

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042886.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 13:30
 Operator : UA/NP
 Sample : N1645-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:58:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.574	537984	3.239 ug/ml
Spiked Amount 50.000		Recovery =	6.48%
12) S 1-chlorooctadecane (S...	13.013	4156626	31.827 ug/ml
Spiked Amount 50.000		Recovery =	63.65%
Target Compounds			
1) T n-Nonane (C9)	3.345	285702	2.062 ug/ml
2) T n-Decane (C10)	4.412	372590	2.698 ug/ml
4) T n-Dodecane (C12)	6.428	572971	4.043 ug/ml
6) T n-Tetradecane (C14)	8.220	477044	3.312 ug/ml
7) T n-Hexadecane (C16)	9.819	492802	3.341 ug/ml
8) T n-Octadecane (C18)	11.258	521936	3.468 ug/ml
10) T n-Eicosane (C20)	12.566	542208	3.606 ug/ml
11) T n-Heneicosane (C21)	13.177	549314	3.629 ug/ml
13) T n-Docosane (C22)	13.762	546548	3.616 ug/ml
14) T n-Tetracosane (C24)	14.864	548817	3.657 ug/ml
15) T n-Hexacosane (C26)	15.882	519540	3.564 ug/ml
16) T n-Octacosane (C28)	16.830	511834	3.670 ug/ml
17) T n-Tricontane (C30)	17.715	529875	4.053 ug/ml
18) T n-Dotriacontane (C32)	18.547	514694	4.359 ug/ml
19) T n-Tetratriacontane (C34)	19.329	456802	4.297 ug/ml
20) T n-Hexatriacontane (C36)	20.066	379082	3.877 ug/ml
21) T n-Octatriacontane (C38)	20.798	349942	3.837 ug/ml
22) T n-Tetracontane (C40)	21.698	397269	4.902 ug/ml

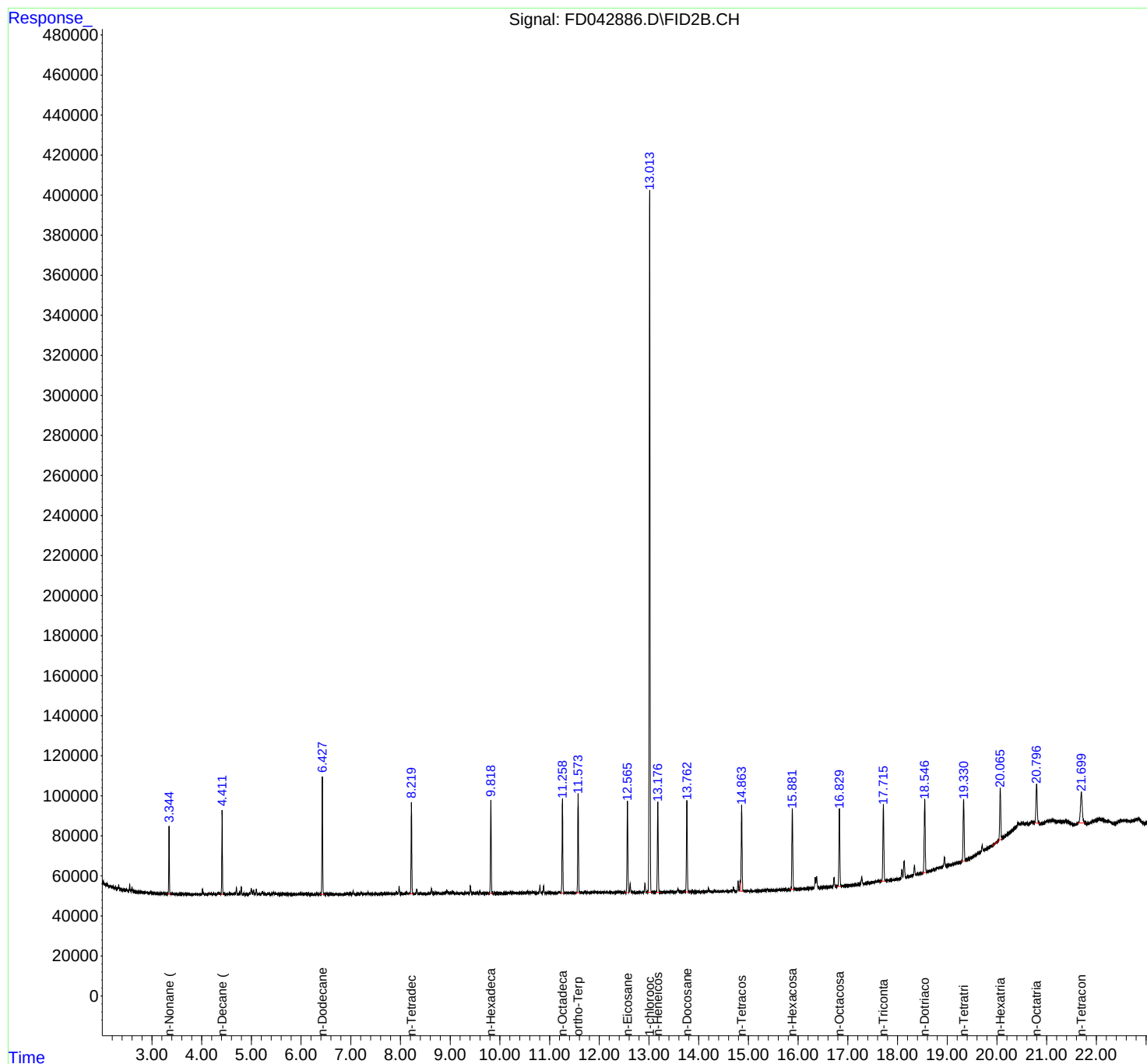
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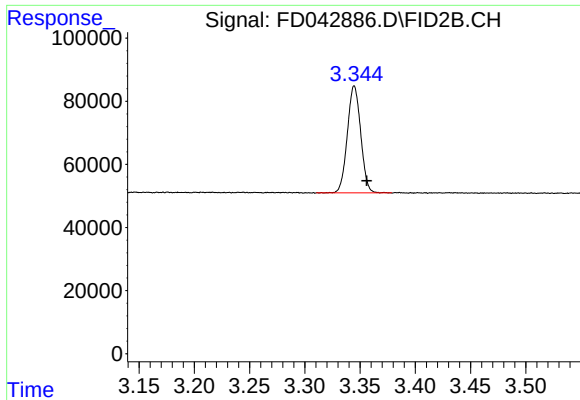
(m)=manual int.

