

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083019AL\
 Data File : FD030421.D
 Signal(s) : FID2B.CH
 Acq On : 30 Aug 2019 16:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 30 22:50:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 30 01:42:39 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)	11.522	2611718	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	12.949	2125067	18.632 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.331	2561696	21.406 ug/ml
2) T n-Decane (C10)	4.390	2631738	21.640 ug/ml
3) T A~Naphthalene (C11.7)	5.965	2935367	21.322 ug/ml
4) T n-Dodecane (C12)	6.396	2636548	21.622 ug/ml
5) T A~2-methylnaphthalene...	7.016	2927816	21.170 ug/ml
6) T n-Tetradecane (C14)	8.182	2634124	21.356 ug/ml
7) T n-Hexadecane (C16)	9.774	2625399	21.026 ug/ml
8) T n-Octadecane (C18)	11.207	2550586	19.950 ug/ml
10) T n-Eicosane (C20)	12.507	2474821	19.062 ug/ml
11) T n-Heneicosane (C21)	13.114	2419741	18.632 ug/ml
13) T n-Docosane (C22)	13.697	2367840	18.134 ug/ml
14) T n-Tetracosane (C24)	14.791	2324300	17.709 ug/ml
15) T n-Hexacosane (C26)	15.804	2210428	17.138 ug/ml
16) T n-Octacosane (C28)	16.747	2194372	17.295 ug/ml
17) T n-Tricontane (C30)	17.628	2163505	17.853 ug/mlm
18) T n-Dotriacontane (C32)	18.454	2067520	18.439 ug/ml
19) T n-Tetratriacontane (C34)	19.230	1785359	20.136 ug/ml
20) T n-Hexatriacontane (C36)	19.962	1567152	21.086 ug/mlm
21) T n-Octatriacontane (C38)	20.676	1486324	22.329 ug/mlm
22) T n-Tetracontane (C40)	21.534	1485744	21.034 ug/ml

