

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AL\
 Data File : FD042165.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2022 9:34
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 28 10:02:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 22 01:55:29 2022
 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)	11.205	3580648	21.350 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
12) S 1-chlorooctadecane (S...	12.643	2789397	21.138 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
Target Compounds			
1) T n-Nonane (C9)	3.076	3057839	22.434 ug/ml
2) T n-Decane (C10)	4.120	3077504	22.964 ug/ml
3) T A~Naphthalene (C11.7)	5.670	3274026	22.587 ug/ml
4) T n-Dodecane (C12)	6.115	3210527	22.551 ug/ml
5) T A~2-methylnaphthalene...	6.715	3255006	23.358 ug/ml
6) T n-Tetradecane (C14)	7.891	3211687	22.547 ug/ml
7) T n-Hexadecane (C16)	9.477	3234925	22.261 ug/ml
8) T n-Octadecane (C18)	10.907	3268730	21.810 ug/ml
10) T n-Eicosane (C20)	12.206	3269496	21.360 ug/ml
11) T n-Heneicosane (C21)	12.814	3244892	21.048 ug/ml
13) T n-Docosane (C22)	13.396	3357288	21.780 ug/ml
14) T n-Tetracosane (C24)	14.491	3479299	22.497 ug/ml
15) T n-Hexacosane (C26)	15.505	3500125	22.755 ug/ml
16) T n-Octacosane (C28)	16.449	3558692	23.276 ug/ml
17) T n-Tricontane (C30)	17.331	3453573	23.024 ug/ml
18) T n-Dotriacontane (C32)	18.159	3185565	22.529 ug/ml
19) T n-Tetratriacontane (C34)	18.937	2795817	21.725 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2426500	21.443 ug/ml
21) T n-Octatriacontane (C38)	20.368	2238695	22.437 ug/mlm
22) T n-Tetracontane (C40)	21.139	2187525	24.252 ug/ml

