

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082119AL\
 Data File : FD030231.D
 Signal(s) : FID2B.CH
 Acq On : 21 Aug 2019 9:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 22 01:04:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.558	2522519	18.352 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	12.984	2035285	17.845 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
Target Compounds			
1) T n-Nonane (C9)	3.358	2552414	21.328 ug/ml
2) T n-Decane (C10)	4.419	2606946	21.436 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2903857	21.093 ug/ml
4) T n-Dodecane (C12)	6.428	2609954	21.404 ug/ml
5) T A~2-methylnaphthalene...	7.051	2892058	20.911 ug/ml
6) T n-Tetradecane (C14)	8.214	2599761	21.077 ug/ml
7) T n-Hexadecane (C16)	9.807	2557839	20.485 ug/ml
8) T n-Octadecane (C18)	11.240	2488444	19.464 ug/ml
10) T n-Eicosane (C20)	12.542	2405475	18.528 ug/ml
11) T n-Heneicosane (C21)	13.150	2330931	17.948 ug/ml
13) T n-Docosane (C22)	13.732	2299534	17.611 ug/ml
14) T n-Tetracosane (C24)	14.827	2246973	17.120 ug/ml
15) T n-Hexacosane (C26)	15.840	2233575	17.317 ug/ml
16) T n-Octacosane (C28)	16.784	2272919	17.914 ug/ml
17) T n-Tricontane (C30)	17.664	2255983	18.616 ug/ml
18) T n-Dotriacontane (C32)	18.490	2099006	18.719 ug/ml
19) T n-Tetratriacontane (C34)	19.265	1841427	20.768 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1917252	25.797 ug/ml
21) T n-Octatriacontane (C38)	20.714	1598007	24.007 ug/ml
22) T n-Tetracontane (C40)	21.585	1393261	19.725 ug/ml

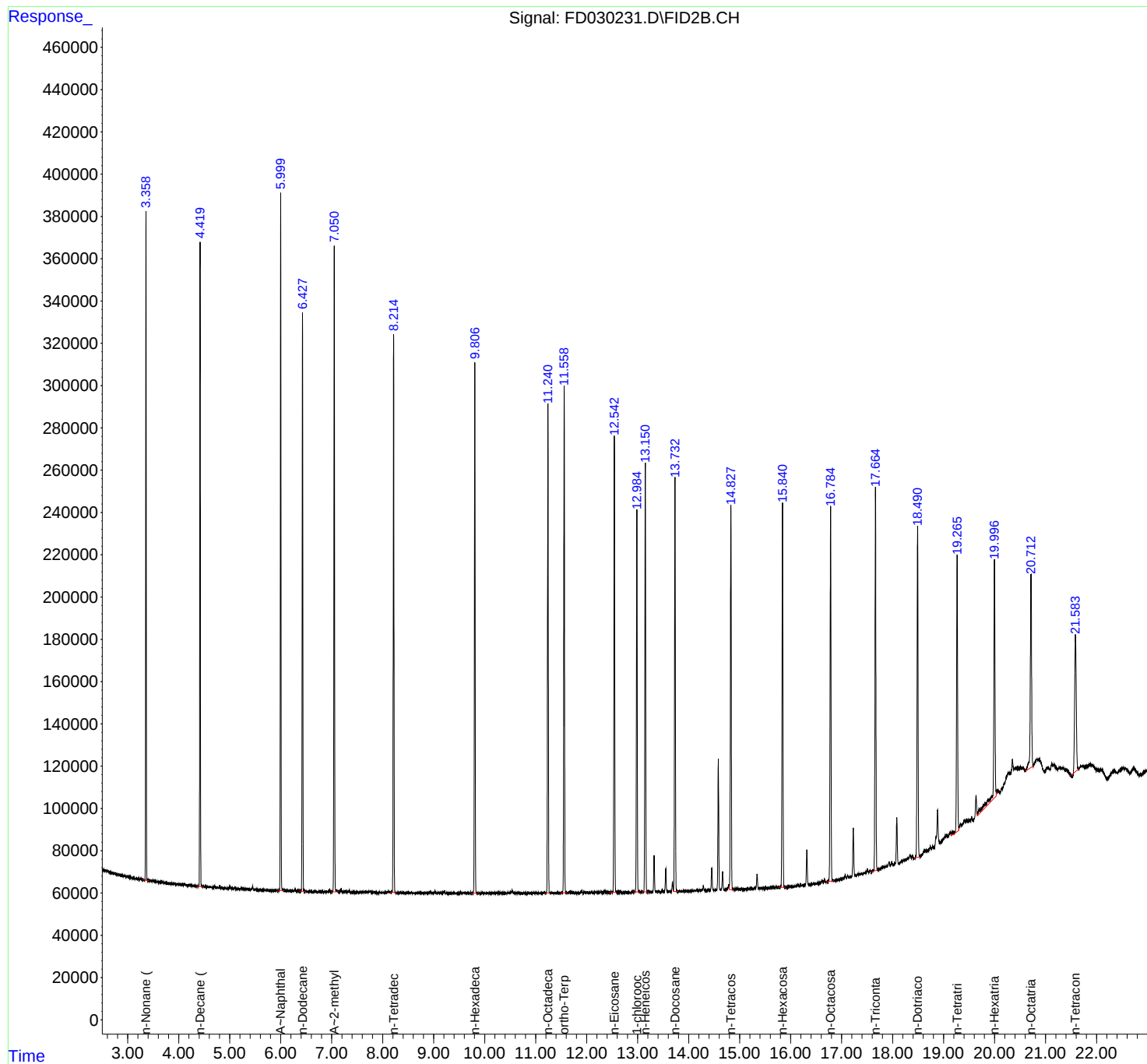
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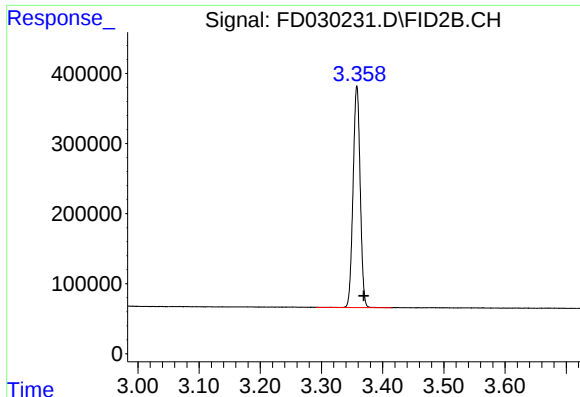
(m)=manual int.

