

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101822AL\
 Data File : FC061838.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2022 16:44
 Operator : YP/AJ
 Sample : N4955-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 10 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Oct 19 06:35:11 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	3526396	30.269 ug/ml
Spiked Amount 50.000		Recovery =	60.54%
Target Compounds			
1) T n-Nonane (C9)	3.345	202393	1.439 ug/ml
2) T n-Decane (C10)	4.410	258394	1.810 ug/ml
4) T n-Dodecane (C12)	6.426	343113	2.364 ug/ml
6) T n-Tetradecane (C14)	8.222	317393	2.183 ug/ml
7) T n-Hexadecane (C16)	9.824	310351	2.131 ug/ml
8) T n-Octadecane (C18)	11.266	324923	2.248 ug/ml
10) T n-Eicosane (C20)	12.576	323277	2.291 ug/ml
11) T n-Heneicosane (C21)	13.189	320272	2.308 ug/ml
13) T n-Docosane (C22)	13.775	343481	2.505 ug/ml
14) T n-Tetracosane (C24)	14.878	405065	3.066 ug/ml
15) T n-Hexacosane (C26)	15.900	380341	3.018 ug/ml
16) T n-Octacosane (C28)	16.849	390619	3.239 ug/ml
17) T n-Tricontane (C30)	17.736	447495	3.761 ug/ml
18) T n-Dotriacontane (C32)	18.570	429742	3.647 ug/ml
19) T n-Tetratriacontane (C34)	19.353	375950	3.328 ug/ml
20) T n-Hexatriacontane (C36)	20.092	334937	2.953 ug/ml
21) T n-Octatriacontane (C38)	20.829	304820	2.709 ug/ml
22) T n-Tetracontane (C40)	21.744	279111	2.486 ug/ml

(f)=RT Delta > 1/2 Window

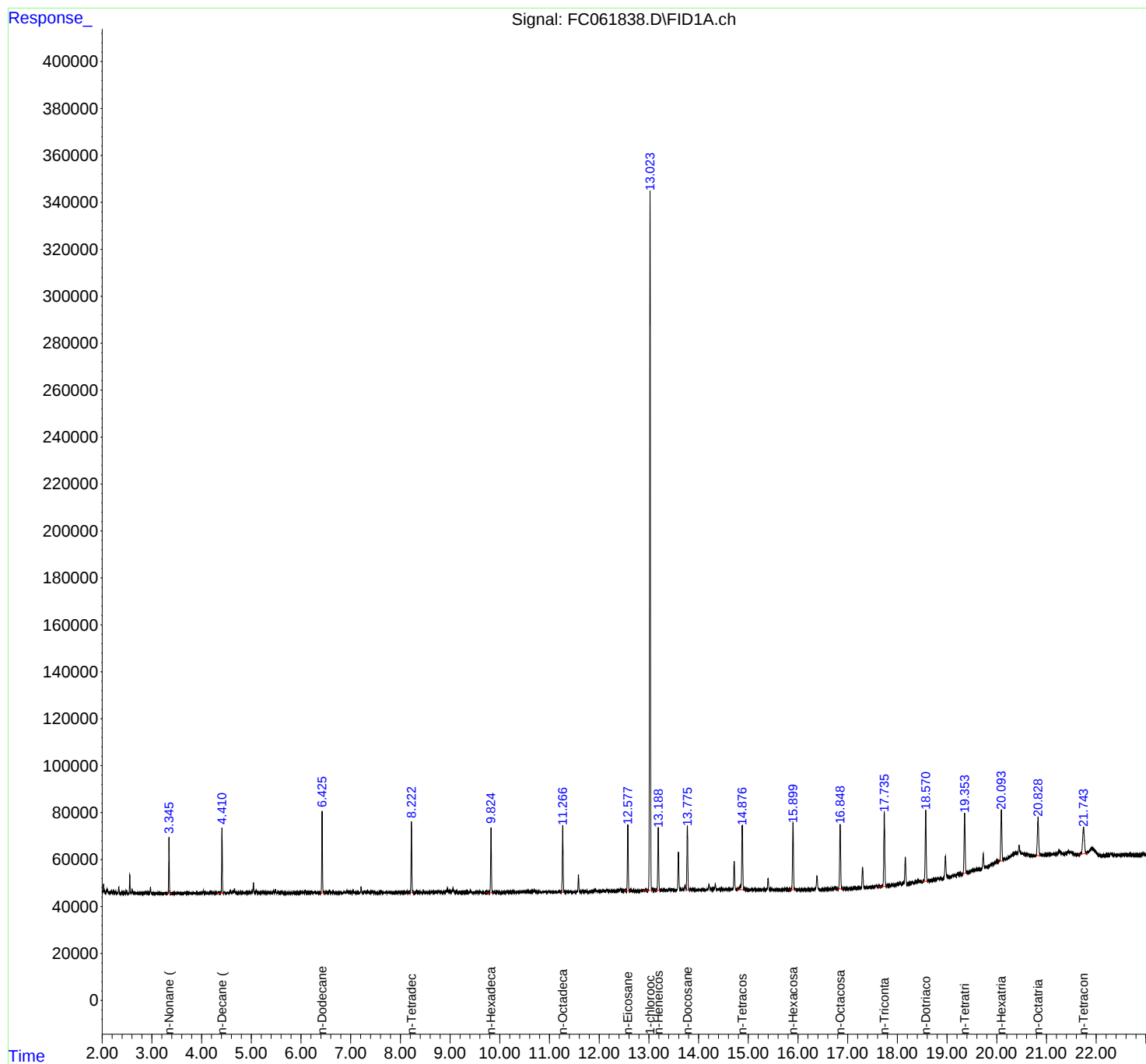
(m)=manual int.

