

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AL\
 Data File : FD040922.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 10:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 11:21:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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)	11.233	559729	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.674	427325	20.412 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.082	454767	20.191 ug/ml
2) T n-Decane (C10)	4.141	459875	20.434 ug/ml
3) T A~Naphthalene (C11.7)	5.698	438823	19.748 ug/ml
4) T n-Dodecane (C12)	6.142	465993	20.295 ug/ml
5) T A~2-methylnaphthalene...	6.745	424948	19.782 ug/ml
6) T n-Tetradecane (C14)	7.920	481465	20.445 ug/ml
7) T n-Hexadecane (C16)	9.507	493509	20.527 ug/ml
8) T n-Octadecane (C18)	10.936	510256	20.333 ug/ml
10) T n-Eicosane (C20)	12.236	506978	20.242 ug/ml
11) T n-Heneicosane (C21)	12.844	515639	20.304 ug/ml
13) T n-Docosane (C22)	13.426	510467	20.394 ug/ml
14) T n-Tetracosane (C24)	14.522	505394	20.349 ug/ml
15) T n-Hexacosane (C26)	15.536	494212	20.386 ug/ml
16) T n-Octacosane (C28)	16.481	493367	20.489 ug/ml
17) T n-Tricontane (C30)	17.363	488184	20.488 ug/ml
18) T n-Dotriacontane (C32)	18.193	464149	20.695 ug/ml
19) T n-Tetratriacontane (C34)	18.972	436838	20.271 ug/ml
20) T n-Hexatriacontane (C36)	19.707	408621	20.551 ug/ml
21) T n-Octatriacontane (C38)	20.405	379378	20.024 ug/ml
22) T n-Tetracontane (C40)	21.187	383365	19.806 ug/ml

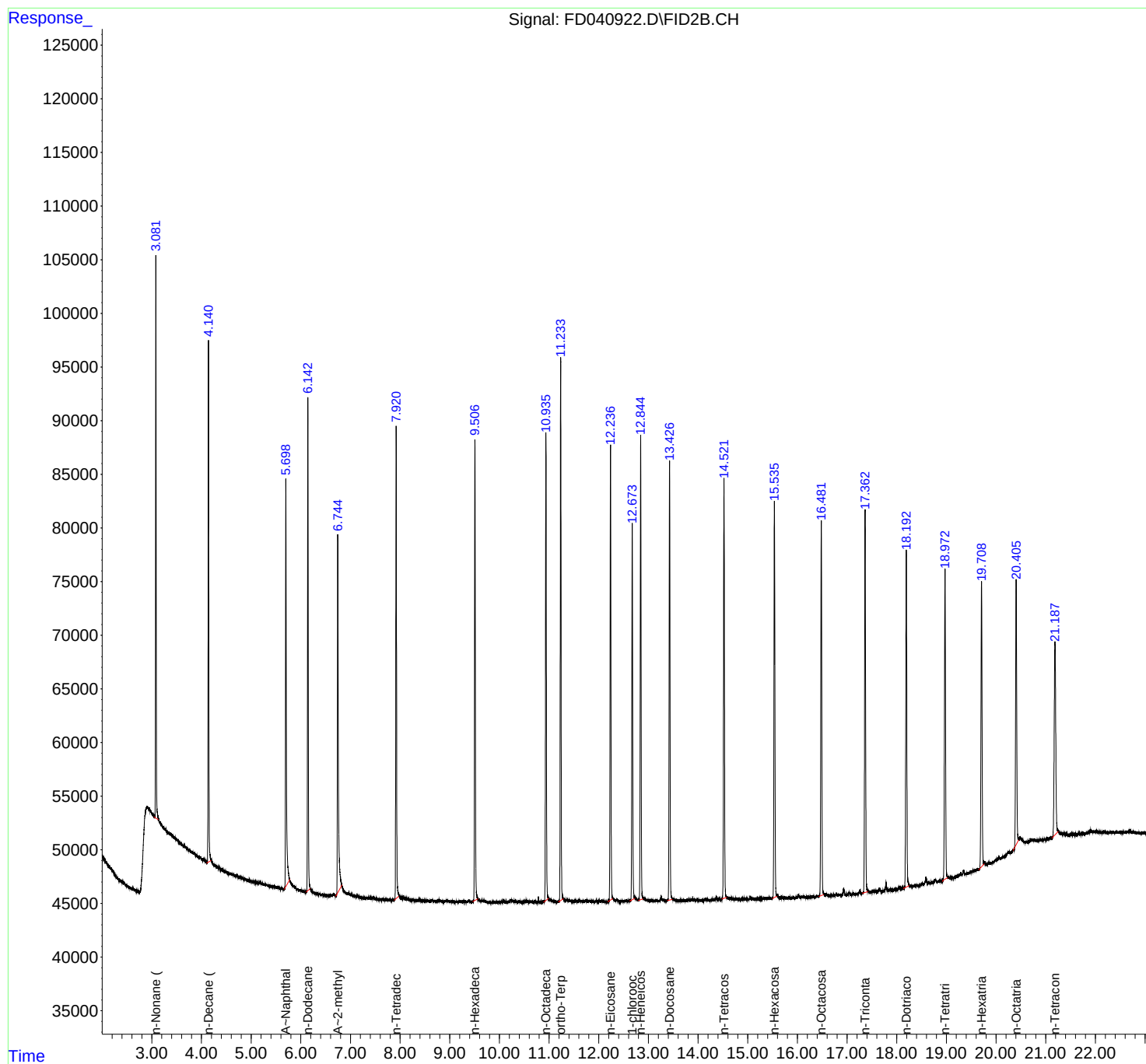
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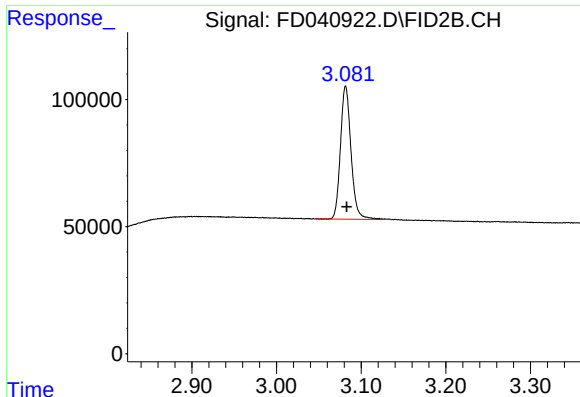
(m)=manual int.

