

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061839.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 17:29
 Operator : YP/AJ
 Sample : N4955-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 19 06:35:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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...	13.024	3405752	29.234 ug/ml
Spiked Amount 50.000		Recovery =	58.47%
Target Compounds			
1) T n-Nonane (C9)	3.344	299953	2.132 ug/ml
2) T n-Decane (C10)	4.410	369120	2.586 ug/ml
4) T n-Dodecane (C12)	6.425	469864	3.237 ug/ml
6) T n-Tetradecane (C14)	8.222	460415	3.167 ug/ml
7) T n-Hexadecane (C16)	9.824	454676	3.122 ug/ml
8) T n-Octadecane (C18)	11.266	486701	3.367 ug/ml
10) T n-Eicosane (C20)	12.577	484883	3.436 ug/ml
11) T n-Heneicosane (C21)	13.188	485829	3.501 ug/ml
13) T n-Docosane (C22)	13.775	487124	3.553 ug/ml
14) T n-Tetracosane (C24)	14.878	496267	3.756 ug/ml
15) T n-Hexacosane (C26)	15.899	464424	3.686 ug/ml
16) T n-Octacosane (C28)	16.849	467767	3.878 ug/ml
17) T n-Tricontane (C30)	17.736	488421	4.105 ug/ml
18) T n-Dotriacontane (C32)	18.568	492801	4.183 ug/ml
19) T n-Tetratriacontane (C34)	19.352	468789	4.150 ug/ml
20) T n-Hexatriacontane (C36)	20.091	439481	3.875 ug/ml
21) T n-Octatriacontane (C38)	20.829	412513	3.666 ug/ml
22) T n-Tetracontane (C40)	21.744	384280	3.423 ug/ml

(f)=RT Delta > 1/2 Window

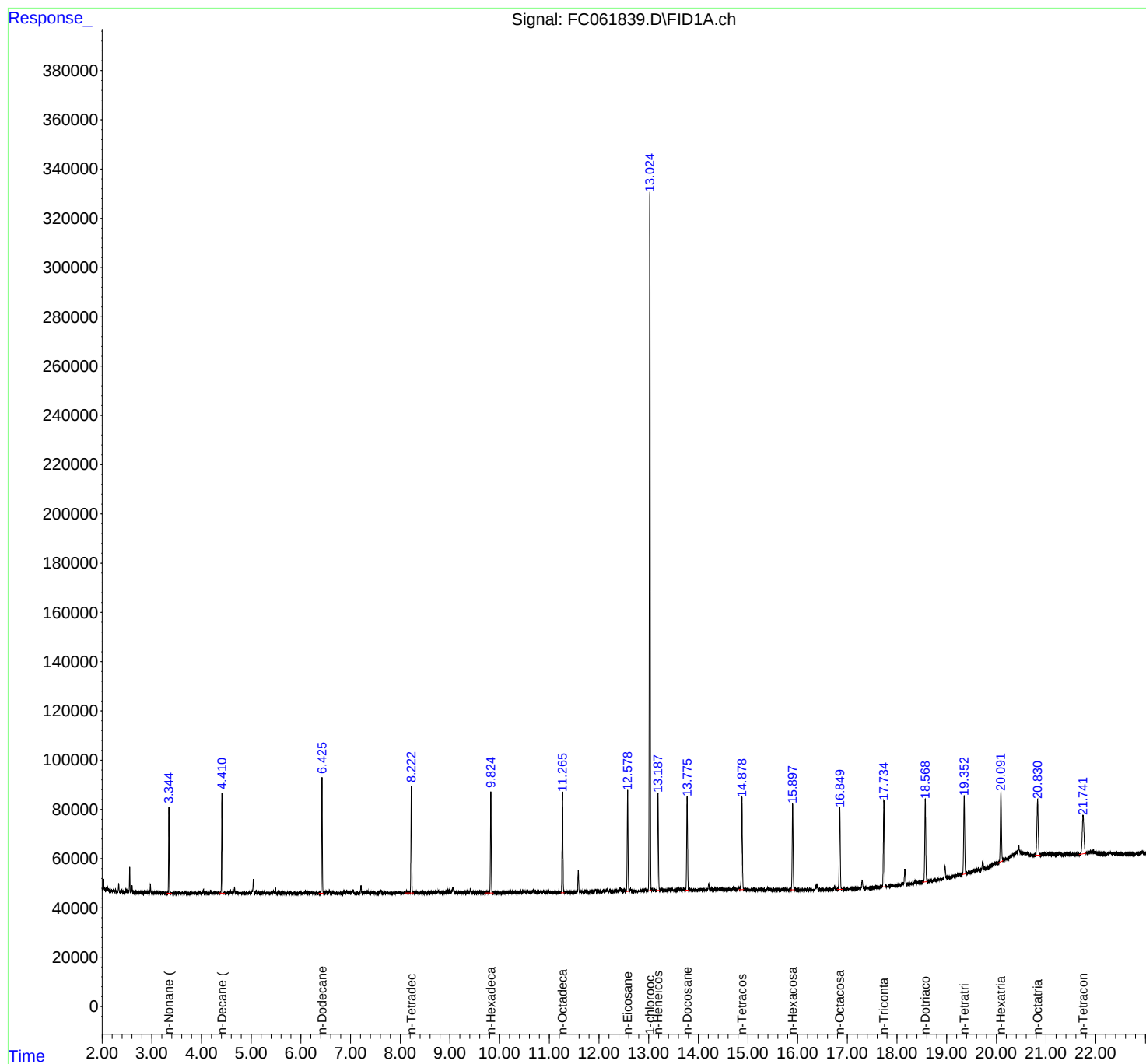
(m)=manual int.

