

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120921AL\
 Data File : FC057332.D
 Signal(s) : FID1A.CH
 Acq On : 09 Dec 2021 21:19
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 22:05:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:03:37 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

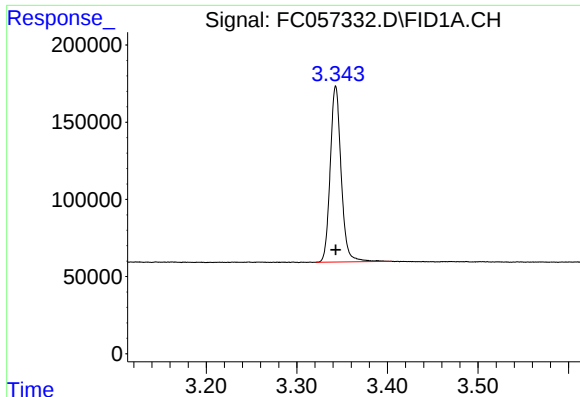
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.578	1024496	9.847 ug/ml
Spiked Amount 50.000		Recovery =	19.69%
12) S 1-chlorooctadecane (S...	13.011	757513	9.680 ug/ml
Spiked Amount 50.000		Recovery =	19.36%
Target Compounds			
1) T n-Nonane (C9)	3.343	954533	9.765 ug/ml
2) T n-Decane (C10)	4.409	939196	9.661 ug/ml
3) T A~Naphthalene (C11.7)	6.000	938499	9.129 ug/ml
4) T n-Dodecane (C12)	6.425	972312	9.819 ug/ml
5) T A~2-methylnaphthalene...	7.057	942876	9.302 ug/ml
6) T n-Tetradecane (C14)	8.219	978422	9.837 ug/ml
7) T n-Hexadecane (C16)	9.817	992495	9.986 ug/mlm
8) T n-Octadecane (C18)	11.258	1008438	9.955 ug/ml
10) T n-Eicosane (C20)	12.565	982251	9.940 ug/ml
11) T n-Heneicosane (C21)	13.176	975092	9.959 ug/ml
13) T n-Docosane (C22)	13.762	947272	9.872 ug/ml
14) T n-Tetracosane (C24)	14.863	943849	9.983 ug/ml
15) T n-Hexacosane (C26)	15.881	870333	9.758 ug/ml
16) T n-Octacosane (C28)	16.829	868943	9.943 ug/ml
17) T n-Tricontane (C30)	17.712	846492	9.919 ug/mlm
18) T n-Dotriacontane (C32)	18.545	839083	10.039 ug/ml
19) T n-Tetratriacontane (C34)	19.325	833761	9.915 ug/mlm
20) T n-Hexatriacontane (C36)	20.063	805097	9.775 ug/ml
21) T n-Octatriacontane (C38)	20.794	763223	9.678 ug/ml
22) T n-Tetracontane (C40)	21.697	734642	9.481 ug/ml

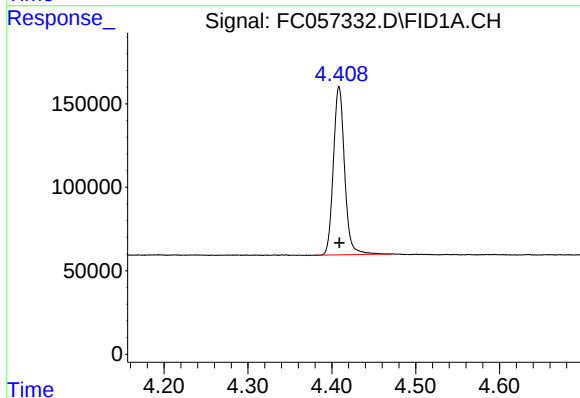
(f)=RT Delta > 1/2 Window

(m)=manual int.



