

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062019AL\
 Data File : FC041897.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jun 2019 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 21 01:19:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

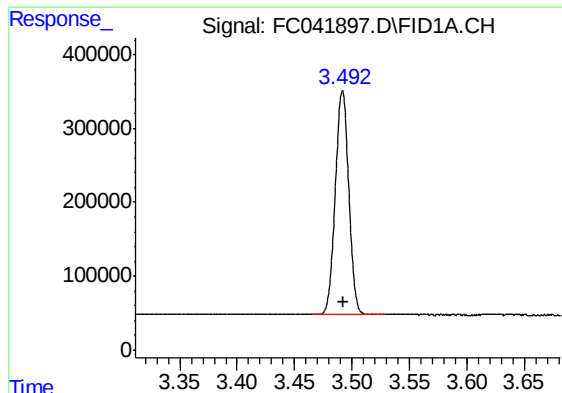
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.708	2537985	19.077 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.133	2033875	18.510 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.492	2475569	21.302 ug/ml
2) T n-Decane (C10)	4.557	2531666	21.514 ug/ml
3) T A~Naphthalene (C11.7)	6.146	2780855	20.923 ug/ml
4) T n-Dodecane (C12)	6.566	2539050	21.380 ug/ml
5) T A~2-methylnaphthalene...	7.198	2755303	20.694 ug/ml
6) T n-Tetradecane (C14)	8.352	2544643	21.056 ug/ml
7) T n-Hexadecane (C16)	9.946	2520442	20.566 ug/ml
8) T n-Octadecane (C18)	11.383	2477480	19.994 ug/ml
10) T n-Eicosane (C20)	12.688	2422792	19.148 ug/ml
11) T n-Heneicosane (C21)	13.298	2361949	18.709 ug/ml
13) T n-Docosane (C22)	13.882	2342639	18.541 ug/ml
14) T n-Tetracosane (C24)	14.982	2322142	18.250 ug/ml
15) T n-Hexacosane (C26)	16.001	2266855	18.259 ug/ml
16) T n-Octacosane (C28)	16.949	2275680	18.676 ug/ml
17) T n-Tricontane (C30)	17.834	2221066	19.054 ug/ml
18) T n-Dotriacontane (C32)	18.666	2069290	19.165 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1706195	19.828 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1515379	19.550 ug/ml
21) T n-Octatriacontane (C38)	20.940	1413180	21.370 ug/ml
22) T n-Tetracontane (C40)	21.882	1381590	20.450 ug/ml

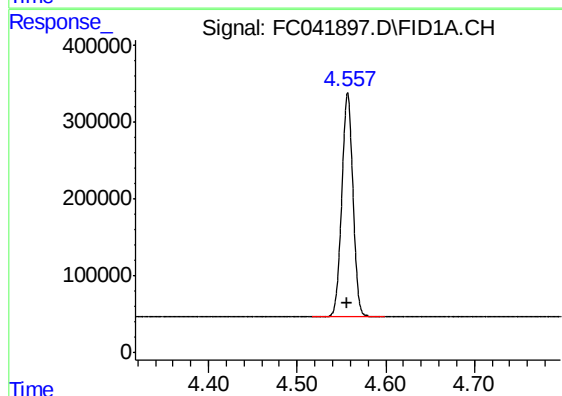
(f)=RT Delta > 1/2 Window

(m)=manual int.



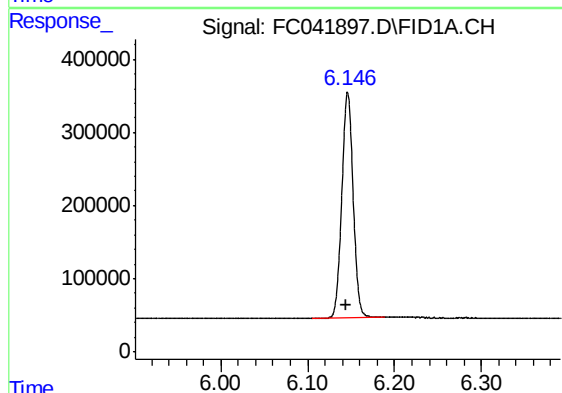
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.000 min
Response: 2475569
Conc: 21.30 ug/ml



