

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070220AL\
 Data File : FD033882.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jul 2020 2:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 06:19:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:06:59 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)	11.455	2816903	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	12.885	2254493	19.174 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.276	2671839	21.675 ug/ml
2) T n-Decane (C10)	4.333	2739415	22.012 ug/ml
3) T A~Naphthalene (C11.7)	5.906	2855875	22.036 ug/ml
4) T n-Dodecane (C12)	6.335	2801539	21.957 ug/ml
5) T A~2-methylnaphthalene...	6.955	2894026	21.752 ug/ml
6) T n-Tetradecane (C14)	8.118	2777675	21.546 ug/ml
7) T n-Hexadecane (C16)	9.709	2686504	21.169 ug/ml
8) T n-Octadecane (C18)	11.142	2723825	20.388 ug/ml
10) T n-Eicosane (C20)	12.443	2669416	19.608 ug/ml
11) T n-Heneicosane (C21)	13.052	2625012	19.229 ug/ml
13) T n-Docosane (C22)	13.635	2579708	18.887 ug/ml
14) T n-Tetracosane (C24)	14.732	2491359	18.226 ug/ml
15) T n-Hexacosane (C26)	15.746	2400542	17.702 ug/ml
16) T n-Octacosane (C28)	16.691	2369498	17.494 ug/ml
17) T n-Tricontane (C30)	17.574	2332277	17.636 ug/ml
18) T n-Dotriacontane (C32)	18.402	2147594	17.705 ug/ml
19) T n-Tetratriacontane (C34)	19.182	2006925	17.623 ug/ml
20) T n-Hexatriacontane (C36)	19.917	1934734	18.158 ug/ml
21) T n-Octatriacontane (C38)	20.625	1915480	19.285 ug/ml
22) T n-Tetracontane (C40)	21.464	1892748	19.333 ug/ml

