

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102219AL\
 Data File : FD031194.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2019 5:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 23 06:24:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.437	2546202	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	12.867	1887765	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.260	2416573	23.102 ug/ml
2) T n-Decane (C10)	4.315	2433207	23.211 ug/ml
3) T A~Naphthalene (C11.7)	5.886	2632041	22.970 ug/ml
4) T n-Dodecane (C12)	6.318	2426725	22.688 ug/ml
5) T A~2-methylnaphthalene...	6.936	2609847	22.640 ug/ml
6) T n-Tetradecane (C14)	8.103	2386502	22.190 ug/ml
7) T n-Hexadecane (C16)	9.693	2343103	21.757 ug/ml
8) T n-Octadecane (C18)	11.126	2295790	20.999 ug/ml
10) T n-Eicosane (C20)	12.427	2233524	20.426 ug/ml
11) T n-Heneicosane (C21)	13.035	2219702	20.196 ug/ml
13) T n-Docosane (C22)	13.617	2184708	19.977 ug/ml
14) T n-Tetracosane (C24)	14.711	2163482	19.810 ug/ml
15) T n-Hexacosane (C26)	15.725	2103483	19.437 ug/ml
16) T n-Octacosane (C28)	16.668	2098129	19.544 ug/ml
17) T n-Tricontane (C30)	17.549	2124947	19.948 ug/mlm
18) T n-Dotriacontane (C32)	18.374	2104707	20.445 ug/mlm
19) T n-Tetratriacontane (C34)	19.152	2082753	21.193 ug/mlm
20) T n-Hexatriacontane (C36)	19.886	1984187	21.540 ug/ml
21) T n-Octatriacontane (C38)	20.590	1922373	22.213 ug/mlm
22) T n-Tetracontane (C40)	21.423	2071030	23.308 ug/ml

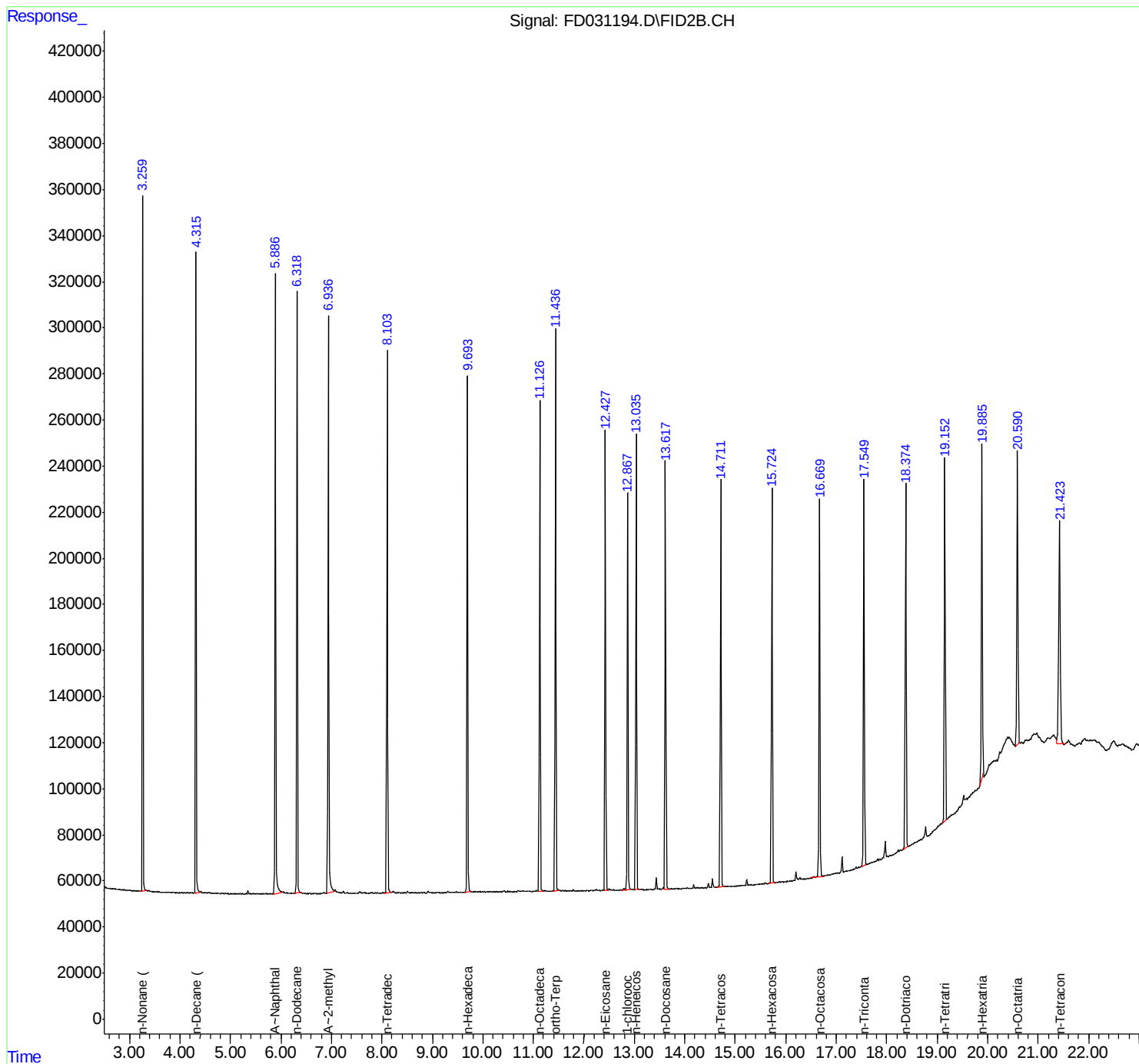
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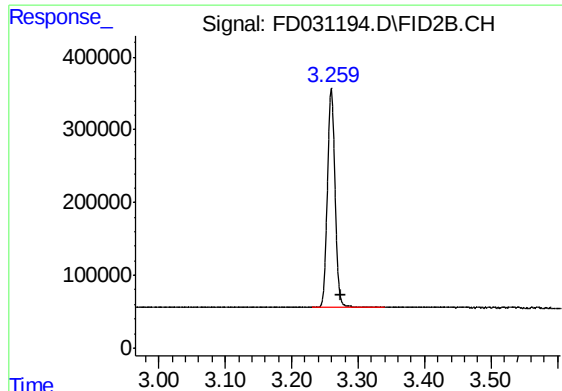
(m)=manual int.

