

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102419AL\
 Data File : FC044199.D
 Signal(s) : FID1A.CH
 Acq On : 25 Oct 2019 6:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 25 06:47:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

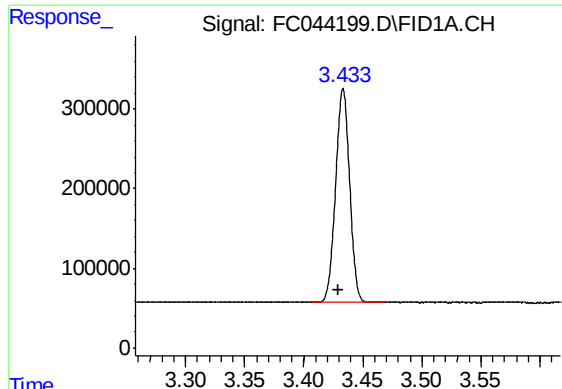
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.715	2767954	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	13.149	2094137	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.433	2219930	20.152 ug/ml
2) T n-Decane (C10)	4.510	2253097	20.285 ug/ml
3) T A-Naphthalene (C11.7)	6.110	2512441	20.193 ug/ml
4) T n-Dodecane (C12)	6.538	2272889	20.210 ug/ml
5) T A~2-methylnaphthalene...	7.171	2528090	20.048 ug/ml
6) T n-Tetradecane (C14)	8.339	2259376	19.970 ug/ml
7) T n-Hexadecane (C16)	9.944	2240903	19.612 ug/ml
8) T n-Octadecane (C18)	11.389	2199933	19.215 ug/ml
10) T n-Eicosane (C20)	12.701	2140990	18.773 ug/ml
11) T n-Heneicosane (C21)	13.315	2121536	18.496 ug/ml
13) T n-Docosane (C22)	13.902	2089667	18.402 ug/ml
14) T n-Tetracosane (C24)	15.008	2024130	17.900 ug/ml
15) T n-Hexacosane (C26)	16.030	1955757	17.677 ug/ml
16) T n-Octacosane (C28)	16.981	1917647	17.702 ug/ml
17) T n-Tricontane (C30)	17.871	1910192	18.049 ug/ml
18) T n-Dotriacontane (C32)	18.706	1842853	18.298 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1784352	19.030 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1730202	19.931 ug/ml
21) T n-Octatriacontane (C38)	21.005	1659279	20.576 ug/ml
22) T n-Tetracontane (C40)	21.979	1745008	20.644 ug/ml

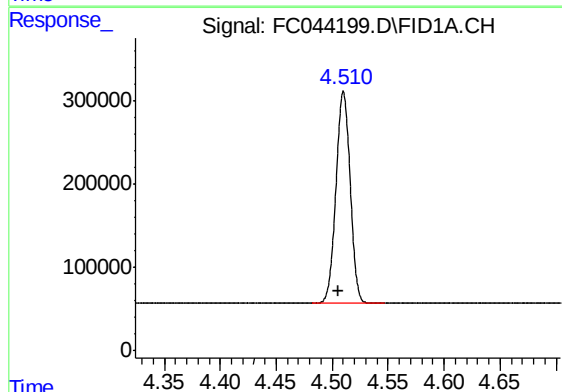
(f)=RT Delta > 1/2 Window

(m)=manual int.



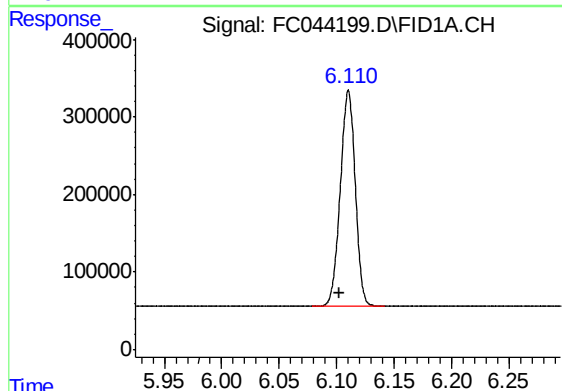
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.004 min
Response: 2219930
Conc: 20.15 ug/ml