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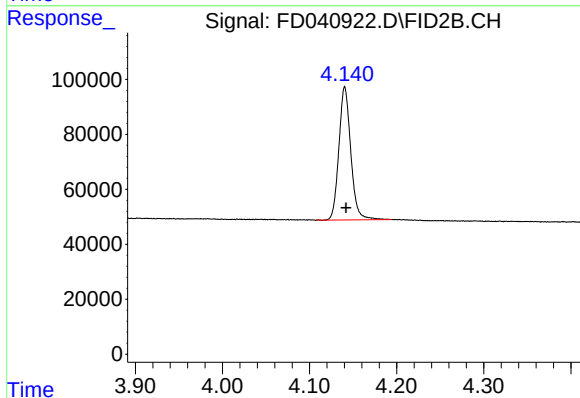
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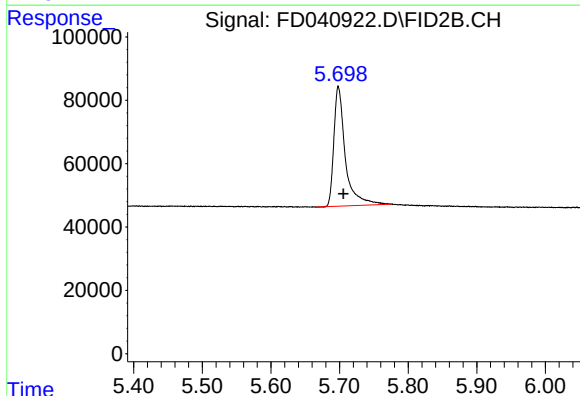
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: -0.001 min
Response: 454767
Conc: 20.19 ug/ml



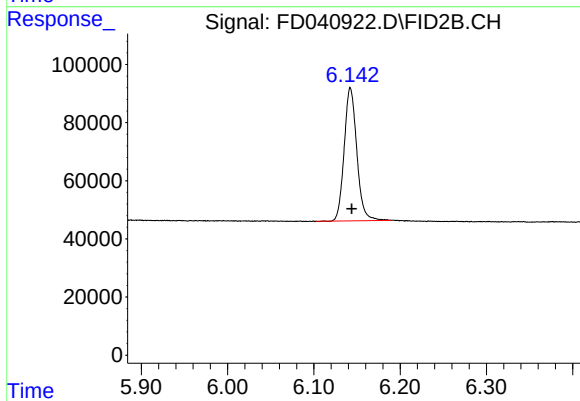
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 459875
Conc: 20.43 ug/ml