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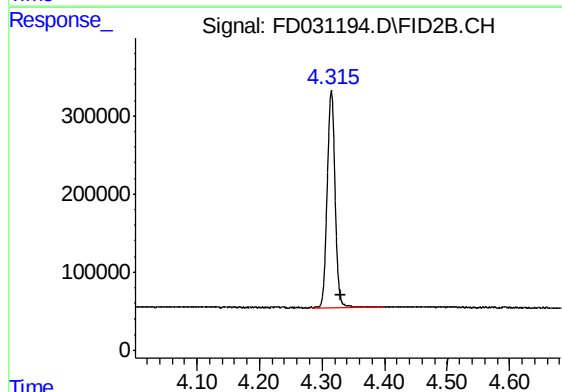
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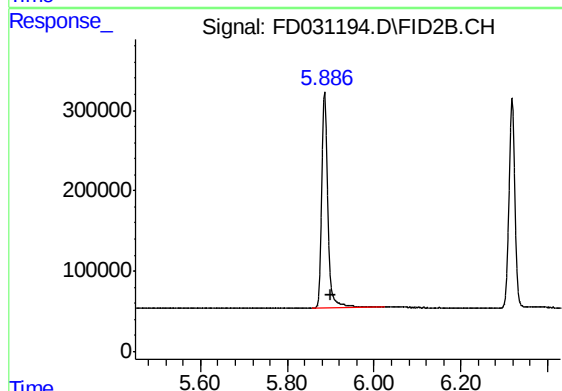
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.014 min
Response: 2416573
Conc: 23.10 ug/ml



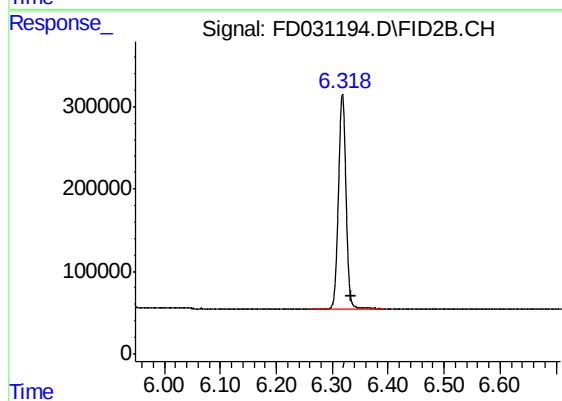
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.016 min
Response: 2433207
Conc: 23.21 ug/ml



