

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081022AL\
 Data File : FC061046.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2022 16:19
 Operator : YP/AJ
 Sample : N3980-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 8 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 10 23:17:58 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...	11.997	3633447	27.370 ug/ml
Spiked Amount 50.000		Recovery =	54.74%
Target Compounds			
1) T n-Nonane (C9)	2.651	119160	0.846 ug/ml
2) T n-Decane (C10)	3.646	145687	1.033 ug/ml
4) T n-Dodecane (C12)	5.584	235030	1.586 ug/ml
6) T n-Tetradecane (C14)	7.328	263933	1.758 ug/ml
7) T n-Hexadecane (C16)	8.884	254350	1.662 ug/ml
8) T n-Octadecane (C18)	10.287	302923	1.940 ug/ml
10) T n-Eicosane (C20)	11.562	315930	2.013 ug/ml
11) T n-Heneicosane (C21)	12.159	315189	2.014 ug/ml
13) T n-Docosane (C22)	12.729	314520	2.017 ug/ml
14) T n-Tetracosane (C24)	13.805	308465	2.020 ug/ml
15) T n-Hexacosane (C26)	14.799	307251	2.058 ug/ml
16) T n-Octacosane (C28)	15.725	295451	2.062 ug/ml
17) T n-Tricontane (C30)	16.589	304010	2.171 ug/ml
18) T n-Dotriacontane (C32)	17.401	313850	2.325 ug/ml
19) T n-Tetratriacontane (C34)	18.162	301921	2.407 ug/ml
20) T n-Hexatriacontane (C36)	18.884	280380	2.294 ug/ml
21) T n-Octatriacontane (C38)	19.566	271046	2.297 ug/ml
22) T n-Tetracontane (C40)	20.212	270588	2.351 ug/ml

(f)=RT Delta > 1/2 Window

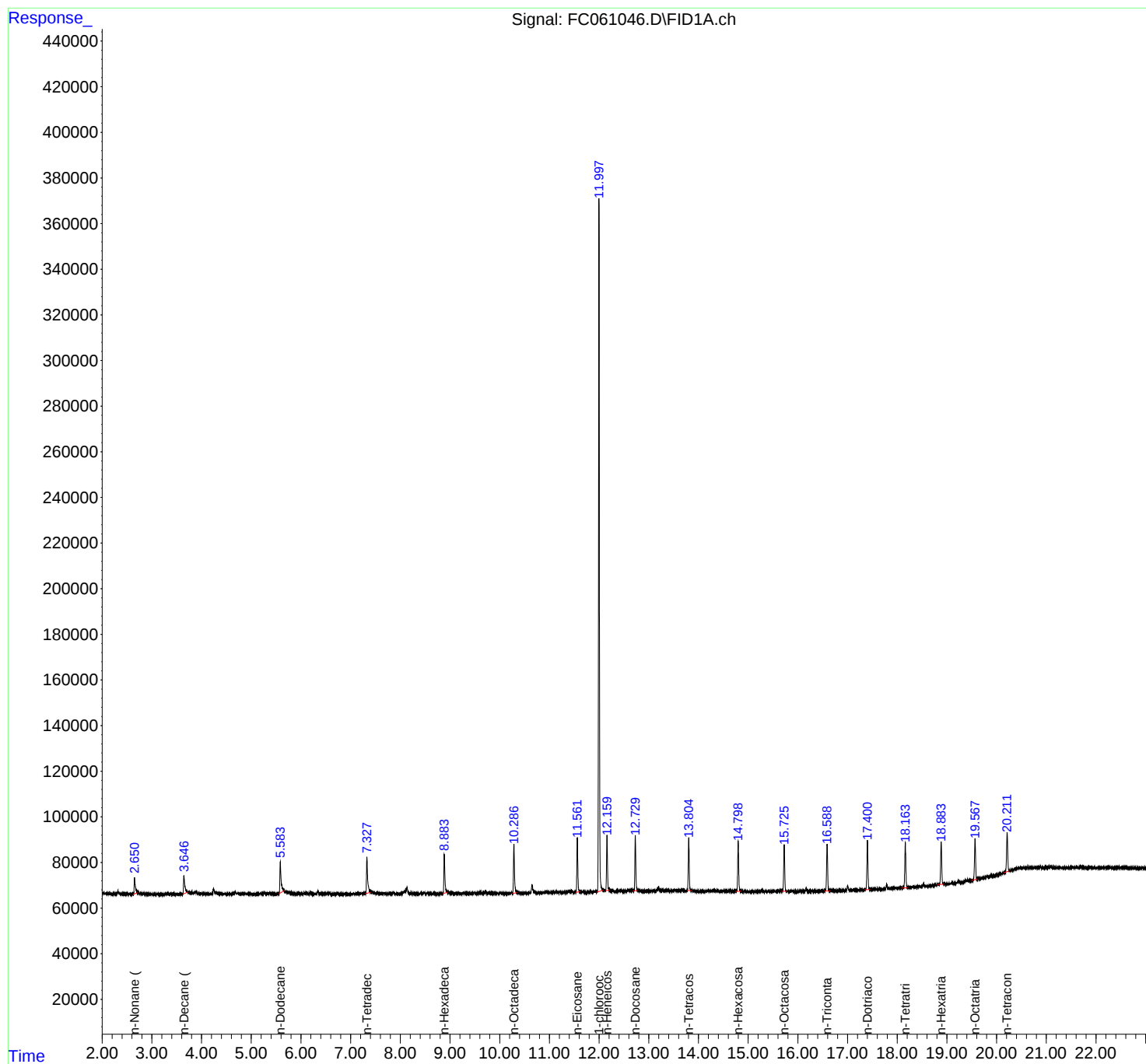
(m)=manual int.