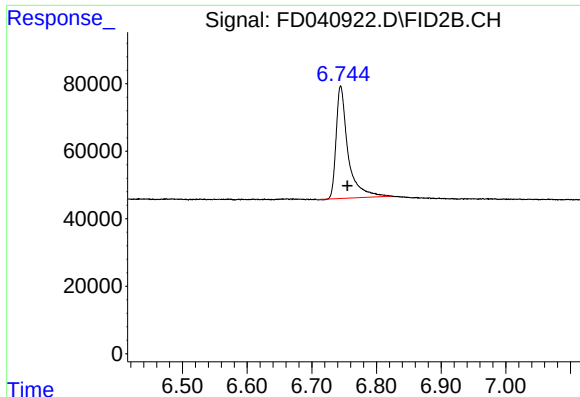
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 438823
Conc: 19.75 ug/ml



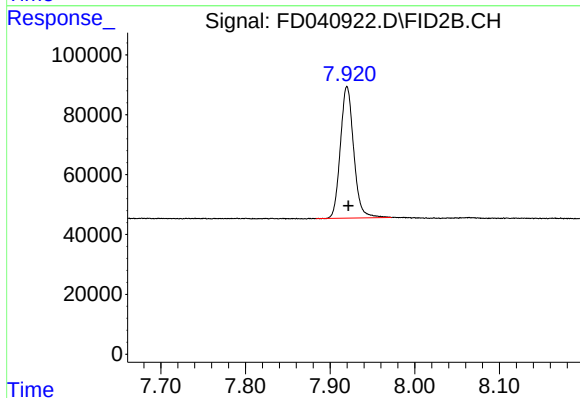
#4 n-Dodecane (C12)

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 465993
Conc: 20.30 ug/ml



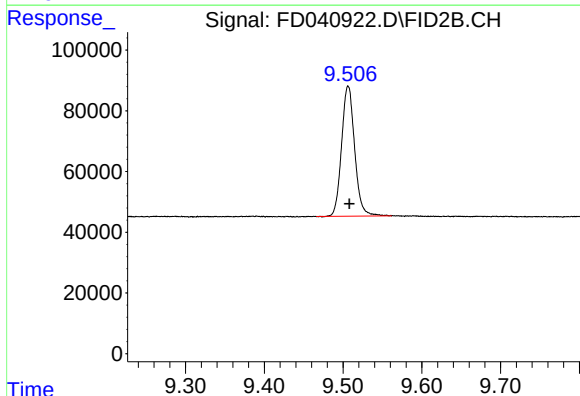
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.010 min
Response: 424948
Conc: 19.78 ug/ml



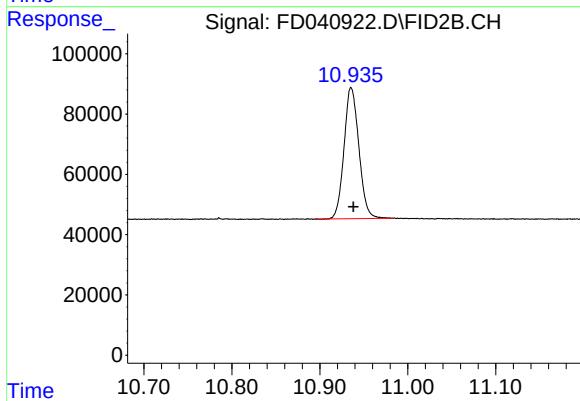
#6 n-Tetradecane (C14)

