

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071222AL\
 Data File : FD043219.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2022 10:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 02:04:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

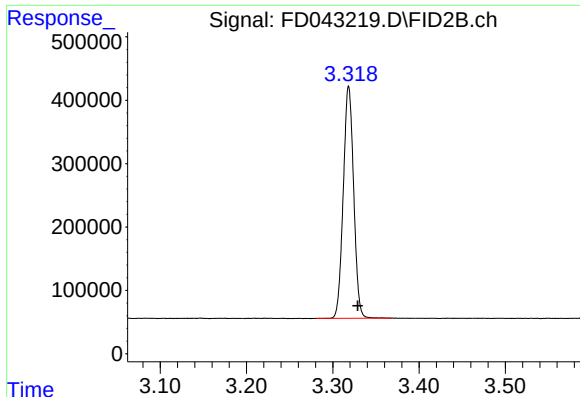
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.532	3608526	20.375 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	12.967	2661848	19.226 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.319	3070149	20.476 ug/ml
2) T n-Decane (C10)	4.382	3069355	20.565 ug/ml
3) T A~Naphthalene (C11.7)	5.960	3510640	20.707 ug/ml
4) T n-Dodecane (C12)	6.395	3157804	20.657 ug/ml
5) T A~2-methylnaphthalene...	7.013	3540921	20.611 ug/ml
6) T n-Tetradecane (C14)	8.186	3158402	20.526 ug/ml
7) T n-Hexadecane (C16)	9.782	3180961	20.356 ug/ml
8) T n-Octadecane (C18)	11.219	3254184	20.543 ug/ml
10) T n-Eicosane (C20)	12.525	3257864	20.524 ug/ml
11) T n-Heneicosane (C21)	13.135	3243051	20.312 ug/ml
13) T n-Docosane (C22)	13.720	3324481	20.808 ug/ml
14) T n-Tetracosane (C24)	14.819	3414591	21.266 ug/ml
15) T n-Hexacosane (C26)	15.837	3458865	21.771 ug/ml
16) T n-Octacosane (C28)	16.782	3510947	22.404 ug/ml
17) T n-Tricontane (C30)	17.666	3415040	22.503 ug/ml
18) T n-Dotriacontane (C32)	18.495	3075980	21.845 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2630195	20.655 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2271754	19.733 ug/ml
21) T n-Octatriacontane (C38)	20.733	1917355	17.800 ug/ml
22) T n-Tetracontane (C40)	21.609	1679359	15.799 ug/ml

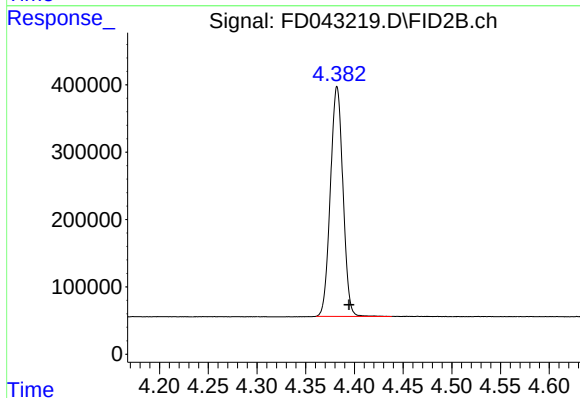
(f)=RT Delta > 1/2 Window

(m)=manual int.



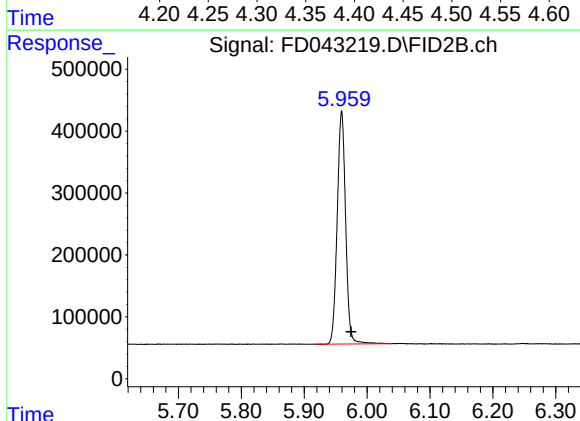
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.010 min
Response: 3070149
Conc: 20.48 ug/ml