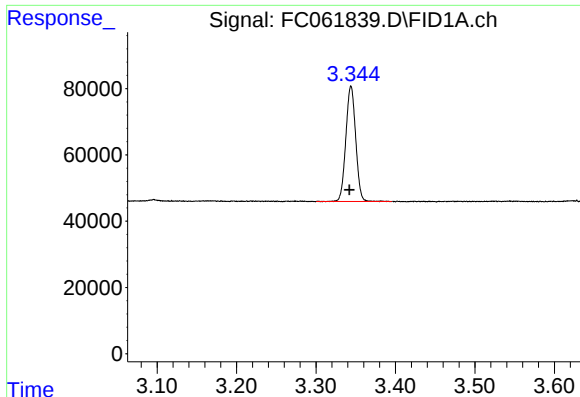
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
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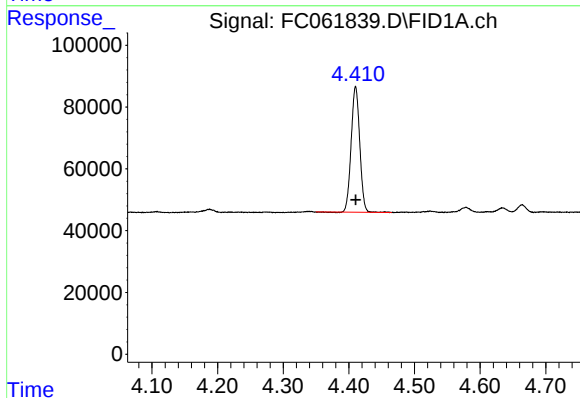




#1 n-Nonane (C9)

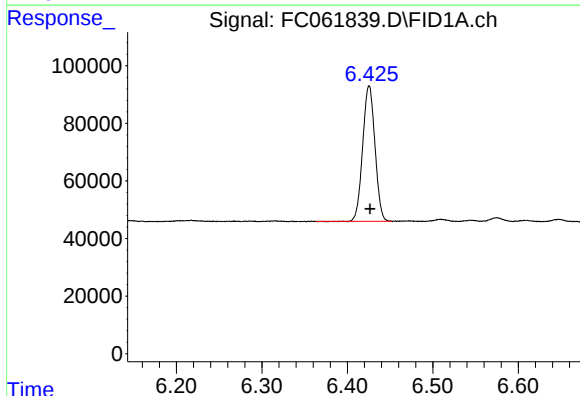
R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 299953
Conc: 2.13 ug/ml