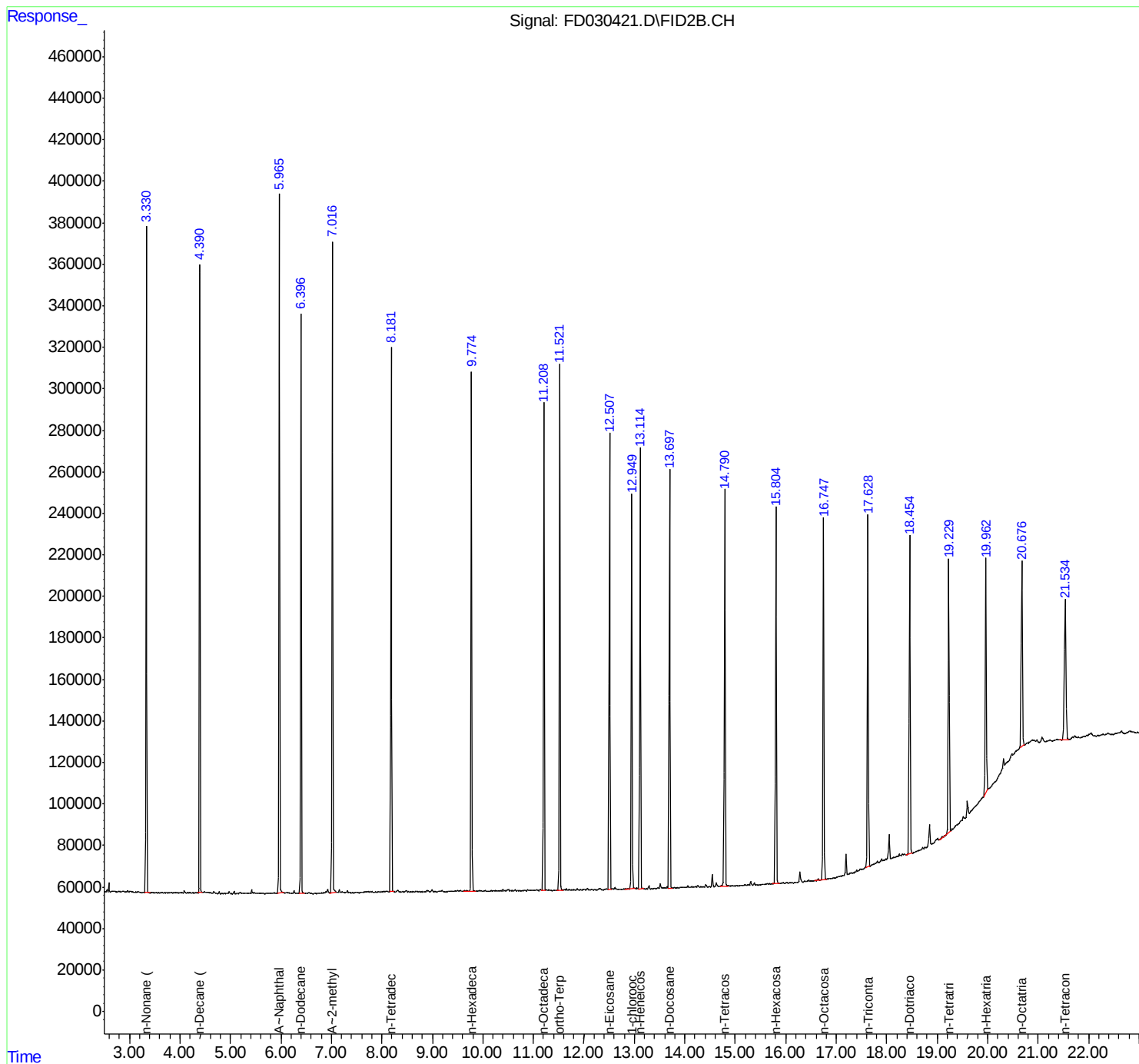
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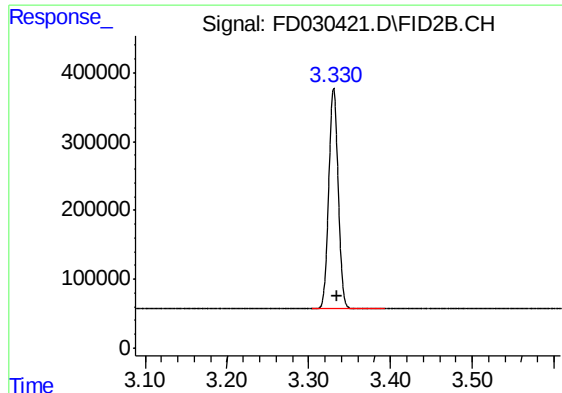
(m)=manual int.

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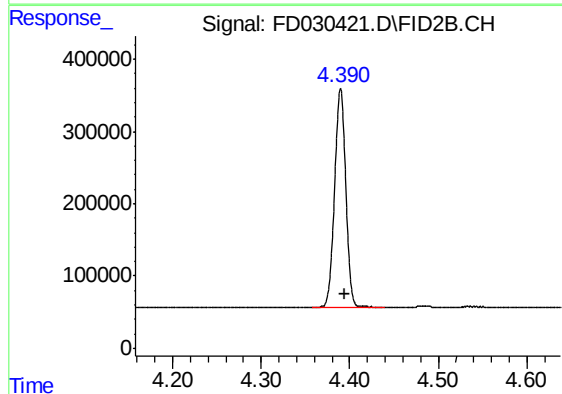
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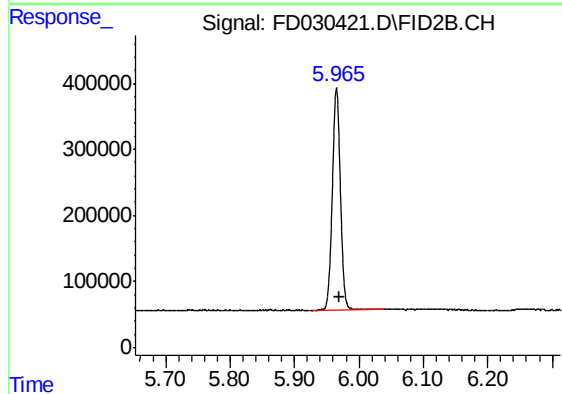
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 2561696
Conc: 21.41 ug/ml