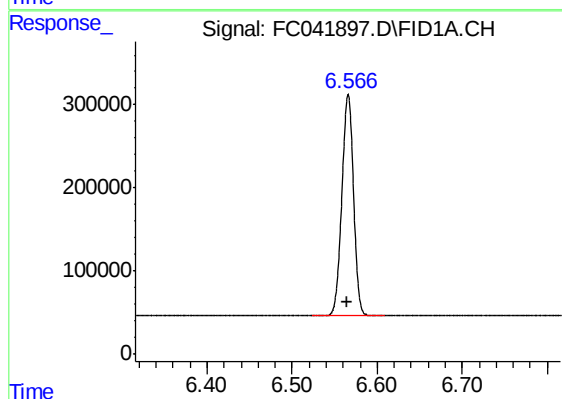
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2531666
Conc: 21.51 ug/ml



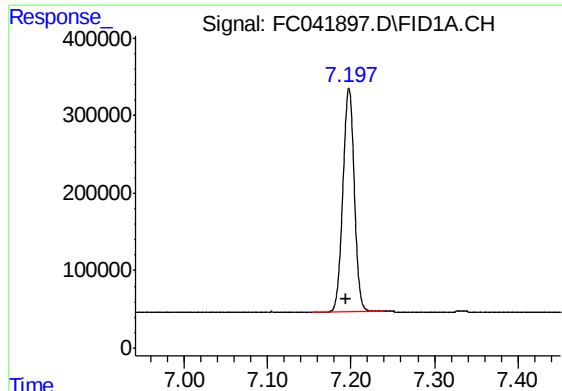
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 2780855
Conc: 20.92 ug/ml



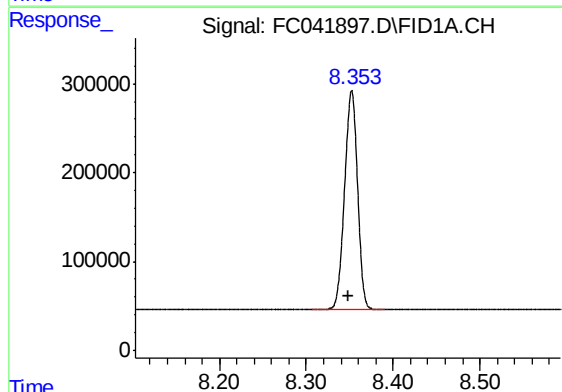
#4 n-Dodecane (C12)

R.T.: 6.566 min
Delta R.T.: 0.002 min
Response: 2539050
Conc: 21.38 ug/ml



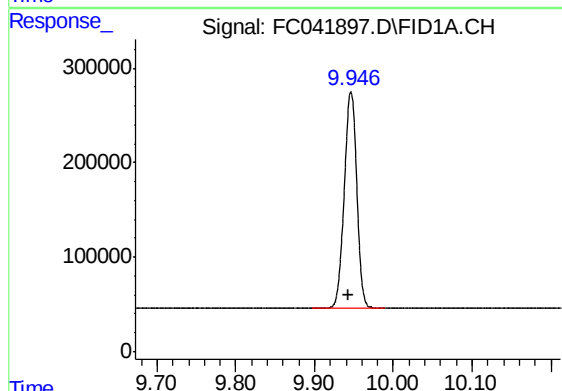
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.198 min
Delta R.T.: 0.004 min
Response: 2755303
Conc: 20.69 ug/ml



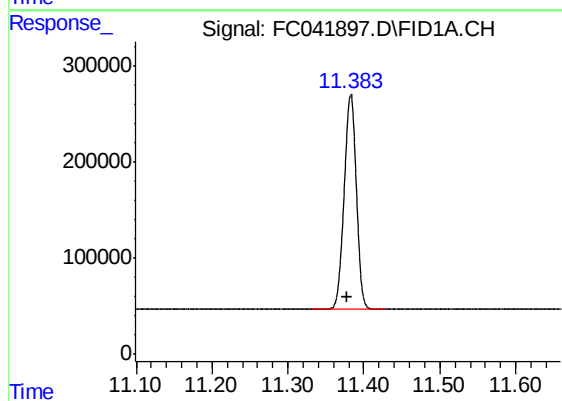
#6 n-Tetradecane (C14)

