

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012720AL\
 Data File : FC045501.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jan 2020 2:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 03:52:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

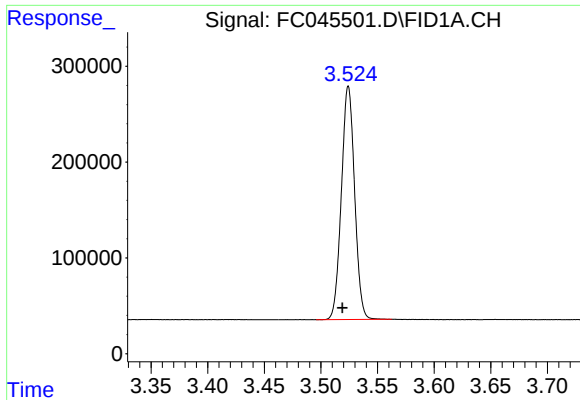
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.770	2047198	18.623 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
12) S 1-chlorooctadecane (S...	13.192	1583068	18.208 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.524	1980378	20.475 ug/ml
2) T n-Decane (C10)	4.597	2018534	20.842 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2194882	20.550 ug/ml
4) T n-Dodecane (C12)	6.614	2018531	20.648 ug/ml
5) T A~2-methylnaphthalene...	7.255	2188482	20.416 ug/ml
6) T n-Tetradecane (C14)	8.403	1994038	20.235 ug/ml
7) T n-Hexadecane (C16)	10.000	1970619	19.684 ug/ml
8) T n-Octadecane (C18)	11.439	1949592	19.141 ug/ml
10) T n-Eicosane (C20)	12.745	1903840	18.564 ug/ml
11) T n-Heneicosane (C21)	13.355	1890421	18.263 ug/ml
13) T n-Docosane (C22)	13.941	1854348	17.972 ug/ml
14) T n-Tetracosane (C24)	15.040	1807364	17.393 ug/ml
15) T n-Hexacosane (C26)	16.058	1752576	16.963 ug/ml
16) T n-Octacosane (C28)	17.007	1721237	16.840 ug/ml
17) T n-Tricontane (C30)	17.892	1686898	17.184 ug/ml
18) T n-Dotriacontane (C32)	18.722	1464950	17.605 ug/ml
19) T n-Tetratriacontane (C34)	19.503	1248678	17.645 ug/ml
20) T n-Hexatriacontane (C36)	20.240	1137054	17.733 ug/mlm
21) T n-Octatriacontane (C38)	21.013	1051337	17.975 ug/ml
22) T n-Tetracontane (C40)	21.983	1144892	19.408 ug/ml

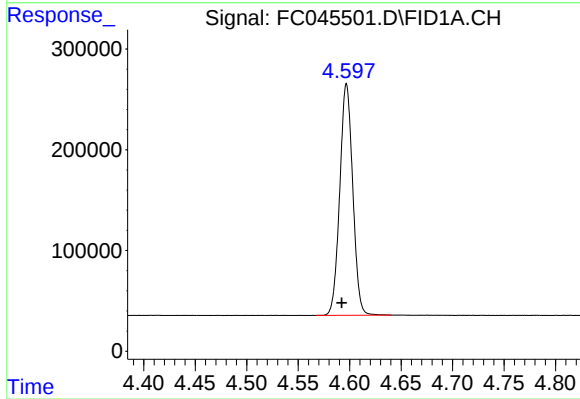
(f)=RT Delta > 1/2 Window

(m)=manual int.



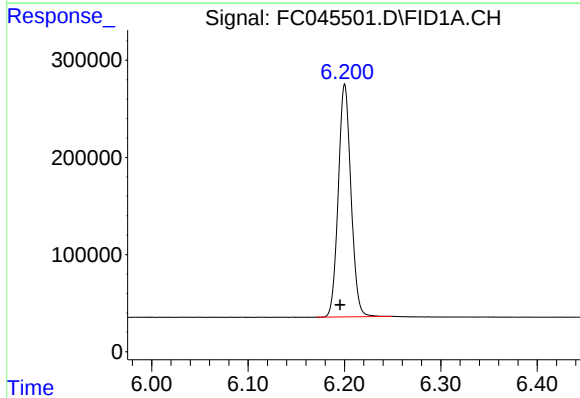
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 1980378
Conc: 20.47 ug/ml



