

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039842.D
 Signal(s) : FID2B.CH
 Acq On : 12 Dec 2021 13:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 01:34:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 11:55:55 2021
 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)	11.459	2648123	19.186 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	12.888	2090226	19.445 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T n-Nonane (C9)	3.265	2254307	18.790 ug/ml
2) T n-Decane (C10)	4.324	2344404	19.445 ug/ml
3) T A~Naphthalene (C11.7)	5.901	2576800	19.945 ug/ml
4) T n-Dodecane (C12)	6.330	2343905	19.463 ug/ml
5) T A~2-methylnaphthalene...	6.951	2593819	20.116 ug/ml
6) T n-Tetradecane (C14)	8.115	2377747	19.617 ug/ml
7) T n-Hexadecane (C16)	9.708	2409896	19.694 ug/ml
8) T n-Octadecane (C18)	11.143	2500998	19.587 ug/ml
10) T n-Eicosane (C20)	12.447	2498283	19.463 ug/ml
11) T n-Heneicosane (C21)	13.055	2524789	19.272 ug/ml
13) T n-Docosane (C22)	13.639	2536527	19.395 ug/ml
14) T n-Tetracosane (C24)	14.736	2609985	19.514 ug/ml
15) T n-Hexacosane (C26)	15.751	2551631	19.413 ug/ml
16) T n-Octacosane (C28)	16.697	2516252	19.410 ug/ml
17) T n-Tricontane (C30)	17.579	2468873	19.917 ug/ml
18) T n-Dotriacontane (C32)	18.407	2356641	20.534 ug/ml
19) T n-Tetratriacontane (C34)	19.186	2166632	20.326 ug/ml
20) T n-Hexatriacontane (C36)	19.921	1961826	20.037 ug/ml
21) T n-Octatriacontane (C38)	20.631	2114375	23.235 ug/ml
22) T n-Tetracontane (C40)	21.477	1805273	22.664 ug/ml