R.T.: 8.352 min
Delta R.T.: 0.003 min
Response: 2544643
Conc: 21.06 ug/ml



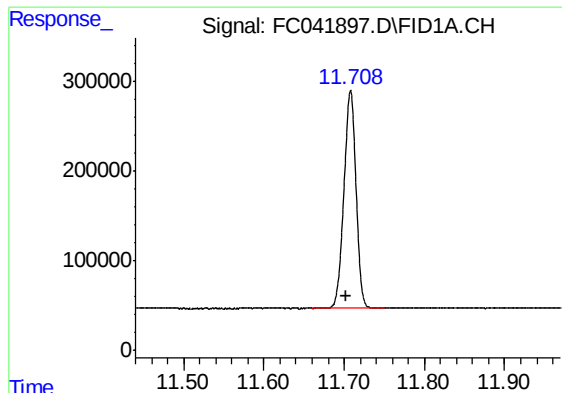
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.004 min
Response: 2520442
Conc: 20.57 ug/ml



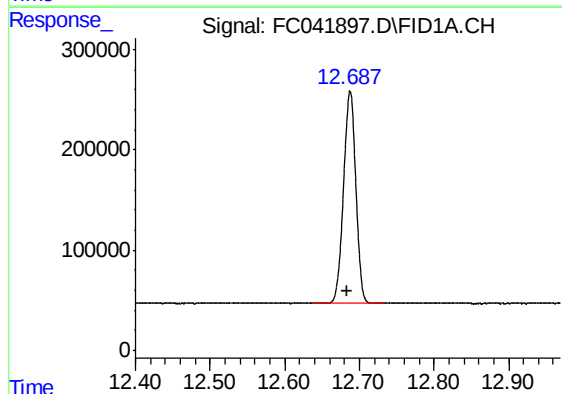
#8 n-Octadecane (C18)

R.T.: 11.383 min
Delta R.T.: 0.004 min
Response: 2477480
Conc: 19.99 ug/ml



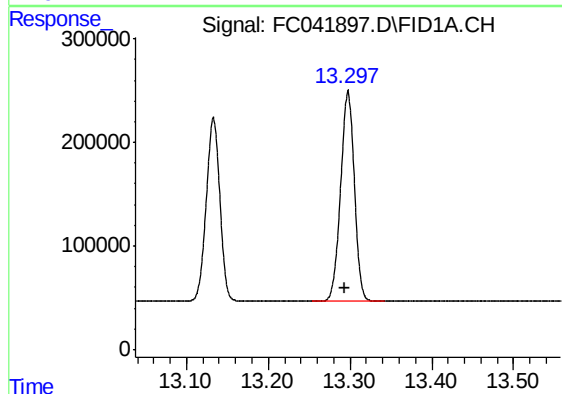
#9 ortho-Terphenyl (SURR)

R.T.: 11.708 min
Delta R.T.: 0.006 min
Response: 2537985
Conc: 19.08 ug/ml



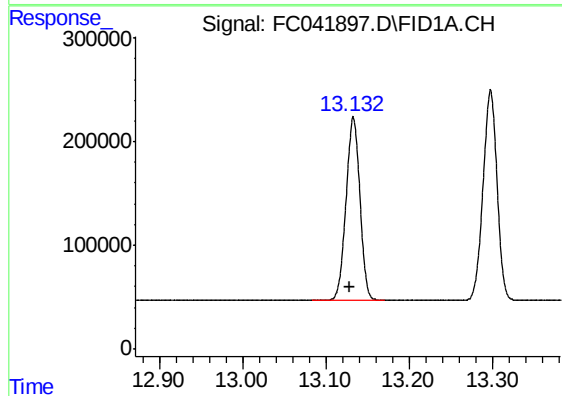
#10 n-Eicosane (C20)

R.T.: 12.688 min
Delta R.T.: 0.004 min
Response: 2422792
Conc: 19.15 ug/ml



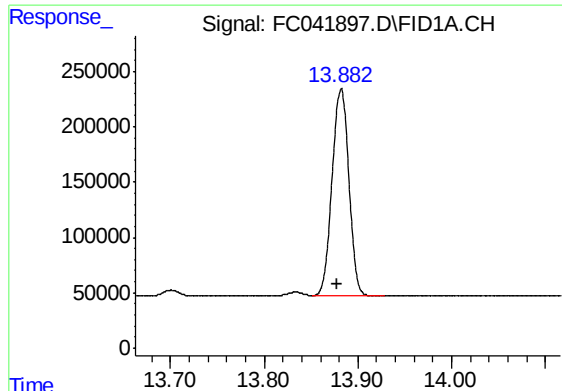
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: 0.004 min
Response: 2361949
Conc: 18.71 ug/ml