R.T.: 7.920 min
Delta R.T.: -0.002 min
Response: 481465
Conc: 20.45 ug/ml



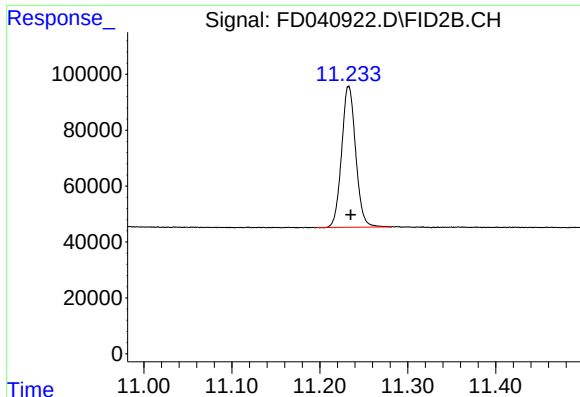
#7 n-Hexadecane (C16)

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 493509
Conc: 20.53 ug/ml



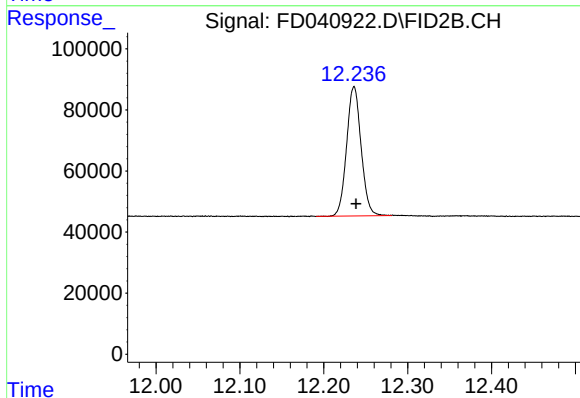
#8 n-Octadecane (C18)

R.T.: 10.936 min
Delta R.T.: -0.003 min
Response: 510256
Conc: 20.33 ug/ml



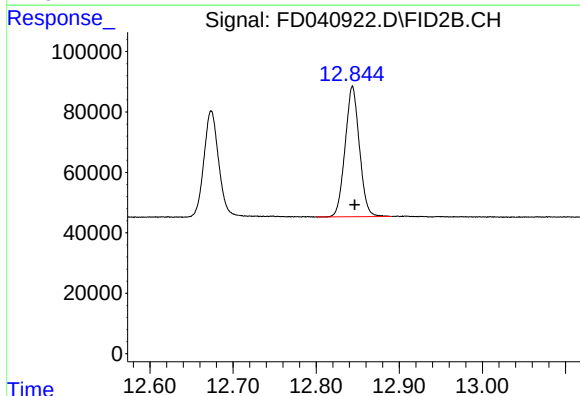
#9 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 559729
Conc: 20.03 ug/ml



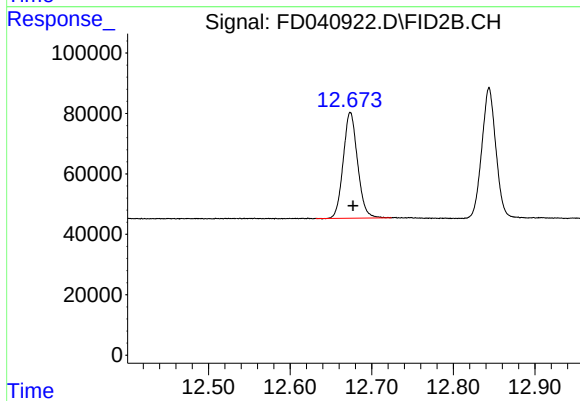
#10 n-Eicosane (C20)

R.T.: 12.236 min
Delta R.T.: -0.003 min
Response: 506978
Conc: 20.24 ug/ml



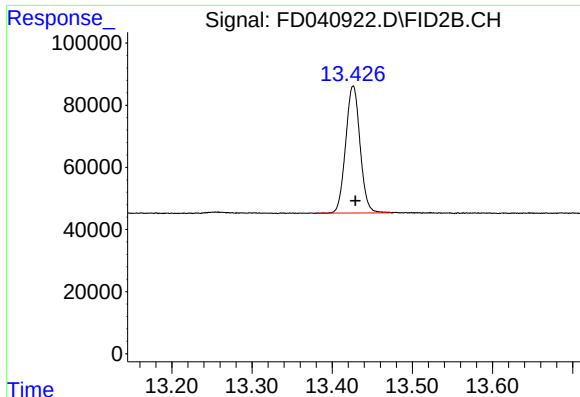
#11 n-Heneicosane (C21)

