

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012720AL\
 Data File : FD032189.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jan 2020 2:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 28 04:38:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

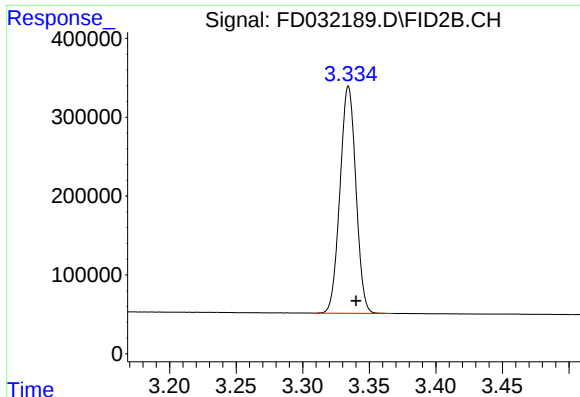
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.541	2503140	18.119 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	12.973	1922500	17.649 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.334	2399136	20.412 ug/ml
2) T n-Decane (C10)	4.399	2423306	20.570 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2699219	20.402 ug/ml
4) T n-Dodecane (C12)	6.409	2449015	20.577 ug/ml
5) T A~2-methylnaphthalene...	7.030	2702163	20.159 ug/ml
6) T n-Tetradecane (C14)	8.196	2438269	20.090 ug/ml
7) T n-Hexadecane (C16)	9.790	2413441	19.472 ug/ml
8) T n-Octadecane (C18)	11.225	2384400	18.882 ug/ml
10) T n-Eicosane (C20)	12.530	2335577	18.304 ug/ml
11) T n-Heneicosane (C21)	13.140	2310984	17.941 ug/ml
13) T n-Docosane (C22)	13.724	2355959	18.313 ug/ml
14) T n-Tetracosane (C24)	14.822	2466238	18.992 ug/ml
15) T n-Hexacosane (C26)	15.839	2497060	19.374 ug/ml
16) T n-Octacosane (C28)	16.785	2524006	19.801 ug/ml
17) T n-Tricontane (C30)	17.669	2519814	20.555 ug/ml
18) T n-Dotriacontane (C32)	18.497	2210860	21.119 ug/ml
19) T n-Tetratriacontane (C34)	19.277	1754653	19.841 ug/ml
20) T n-Hexatriacontane (C36)	20.013	1539878	19.539 ug/ml
21) T n-Octatriacontane (C38)	20.733	1361862	18.469 ug/ml
22) T n-Tetracontane (C40)	21.605	1423727	18.811 ug/ml

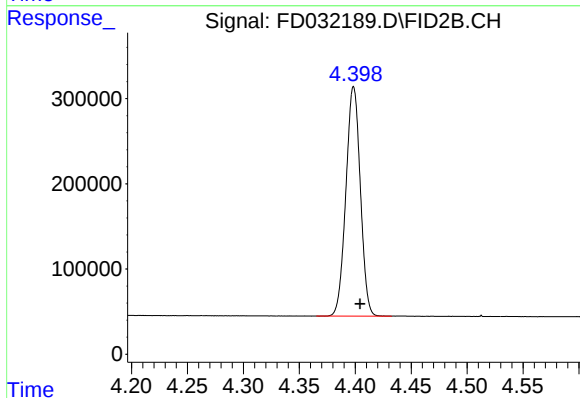
(f)=RT Delta > 1/2 Window

(m)=manual int.



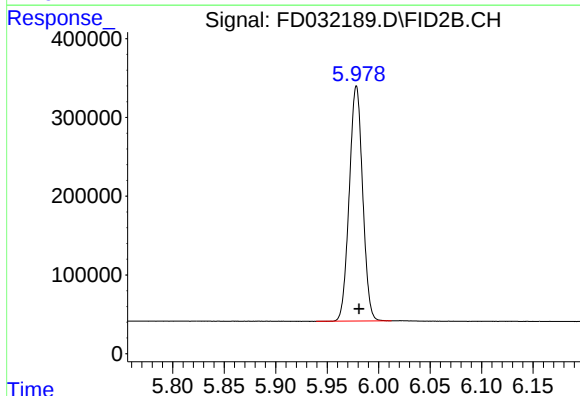
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2399136
Conc: 20.41 ug/ml