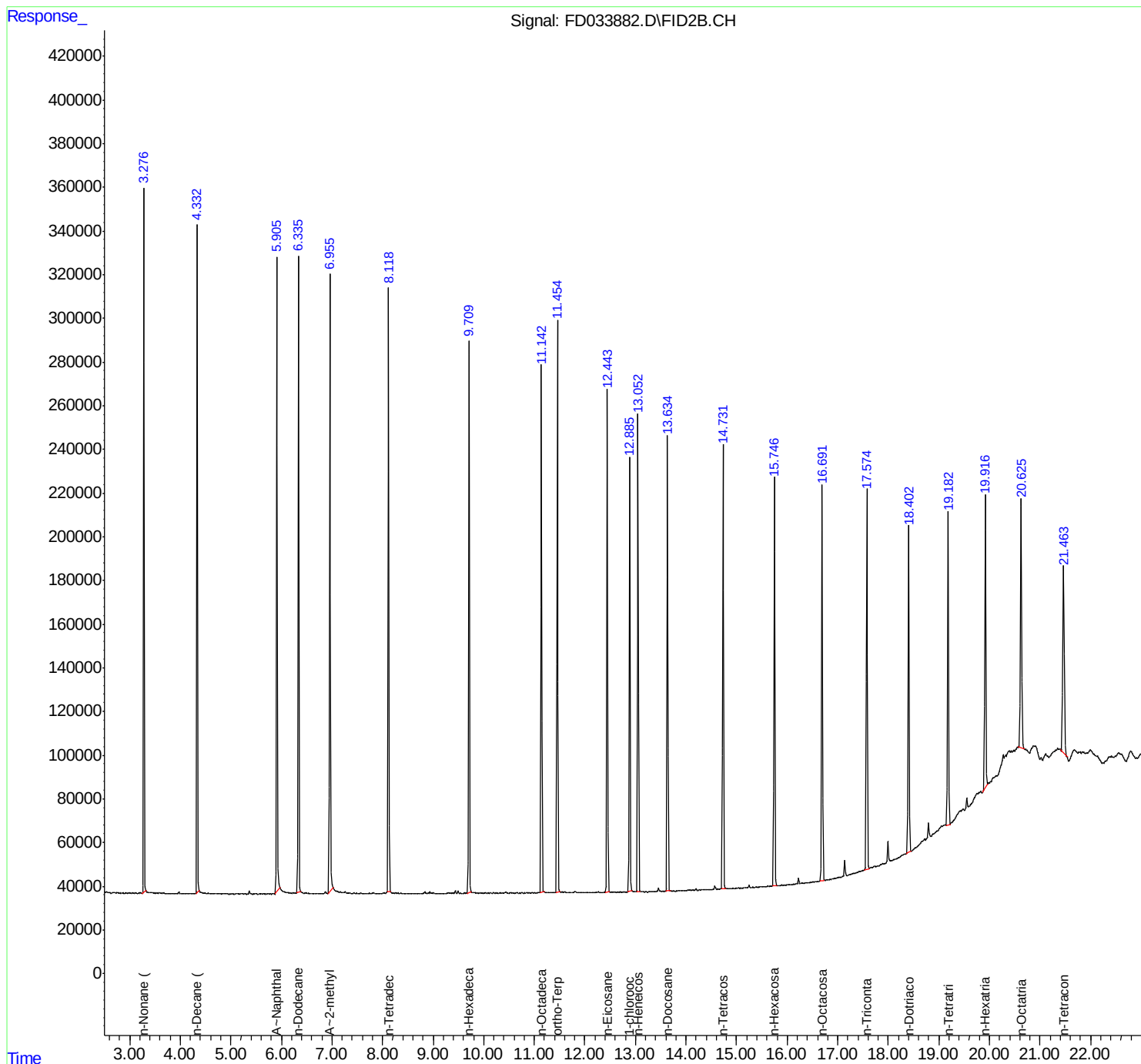
(f)=RT Delta > 1/2 Window

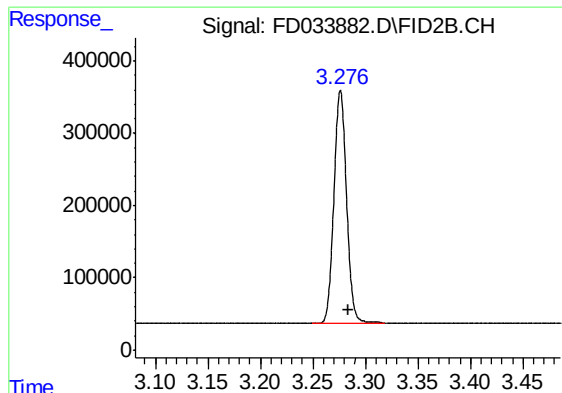
(m)=manual int.

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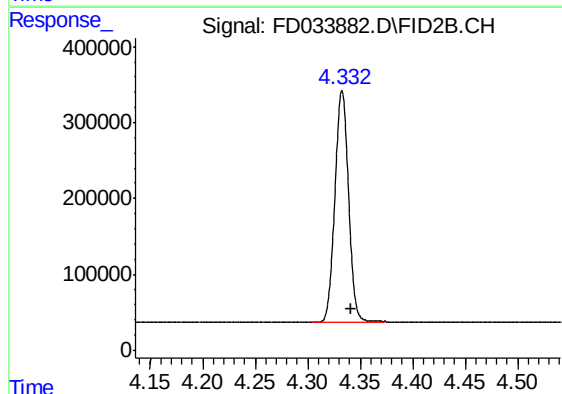
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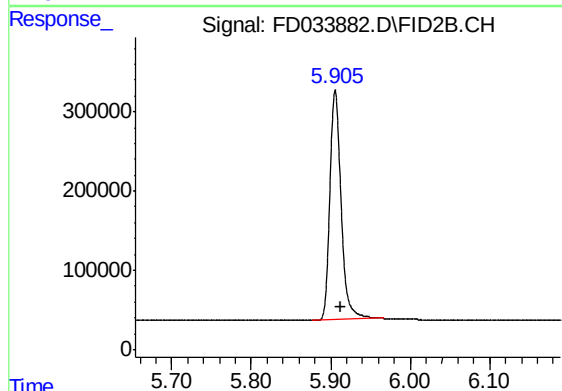
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.008 min
Response: 2671839
Conc: 21.68 ug/ml



