

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020223AL\
 Data File : FC062866.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2023 22:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 23:39:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 2023
 Response via : Initial Calibration
 Integrator: ChemStation

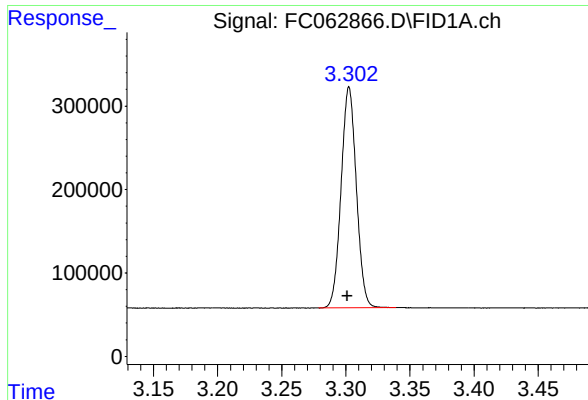
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.551	2375369	19.103 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	12.991	1816830	19.263 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.303	2184272	20.211 ug/ml
2) T n-Decane (C10)	4.372	2146279	20.658 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2390567	20.213 ug/ml
4) T n-Dodecane (C12)	6.394	2140395	20.705 ug/ml
5) T A~2-methylnaphthalene...	7.018	2222664	20.314 ug/ml
6) T n-Tetradecane (C14)	8.191	2114196	20.608 ug/ml
7) T n-Hexadecane (C16)	9.794	2148309	19.856 ug/ml
8) T n-Octadecane (C18)	11.238	2160399	19.487 ug/ml
10) T n-Eicosane (C20)	12.546	2109576	19.349 ug/ml
11) T n-Heneicosane (C21)	13.159	2111498	19.399 ug/ml
13) T n-Docosane (C22)	13.745	2132515	19.794 ug/ml
14) T n-Tetracosane (C24)	14.846	2148151	20.058 ug/ml
15) T n-Hexacosane (C26)	15.867	2182453	20.710 ug/ml
16) T n-Octacosane (C28)	16.815	2232340	21.364 ug/ml
17) T n-Tricontane (C30)	17.702	2321431	22.232 ug/ml
18) T n-Dotriacontane (C32)	18.535	2358260	21.833 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2491252	23.701 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2243964	22.282 ug/ml
21) T n-Octatriacontane (C38)	20.788	2038600	20.304 ug/ml
22) T n-Tetracontane (C40)	21.698	3232320	33.535 ug/ml

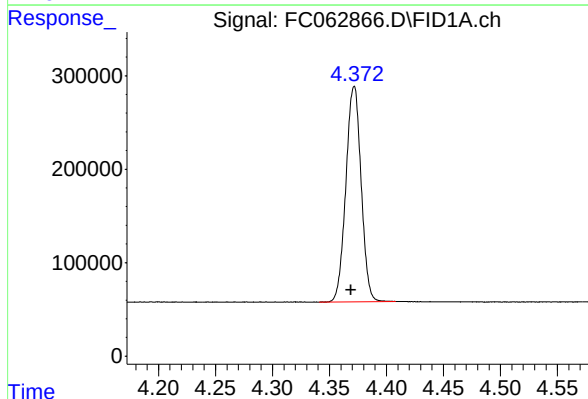
(f)=RT Delta > 1/2 Window

(m)=manual int.



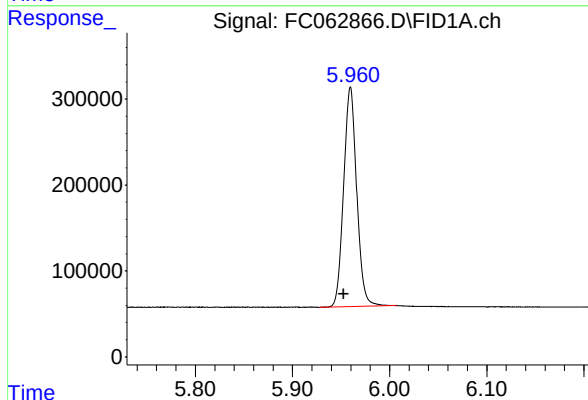
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 2184272
Conc: 20.21 ug/ml