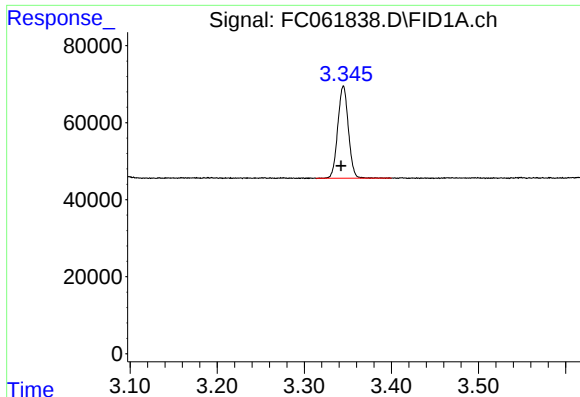
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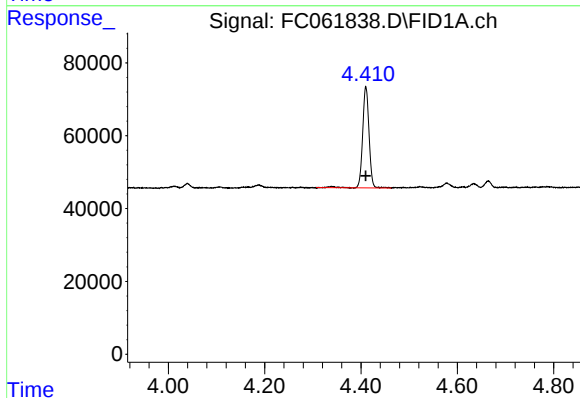




#1 n-Nonane (C9)

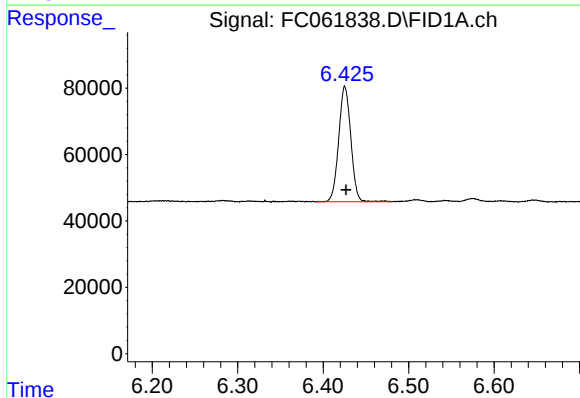
R.T.: 3.345 min
Delta R.T.: 0.003 min
Response: 202393
Conc: 1.44 ug/ml