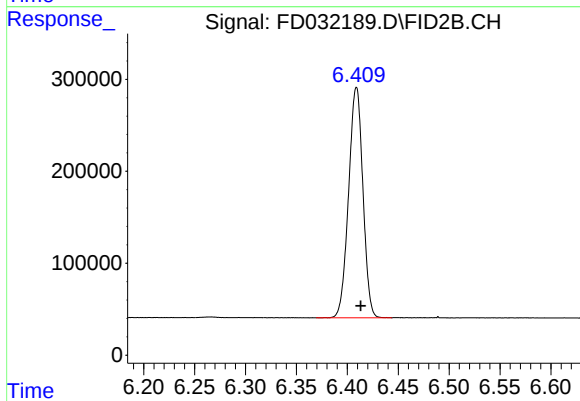
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.006 min
Response: 2423306
Conc: 20.57 ug/ml



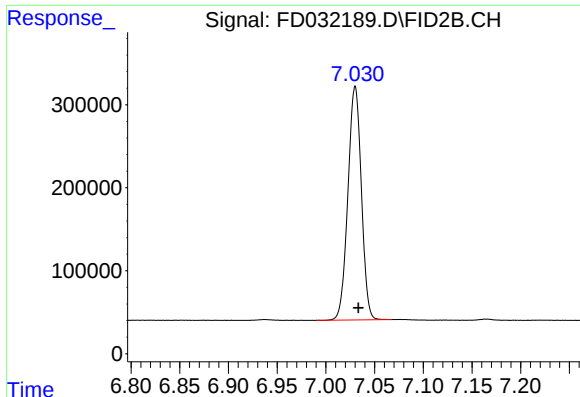
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2699219
Conc: 20.40 ug/ml



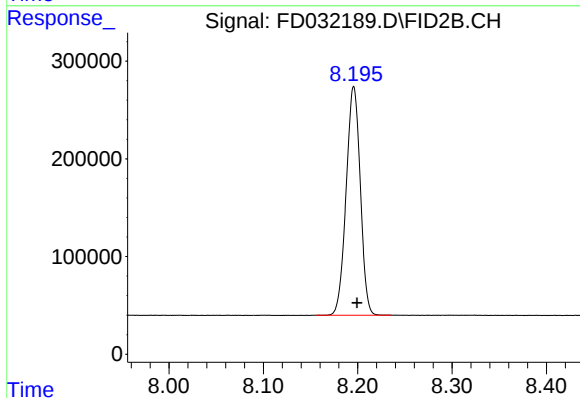
#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: -0.004 min
Response: 2449015
Conc: 20.58 ug/ml



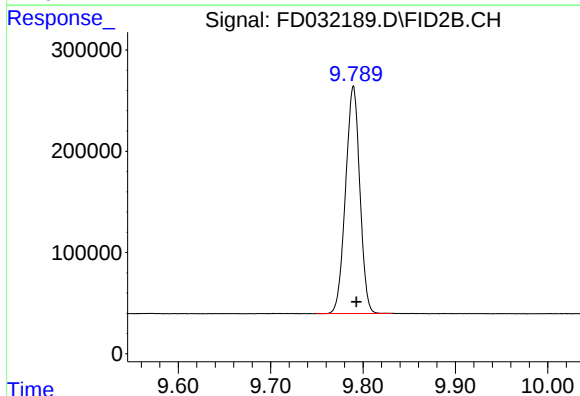
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.003 min
Response: 2702163
Conc: 20.16 ug/ml



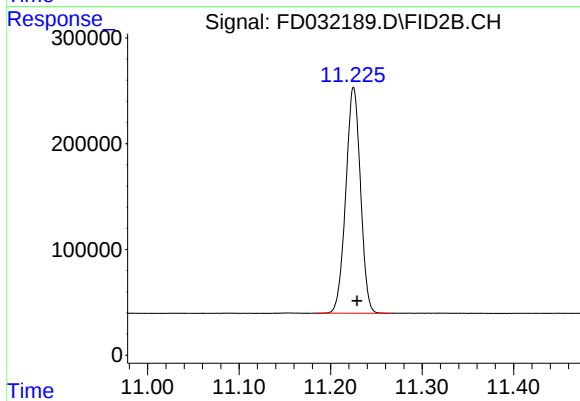
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 2438269
Conc: 20.09 ug/ml