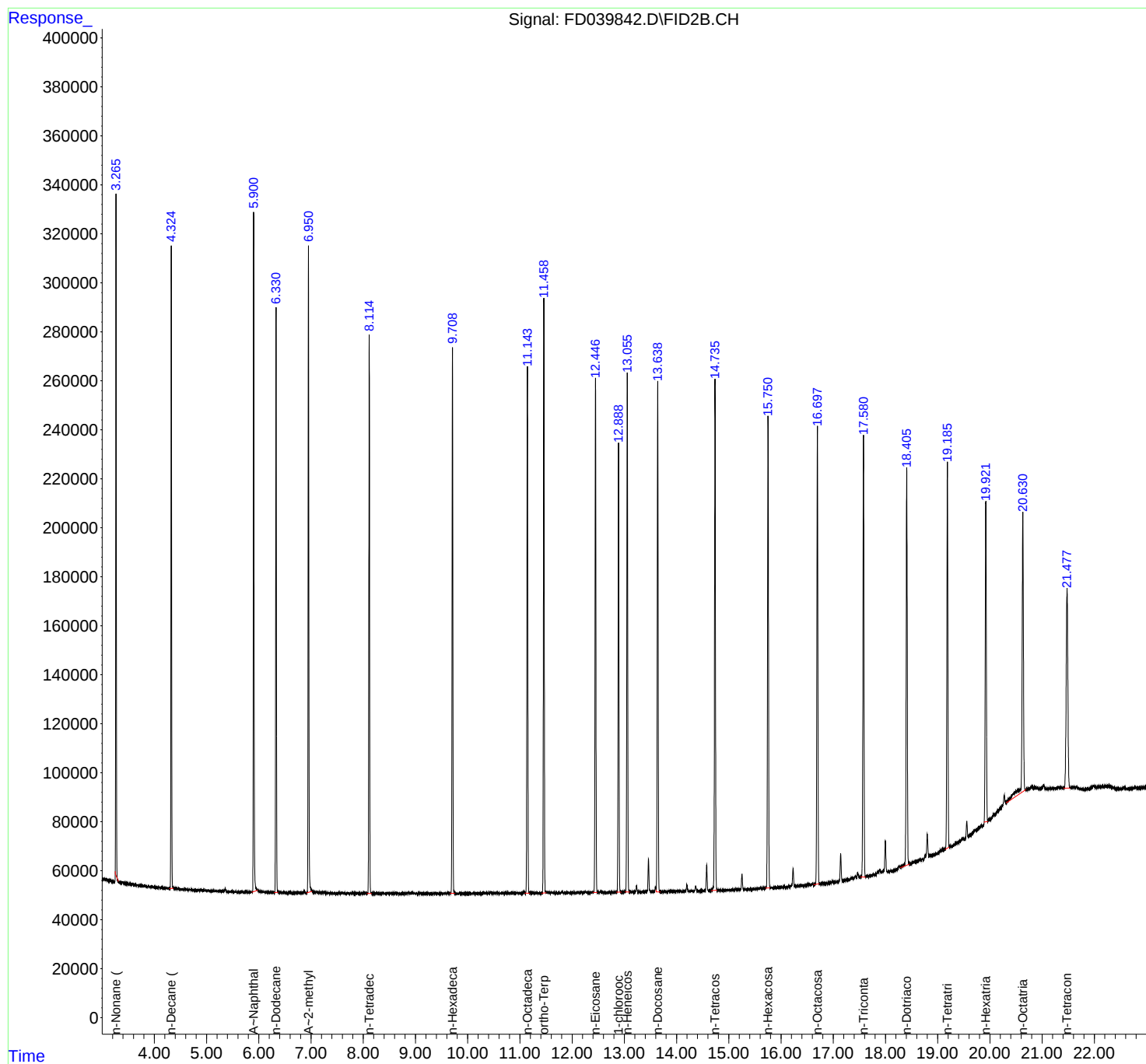
(f)=RT Delta > 1/2 Window

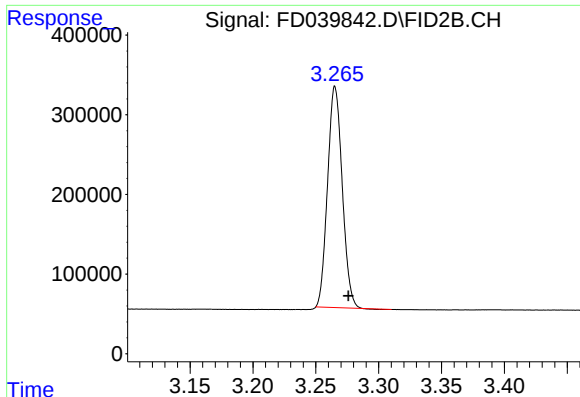
(m)=manual int.

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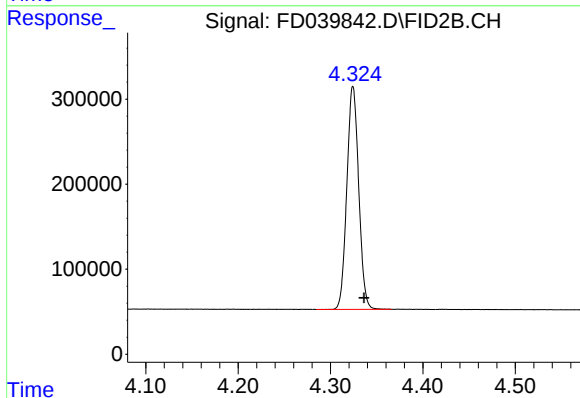
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





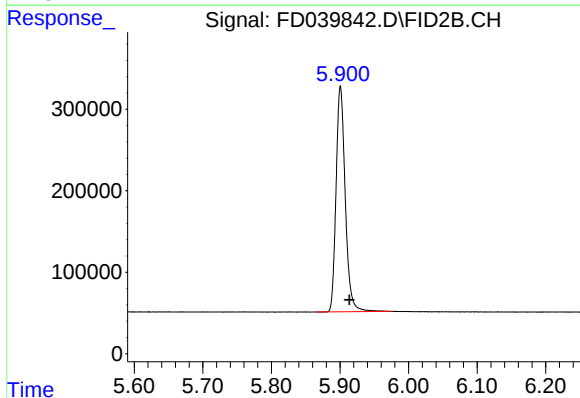
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.011 min
Response: 2254307
Conc: 18.79 ug/ml