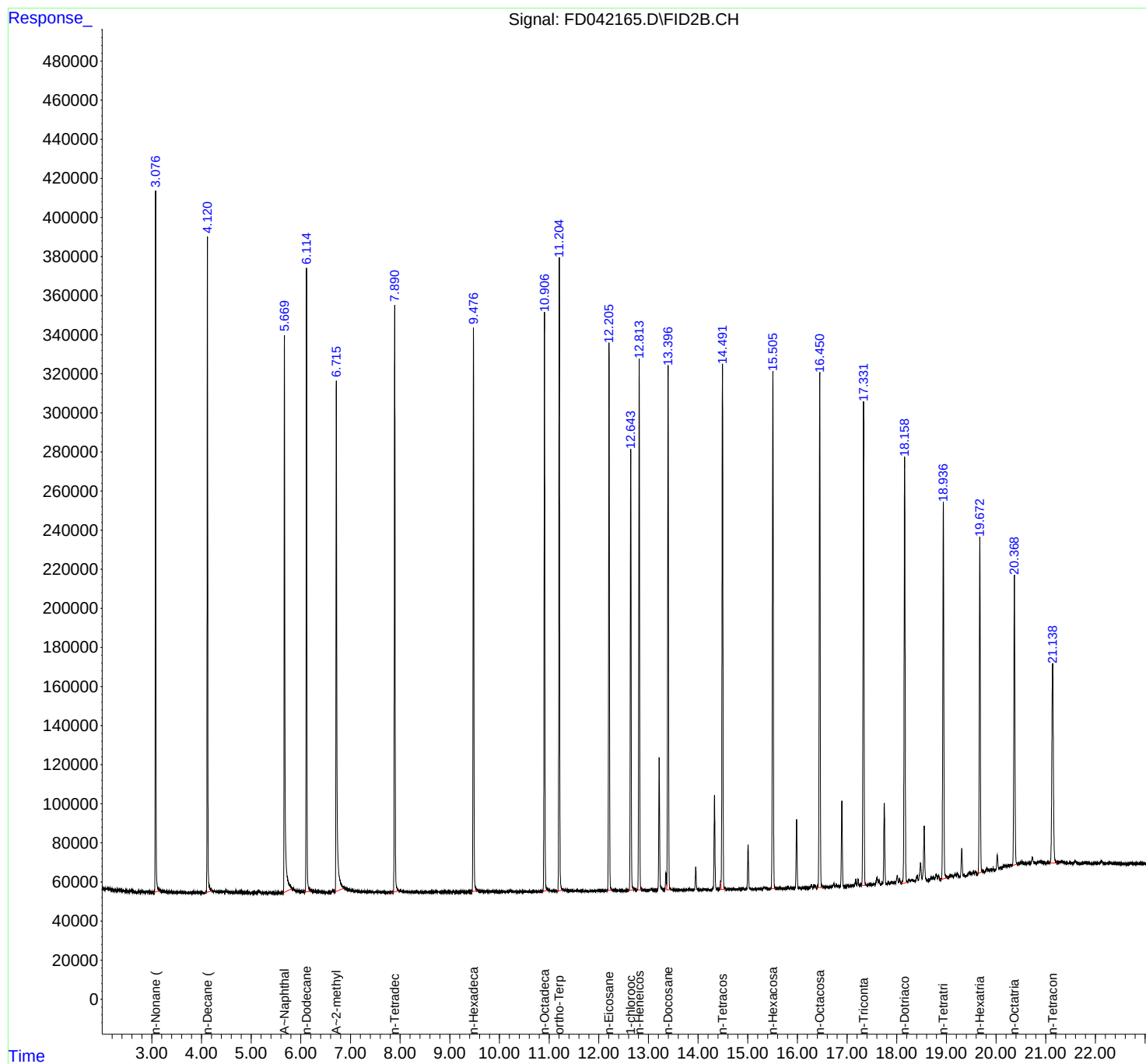
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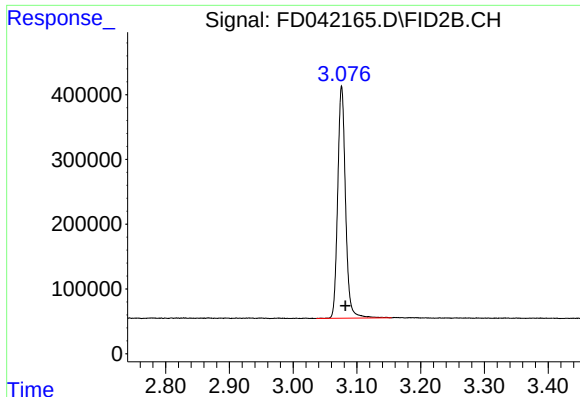
(m)=manual int.

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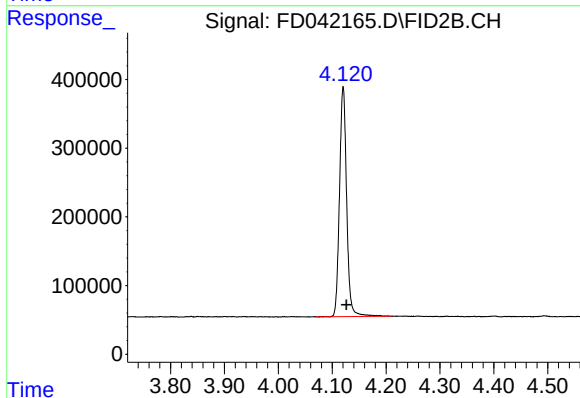
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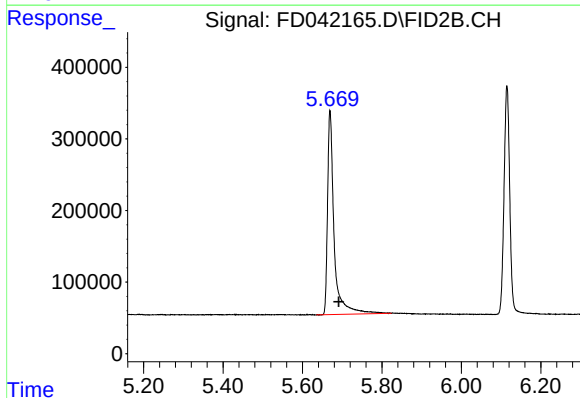
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: -0.006 min
Response: 3057839
Conc: 22.43 ug/ml