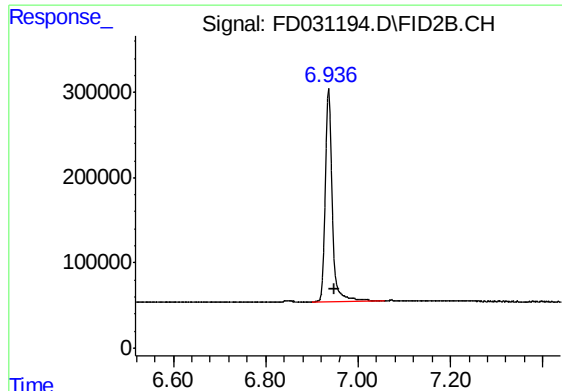
#3 A~Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.014 min
Response: 2632041
Conc: 22.97 ug/ml



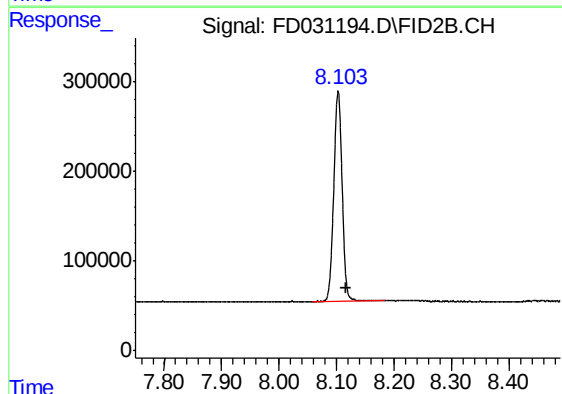
#4 n-Dodecane (C12)

R.T.: 6.318 min
Delta R.T.: -0.016 min
Response: 2426725
Conc: 22.69 ug/ml



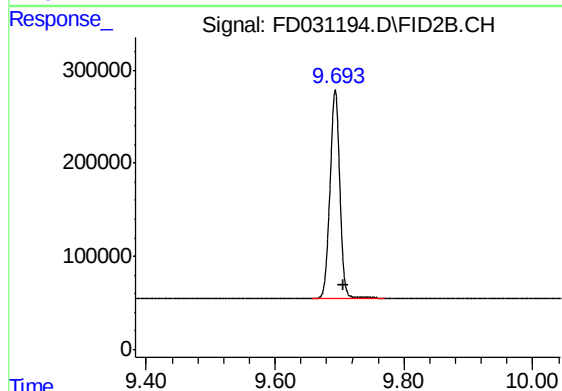
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.014 min
Response: 2609847
Conc: 22.64 ug/ml



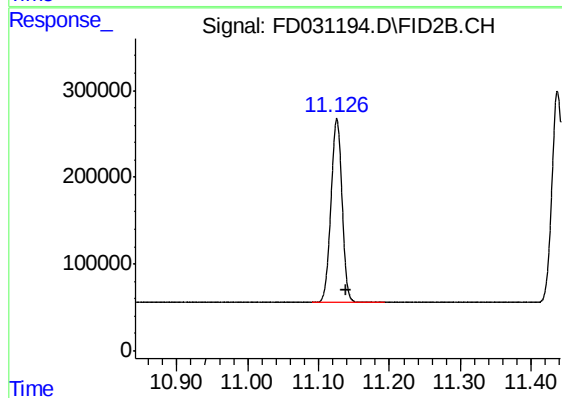
#6 n-Tetradecane (C14)

R.T.: 8.103 min
Delta R.T.: -0.014 min
Response: 2386502
Conc: 22.19 ug/ml



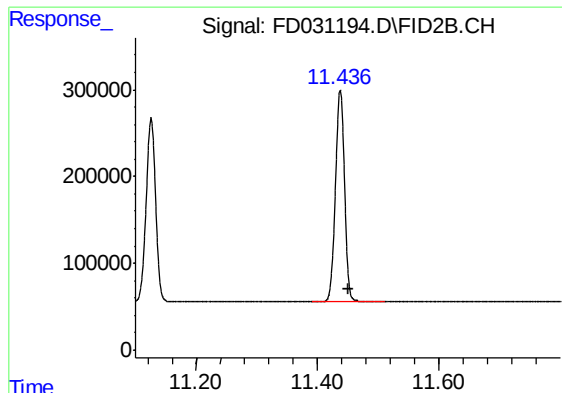
#7 n-Hexadecane (C16)

