

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082419AL\
 Data File : FD030281.D
 Signal(s) : FID2B.CH
 Acq On : 25 Aug 2019 2:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 26 02:25:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.544	2815482	20.483 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	12.969	2269140	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T n-Nonane (C9)	3.350	2788459	23.301 ug/ml
2) T n-Decane (C10)	4.411	2833764	23.301 ug/ml
3) T A~Naphthalene (C11.7)	5.989	3172742	23.046 ug/ml
4) T n-Dodecane (C12)	6.419	2835176	23.251 ug/ml
5) T A~2-methylnaphthalene...	7.040	3161320	22.858 ug/ml
6) T n-Tetradecane (C14)	8.204	2832381	22.963 ug/ml
7) T n-Hexadecane (C16)	9.796	2805093	22.465 ug/ml
8) T n-Octadecane (C18)	11.228	2747791	21.492 ug/ml
10) T n-Eicosane (C20)	12.528	2670866	20.572 ug/ml
11) T n-Heneicosane (C21)	13.136	2608485	20.085 ug/ml
13) T n-Docosane (C22)	13.717	2556654	19.580 ug/ml
14) T n-Tetracosane (C24)	14.812	2482406	18.914 ug/ml
15) T n-Hexacosane (C26)	15.825	2376837	18.428 ug/ml
16) T n-Octacosane (C28)	16.767	2336497	18.415 ug/ml
17) T n-Tricontane (C30)	17.647	2257348	18.627 ug/ml
18) T n-Dotriacontane (C32)	18.472	2091625	18.654 ug/mlm
19) T n-Tetratriacontane (C34)	19.249	1756469	19.810 ug/mlm
20) T n-Hexatriacontane (C36)	19.982	1477066	19.874 ug/mlm
21) T n-Octatriacontane (C38)	20.696	1332395	20.017 ug/ml
22) T n-Tetracontane (C40)	21.560	1285703	18.202 ug/mlm

