

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082019AL\
 Data File : FD030229.D
 Signal(s) : FID2B.CH
 Acq On : 21 Aug 2019 5:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 06:38:18 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)	11.559	2671753	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
12) S 1-chlorooctadecane (S...	12.985	2149117	18.843 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T n-Nonane (C9)	3.358	2689503	22.474 ug/ml
2) T n-Decane (C10)	4.420	2747281	22.590 ug/ml
3) T A~Naphthalene (C11.7)	6.000	3067361	22.280 ug/ml
4) T n-Dodecane (C12)	6.429	2752301	22.571 ug/ml
5) T A~2-methylnaphthalene...	7.052	3051906	22.067 ug/ml
6) T n-Tetradecane (C14)	8.215	2768938	22.448 ug/ml
7) T n-Hexadecane (C16)	9.808	2700071	21.624 ug/ml
8) T n-Octadecane (C18)	11.241	2625956	20.539 ug/ml
10) T n-Eicosane (C20)	12.543	2536797	19.539 ug/ml
11) T n-Heneicosane (C21)	13.151	2472129	19.035 ug/ml
13) T n-Docosane (C22)	13.734	2436276	18.658 ug/ml
14) T n-Tetracosane (C24)	14.829	2405353	18.327 ug/ml
15) T n-Hexacosane (C26)	15.842	2350082	18.221 ug/ml
16) T n-Octacosane (C28)	16.785	2385587	18.802 ug/ml
17) T n-Tricontane (C30)	17.665	2420763	19.976 ug/ml
18) T n-Dotriacontane (C32)	18.491	2284627	20.375 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2060273	23.237 ug/ml
20) T n-Hexatriacontane (C36)	20.001	2408030	32.401 ug/ml
21) T n-Octatriacontane (C38)	20.717	3415894	51.318 ug/ml
22) T n-Tetracontane (C40)	21.589	1576216	22.315 ug/ml