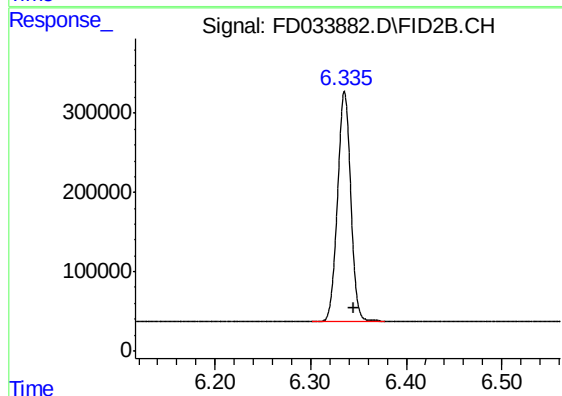
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.009 min
Response: 2739415
Conc: 22.01 ug/ml



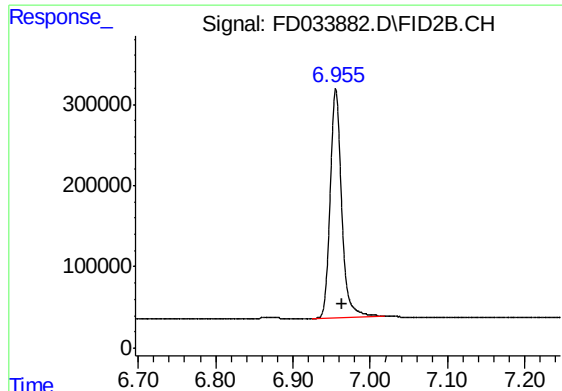
#3 A~Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.008 min
Response: 2855875
Conc: 22.04 ug/ml



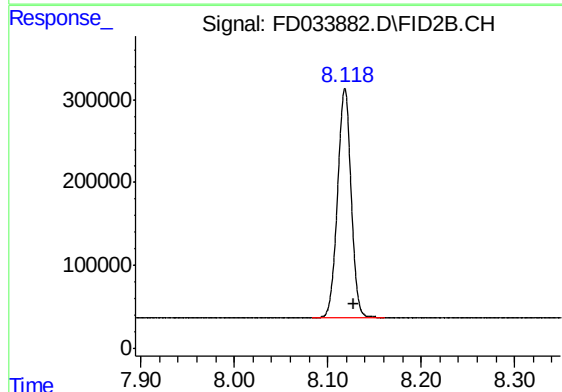
#4 n-Dodecane (C12)

R.T.: 6.335 min
Delta R.T.: -0.010 min
Response: 2801539
Conc: 21.96 ug/ml



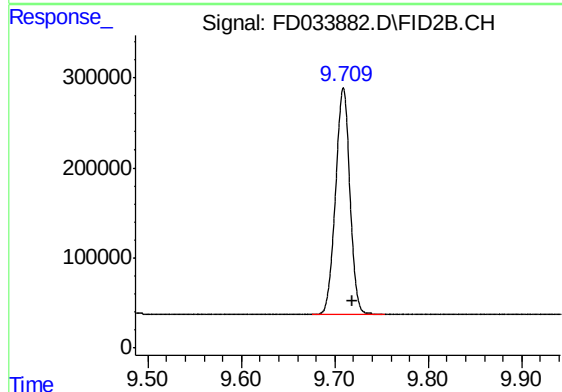
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.009 min
Response: 2894026
Conc: 21.75 ug/ml



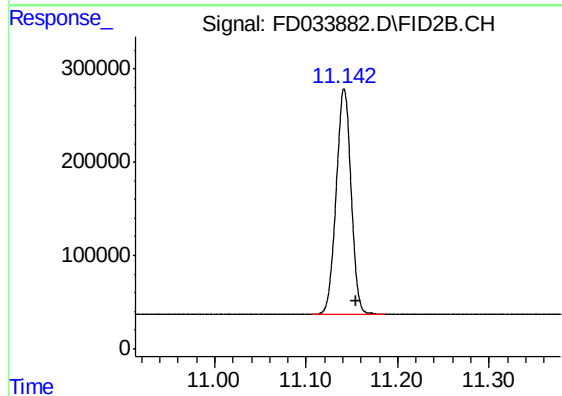
#6 n-Tetradecane (C14)

