

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072821AL\
 Data File : FD038369.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jul 2021 10:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 01:31:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.401	2843280	19.670 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
12) S 1-chlorooctadecane (S...	12.835	2156728	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.217	2607796	21.461 ug/ml
2) T n-Decane (C10)	4.274	2728209	22.305 ug/ml
3) T A~Naphthalene (C11.7)	5.843	2979884	21.798 ug/ml
4) T n-Dodecane (C12)	6.279	2757881	22.143 ug/ml
5) T A~2-methylnaphthalene...	6.894	2952184	21.433 ug/ml
6) T n-Tetradecane (C14)	8.065	2784373	21.663 ug/ml
7) T n-Hexadecane (C16)	9.658	2757157	21.277 ug/ml
8) T n-Octadecane (C18)	11.092	2765392	20.534 ug/ml
10) T n-Eicosane (C20)	12.395	2658227	19.791 ug/ml
11) T n-Heneicosane (C21)	13.003	2626854	19.335 ug/ml
13) T n-Docosane (C22)	13.586	2595970	19.294 ug/ml
14) T n-Tetracosane (C24)	14.682	2588577	19.170 ug/ml
15) T n-Hexacosane (C26)	15.697	2467395	18.727 ug/ml
16) T n-Octacosane (C28)	16.642	2451031	18.798 ug/ml
17) T n-Tricontane (C30)	17.525	2417762	18.919 ug/ml
18) T n-Dotriacontane (C32)	18.353	2356701	19.153 ug/ml
19) T n-Tetratriacontane (C34)	19.133	2301258	19.651 ug/ml
20) T n-Hexatriacontane (C36)	19.870	2249997	20.603 ug/ml
21) T n-Octatriacontane (C38)	20.574	2166358	21.509 ug/ml
22) T n-Tetracontane (C40)	21.397	2223015	22.729 ug/ml

