

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050924AL\
 Data File : FC066361.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2024 19:24
 Operator : YP/AJ
 Sample : P2403-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Integration File: autoint1.e
 Quant Time: May 10 06:06:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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...	13.003	5367681	43.761 ug/ml
Spiked Amount 50.000		Recovery =	87.52%
Target Compounds			
1) T n-Nonane (C9)	3.323	314030	2.079 ug/ml
2) T n-Decane (C10)	4.389	395091	2.569 ug/ml
4) T n-Dodecane (C12)	6.407	542398	3.529 ug/ml
6) T n-Tetradecane (C14)	8.203	486337	3.214 ug/ml
7) T n-Hexadecane (C16)	9.804	485753	3.177 ug/ml
8) T n-Octadecane (C18)	11.246	516997	3.406 ug/ml
10) T n-Eicosane (C20)	12.556	528743	3.676 ug/ml
11) T n-Heneicosane (C21)	13.167	502510	3.575 ug/ml
13) T n-Docosane (C22)	13.753	525438	3.753 ug/ml
14) T n-Tetracosane (C24)	14.857	550007	3.907 ug/ml
15) T n-Hexacosane (C26)	15.878	511006	3.736 ug/ml
16) T n-Octacosane (C28)	16.829	505942	3.778 ug/ml
17) T n-Tricontane (C30)	17.716	499800	3.709 ug/ml
18) T n-Dotriacontane (C32)	18.550	485596	3.771 ug/ml
19) T n-Tetratriacontane (C34)	19.333	457598	3.868 ug/ml
20) T n-Hexatriacontane (C36)	20.073	441240	3.839 ug/ml
21) T n-Octatriacontane (C38)	20.808	402560	3.740 ug/ml
22) T n-Tetracontane (C40)	21.719	375157	3.499 ug/ml

(f)=RT Delta > 1/2 Window

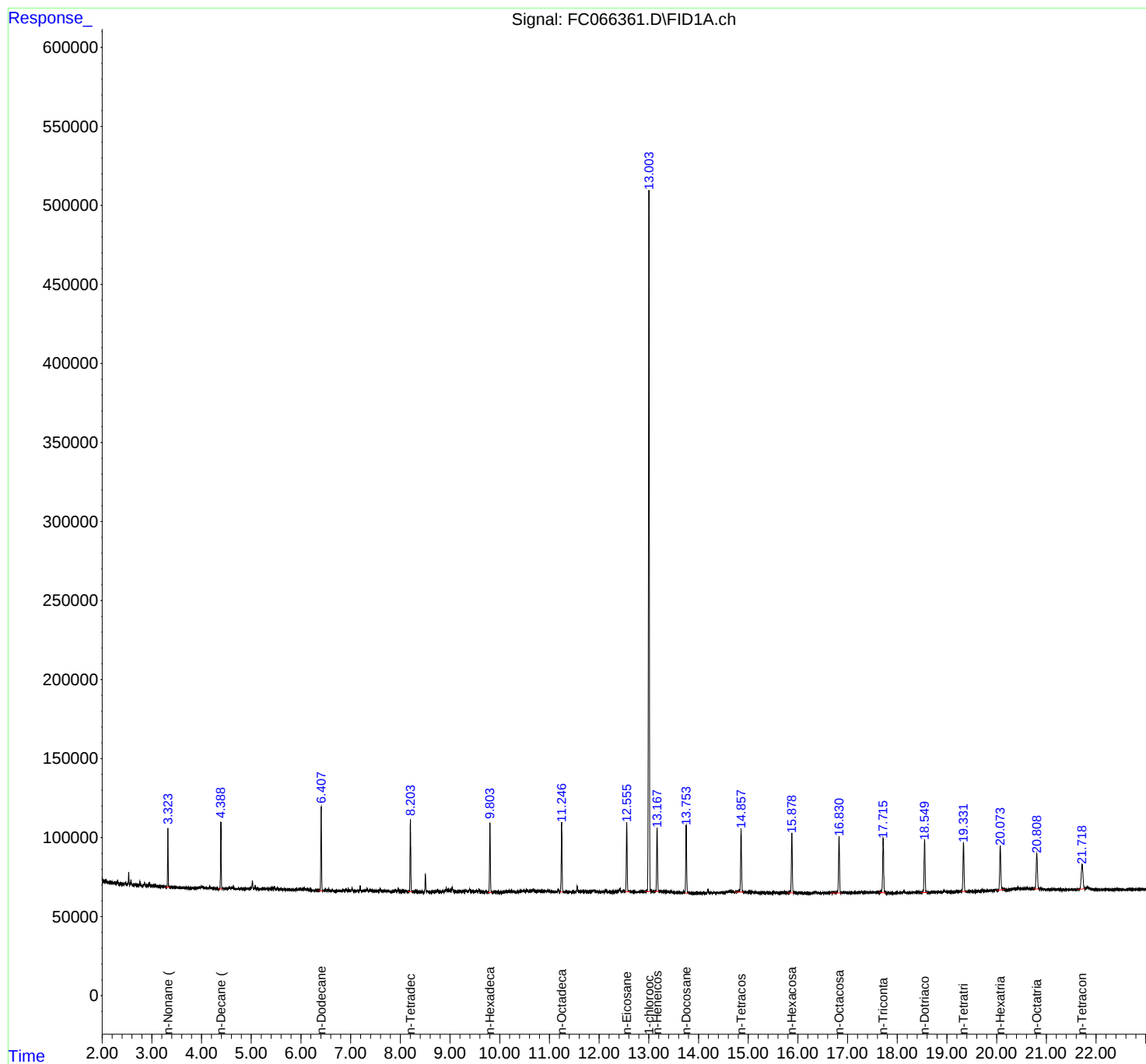
(m)=manual int.

