

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011124AL\
 Data File : FE046169.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2024 08:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 01:45:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

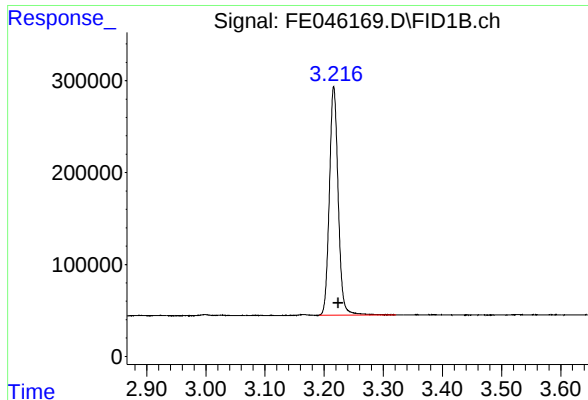
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.832	3312901	18.230 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
12) S 1-chlorooctadecane (S...	13.275	2464088	18.442 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.216	2573103	16.813 ug/ml
2) T n-Decane (C10)	4.467	2658433	17.129 ug/ml
3) T A~Naphthalene (C11.7)	6.171	2831827	17.028 ug/ml
4) T n-Dodecane (C12)	6.635	2714971	17.388 ug/ml
5) T A~2-methylnaphthalene...	7.268	2746703	17.252 ug/ml
6) T n-Tetradecane (C14)	8.462	2735942	17.564 ug/ml
7) T n-Hexadecane (C16)	10.072	2826182	17.847 ug/ml
8) T n-Octadecane (C18)	11.517	2862606	18.188 ug/ml
10) T n-Eicosane (C20)	12.829	2786519	18.420 ug/ml
11) T n-Heneicosane (C21)	13.443	2719287	18.492 ug/ml
13) T n-Docosane (C22)	14.029	2758147	18.869 ug/ml
14) T n-Tetracosane (C24)	15.136	2883138	19.879 ug/ml
15) T n-Hexacosane (C26)	16.159	2874057	20.047 ug/ml
16) T n-Octacosane (C28)	17.113	2994430	20.879 ug/ml
17) T n-Tricontane (C30)	18.004	3163529	21.284 ug/ml
18) T n-Dotriacontane (C32)	18.837	3123423	20.884 ug/ml
19) T n-Tetratriacontane (C34)	19.625	2908467	20.303 ug/ml
20) T n-Hexatriacontane (C36)	20.368	2649909	18.175 ug/ml
21) T n-Octatriacontane (C38)	21.099	2722233	18.461 ug/ml
22) T n-Tetracontane (C40)	21.999	2658523	16.985 ug/ml

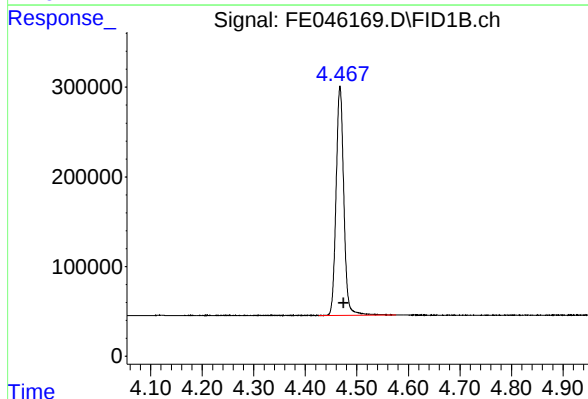
(f)=RT Delta > 1/2 Window

(m)=manual int.



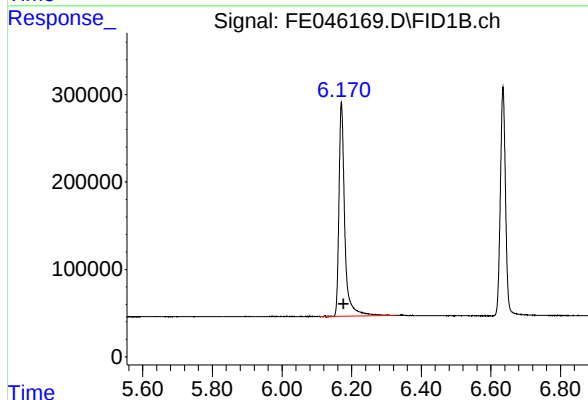
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.008 min
Response: 2573103
Conc: 16.81 ug/ml