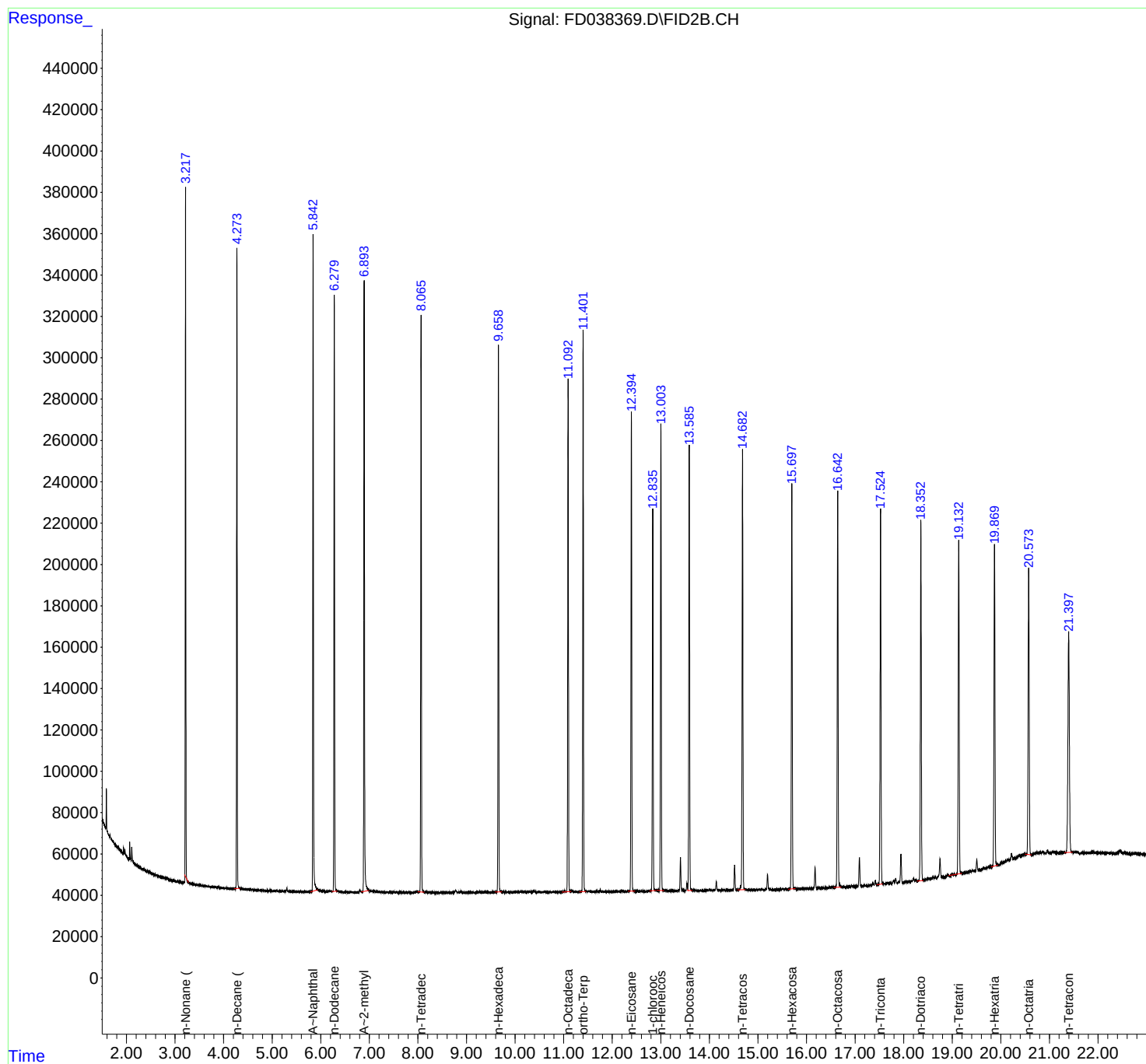
(f)=RT Delta > 1/2 Window

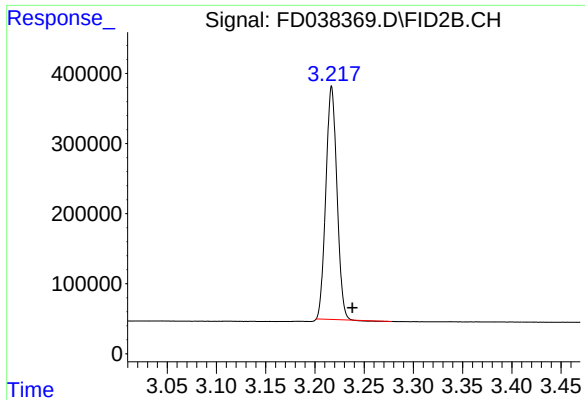
(m)=manual int.

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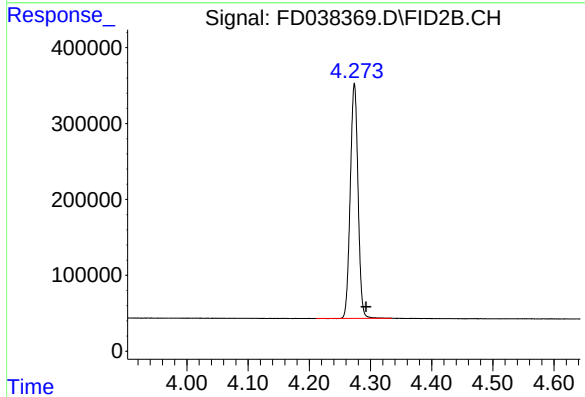
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Signal Info : 20M x 0.18mm x 0.18um





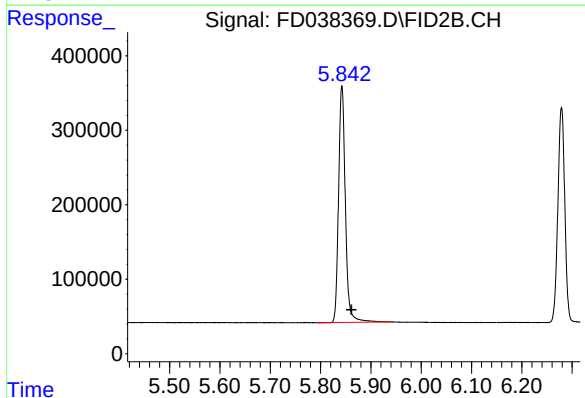
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.021 min
Response: 2607796
Conc: 21.46 ug/ml



