

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100119AL\
 Data File : FD030868.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2019 3:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 05:24:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 Qlast Update : Thu Sep 26 03:19:09 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)	11.469	2971006	21.180 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
12) S 1-chlorooctadecane (S...	12.897	2241020	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.289	2798203	23.820 ug/ml
2) T n-Decane (C10)	4.346	2808016	23.916 ug/ml
3) T A~Naphthalene (C11.7)	5.919	3076829	23.581 ug/ml
4) T n-Dodecane (C12)	6.350	2835577	23.828 ug/ml
5) T A~2-methylnaphthalene...	6.969	3098717	23.506 ug/ml
6) T n-Tetradecane (C14)	8.135	2813637	23.349 ug/ml
7) T n-Hexadecane (C16)	9.724	2785902	22.780 ug/ml
8) T n-Octadecane (C18)	11.156	2742353	22.016 ug/ml
10) T n-Eicosane (C20)	12.456	2658888	21.085 ug/ml
11) T n-Heneicosane (C21)	13.064	2638144	20.634 ug/ml
13) T n-Docosane (C22)	13.646	2586272	20.189 ug/ml
14) T n-Tetracosane (C24)	14.741	2511726	19.356 ug/ml
15) T n-Hexacosane (C26)	15.753	2428177	18.699 ug/ml
16) T n-Octacosane (C28)	16.695	2364864	18.266 ug/ml
17) T n-Tricontane (C30)	17.575	2367547	18.224 ug/mlm
18) T n-Dotriacontane (C32)	18.401	2299506	18.257 ug/mlm
19) T n-Tetratriacontane (C34)	19.176	2262164	18.587 ug/mlm
20) T n-Hexatriacontane (C36)	19.909	2201052	19.083 ug/mlm
21) T n-Octatriacontane (C38)	20.615	2150255	20.388 ug/mlm
22) T n-Tetracontane (C40)	21.454	2140719	20.232 ug/ml

