

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073019AL\
 Data File : FD029889.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jul 2019 6:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 31 06:43:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:45:46 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)	11.582	2974591	20.544 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	13.006	2409321	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.376	2695319	21.315 ug/ml
2) T n-Decane (C10)	4.440	2759349	21.483 ug/ml
3) T A~Naphthalene (C11.7)	6.021	3130449	21.386 ug/ml
4) T n-Dodecane (C12)	6.450	2781574	21.716 ug/ml
5) T A~2-methylnaphthalene...	7.073	3139990	21.336 ug/ml
6) T n-Tetradecane (C14)	8.237	2852578	22.141 ug/ml
7) T n-Hexadecane (C16)	9.829	2833491	21.750 ug/ml
8) T n-Octadecane (C18)	11.263	2827792	21.317 ug/ml
10) T n-Eicosane (C20)	12.564	2791095	20.691 ug/ml
11) T n-Heneicosane (C21)	13.172	2742912	20.317 ug/ml
13) T n-Docosane (C22)	13.754	2706122	19.942 ug/ml
14) T n-Tetracosane (C24)	14.849	2632316	19.316 ug/ml
15) T n-Hexacosane (C26)	15.861	2544594	18.854 ug/ml
16) T n-Octacosane (C28)	16.804	2466918	18.506 ug/ml
17) T n-Tricontane (C30)	17.684	2354271	18.491 ug/ml
18) T n-Dotriacontane (C32)	18.509	2497450	21.792 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2738811	29.443 ug/ml
20) T n-Hexatriacontane (C36)	20.017	3489819	43.810 ug/ml
21) T n-Octatriacontane (C38)	20.736	2801174	39.788 ug/ml
22) T n-Tetracontane (C40)	21.614	1642570	20.961 ug/ml

