

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061042.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 13:08
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 10 13:32:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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			
12) S 1-chlorooctadecane (S...	11.996	3628094	27.329 ug/ml
Spiked Amount 50.000		Recovery =	54.66%
Target Compounds			
1) T n-Nonane (C9)	2.648	212774	1.511 ug/ml
2) T n-Decane (C10)	3.641	277316	1.966 ug/ml
4) T n-Dodecane (C12)	5.581	400883	2.705 ug/ml
6) T n-Tetradecane (C14)	7.324	420918	2.804 ug/ml
7) T n-Hexadecane (C16)	8.882	419984	2.744 ug/ml
8) T n-Octadecane (C18)	10.285	491912	3.150 ug/ml
10) T n-Eicosane (C20)	11.561	501454	3.195 ug/ml
11) T n-Heneicosane (C21)	12.158	501031	3.202 ug/ml
13) T n-Docosane (C22)	12.729	504441	3.235 ug/ml
14) T n-Tetracosane (C24)	13.804	488008	3.197 ug/ml
15) T n-Hexacosane (C26)	14.800	476299	3.191 ug/ml
16) T n-Octacosane (C28)	15.725	462866	3.230 ug/ml
17) T n-Tricontane (C30)	16.589	460695	3.291 ug/ml
18) T n-Dotriacontane (C32)	17.401	467125	3.461 ug/ml
19) T n-Tetratriacontane (C34)	18.163	455098	3.629 ug/ml
20) T n-Hexatriacontane (C36)	18.883	431254	3.528 ug/ml
21) T n-Octatriacontane (C38)	19.566	425801	3.608 ug/ml
22) T n-Tetracontane (C40)	20.212	429001	3.727 ug/ml

(f)=RT Delta > 1/2 Window

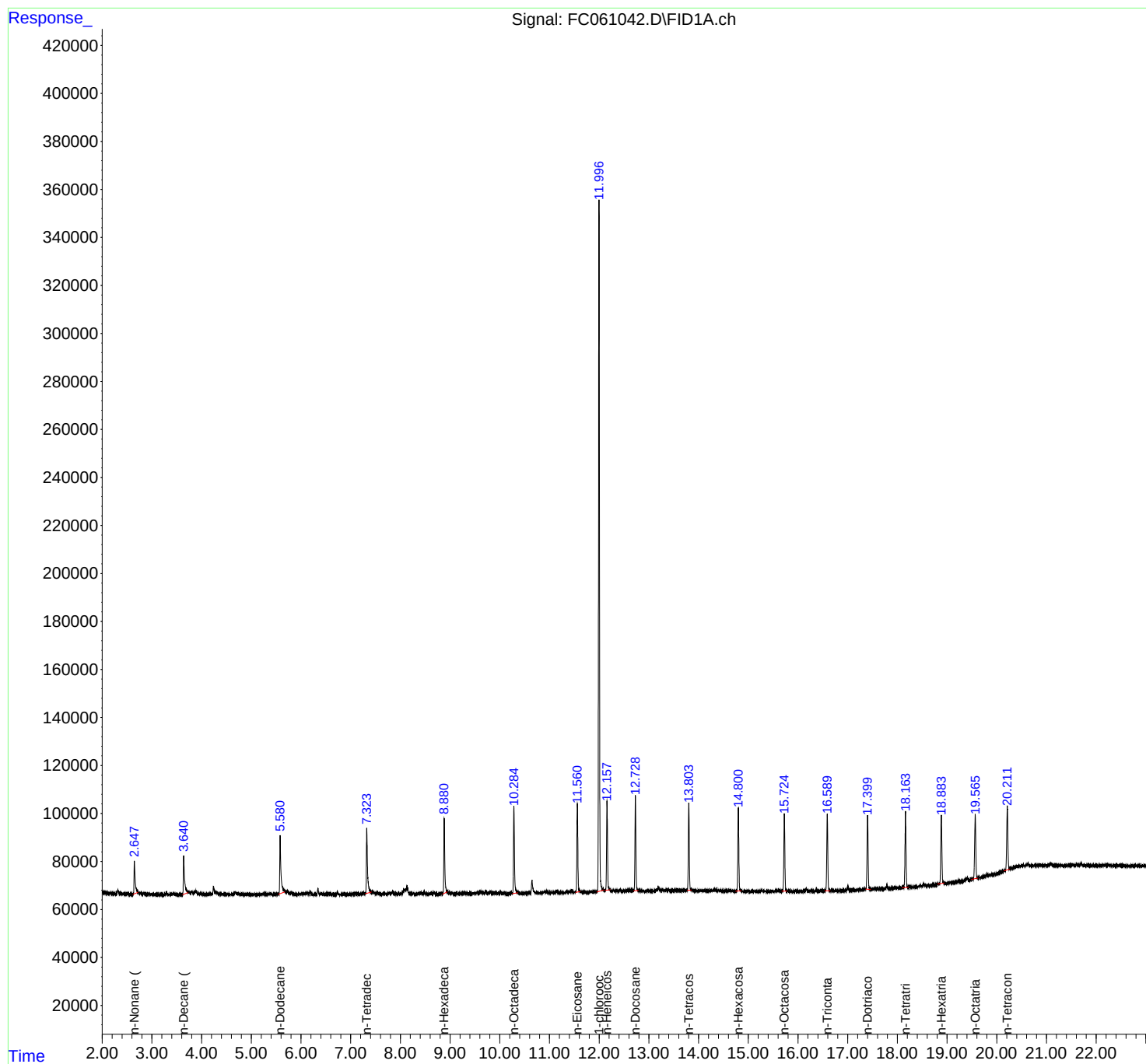
(m)=manual int.