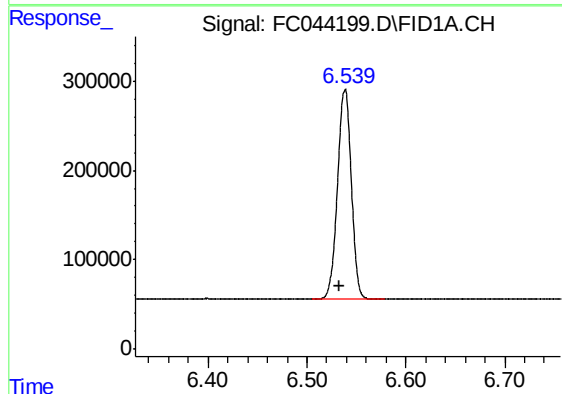
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: 0.005 min
Response: 2253097
Conc: 20.29 ug/ml



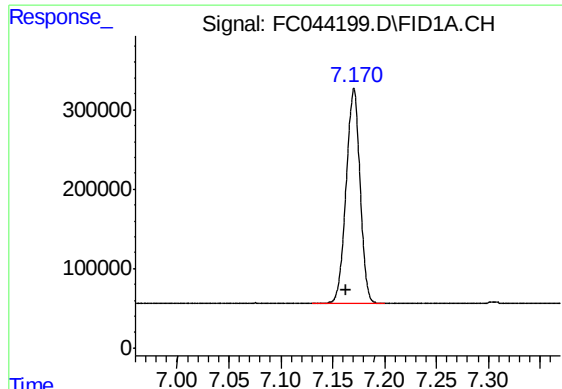
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: 0.008 min
Response: 2512441
Conc: 20.19 ug/ml



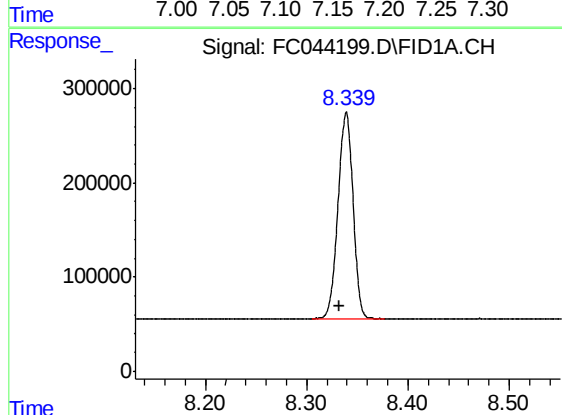
#4 n-Dodecane (C12)

R.T.: 6.538 min
Delta R.T.: 0.005 min
Response: 2272889
Conc: 20.21 ug/ml



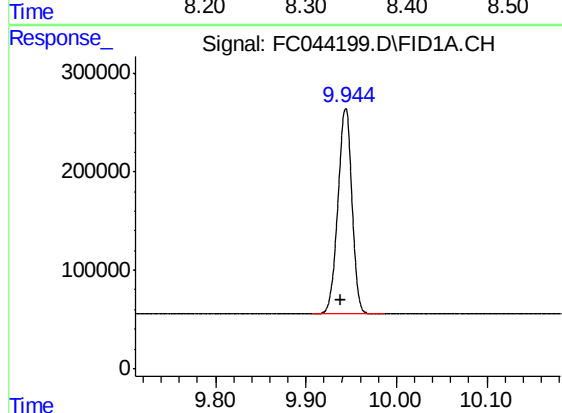
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.171 min
Delta R.T.: 0.008 min
Response: 2528090
Conc: 20.05 ug/ml



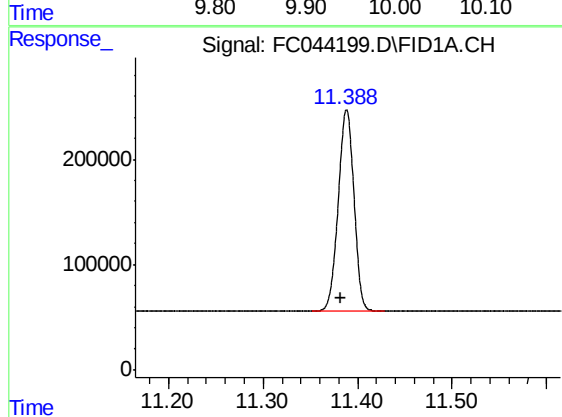
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: 0.006 min
Response: 2259376
Conc: 19.97 ug/ml