Instrument :
FID_C
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LOD-MDL-SOIL-01-QT4-2022



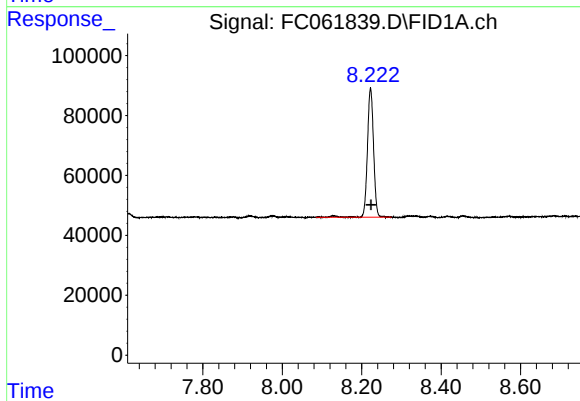
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 369120
Conc: 2.59 ug/ml



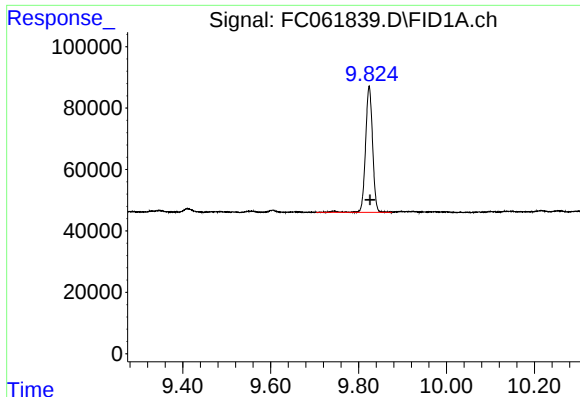
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.001 min
Response: 469864
Conc: 3.24 ug/ml



#6 n-Tetradecane (C14)

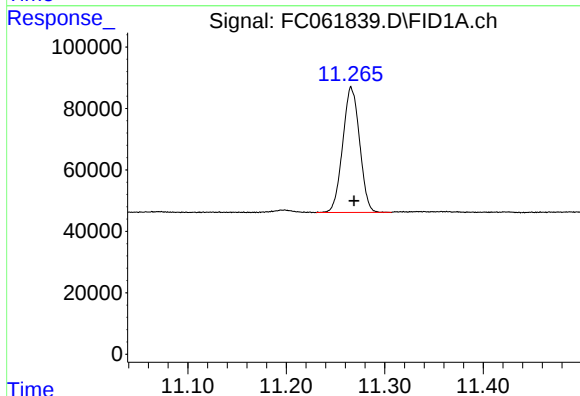
R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 460415
Conc: 3.17 ug/ml



#7 n-Hexadecane (C16)

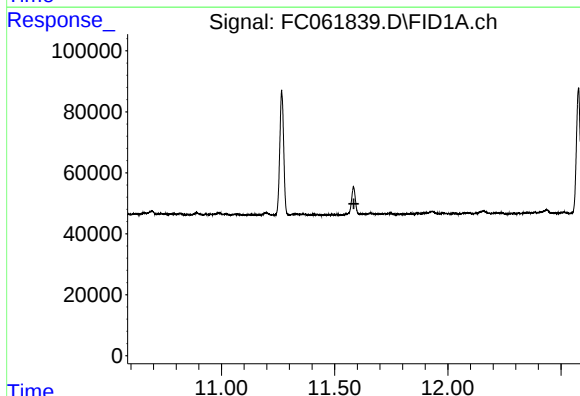
R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 454676
Conc: 3.12 ug/ml