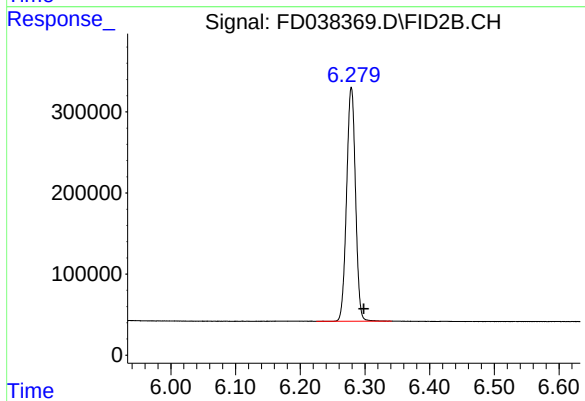
#2 n-Decane (C10)

R.T.: 4.274 min
Delta R.T.: -0.019 min
Response: 2728209
Conc: 22.31 ug/ml



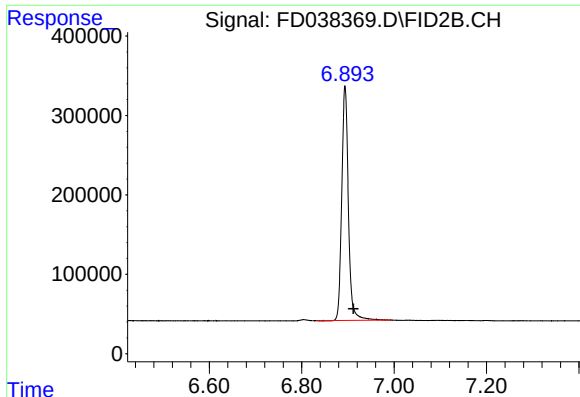
#3 A~Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.019 min
Response: 2979884
Conc: 21.80 ug/ml



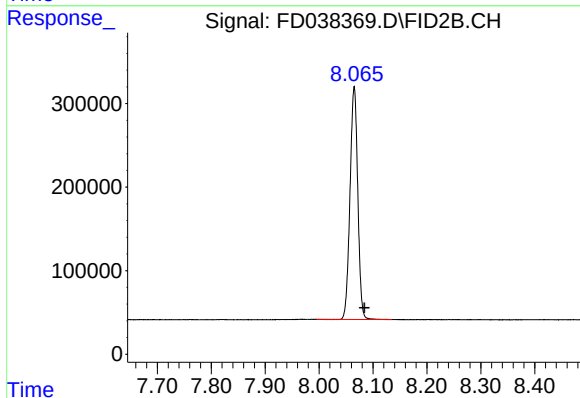
#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.019 min
Response: 2757881
Conc: 22.14 ug/ml



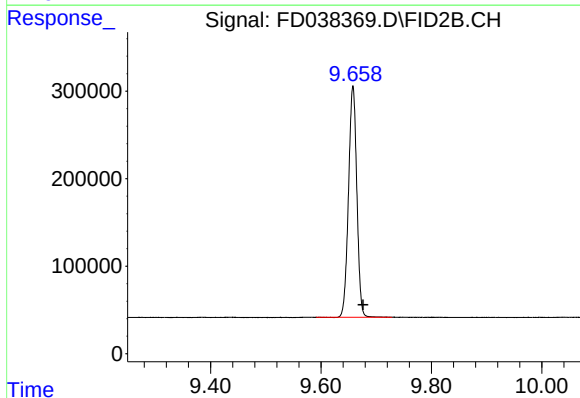
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: -0.018 min
Response: 2952184
Conc: 21.43 ug/ml



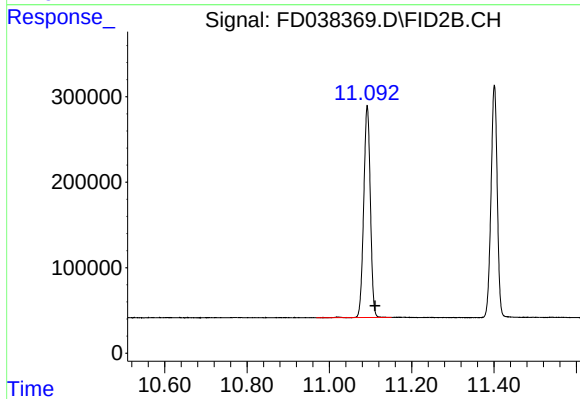
#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: -0.019 min
Response: 2784373
Conc: 21.66 ug/ml