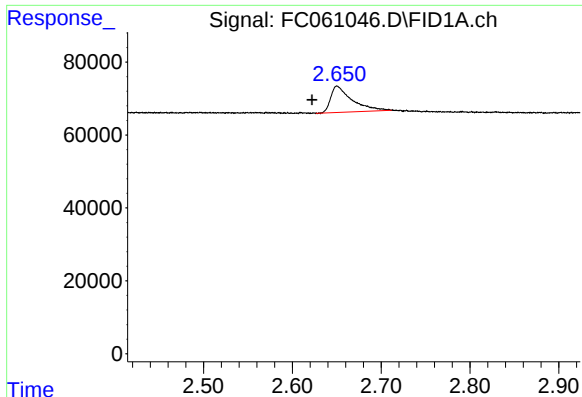
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

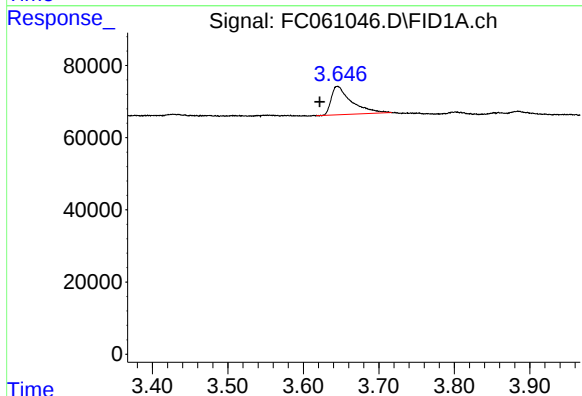
R.T.: 2.651 min
Delta R.T.: 0.029 min
Response: 119160
Conc: 0.85 ug/ml

Instrument :

FID_C

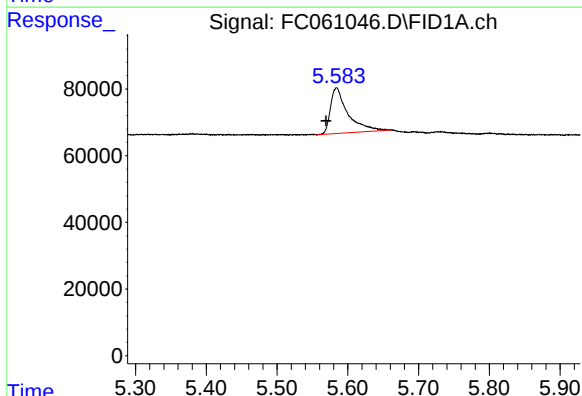
ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