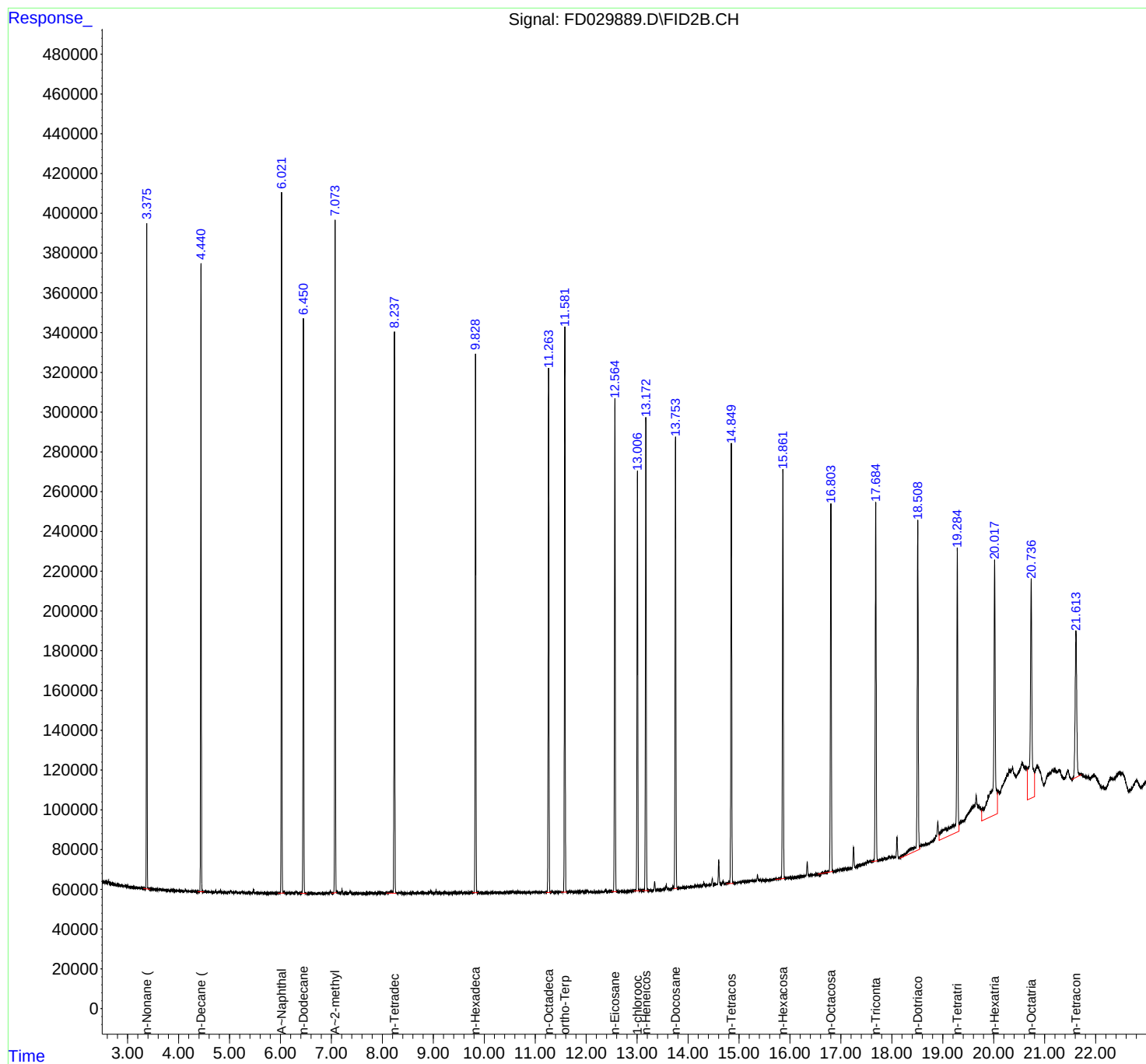
(f)=RT Delta > 1/2 Window

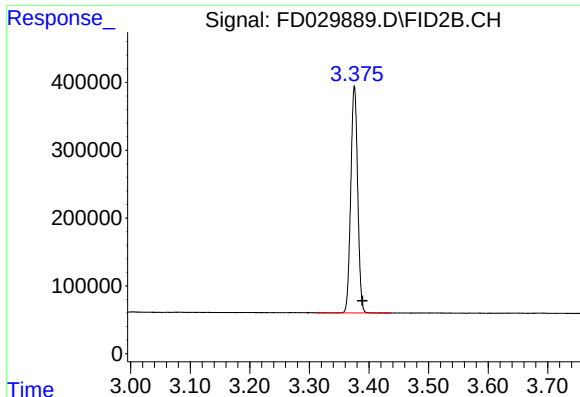
(m)=manual int.

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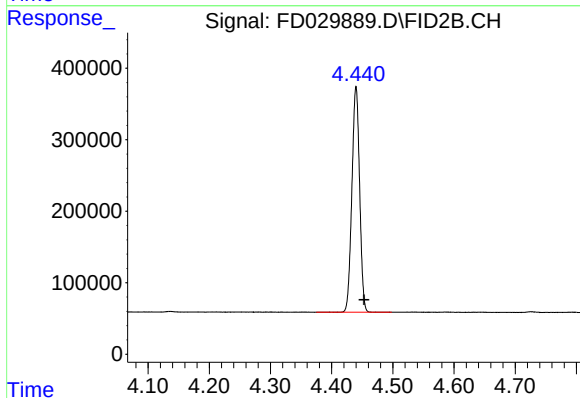
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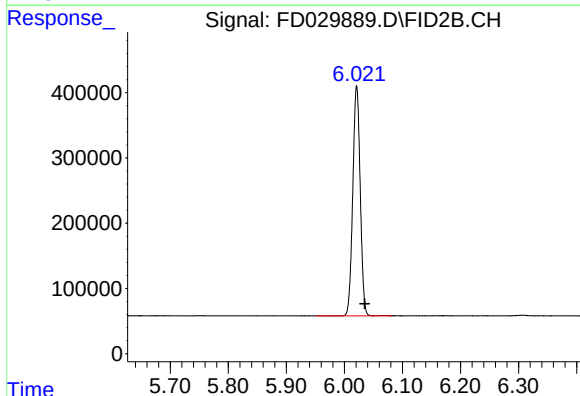
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.013 min
Response: 2695319
Conc: 21.31 ug/ml



