

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012022AL\
 Data File : FD040683.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jan 2022 12:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 00:34:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.619	2761695	17.911 ug/ml
Spiked Amount 50.000		Recovery =	35.82%
12) S 1-chlorooctadecane (S...	12.058	2088847	17.746 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T n-Nonane (C9)	2.569	2353854	18.335 ug/ml
2) T n-Decane (C10)	3.555	2402513	18.658 ug/ml
3) T A~Naphthalene (C11.7)	5.086	2674296	18.823 ug/ml
4) T n-Dodecane (C12)	5.523	2440357	19.093 ug/ml
5) T A~2-methylnaphthalene...	6.126	2698162	19.126 ug/ml
6) T n-Tetradecane (C14)	7.300	2517242	19.432 ug/ml
7) T n-Hexadecane (C16)	8.888	2537760	19.479 ug/ml
8) T n-Octadecane (C18)	10.320	2577287	19.020 ug/ml
10) T n-Eicosane (C20)	11.620	2539794	18.672 ug/ml
11) T n-Heneicosane (C21)	12.227	2478952	17.902 ug/ml
13) T n-Docosane (C22)	12.810	2605344	18.895 ug/ml
14) T n-Tetracosane (C24)	13.907	2826859	20.217 ug/ml
15) T n-Hexacosane (C26)	14.922	2887429	20.947 ug/ml
16) T n-Octacosane (C28)	15.867	3055378	22.518 ug/ml
17) T n-Tricontane (C30)	16.751	3170800	24.327 ug/ml
18) T n-Dotriacontane (C32)	17.579	2914831	24.383 ug/ml
19) T n-Tetratriacontane (C34)	18.359	2501687	23.759 ug/ml
20) T n-Hexatriacontane (C36)	19.095	2059841	20.328 ug/ml
21) T n-Octatriacontane (C38)	19.794	1902272	21.291 ug/ml
22) T n-Tetracontane (C40)	20.593	1732928	20.273 ug/ml

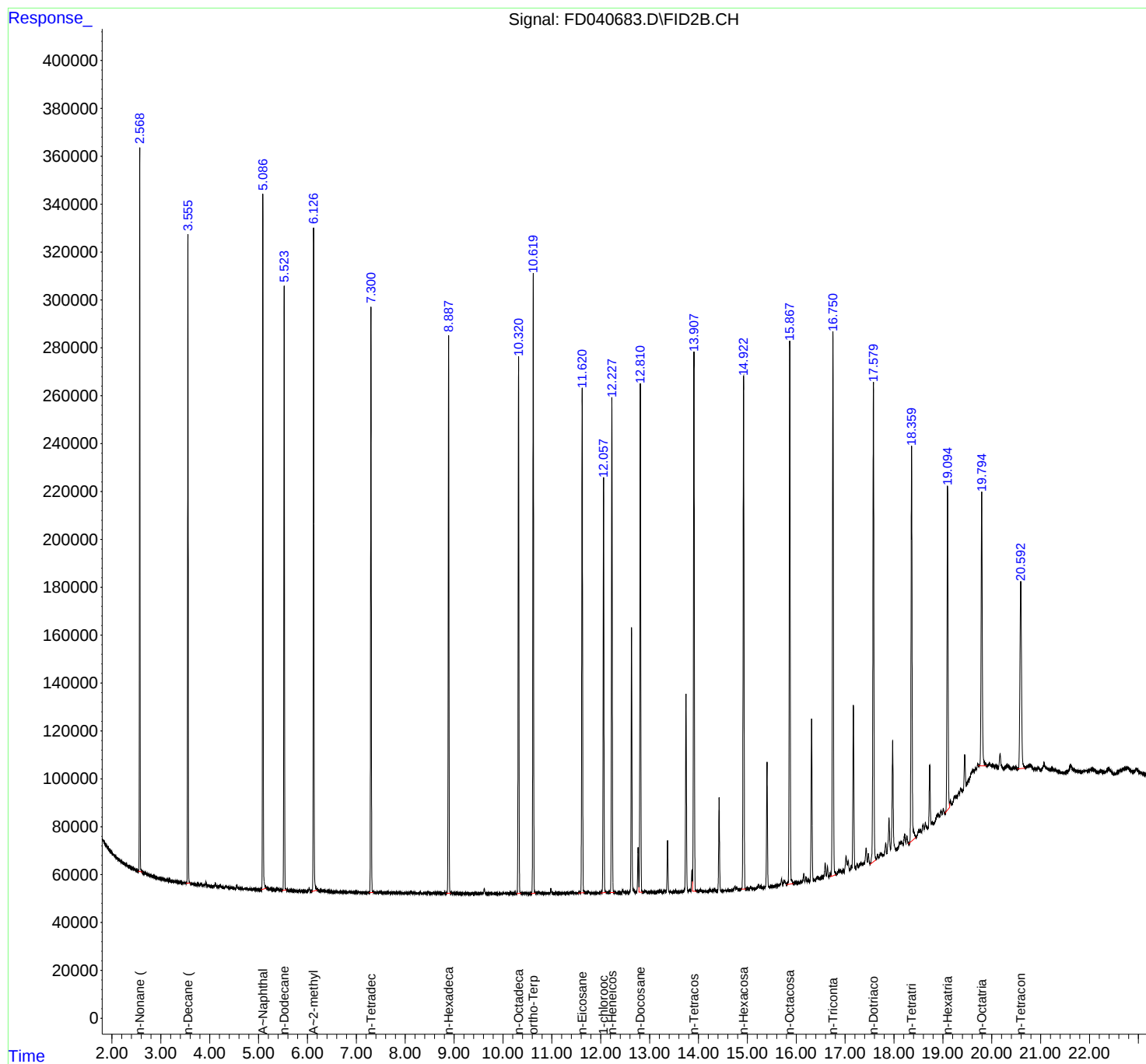
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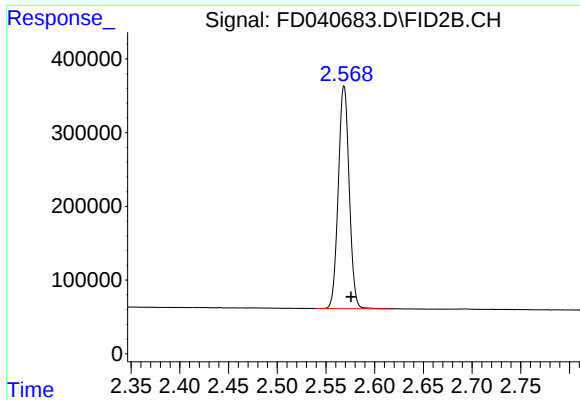
(m)=manual int.