R.T.: 12.844 min
Delta R.T.: -0.003 min
Response: 515639
Conc: 20.30 ug/ml



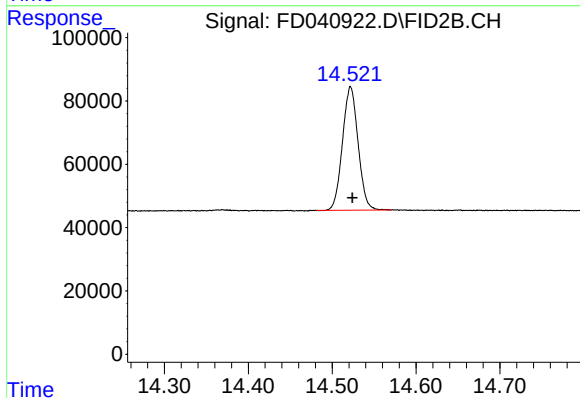
#12 1-chlorooctadecane (SURR)

R.T.: 12.674 min
Delta R.T.: -0.003 min
Response: 427325
Conc: 20.41 ug/ml



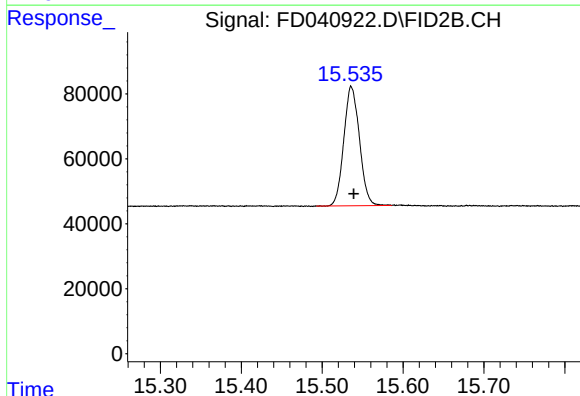
#13 n-Docosane (C22)

R.T.: 13.426 min
Delta R.T.: -0.003 min
Response: 510467
Conc: 20.39 ug/ml



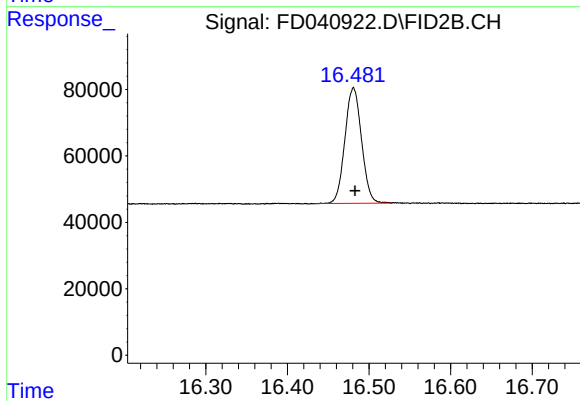
#14 n-Tetracosane (C24)

R.T.: 14.522 min
Delta R.T.: -0.002 min
Response: 505394
Conc: 20.35 ug/ml



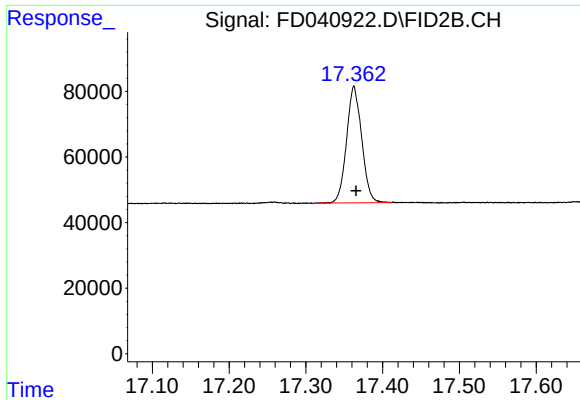
#15 n-Hexacosane (C26)

R.T.: 15.536 min
Delta R.T.: -0.003 min
Response: 494212
Conc: 20.39 ug/ml



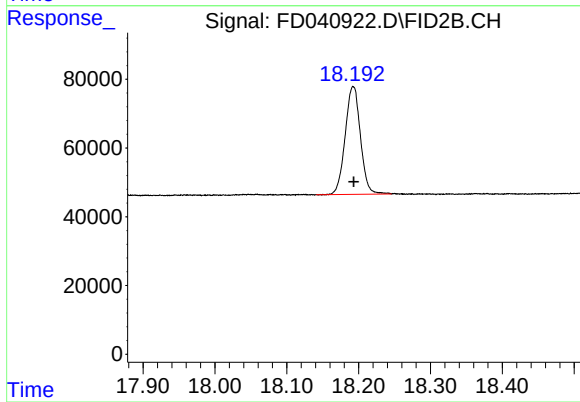
#16 n-Octacosane (C28)