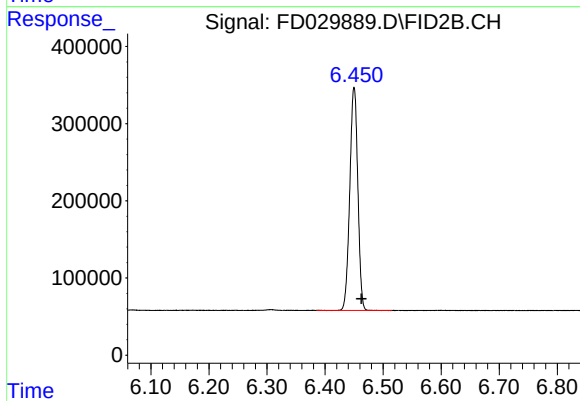
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.013 min
Response: 2759349
Conc: 21.48 ug/ml



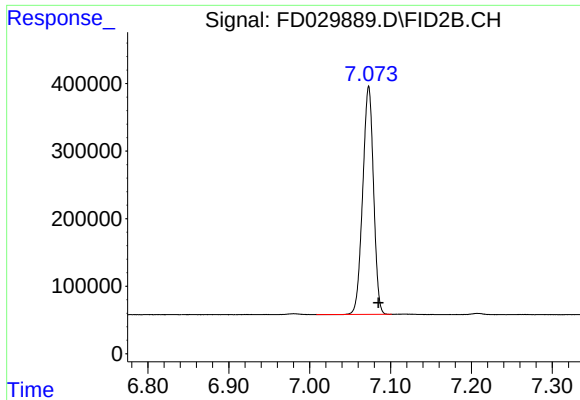
#3 A~Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.014 min
Response: 3130449
Conc: 21.39 ug/ml



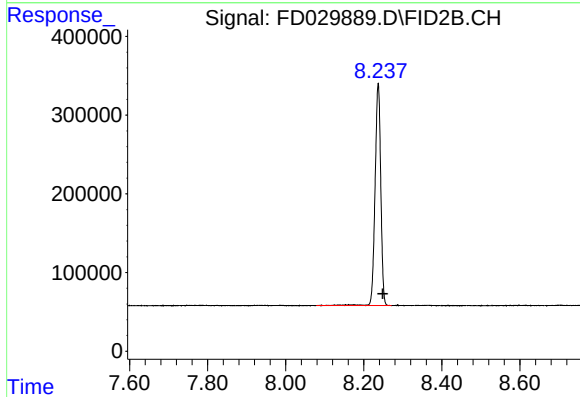
#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: -0.012 min
Response: 2781574
Conc: 21.72 ug/ml



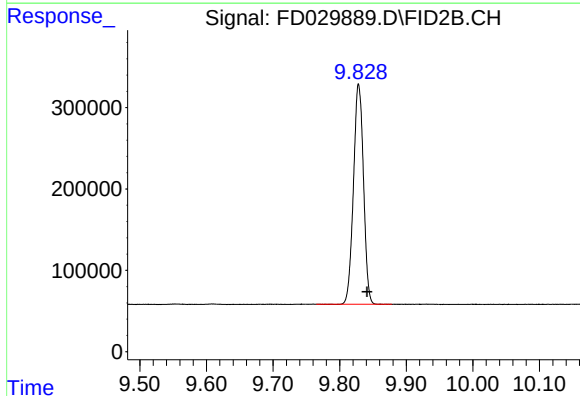
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.012 min
Response: 3139990
Conc: 21.34 ug/ml



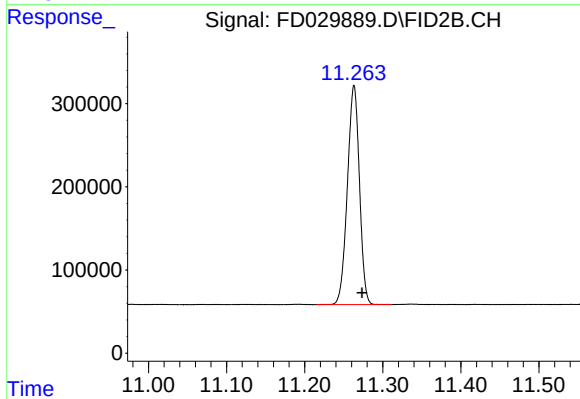
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.012 min
Response: 2852578
Conc: 22.14 ug/ml