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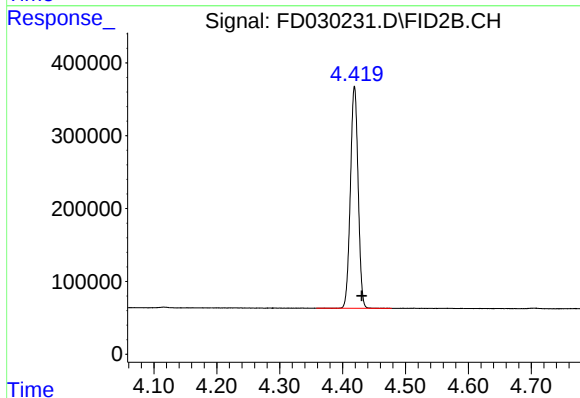
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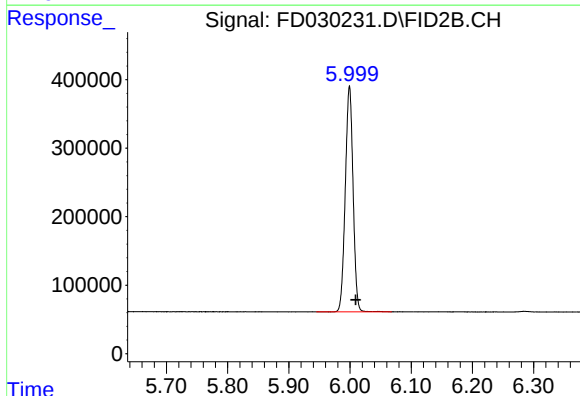
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.011 min
Response: 2552414
Conc: 21.33 ug/ml