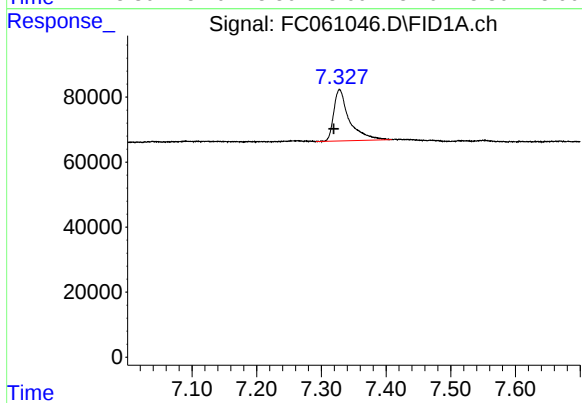
#2 n-Decane (C10)

R.T.: 3.646 min
Delta R.T.: 0.024 min
Response: 145687
Conc: 1.03 ug/ml



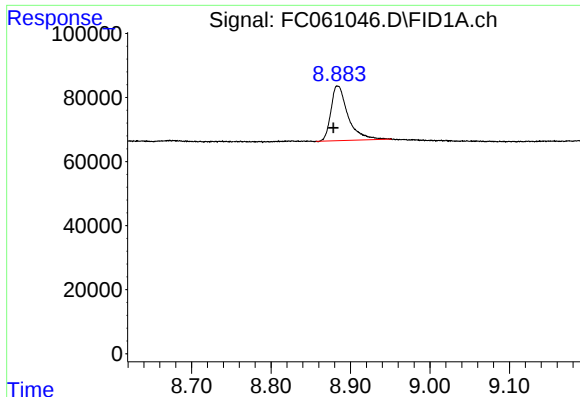
#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: 0.015 min
Response: 235030
Conc: 1.59 ug/ml



#6 n-Tetradecane (C14)

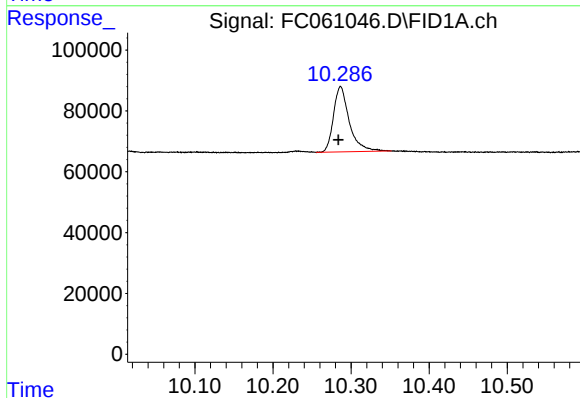
R.T.: 7.328 min
Delta R.T.: 0.009 min
Response: 263933
Conc: 1.76 ug/ml



#7 n-Hexadecane (C16)

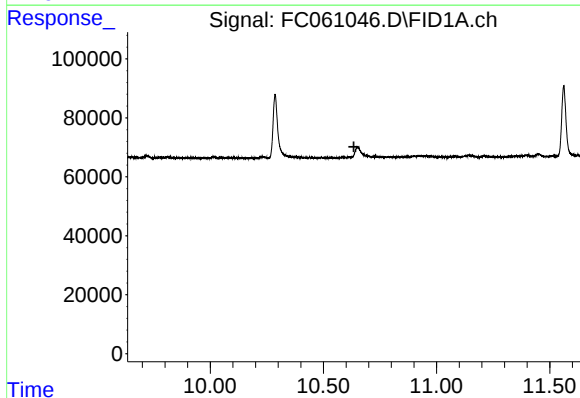
R.T.: 8.884 min
Delta R.T.: 0.006 min
Response: 254350
Conc: 1.66 ug/ml