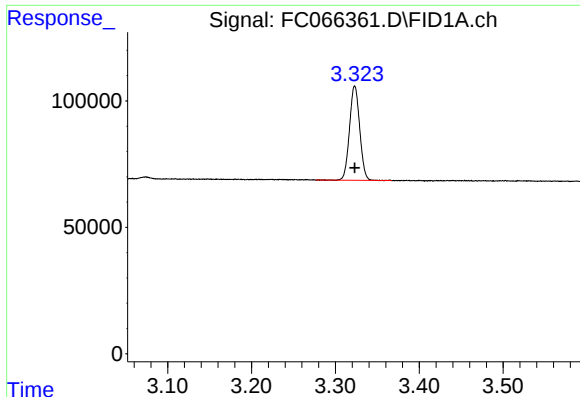
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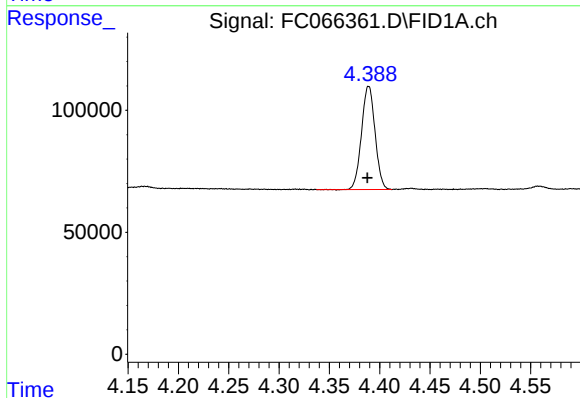




#1 n-Nonane (C9)

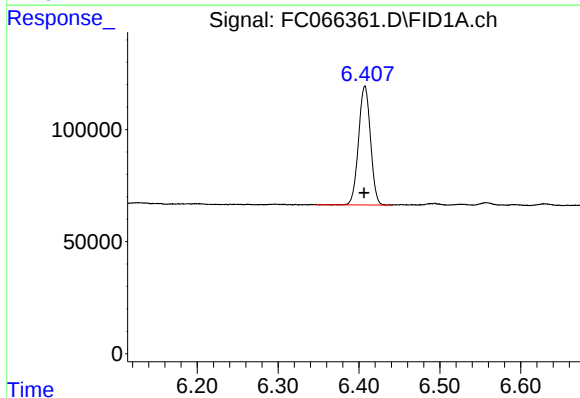
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 314030
Conc: 2.08 ug/ml