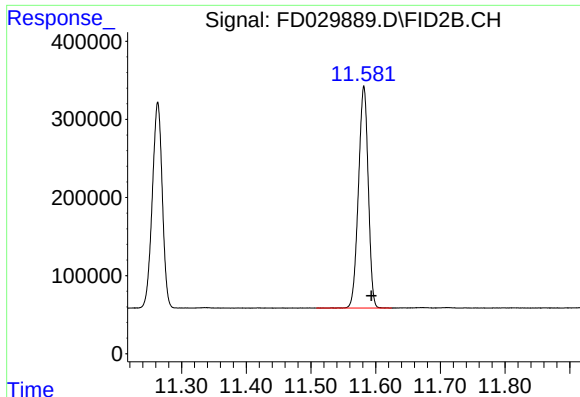
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.012 min
Response: 2833491
Conc: 21.75 ug/ml



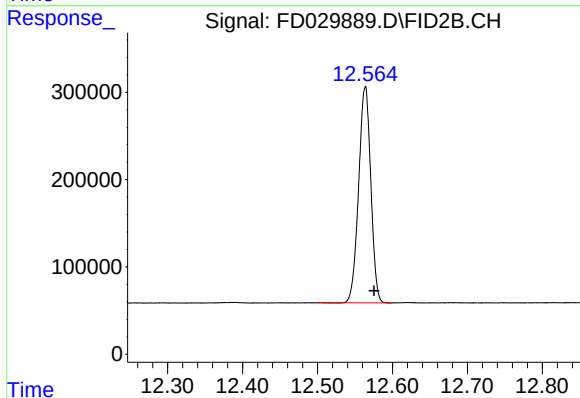
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.011 min
Response: 2827792
Conc: 21.32 ug/ml



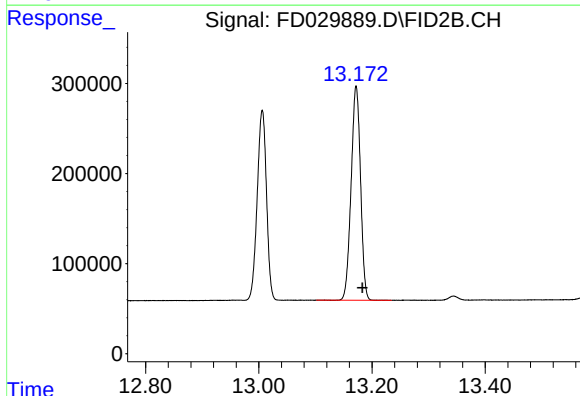
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.012 min
Response: 2974591
Conc: 20.54 ug/ml



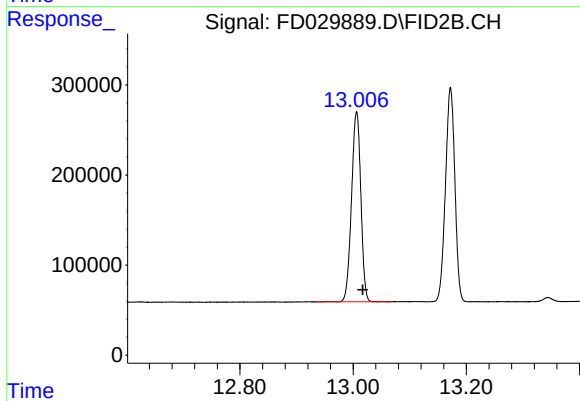
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.012 min
Response: 2791095
Conc: 20.69 ug/ml



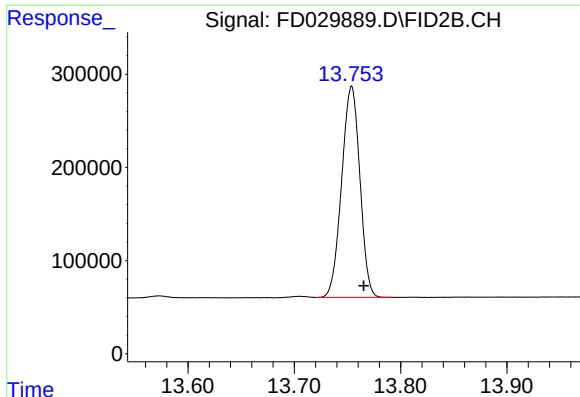
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.011 min
Response: 2742912
Conc: 20.32 ug/ml