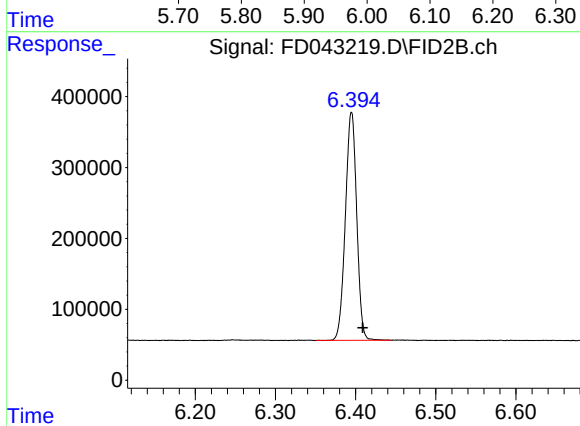
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.012 min
Response: 3069355
Conc: 20.56 ug/ml



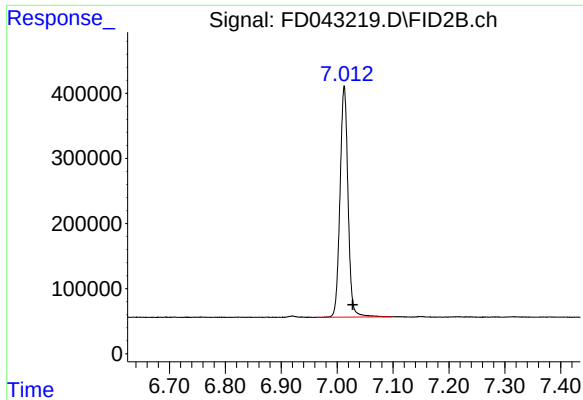
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.015 min
Response: 3510640
Conc: 20.71 ug/ml



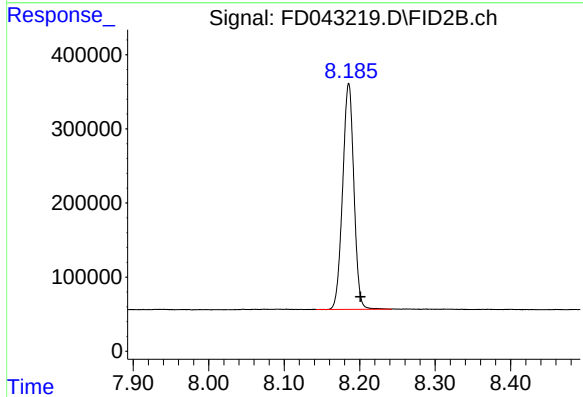
#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: -0.014 min
Response: 3157804
Conc: 20.66 ug/ml



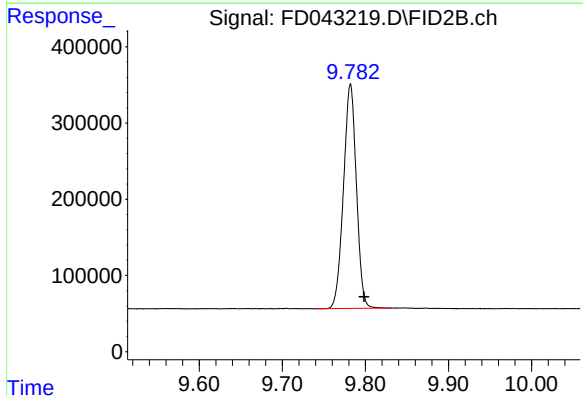
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: -0.015 min
Response: 3540921
Conc: 20.61 ug/ml



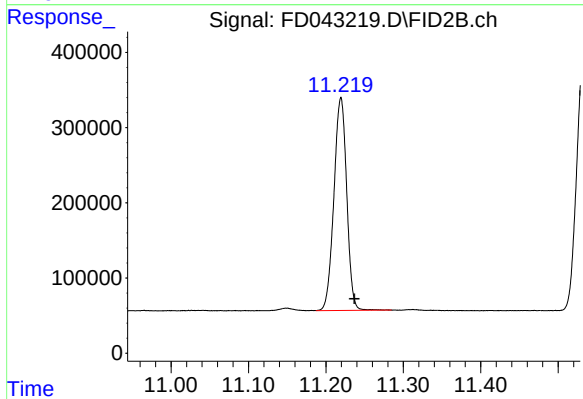
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.015 min
Response: 3158402
Conc: 20.53 ug/ml