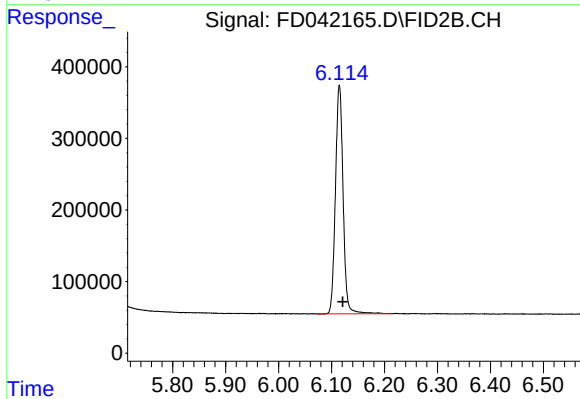
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: -0.006 min
Response: 3077504
Conc: 22.96 ug/ml



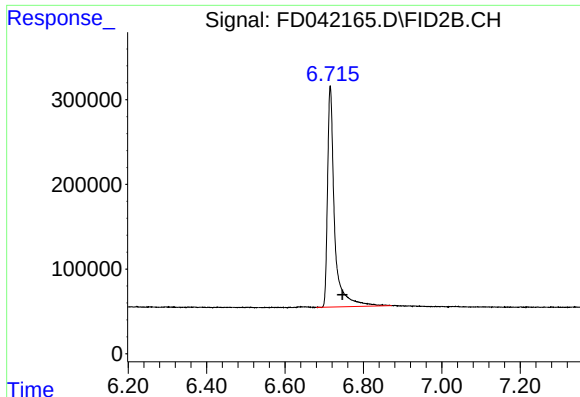
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.022 min
Response: 3274026
Conc: 22.59 ug/ml



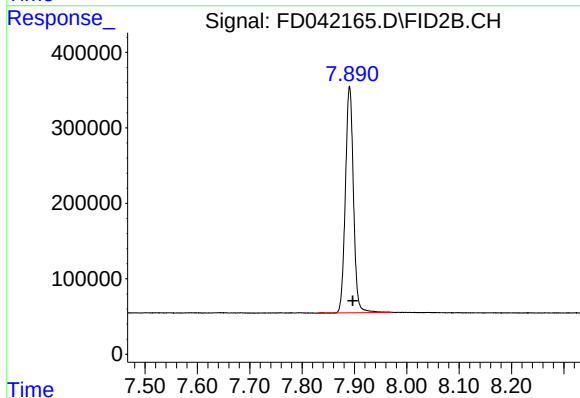
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3210527
Conc: 22.55 ug/ml



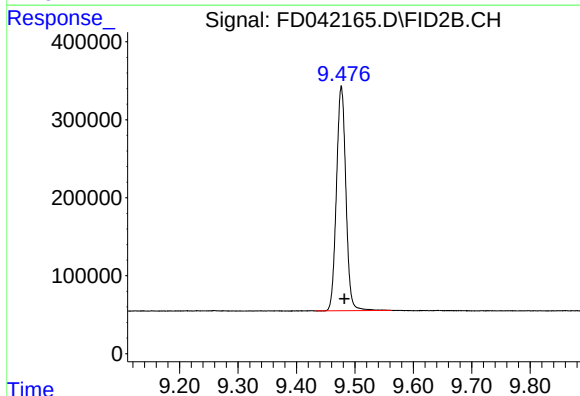
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.715 min
Delta R.T.: -0.031 min
Response: 3255006
Conc: 23.36 ug/ml



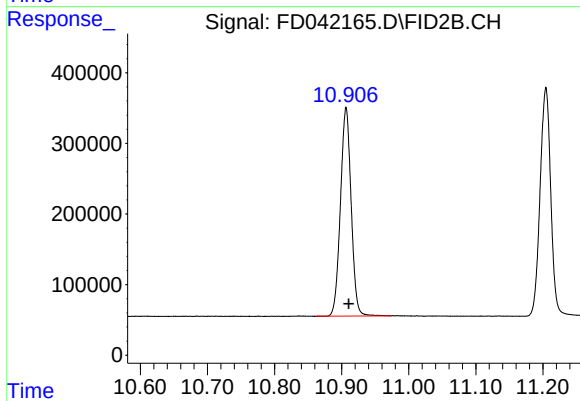
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: -0.006 min
Response: 3211687
Conc: 22.55 ug/ml