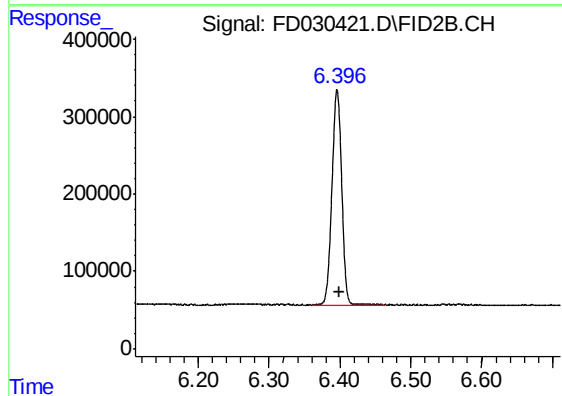
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 2631738
Conc: 21.64 ug/ml



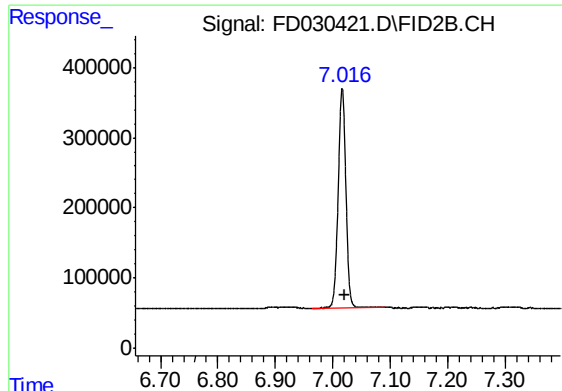
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.005 min
Response: 2935367
Conc: 21.32 ug/ml



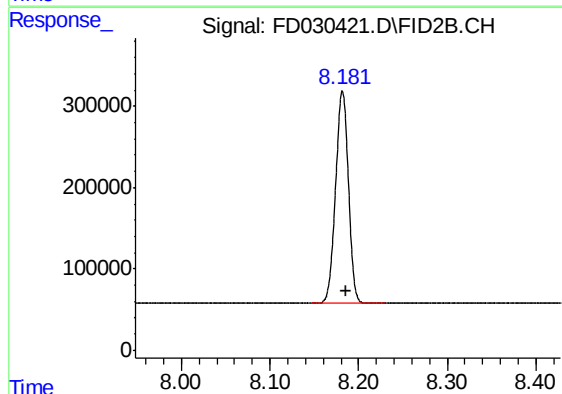
#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 2636548
Conc: 21.62 ug/ml



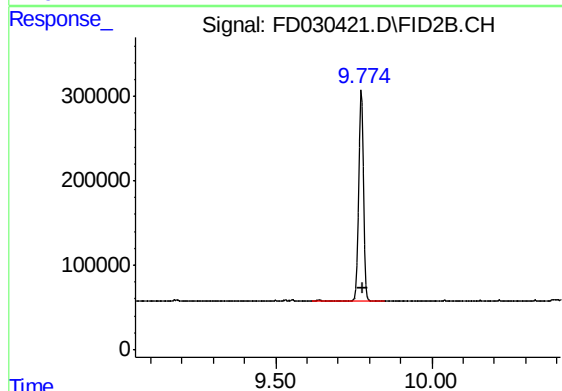
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.004 min
Response: 2927816
Conc: 21.17 ug/ml



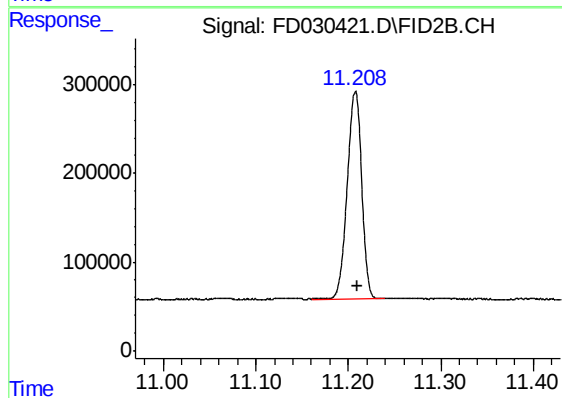
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 2634124
Conc: 21.36 ug/ml