R.T.: 8.118 min
Delta R.T.: -0.010 min
Response: 2777675
Conc: 21.55 ug/ml



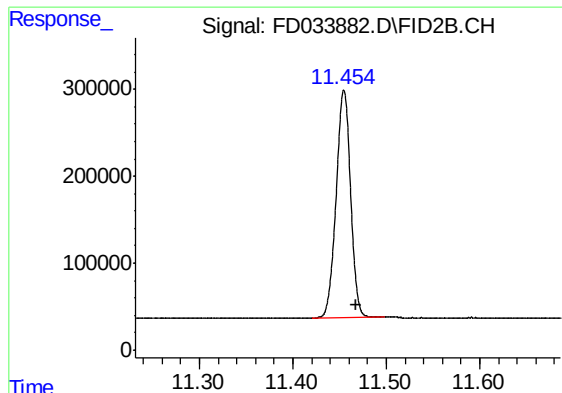
#7 n-Hexadecane (C16)

R.T.: 9.709 min
Delta R.T.: -0.010 min
Response: 2686504
Conc: 21.17 ug/ml



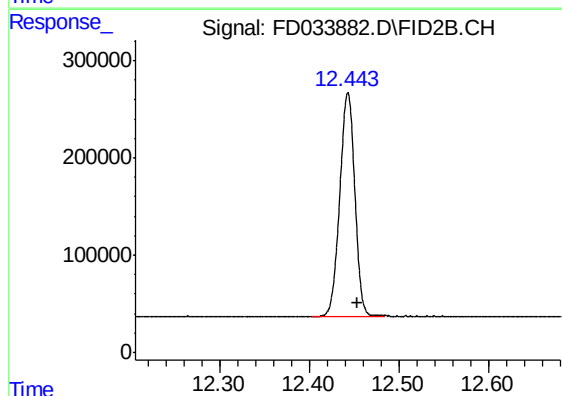
#8 n-Octadecane (C18)

R.T.: 11.142 min
Delta R.T.: -0.013 min
Response: 2723825
Conc: 20.39 ug/ml



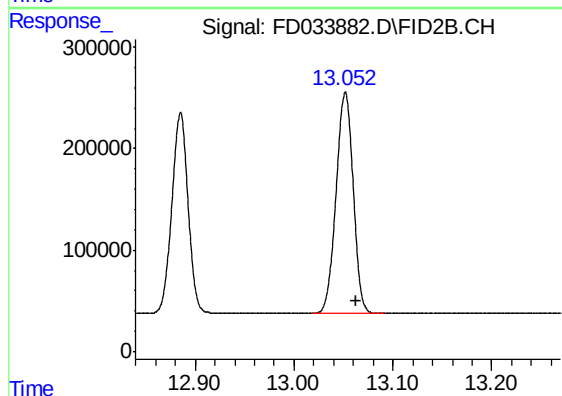
#9 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.013 min
Response: 2816903
Conc: 19.71 ug/ml



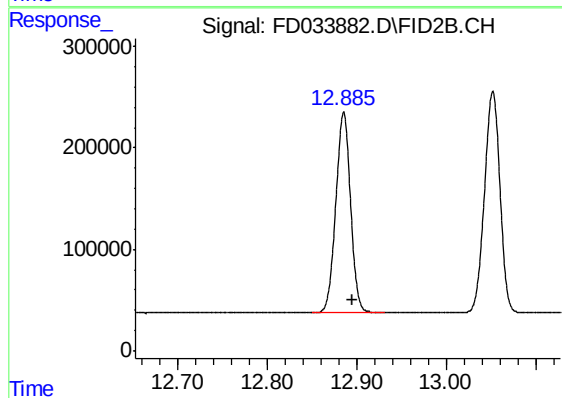
#10 n-Eicosane (C20)

R.T.: 12.443 min
Delta R.T.: -0.011 min
Response: 2669416
Conc: 19.61 ug/ml



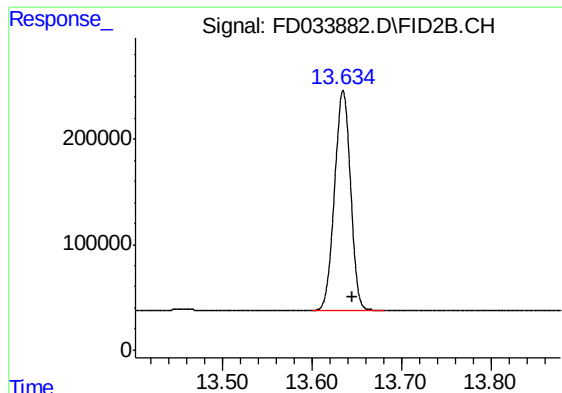
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.011 min
Response: 2625012
Conc: 19.23 ug/ml