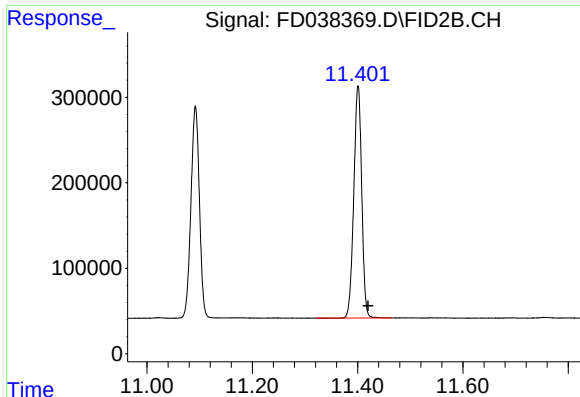
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: -0.018 min
Response: 2757157
Conc: 21.28 ug/ml



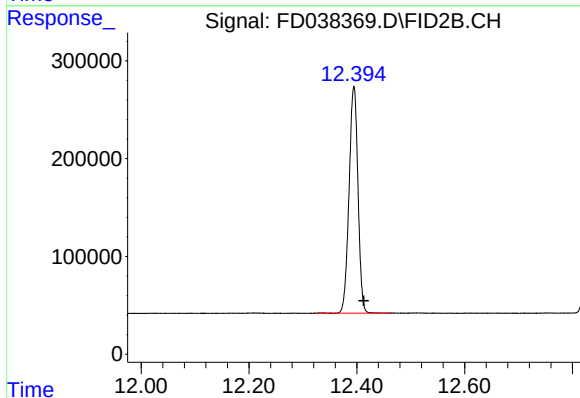
#8 n-Octadecane (C18)

R.T.: 11.092 min
Delta R.T.: -0.019 min
Response: 2765392
Conc: 20.53 ug/ml



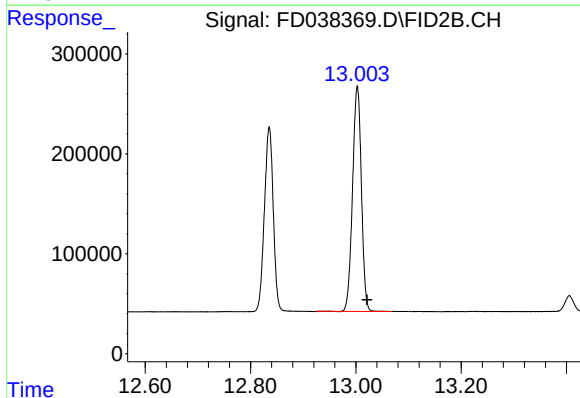
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: -0.019 min
Response: 2843280
Conc: 19.67 ug/ml



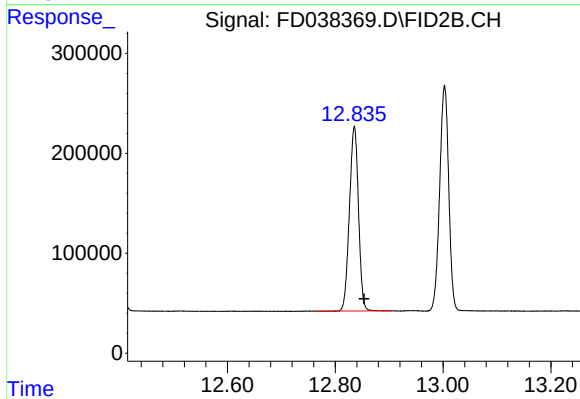
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.018 min
Response: 2658227
Conc: 19.79 ug/ml



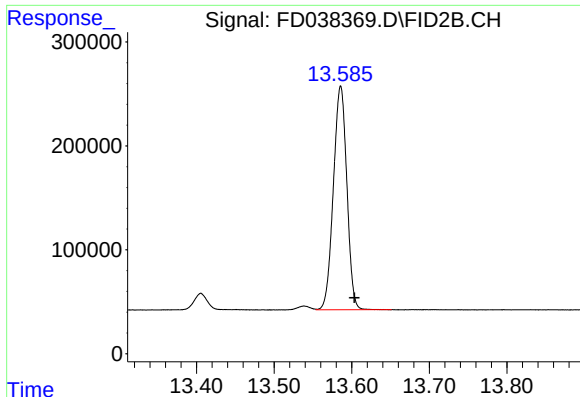
#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: -0.018 min
Response: 2626854
Conc: 19.33 ug/ml