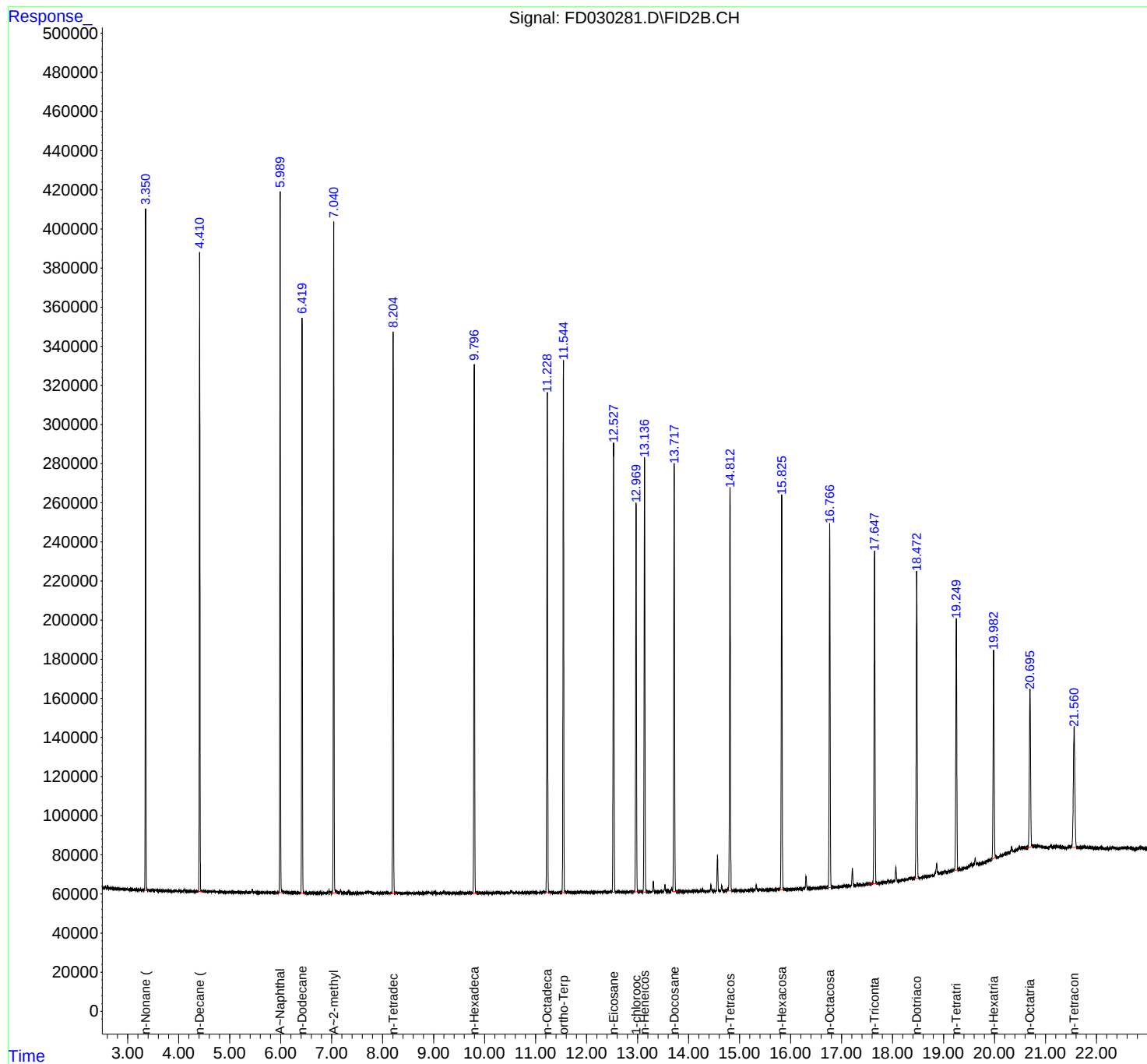
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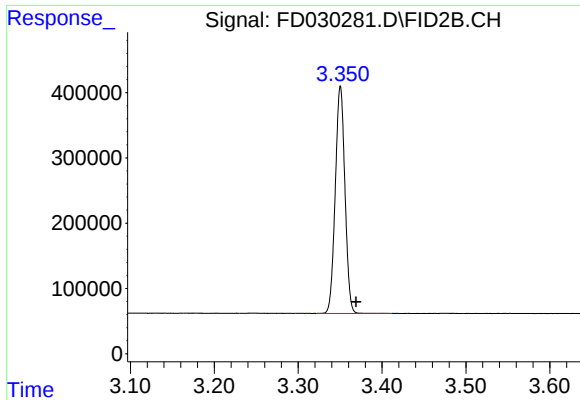
(m)=manual int.

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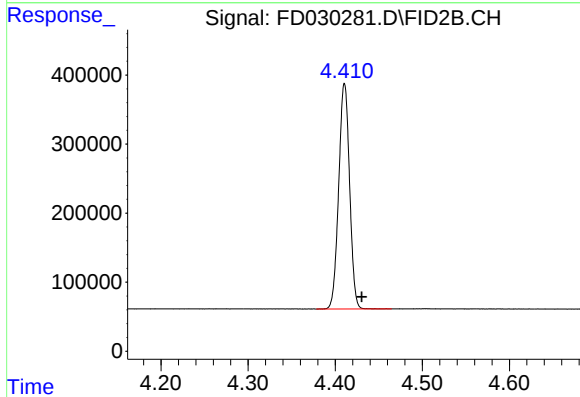
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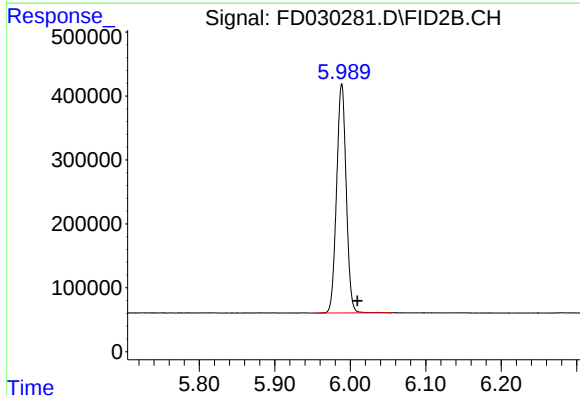
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.019 min
Response: 2788459
Conc: 23.30 ug/ml



