

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012720AL\
 Data File : FD032202.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jan 2020 10:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 28 11:44:24 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

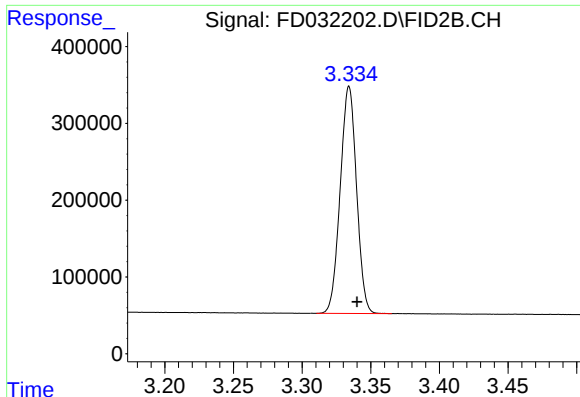
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.541	2533180	18.337 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	12.972	1940490	17.814 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.334	2449179	20.838 ug/ml
2) T n-Decane (C10)	4.398	2471286	20.977 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2749456	20.782 ug/ml
4) T n-Dodecane (C12)	6.409	2492310	20.941 ug/ml
5) T A~2-methylnaphthalene...	7.032	2750630	20.521 ug/ml
6) T n-Tetradecane (C14)	8.196	2477777	20.415 ug/ml
7) T n-Hexadecane (C16)	9.790	2453890	19.799 ug/ml
8) T n-Octadecane (C18)	11.225	2418160	19.149 ug/ml
10) T n-Eicosane (C20)	12.529	2361332	18.506 ug/ml
11) T n-Heneicosane (C21)	13.139	2334831	18.126 ug/ml
13) T n-Docosane (C22)	13.722	2376208	18.471 ug/ml
14) T n-Tetracosane (C24)	14.822	2486154	19.145 ug/ml
15) T n-Hexacosane (C26)	15.840	2521350	19.562 ug/ml
16) T n-Octacosane (C28)	16.785	2557750	20.066 ug/ml
17) T n-Tricontane (C30)	17.670	2563826	20.914 ug/ml
18) T n-Dotriacontane (C32)	18.499	2243019	21.426 ug/ml
19) T n-Tetratriacontane (C34)	19.278	1789704	20.237 ug/ml
20) T n-Hexatriacontane (C36)	20.015	1569808	19.919 ug/ml
21) T n-Octatriacontane (C38)	20.734	1405445	19.060 ug/ml
22) T n-Tetracontane (C40)	21.608	1490851	19.698 ug/ml

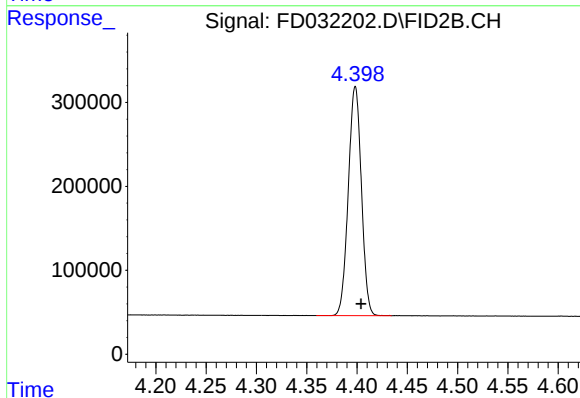
(f)=RT Delta > 1/2 Window

(m)=manual int.



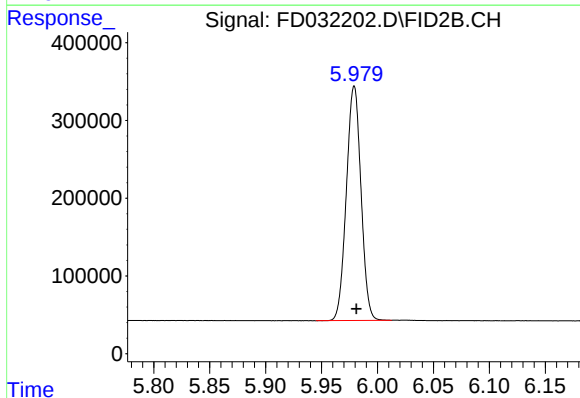
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2449179
Conc: 20.84 ug/ml