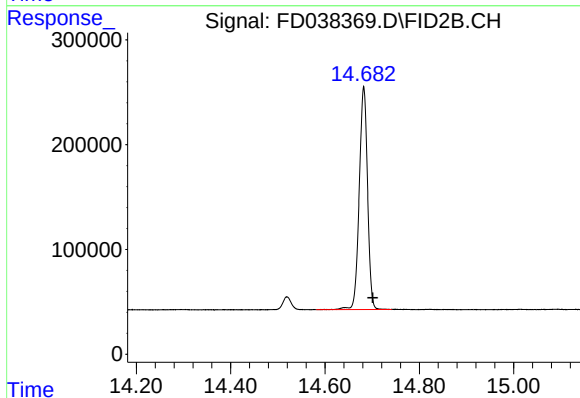
#12 1-chlorooctadecane (SURR)

R.T.: 12.835 min
Delta R.T.: -0.018 min
Response: 2156728
Conc: 18.92 ug/ml



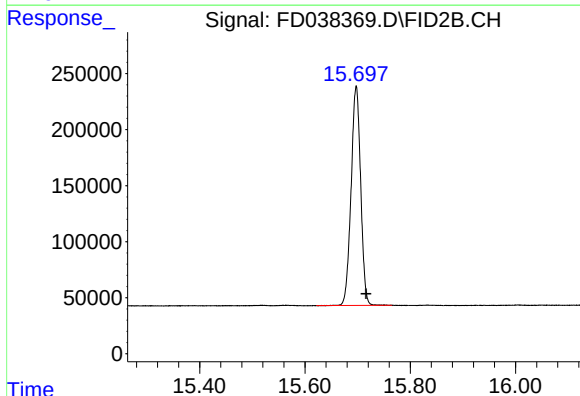
#13 n-Docosane (C22)

R.T.: 13.586 min
Delta R.T.: -0.018 min
Response: 2595970
Conc: 19.29 ug/ml



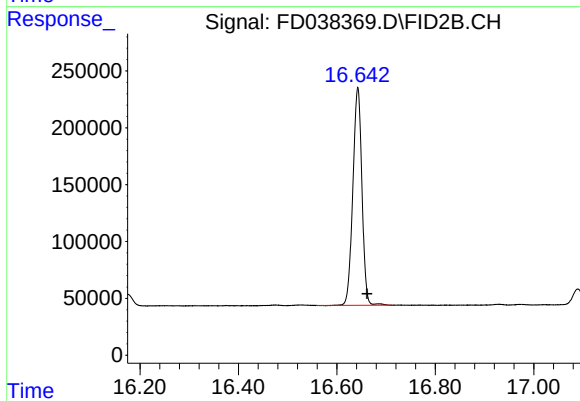
#14 n-Tetracosane (C24)

R.T.: 14.682 min
Delta R.T.: -0.019 min
Response: 2588577
Conc: 19.17 ug/ml



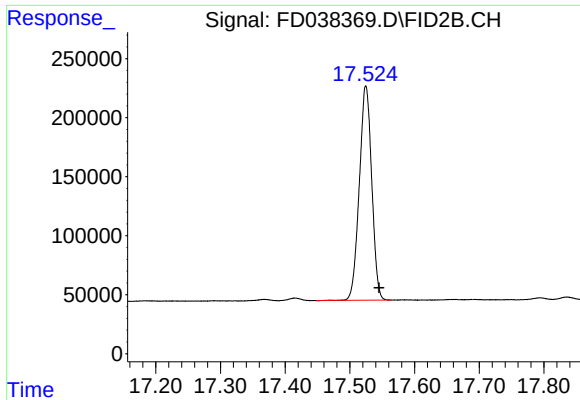
#15 n-Hexacosane (C26)

R.T.: 15.697 min
Delta R.T.: -0.019 min
Response: 2467395
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.642 min
Delta R.T.: -0.019 min
Response: 2451031
Conc: 18.80 ug/ml



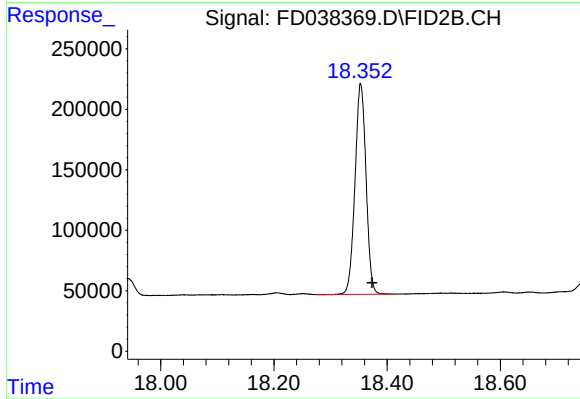
#17 n-Tricontane (C30)