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



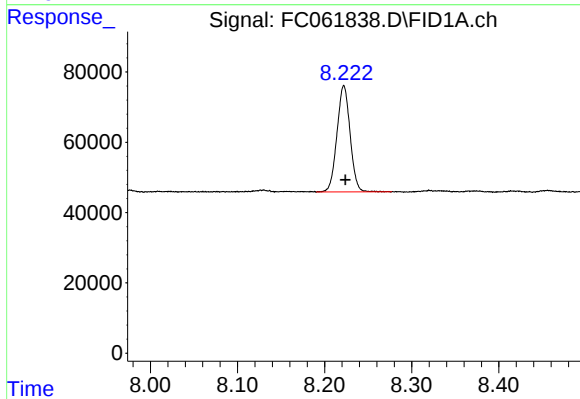
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 258394
Conc: 1.81 ug/ml



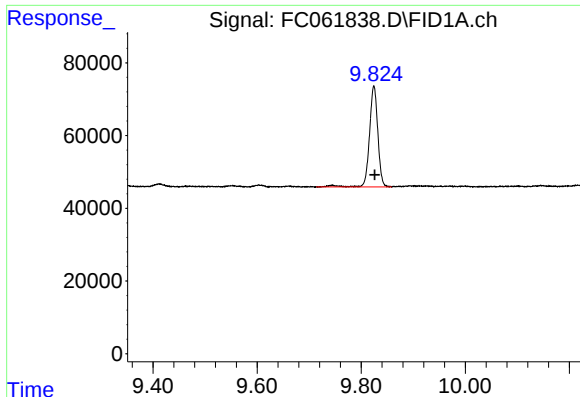
#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.001 min
Response: 343113
Conc: 2.36 ug/ml



#6 n-Tetradecane (C14)

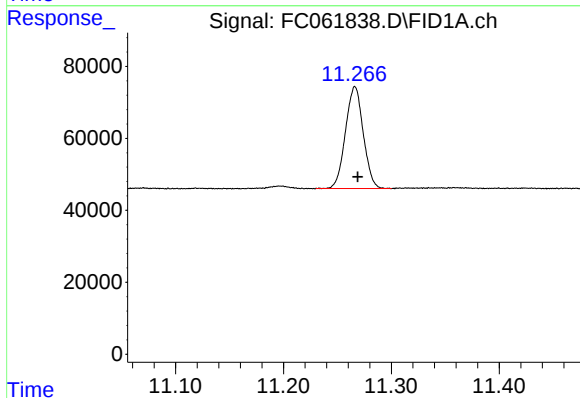
R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 317393
Conc: 2.18 ug/ml



#7 n-Hexadecane (C16)

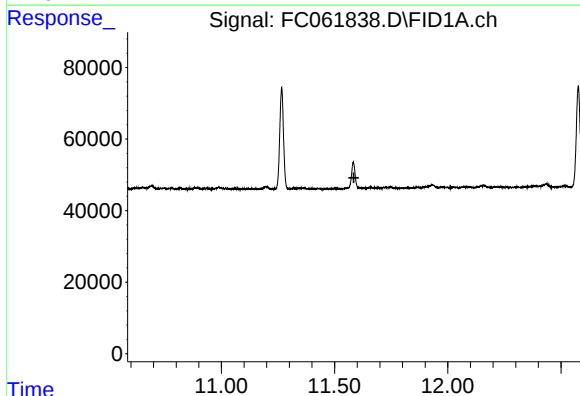
R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 310351
Conc: 2.13 ug/ml