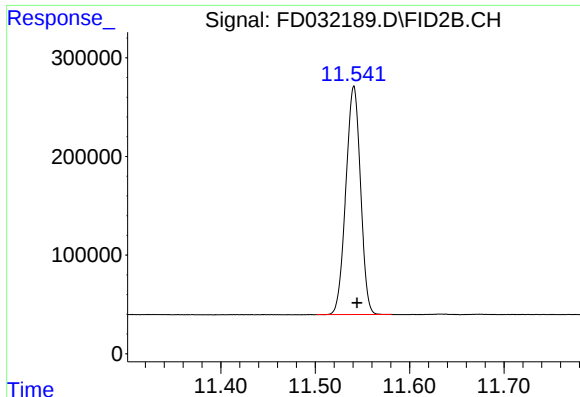
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.003 min
Response: 2413441
Conc: 19.47 ug/ml



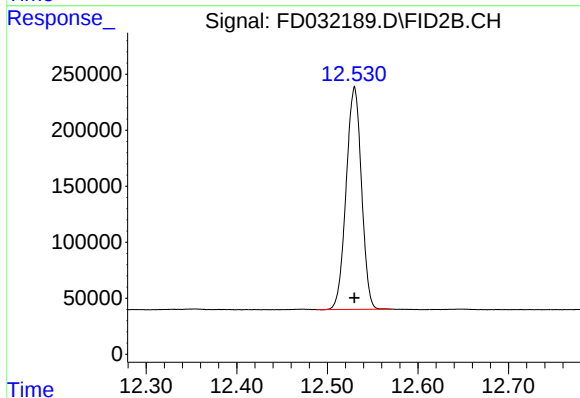
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2384400
Conc: 18.88 ug/ml



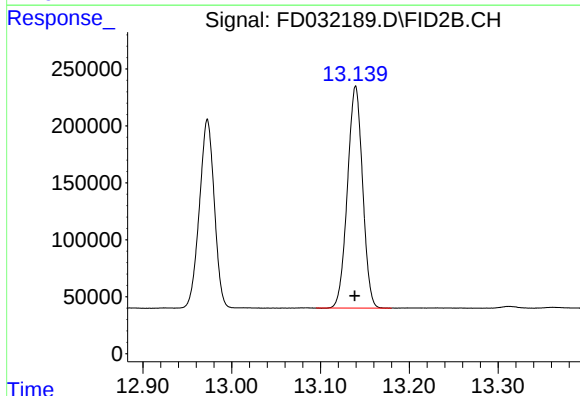
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 2503140
Conc: 18.12 ug/ml



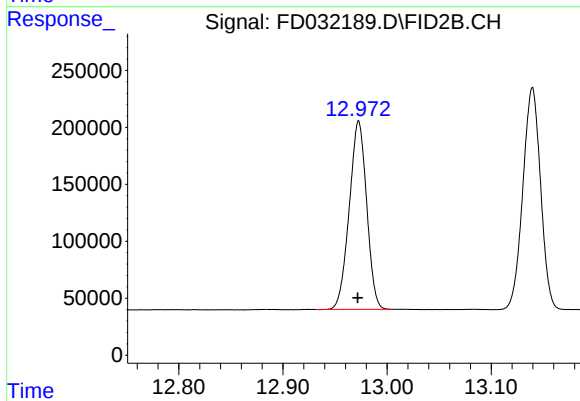
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.000 min
Response: 2335577
Conc: 18.30 ug/ml



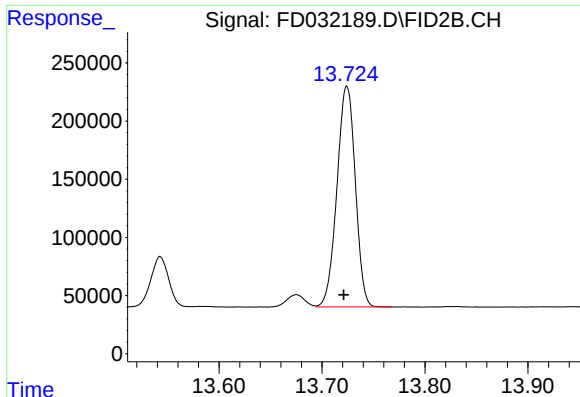
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.001 min
Response: 2310984
Conc: 17.94 ug/ml