Instrument :
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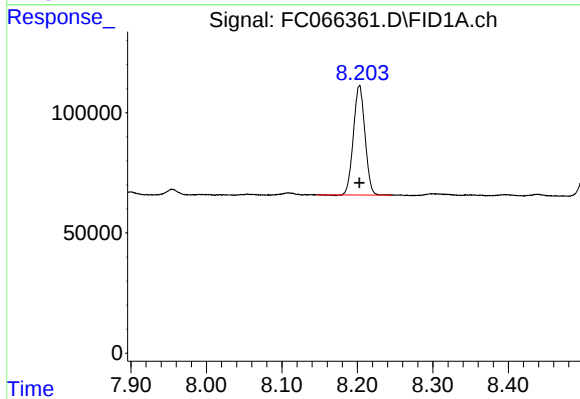
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: 0.001 min
Response: 395091
Conc: 2.57 ug/ml



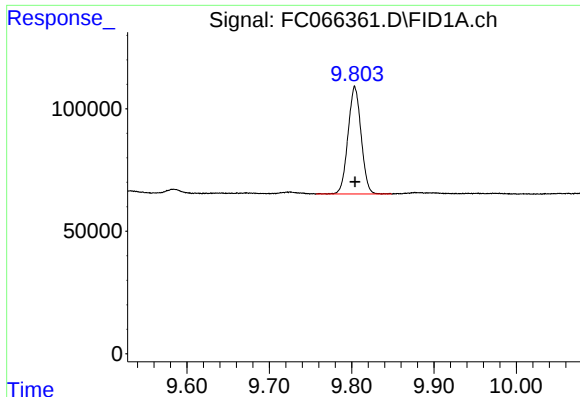
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 542398
Conc: 3.53 ug/ml



#6 n-Tetradecane (C14)

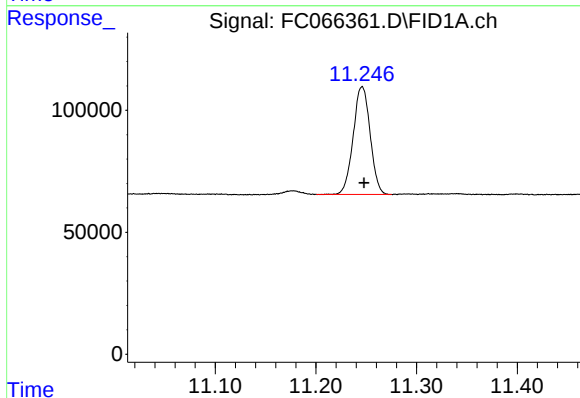
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 486337
Conc: 3.21 ug/ml



#7 n-Hexadecane (C16)

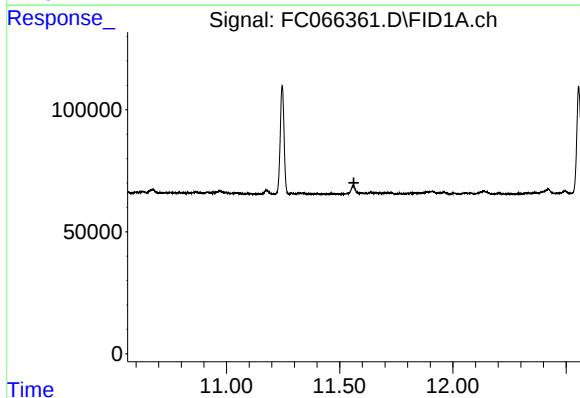
R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 485753
Conc: 3.18 ug/ml