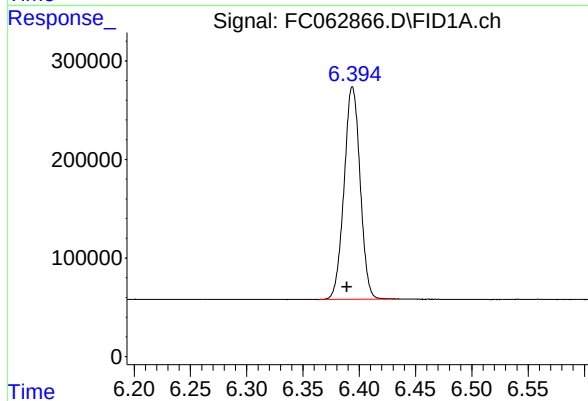
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.003 min
Response: 2146279
Conc: 20.66 ug/ml



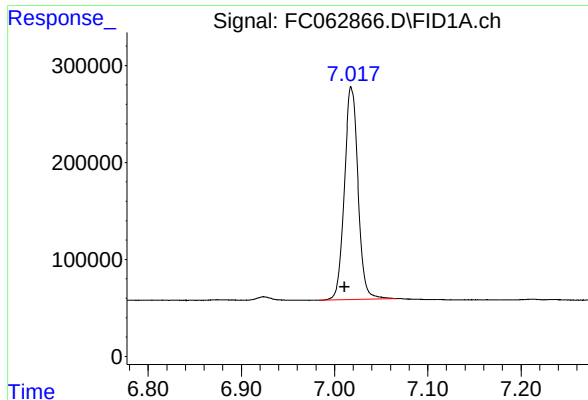
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.007 min
Response: 2390567
Conc: 20.21 ug/ml



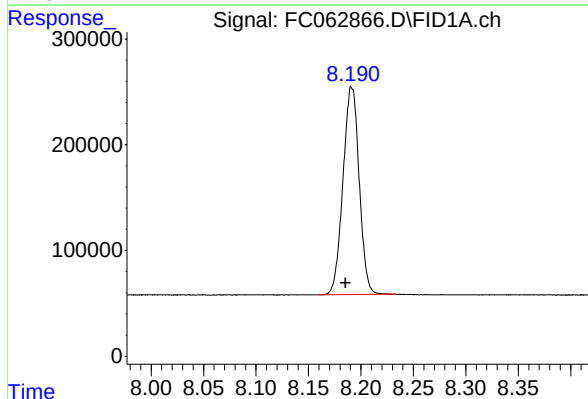
#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: 0.005 min
Response: 2140395
Conc: 20.71 ug/ml



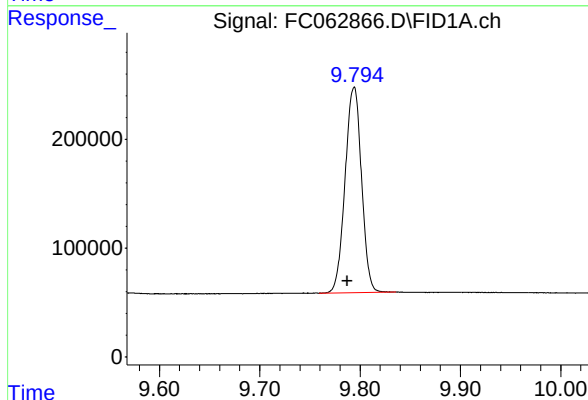
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: 0.007 min
Response: 2222664
Conc: 20.31 ug/ml



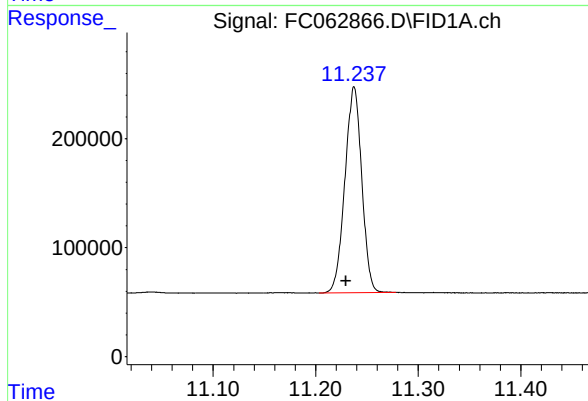
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: 0.006 min
Response: 2114196
Conc: 20.61 ug/ml