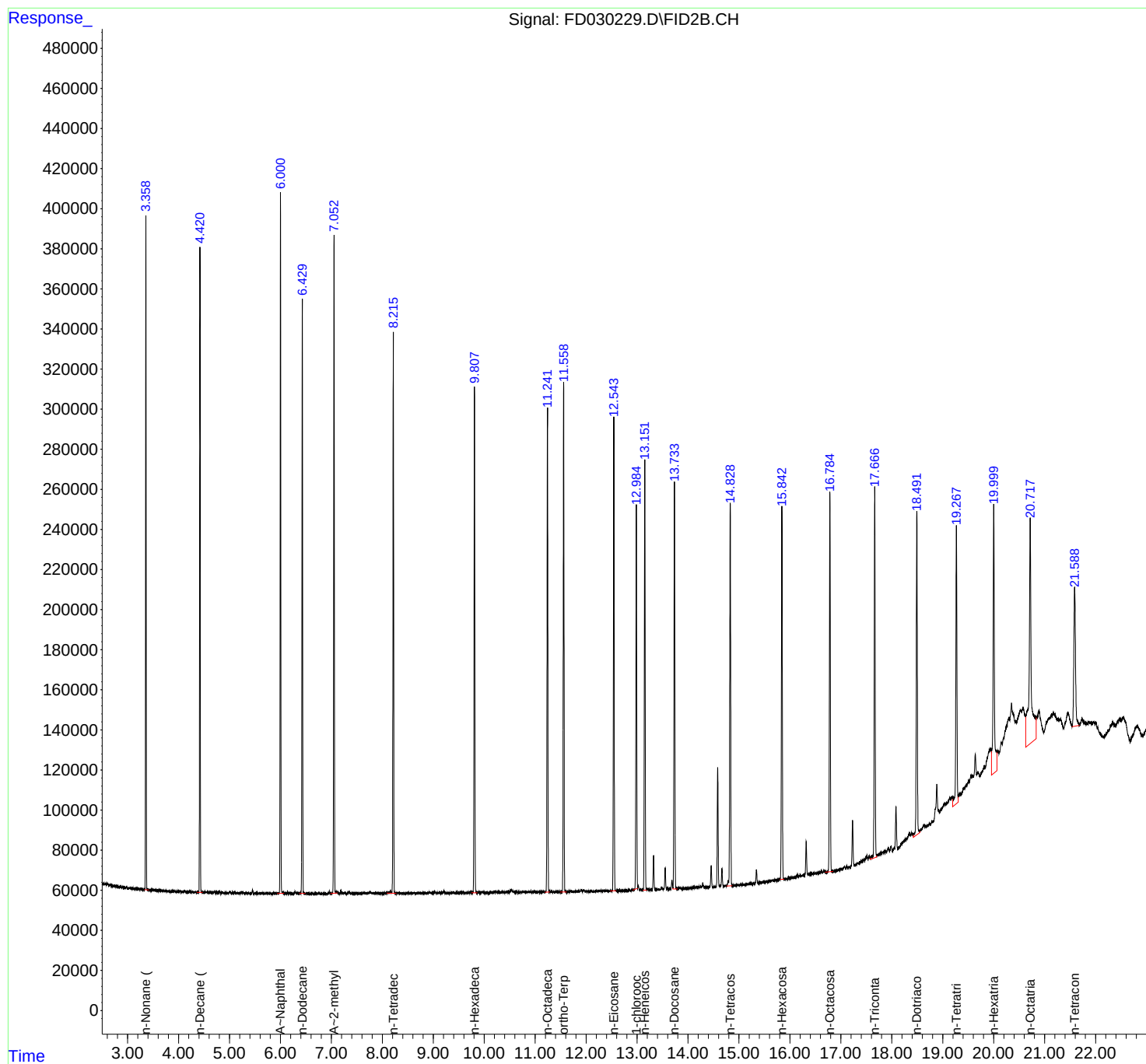
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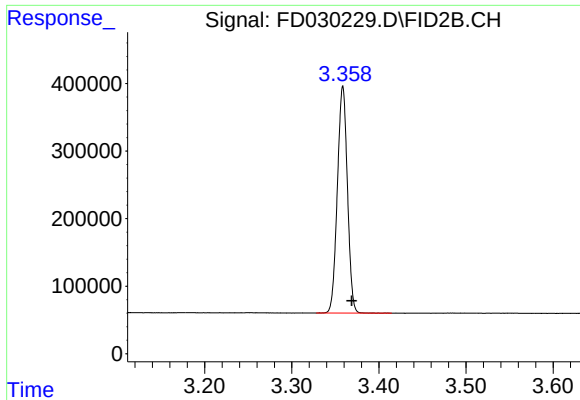
(m)=manual int.

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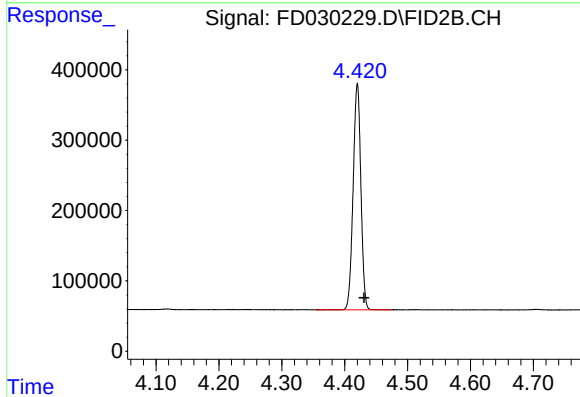
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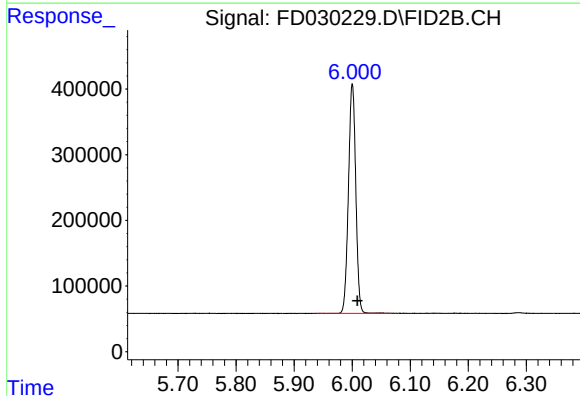
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.011 min
Response: 2689503
Conc: 22.47 ug/ml