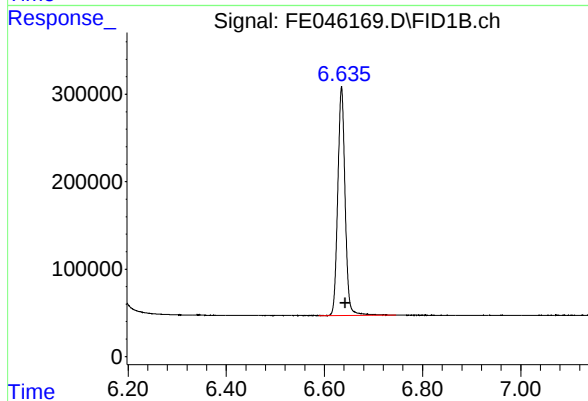
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.007 min
Response: 2658433
Conc: 17.13 ug/ml



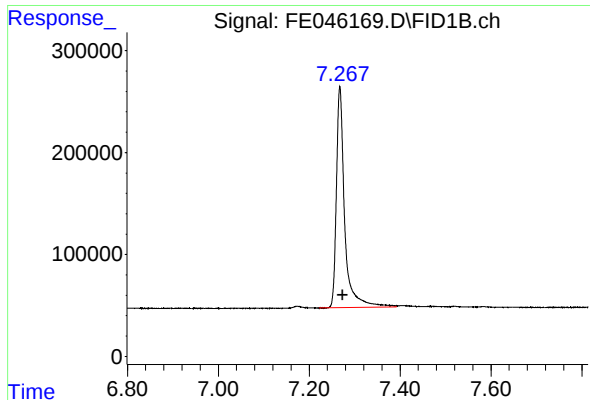
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 2831827
Conc: 17.03 ug/ml



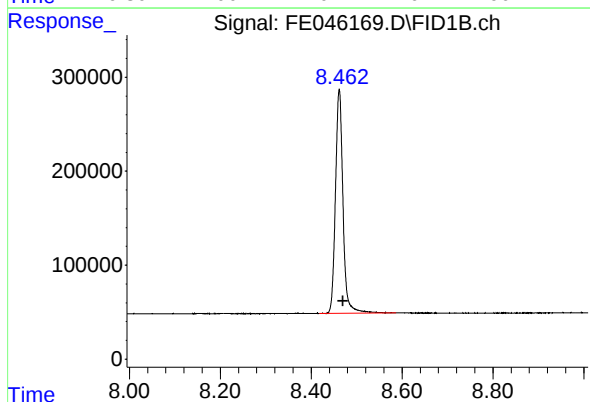
#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 2714971
Conc: 17.39 ug/ml



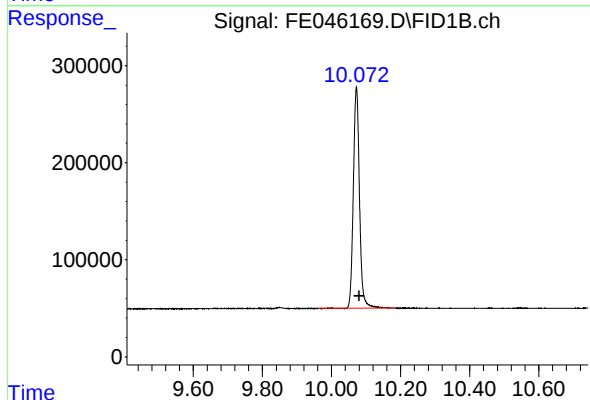
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 2746703
Conc: 17.25 ug/ml



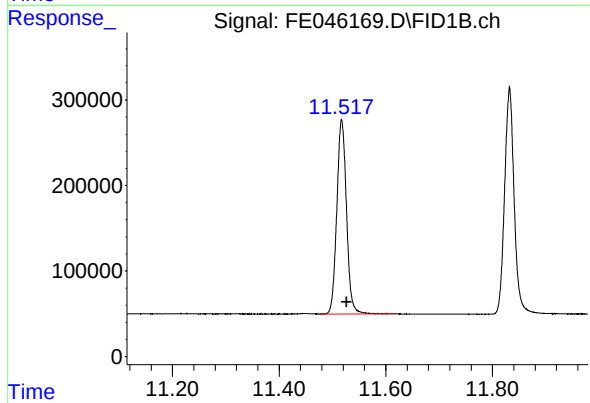
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 2735942
Conc: 17.56 ug/ml