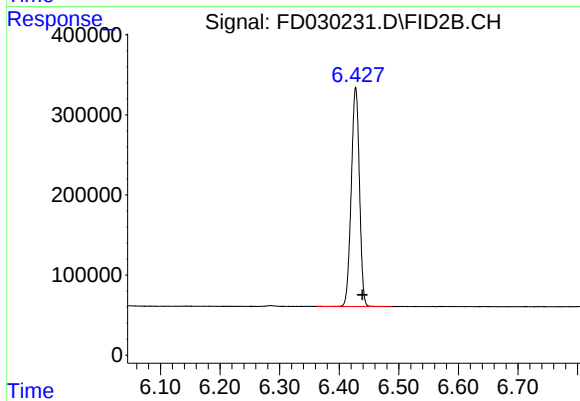
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.012 min
Response: 2606946
Conc: 21.44 ug/ml



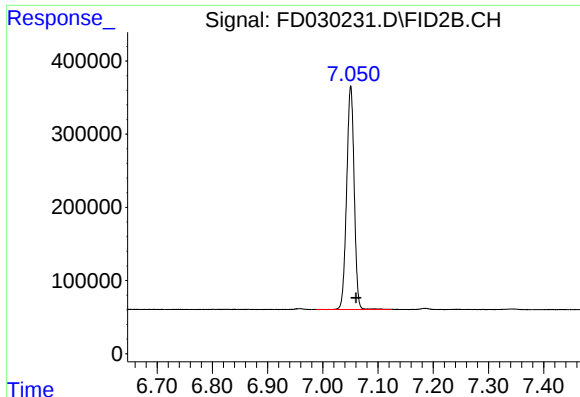
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.010 min
Response: 2903857
Conc: 21.09 ug/ml



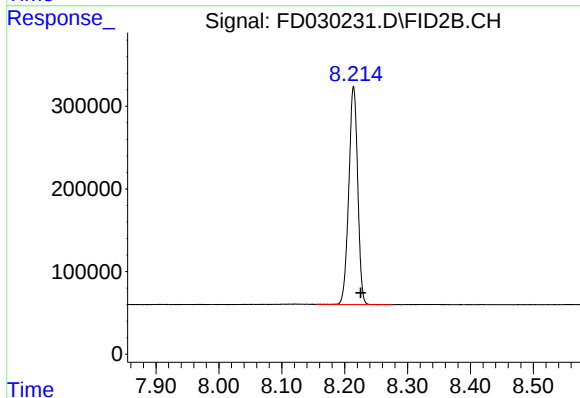
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.011 min
Response: 2609954
Conc: 21.40 ug/ml



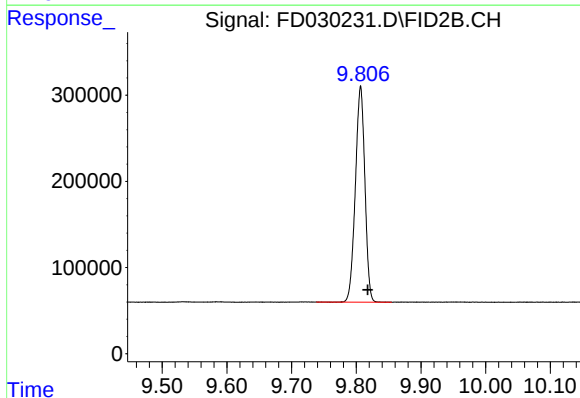
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.010 min
Response: 2892058
Conc: 20.91 ug/ml



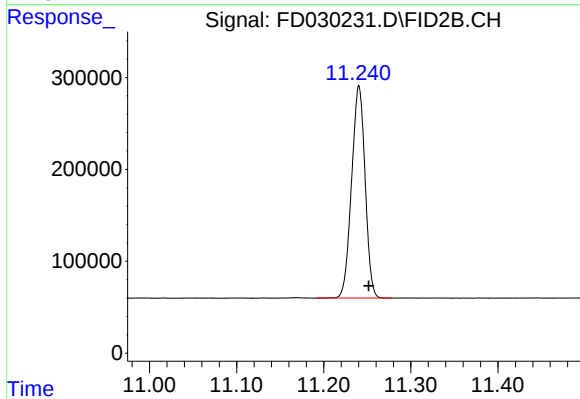
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.011 min
Response: 2599761
Conc: 21.08 ug/ml



