

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AL\
 Data File : FD028975.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2019 21:57
 Operator : AJ\SJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 04:13:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 041919.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 19 04:12:07 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

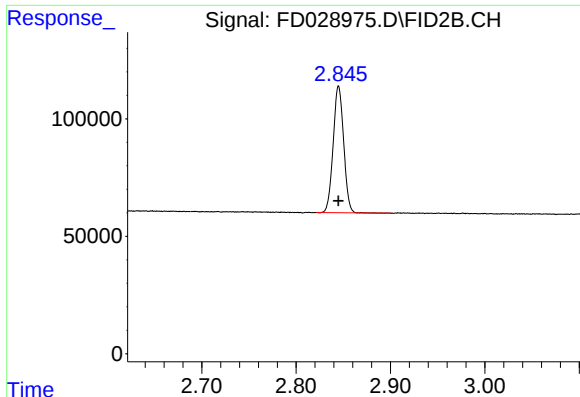
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.994	518679	4.928 ug/ml
Spiked Amount 50.000		Recovery =	9.86%
12) S 1-chlorooctadecane (S...	12.415	435363	5.047 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
Target Compounds			
1) T n-Nonane (C9)	2.845	416991	4.871 ug/ml
2) T n-Decane (C10)	3.865	427470	4.868 ug/ml
3) T A~Naphthalene (C11.7)	5.438	486188	4.887 ug/ml
4) T n-Dodecane (C12)	5.856	434495	4.855 ug/ml
5) T A~2-methylnaphthalene...	6.485	489964	4.833 ug/ml
6) T n-Tetradecane (C14)	7.643	454360	4.862 ug/ml
7) T n-Hexadecane (C16)	9.236	475559	4.905 ug/ml
8) T n-Octadecane (C18)	10.670	532315	5.244 ug/ml
10) T n-Eicosane (C20)	11.972	510595	5.116 ug/ml
11) T n-Heneicosane (C21)	12.579	493194	5.055 ug/ml
13) T n-Docosane (C22)	13.162	500058	5.169 ug/ml
14) T n-Tetracosane (C24)	14.258	507931	5.276 ug/ml
15) T n-Hexacosane (C26)	15.272	507613	5.329 ug/ml
16) T n-Octacosane (C28)	16.216	498872	5.347 ug/ml
17) T n-Tricontane (C30)	17.097	499893	5.457 ug/ml
18) T n-Dotriacontane (C32)	17.923	494036	5.576 ug/ml
19) T n-Tetratriacontane (C34)	18.723	423578	5.503 ug/ml
20) T n-Hexatriacontane (C36)	19.717	356712	5.131 ug/ml
21) T n-Octatriacontane (C38)	21.053	346324	5.323 ug/ml
22) T n-Tetracontane (C40)	22.911	337660	5.198 ug/ml

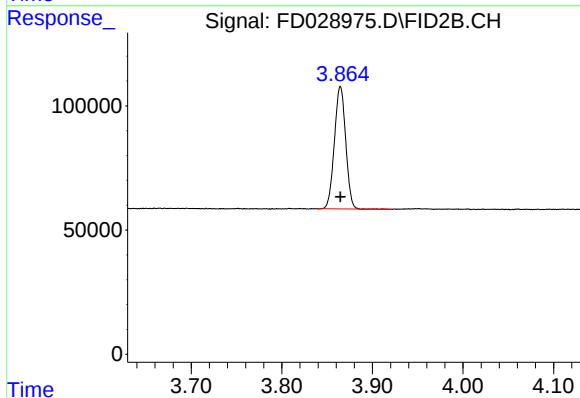
(f)=RT Delta > 1/2 Window

(m)=manual int.



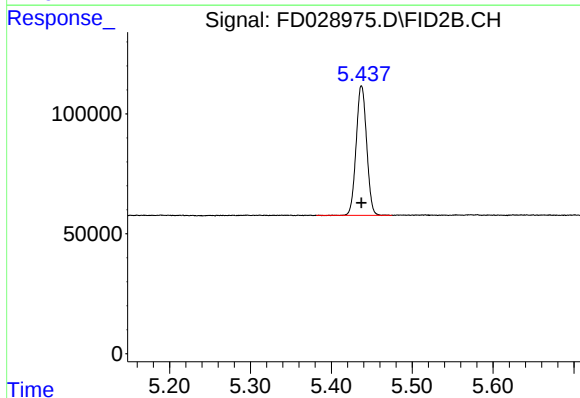
#1 n-Nonane (C9)