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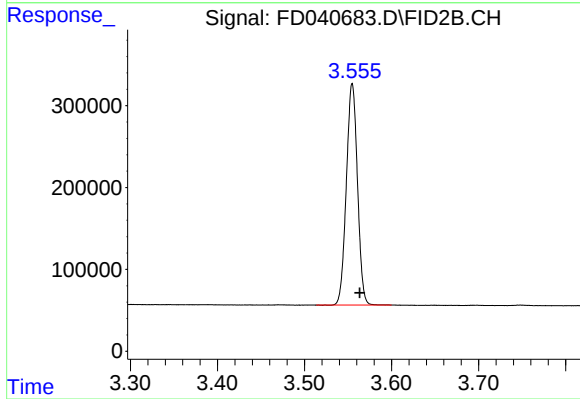
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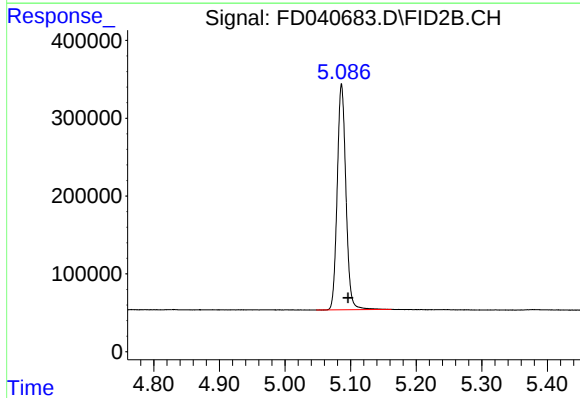
#1 n-Nonane (C9)

R.T.: 2.569 min
Delta R.T.: -0.007 min
Response: 2353854
Conc: 18.33 ug/ml



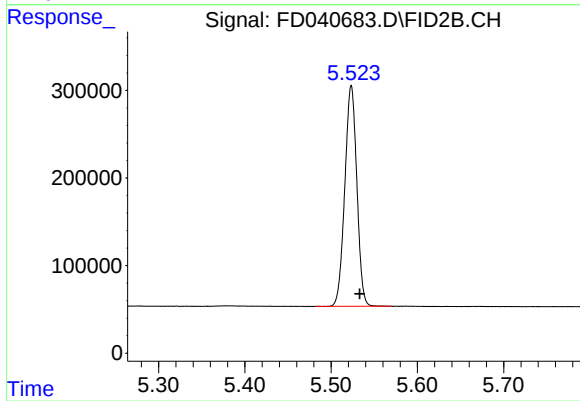
#2 n-Decane (C10)