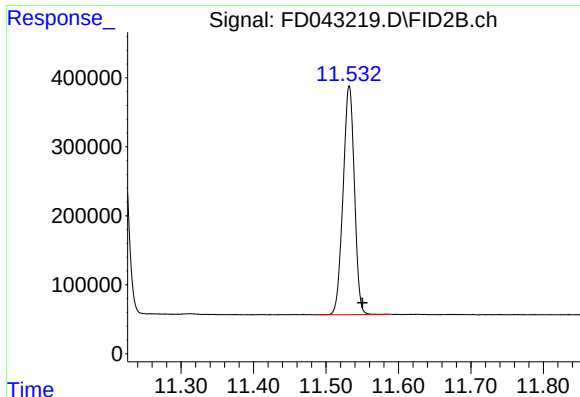
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.016 min
Response: 3180961
Conc: 20.36 ug/ml



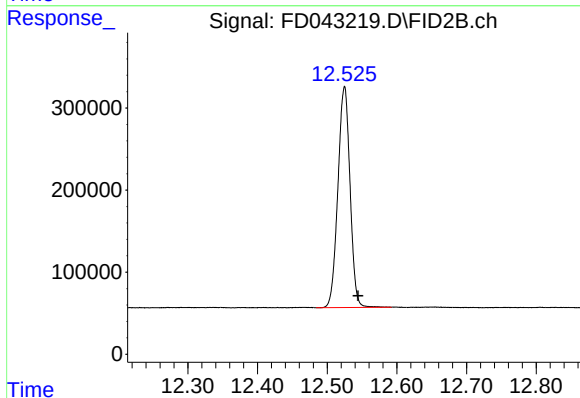
#8 n-Octadecane (C18)

R.T.: 11.219 min
Delta R.T.: -0.017 min
Response: 3254184
Conc: 20.54 ug/ml



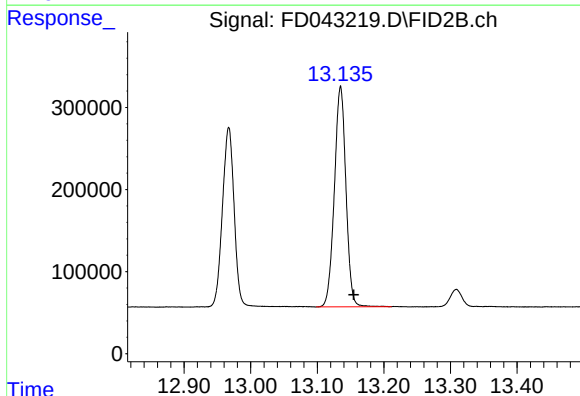
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.018 min
Response: 3608526
Conc: 20.38 ug/ml



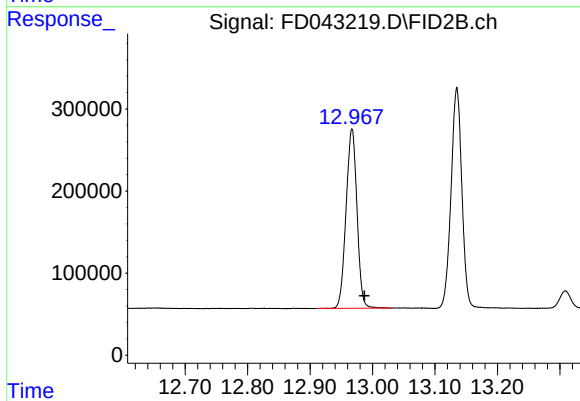
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.019 min
Response: 3257864
Conc: 20.52 ug/ml