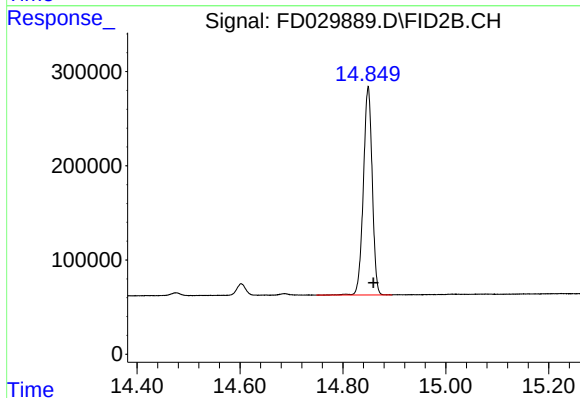
#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: -0.011 min
Response: 2409321
Conc: 20.29 ug/ml



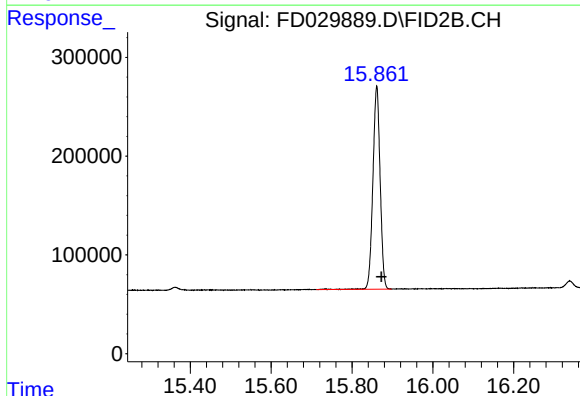
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.011 min
Response: 2706122
Conc: 19.94 ug/ml



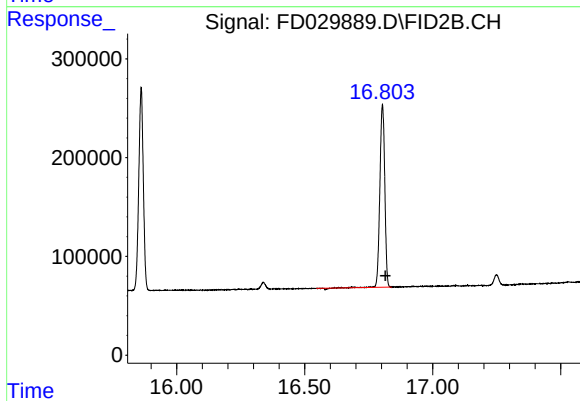
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.011 min
Response: 2632316
Conc: 19.32 ug/ml



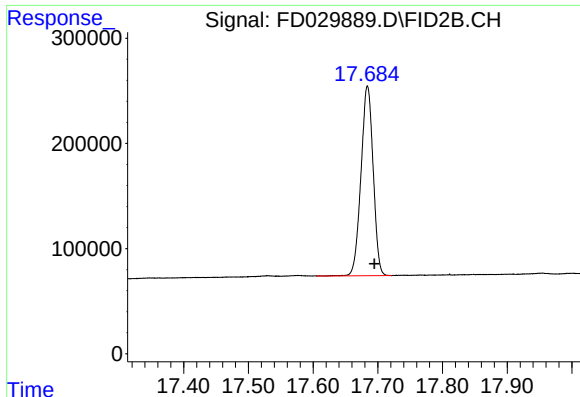
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.011 min
Response: 2544594
Conc: 18.85 ug/ml