R.T.: 2.845 min
Delta R.T.: 0.000 min
Response: 416991
Conc: 4.87 ug/ml



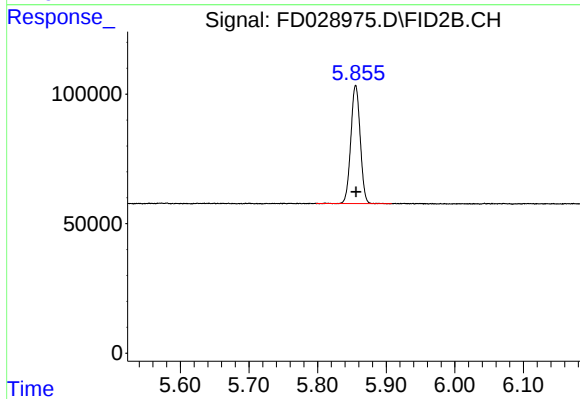
#2 n-Decane (C10)

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 427470
Conc: 4.87 ug/ml



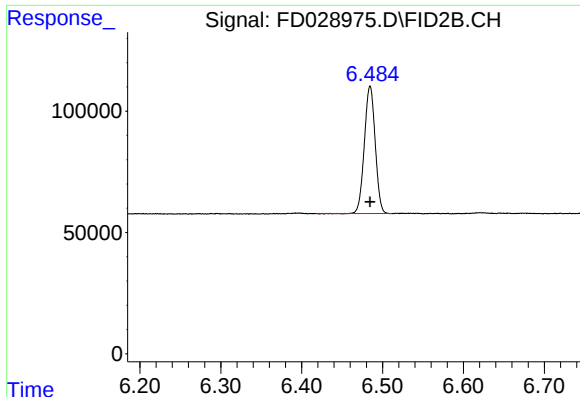
#3 A~Naphthalene (C11.7)

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 486188
Conc: 4.89 ug/ml



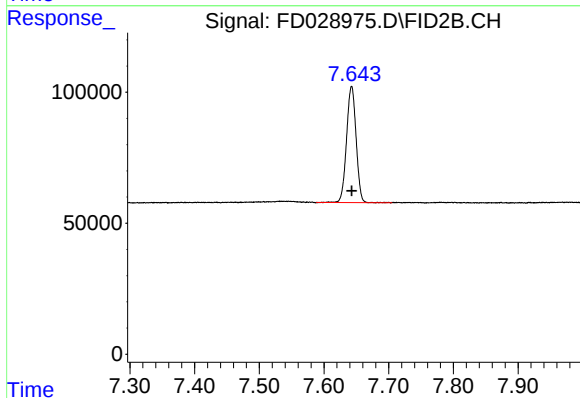
#4 n-Dodecane (C12)

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 434495
Conc: 4.85 ug/ml



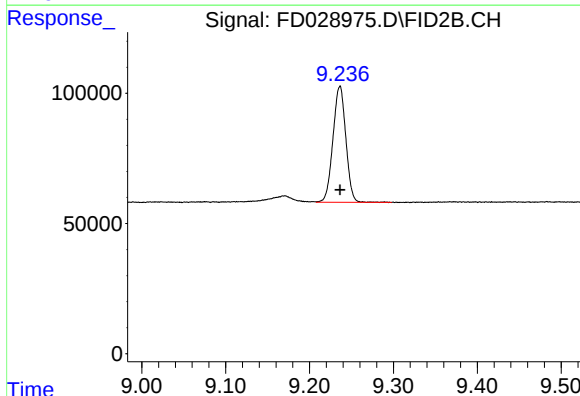
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 489964
Conc: 4.83 ug/ml



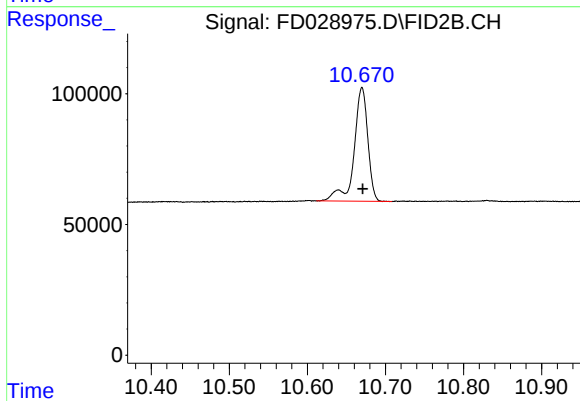
#6 n-Tetradecane (C14)