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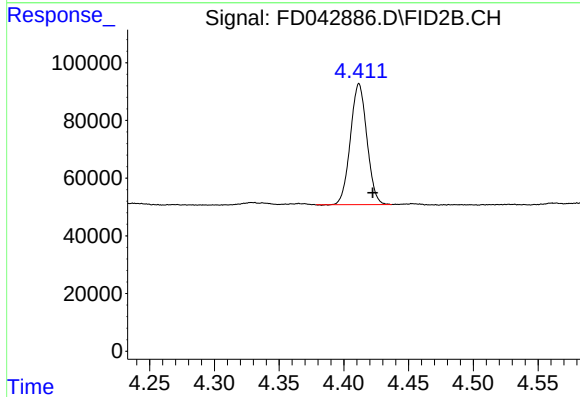
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Signal Info : 20M x 0.18mm x 0.18um





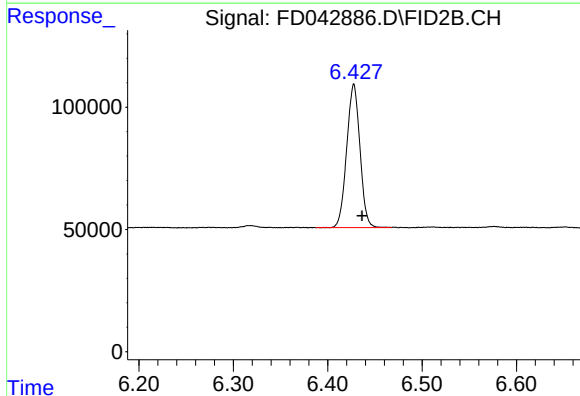
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.011 min
Response: 285702
Conc: 2.06 ug/ml



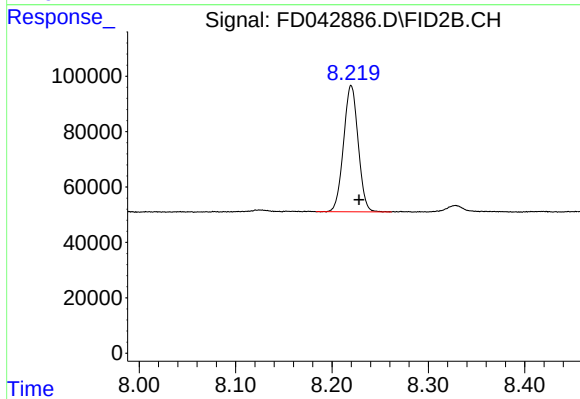
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.011 min
Response: 372590
Conc: 2.70 ug/ml



