

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050321AL\
 Data File : FD037307.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2021 3:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 04 04:39:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

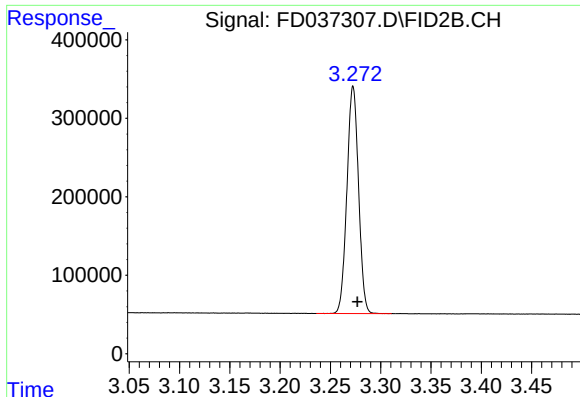
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.480	2210452	18.931 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	12.914	1661738	19.642 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.273	2327096	19.750 ug/ml
2) T n-Decane (C10)	4.335	2348216	19.800 ug/ml
3) T A~Naphthalene (C11.7)	5.911	2564213	19.540 ug/ml
4) T n-Dodecane (C12)	6.346	2357069	19.849 ug/ml
5) T A~2-methylnaphthalene...	6.965	2554733	19.483 ug/ml
6) T n-Tetradecane (C14)	8.136	2292336	19.803 ug/ml
7) T n-Hexadecane (C16)	9.731	2155329	19.604 ug/ml
8) T n-Octadecane (C18)	11.168	2123311	19.365 ug/ml
10) T n-Eicosane (C20)	12.473	2034094	19.176 ug/ml
11) T n-Heneicosane (C21)	13.082	1995968	18.999 ug/ml
13) T n-Docosane (C22)	13.666	1963689	19.102 ug/ml
14) T n-Tetracosane (C24)	14.764	1930077	19.054 ug/ml
15) T n-Hexacosane (C26)	15.780	1906193	19.517 ug/ml
16) T n-Octacosane (C28)	16.727	1927488	20.052 ug/ml
17) T n-Tricontane (C30)	17.609	1965479	20.438 ug/ml
18) T n-Dotriacontane (C32)	18.437	1977004	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.216	1953796	20.584 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1880042	19.963 ug/ml
21) T n-Octatriacontane (C38)	20.664	1830847	21.266 ug/ml
22) T n-Tetracontane (C40)	21.514	1852363	19.306 ug/ml

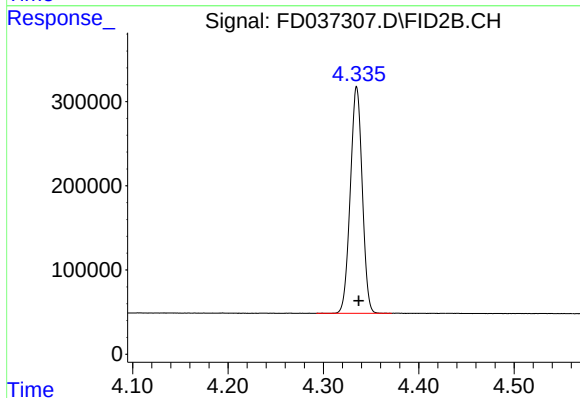
(f)=RT Delta > 1/2 Window

(m)=manual int.



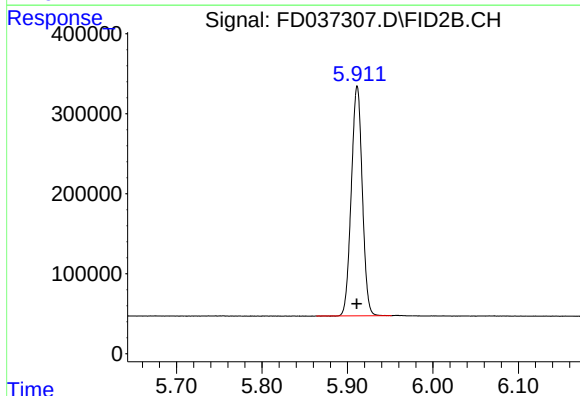
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 2327096
Conc: 19.75 ug/ml



