

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091919AL\
 Data File : FD030783.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2019 20:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 20 02:04:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 2019
 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)	11.477	2724427	18.731 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	12.904	2031240	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.295	2583045	20.694 ug/ml
2) T n-Decane (C10)	4.353	2593513	20.728 ug/ml
3) T A~Naphthalene (C11.7)	5.926	2887470	20.591 ug/ml
4) T n-Dodecane (C12)	6.358	2609768	20.628 ug/ml
5) T A~2-methylnaphthalene...	6.977	2899031	20.455 ug/ml
6) T n-Tetradecane (C14)	8.142	2603618	20.458 ug/ml
7) T n-Hexadecane (C16)	9.733	2565311	20.097 ug/ml
8) T n-Octadecane (C18)	11.164	2513121	19.604 ug/ml
10) T n-Eicosane (C20)	12.463	2430033	19.068 ug/ml
11) T n-Heneicosane (C21)	13.071	2408714	18.829 ug/ml
13) T n-Docosane (C22)	13.653	2358164	18.514 ug/ml
14) T n-Tetracosane (C24)	14.748	2290350	18.036 ug/ml
15) T n-Hexacosane (C26)	15.761	2201709	17.700 ug/ml
16) T n-Octacosane (C28)	16.702	2165037	17.757 ug/ml
17) T n-Tricontane (C30)	17.582	2175191	18.296 ug/ml
18) T n-Dotriacontane (C32)	18.407	2152859	18.776 ug/ml
19) T n-Tetratriacontane (C34)	19.185	2128881	19.609 ug/ml
20) T n-Hexatriacontane (C36)	19.918	2014793	19.628 ug/ml
21) T n-Octatriacontane (C38)	20.623	1983215	20.439 ug/ml
22) T n-Tetracontane (C40)	21.467	2105906	20.538 ug/ml