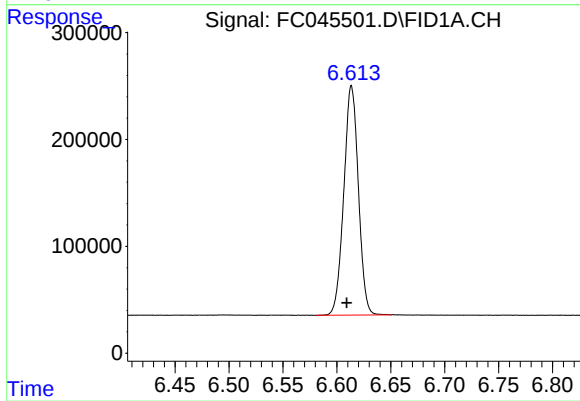
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.005 min
Response: 2018534
Conc: 20.84 ug/ml



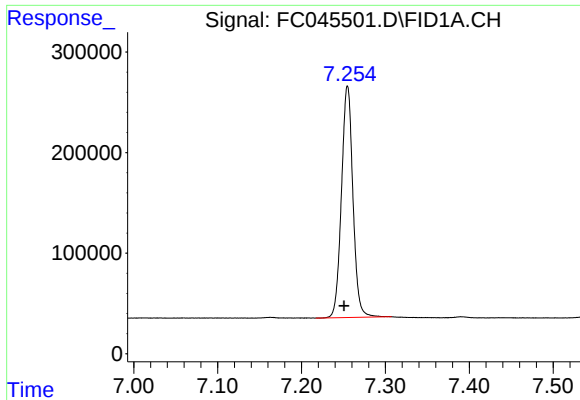
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2194882
Conc: 20.55 ug/ml



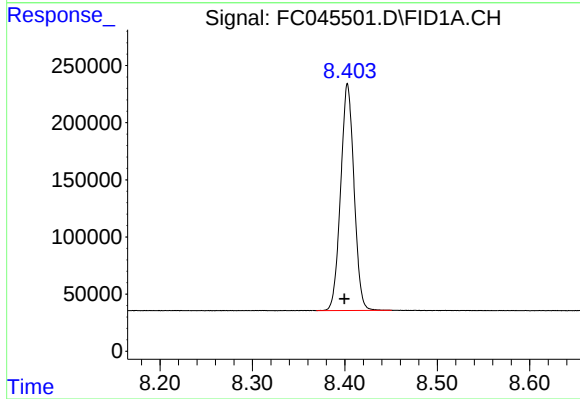
#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 2018531
Conc: 20.65 ug/ml



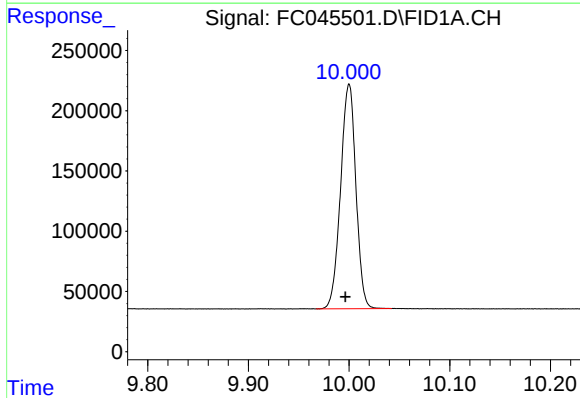
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: 0.004 min
Response: 2188482
Conc: 20.42 ug/ml



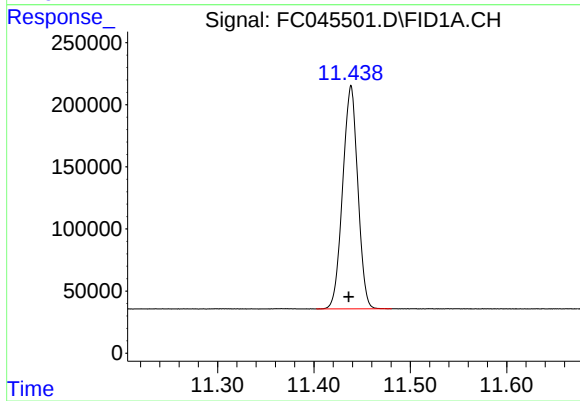
#6 n-Tetradecane (C14)