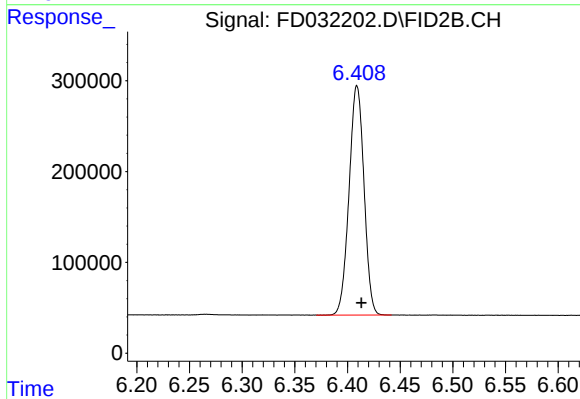
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.006 min
Response: 2471286
Conc: 20.98 ug/ml



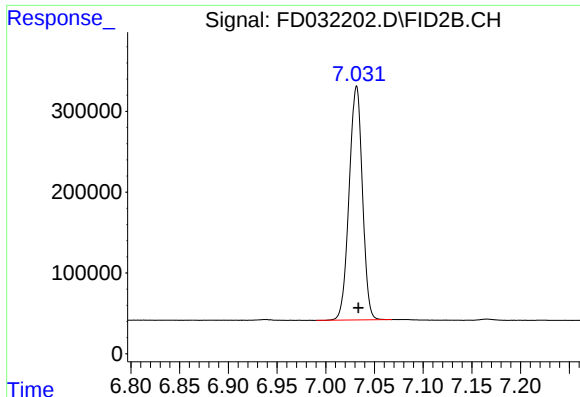
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 2749456
Conc: 20.78 ug/ml



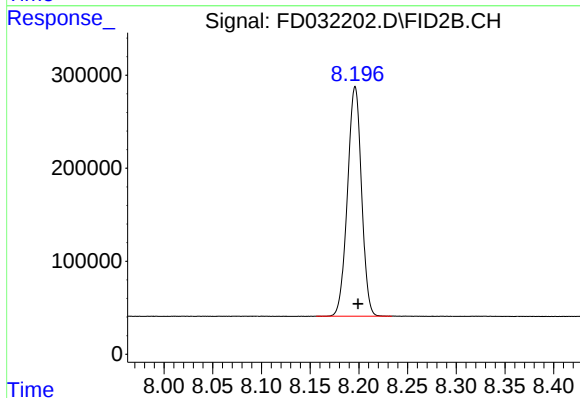
#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: -0.004 min
Response: 2492310
Conc: 20.94 ug/ml



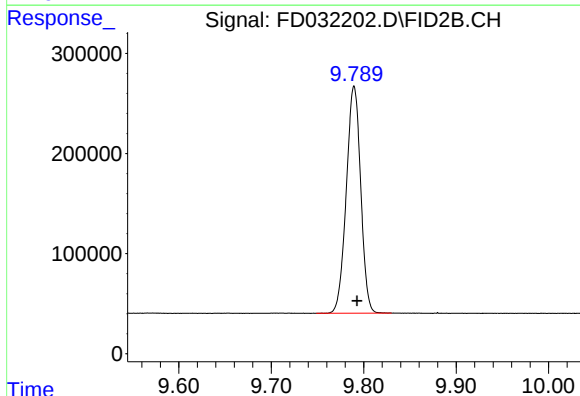
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 2750630
Conc: 20.52 ug/ml



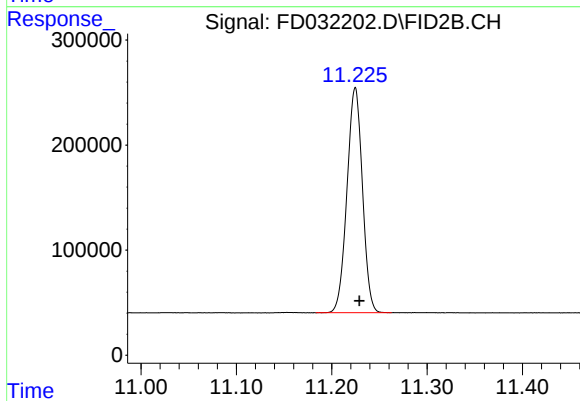
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 2477777
Conc: 20.42 ug/ml