Instrument :
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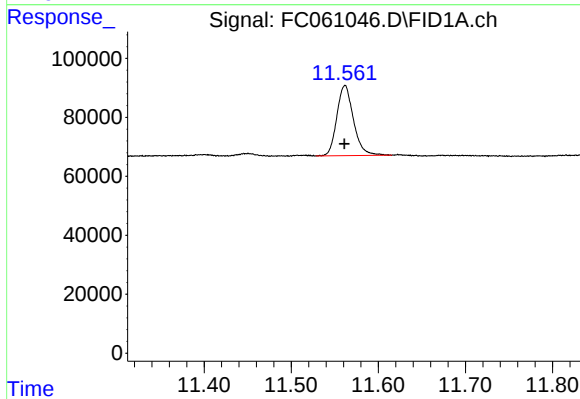
#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: 0.003 min
Response: 302923
Conc: 1.94 ug/ml



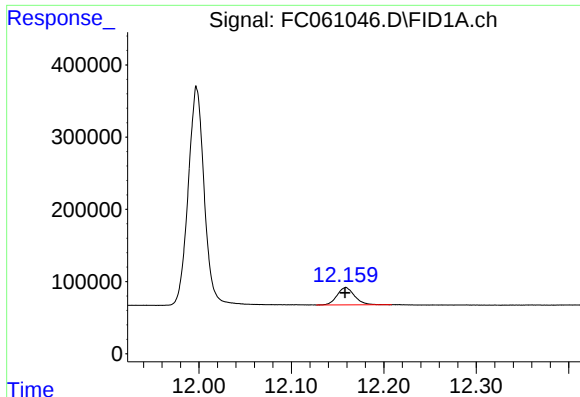
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

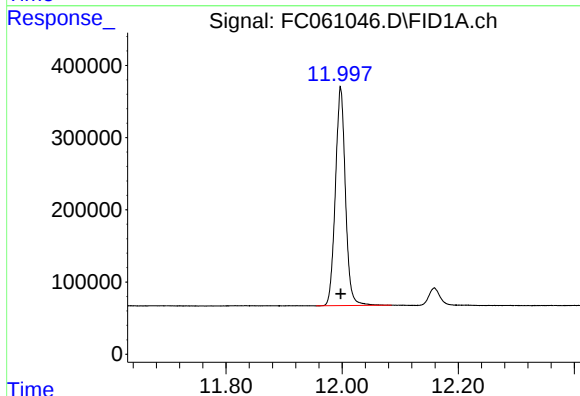
R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 315930
Conc: 2.01 ug/ml



#11 n-Heneicosane (C21)

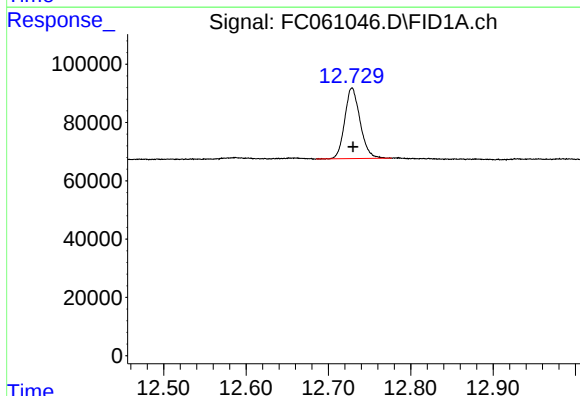
R.T.: 12.159 min
Delta R.T.: 0.000 min
Response: 315189
Conc: 2.01 ug/ml