R.T.: 9.693 min
Delta R.T.: -0.013 min
Response: 2343103
Conc: 21.76 ug/ml



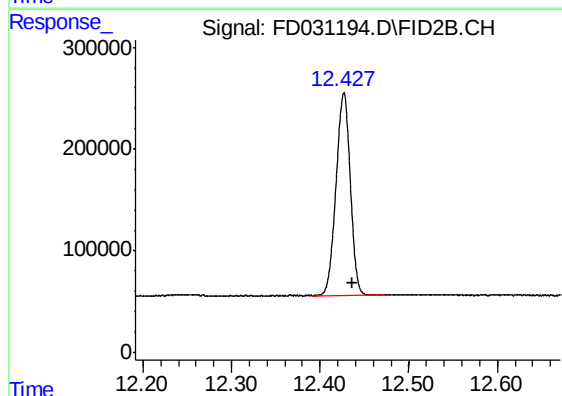
#8 n-Octadecane (C18)

R.T.: 11.126 min
Delta R.T.: -0.013 min
Response: 2295790
Conc: 21.00 ug/ml



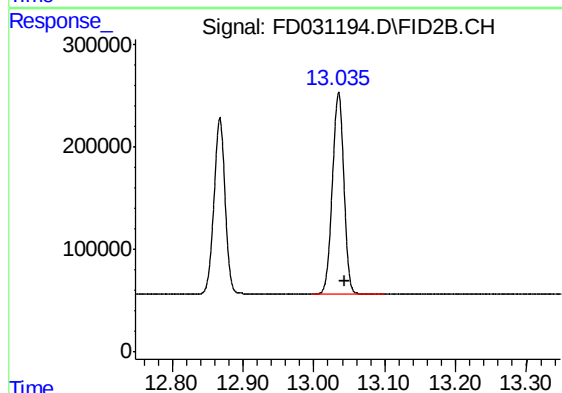
#9 ortho-Terphenyl (SURR)

R.T.: 11.437 min
Delta R.T.: -0.014 min
Response: 2546202
Conc: 20.30 ug/ml



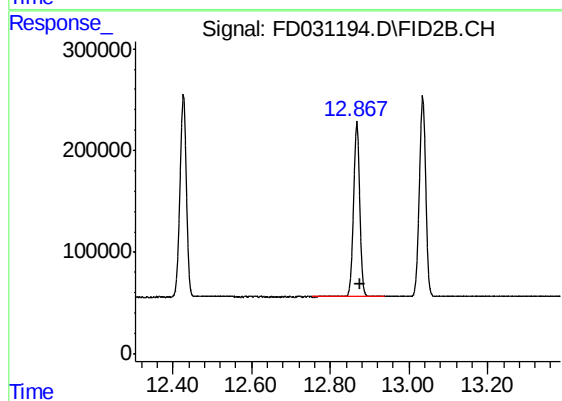
#10 n-Eicosane (C20)

R.T.: 12.427 min
Delta R.T.: -0.010 min
Response: 2233524
Conc: 20.43 ug/ml



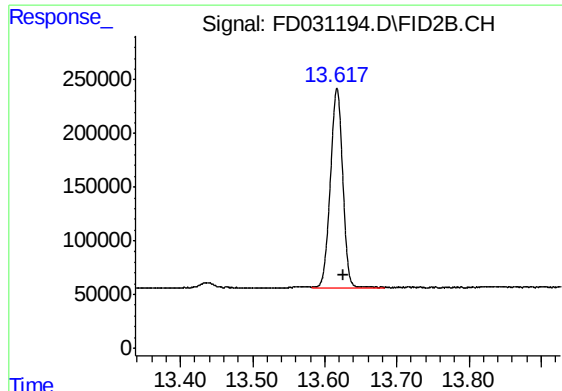
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.009 min
Response: 2219702
Conc: 20.20 ug/ml