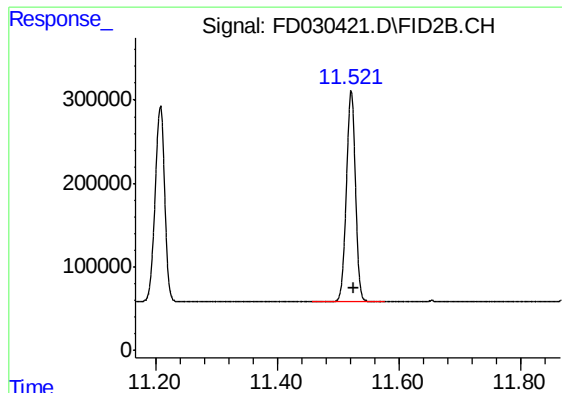
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.004 min
Response: 2625399
Conc: 21.03 ug/ml



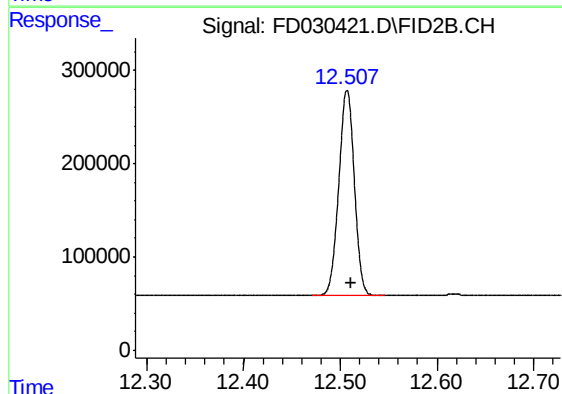
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.003 min
Response: 2550586
Conc: 19.95 ug/ml



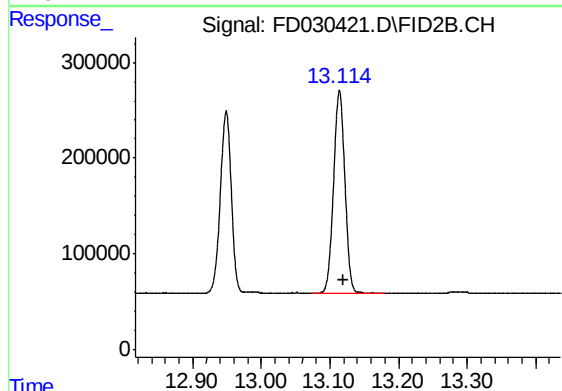
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.004 min
Response: 2611718
Conc: 19.00 ug/ml



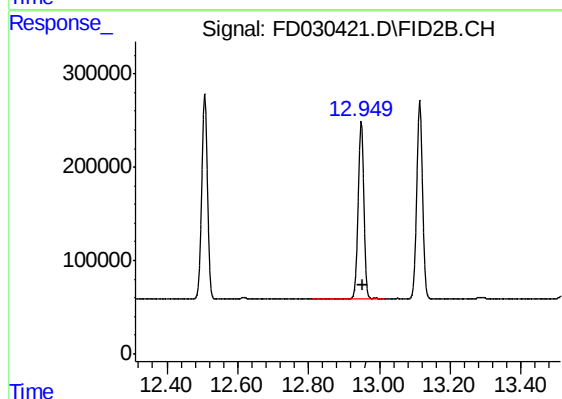
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.005 min
Response: 2474821
Conc: 19.06 ug/ml



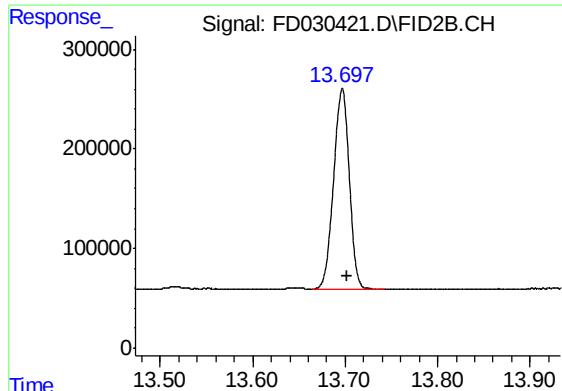
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: -0.006 min
Response: 2419741
Conc: 18.63 ug/ml