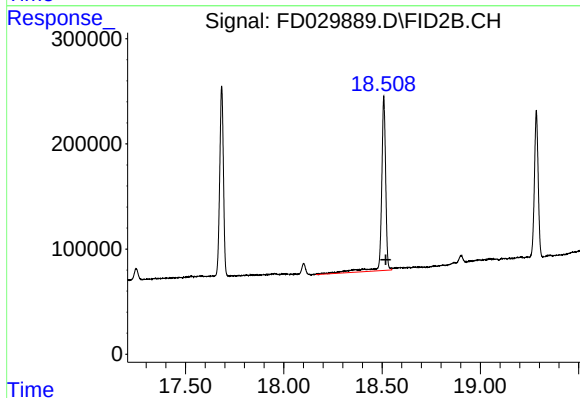
#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.011 min
Response: 2466918
Conc: 18.51 ug/ml



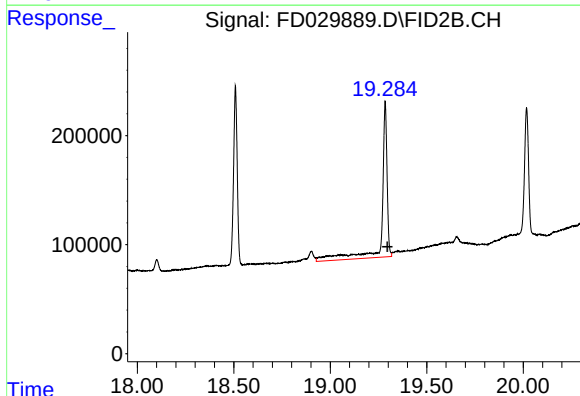
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.011 min
Response: 2354271
Conc: 18.49 ug/ml



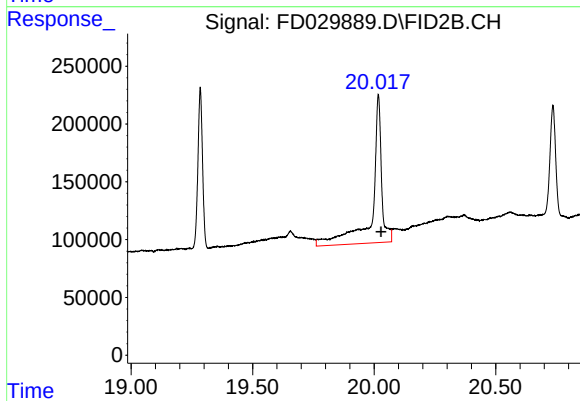
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.011 min
Response: 2497450
Conc: 21.79 ug/ml



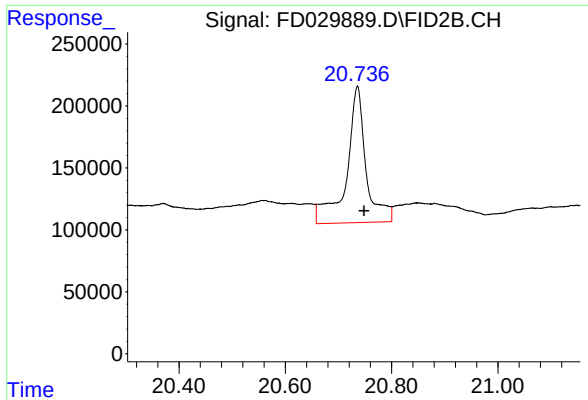
#19 n-Tetratriacontane (C34)

R.T.: 19.285 min
Delta R.T.: -0.012 min
Response: 2738811
Conc: 29.44 ug/ml



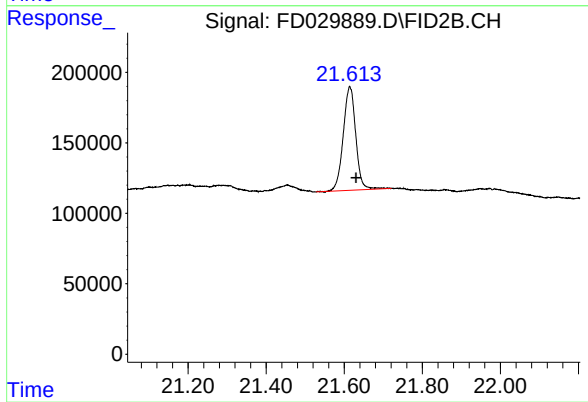
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: -0.010 min
Response: 3489819
Conc: 43.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: -0.013 min
Response: 2801174
Conc: 39.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.016 min
Response: 1642570
Conc: 20.96 ug/ml