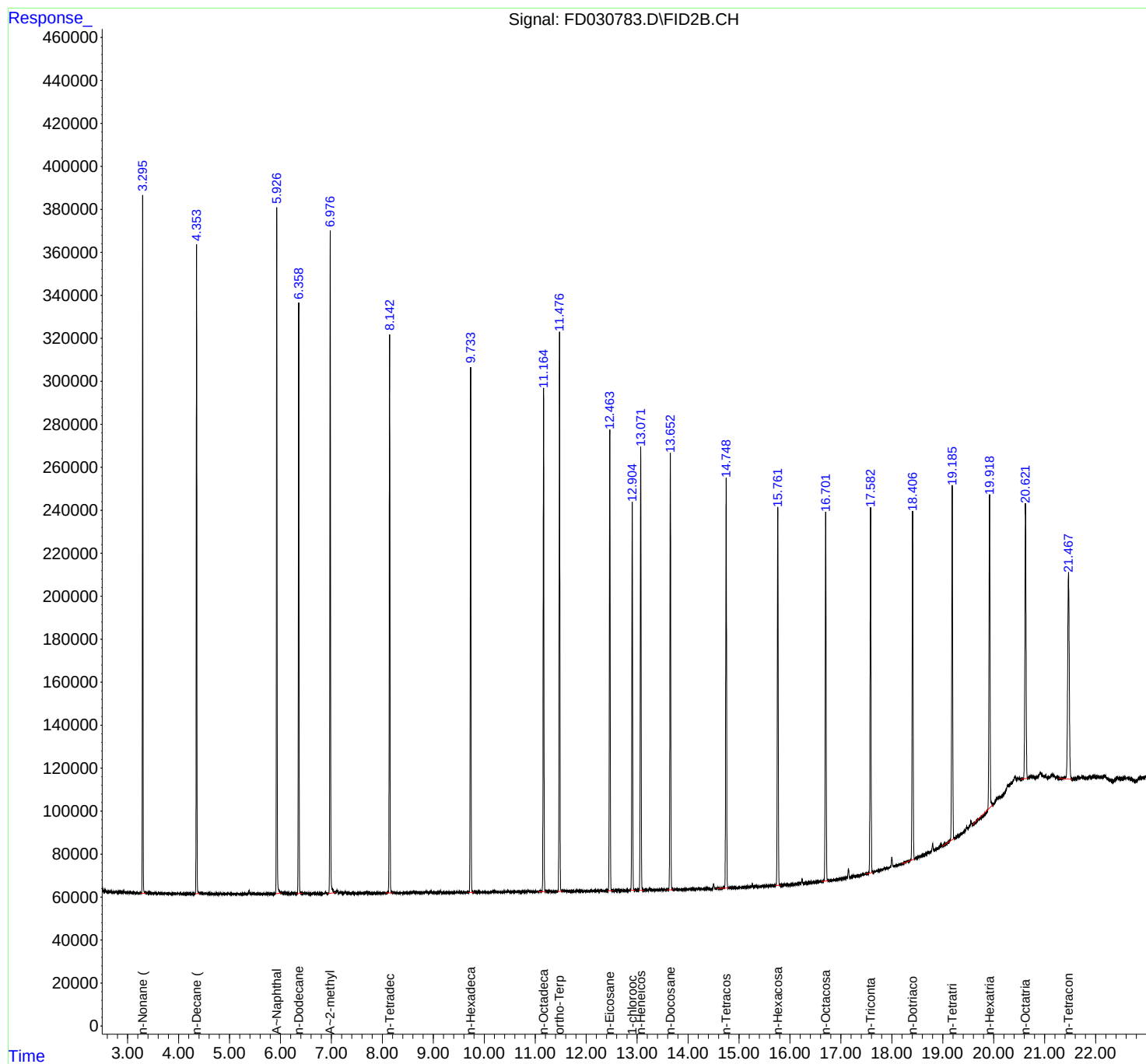
(f)=RT Delta > 1/2 Window

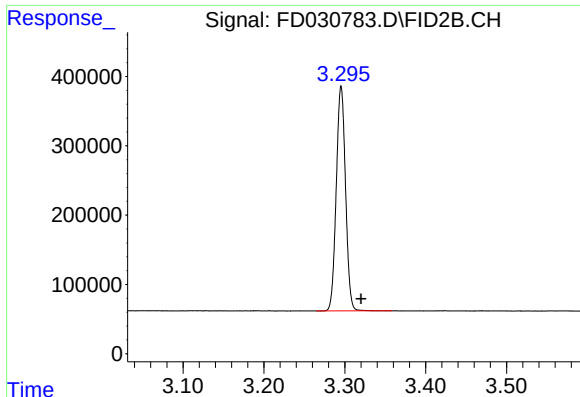
(m)=manual int.

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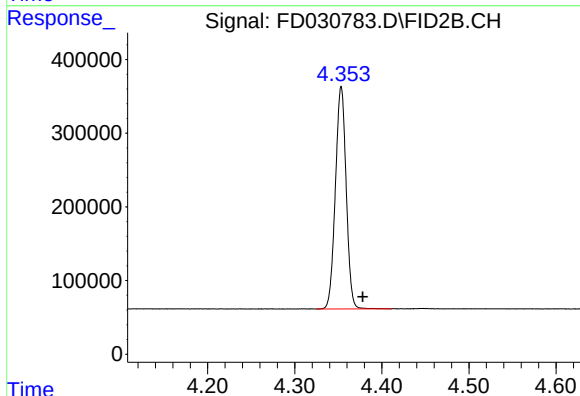
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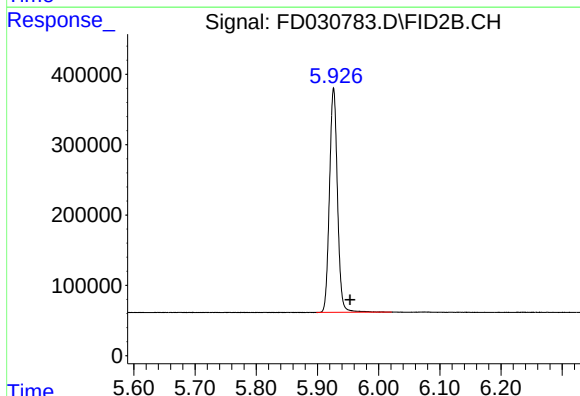
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.025 min
Response: 2583045
Conc: 20.69 ug/ml