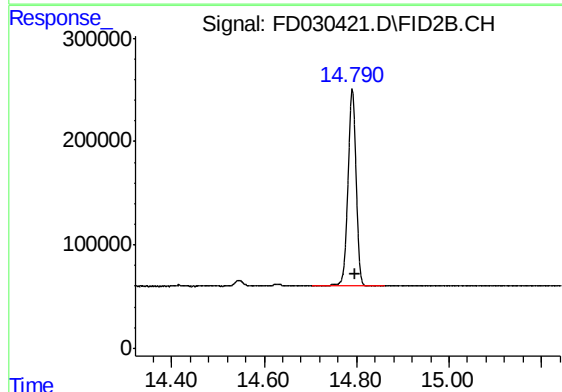
#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: -0.004 min
Response: 2125067
Conc: 18.63 ug/ml



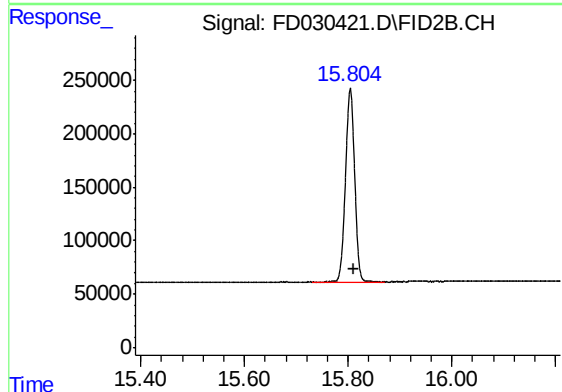
#13 n-Docosane (C22)

R.T.: 13.697 min
Delta R.T.: -0.005 min
Response: 2367840
Conc: 18.13 ug/ml



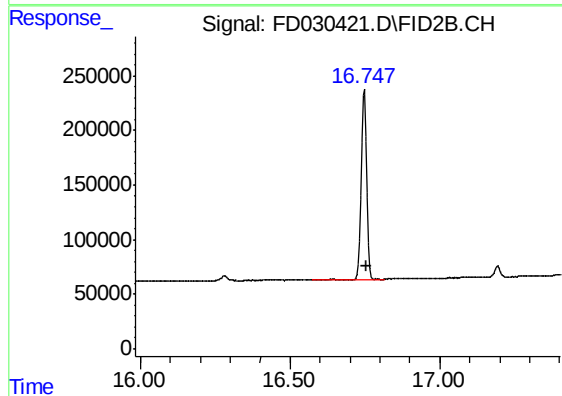
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: -0.006 min
Response: 2324300
Conc: 17.71 ug/ml



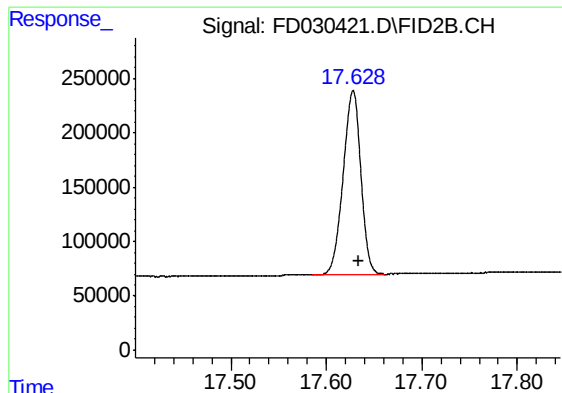
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.006 min
Response: 2210428
Conc: 17.14 ug/ml



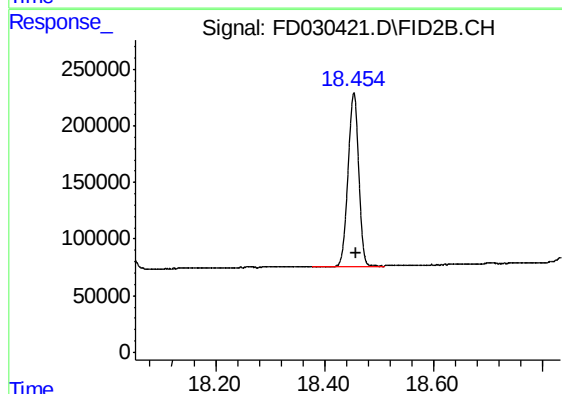
#16 n-Octacosane (C28)