R.T.: 17.525 min

Delta R.T.: -0.020 min

Response: 2417762

Conc: 18.92 ug/ml



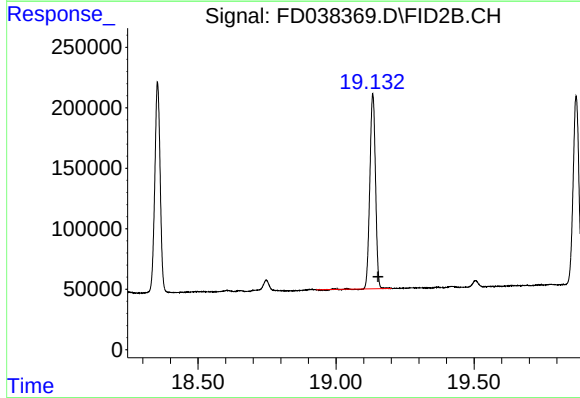
#18 n-Dotriacontane (C32)

R.T.: 18.353 min

Delta R.T.: -0.020 min

Response: 2356701

Conc: 19.15 ug/ml



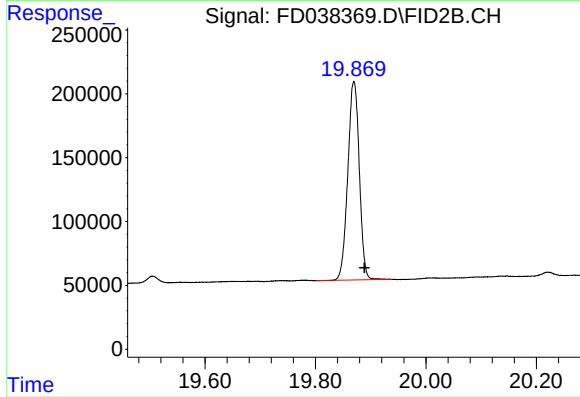
#19 n-Tetratriacontane (C34)

R.T.: 19.133 min

Delta R.T.: -0.019 min

Response: 2301258

Conc: 19.65 ug/ml



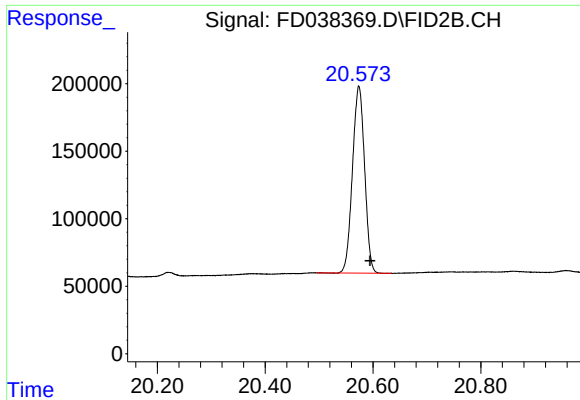
#20 n-Hexatriacontane (C36)

R.T.: 19.870 min

Delta R.T.: -0.019 min

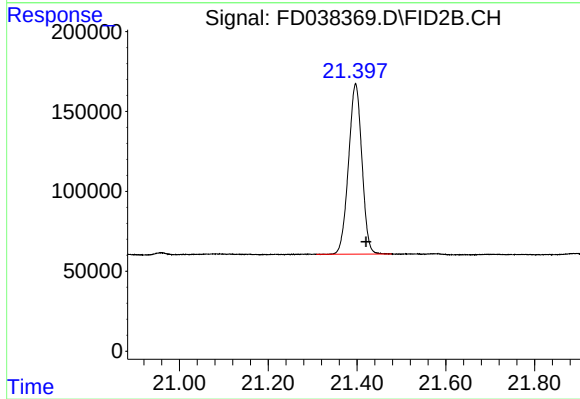
Response: 2249997

Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.574 min
Delta R.T.: -0.021 min
Response: 2166358
Conc: 21.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.397 min
Delta R.T.: -0.024 min
Response: 2223015
Conc: 22.73 ug/ml