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 454360
Conc: 4.86 ug/ml



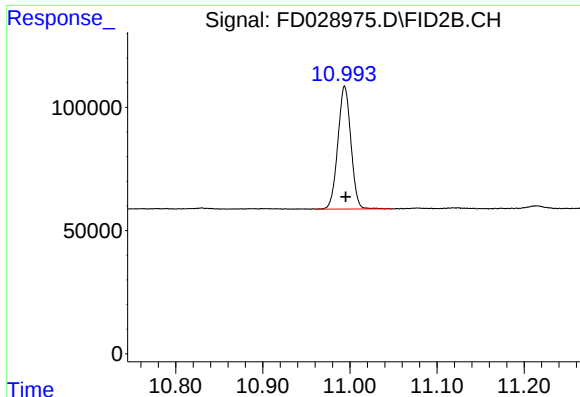
#7 n-Hexadecane (C16)

R.T.: 9.236 min
Delta R.T.: 0.000 min
Response: 475559
Conc: 4.90 ug/ml



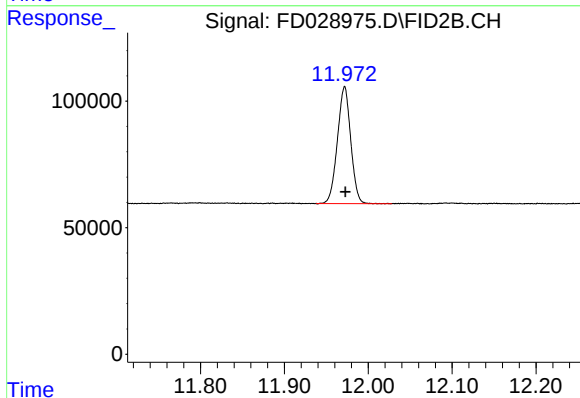
#8 n-Octadecane (C18)

R.T.: 10.670 min
Delta R.T.: 0.000 min
Response: 532315
Conc: 5.24 ug/ml



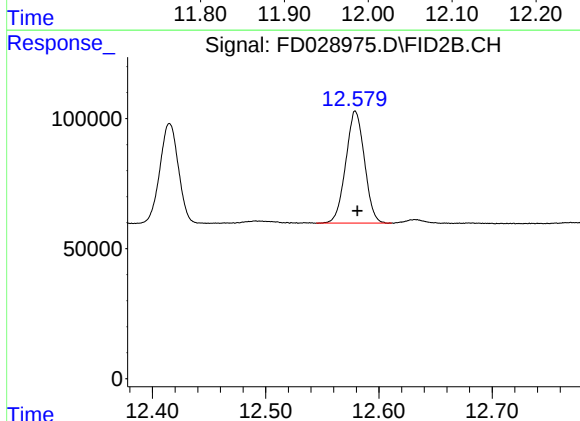
#9 ortho-Terphenyl (SURR)

R.T.: 10.994 min
Delta R.T.: -0.001 min
Response: 518679
Conc: 4.93 ug/ml



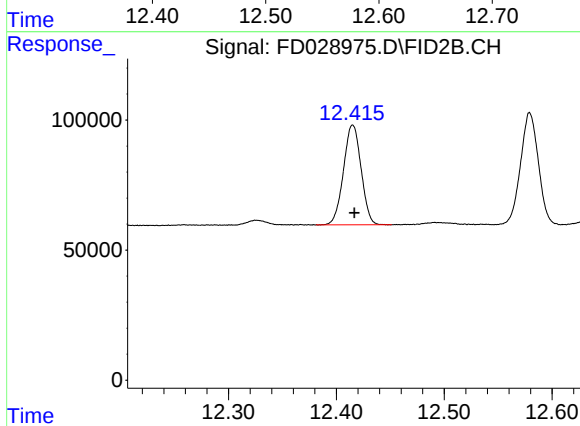
#10 n-Eicosane (C20)

R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 510595
Conc: 5.12 ug/ml



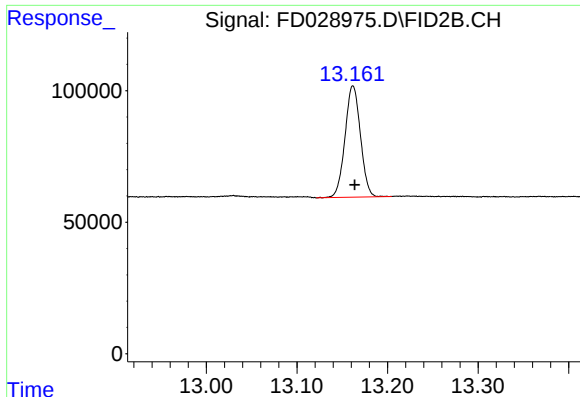
#11 n-Heneicosane (C21)