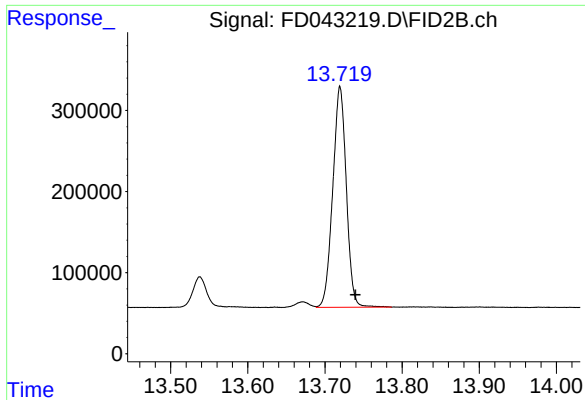
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.020 min
Response: 3243051
Conc: 20.31 ug/ml



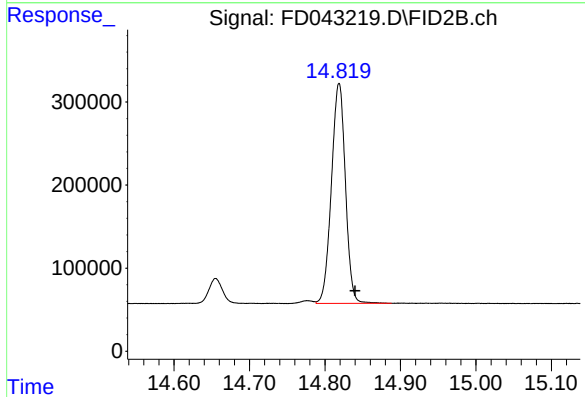
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.020 min
Response: 2661848
Conc: 19.23 ug/ml



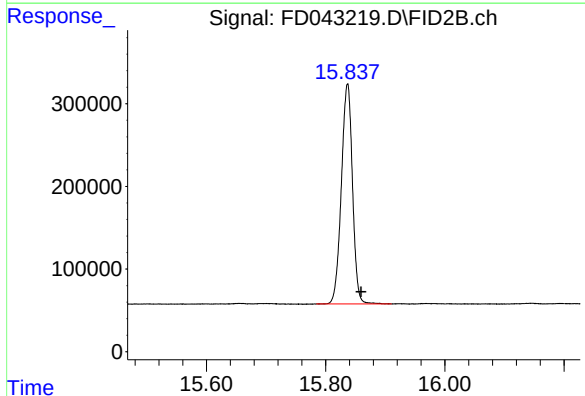
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.020 min
Response: 3324481
Conc: 20.81 ug/ml



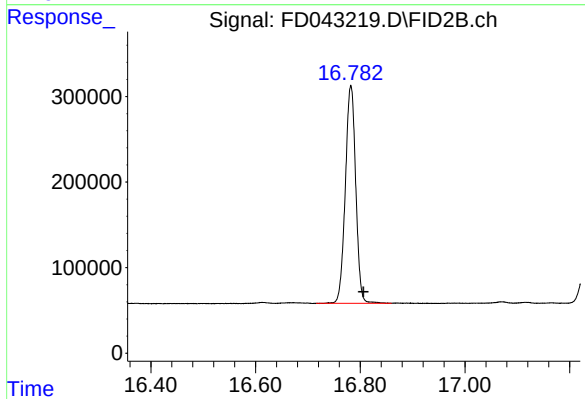
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.021 min
Response: 3414591
Conc: 21.27 ug/ml



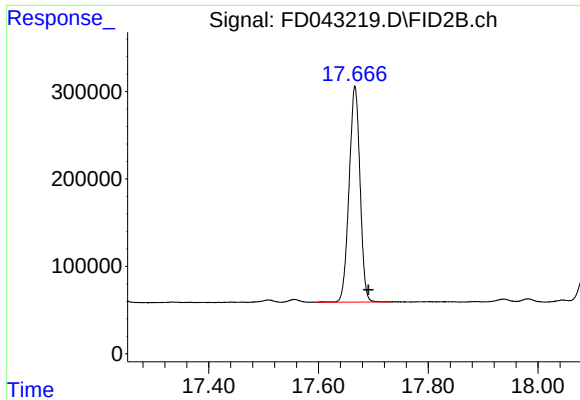
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.022 min
Response: 3458865
Conc: 21.77 ug/ml