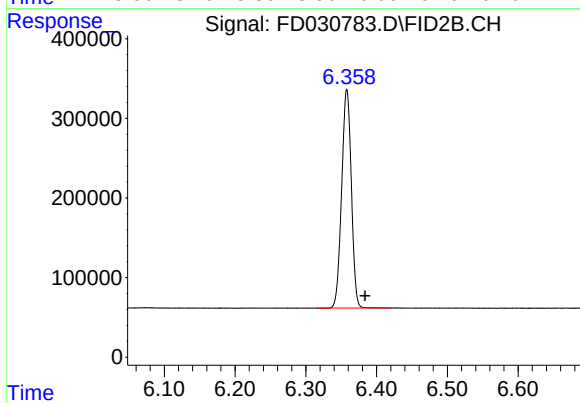
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.025 min
Response: 2593513
Conc: 20.73 ug/ml



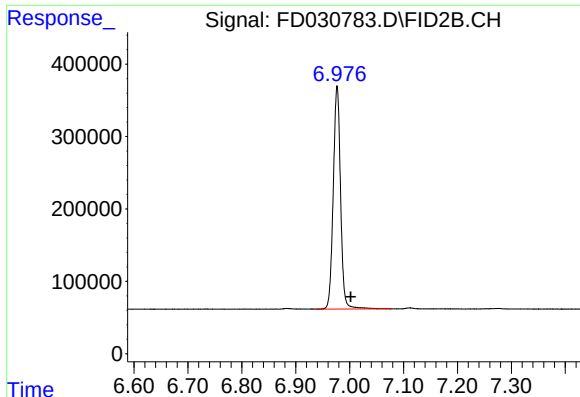
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.027 min
Response: 2887470
Conc: 20.59 ug/ml



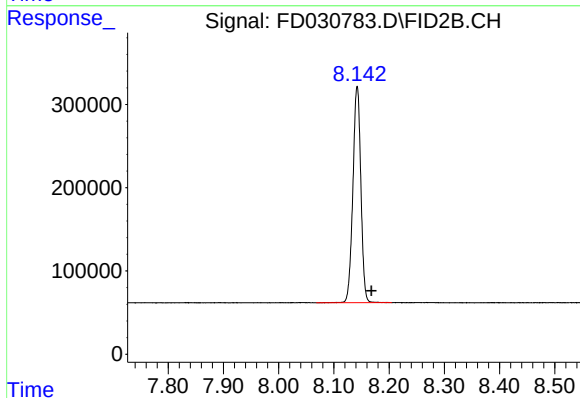
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.026 min
Response: 2609768
Conc: 20.63 ug/ml



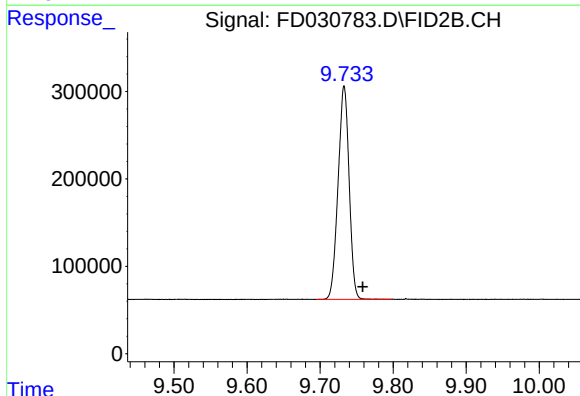
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.026 min
Response: 2899031
Conc: 20.45 ug/ml



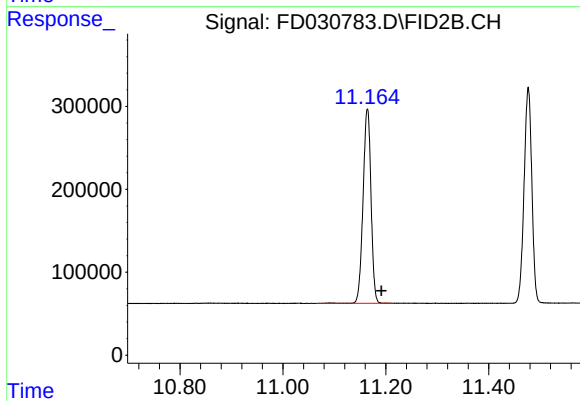
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.026 min
Response: 2603618
Conc: 20.46 ug/ml