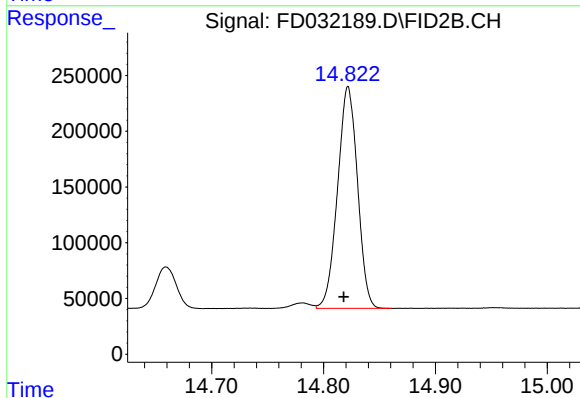
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 1922500
Conc: 17.65 ug/ml



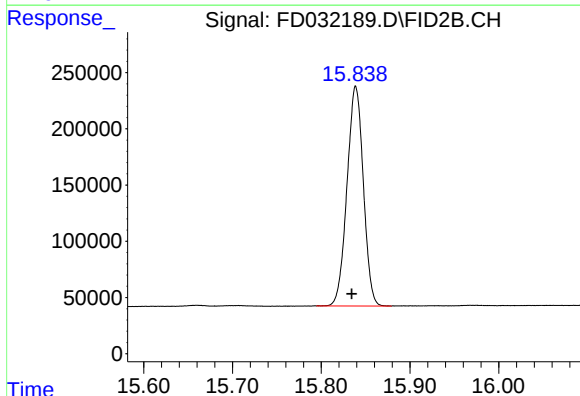
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: 0.003 min
Response: 2355959
Conc: 18.31 ug/ml



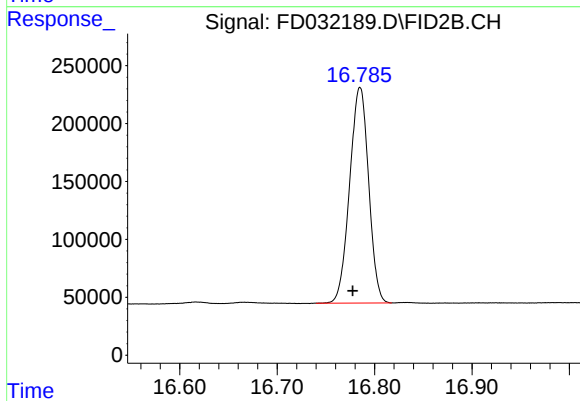
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2466238
Conc: 18.99 ug/ml



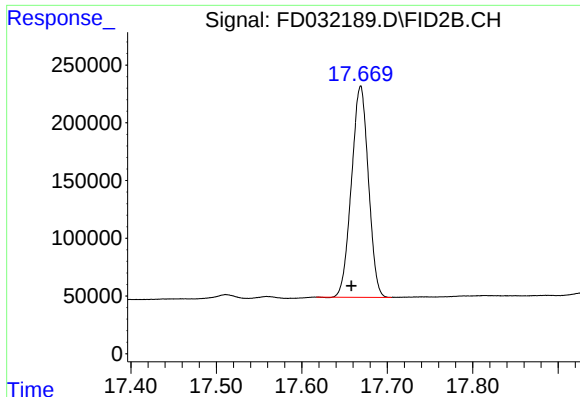
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.005 min
Response: 2497060
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: 0.008 min
Response: 2524006
Conc: 19.80 ug/ml



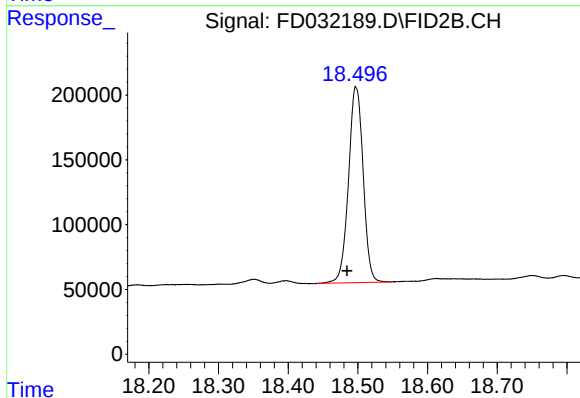
#17 n-Tricontane (C30)