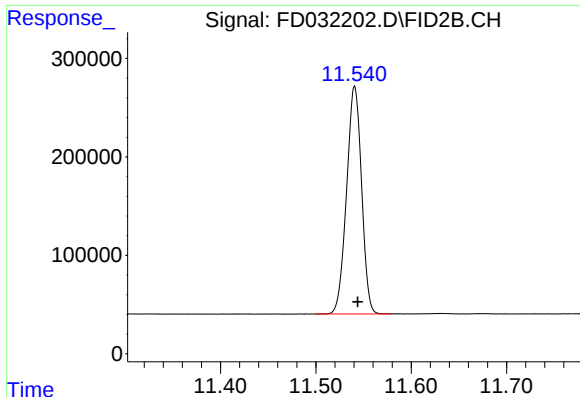
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: -0.003 min
Response: 2453890
Conc: 19.80 ug/ml



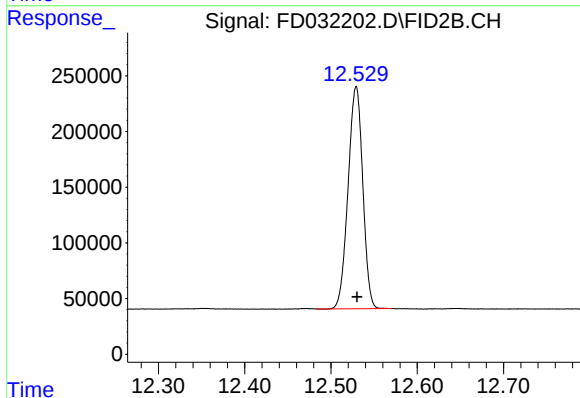
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2418160
Conc: 19.15 ug/ml



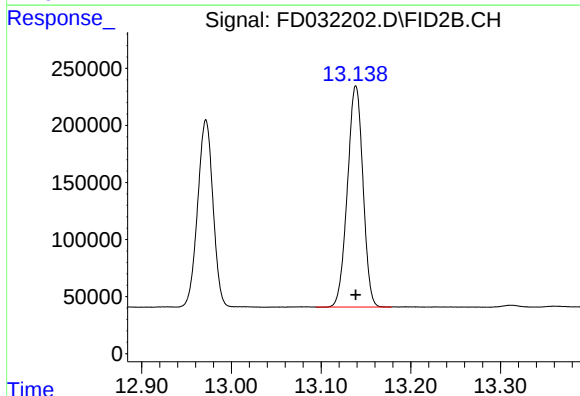
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 2533180
Conc: 18.34 ug/ml



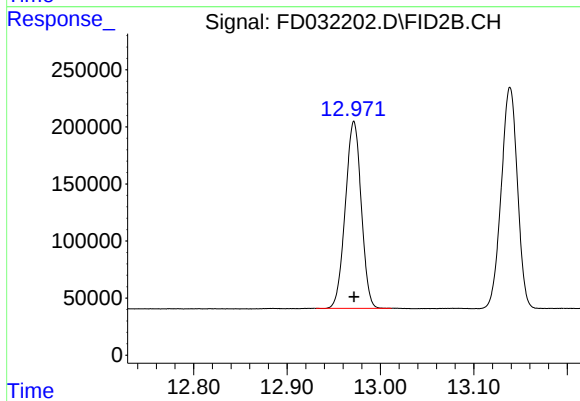
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.000 min
Response: 2361332
Conc: 18.51 ug/ml



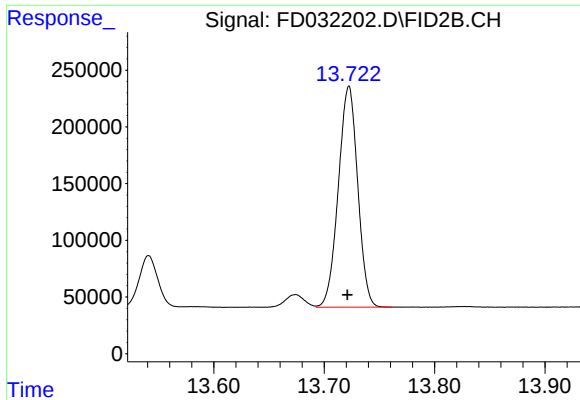
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 2334831
Conc: 18.13 ug/ml