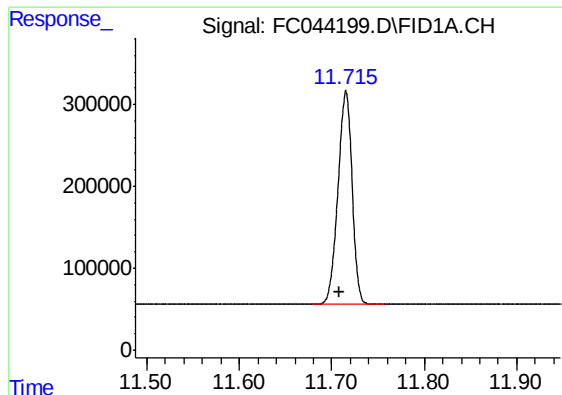
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.006 min
Response: 2240903
Conc: 19.61 ug/ml



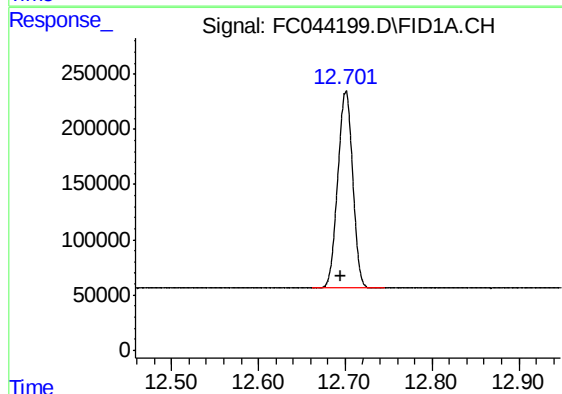
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2199933
Conc: 19.21 ug/ml



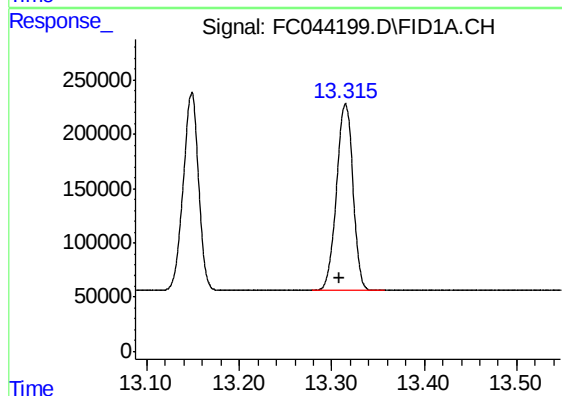
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min
Delta R.T.: 0.007 min
Response: 2767954
Conc: 18.99 ug/ml



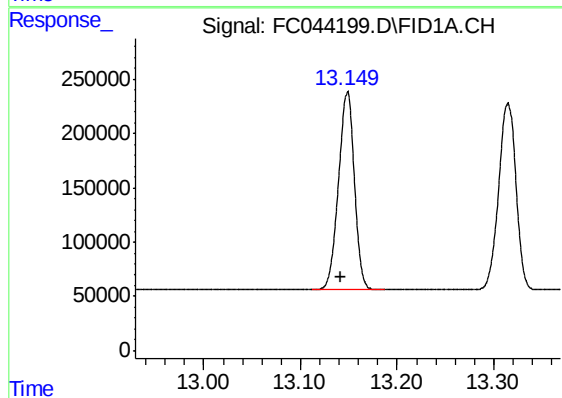
#10 n-Eicosane (C20)

R.T.: 12.701 min
Delta R.T.: 0.006 min
Response: 2140990
Conc: 18.77 ug/ml



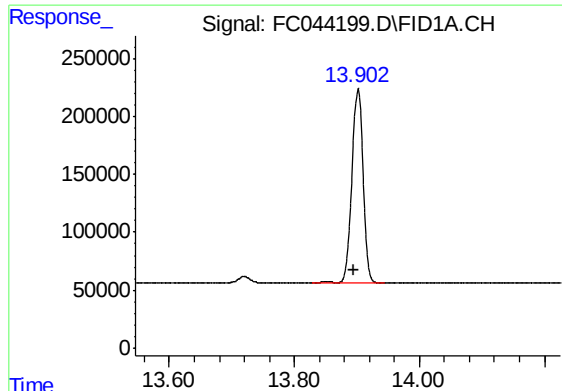
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.007 min
Response: 2121536
Conc: 18.50 ug/ml