Instrument :
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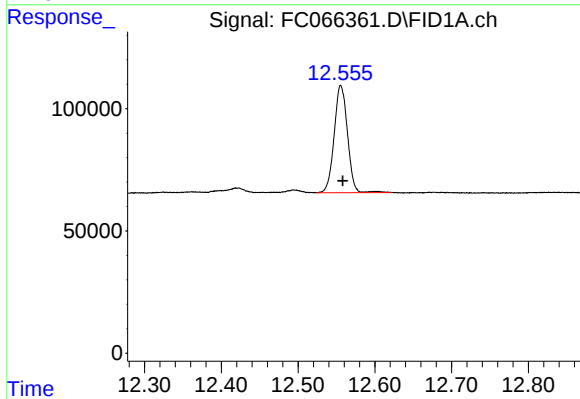
#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: -0.002 min
Response: 516997
Conc: 3.41 ug/ml



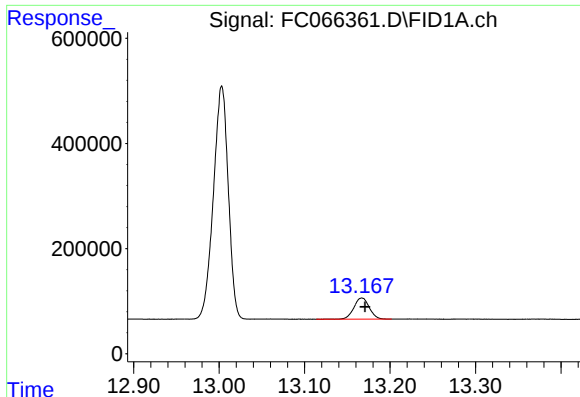
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

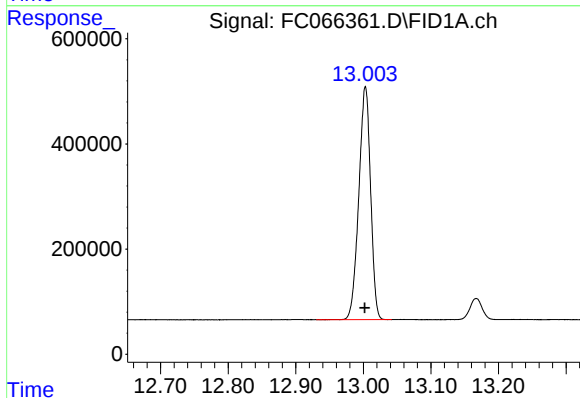
R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 528743
Conc: 3.68 ug/ml



#11 n-Heneicosane (C21)

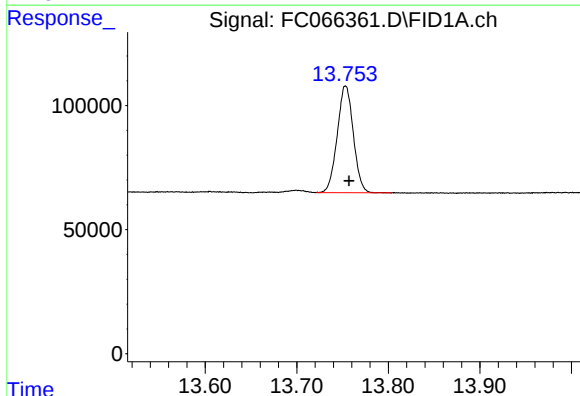
R.T.: 13.167 min
Delta R.T.: -0.004 min
Response: 502510
Conc: 3.57 ug/ml