Instrument :
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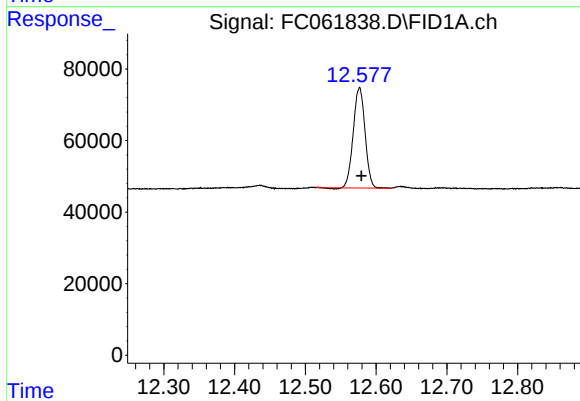
#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: -0.003 min
Response: 324923
Conc: 2.25 ug/ml



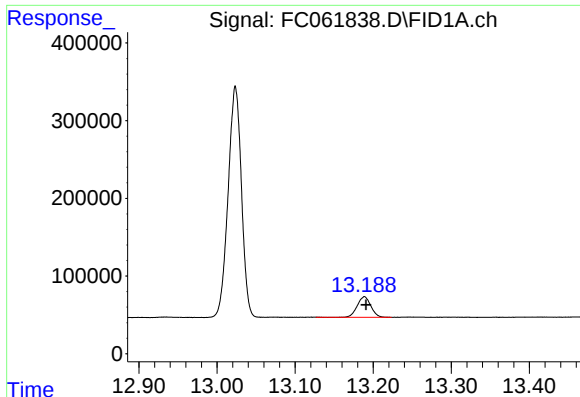
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

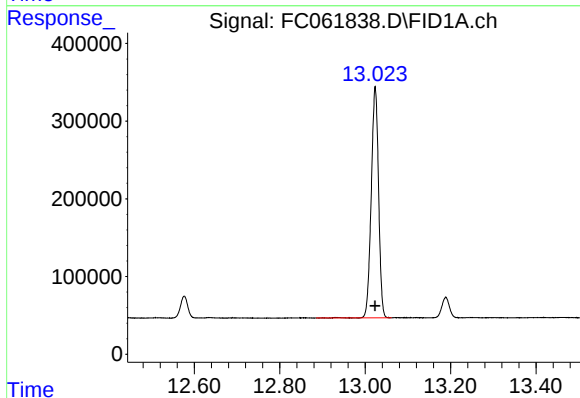
R.T.: 12.576 min
Delta R.T.: -0.003 min
Response: 323277
Conc: 2.29 ug/ml



#11 n-Heneicosane (C21)

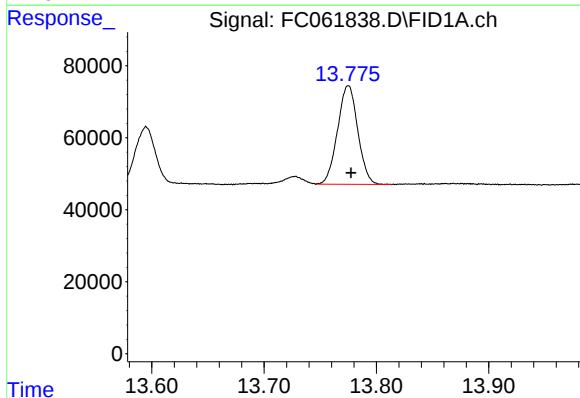
R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 320272
Conc: 2.31 ug/ml