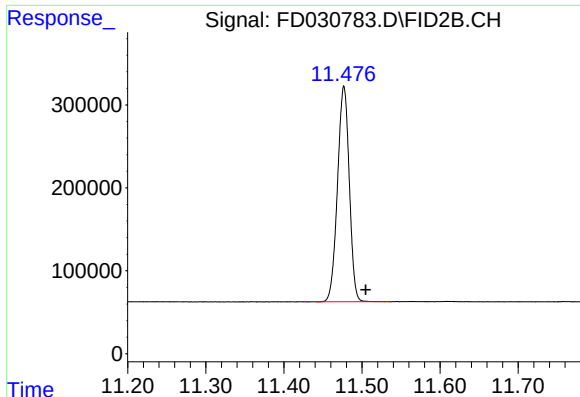
#7 n-Hexadecane (C16)

R.T.: 9.733 min
Delta R.T.: -0.026 min
Response: 2565311
Conc: 20.10 ug/ml



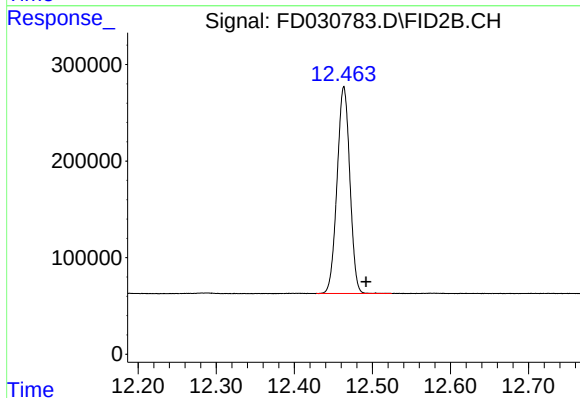
#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: -0.027 min
Response: 2513121
Conc: 19.60 ug/ml



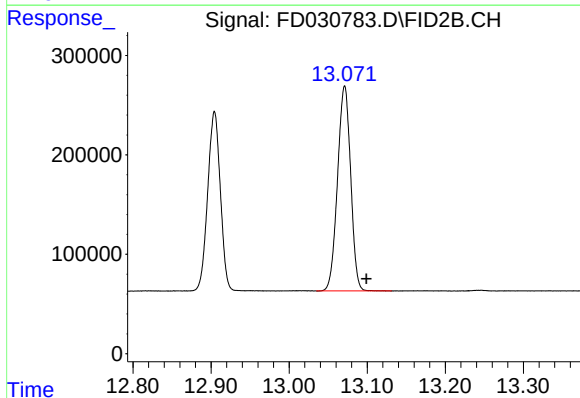
#9 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.028 min
Response: 2724427
Conc: 18.73 ug/ml



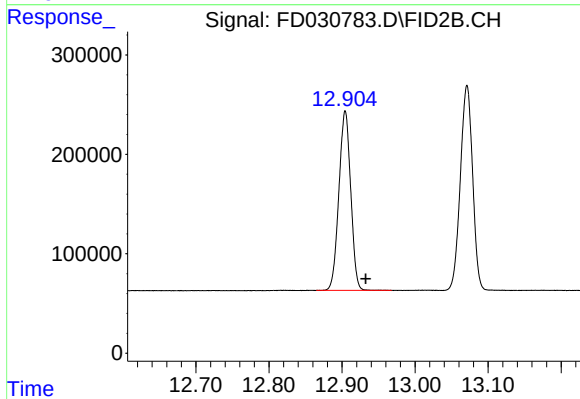
#10 n-Eicosane (C20)

R.T.: 12.463 min
Delta R.T.: -0.028 min
Response: 2430033
Conc: 19.07 ug/ml



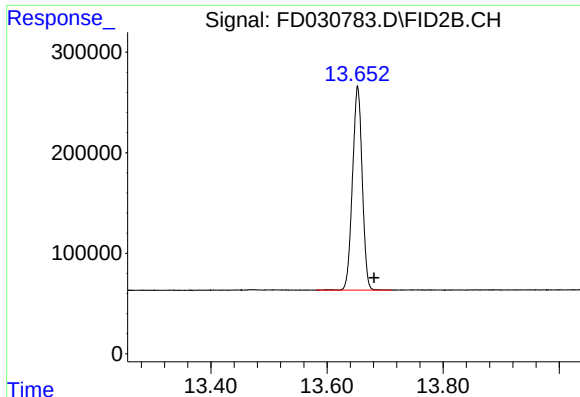
#11 n-Heneicosane (C21)