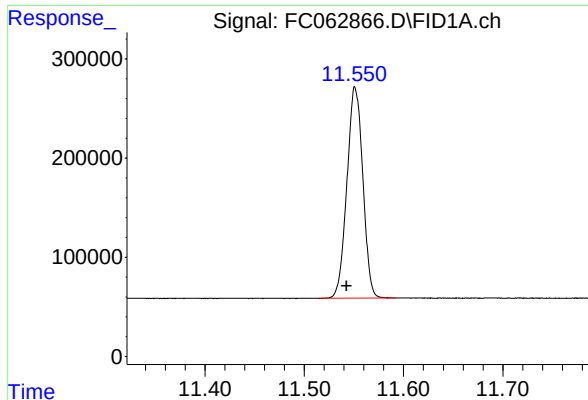
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.007 min
Response: 2148309
Conc: 19.86 ug/ml



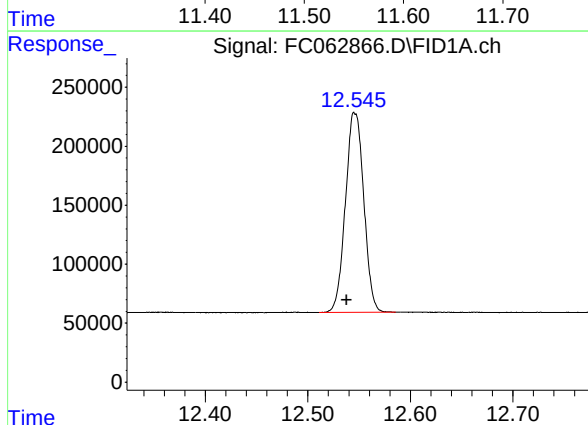
#8 n-Octadecane (C18)

R.T.: 11.238 min
Delta R.T.: 0.008 min
Response: 2160399
Conc: 19.49 ug/ml



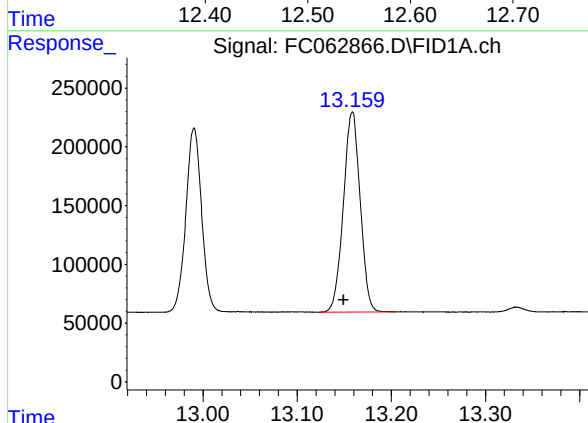
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.009 min
Response: 2375369
Conc: 19.10 ug/ml



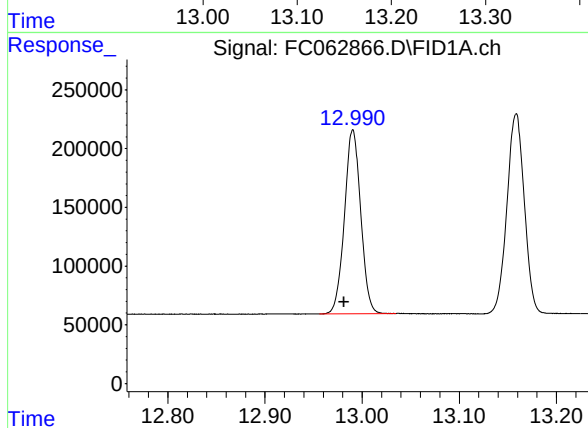
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.008 min
Response: 2109576
Conc: 19.35 ug/ml



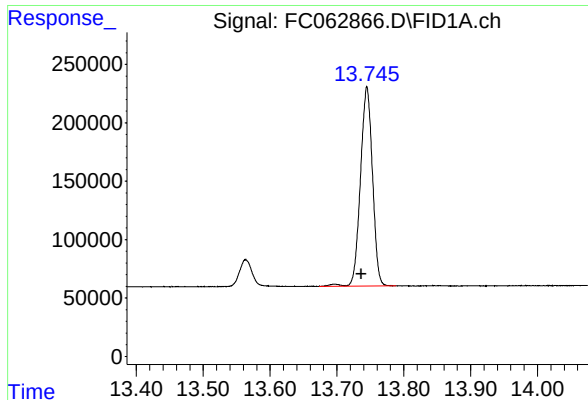
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.009 min
Response: 2111498
Conc: 19.40 ug/ml