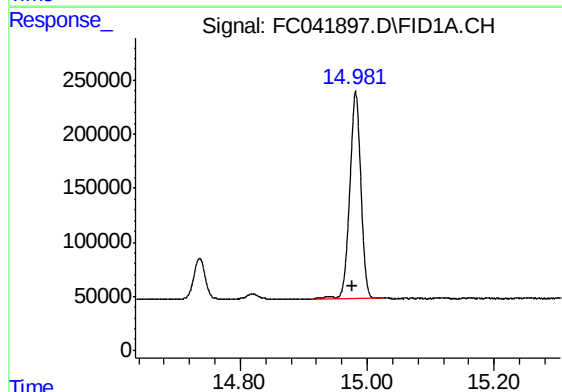
#12 1-chlorooctadecane (SURR)

R.T.: 13.133 min
Delta R.T.: 0.005 min
Response: 2033875
Conc: 18.51 ug/ml



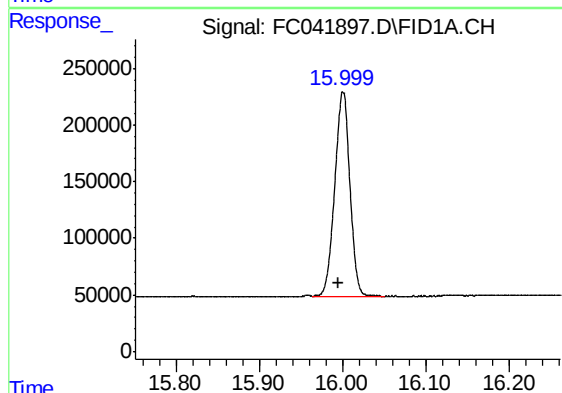
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: 0.004 min
Response: 2342639
Conc: 18.54 ug/ml



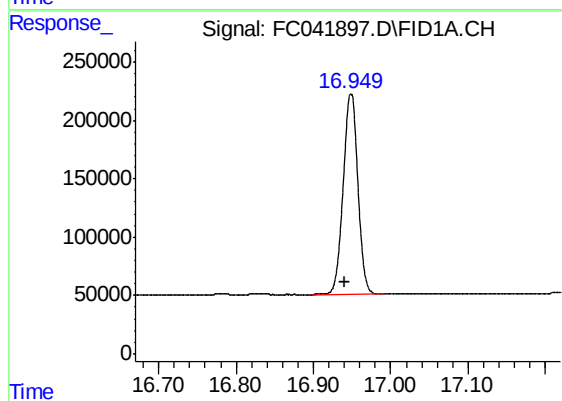
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.005 min
Response: 2322142
Conc: 18.25 ug/ml



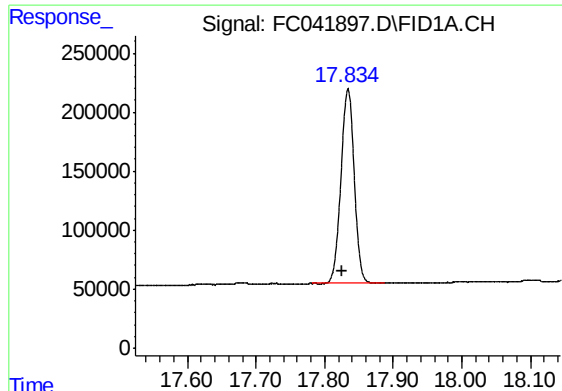
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: 0.006 min
Response: 2266855
Conc: 18.26 ug/ml