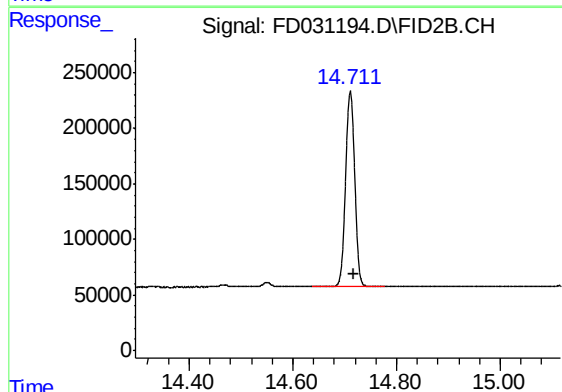
#12 1-chlorooctadecane (SURR)

R.T.: 12.867 min
Delta R.T.: -0.009 min
Response: 1887765
Conc: 20.16 ug/ml



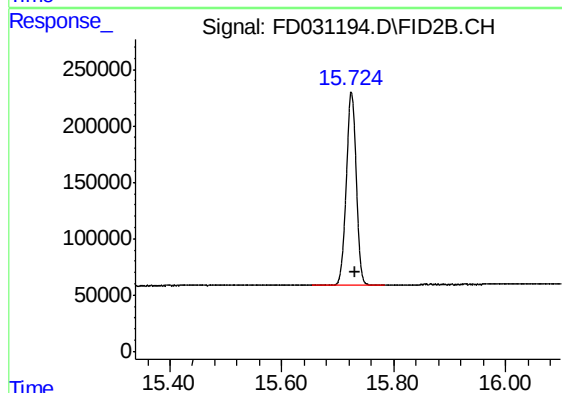
#13 n-Docosane (C22)

R.T.: 13.617 min
Delta R.T.: -0.008 min
Response: 2184708
Conc: 19.98 ug/ml



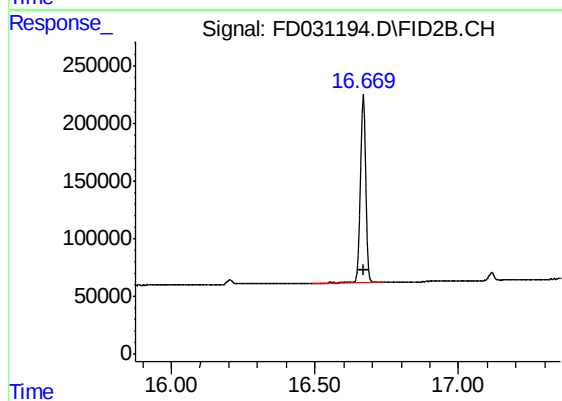
#14 n-Tetracosane (C24)

R.T.: 14.711 min
Delta R.T.: -0.008 min
Response: 2163482
Conc: 19.81 ug/ml



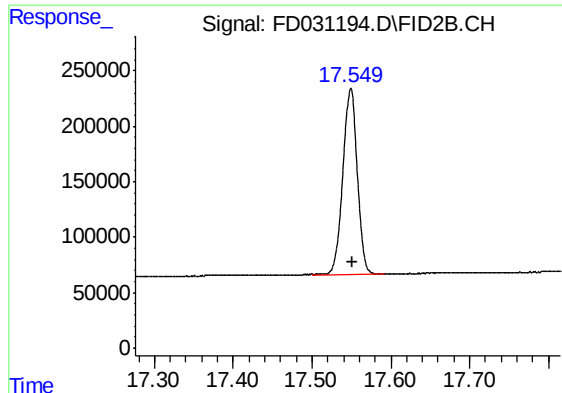
#15 n-Hexacosane (C26)

R.T.: 15.725 min
Delta R.T.: -0.006 min
Response: 2103483
Conc: 19.44 ug/ml



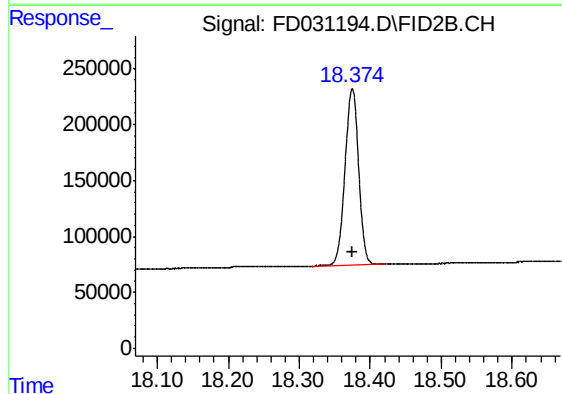
#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: -0.003 min
Response: 2098129
Conc: 19.54 ug/ml