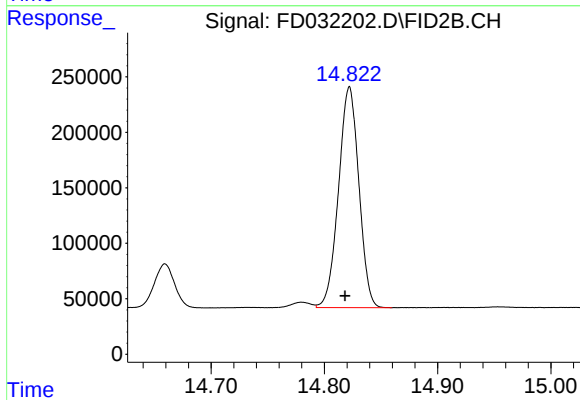
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: 0.000 min
Response: 1940490
Conc: 17.81 ug/ml



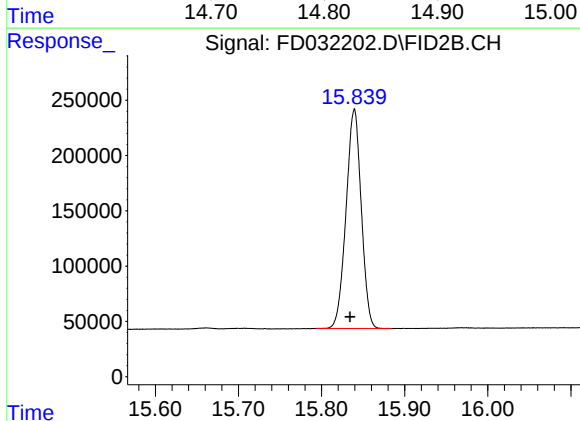
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: 0.001 min
Response: 2376208
Conc: 18.47 ug/ml



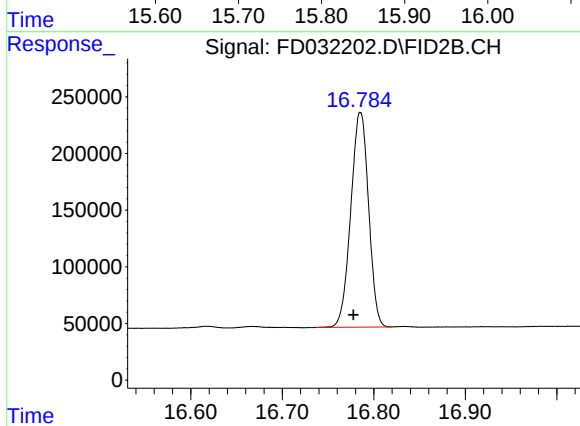
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2486154
Conc: 19.15 ug/ml



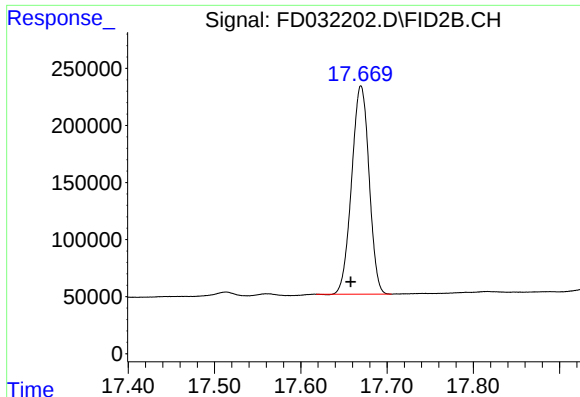
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.005 min
Response: 2521350
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: 0.008 min
Response: 2557750
Conc: 20.07 ug/ml



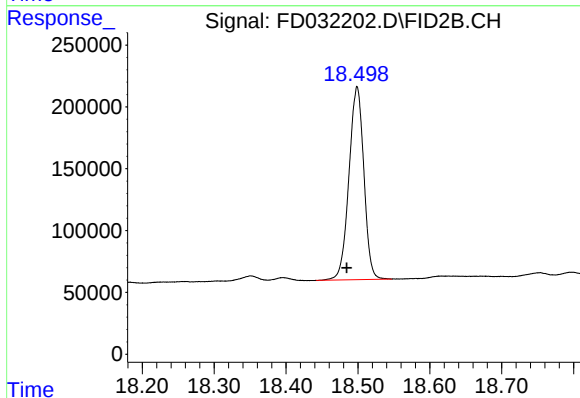
#17 n-Tricontane (C30)