R.T.: 3.555 min
Delta R.T.: -0.009 min
Response: 2402513
Conc: 18.66 ug/ml



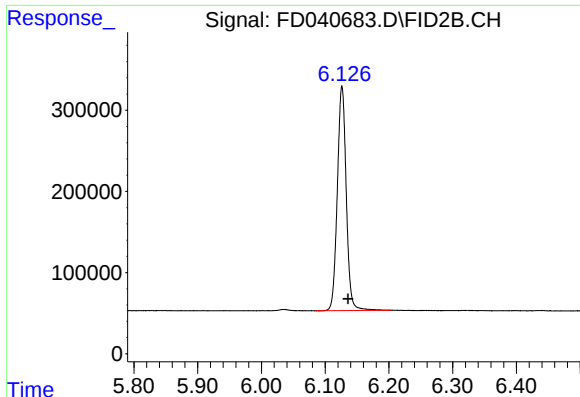
#3 A~Naphthalene (C11.7)

R.T.: 5.086 min
Delta R.T.: -0.010 min
Response: 2674296
Conc: 18.82 ug/ml



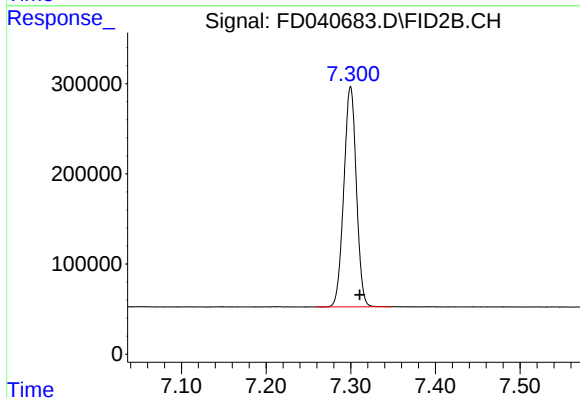
#4 n-Dodecane (C12)

R.T.: 5.523 min
Delta R.T.: -0.010 min
Response: 2440357
Conc: 19.09 ug/ml



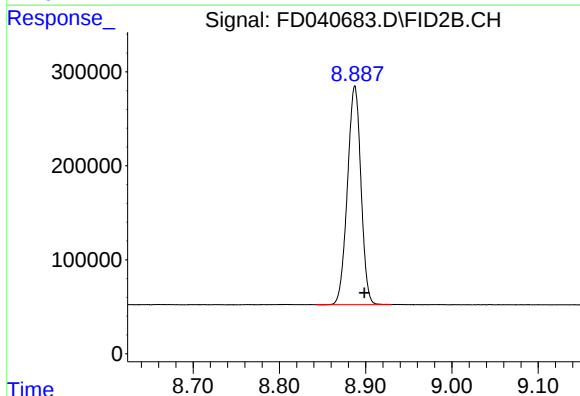
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.126 min
Delta R.T.: -0.010 min
Response: 2698162
Conc: 19.13 ug/ml



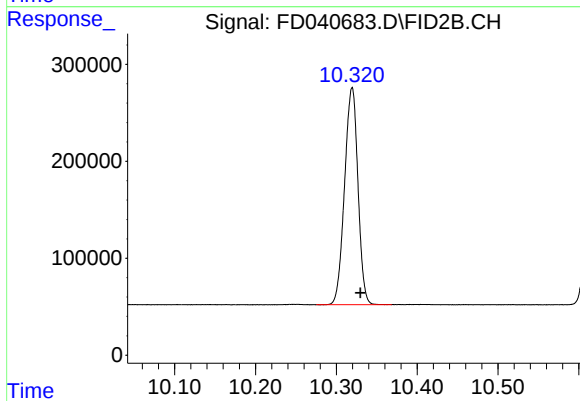
#6 n-Tetradecane (C14)

