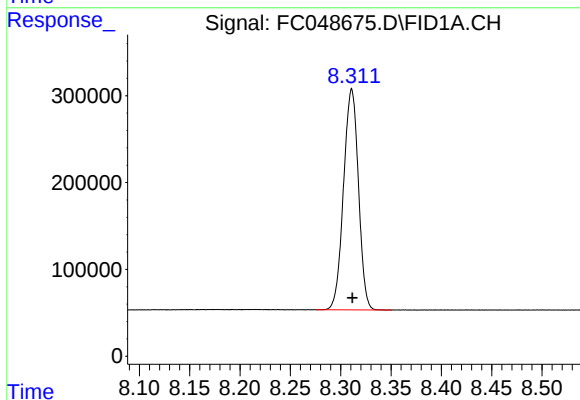
#4 n-Dodecane (C12)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2625435
Conc: 21.46 ug/ml



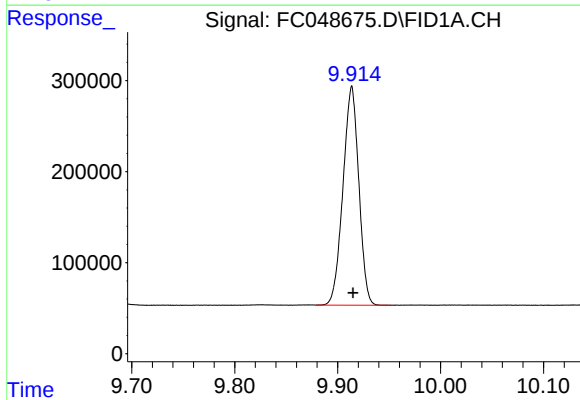
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.002 min
Response: 2931742
Conc: 21.27 ug/ml



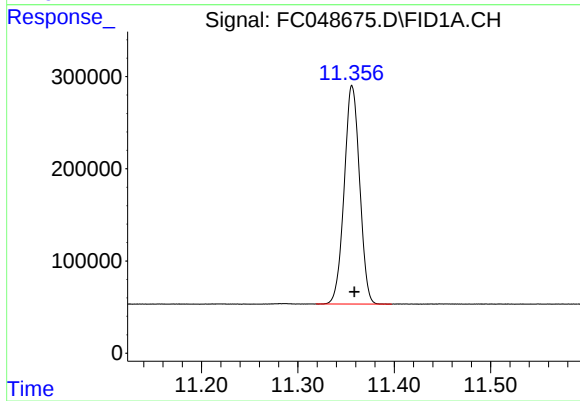
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 2624030
Conc: 21.30 ug/ml



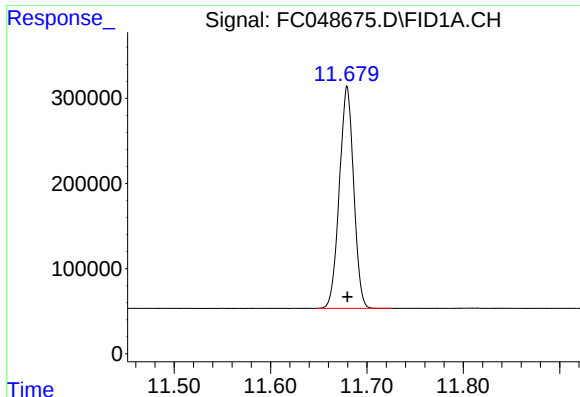
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 2568842
Conc: 20.98 ug/ml



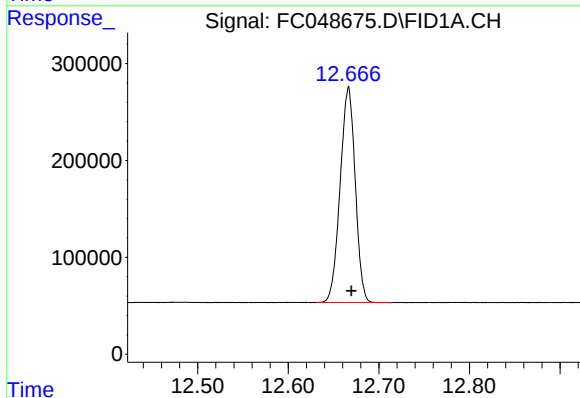
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.002 min
Response: 2620339
Conc: 20.47 ug/ml



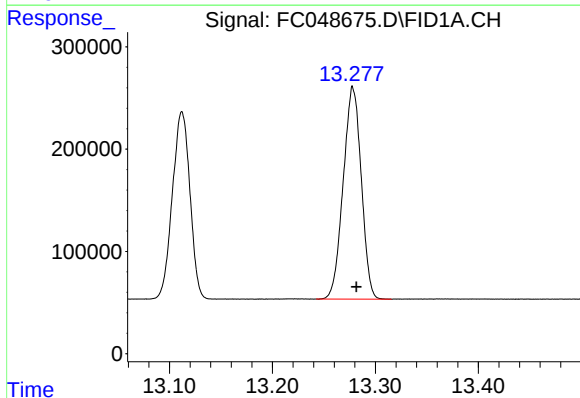
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 2688628
Conc: 19.59 ug/ml