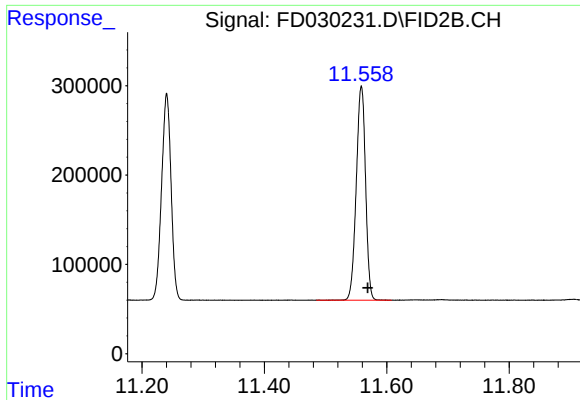
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.011 min
Response: 2557839
Conc: 20.48 ug/ml



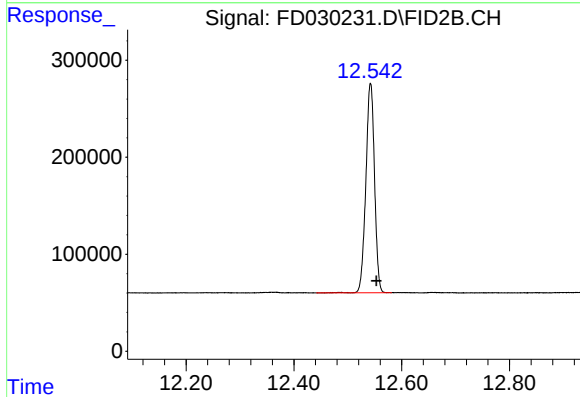
#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.011 min
Response: 2488444
Conc: 19.46 ug/ml



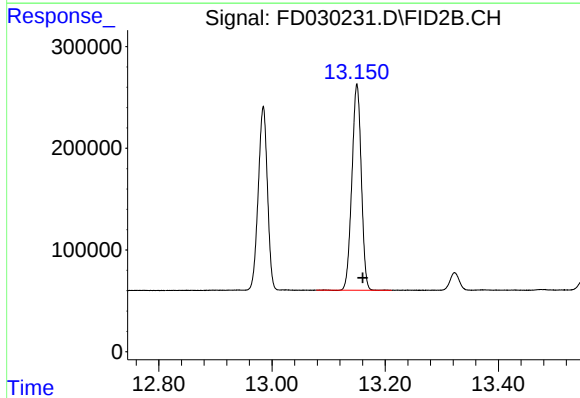
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.011 min
Response: 2522519
Conc: 18.35 ug/ml



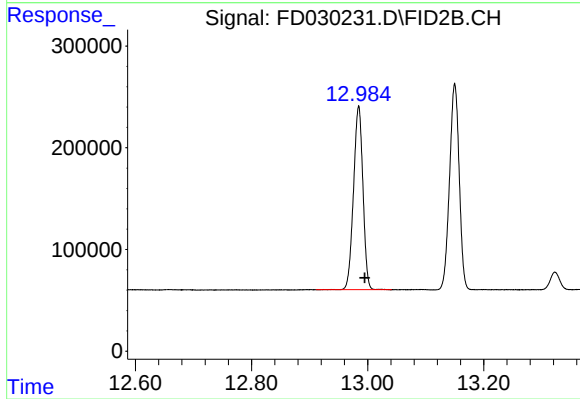
#10 n-Eicosane (C20)

R.T.: 12.542 min
Delta R.T.: -0.011 min
Response: 2405475
Conc: 18.53 ug/ml



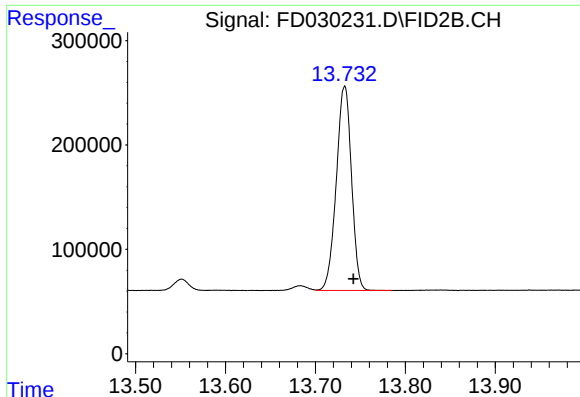
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: -0.010 min
Response: 2330931
Conc: 17.95 ug/ml