R.T.: 13.071 min
Delta R.T.: -0.028 min
Response: 2408714
Conc: 18.83 ug/ml



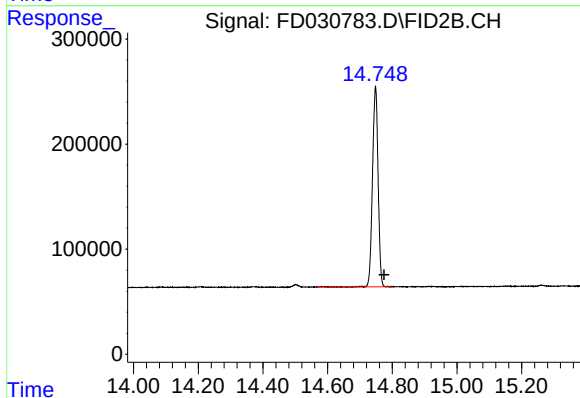
#12 1-chlorooctadecane (SURR)

R.T.: 12.904 min
Delta R.T.: -0.028 min
Response: 2031240
Conc: 18.60 ug/ml



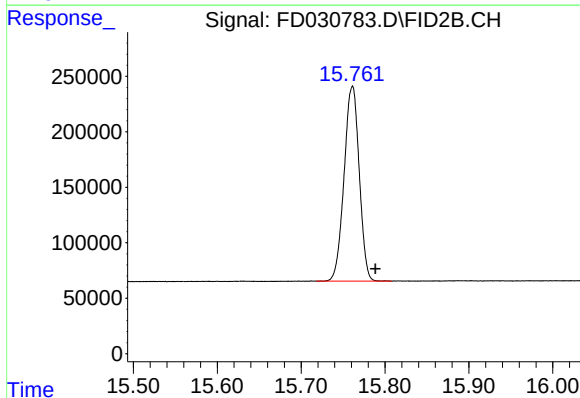
#13 n-Docosane (C22)

R.T.: 13.653 min
Delta R.T.: -0.028 min
Response: 2358164
Conc: 18.51 ug/ml



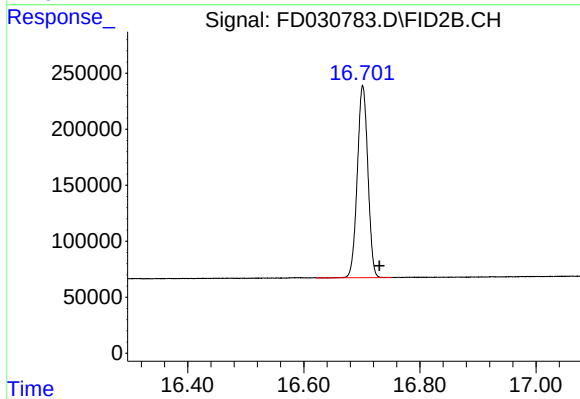
#14 n-Tetracosane (C24)

R.T.: 14.748 min
Delta R.T.: -0.027 min
Response: 2290350
Conc: 18.04 ug/ml



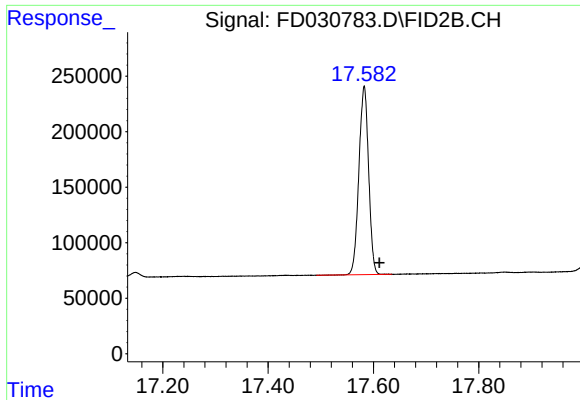
#15 n-Hexacosane (C26)

R.T.: 15.761 min
Delta R.T.: -0.028 min
Response: 2201709
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: -0.029 min
Response: 2165037
Conc: 17.76 ug/ml



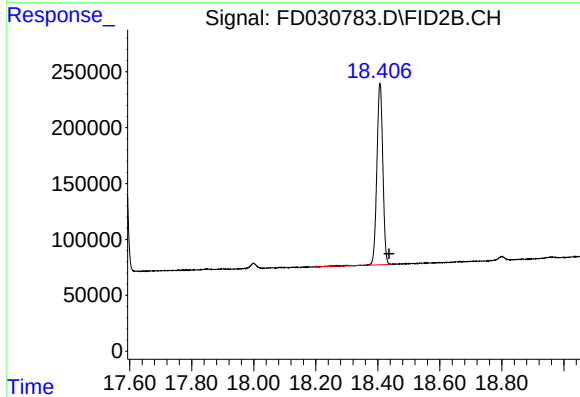
#17 n-Tricontane (C30)