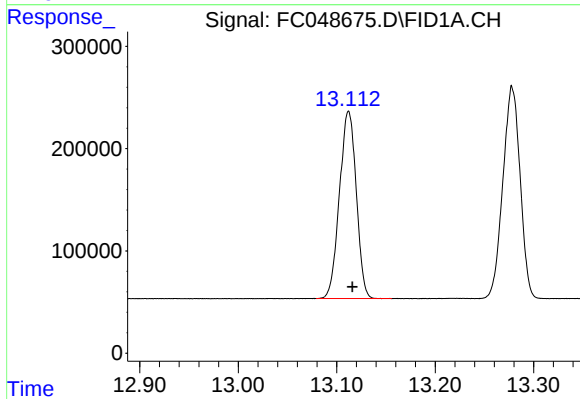
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.003 min
Response: 2572549
Conc: 19.89 ug/ml



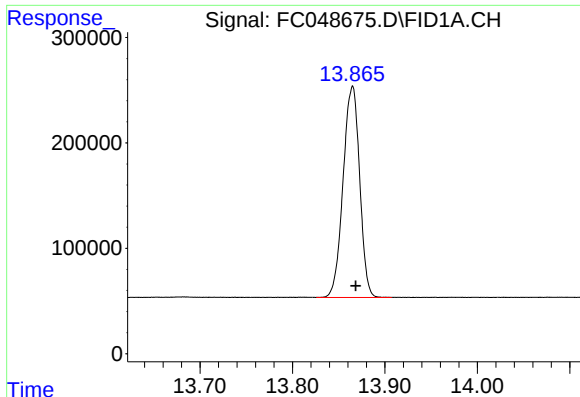
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.003 min
Response: 2530459
Conc: 19.52 ug/ml



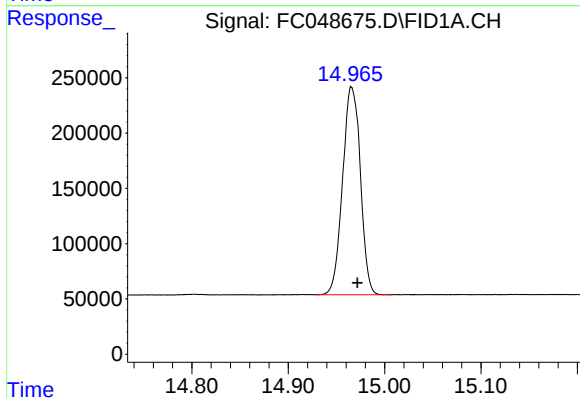
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.004 min
Response: 2173317
Conc: 19.29 ug/ml



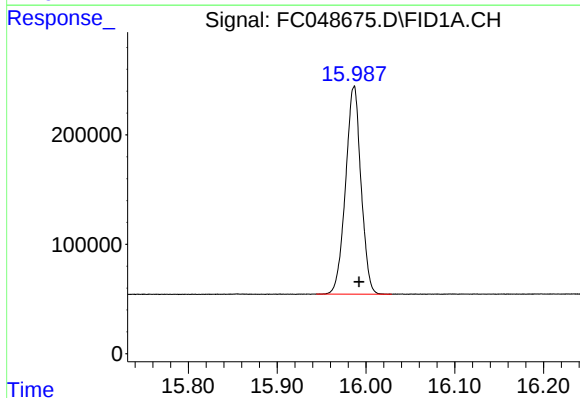
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2491433
Conc: 19.19 ug/ml



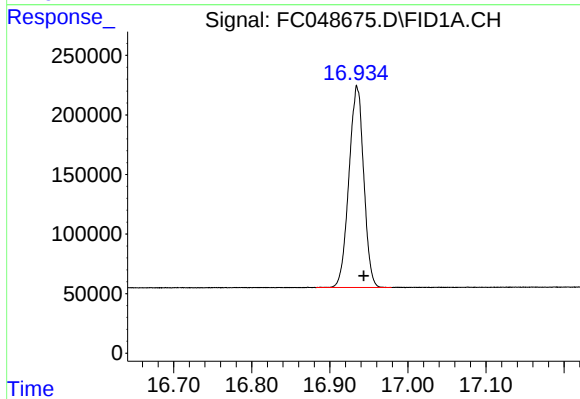
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.006 min
Response: 2404384
Conc: 18.34 ug/ml



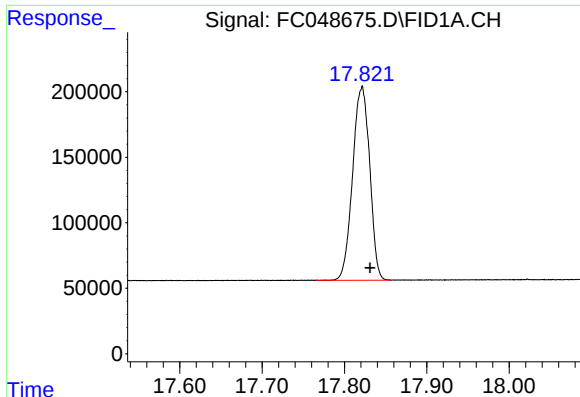
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.006 min
Response: 2294576
Conc: 17.65 ug/ml