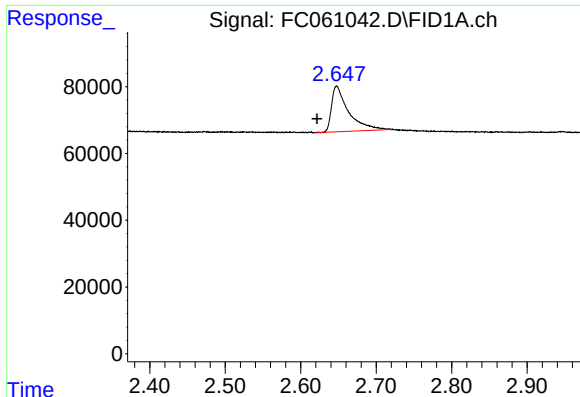
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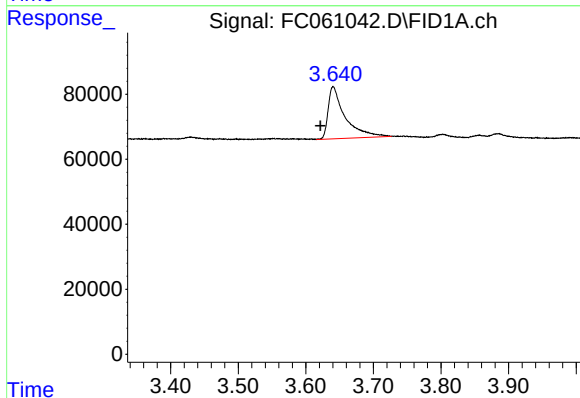




#1 n-Nonane (C9)

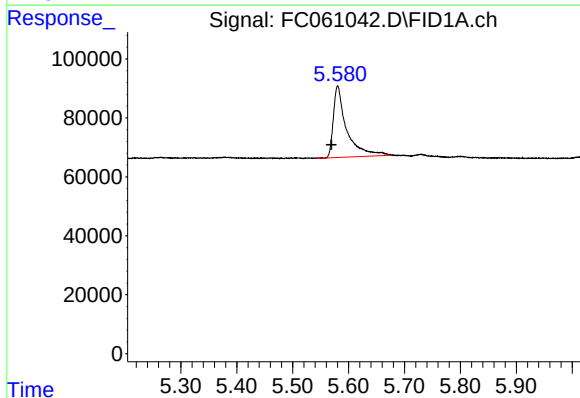
R.T.: 2.648 min
Delta R.T.: 0.026 min
Response: 212774
Conc: 1.51 ug/ml