R.T.: 17.670 min

Delta R.T.: 0.012 min

Response: 2563826

Conc: 20.91 ug/ml



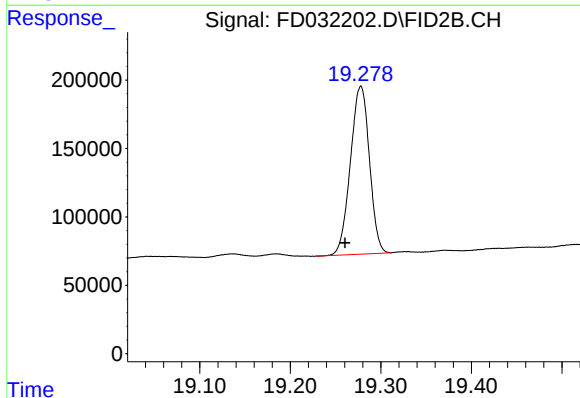
#18 n-Dotriacontane (C32)

R.T.: 18.499 min

Delta R.T.: 0.014 min

Response: 2243019

Conc: 21.43 ug/ml



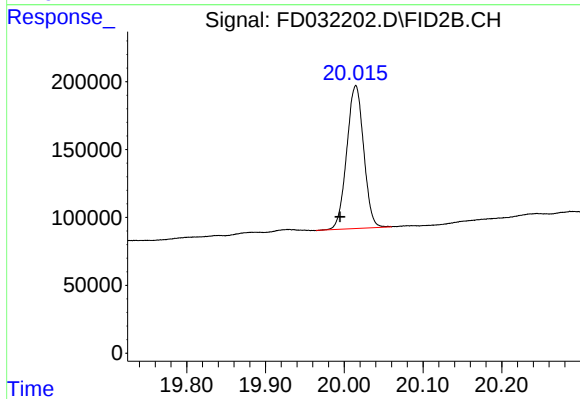
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min

Delta R.T.: 0.017 min

Response: 1789704

Conc: 20.24 ug/ml



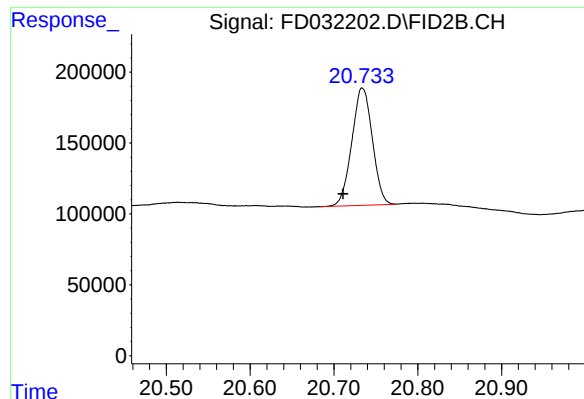
#20 n-Hexatriacontane (C36)

R.T.: 20.015 min

Delta R.T.: 0.020 min

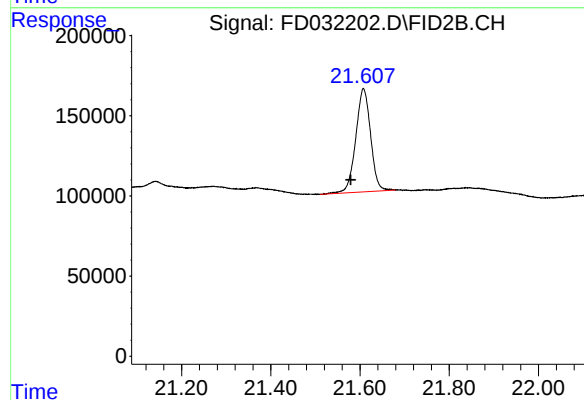
Response: 1569808

Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: 0.023 min
Response: 1405445
Conc: 19.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: 0.028 min
Response: 1490851
Conc: 19.70 ug/ml