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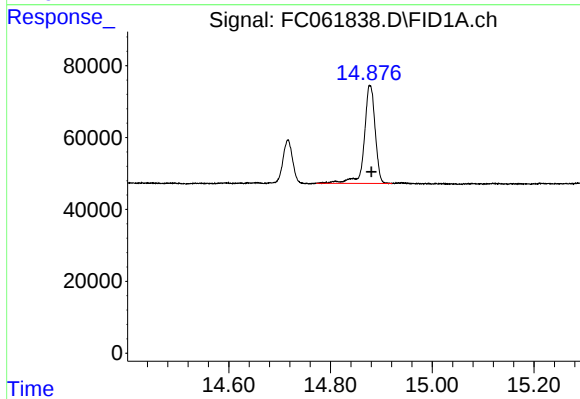
#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 3526396
Conc: 30.27 ug/ml



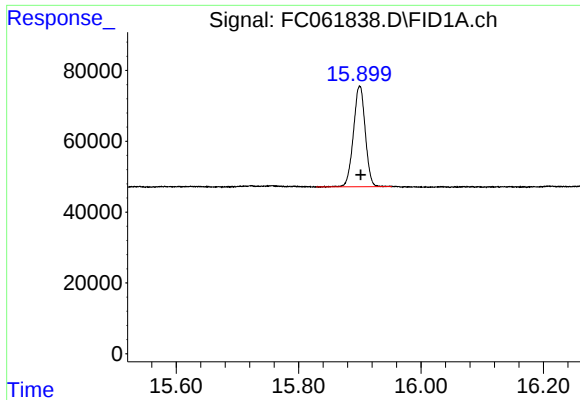
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.003 min
Response: 343481
Conc: 2.51 ug/ml



#14 n-Tetracosane (C24)

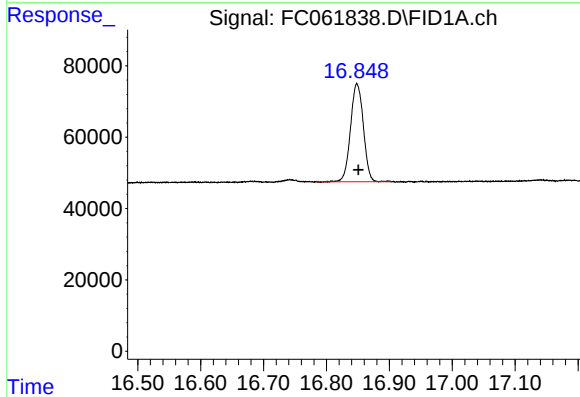
R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 405065
Conc: 3.07 ug/ml



#15 n-Hexacosane (C26)

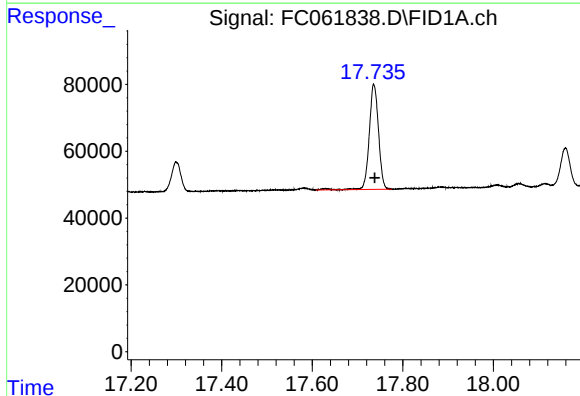
R.T.: 15.900 min
Delta R.T.: -0.002 min
Response: 380341
Conc: 3.02 ug/ml

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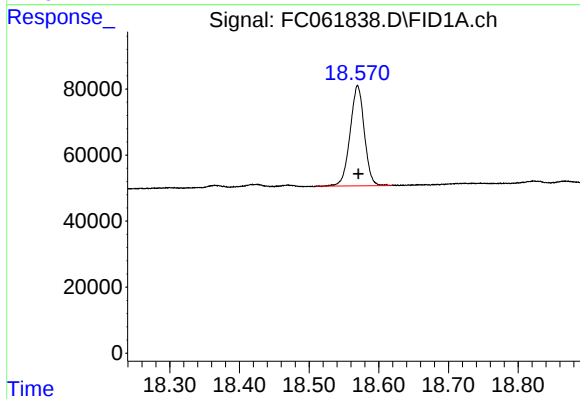
#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 390619
Conc: 3.24 ug/ml