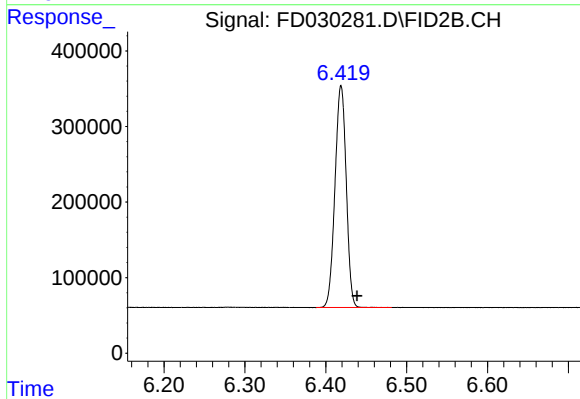
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.020 min
Response: 2833764
Conc: 23.30 ug/ml



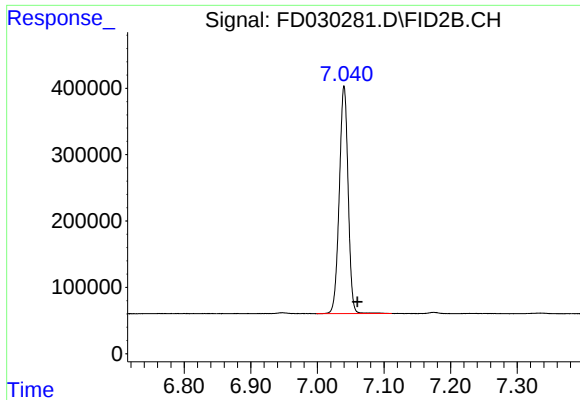
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.021 min
Response: 3172742
Conc: 23.05 ug/ml



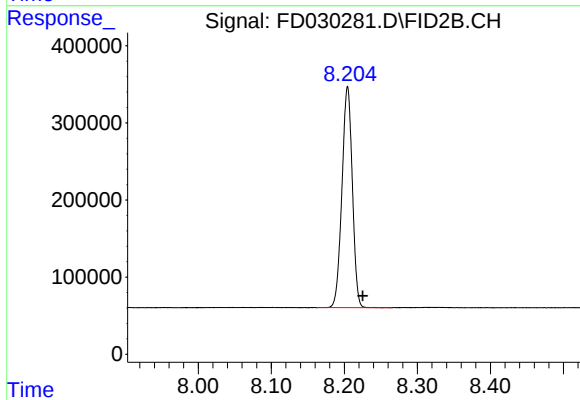
#4 n-Dodecane (C12)

R.T.: 6.419 min
Delta R.T.: -0.020 min
Response: 2835176
Conc: 23.25 ug/ml



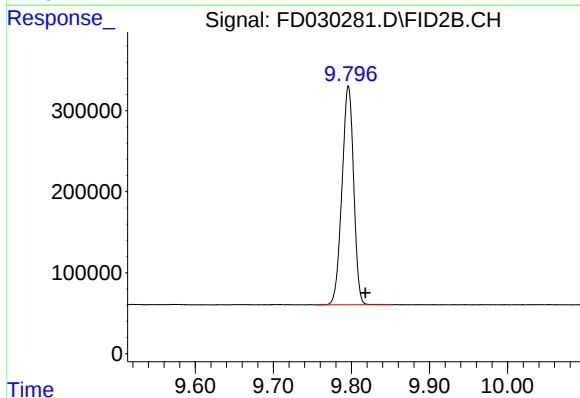
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.020 min
Response: 3161320
Conc: 22.86 ug/ml



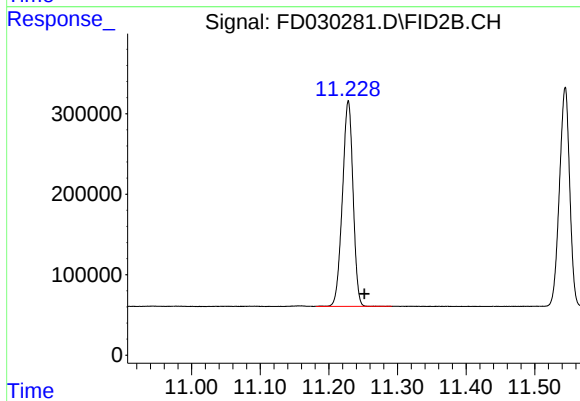
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.021 min
Response: 2832381
Conc: 22.96 ug/ml