Instrument :
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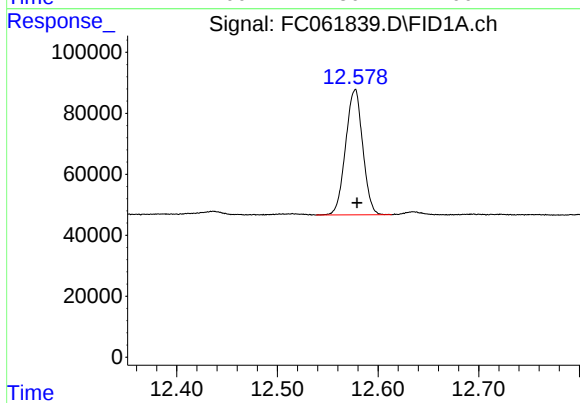
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.003 min
Response: 486701
Conc: 3.37 ug/ml



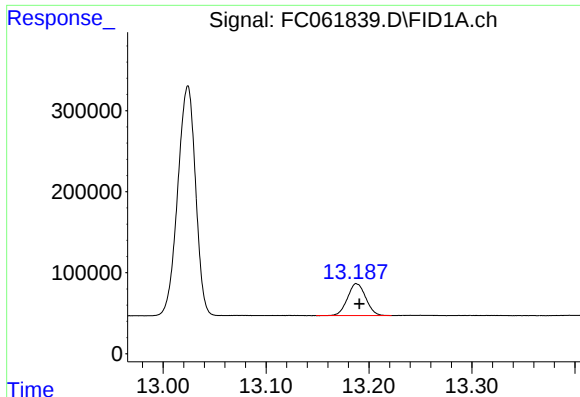
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

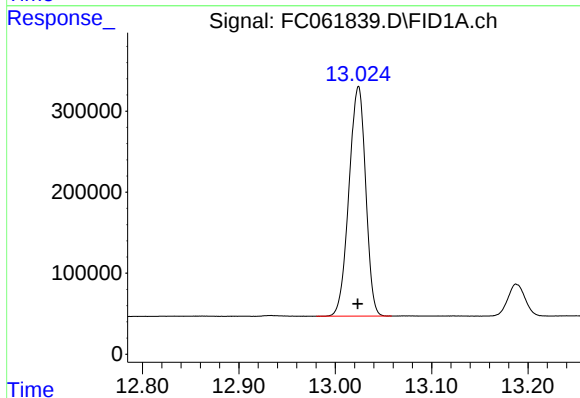
R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 484883
Conc: 3.44 ug/ml



#11 n-Heneicosane (C21)

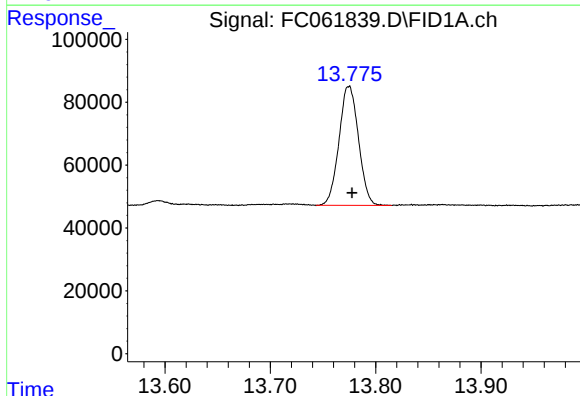
R.T.: 13.188 min
Delta R.T.: -0.003 min
Response: 485829
Conc: 3.50 ug/ml