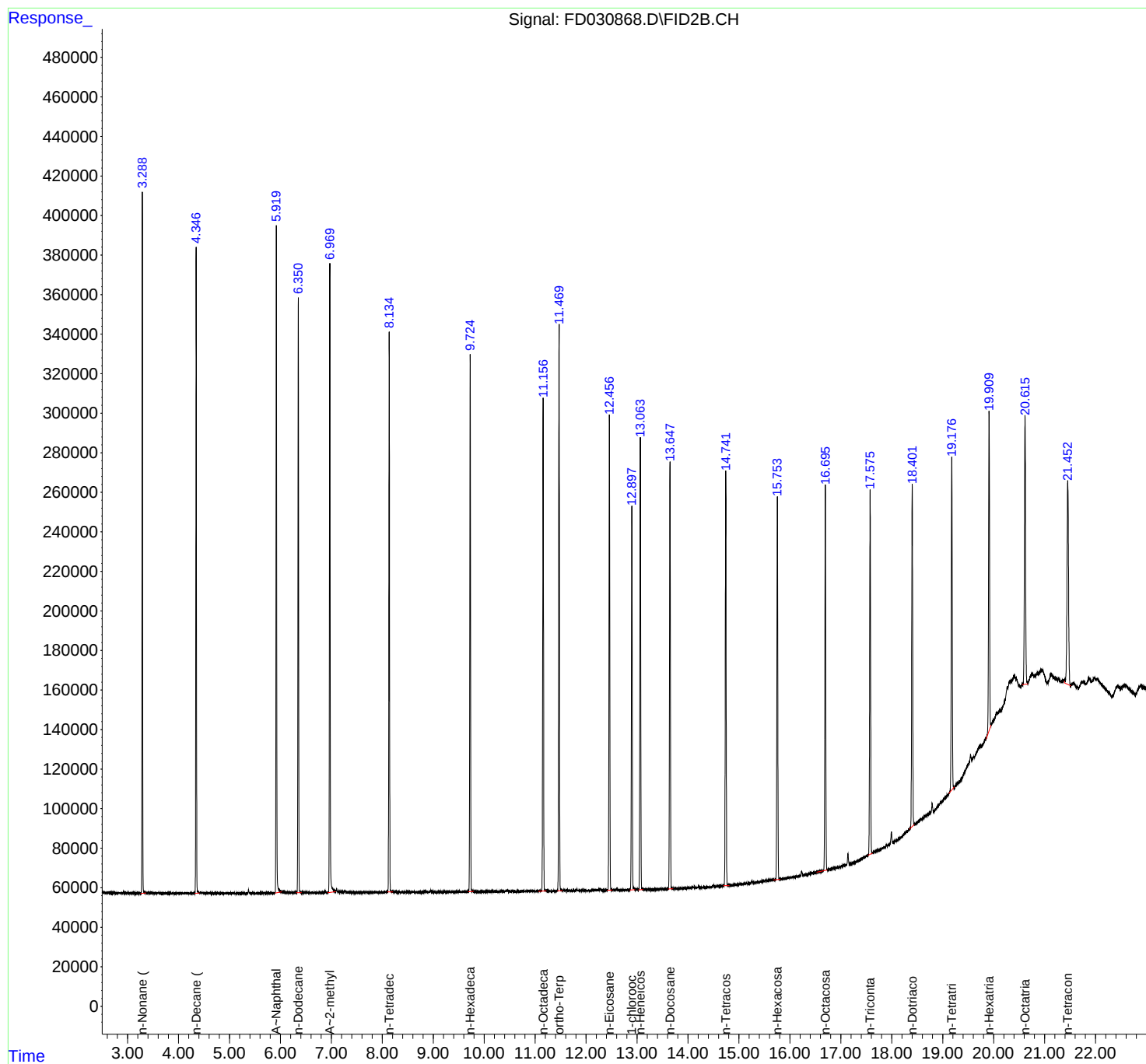
(f)=RT Delta > 1/2 Window

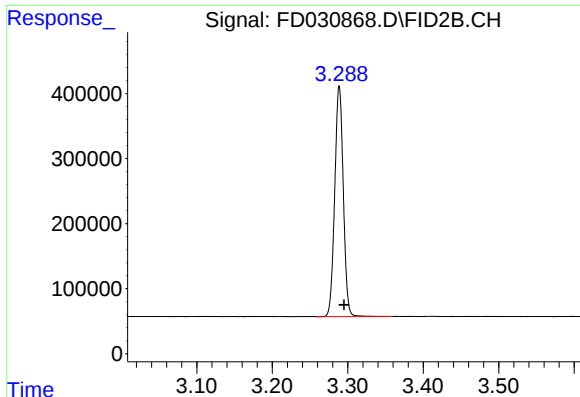
(m)=manual int.

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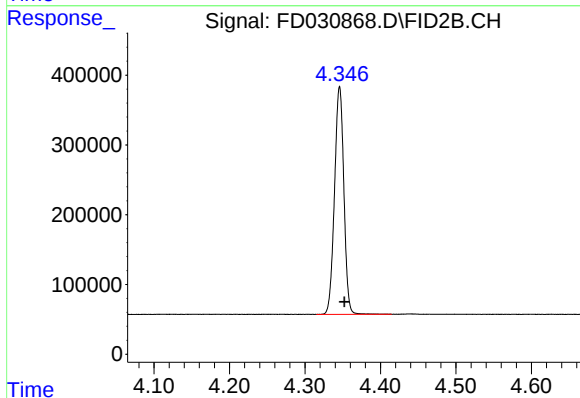
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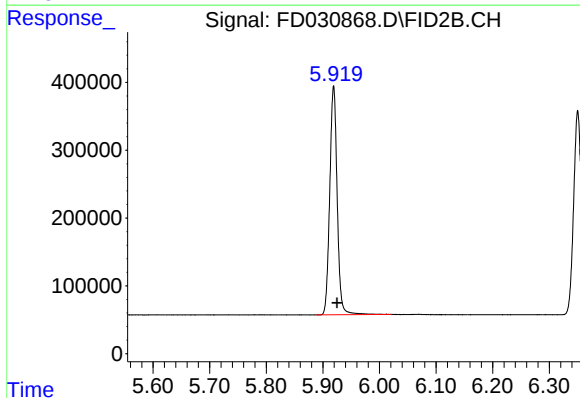
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2798203
Conc: 23.82 ug/ml