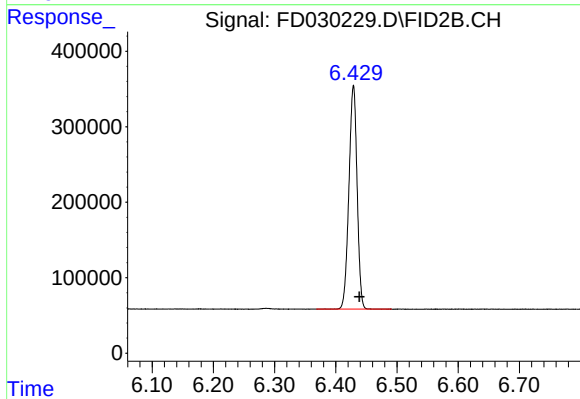
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: -0.011 min
Response: 2747281
Conc: 22.59 ug/ml



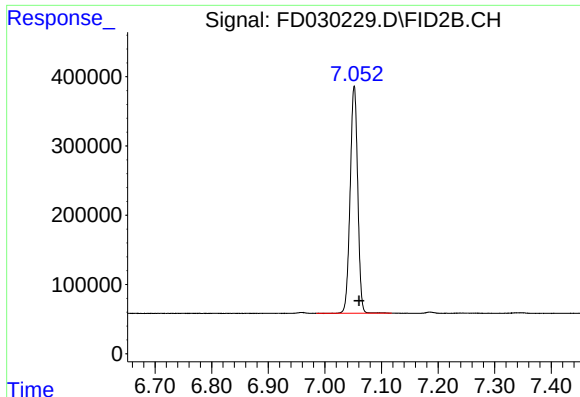
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.009 min
Response: 3067361
Conc: 22.28 ug/ml



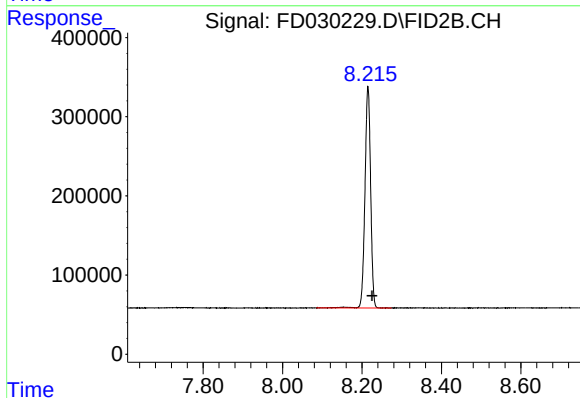
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.010 min
Response: 2752301
Conc: 22.57 ug/ml



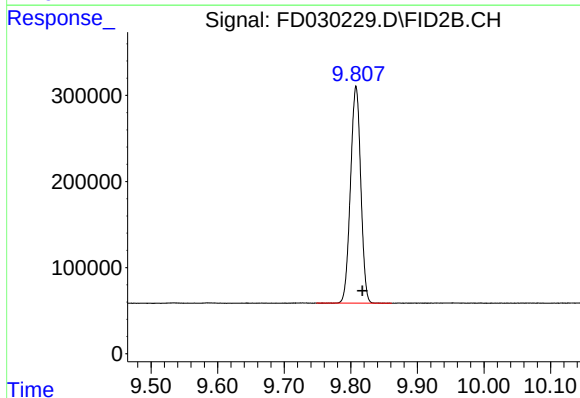
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.009 min
Response: 3051906
Conc: 22.07 ug/ml



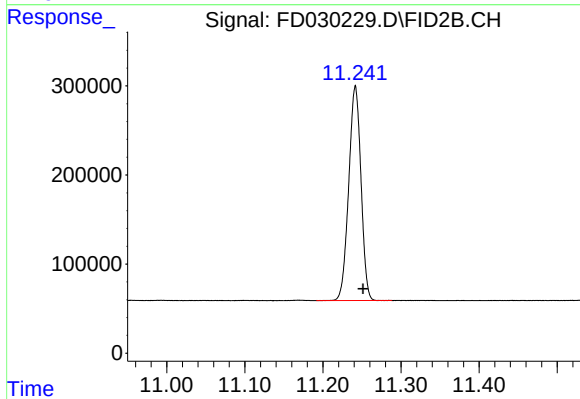
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.010 min
Response: 2768938
Conc: 22.45 ug/ml