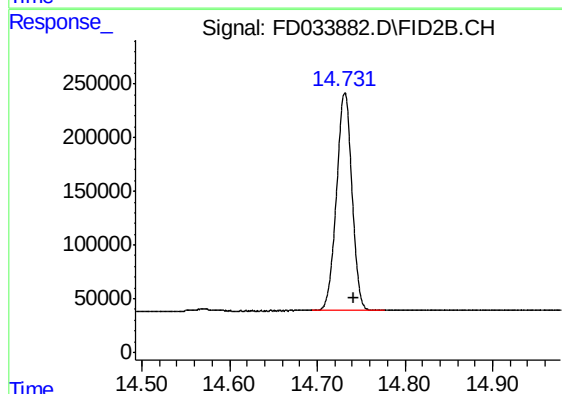
#12 1-chlorooctadecane (SURR)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2254493
Conc: 19.17 ug/ml



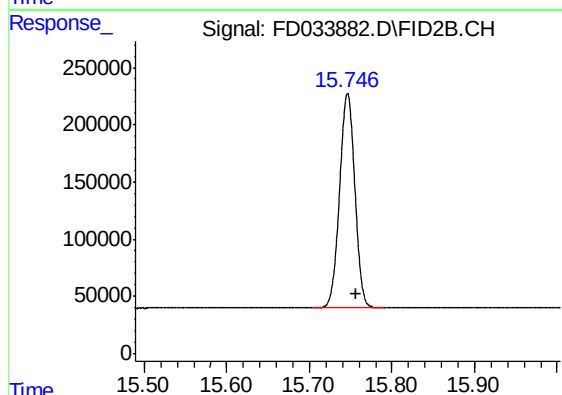
#13 n-Docosane (C22)

R.T.: 13.635 min
Delta R.T.: -0.011 min
Response: 2579708
Conc: 18.89 ug/ml



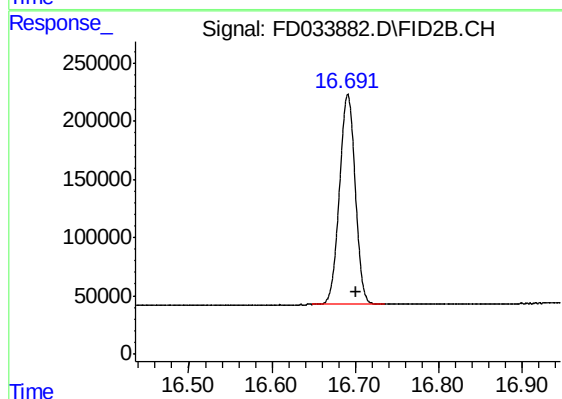
#14 n-Tetracosane (C24)

R.T.: 14.732 min
Delta R.T.: -0.010 min
Response: 2491359
Conc: 18.23 ug/ml



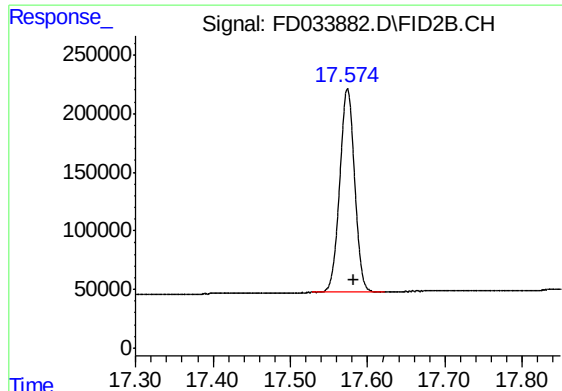
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: -0.010 min
Response: 2400542
Conc: 17.70 ug/ml