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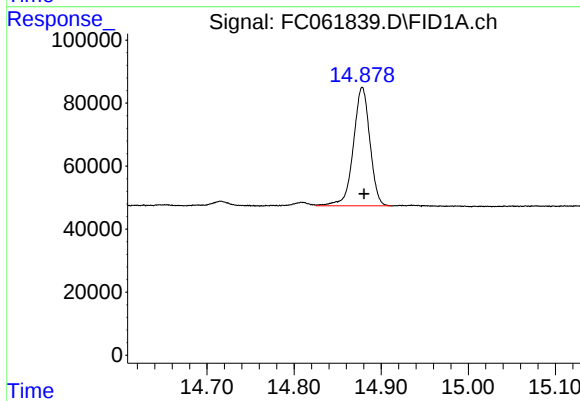
#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 3405752
Conc: 29.23 ug/ml



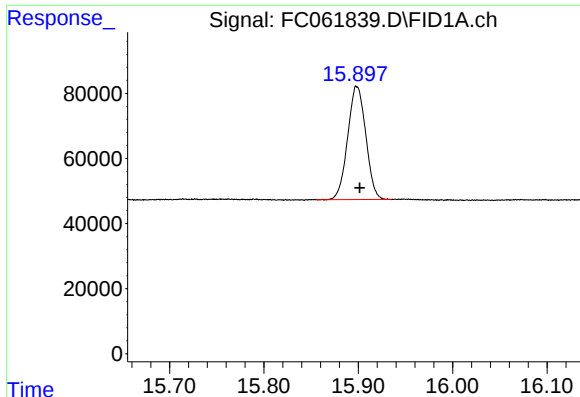
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.003 min
Response: 487124
Conc: 3.55 ug/ml



#14 n-Tetracosane (C24)

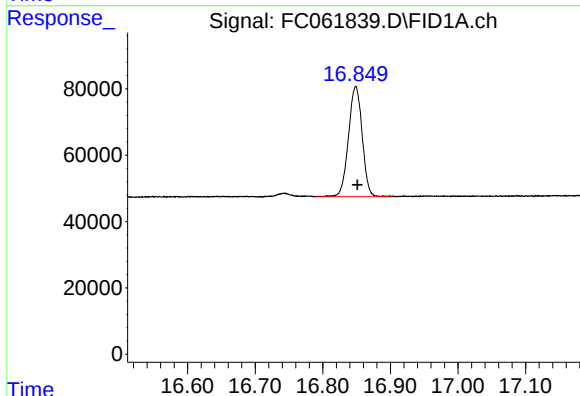
R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 496267
Conc: 3.76 ug/ml



#15 n-Hexacosane (C26)

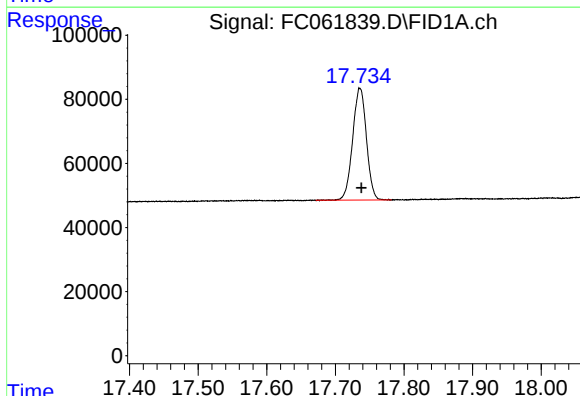
R.T.: 15.899 min
Delta R.T.: -0.003 min
Response: 464424
Conc: 3.69 ug/ml

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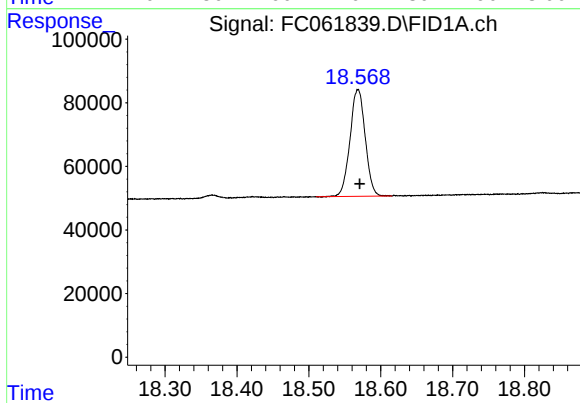
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 467767
Conc: 3.88 ug/ml