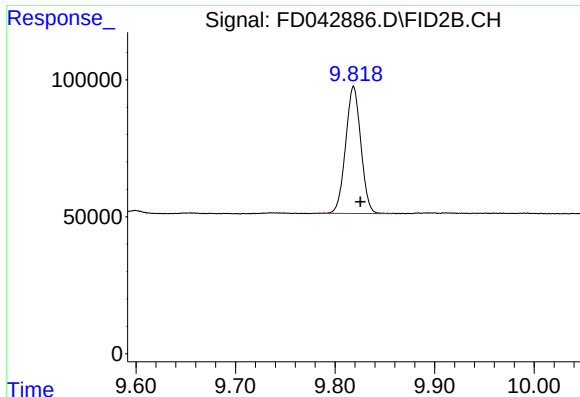
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.009 min
Response: 572971
Conc: 4.04 ug/ml



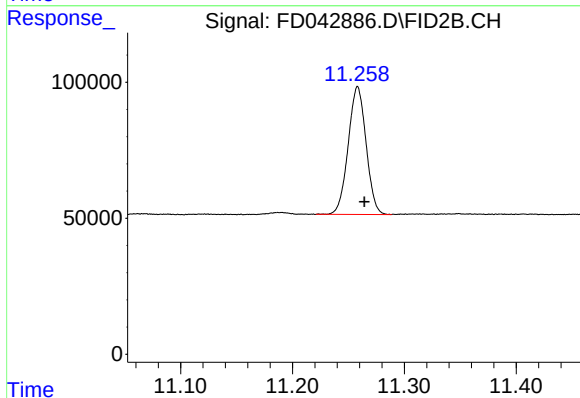
#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 477044
Conc: 3.31 ug/ml



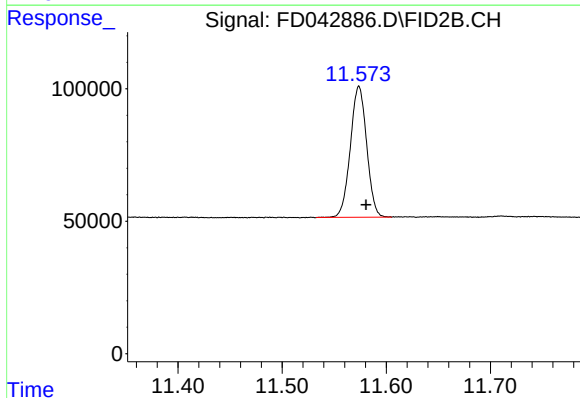
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.007 min
Response: 492802
Conc: 3.34 ug/ml



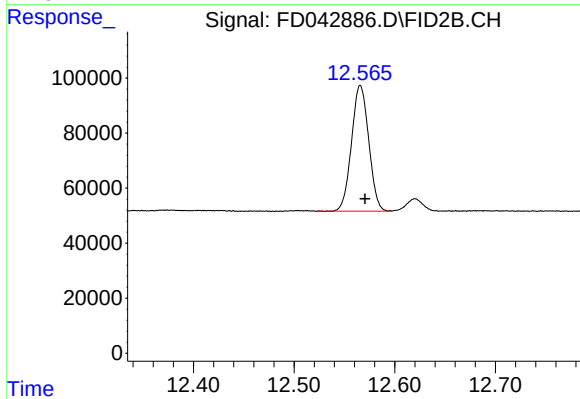
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.006 min
Response: 521936
Conc: 3.47 ug/ml



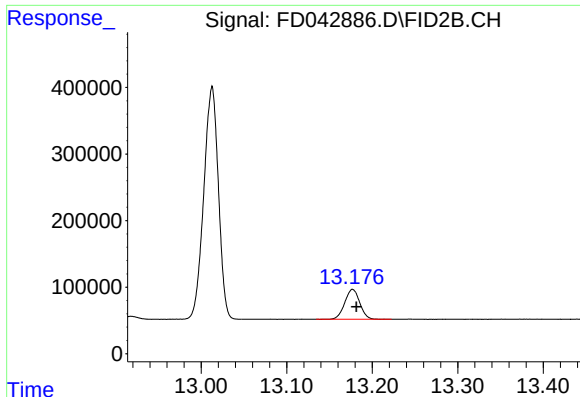
#9 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.007 min
Response: 537984
Conc: 3.24 ug/ml