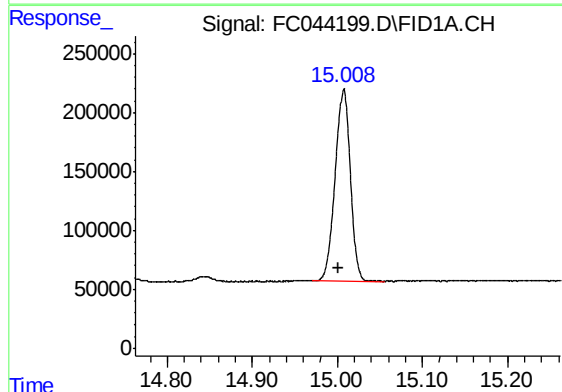
#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: 0.006 min
Response: 2094137
Conc: 18.73 ug/ml



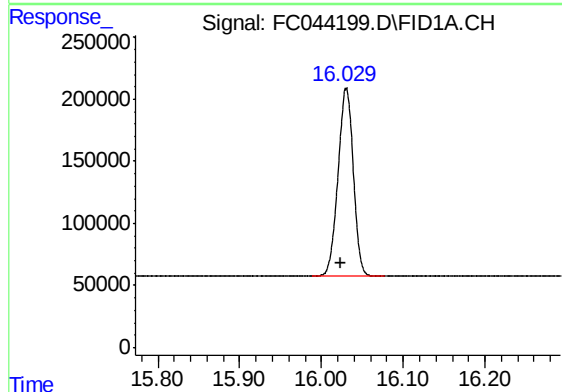
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.007 min
Response: 2089667
Conc: 18.40 ug/ml



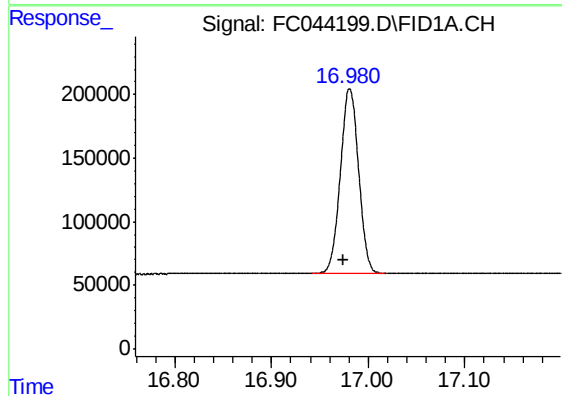
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.007 min
Response: 2024130
Conc: 17.90 ug/ml



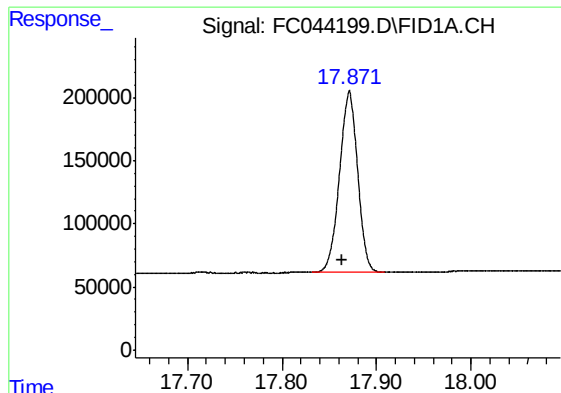
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.007 min
Response: 1955757
Conc: 17.68 ug/ml