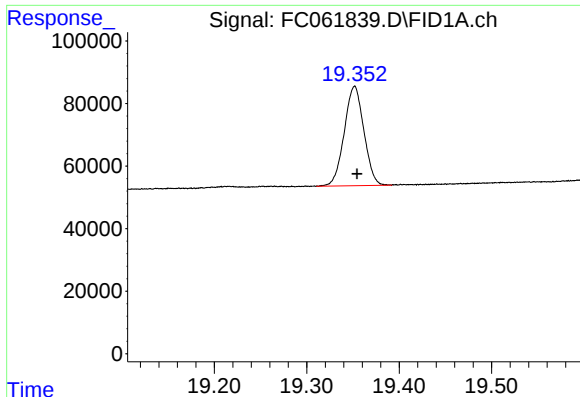
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.002 min
Response: 488421
Conc: 4.10 ug/ml



#18 n-Dotriacontane (C32)

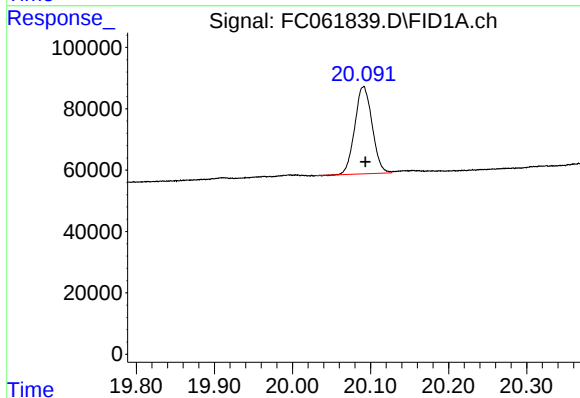
R.T.: 18.568 min
Delta R.T.: -0.003 min
Response: 492801
Conc: 4.18 ug/ml



#19 n-Tetratriacontane (C34)

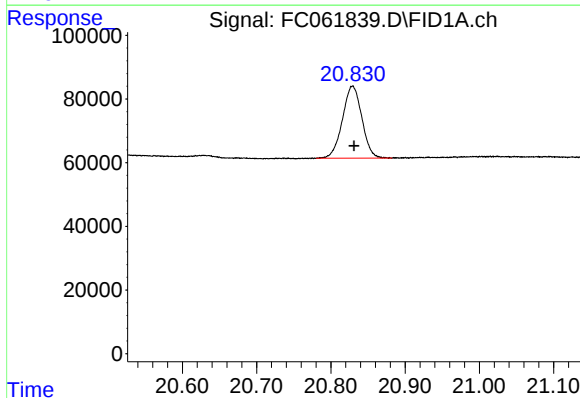
R.T.: 19.352 min
Delta R.T.: -0.003 min
Response: 468789
Conc: 4.15 ug/ml

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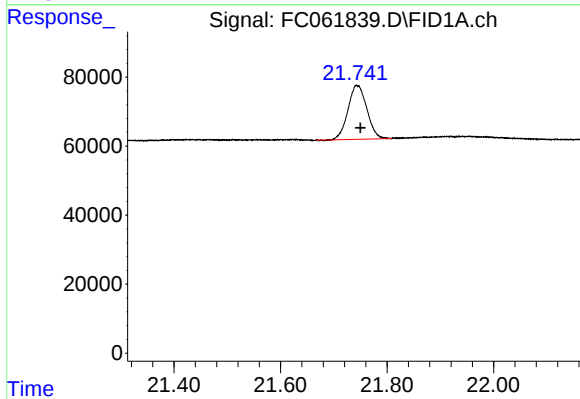
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.003 min
Response: 439481
Conc: 3.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.002 min
Response: 412513
Conc: 3.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: -0.006 min
Response: 384280
Conc: 3.42 ug/ml