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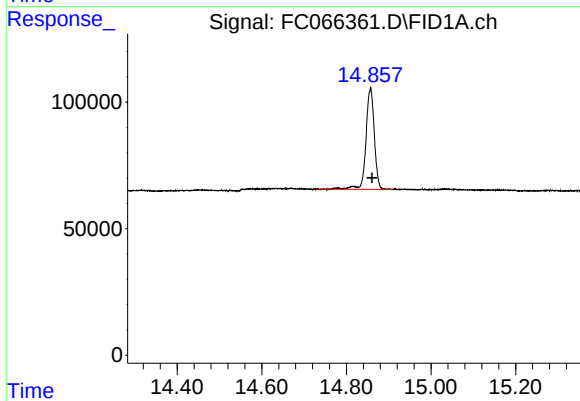
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: 0.000 min
Response: 5367681
Conc: 43.76 ug/ml



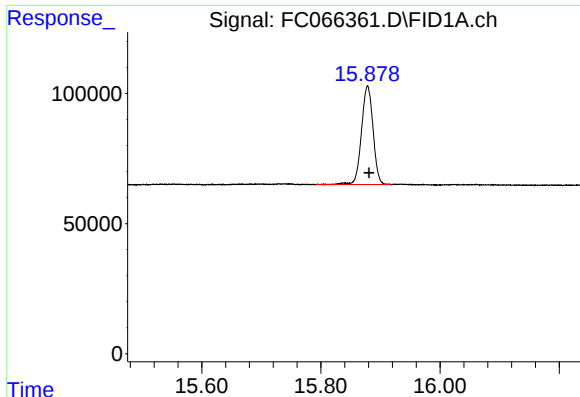
#13 n-Docosane (C22)

R.T.: 13.753 min
Delta R.T.: -0.003 min
Response: 525438
Conc: 3.75 ug/ml



#14 n-Tetracosane (C24)

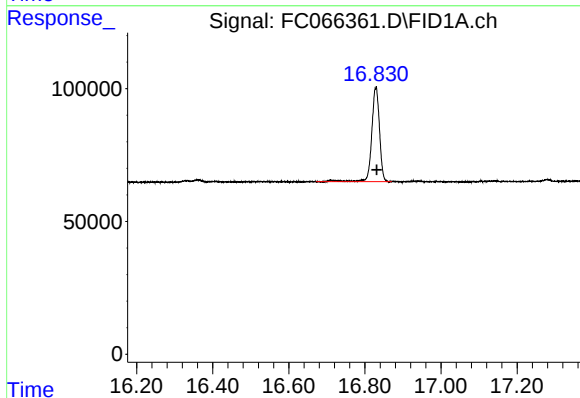
R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 550007
Conc: 3.91 ug/ml



#15 n-Hexacosane (C26)

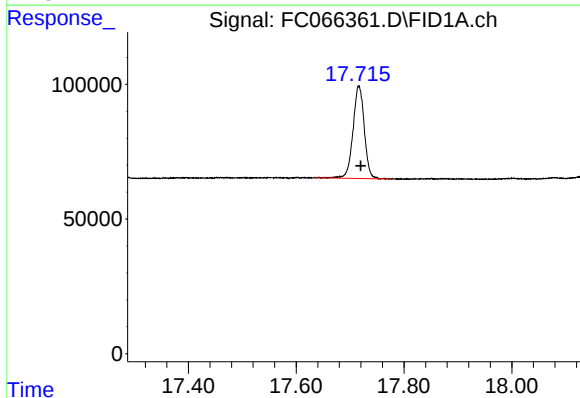
R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 511006
Conc: 3.74 ug/ml

Instrument :
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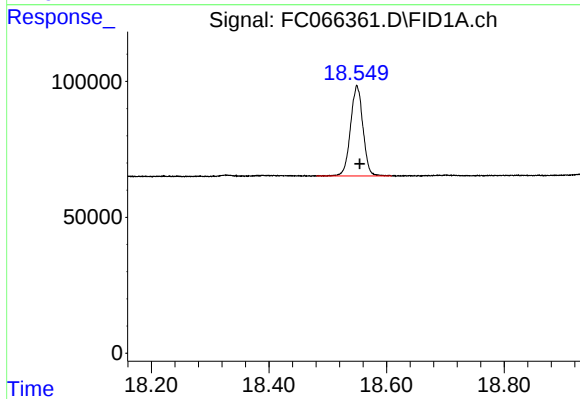
#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.002 min
Response: 505942
Conc: 3.78 ug/ml