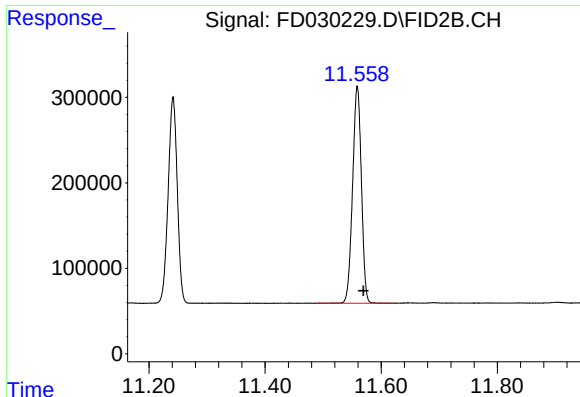
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.010 min
Response: 2700071
Conc: 21.62 ug/ml



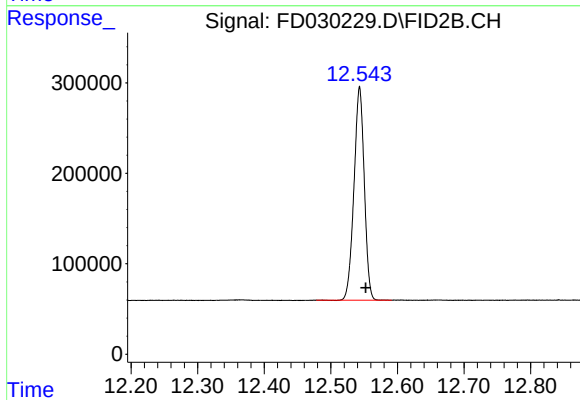
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.010 min
Response: 2625956
Conc: 20.54 ug/ml



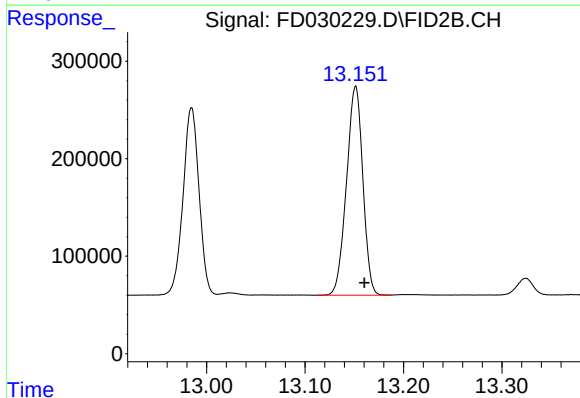
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.010 min
Response: 2671753
Conc: 19.44 ug/ml



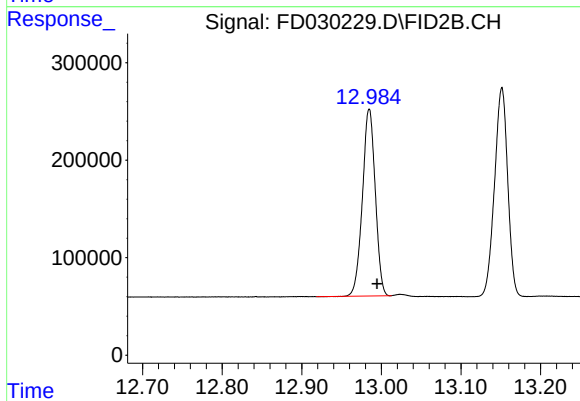
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: -0.010 min
Response: 2536797
Conc: 19.54 ug/ml



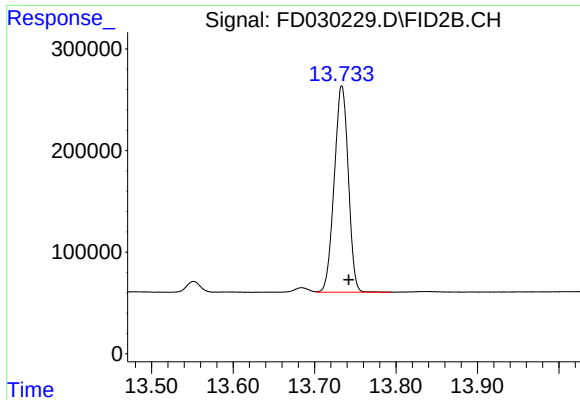
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: -0.009 min
Response: 2472129
Conc: 19.04 ug/ml