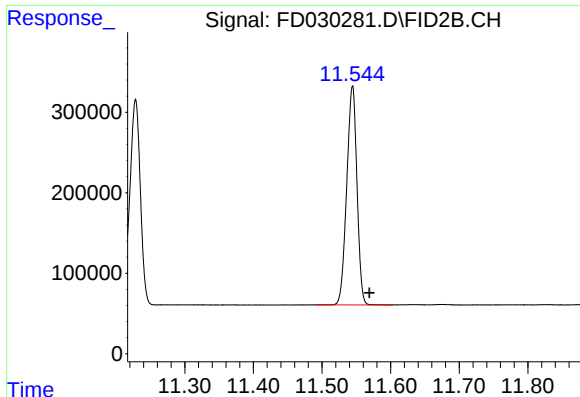
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: -0.022 min
Response: 2805093
Conc: 22.47 ug/ml



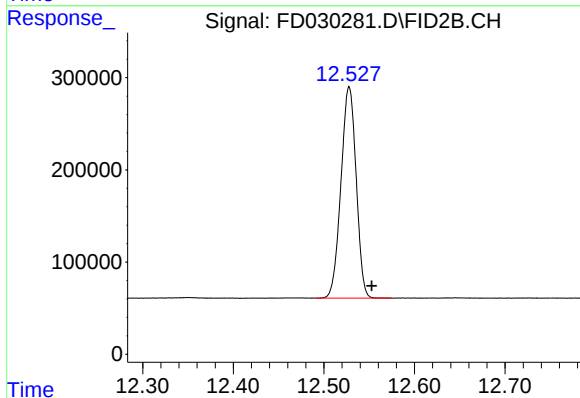
#8 n-Octadecane (C18)

R.T.: 11.228 min
Delta R.T.: -0.023 min
Response: 2747791
Conc: 21.49 ug/ml



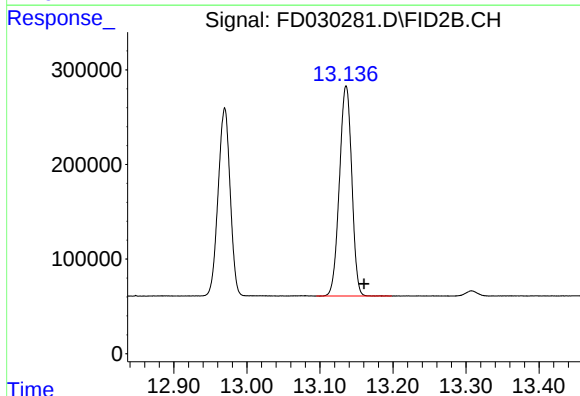
#9 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.025 min
Response: 2815482
Conc: 20.48 ug/ml



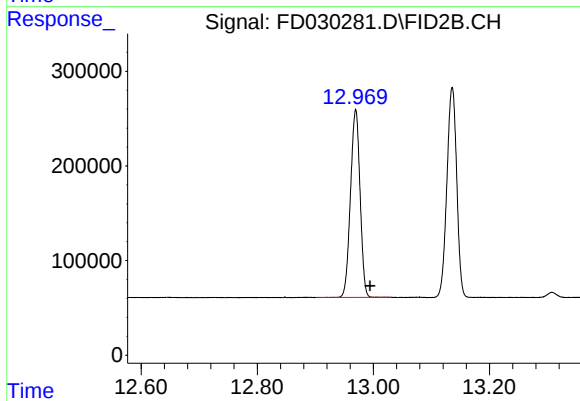
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.025 min
Response: 2670866
Conc: 20.57 ug/ml



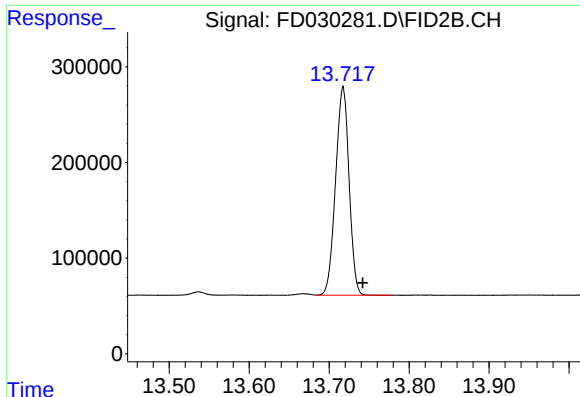
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.025 min
Response: 2608485
Conc: 20.09 ug/ml