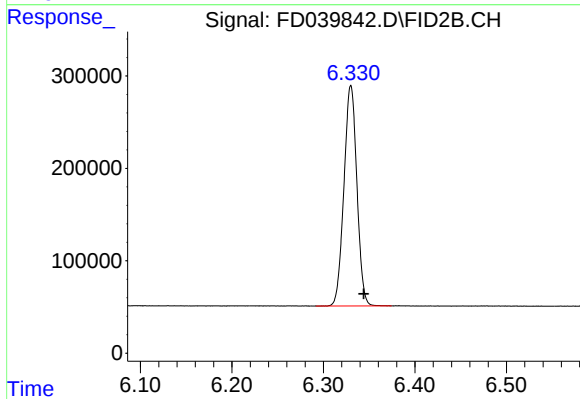
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.012 min
Response: 2344404
Conc: 19.44 ug/ml



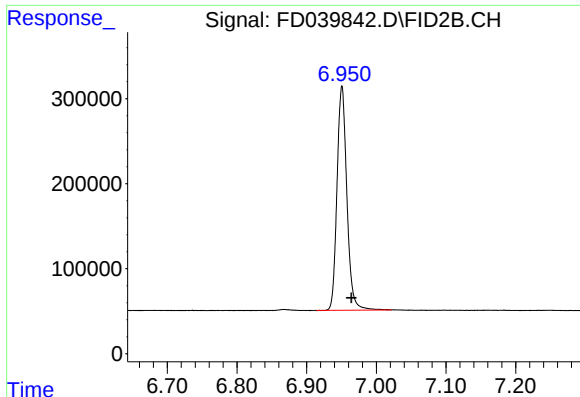
#3 A~Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.013 min
Response: 2576800
Conc: 19.94 ug/ml



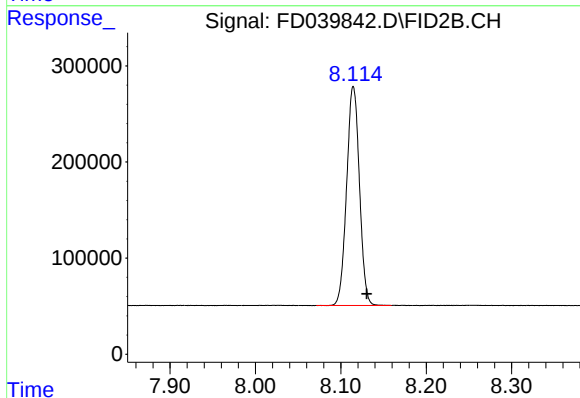
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.014 min
Response: 2343905
Conc: 19.46 ug/ml



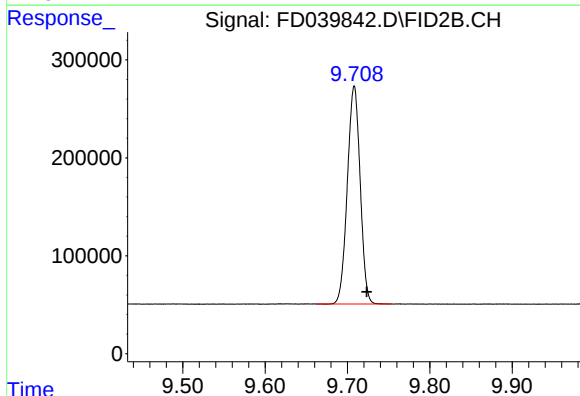
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: -0.014 min
Response: 2593819
Conc: 20.12 ug/ml



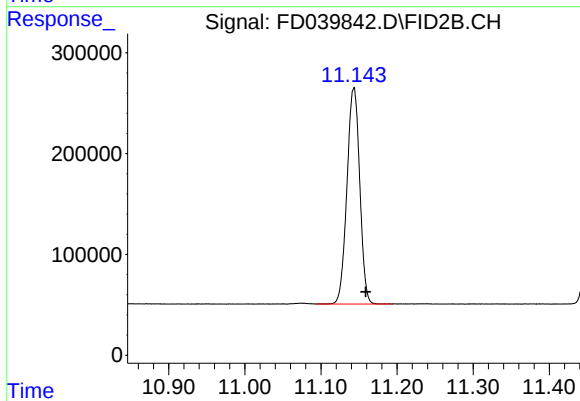
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.016 min
Response: 2377747
Conc: 19.62 ug/ml