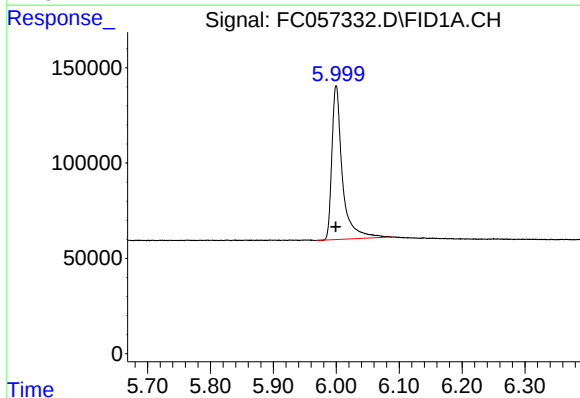
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 954533
Conc: 9.77 ug/ml



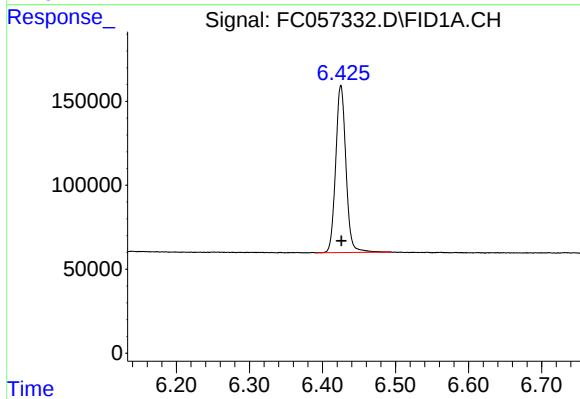
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 939196
Conc: 9.66 ug/ml



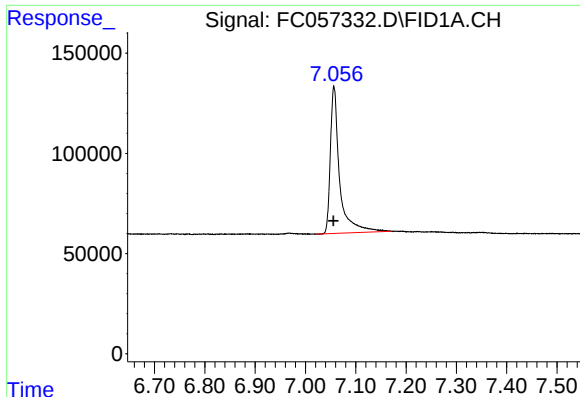
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 938499
Conc: 9.13 ug/ml



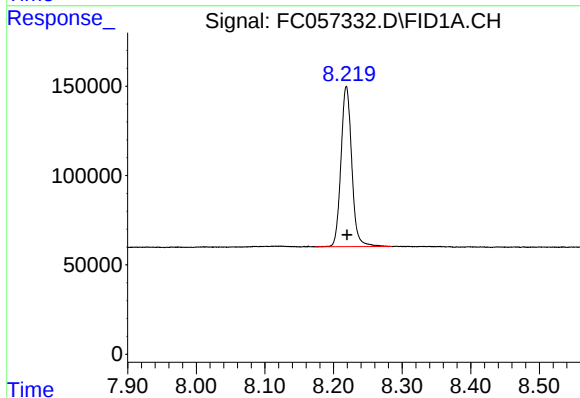
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 972312
Conc: 9.82 ug/ml



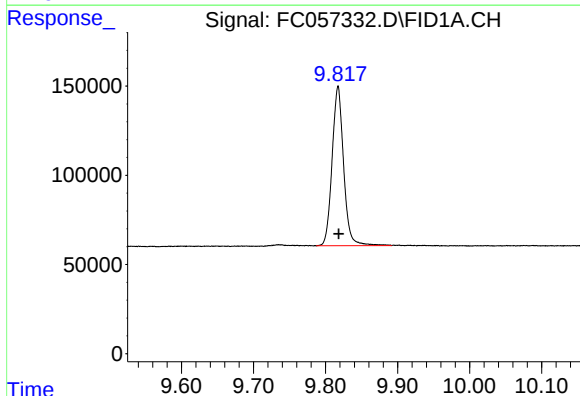
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 942876
Conc: 9.30 ug/ml



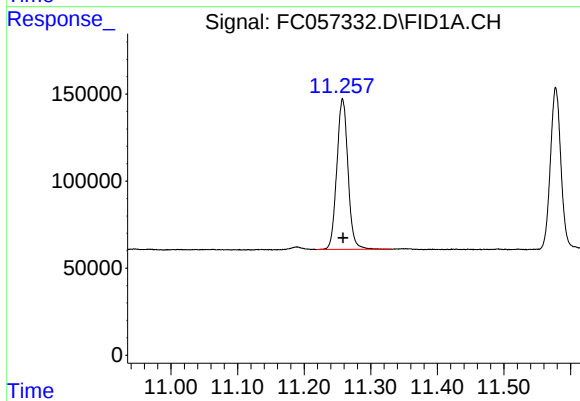
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 978422
Conc: 9.84 ug/ml