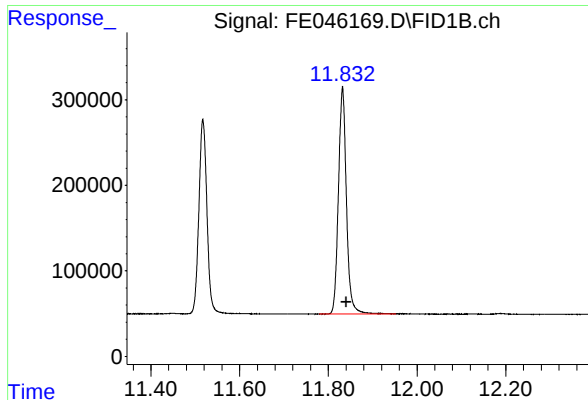
#7 n-Hexadecane (C16)

R.T.: 10.072 min
Delta R.T.: -0.008 min
Response: 2826182
Conc: 17.85 ug/ml



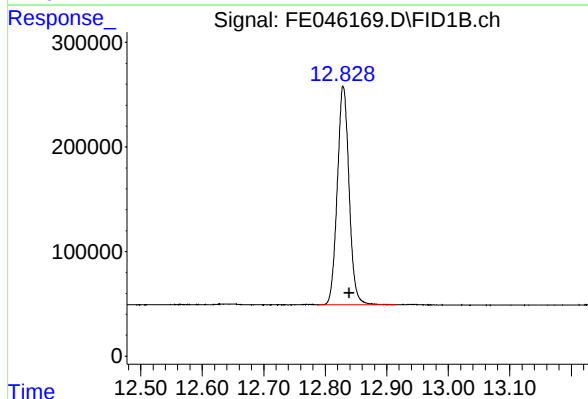
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.010 min
Response: 2862606
Conc: 18.19 ug/ml



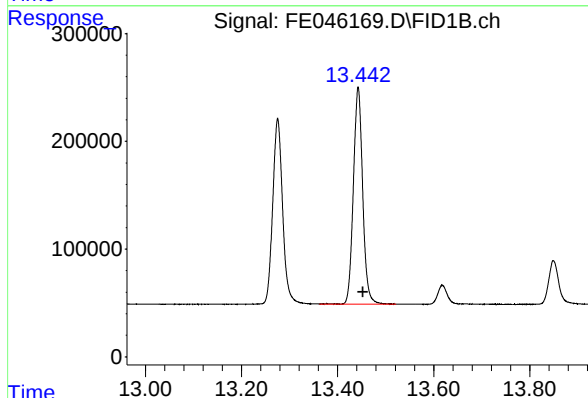
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.008 min
Response: 3312901
Conc: 18.23 ug/ml



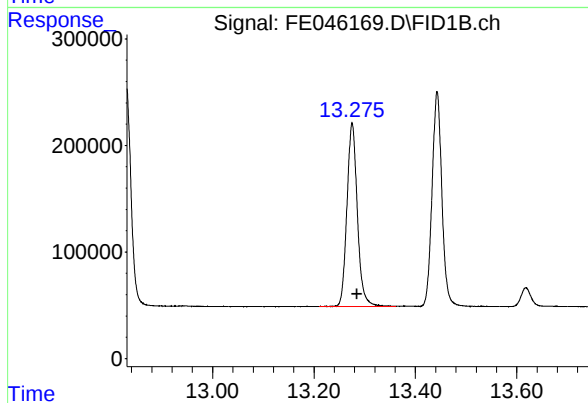
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.010 min
Response: 2786519
Conc: 18.42 ug/ml