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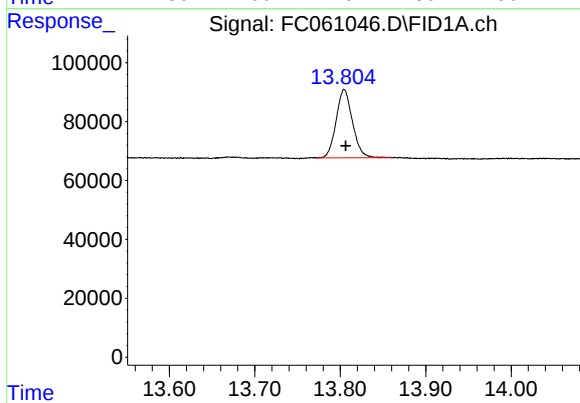
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 3633447
Conc: 27.37 ug/ml



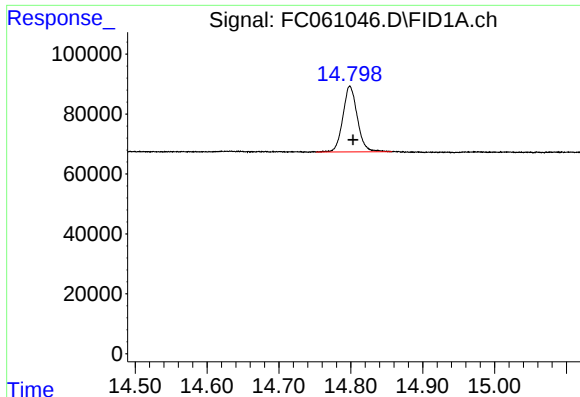
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 314520
Conc: 2.02 ug/ml



#14 n-Tetracosane (C24)

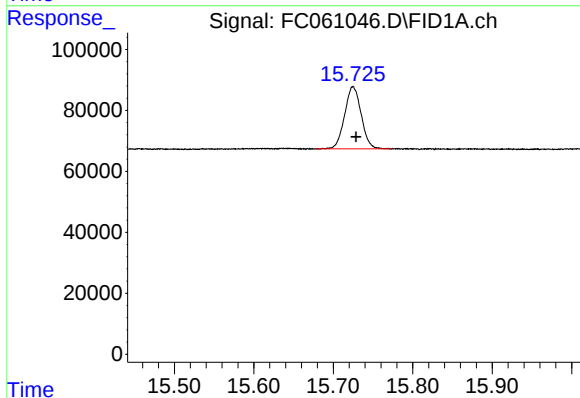
R.T.: 13.805 min
Delta R.T.: -0.002 min
Response: 308465
Conc: 2.02 ug/ml



#15 n-Hexacosane (C26)

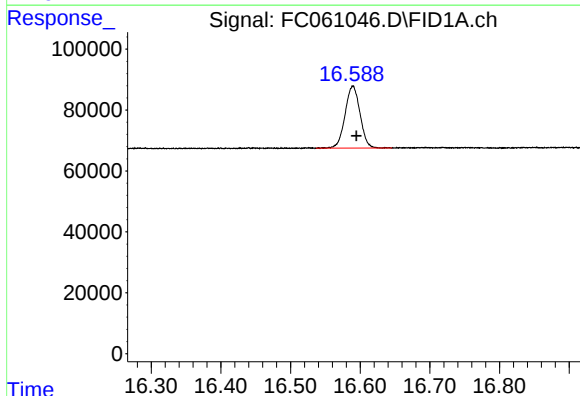
R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 307251
Conc: 2.06 ug/ml

Instrument :
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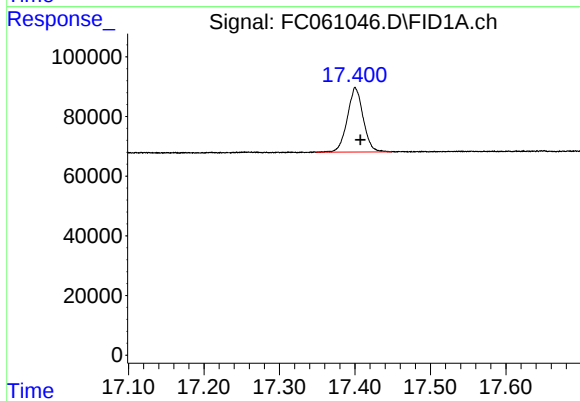
#16 n-Octacosane (C28)