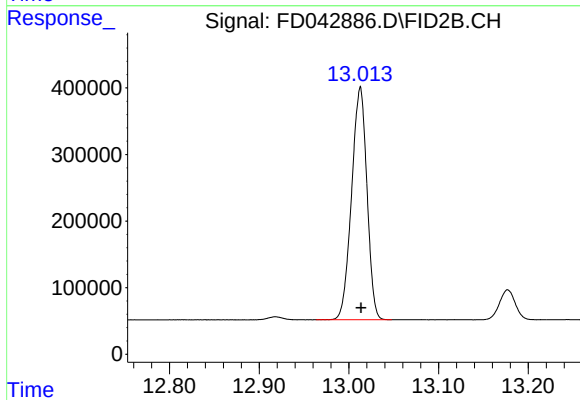
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 542208
Conc: 3.61 ug/ml



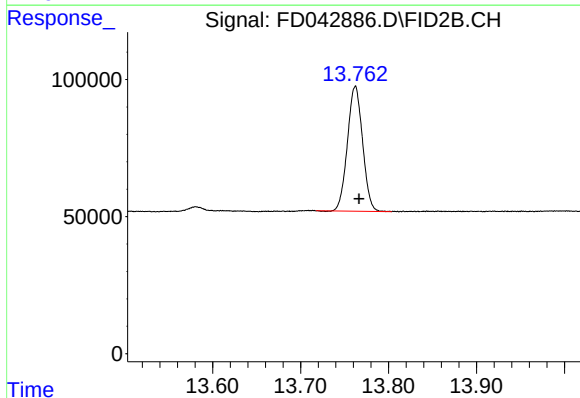
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.004 min
Response: 549314
Conc: 3.63 ug/ml



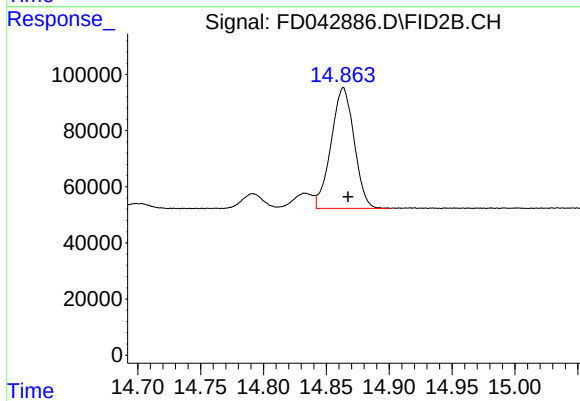
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.001 min
Response: 4156626
Conc: 31.83 ug/ml



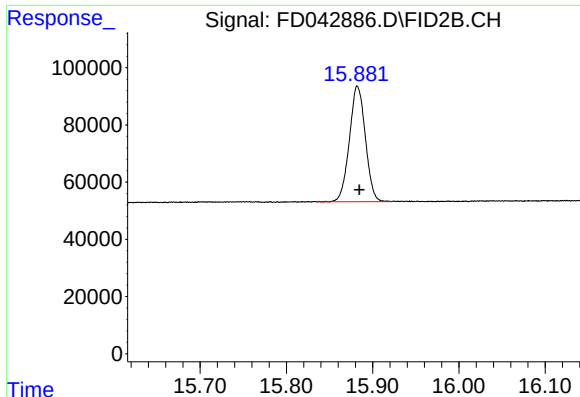
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: -0.004 min
Response: 546548
Conc: 3.62 ug/ml



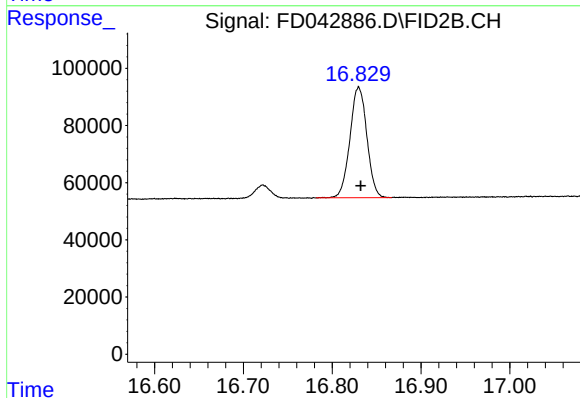
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.004 min
Response: 548817
Conc: 3.66 ug/ml



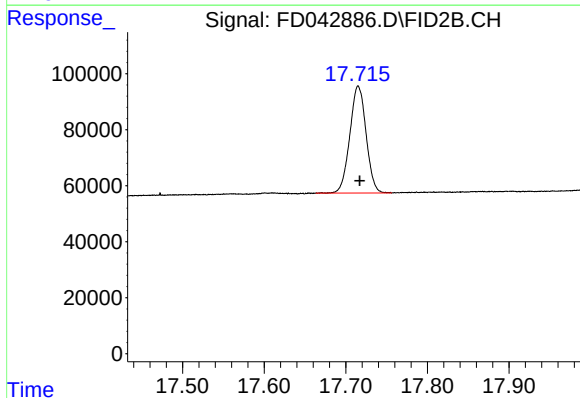
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: -0.002 min
Response: 519540
Conc: 3.56 ug/ml