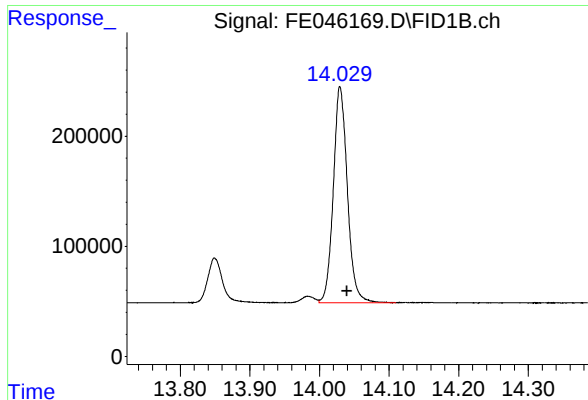
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.010 min
Response: 2719287
Conc: 18.49 ug/ml



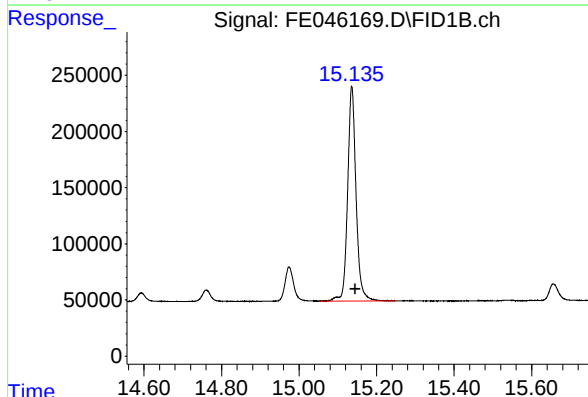
#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.009 min
Response: 2464088
Conc: 18.44 ug/ml



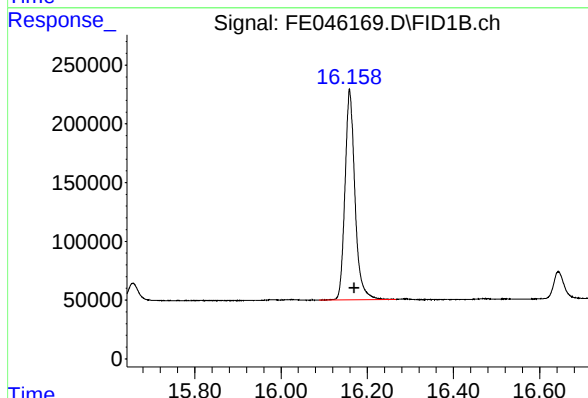
#13 n-Docosane (C22)

R.T.: 14.029 min
Delta R.T.: -0.010 min
Response: 2758147
Conc: 18.87 ug/ml



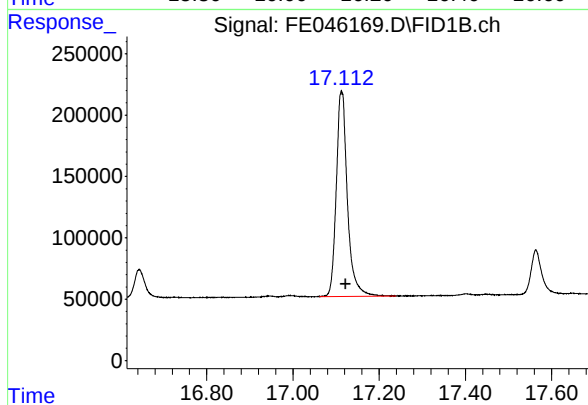
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.009 min
Response: 2883138
Conc: 19.88 ug/ml



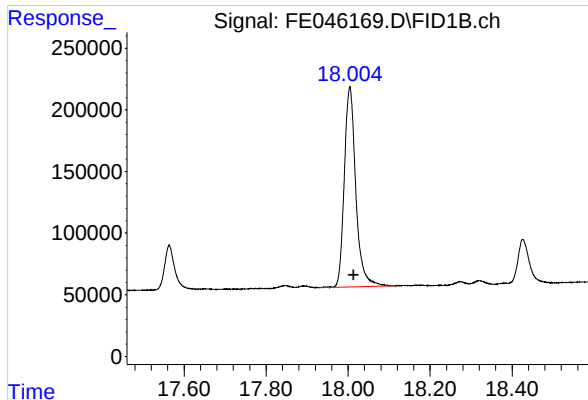
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.011 min
Response: 2874057
Conc: 20.05 ug/ml