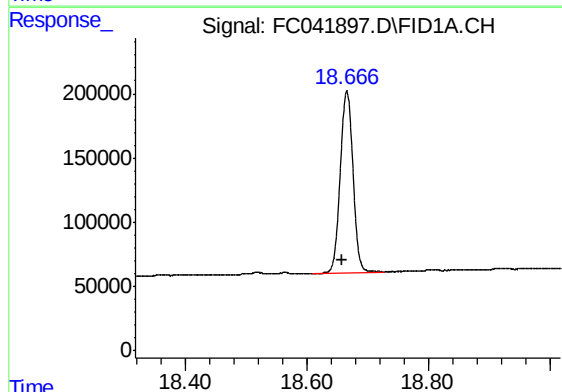
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.008 min
Response: 2275680
Conc: 18.68 ug/ml



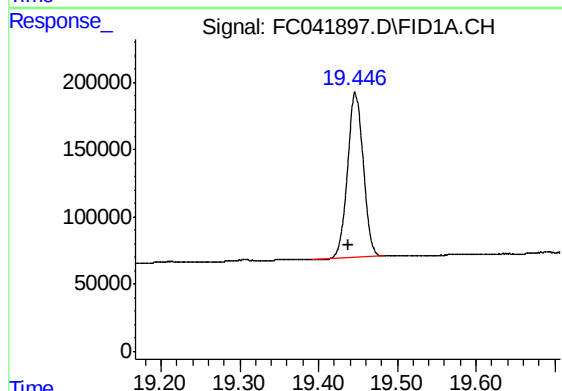
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: 0.008 min
Response: 2221066
Conc: 19.05 ug/ml



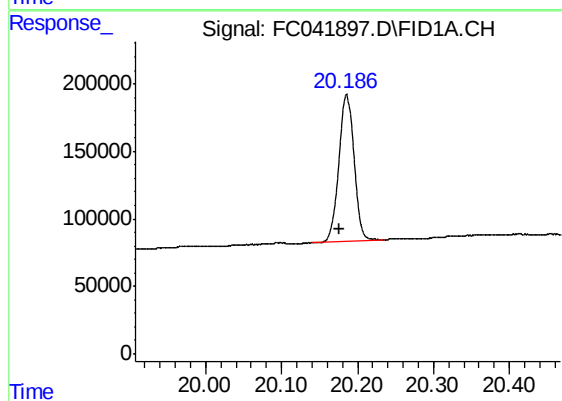
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: 0.009 min
Response: 2069290
Conc: 19.17 ug/ml



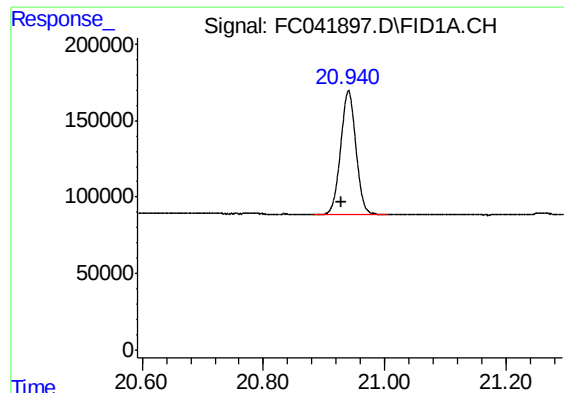
#19 n-Tetatriacontane (C34)

R.T.: 19.446 min
Delta R.T.: 0.009 min
Response: 1706195
Conc: 19.83 ug/ml



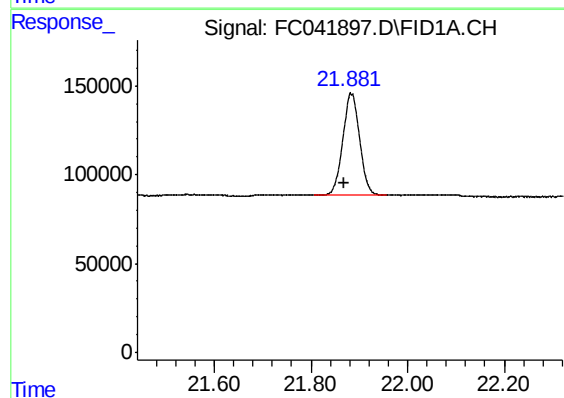
#20 n-Hexatriacontane (C36)

R.T.: 20.186 min
Delta R.T.: 0.010 min
Response: 1515379
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.012 min
Response: 1413180
Conc: 21.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.882 min
Delta R.T.: 0.012 min
Response: 1381590
Conc: 20.45 ug/ml