R.T.: 17.582 min

Delta R.T.: -0.029 min

Response: 2175191

Conc: 18.30 ug/ml



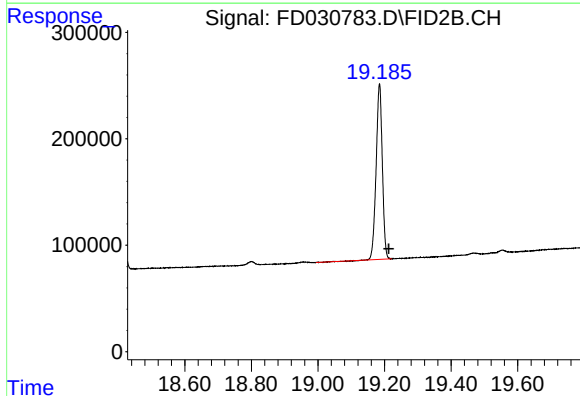
#18 n-Dotriacontane (C32)

R.T.: 18.407 min

Delta R.T.: -0.029 min

Response: 2152859

Conc: 18.78 ug/ml



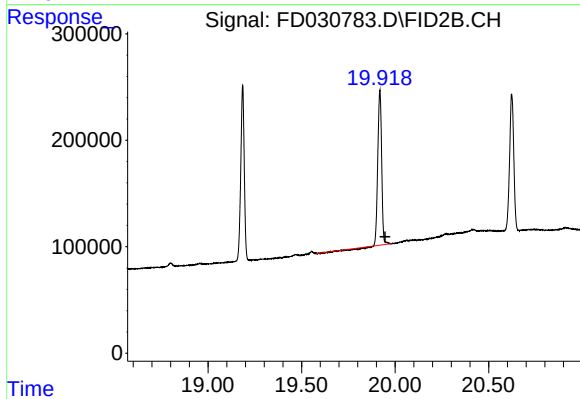
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min

Delta R.T.: -0.028 min

Response: 2128881

Conc: 19.61 ug/ml



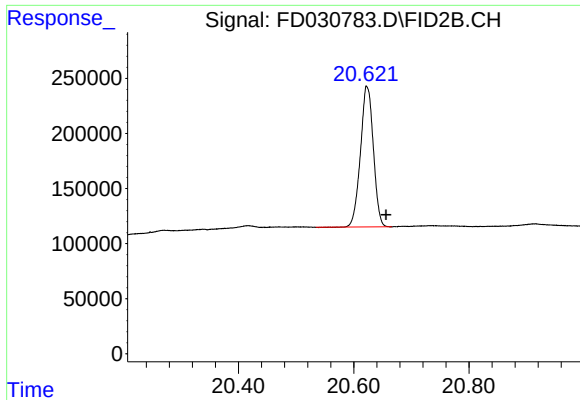
#20 n-Hexatriacontane (C36)

R.T.: 19.918 min

Delta R.T.: -0.029 min

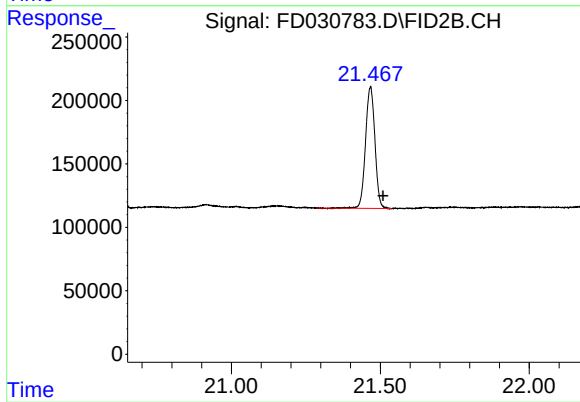
Response: 2014793

Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.623 min
Delta R.T.: -0.033 min
Response: 1983215
Conc: 20.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.467 min
Delta R.T.: -0.042 min
Response: 2105906
Conc: 20.54 ug/ml