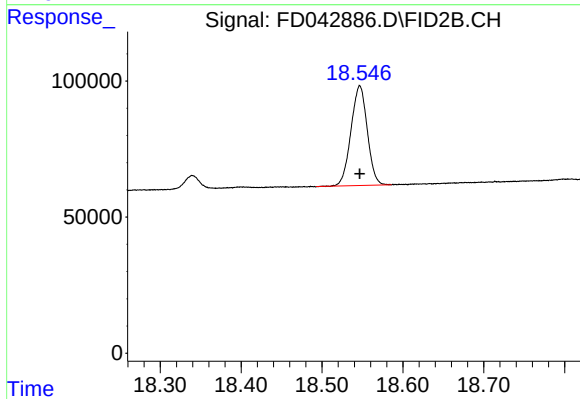
#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.002 min
Response: 511834
Conc: 3.67 ug/ml



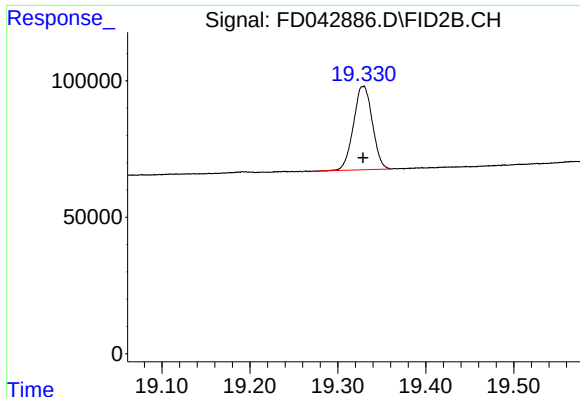
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 529875
Conc: 4.05 ug/ml



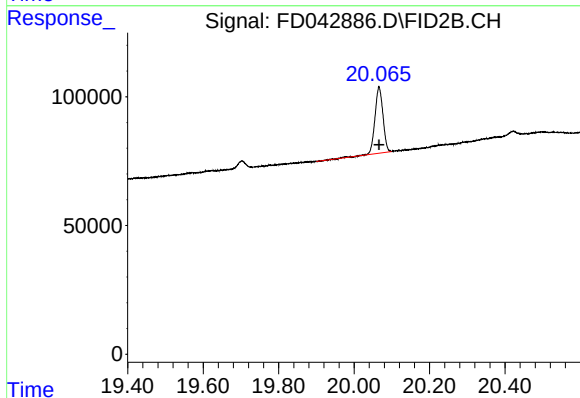
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.000 min
Response: 514694
Conc: 4.36 ug/ml



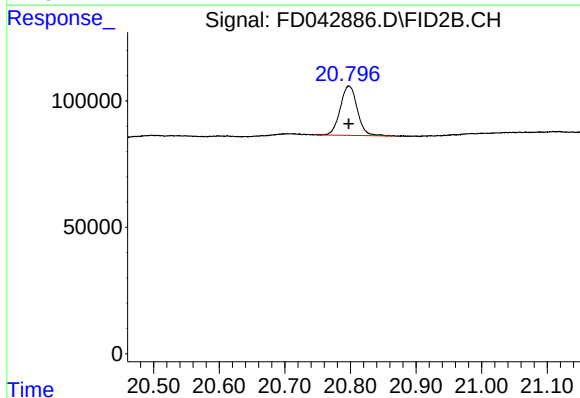
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 456802
Conc: 4.30 ug/ml



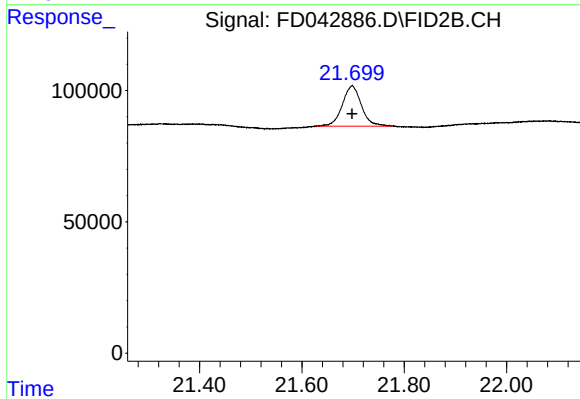
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.000 min
Response: 379082
Conc: 3.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.000 min
Response: 349942
Conc: 3.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.000 min
Response: 397269
Conc: 4.90 ug/ml