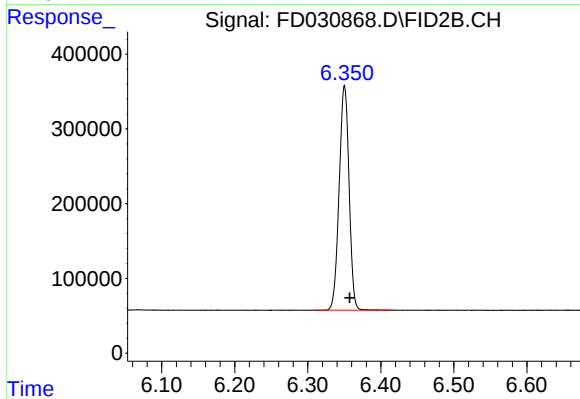
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.007 min
Response: 2808016
Conc: 23.92 ug/ml



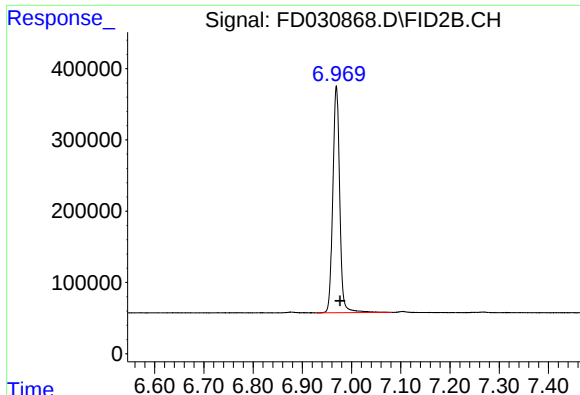
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.006 min
Response: 3076829
Conc: 23.58 ug/ml



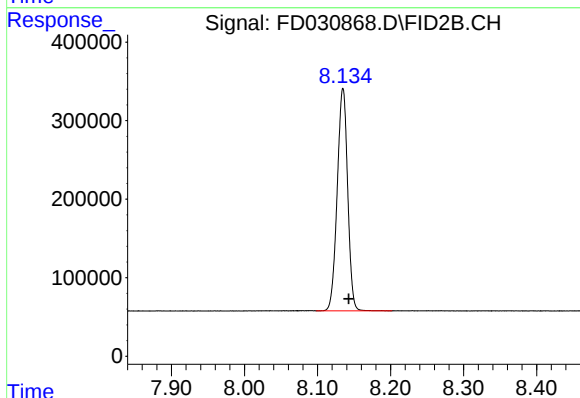
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: -0.007 min
Response: 2835577
Conc: 23.83 ug/ml



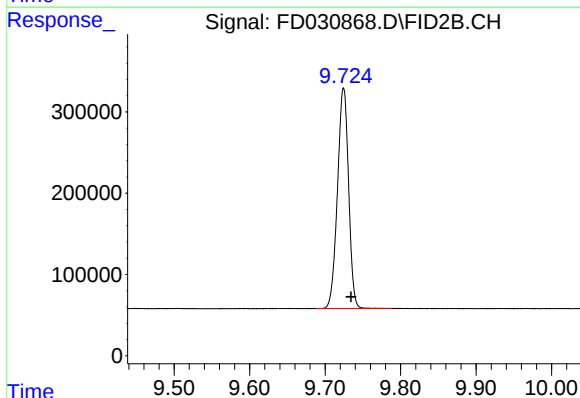
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.008 min
Response: 3098717
Conc: 23.51 ug/ml



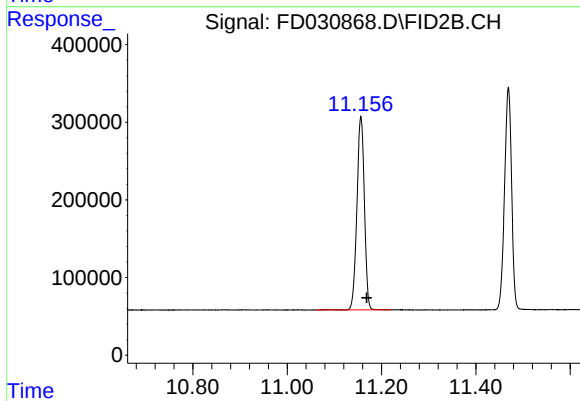
#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: -0.008 min
Response: 2813637
Conc: 23.35 ug/ml