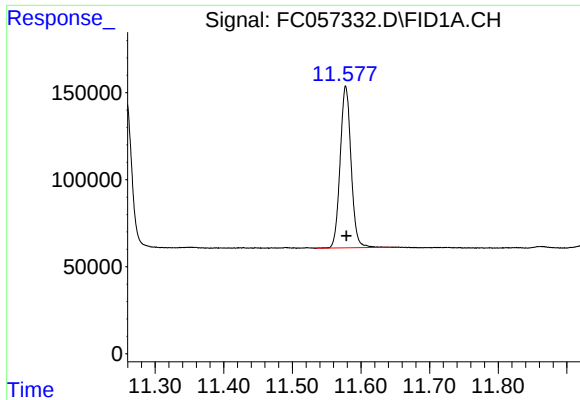
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.001 min
Response: 992495
Conc: 9.99 ug/ml m



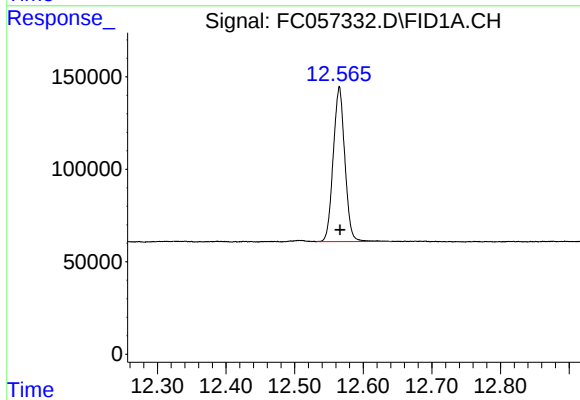
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 1008438
Conc: 9.95 ug/ml



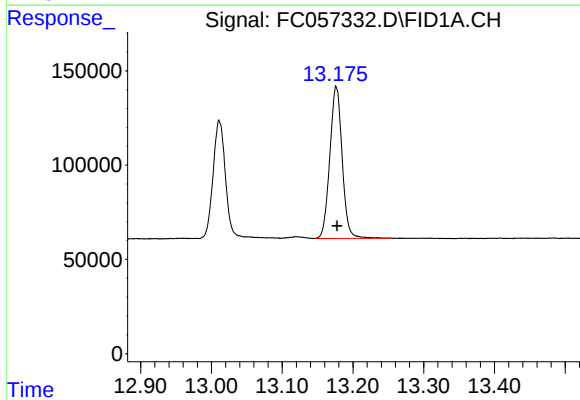
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 1024496
Conc: 9.85 ug/ml



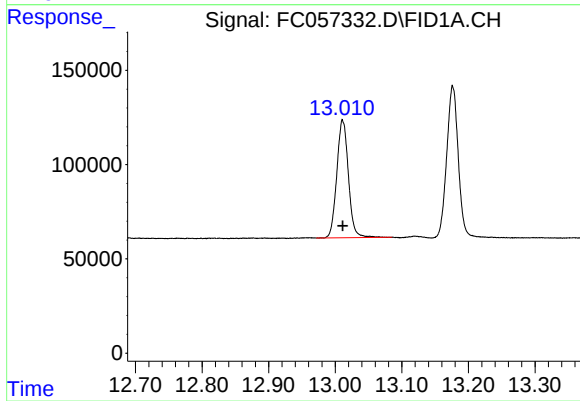
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: -0.001 min
Response: 982251
Conc: 9.94 ug/ml