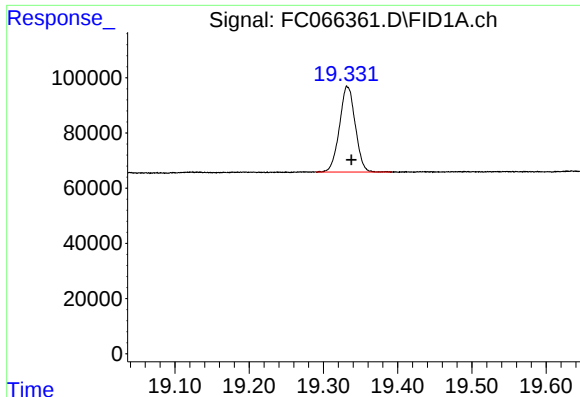
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.003 min
Response: 499800
Conc: 3.71 ug/ml



#18 n-Dotriacontane (C32)

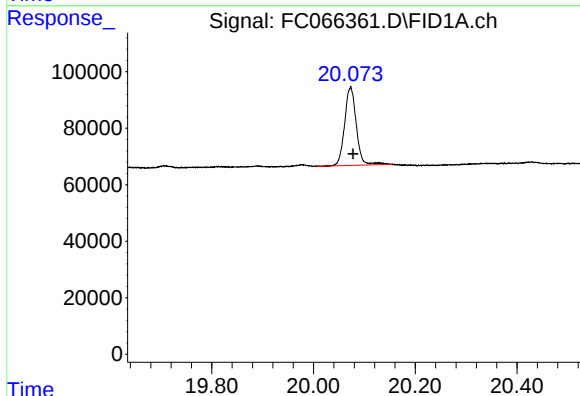
R.T.: 18.550 min
Delta R.T.: -0.004 min
Response: 485596
Conc: 3.77 ug/ml



#19 n-Tetratriacontane (C34)

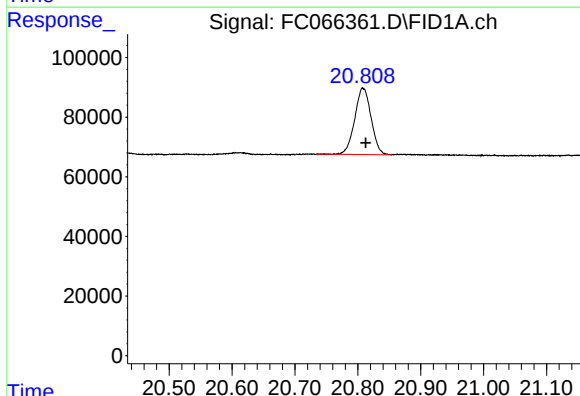
R.T.: 19.333 min
Delta R.T.: -0.005 min
Response: 457598
Conc: 3.87 ug/ml

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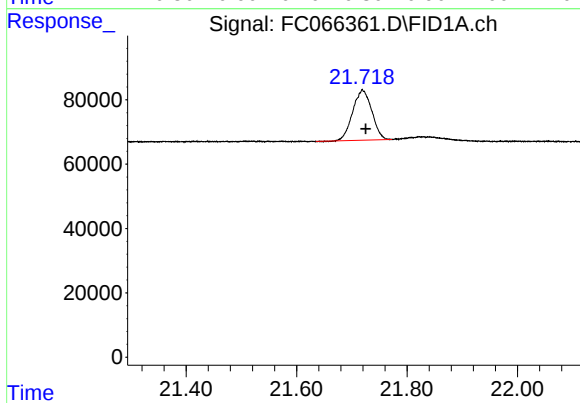
#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: -0.005 min
Response: 441240
Conc: 3.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.004 min
Response: 402560
Conc: 3.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.006 min
Response: 375157
Conc: 3.50 ug/ml