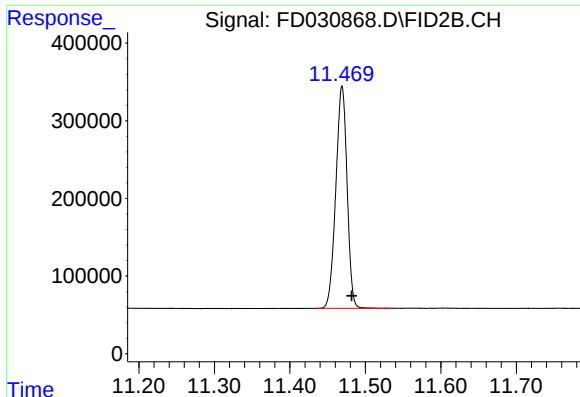
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.010 min
Response: 2785902
Conc: 22.78 ug/ml



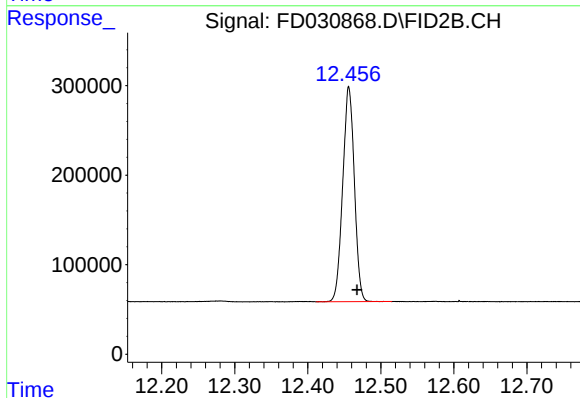
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: -0.012 min
Response: 2742353
Conc: 22.02 ug/ml



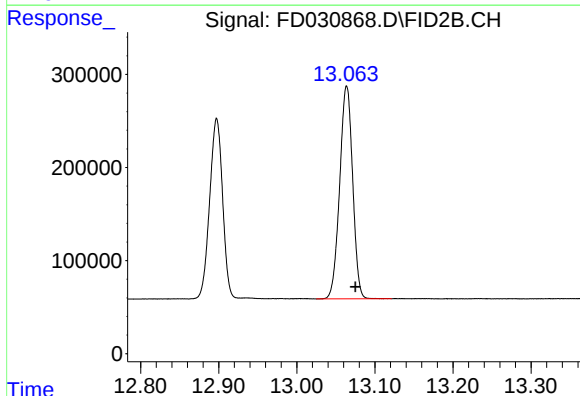
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.013 min
Response: 2971006
Conc: 21.18 ug/ml



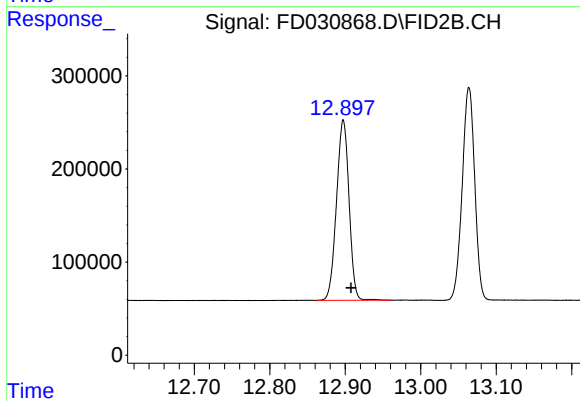
#10 n-Eicosane (C20)

R.T.: 12.456 min
Delta R.T.: -0.011 min
Response: 2658888
Conc: 21.09 ug/ml



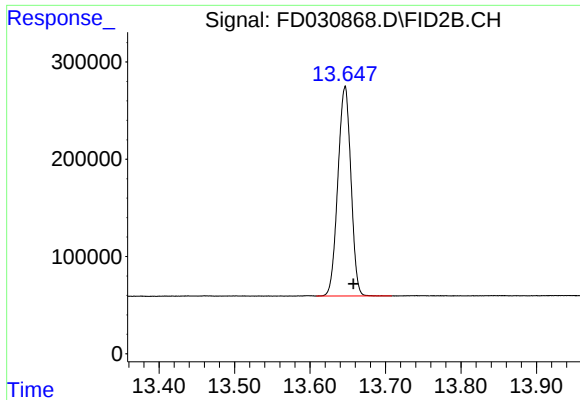
#11 n-Heneicosane (C21)