R.T.: 16.747 min
Delta R.T.: -0.006 min
Response: 2194372
Conc: 17.29 ug/ml



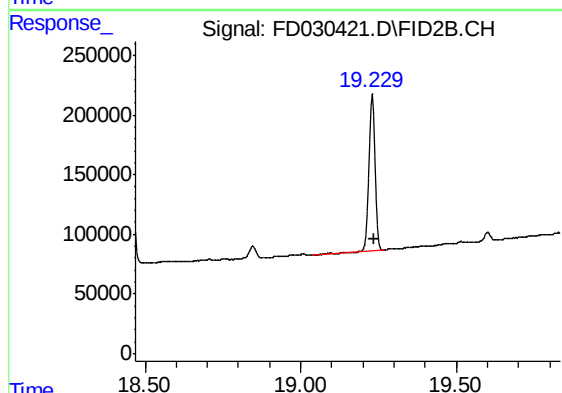
#17 n-Tricontane (C30)

R.T.: 17.628 min
Delta R.T.: -0.006 min
Response: 2163505
Conc: 17.85 ug/ml m



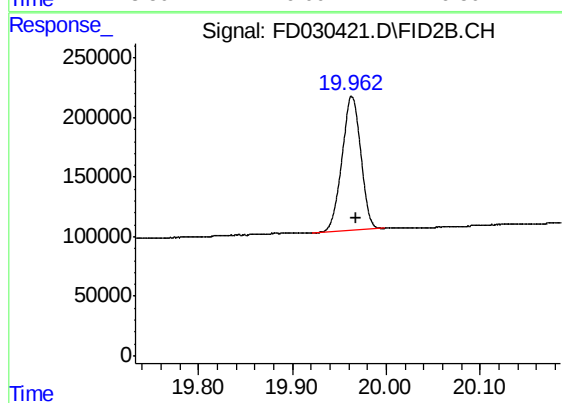
#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.004 min
Response: 2067520
Conc: 18.44 ug/ml



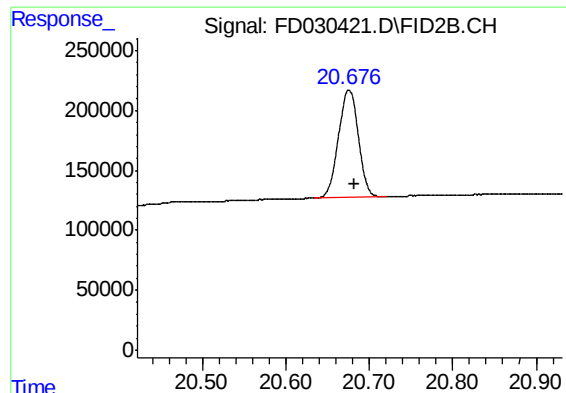
#19 n-Tetatriacontane (C34)

R.T.: 19.230 min
Delta R.T.: -0.004 min
Response: 1785359
Conc: 20.14 ug/ml



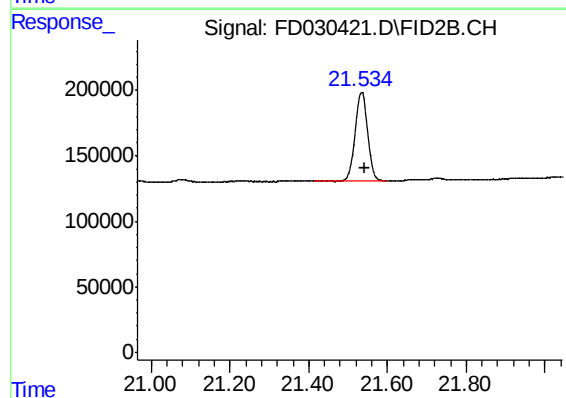
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: -0.006 min
Response: 1567152
Conc: 21.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: -0.006 min
Response: 1486324
Conc: 22.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.534 min
Delta R.T.: -0.007 min
Response: 1485744
Conc: 21.03 ug/ml