R.T.: 15.725 min
Delta R.T.: -0.004 min
Response: 295451
Conc: 2.06 ug/ml



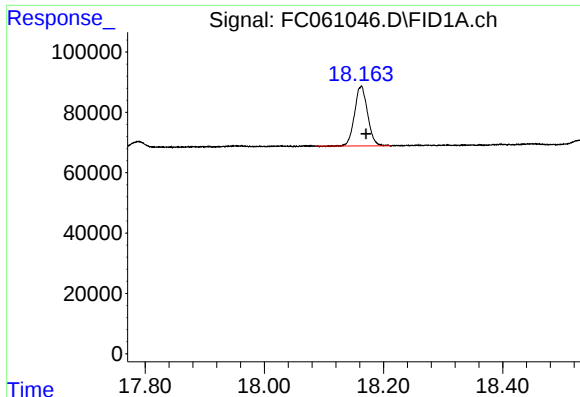
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.005 min
Response: 304010
Conc: 2.17 ug/ml



#18 n-Dotriacontane (C32)

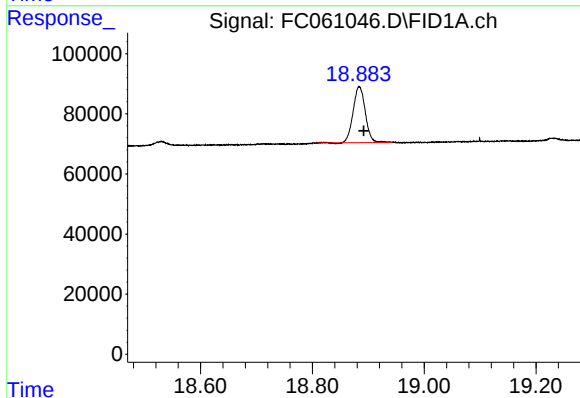
R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 313850
Conc: 2.33 ug/ml



#19 n-Tetratriacontane (C34)

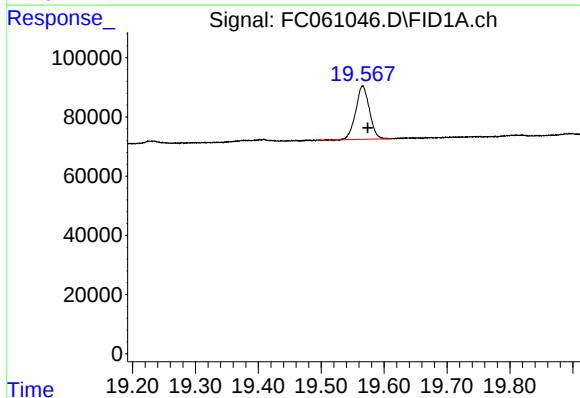
R.T.: 18.162 min
Delta R.T.: -0.009 min
Response: 301921
Conc: 2.41 ug/ml

Instrument :
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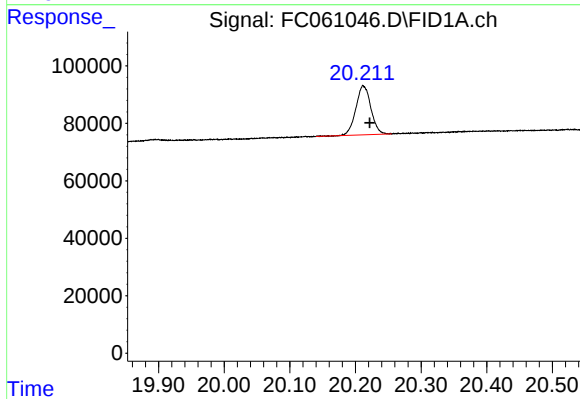
#20 n-Hexatriacontane (C36)

R.T.: 18.884 min
Delta R.T.: -0.008 min
Response: 280380
Conc: 2.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.008 min
Response: 271046
Conc: 2.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.212 min
Delta R.T.: -0.010 min
Response: 270588
Conc: 2.35 ug/ml