R.T.: 8.403 min
Delta R.T.: 0.004 min
Response: 1994038
Conc: 20.24 ug/ml



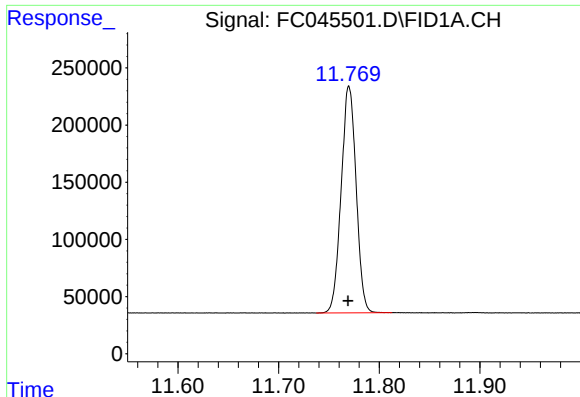
#7 n-Hexadecane (C16)

R.T.: 10.000 min
Delta R.T.: 0.003 min
Response: 1970619
Conc: 19.68 ug/ml



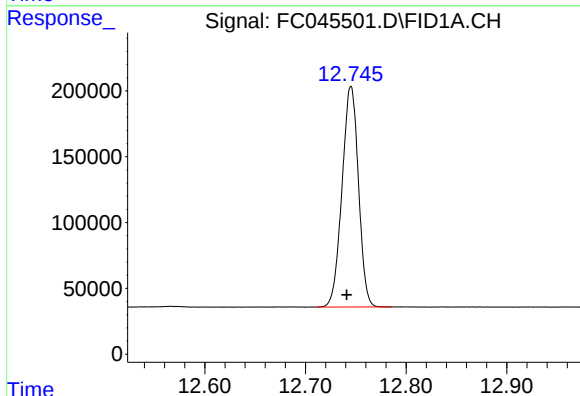
#8 n-Octadecane (C18)

R.T.: 11.439 min
Delta R.T.: 0.002 min
Response: 1949592
Conc: 19.14 ug/ml



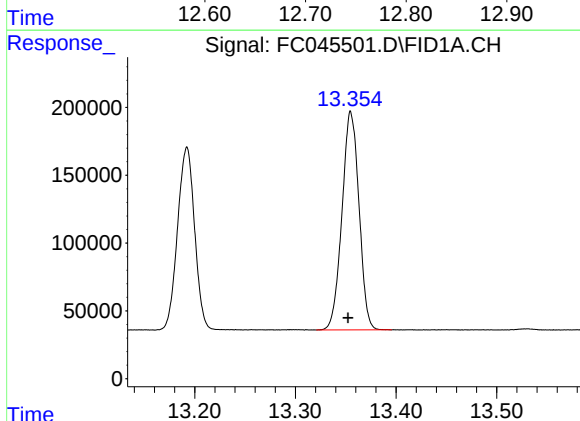
#9 ortho-Terphenyl (SURR)

R.T.: 11.770 min
Delta R.T.: 0.001 min
Response: 2047198
Conc: 18.62 ug/ml



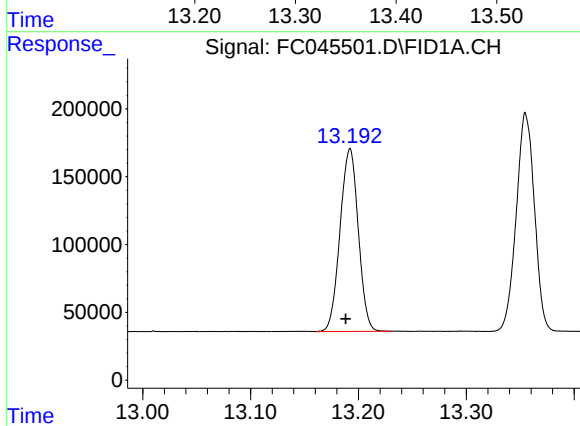
#10 n-Eicosane (C20)

R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 1903840
Conc: 18.56 ug/ml



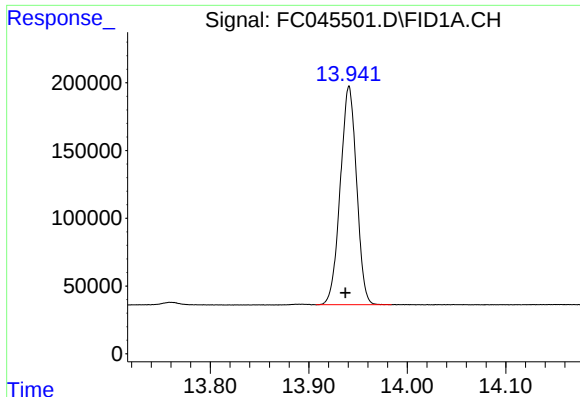
#11 n-Heneicosane (C21)