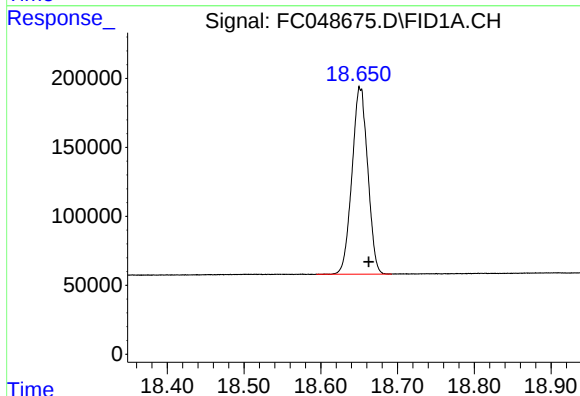
#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.008 min
Response: 2225458
Conc: 17.03 ug/ml



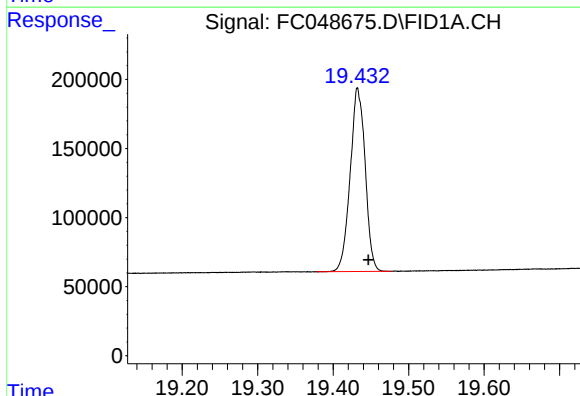
#17 n-Tricontane (C30)

R.T.: 17.821 min
Delta R.T.: -0.010 min
Response: 2127946
Conc: 16.55 ug/ml



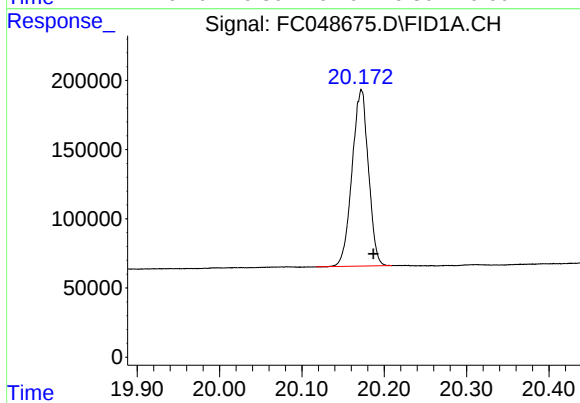
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.011 min
Response: 1932234
Conc: 16.36 ug/ml



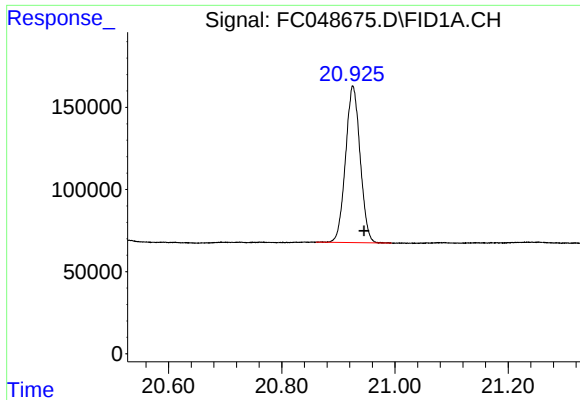
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: -0.014 min
Response: 1830166
Conc: 16.40 ug/ml



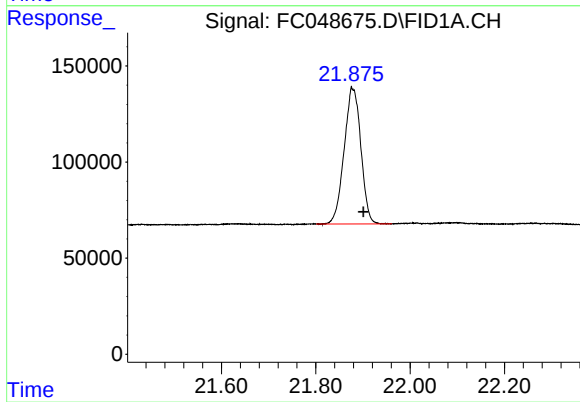
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: -0.014 min
Response: 1757862
Conc: 16.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.926 min
Delta R.T.: -0.020 min
Response: 1703171
Conc: 17.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: -0.025 min
Response: 1746574
Conc: 17.97 ug/ml