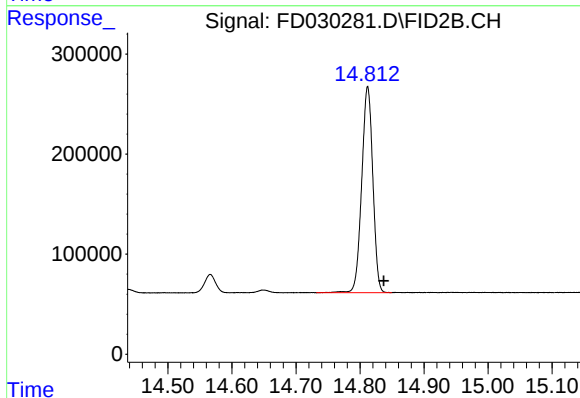
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.025 min
Response: 2269140
Conc: 19.90 ug/ml



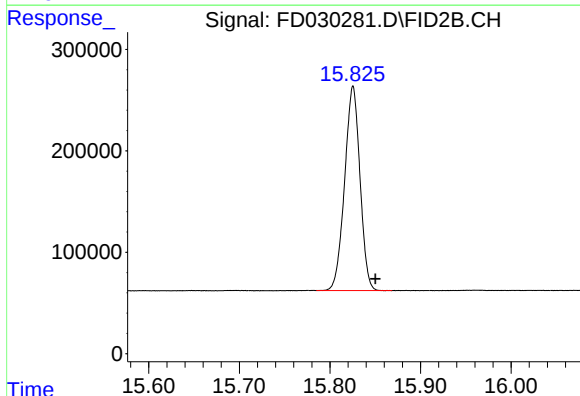
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.025 min
Response: 2556654
Conc: 19.58 ug/ml



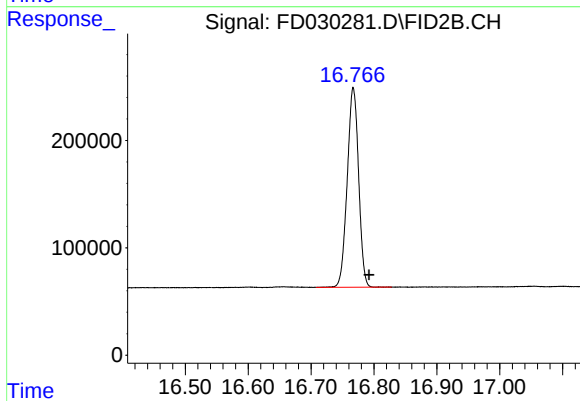
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.025 min
Response: 2482406
Conc: 18.91 ug/ml



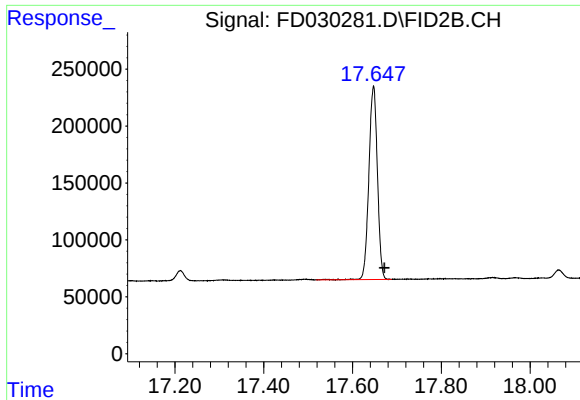
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.025 min
Response: 2376837
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.767 min
Delta R.T.: -0.025 min
Response: 2336497
Conc: 18.42 ug/ml



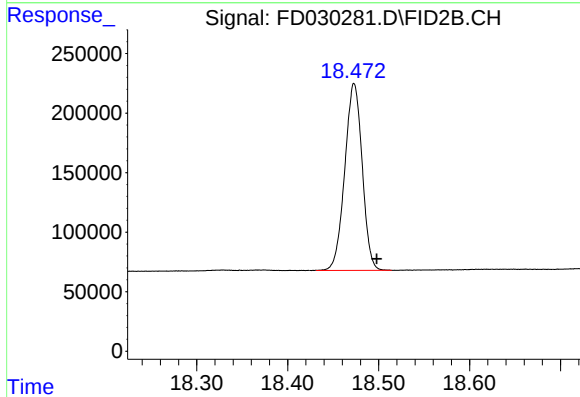
#17 n-Tricontane (C30)