R.T.: 13.355 min
Delta R.T.: 0.003 min
Response: 1890421
Conc: 18.26 ug/ml



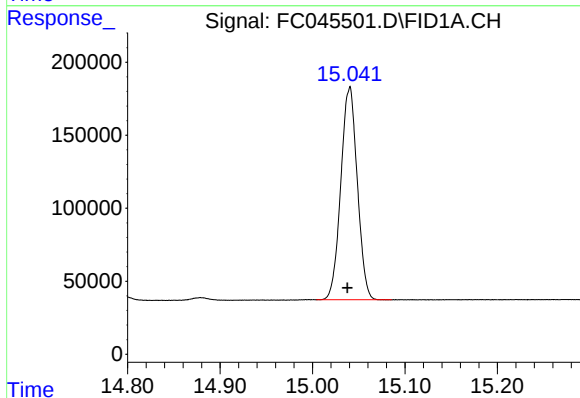
#12 1-chlorooctadecane (SURR)

R.T.: 13.192 min
Delta R.T.: 0.004 min
Response: 1583068
Conc: 18.21 ug/ml



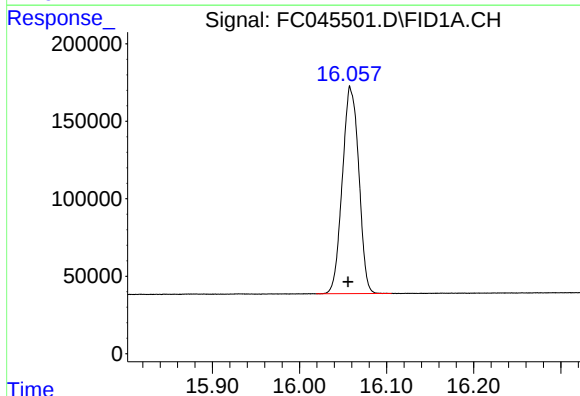
#13 n-Docosane (C22)

R.T.: 13.941 min
Delta R.T.: 0.004 min
Response: 1854348
Conc: 17.97 ug/ml



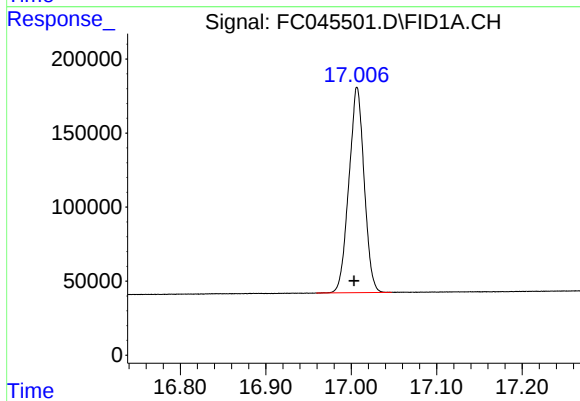
#14 n-Tetracosane (C24)

R.T.: 15.040 min
Delta R.T.: 0.003 min
Response: 1807364
Conc: 17.39 ug/ml



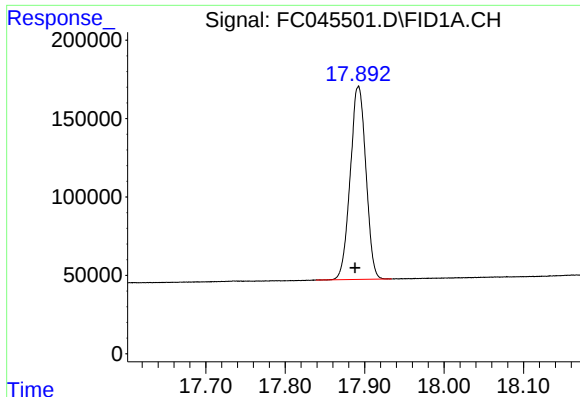
#15 n-Hexacosane (C26)

R.T.: 16.058 min
Delta R.T.: 0.003 min
Response: 1752576
Conc: 16.96 ug/ml



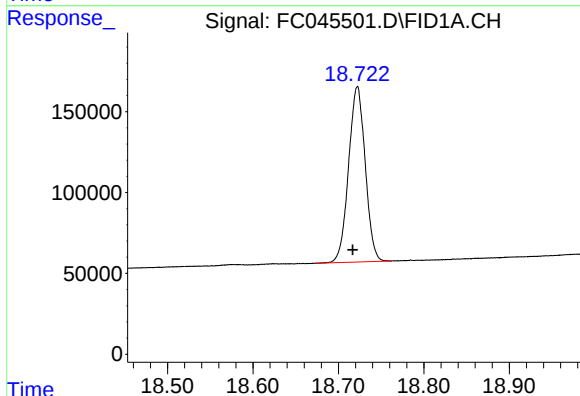
#16 n-Octacosane (C28)