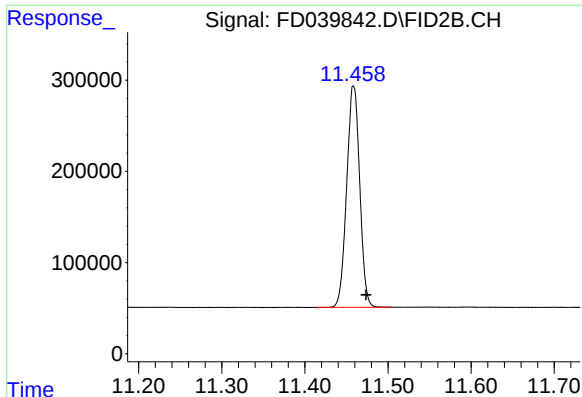
#7 n-Hexadecane (C16)

R.T.: 9.708 min
Delta R.T.: -0.015 min
Response: 2409896
Conc: 19.69 ug/ml



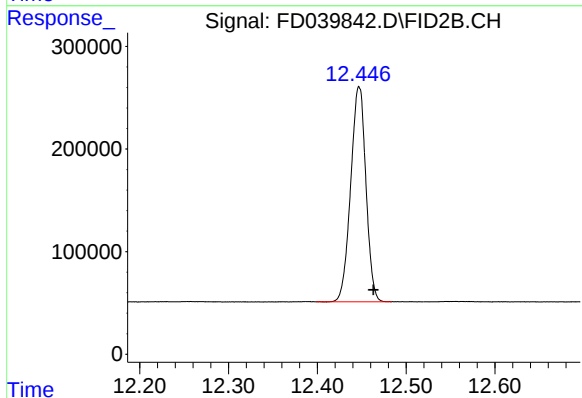
#8 n-Octadecane (C18)

R.T.: 11.143 min
Delta R.T.: -0.016 min
Response: 2500998
Conc: 19.59 ug/ml



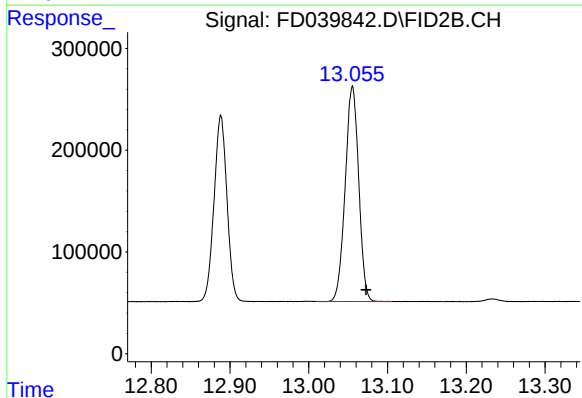
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.015 min
Response: 2648123
Conc: 19.19 ug/ml



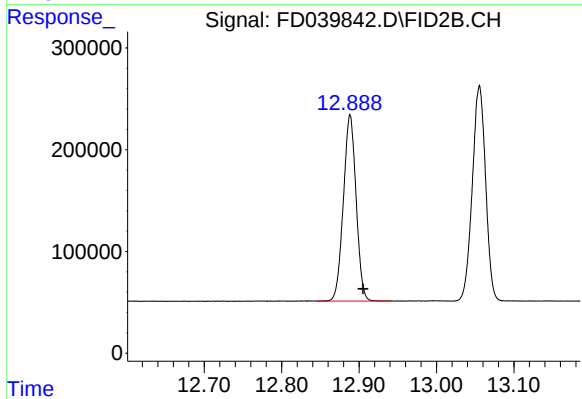
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.016 min
Response: 2498283
Conc: 19.46 ug/ml



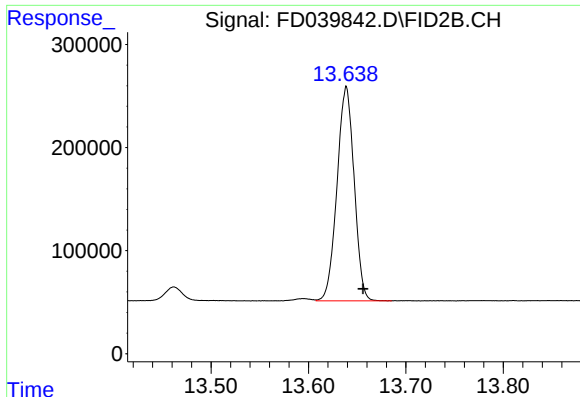
#11 n-Heneicosane (C21)