R.T.: 17.669 min

Delta R.T.: 0.011 min

Response: 2519814

Conc: 20.55 ug/ml



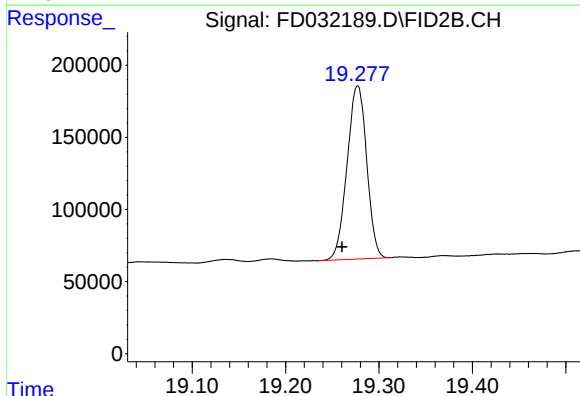
#18 n-Dotriacontane (C32)

R.T.: 18.497 min

Delta R.T.: 0.013 min

Response: 2210860

Conc: 21.12 ug/ml



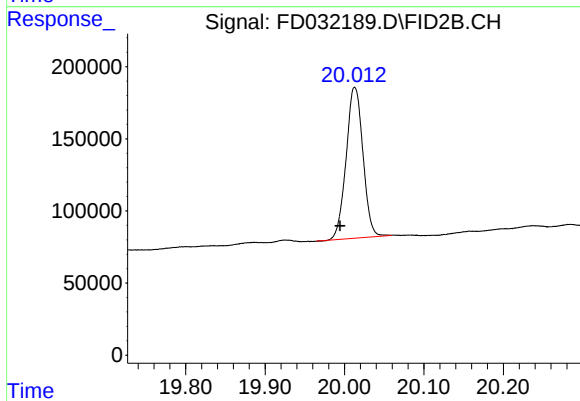
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min

Delta R.T.: 0.017 min

Response: 1754653

Conc: 19.84 ug/ml



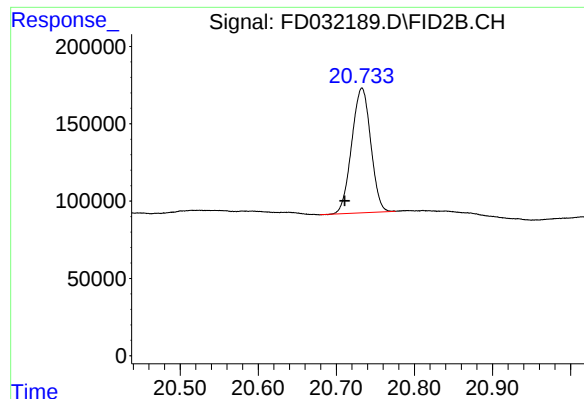
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min

Delta R.T.: 0.018 min

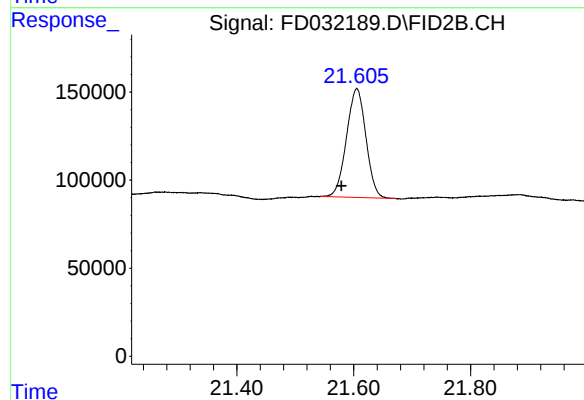
Response: 1539878

Conc: 19.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.022 min
Response: 1361862
Conc: 18.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.026 min
Response: 1423727
Conc: 18.81 ug/ml