R.T.: 7.300 min
Delta R.T.: -0.011 min
Response: 2517242
Conc: 19.43 ug/ml



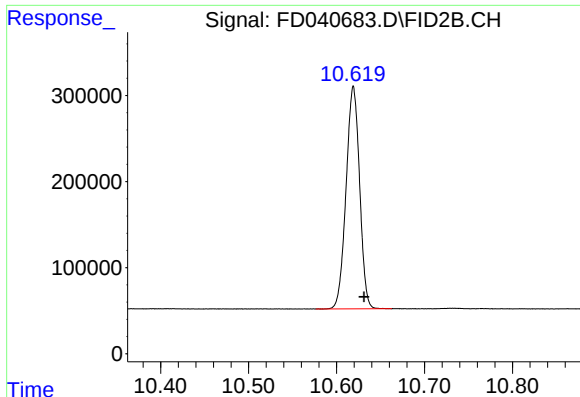
#7 n-Hexadecane (C16)

R.T.: 8.888 min
Delta R.T.: -0.011 min
Response: 2537760
Conc: 19.48 ug/ml



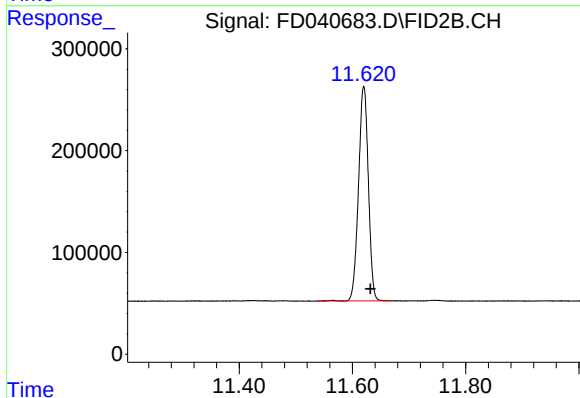
#8 n-Octadecane (C18)

R.T.: 10.320 min
Delta R.T.: -0.010 min
Response: 2577287
Conc: 19.02 ug/ml



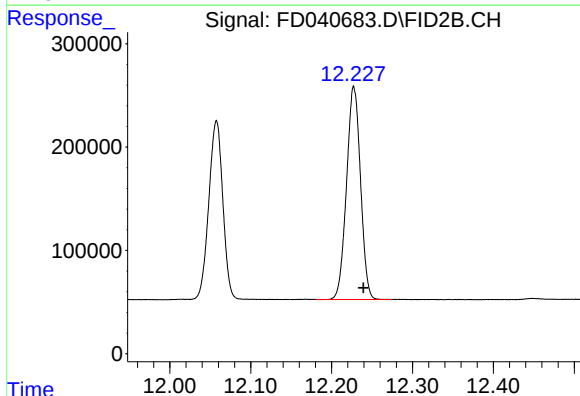
#9 ortho-Terphenyl (SURR)

R.T.: 10.619 min
Delta R.T.: -0.012 min
Response: 2761695
Conc: 17.91 ug/ml



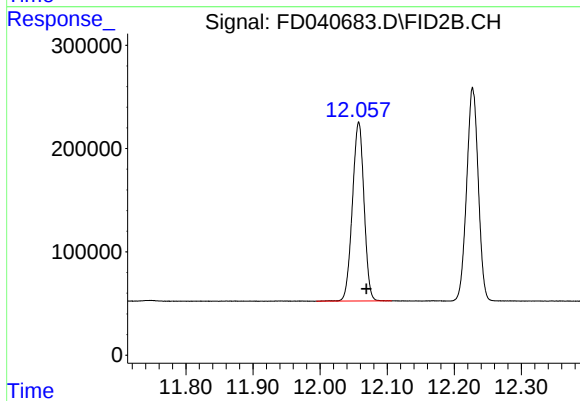
#10 n-Eicosane (C20)

R.T.: 11.620 min
Delta R.T.: -0.012 min
Response: 2539794
Conc: 18.67 ug/ml



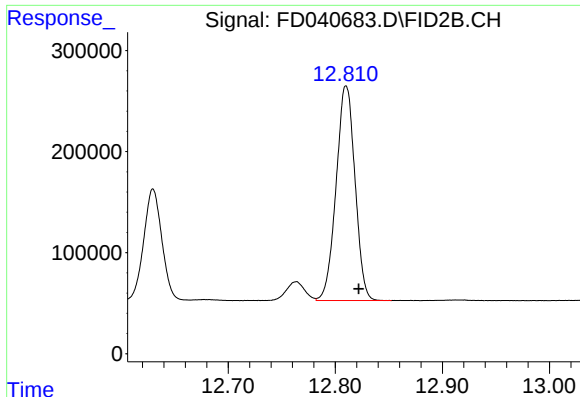
#11 n-Heneicosane (C21)