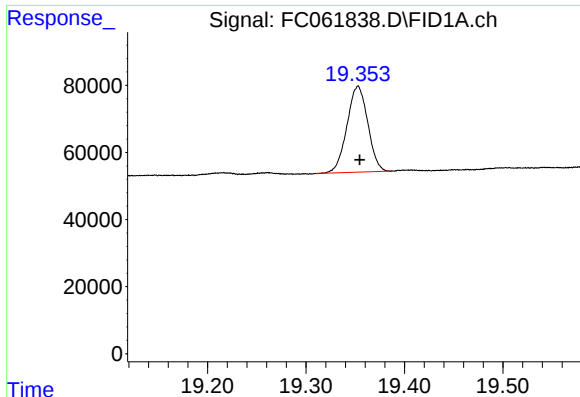
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.002 min
Response: 447495
Conc: 3.76 ug/ml



#18 n-Dotriacontane (C32)

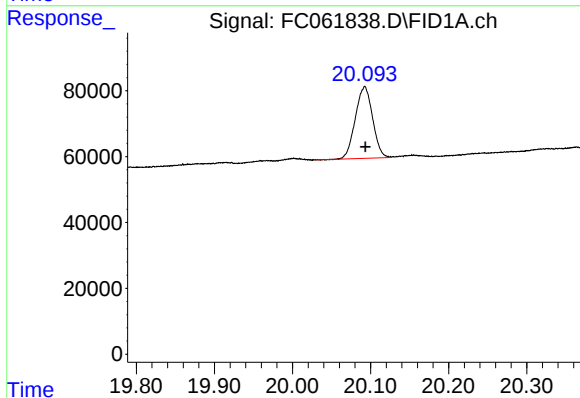
R.T.: 18.570 min
Delta R.T.: -0.001 min
Response: 429742
Conc: 3.65 ug/ml



#19 n-Tetratriacontane (C34)

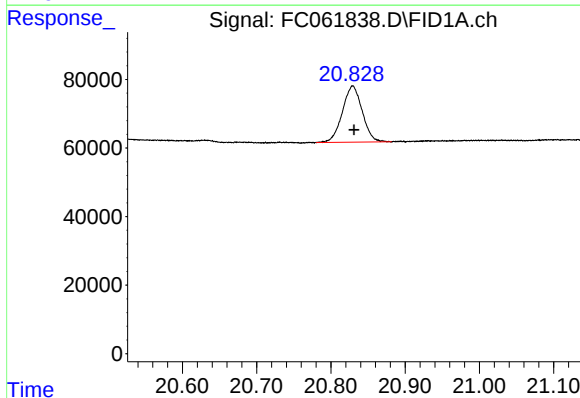
R.T.: 19.353 min
Delta R.T.: -0.002 min
Response: 375950
Conc: 3.33 ug/ml

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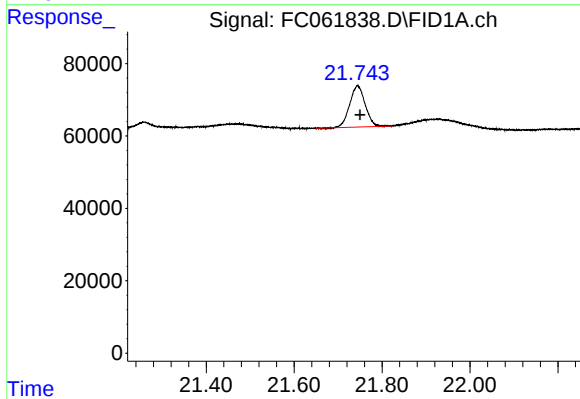
#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.001 min
Response: 334937
Conc: 2.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.002 min
Response: 304820
Conc: 2.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: -0.006 min
Response: 279111
Conc: 2.49 ug/ml