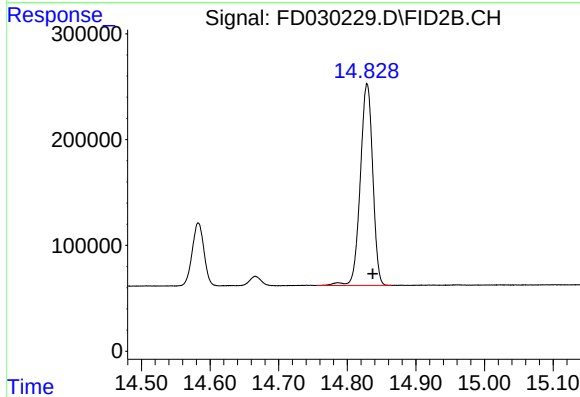
#12 1-chlorooctadecane (SURR)

R.T.: 12.985 min
Delta R.T.: -0.010 min
Response: 2149117
Conc: 18.84 ug/ml



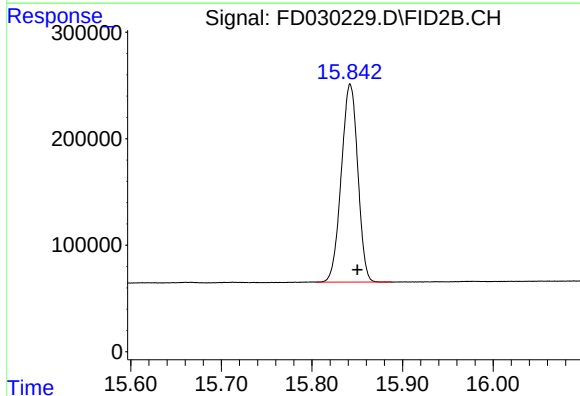
#13 n-Docosane (C22)

R.T.: 13.734 min
Delta R.T.: -0.009 min
Response: 2436276
Conc: 18.66 ug/ml



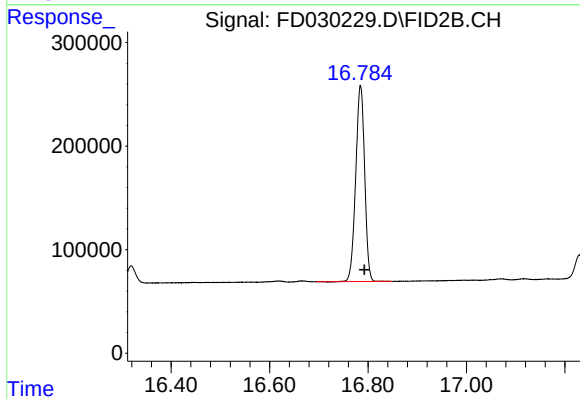
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.008 min
Response: 2405353
Conc: 18.33 ug/ml



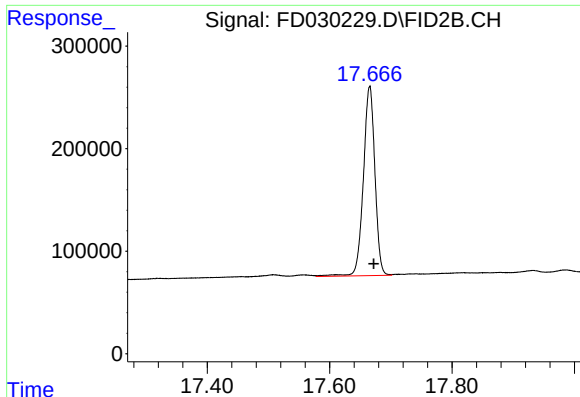
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.008 min
Response: 2350082
Conc: 18.22 ug/ml