R.T.: 12.579 min
Delta R.T.: -0.002 min
Response: 493194
Conc: 5.06 ug/ml



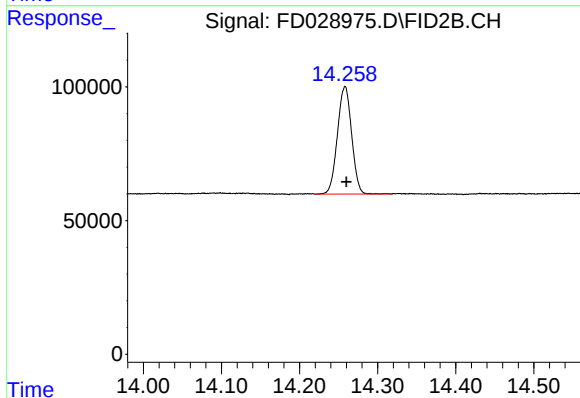
#12 1-chlorooctadecane (SURR)

R.T.: 12.415 min
Delta R.T.: -0.002 min
Response: 435363
Conc: 5.05 ug/ml



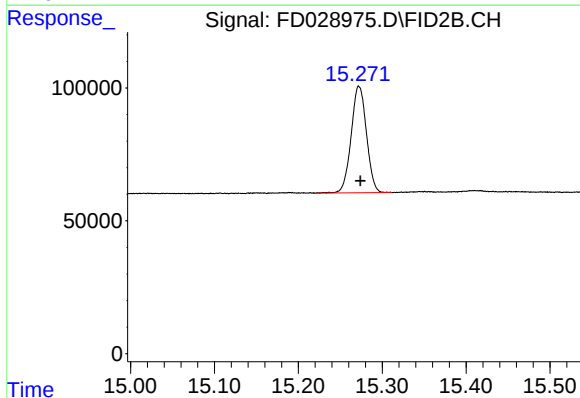
#13 n-Docosane (C22)

R.T.: 13.162 min
Delta R.T.: -0.002 min
Response: 500058
Conc: 5.17 ug/ml



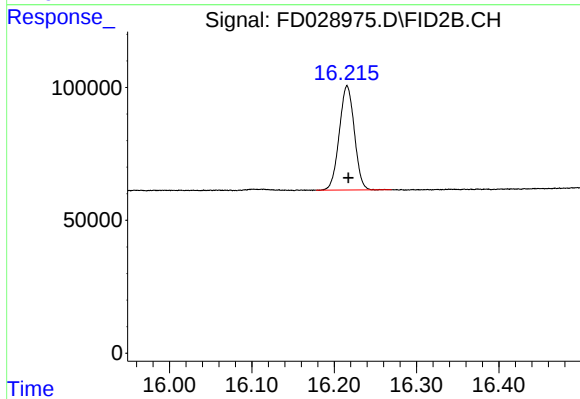
#14 n-Tetracosane (C24)

R.T.: 14.258 min
Delta R.T.: -0.002 min
Response: 507931
Conc: 5.28 ug/ml



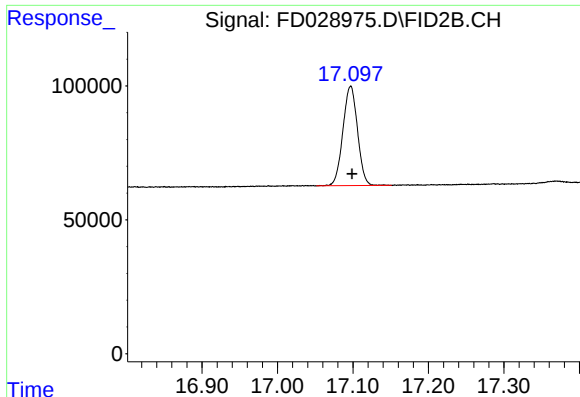
#15 n-Hexacosane (C26)

R.T.: 15.272 min
Delta R.T.: -0.002 min
Response: 507613
Conc: 5.33 ug/ml



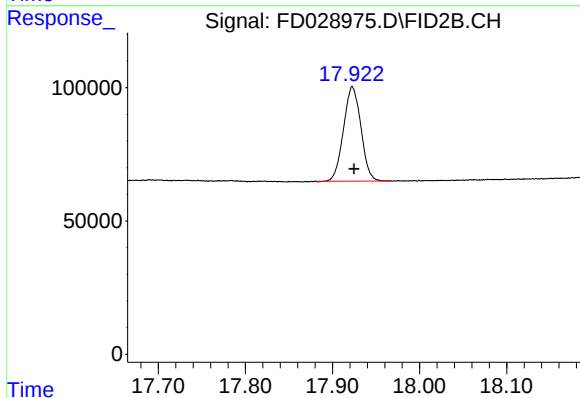
#16 n-Octacosane (C28)