R.T.: 12.227 min
Delta R.T.: -0.012 min
Response: 2478952
Conc: 17.90 ug/ml



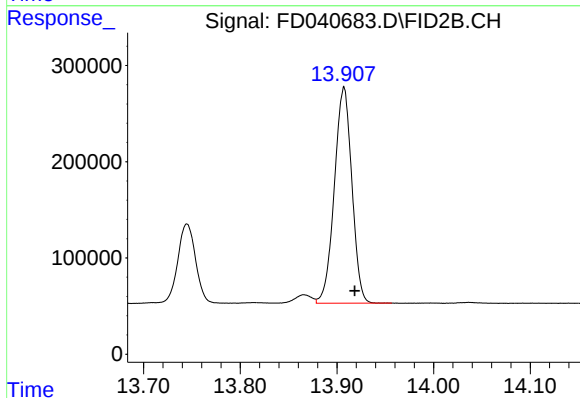
#12 1-chlorooctadecane (SURR)

R.T.: 12.058 min
Delta R.T.: -0.012 min
Response: 2088847
Conc: 17.75 ug/ml



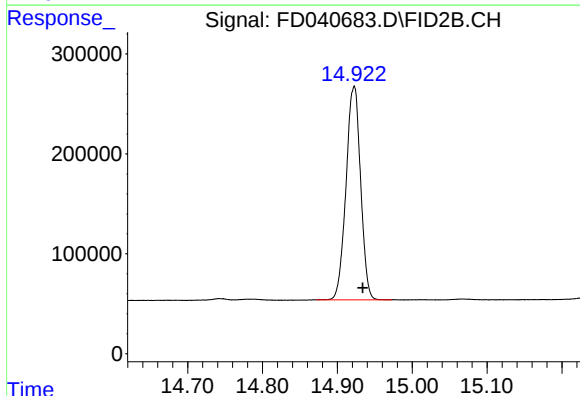
#13 n-Docosane (C22)

R.T.: 12.810 min
Delta R.T.: -0.012 min
Response: 2605344
Conc: 18.89 ug/ml



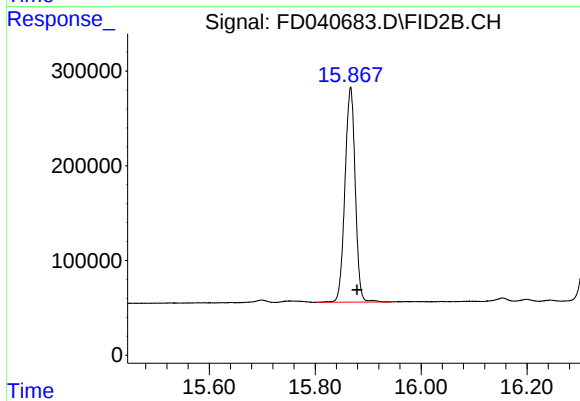
#14 n-Tetracosane (C24)

R.T.: 13.907 min
Delta R.T.: -0.011 min
Response: 2826859
Conc: 20.22 ug/ml



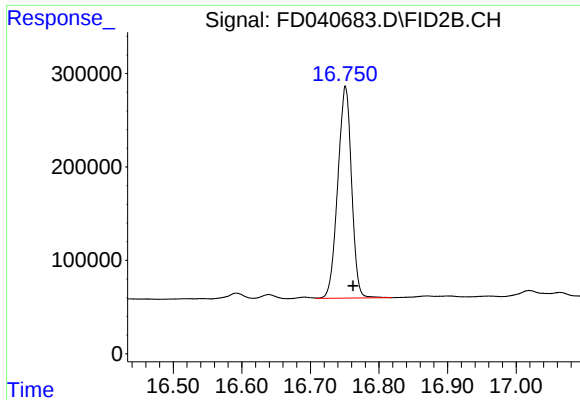
#15 n-Hexacosane (C26)

R.T.: 14.922 min
Delta R.T.: -0.012 min
Response: 2887429
Conc: 20.95 ug/ml



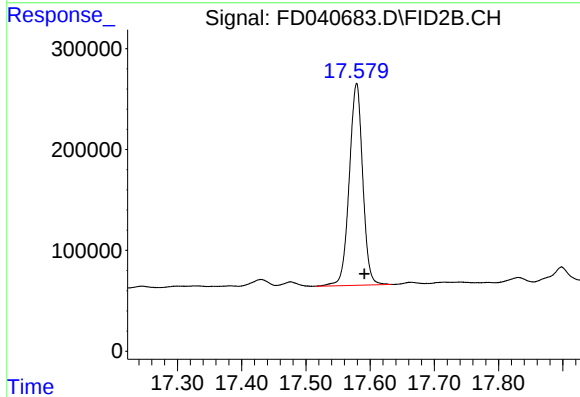
#16 n-Octacosane (C28)