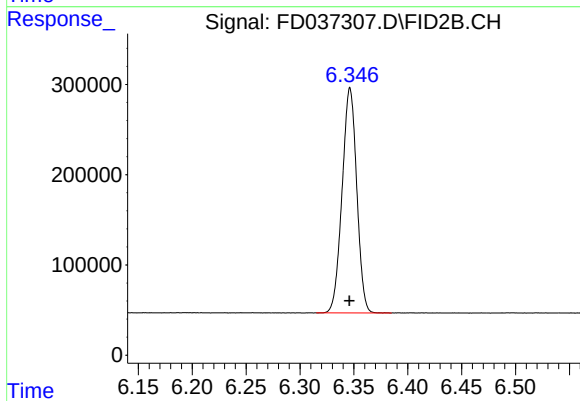
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 2348216
Conc: 19.80 ug/ml



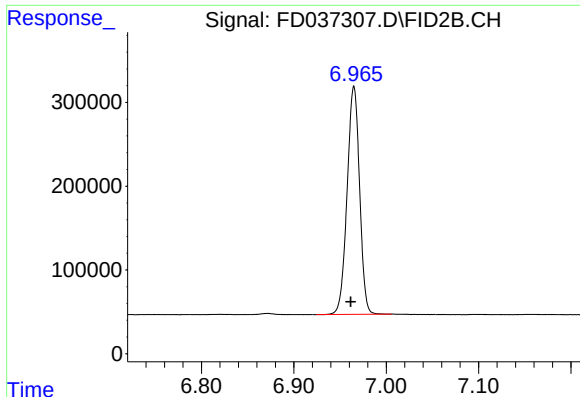
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 2564213
Conc: 19.54 ug/ml



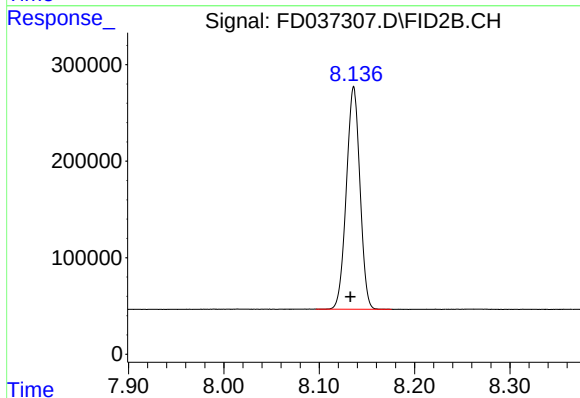
#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 2357069
Conc: 19.85 ug/ml



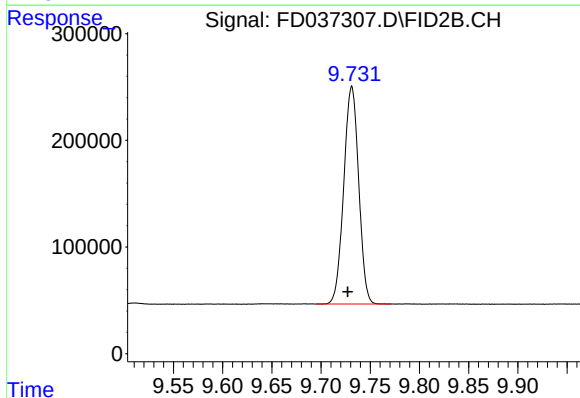
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.003 min
Response: 2554733
Conc: 19.48 ug/ml



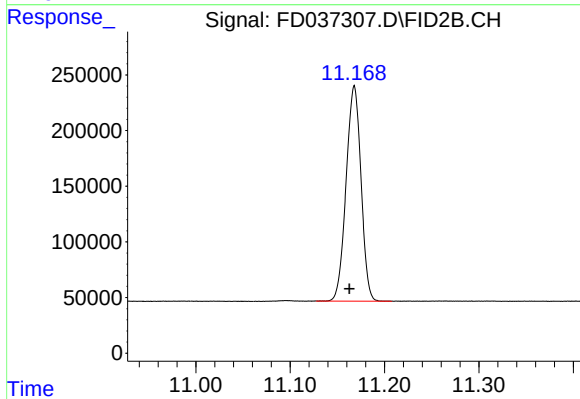
#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: 0.003 min
Response: 2292336
Conc: 19.80 ug/ml