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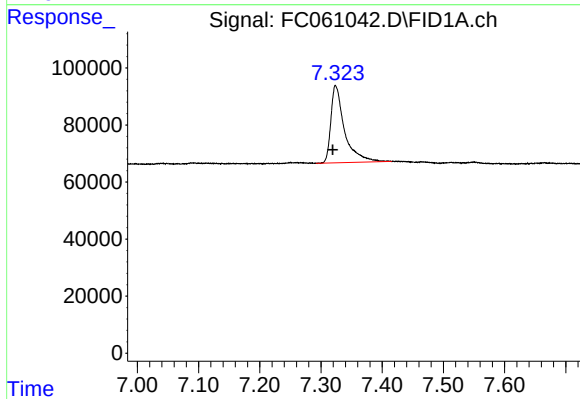
#2 n-Decane (C10)

R.T.: 3.641 min
Delta R.T.: 0.019 min
Response: 277316
Conc: 1.97 ug/ml



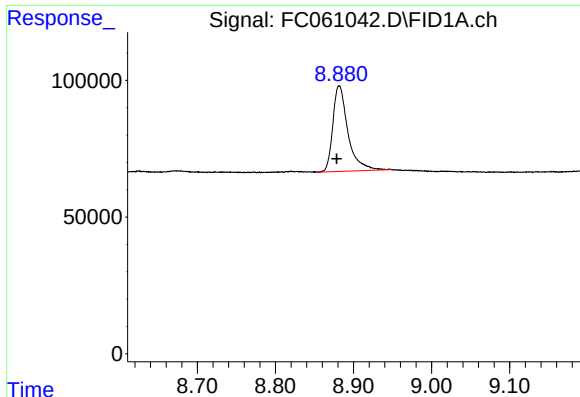
#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: 0.011 min
Response: 400883
Conc: 2.70 ug/ml



#6 n-Tetradecane (C14)

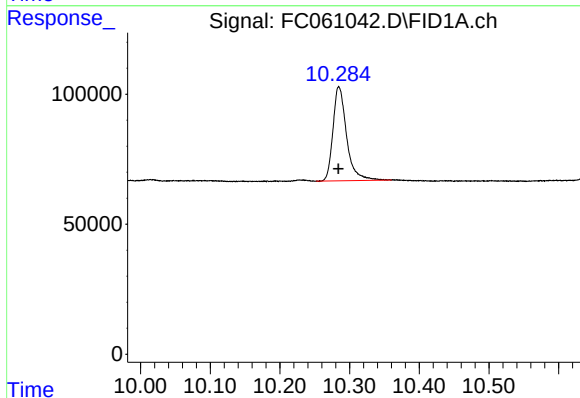
R.T.: 7.324 min
Delta R.T.: 0.005 min
Response: 420918
Conc: 2.80 ug/ml



#7 n-Hexadecane (C16)

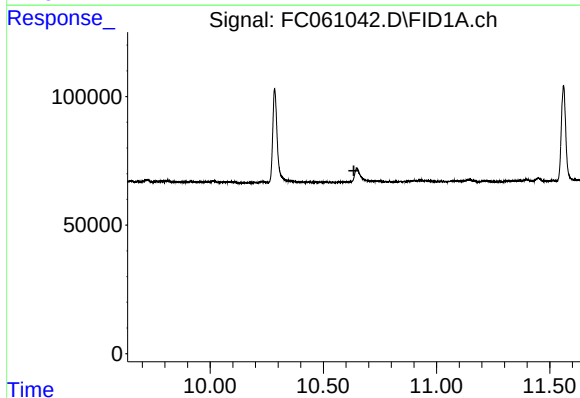
R.T.: 8.882 min
Delta R.T.: 0.003 min
Response: 419984
Conc: 2.74 ug/ml