R.T.: 17.647 min

Delta R.T.: -0.025 min

Response: 2257348

Conc: 18.63 ug/ml



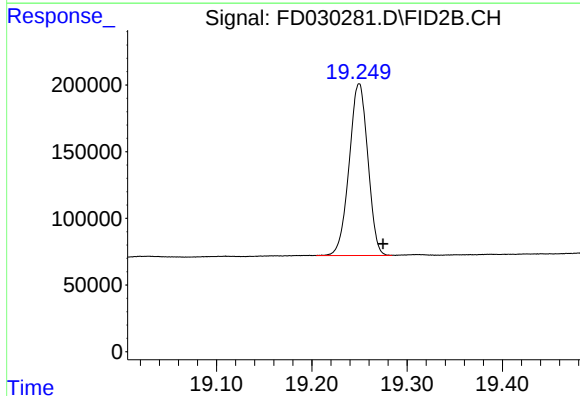
#18 n-Dotriacontane (C32)

R.T.: 18.472 min

Delta R.T.: -0.026 min

Response: 2091625

Conc: 18.65 ug/ml m



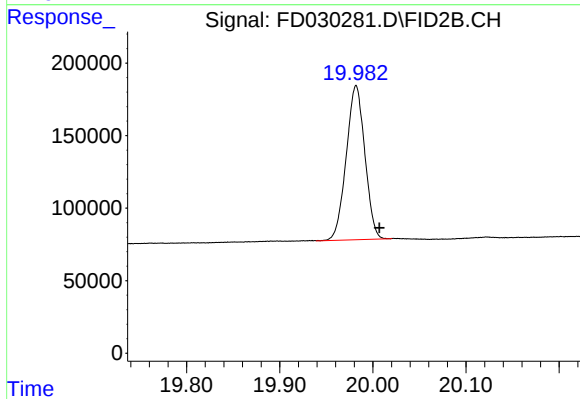
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min

Delta R.T.: -0.025 min

Response: 1756469

Conc: 19.81 ug/ml m



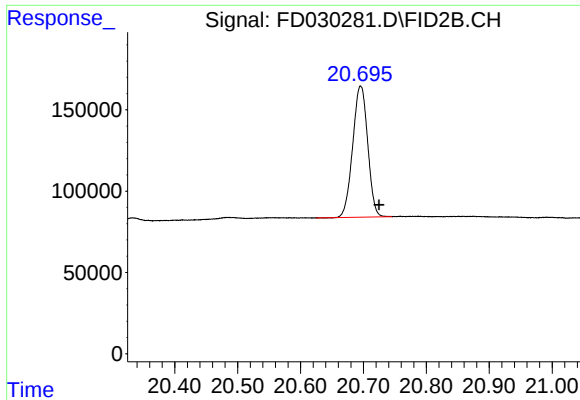
#20 n-Hexatriacontane (C36)

R.T.: 19.982 min

Delta R.T.: -0.025 min

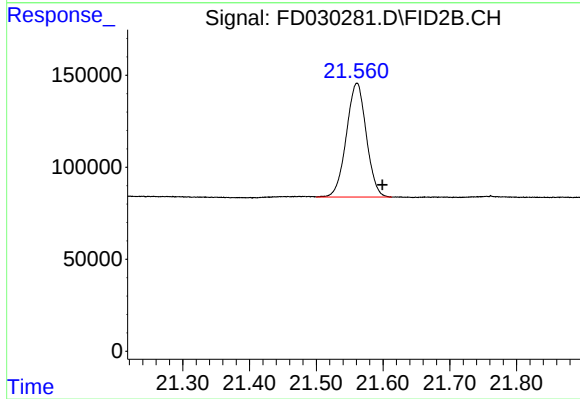
Response: 1477066

Conc: 19.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: -0.029 min
Response: 1332395
Conc: 20.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.039 min
Response: 1285703
Conc: 18.20 ug/ml m