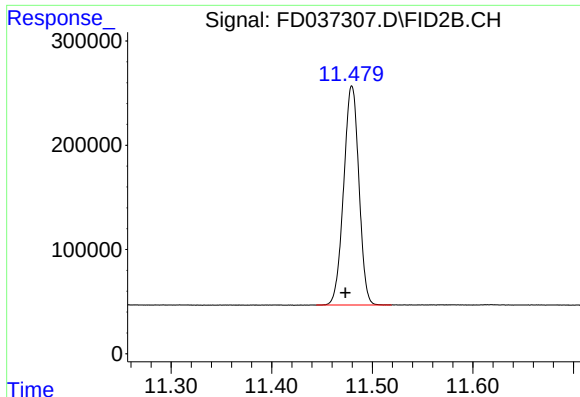
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: 0.004 min
Response: 2155329
Conc: 19.60 ug/ml



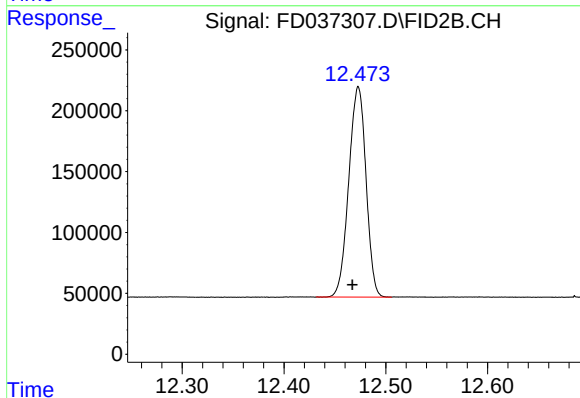
#8 n-Octadecane (C18)

R.T.: 11.168 min
Delta R.T.: 0.005 min
Response: 2123311
Conc: 19.37 ug/ml



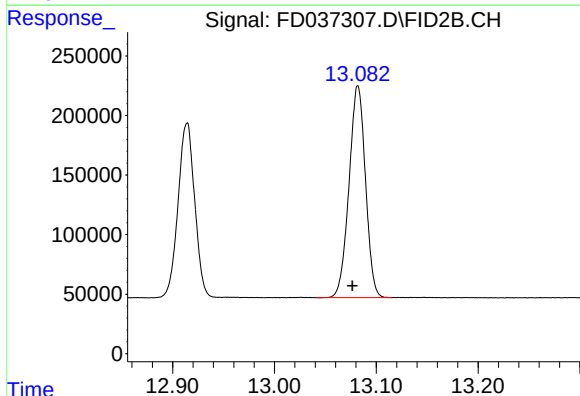
#9 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: 0.006 min
Response: 2210452
Conc: 18.93 ug/ml



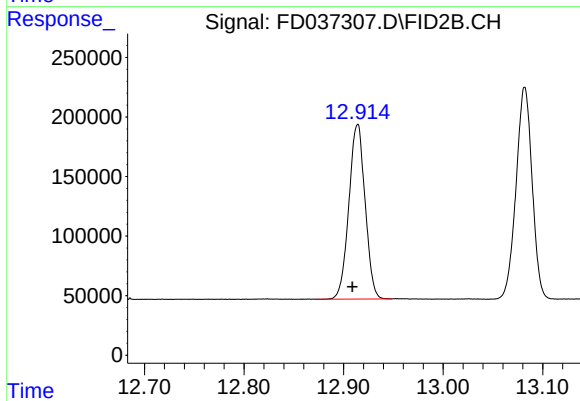
#10 n-Eicosane (C20)

R.T.: 12.473 min
Delta R.T.: 0.006 min
Response: 2034094
Conc: 19.18 ug/ml



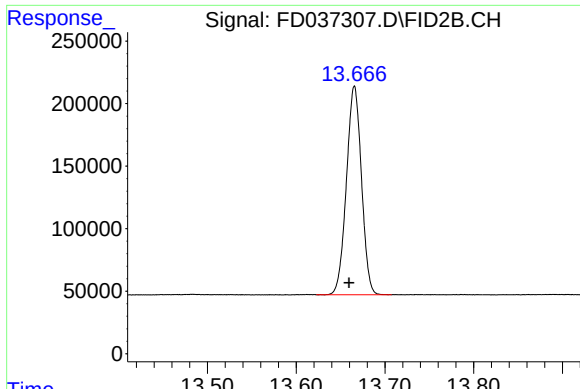
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: 0.006 min
Response: 1995968
Conc: 19.00 ug/ml