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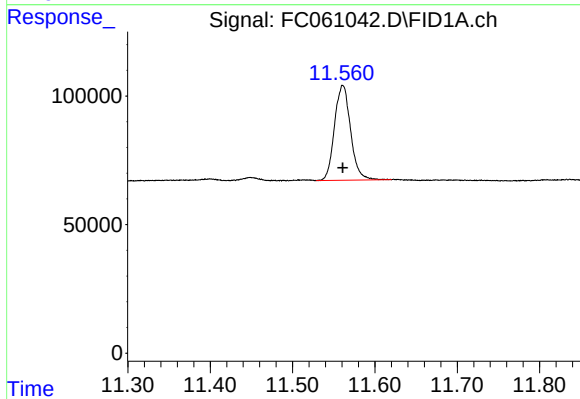
#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: 0.001 min
Response: 491912
Conc: 3.15 ug/ml



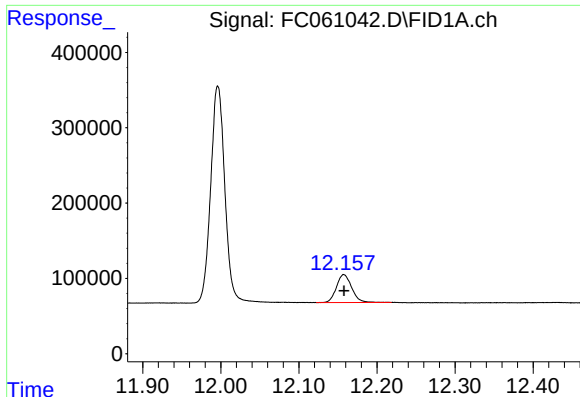
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

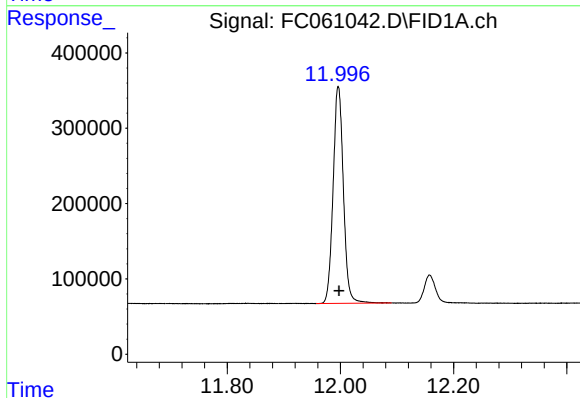
R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 501454
Conc: 3.20 ug/ml



#11 n-Heneicosane (C21)

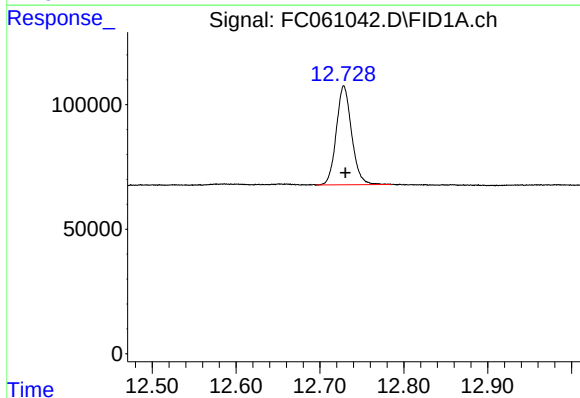
R.T.: 12.158 min
Delta R.T.: 0.000 min
Response: 501031
Conc: 3.20 ug/ml