R.T.: 16.481 min
Delta R.T.: -0.002 min
Response: 493367
Conc: 20.49 ug/ml



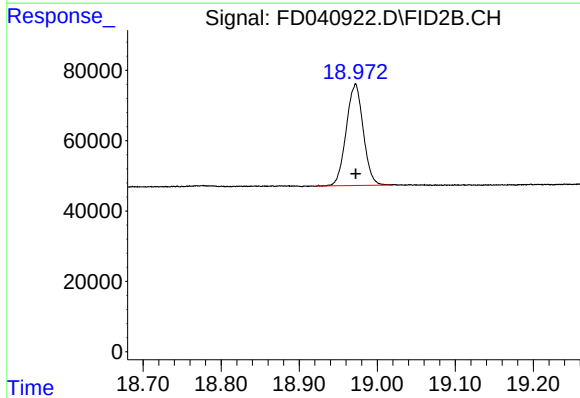
#17 n-Tricontane (C30)

R.T.: 17.363 min
Delta R.T.: -0.003 min
Response: 488184
Conc: 20.49 ug/ml



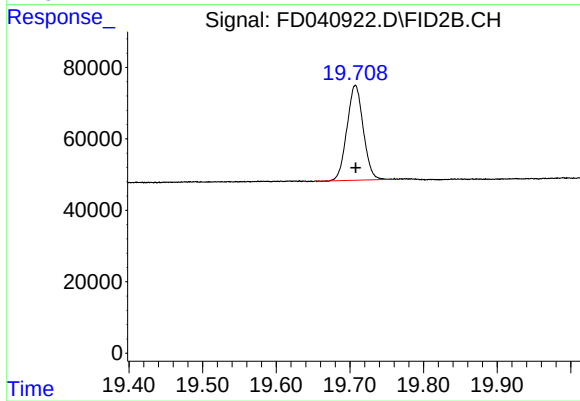
#18 n-Dotriacontane (C32)

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 464149
Conc: 20.69 ug/ml



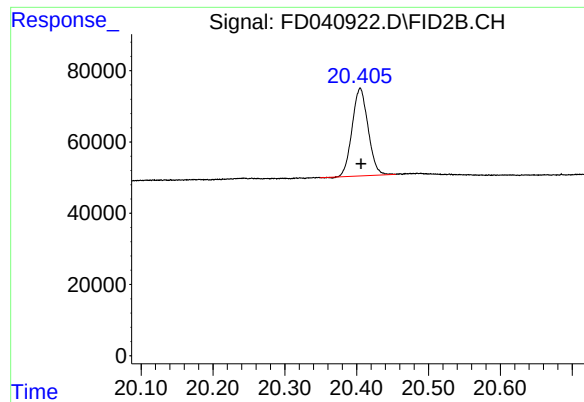
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min
Delta R.T.: 0.000 min
Response: 436838
Conc: 20.27 ug/ml



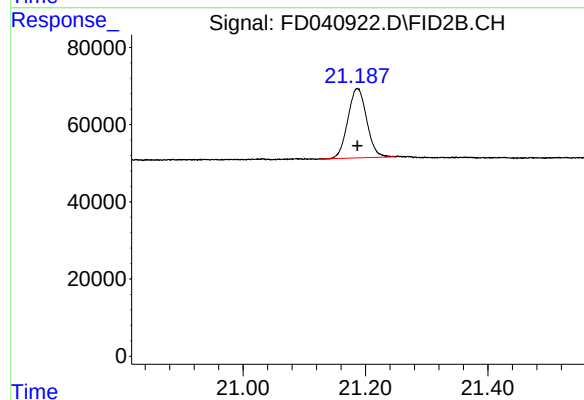
#20 n-Hexatriacontane (C36)

R.T.: 19.707 min
Delta R.T.: 0.000 min
Response: 408621
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.000 min
Response: 379378
Conc: 20.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 383365
Conc: 19.81 ug/ml