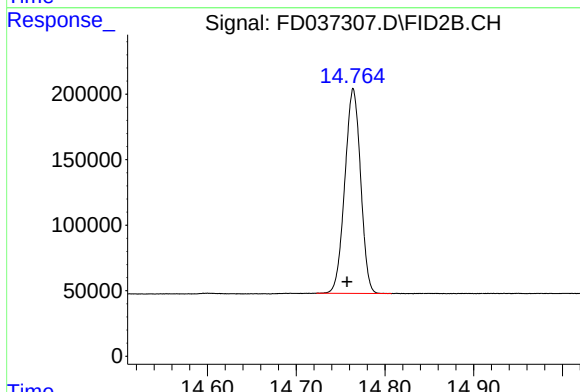
#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: 0.005 min
Response: 1661738
Conc: 19.64 ug/ml



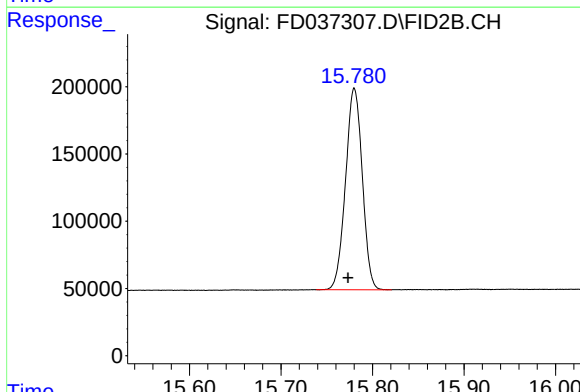
#13 n-Docosane (C22)

R.T.: 13.666 min
Delta R.T.: 0.006 min
Response: 1963689
Conc: 19.10 ug/ml



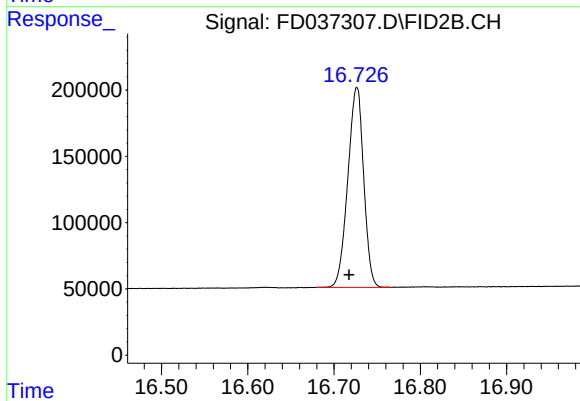
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: 0.007 min
Response: 1930077
Conc: 19.05 ug/ml



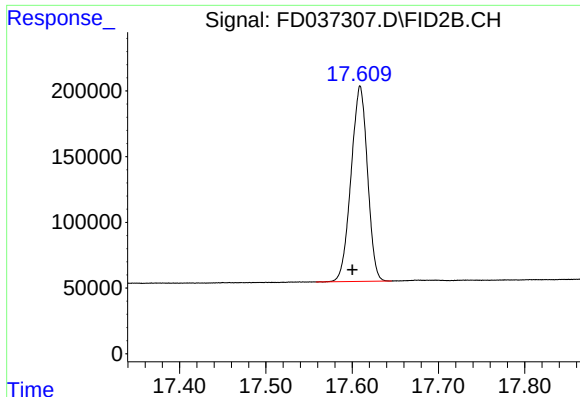
#15 n-Hexacosane (C26)

R.T.: 15.780 min
Delta R.T.: 0.007 min
Response: 1906193
Conc: 19.52 ug/ml



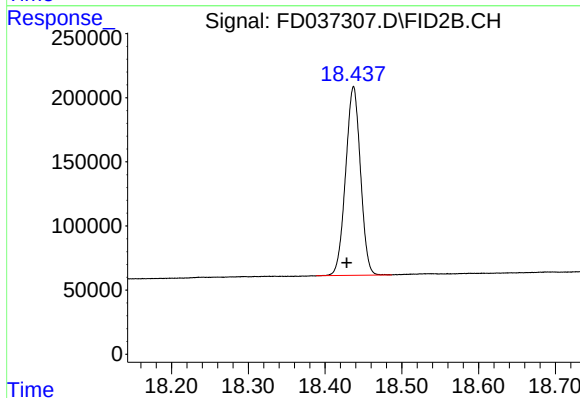
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: 0.009 min
Response: 1927488
Conc: 20.05 ug/ml