R.T.: 13.055 min
Delta R.T.: -0.017 min
Response: 2524789
Conc: 19.27 ug/ml



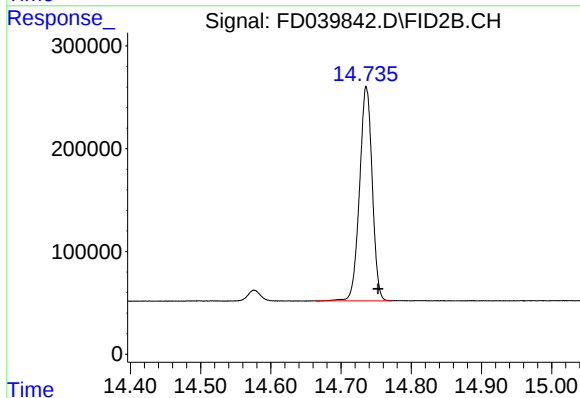
#12 1-chlorooctadecane (SURR)

R.T.: 12.888 min
Delta R.T.: -0.017 min
Response: 2090226
Conc: 19.45 ug/ml



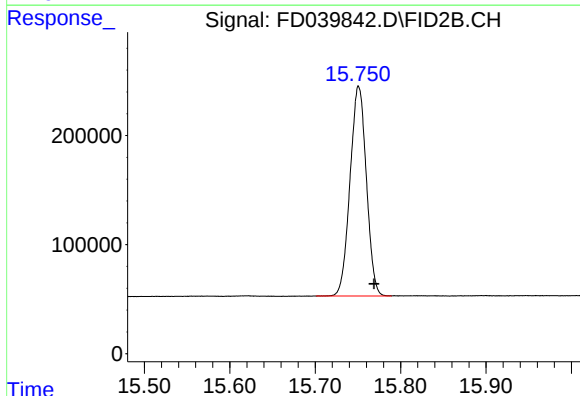
#13 n-Docosane (C22)

R.T.: 13.639 min
Delta R.T.: -0.017 min
Response: 2536527
Conc: 19.40 ug/ml



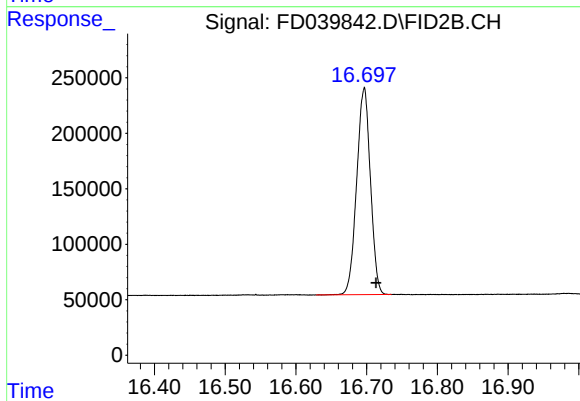
#14 n-Tetracosane (C24)

R.T.: 14.736 min
Delta R.T.: -0.017 min
Response: 2609985
Conc: 19.51 ug/ml



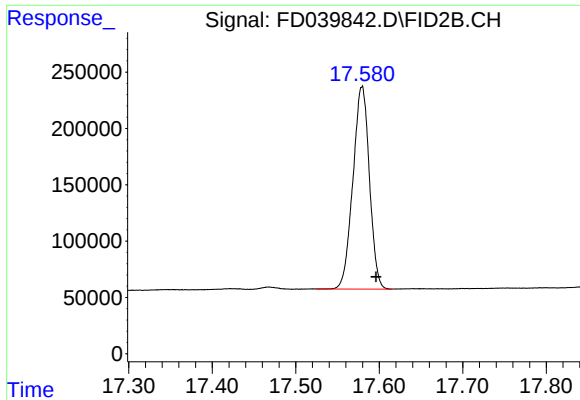
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.018 min
Response: 2551631
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.017 min
Response: 2516252
Conc: 19.41 ug/ml