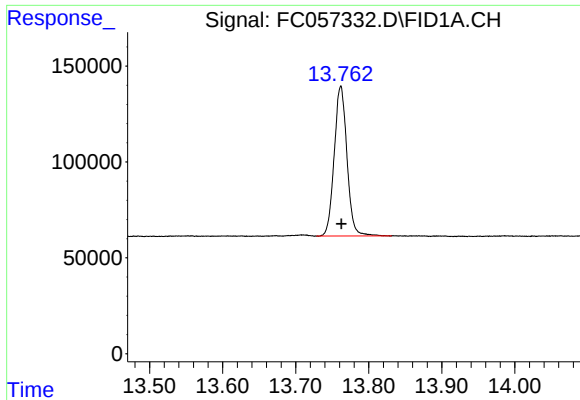
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: 0.000 min
Response: 975092
Conc: 9.96 ug/ml



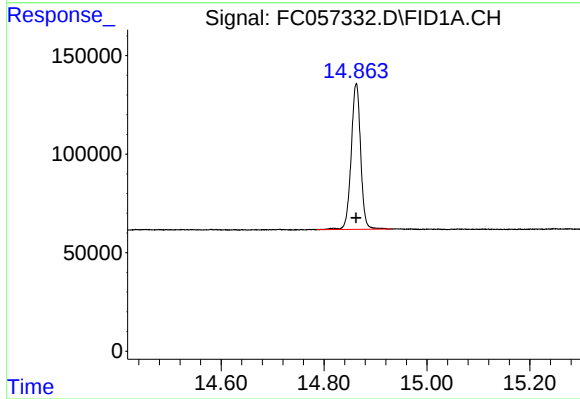
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 757513
Conc: 9.68 ug/ml



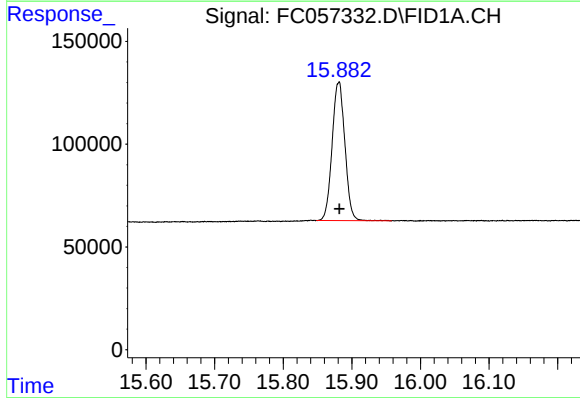
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: 0.000 min
Response: 947272
Conc: 9.87 ug/ml



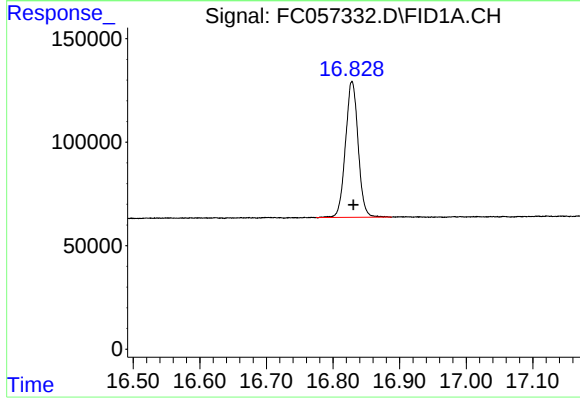
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: 0.000 min
Response: 943849
Conc: 9.98 ug/ml



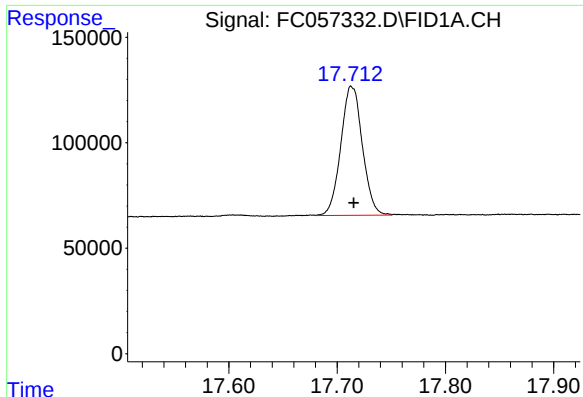
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.001 min
Response: 870333
Conc: 9.76 ug/ml