R.T.: 16.216 min
Delta R.T.: -0.001 min
Response: 498872
Conc: 5.35 ug/ml



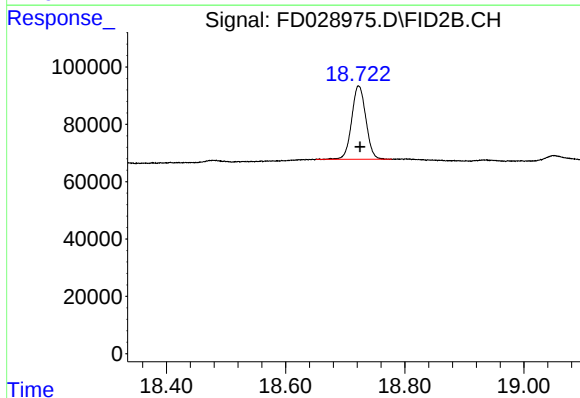
#17 n-Tricontane (C30)

R.T.: 17.097 min
Delta R.T.: -0.002 min
Response: 499893
Conc: 5.46 ug/ml



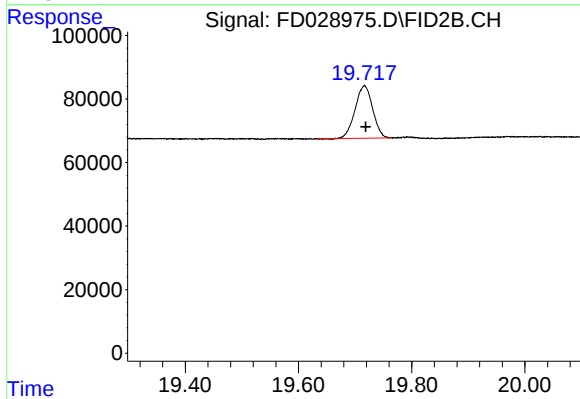
#18 n-Dotriacontane (C32)

R.T.: 17.923 min
Delta R.T.: -0.002 min
Response: 494036
Conc: 5.58 ug/ml



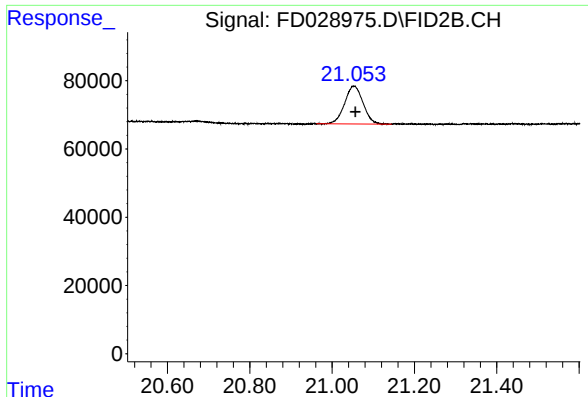
#19 n-Tetratriacontane (C34)

R.T.: 18.723 min
Delta R.T.: -0.002 min
Response: 423578
Conc: 5.50 ug/ml



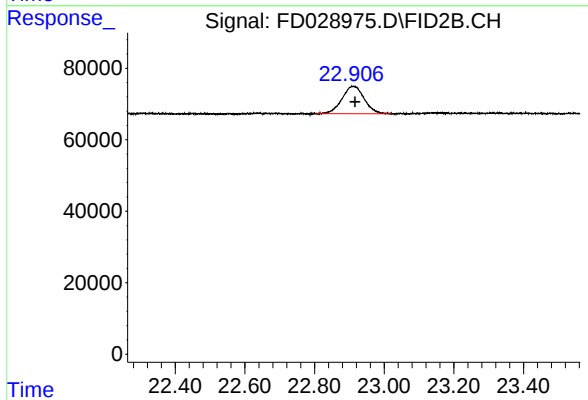
#20 n-Hexatriacontane (C36)

R.T.: 19.717 min
Delta R.T.: -0.003 min
Response: 356712
Conc: 5.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.053 min
Delta R.T.: -0.004 min
Response: 346324
Conc: 5.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.911 min
Delta R.T.: -0.005 min
Response: 337660
Conc: 5.20 ug/ml