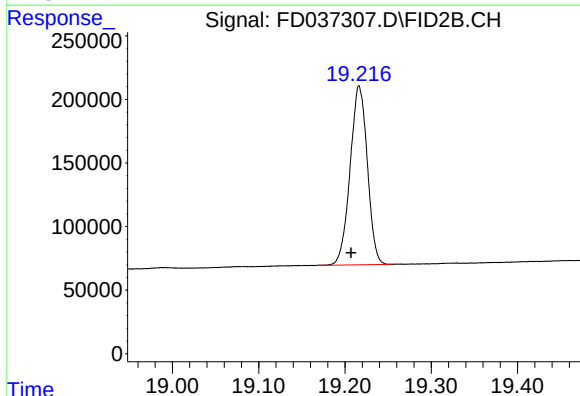
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: 0.009 min
Response: 1965479
Conc: 20.44 ug/ml



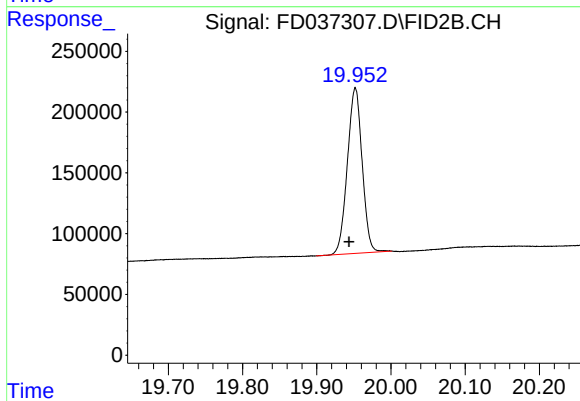
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: 0.009 min
Response: 1977004
Conc: 20.10 ug/ml



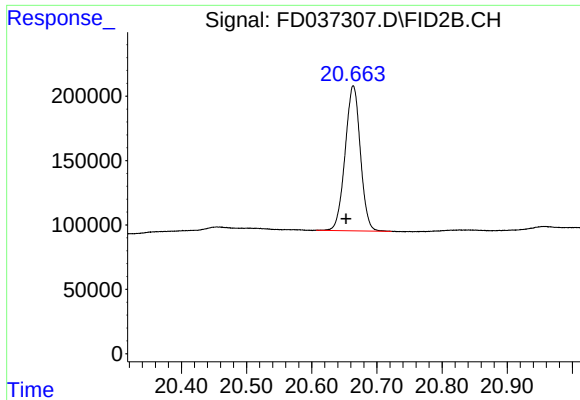
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: 0.009 min
Response: 1953796
Conc: 20.58 ug/ml



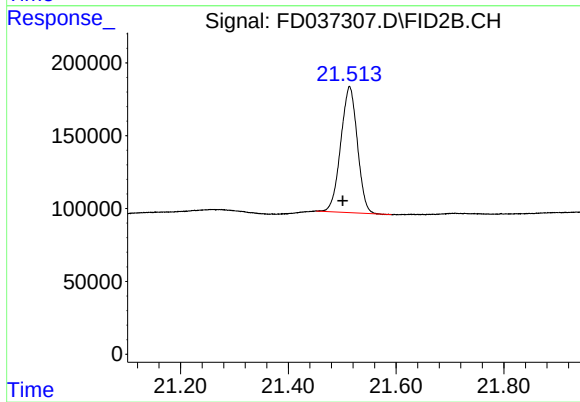
#20 n-Hexatriacontane (C36)

R.T.: 19.952 min
Delta R.T.: 0.009 min
Response: 1880042
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.664 min
Delta R.T.: 0.011 min
Response: 1830847
Conc: 21.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.514 min
Delta R.T.: 0.013 min
Response: 1852363
Conc: 19.31 ug/ml