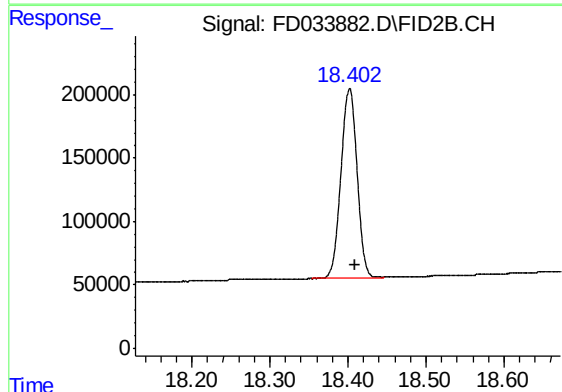
#16 n-Octacosane (C28)

R.T.: 16.691 min
Delta R.T.: -0.010 min
Response: 2369498
Conc: 17.49 ug/ml



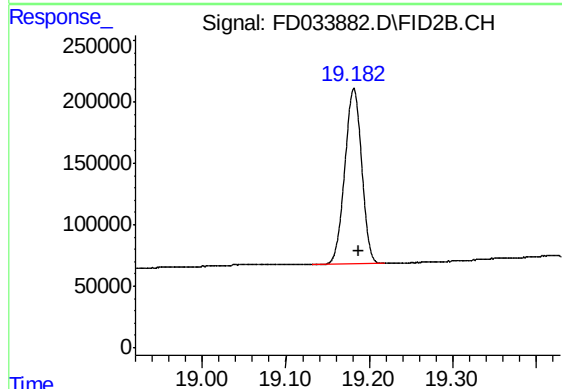
#17 n-Tricontane (C30)

R.T.: 17.574 min
Delta R.T.: -0.008 min
Response: 2332277
Conc: 17.64 ug/ml



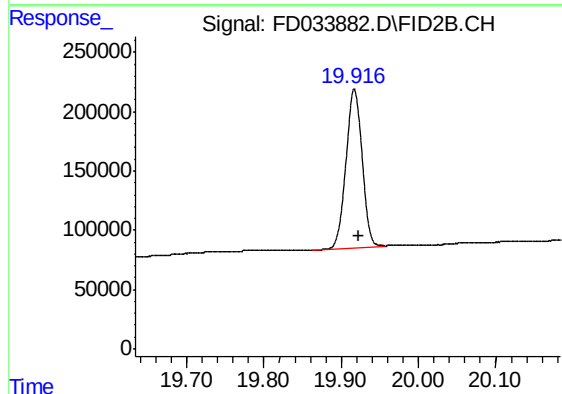
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.006 min
Response: 2147594
Conc: 17.70 ug/ml



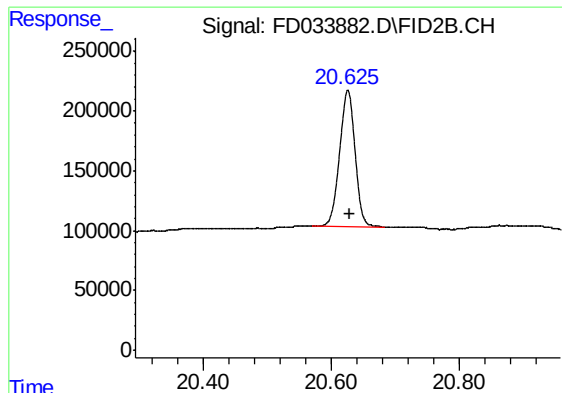
#19 n-Tetatriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.006 min
Response: 2006925
Conc: 17.62 ug/ml



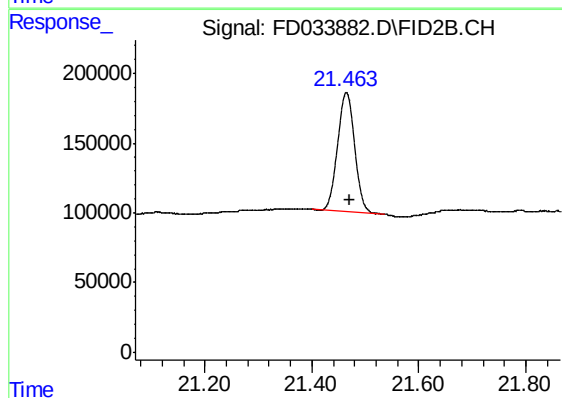
#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.005 min
Response: 1934734
Conc: 18.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.004 min
Response: 1915480
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: -0.007 min
Response: 1892748
Conc: 19.33 ug/ml