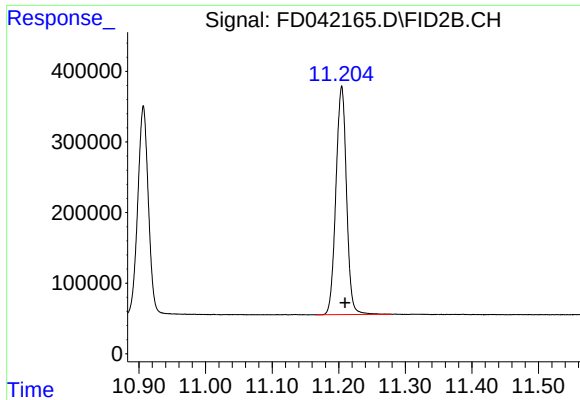
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 3234925
Conc: 22.26 ug/ml



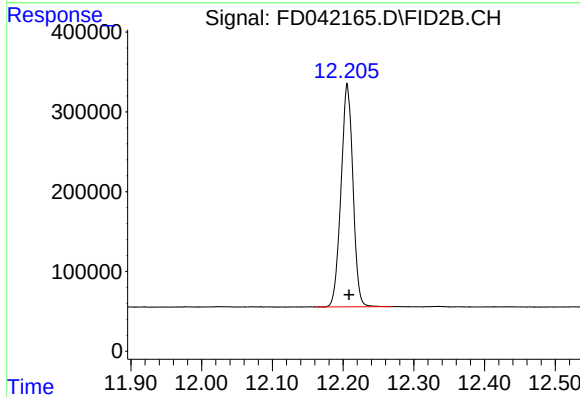
#8 n-Octadecane (C18)

R.T.: 10.907 min
Delta R.T.: -0.004 min
Response: 3268730
Conc: 21.81 ug/ml



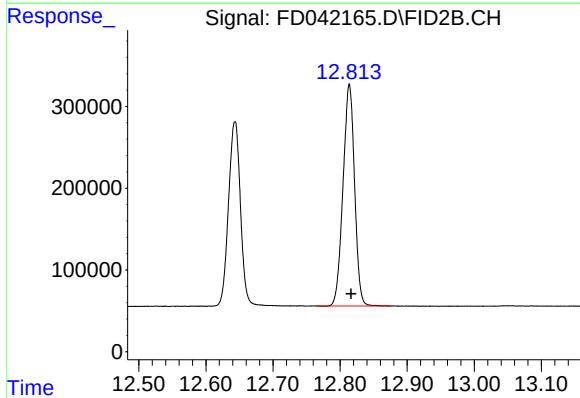
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.005 min
Response: 3580648
Conc: 21.35 ug/ml



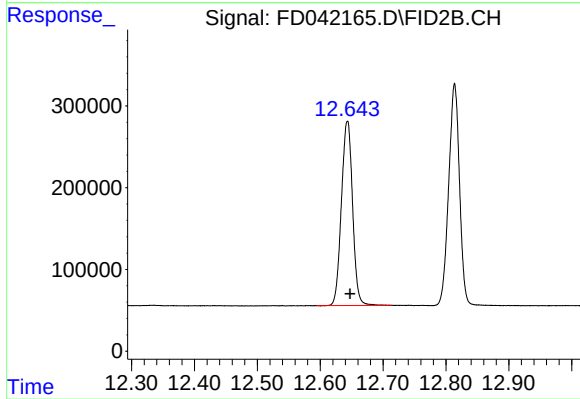
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.003 min
Response: 3269496
Conc: 21.36 ug/ml



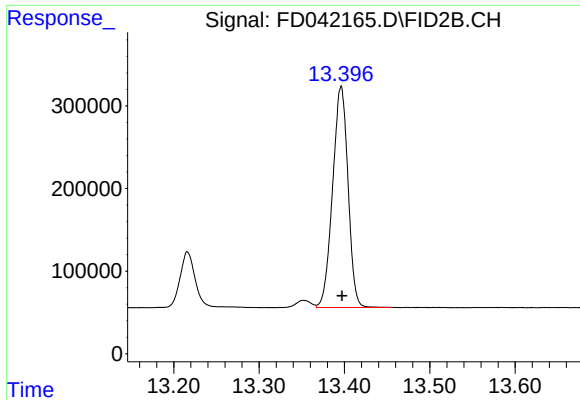
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 3244892
Conc: 21.05 ug/ml