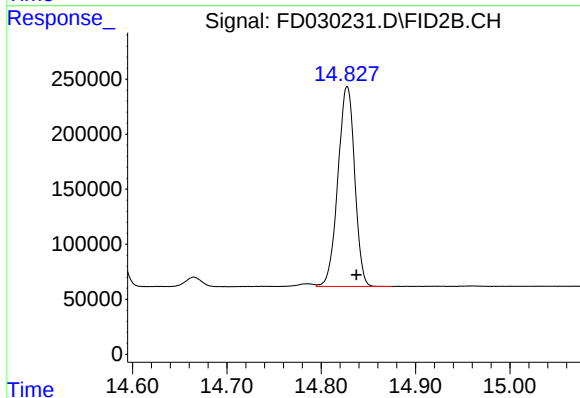
#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: -0.010 min
Response: 2035285
Conc: 17.84 ug/ml



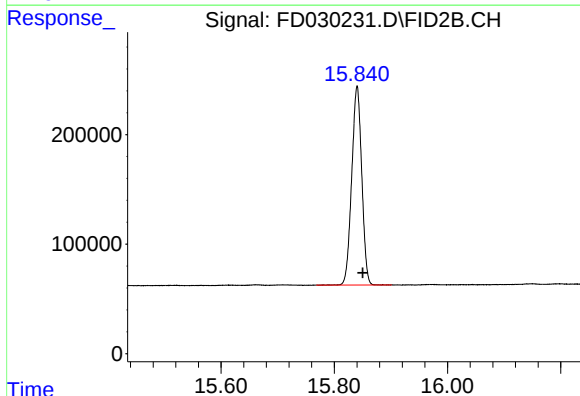
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: -0.010 min
Response: 2299534
Conc: 17.61 ug/ml



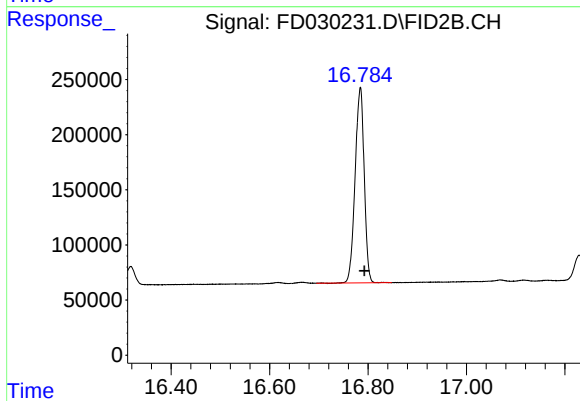
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.010 min
Response: 2246973
Conc: 17.12 ug/ml



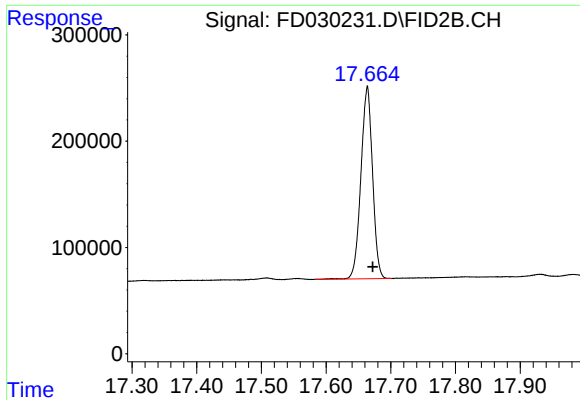
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.010 min
Response: 2233575
Conc: 17.32 ug/ml