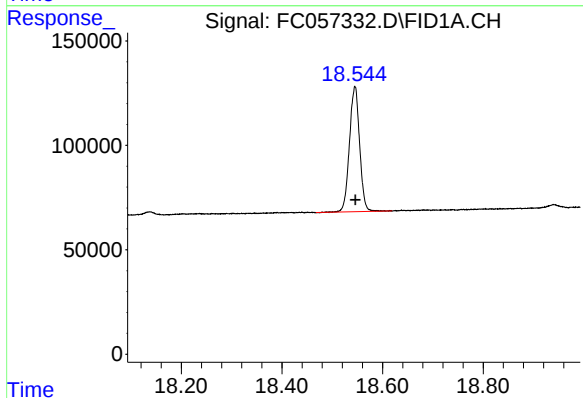
#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.002 min
Response: 868943
Conc: 9.94 ug/ml



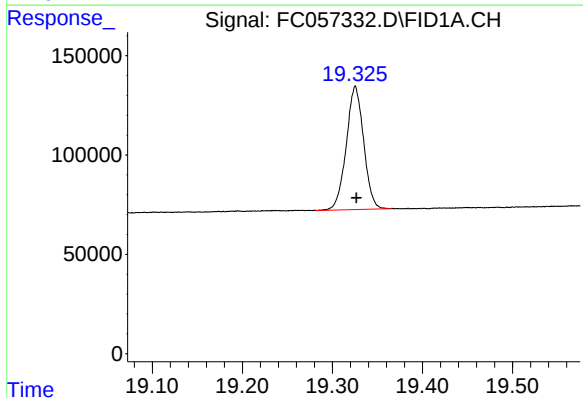
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.003 min
Response: 846492
Conc: 9.92 ug/ml m



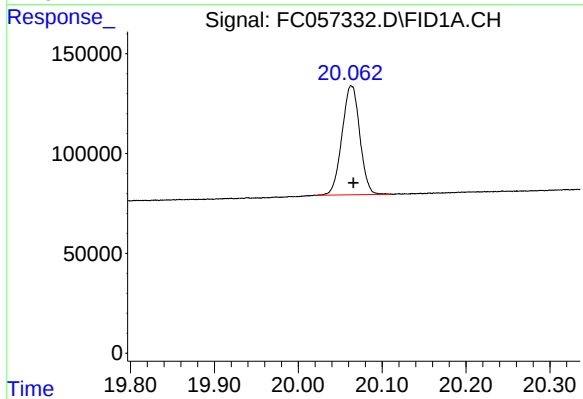
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.000 min
Response: 839083
Conc: 10.04 ug/ml



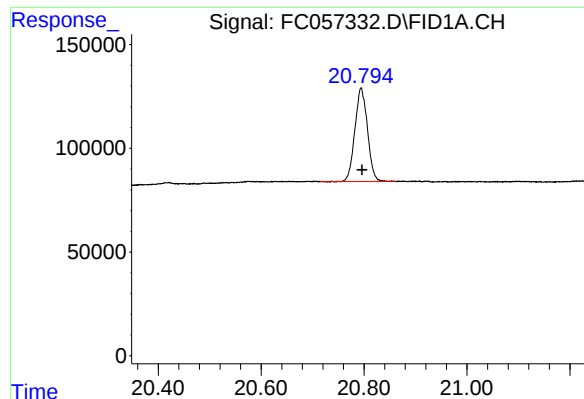
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.001 min
Response: 833761
Conc: 9.92 ug/ml m



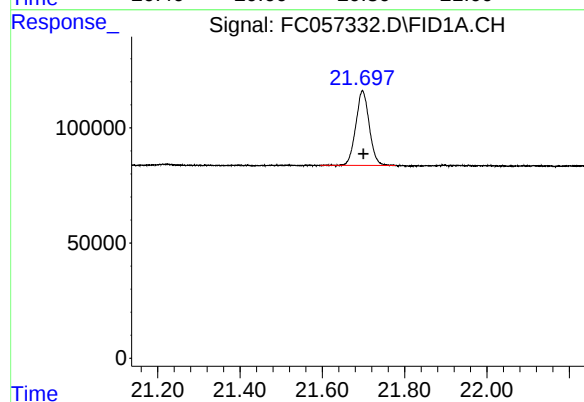
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.002 min
Response: 805097
Conc: 9.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.002 min
Response: 763223
Conc: 9.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.002 min
Response: 734642
Conc: 9.48 ug/ml