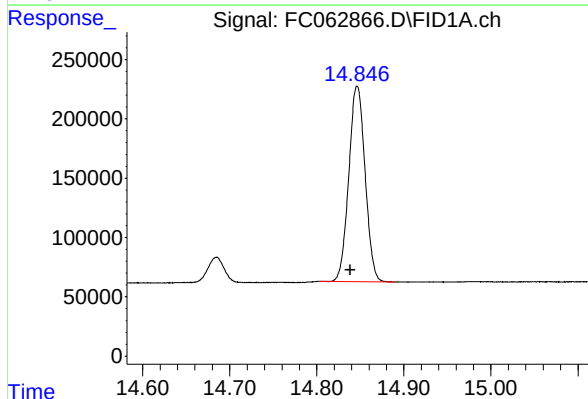
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: 0.009 min
Response: 1816830
Conc: 19.26 ug/ml



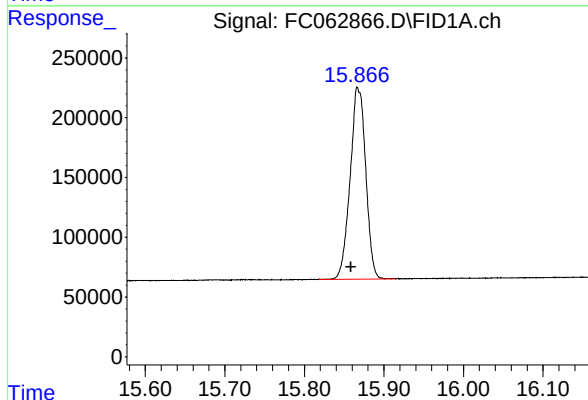
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: 0.008 min
Response: 2132515
Conc: 19.79 ug/ml



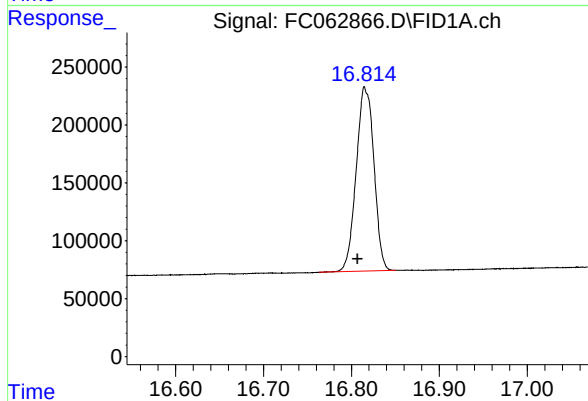
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: 0.008 min
Response: 2148151
Conc: 20.06 ug/ml



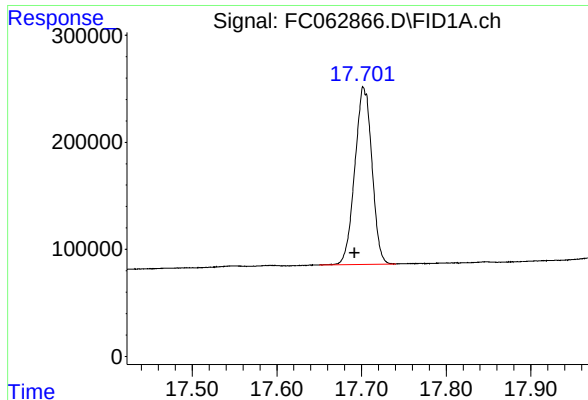
#15 n-Hexacosane (C26)

R.T.: 15.867 min
Delta R.T.: 0.008 min
Response: 2182453
Conc: 20.71 ug/ml



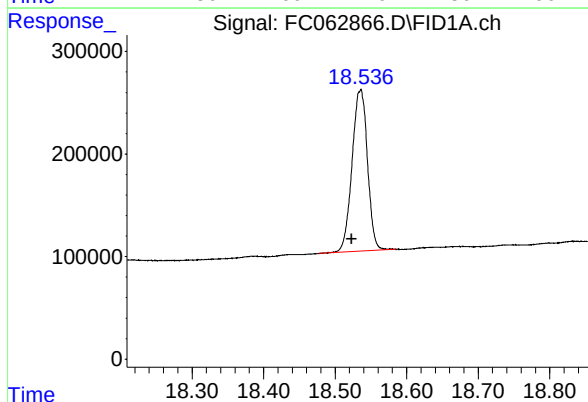
#16 n-Octacosane (C28)