R.T.: 15.867 min
Delta R.T.: -0.013 min
Response: 3055378
Conc: 22.52 ug/ml



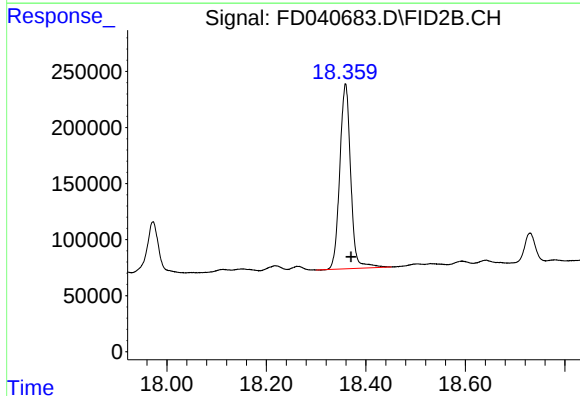
#17 n-Tricontane (C30)

R.T.: 16.751 min
Delta R.T.: -0.011 min
Response: 3170800
Conc: 24.33 ug/ml



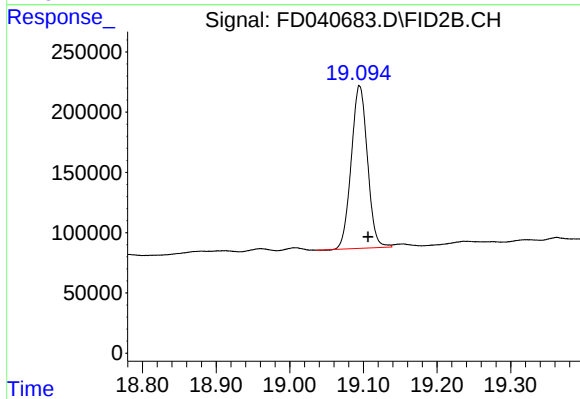
#18 n-Dotriacontane (C32)

R.T.: 17.579 min
Delta R.T.: -0.012 min
Response: 2914831
Conc: 24.38 ug/ml



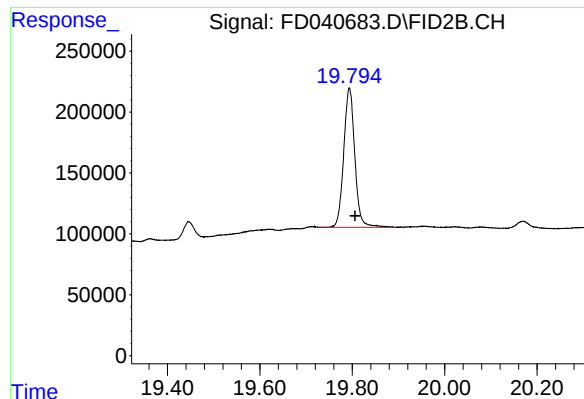
#19 n-Tetratriacontane (C34)

R.T.: 18.359 min
Delta R.T.: -0.011 min
Response: 2501687
Conc: 23.76 ug/ml



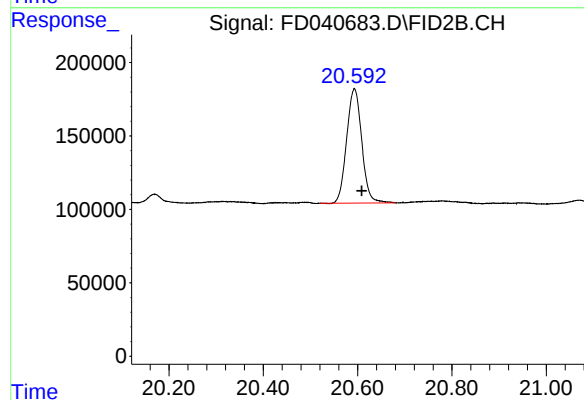
#20 n-Hexatriacontane (C36)

R.T.: 19.095 min
Delta R.T.: -0.012 min
Response: 2059841
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.794 min
Delta R.T.: -0.012 min
Response: 1902272
Conc: 21.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.593 min
Delta R.T.: -0.016 min
Response: 1732928
Conc: 20.27 ug/ml