R.T.: 13.064 min
Delta R.T.: -0.011 min
Response: 2638144
Conc: 20.63 ug/ml



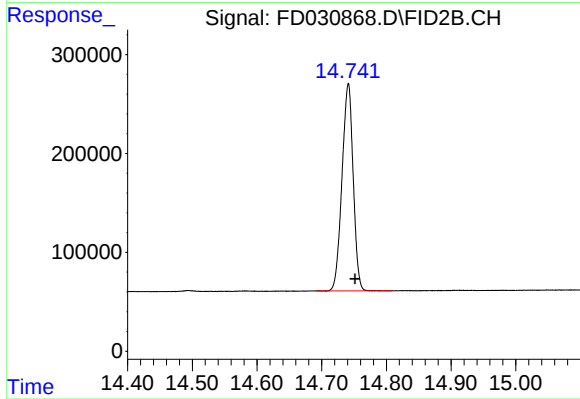
#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.010 min
Response: 2241020
Conc: 20.65 ug/ml



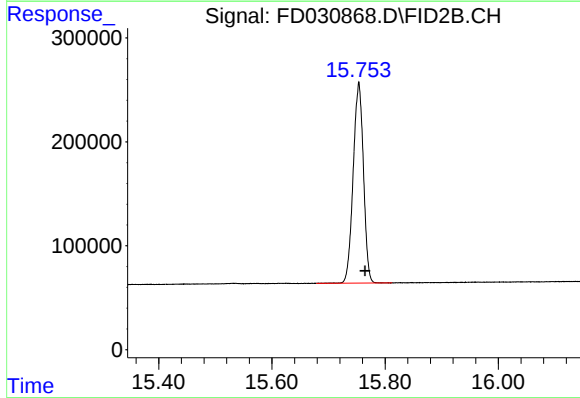
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.011 min
Response: 2586272
Conc: 20.19 ug/ml



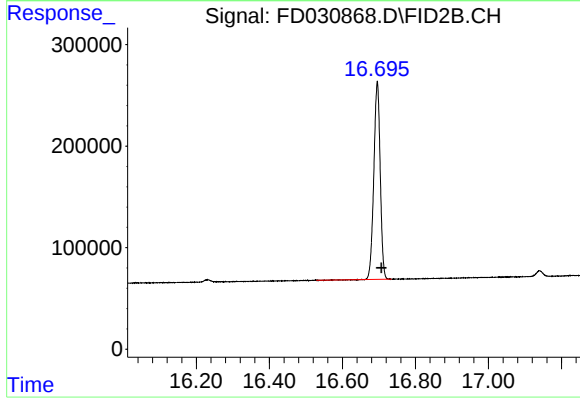
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: -0.011 min
Response: 2511726
Conc: 19.36 ug/ml



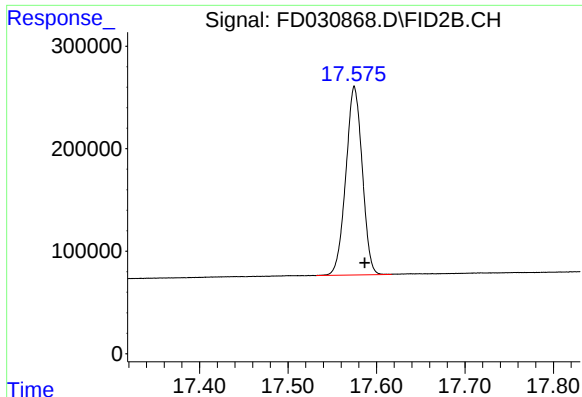
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.011 min
Response: 2428177
Conc: 18.70 ug/ml



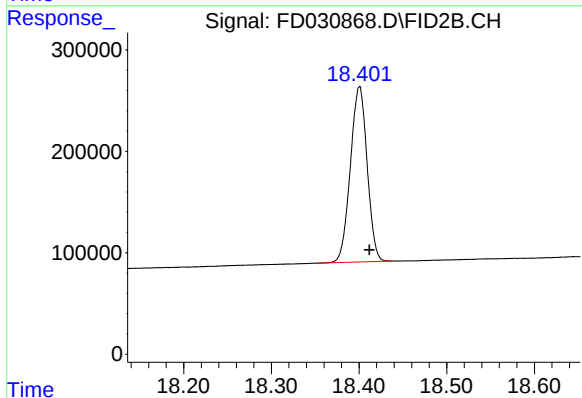
#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.012 min
Response: 2364864
Conc: 18.27 ug/ml