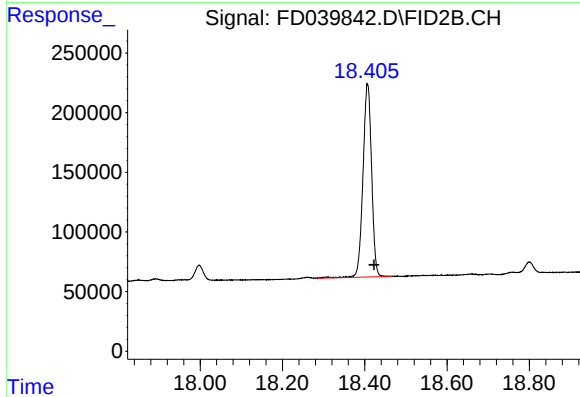
#17 n-Tricontane (C30)

R.T.: 17.579 min

Delta R.T.: -0.017 min

Response: 2468873

Conc: 19.92 ug/ml



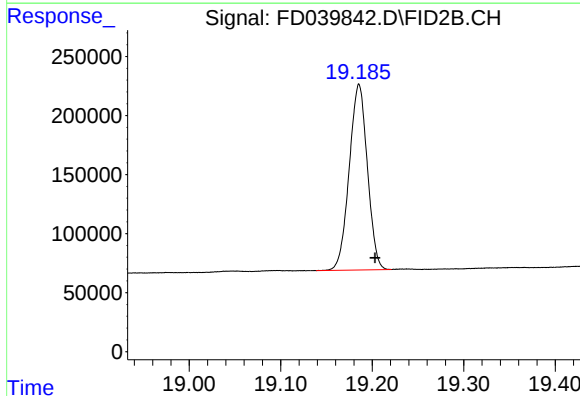
#18 n-Dotriacontane (C32)

R.T.: 18.407 min

Delta R.T.: -0.016 min

Response: 2356641

Conc: 20.53 ug/ml



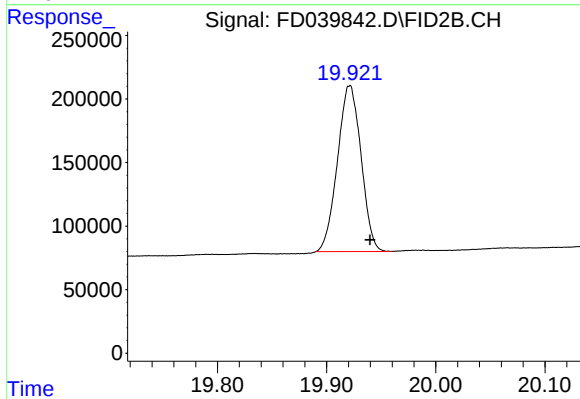
#19 n-Tetratriacontane (C34)

R.T.: 19.186 min

Delta R.T.: -0.017 min

Response: 2166632

Conc: 20.33 ug/ml



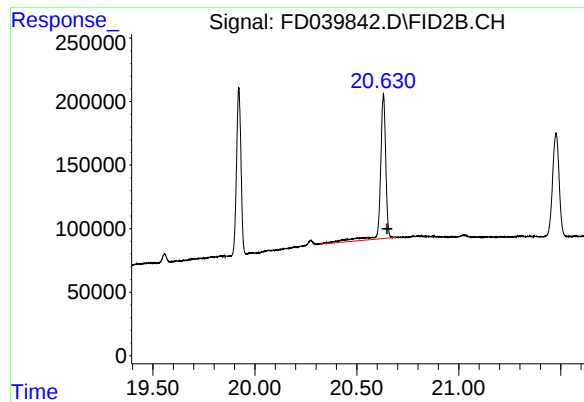
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min

Delta R.T.: -0.019 min

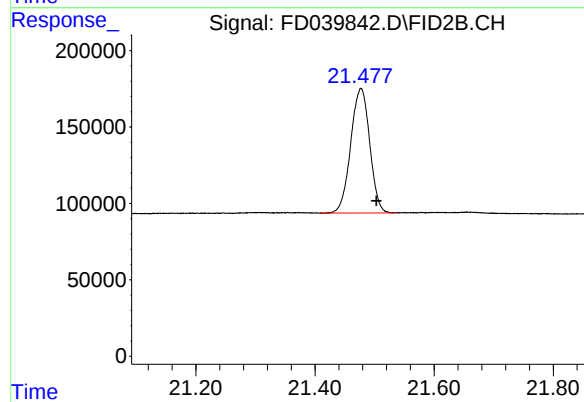
Response: 1961826

Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: -0.018 min
Response: 2114375
Conc: 23.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.477 min
Delta R.T.: -0.026 min
Response: 1805273
Conc: 22.66 ug/ml