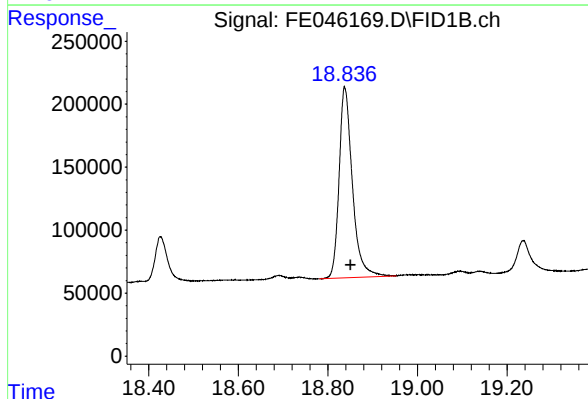
#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.010 min
Response: 2994430
Conc: 20.88 ug/ml



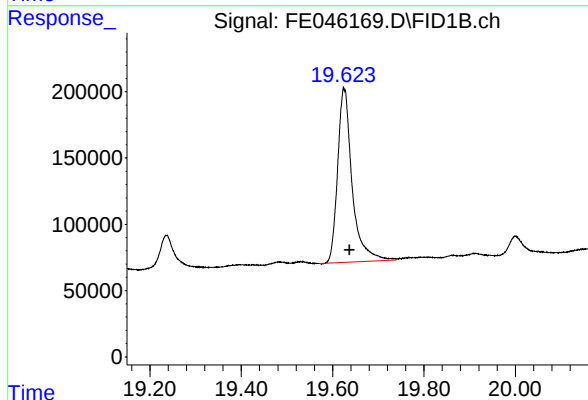
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.009 min
Response: 3163529
Conc: 21.28 ug/ml



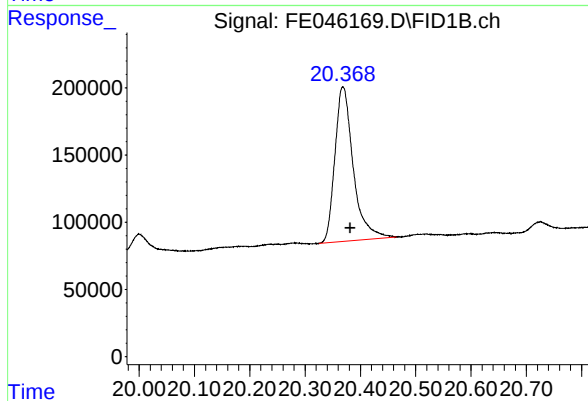
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 3123423
Conc: 20.88 ug/ml



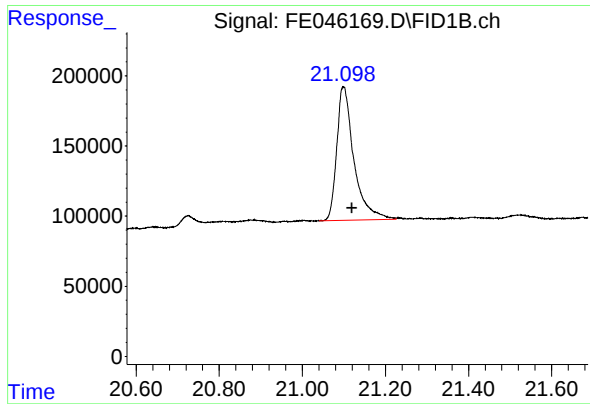
#19 n-Tetatriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.012 min
Response: 2908467
Conc: 20.30 ug/ml



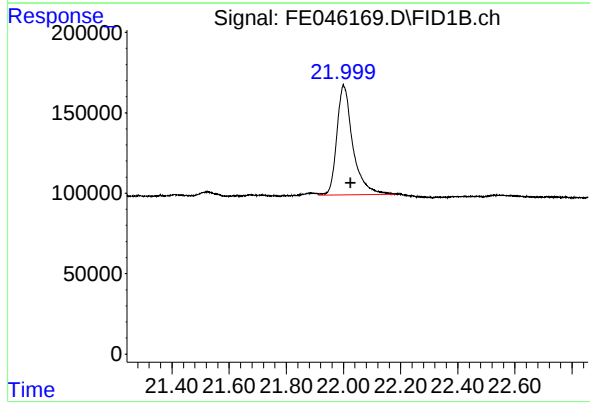
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.014 min
Response: 2649909
Conc: 18.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.021 min
Response: 2722233
Conc: 18.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.026 min
Response: 2658523
Conc: 16.98 ug/ml