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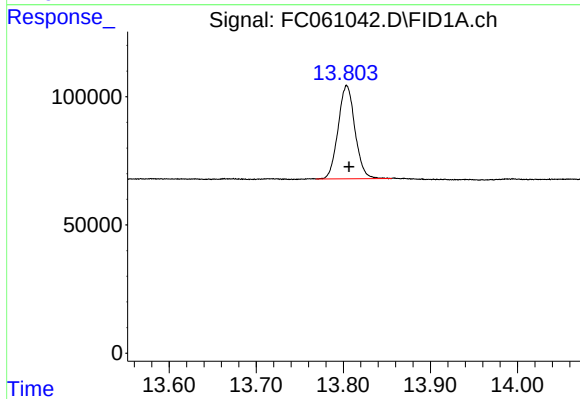
#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.001 min
Response: 3628094
Conc: 27.33 ug/ml



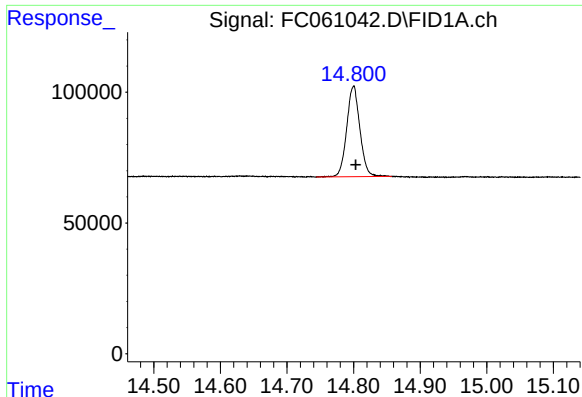
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.002 min
Response: 504441
Conc: 3.24 ug/ml



#14 n-Tetracosane (C24)

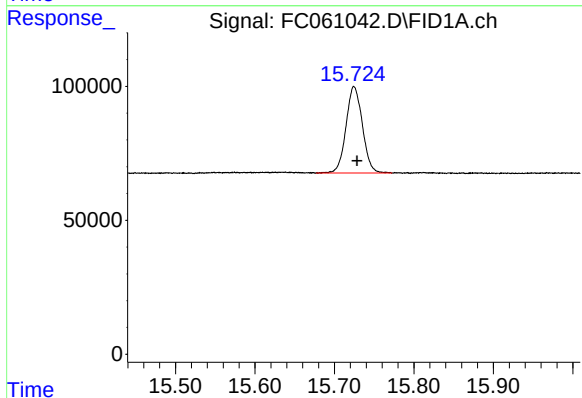
R.T.: 13.804 min
Delta R.T.: -0.003 min
Response: 488008
Conc: 3.20 ug/ml



#15 n-Hexacosane (C26)

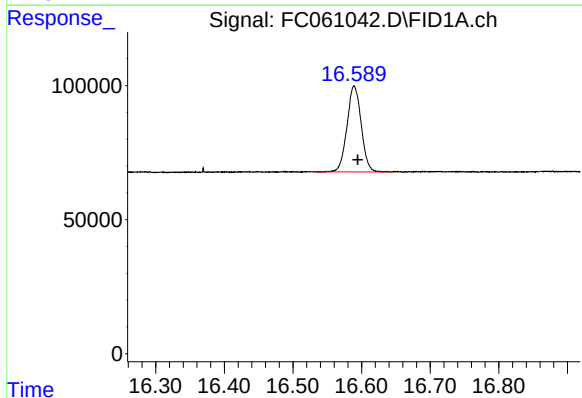
R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 476299
Conc: 3.19 ug/ml

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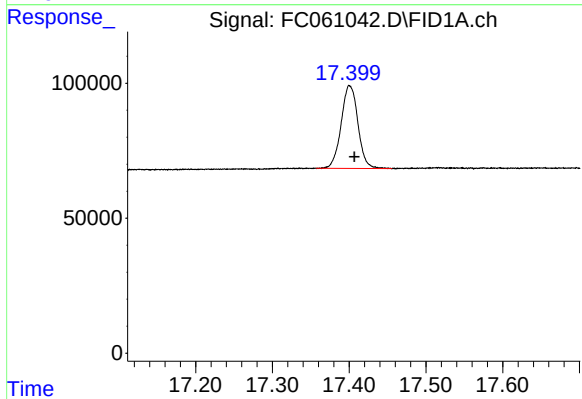
#16 n-Octacosane (C28)