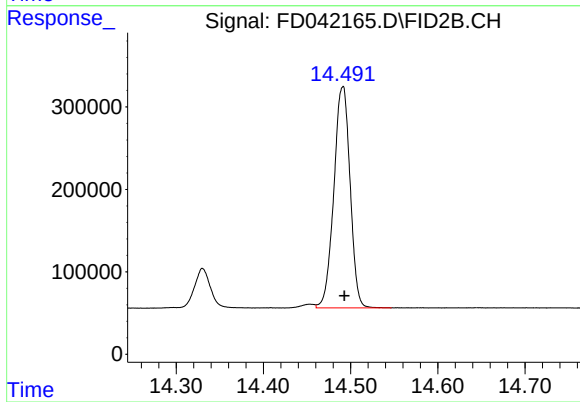
#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: -0.004 min
Response: 2789397
Conc: 21.14 ug/ml



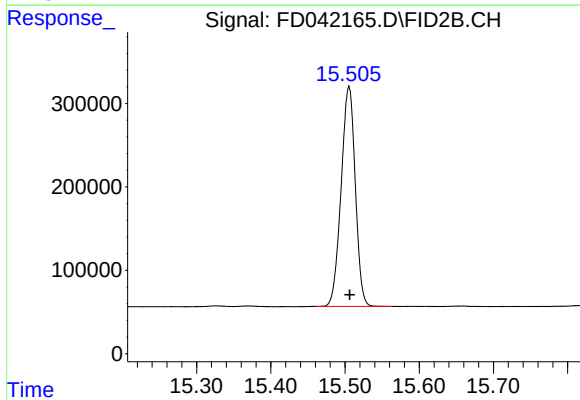
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: -0.001 min
Response: 3357288
Conc: 21.78 ug/ml



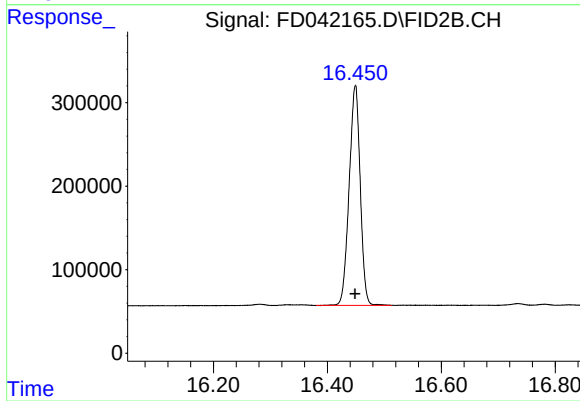
#14 n-Tetracosane (C24)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 3479299
Conc: 22.50 ug/ml



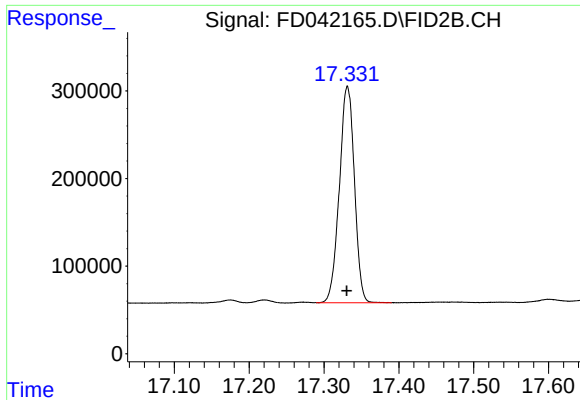
#15 n-Hexacosane (C26)