R.T.: 16.815 min
Delta R.T.: 0.008 min
Response: 2232340
Conc: 21.36 ug/ml



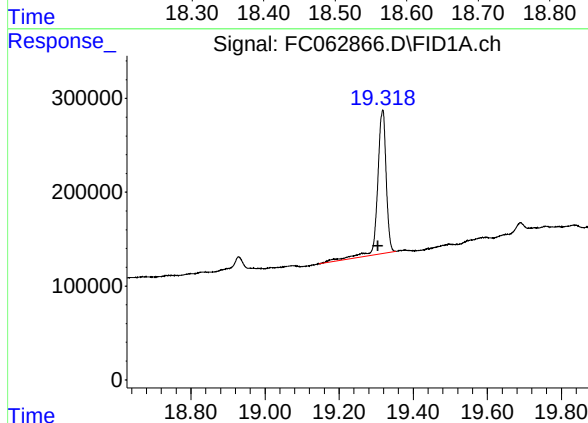
#17 n-Tricontane (C30)

R.T.: 17.702 min
Delta R.T.: 0.011 min
Response: 2321431
Conc: 22.23 ug/ml



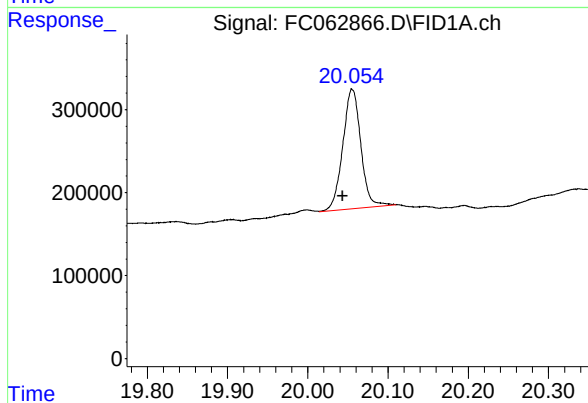
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: 0.012 min
Response: 2358260
Conc: 21.83 ug/ml



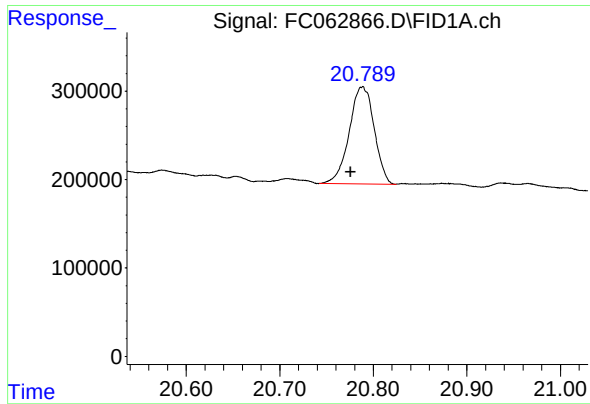
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: 0.013 min
Response: 2491252
Conc: 23.70 ug/ml



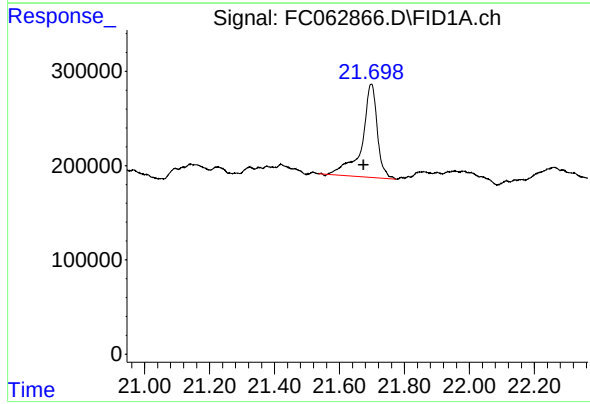
#20 n-Hexatriacontane (C36)

R.T.: 20.055 min
Delta R.T.: 0.012 min
Response: 2243964
Conc: 22.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.788 min
Delta R.T.: 0.012 min
Response: 2038600
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.024 min
Response: 3232320
Conc: 33.54 ug/ml