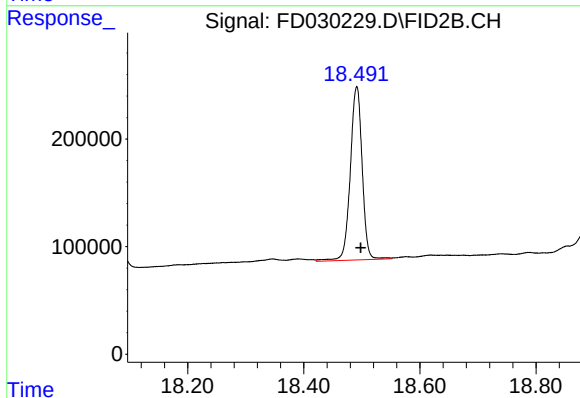
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: -0.008 min
Response: 2385587
Conc: 18.80 ug/ml



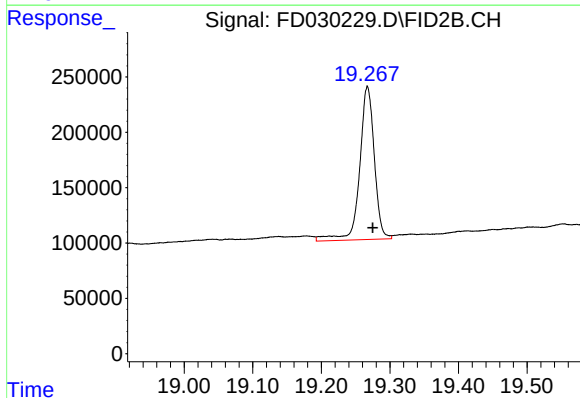
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.007 min
Response: 2420763
Conc: 19.98 ug/ml



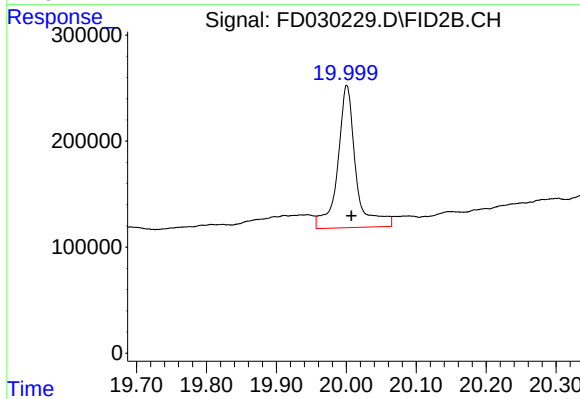
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.007 min
Response: 2284627
Conc: 20.37 ug/ml



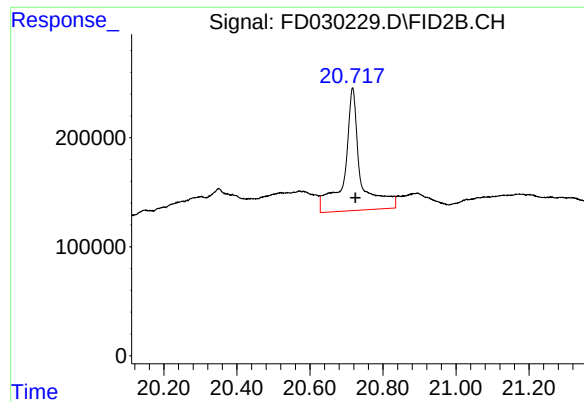
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.007 min
Response: 2060273
Conc: 23.24 ug/ml



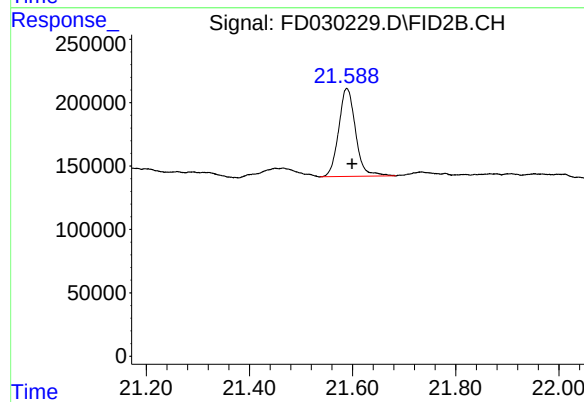
#20 n-Hexatriacontane (C36)

R.T.: 20.001 min
Delta R.T.: -0.006 min
Response: 2408030
Conc: 32.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.008 min
Response: 3415894
Conc: 51.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: -0.010 min
Response: 1576216
Conc: 22.31 ug/ml