R.T.: 15.505 min
Delta R.T.: 0.000 min
Response: 3500125
Conc: 22.76 ug/ml



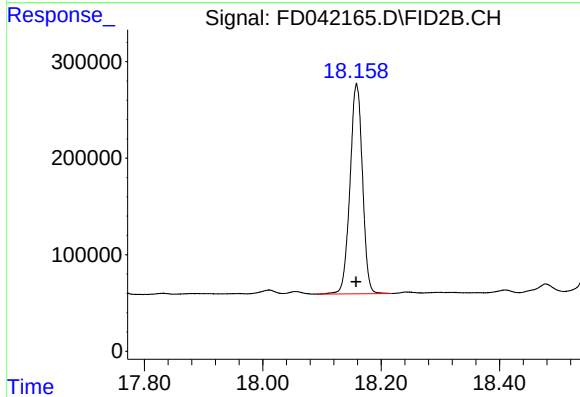
#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 3558692
Conc: 23.28 ug/ml



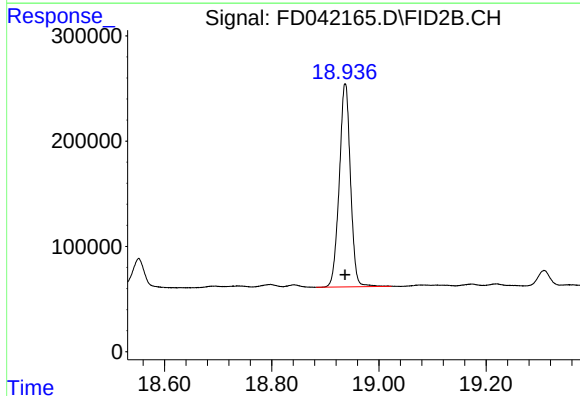
#17 n-Tricontane (C30)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 3453573
Conc: 23.02 ug/ml



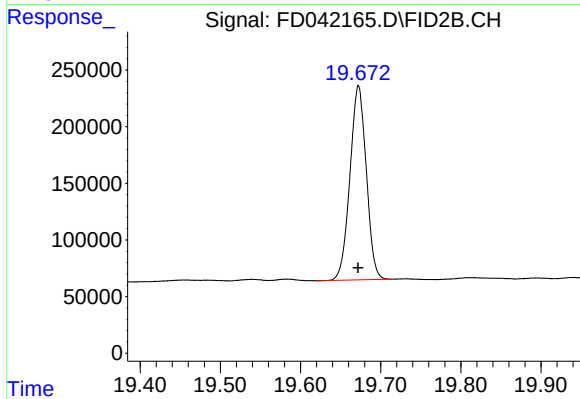
#18 n-Dotriacontane (C32)

R.T.: 18.159 min
Delta R.T.: 0.001 min
Response: 3185565
Conc: 22.53 ug/ml



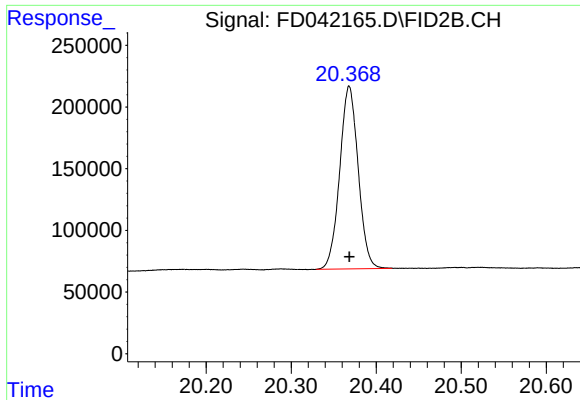
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 2795817
Conc: 21.73 ug/ml



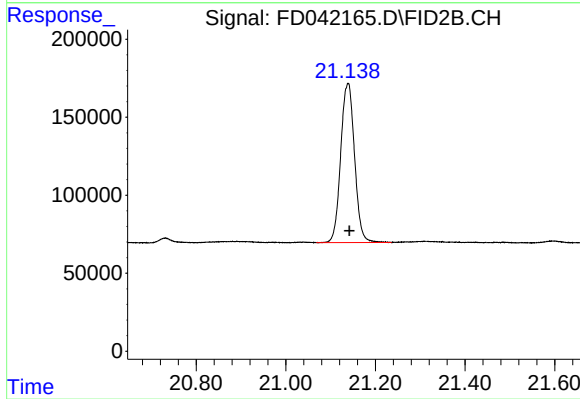
#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 2426500
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: -0.001 min
Response: 2238695
Conc: 22.44 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 2187525
Conc: 24.25 ug/ml