R.T.: 15.725 min
Delta R.T.: -0.004 min
Response: 462866
Conc: 3.23 ug/ml



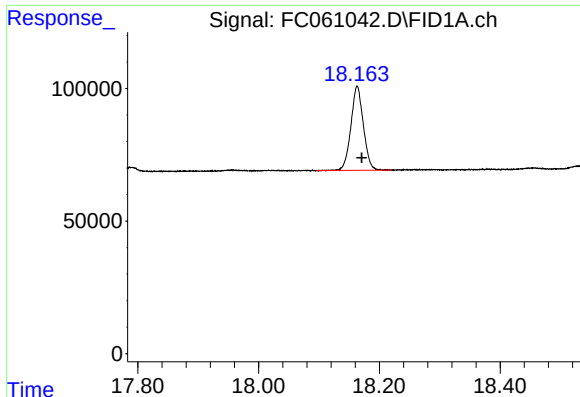
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.005 min
Response: 460695
Conc: 3.29 ug/ml



#18 n-Dotriacontane (C32)

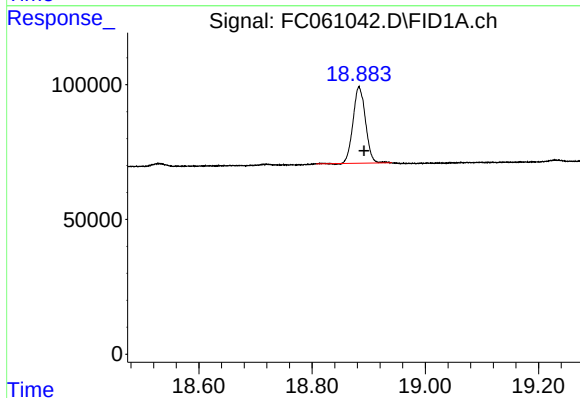
R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 467125
Conc: 3.46 ug/ml



#19 n-Tetratriacontane (C34)

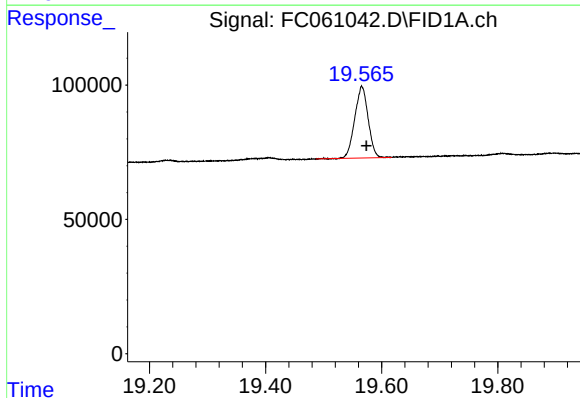
R.T.: 18.163 min
Delta R.T.: -0.008 min
Response: 455098
Conc: 3.63 ug/ml

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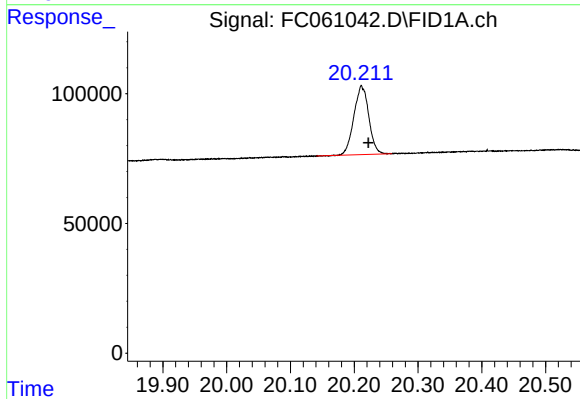
#20 n-Hexatriacontane (C36)

R.T.: 18.883 min
Delta R.T.: -0.009 min
Response: 431254
Conc: 3.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.008 min
Response: 425801
Conc: 3.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.212 min
Delta R.T.: -0.010 min
Response: 429001
Conc: 3.73 ug/ml