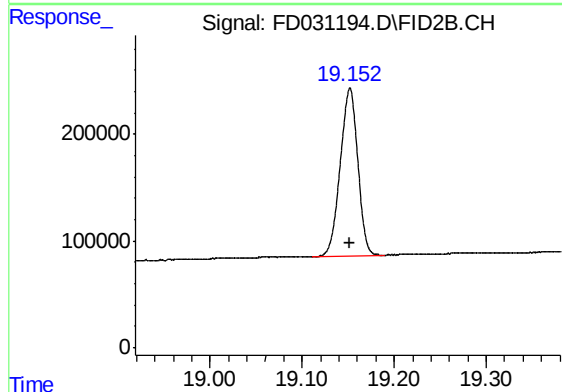
#17 n-Tricontane (C30)

R.T.: 17.549 min
Delta R.T.: -0.002 min
Response: 2124947
Conc: 19.95 ug/ml m



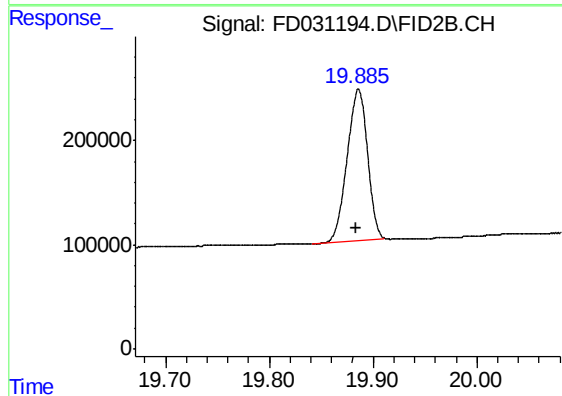
#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: -0.001 min
Response: 2104707
Conc: 20.45 ug/ml m



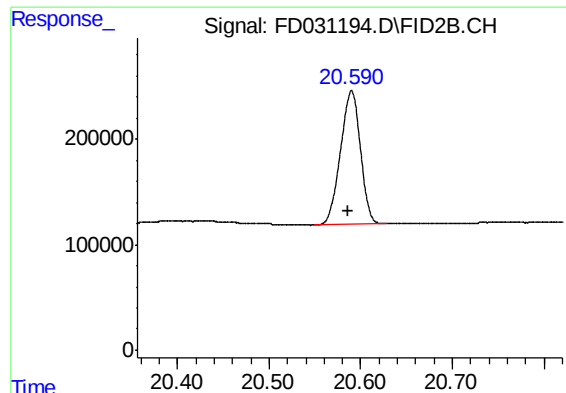
#19 n-Tetatriacontane (C34)

R.T.: 19.152 min
Delta R.T.: 0.000 min
Response: 2082753
Conc: 21.19 ug/ml m



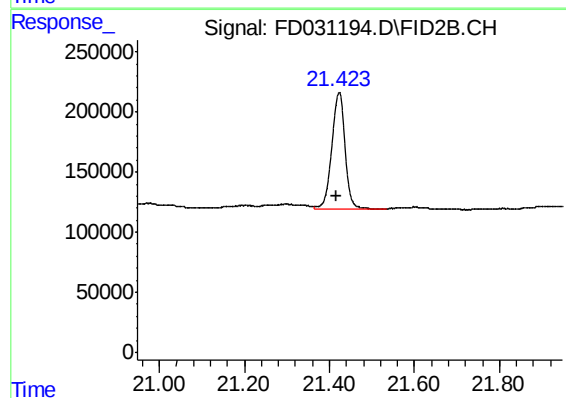
#20 n-Hexatriacontane (C36)

R.T.: 19.886 min
Delta R.T.: 0.002 min
Response: 1984187
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: 0.004 min
Response: 1922373
Conc: 22.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.423 min
Delta R.T.: 0.005 min
Response: 2071030
Conc: 23.31 ug/ml