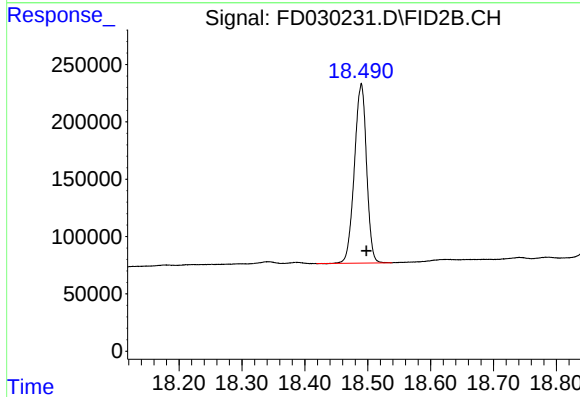
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.009 min
Response: 2272919
Conc: 17.91 ug/ml



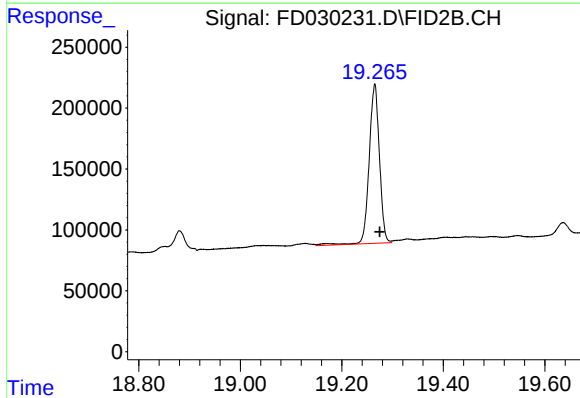
#17 n-Tricontane (C30)

R.T.: 17.664 min
Delta R.T.: -0.009 min
Response: 2255983
Conc: 18.62 ug/ml



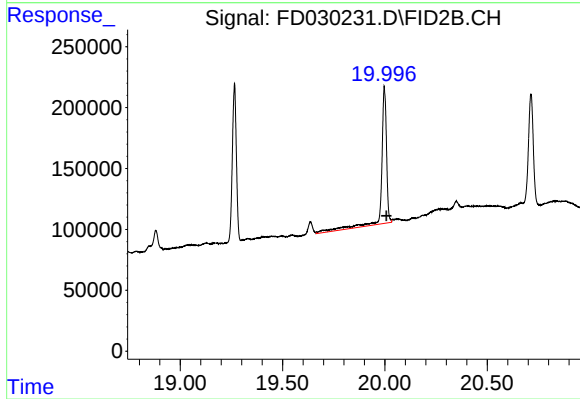
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.008 min
Response: 2099006
Conc: 18.72 ug/ml



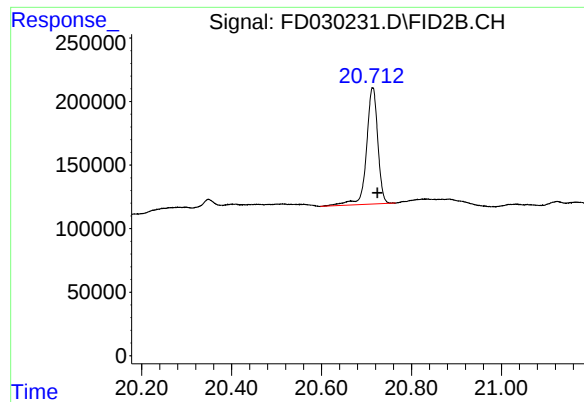
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: -0.010 min
Response: 1841427
Conc: 20.77 ug/ml



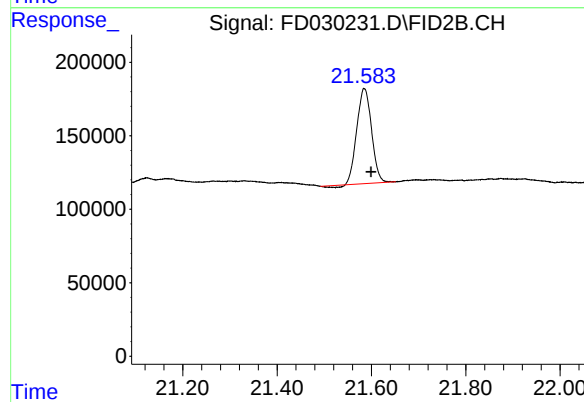
#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: -0.010 min
Response: 1917252
Conc: 25.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.011 min
Response: 1598007
Conc: 24.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.014 min
Response: 1393261
Conc: 19.72 ug/ml