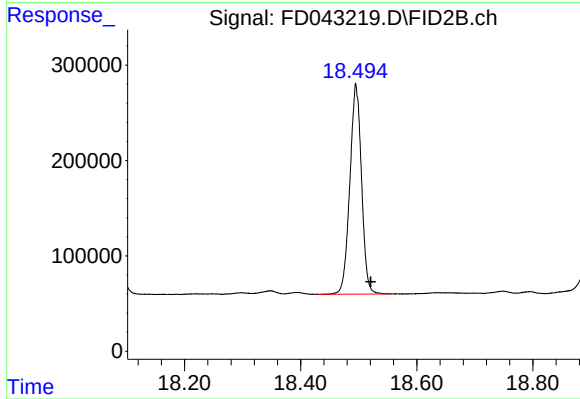
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.024 min
Response: 3510947
Conc: 22.40 ug/ml



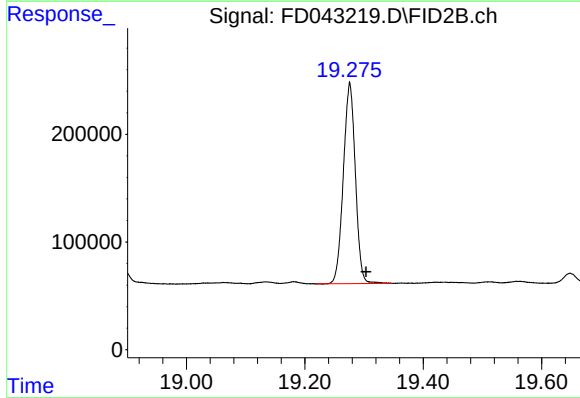
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.025 min
Response: 3415040
Conc: 22.50 ug/ml



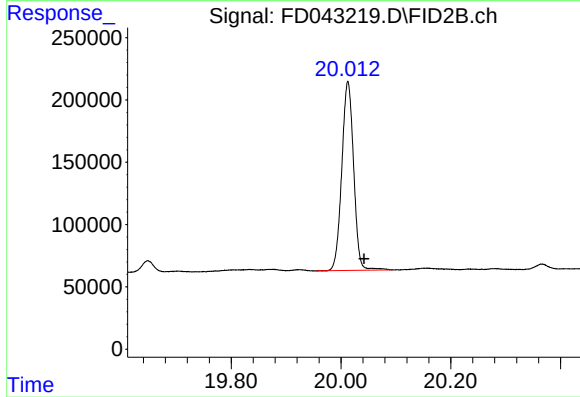
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.026 min
Response: 3075980
Conc: 21.85 ug/ml



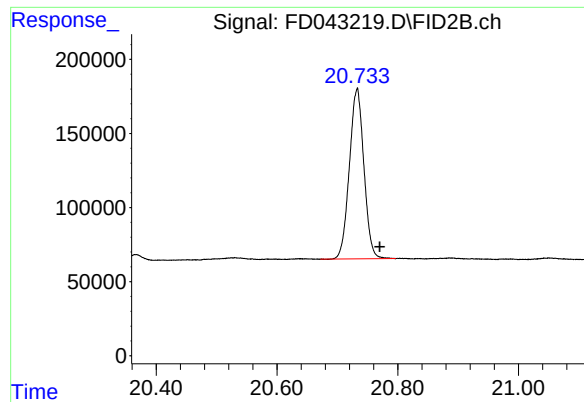
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.027 min
Response: 2630195
Conc: 20.66 ug/ml



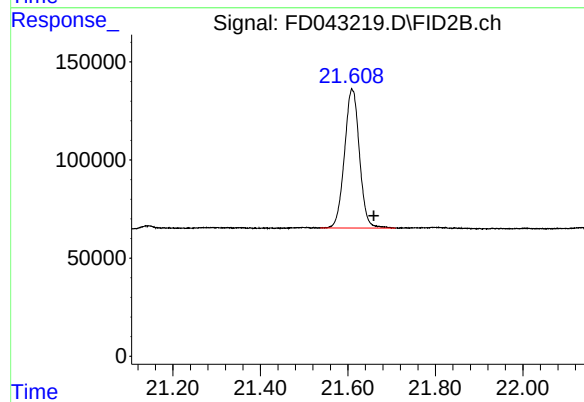
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.030 min
Response: 2271754
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.037 min
Response: 1917355
Conc: 17.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: -0.050 min
Response: 1679359
Conc: 15.80 ug/ml