R.T.: 17.007 min
Delta R.T.: 0.004 min
Response: 1721237
Conc: 16.84 ug/ml



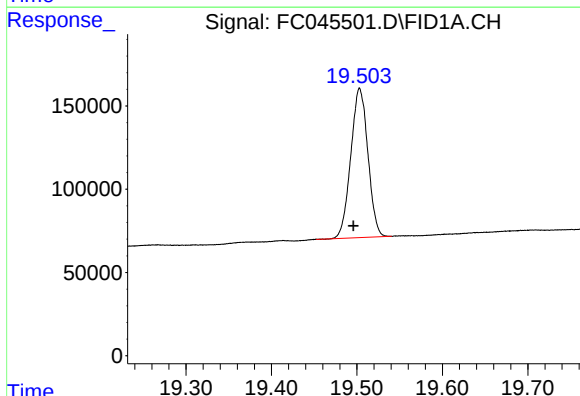
#17 n-Tricontane (C30)

R.T.: 17.892 min
Delta R.T.: 0.004 min
Response: 1686898
Conc: 17.18 ug/ml



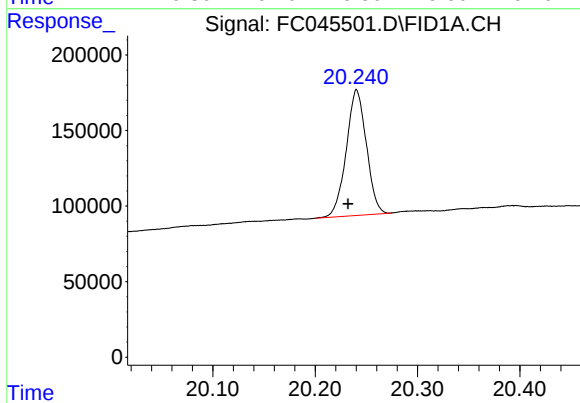
#18 n-Dotriacontane (C32)

R.T.: 18.722 min
Delta R.T.: 0.006 min
Response: 1464950
Conc: 17.61 ug/ml



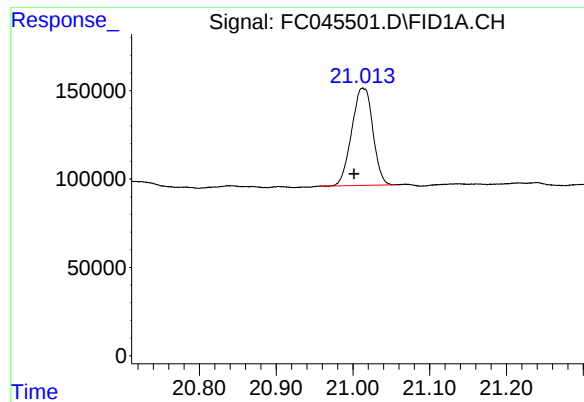
#19 n-Tetratriacontane (C34)

R.T.: 19.503 min
Delta R.T.: 0.007 min
Response: 1248678
Conc: 17.64 ug/ml



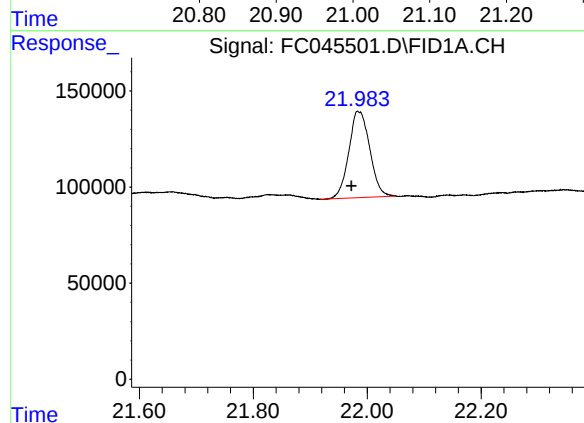
#20 n-Hexatriacontane (C36)

R.T.: 20.240 min
Delta R.T.: 0.008 min
Response: 1137054
Conc: 17.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.011 min
Response: 1051337
Conc: 17.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.011 min
Response: 1144892
Conc: 19.41 ug/ml