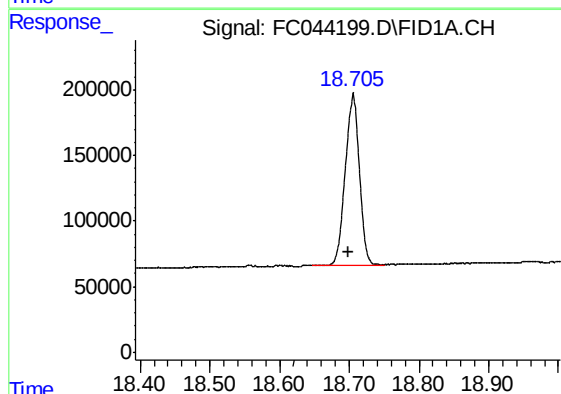
#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: 0.006 min
Response: 1917647
Conc: 17.70 ug/ml



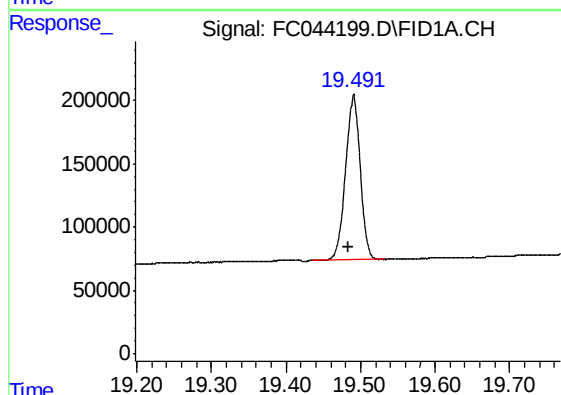
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.007 min
Response: 1910192
Conc: 18.05 ug/ml



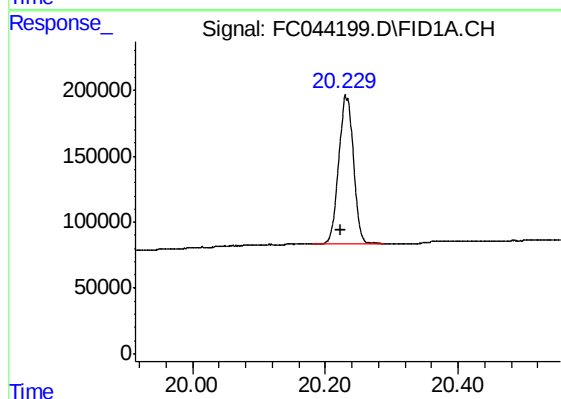
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.007 min
Response: 1842853
Conc: 18.30 ug/ml



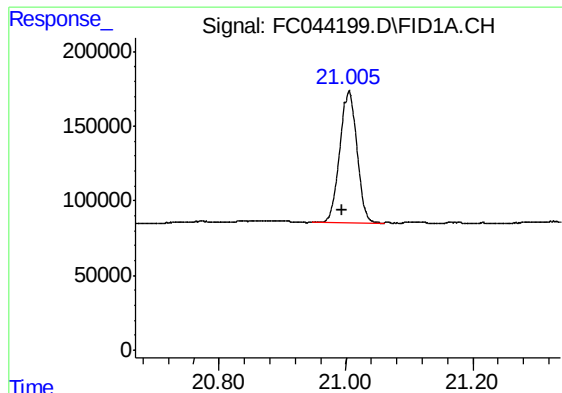
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: 0.007 min
Response: 1784352
Conc: 19.03 ug/ml



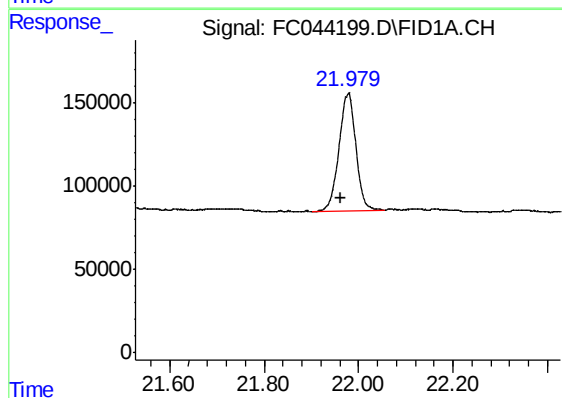
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: 0.008 min
Response: 1730202
Conc: 19.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 1659279
Conc: 20.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.979 min
Delta R.T.: 0.018 min
Response: 1745008
Conc: 20.64 ug/ml