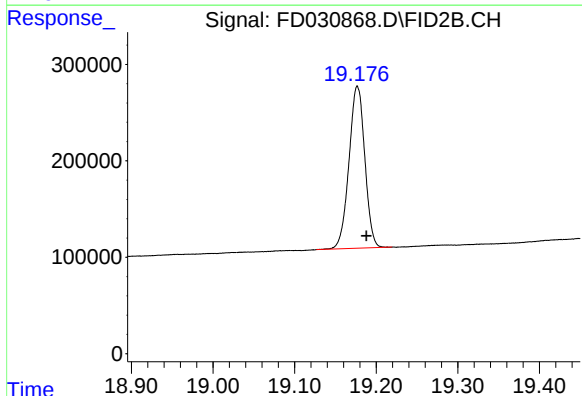
#17 n-Tricontane (C30)

R.T.: 17.575 min
Delta R.T.: -0.012 min
Response: 2367547
Conc: 18.22 ug/ml m



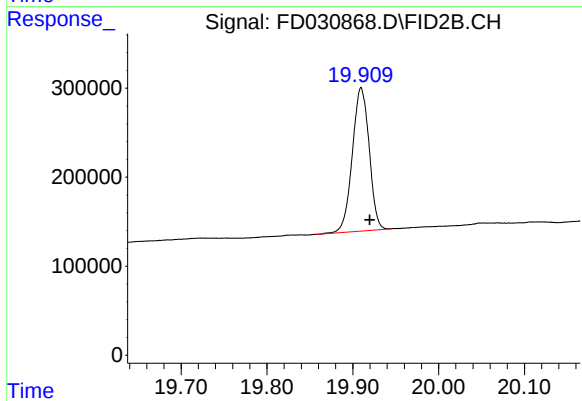
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.011 min
Response: 2299506
Conc: 18.26 ug/ml m



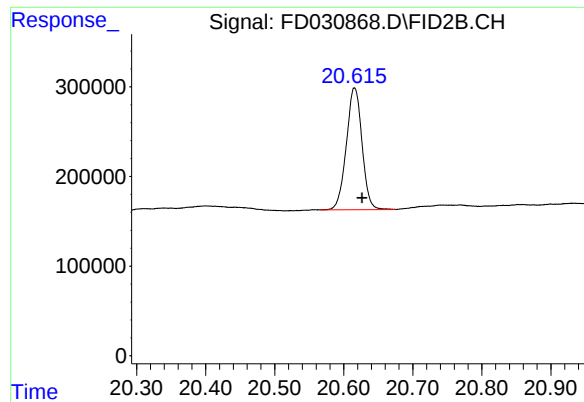
#19 n-Tetratriacontane (C34)

R.T.: 19.176 min
Delta R.T.: -0.012 min
Response: 2262164
Conc: 18.59 ug/ml m



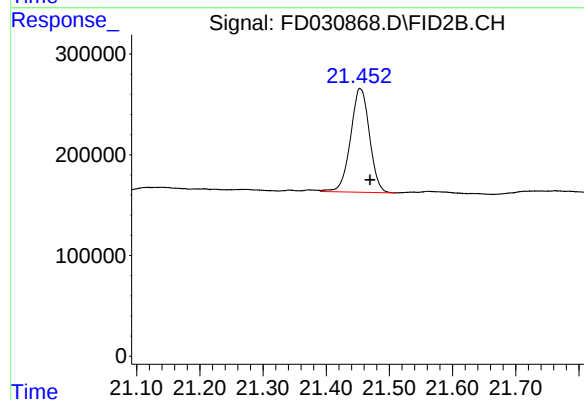
#20 n-Hexatriacontane (C36)

R.T.: 19.909 min
Delta R.T.: -0.010 min
Response: 2201052
Conc: 19.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.615 min
Delta R.T.: -0.011 min
Response: 2150255
Conc: 20.39 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.454 min
Delta R.T.: -0.015 min
Response: 2140719
Conc: 20.23 ug/ml