

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
 Data File : FC061751.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2022 12:17
 Operator : YP/AJ
 Sample : N4955-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 06:18:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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...	13.019	3769505	27.593 ug/ml
Spiked Amount 50.000		Recovery =	55.19%
Target Compounds			
1) T n-Nonane (C9)	3.342	187988	1.259 ug/ml
2) T n-Decane (C10)	4.409	242131	1.605 ug/ml
4) T n-Dodecane (C12)	6.424	342683	2.254 ug/ml
6) T n-Tetradecane (C14)	8.221	341791	2.242 ug/ml
7) T n-Hexadecane (C16)	9.821	303868	1.965 ug/ml
8) T n-Octadecane (C18)	11.263	318576	2.021 ug/ml
10) T n-Eicosane (C20)	12.572	316875	1.988 ug/ml
11) T n-Heneicosane (C21)	13.184	316307	1.972 ug/ml
13) T n-Docosane (C22)	13.769	345837	2.153 ug/ml
14) T n-Tetracosane (C24)	14.872	390003	2.435 ug/ml
15) T n-Hexacosane (C26)	15.893	410257	2.588 ug/ml
16) T n-Octacosane (C28)	16.841	438772	2.831 ug/ml
17) T n-Tricontane (C30)	17.728	484656	3.149 ug/ml
18) T n-Dotriacontane (C32)	18.561	458740	3.034 ug/ml
19) T n-Tetratriacontane (C34)	19.344	381410	2.690 ug/ml
20) T n-Hexatriacontane (C36)	20.084	316762	2.294 ug/ml
21) T n-Octatriacontane (C38)	20.818	270540	2.089 ug/ml
22) T n-Tetracontane (C40)	21.730	232654	1.904 ug/ml

(f)=RT Delta > 1/2 Window

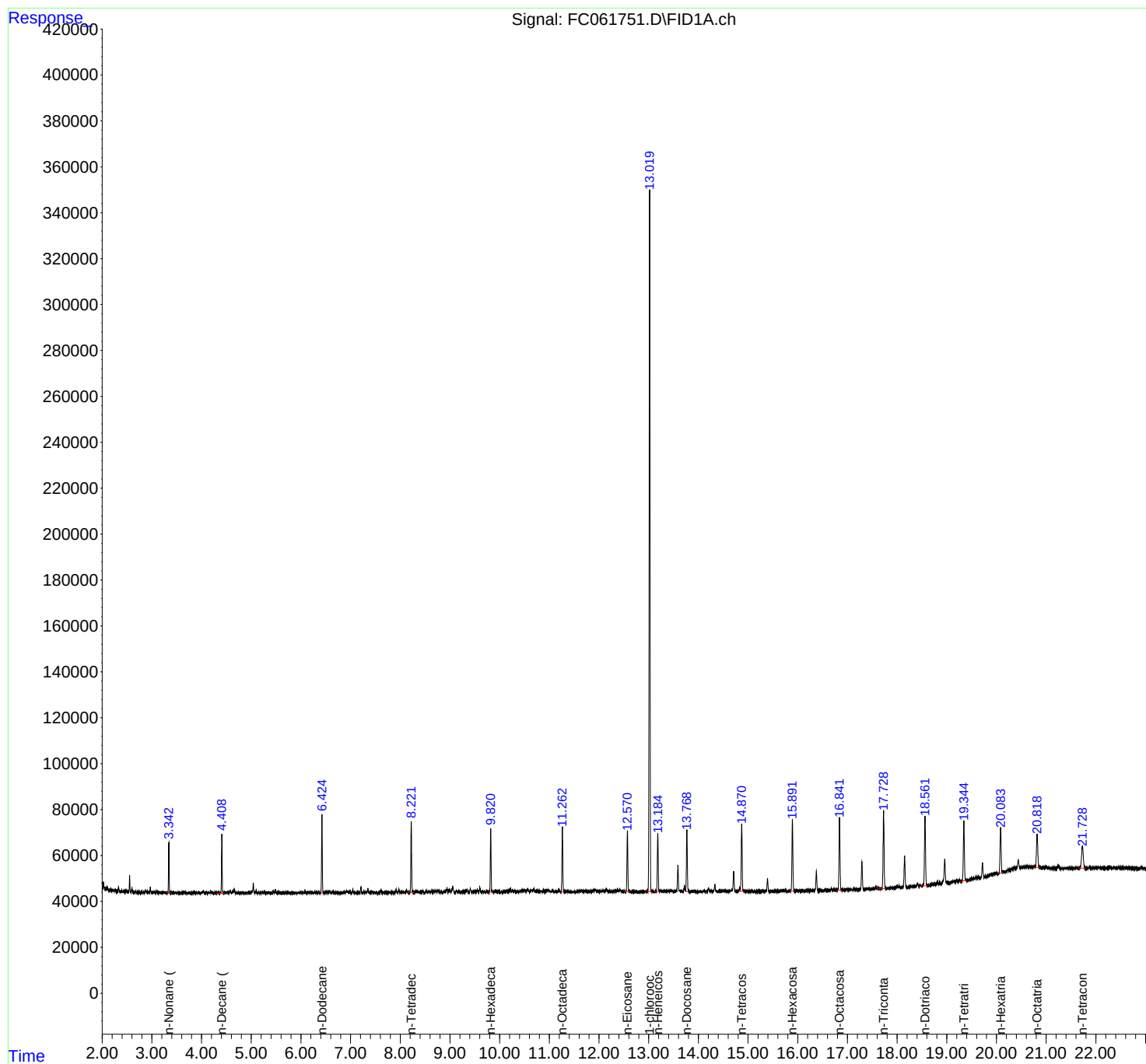
(m)=manual int.

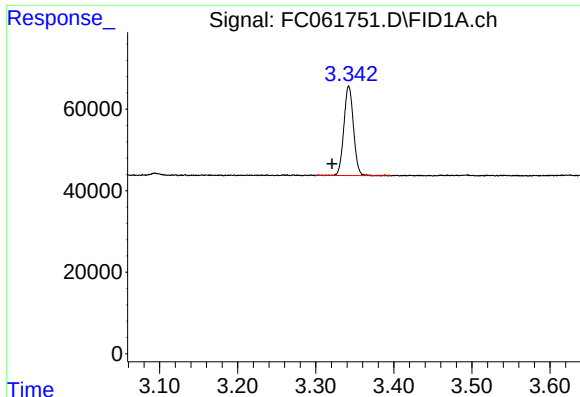
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
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Signal Info : 20M x 0.18mm x 0.18um

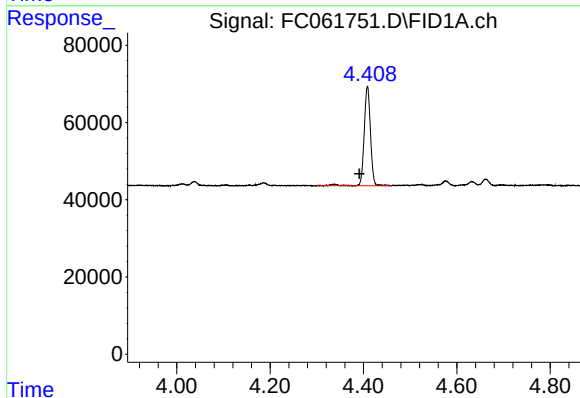




#1 n-Nonane (C9)

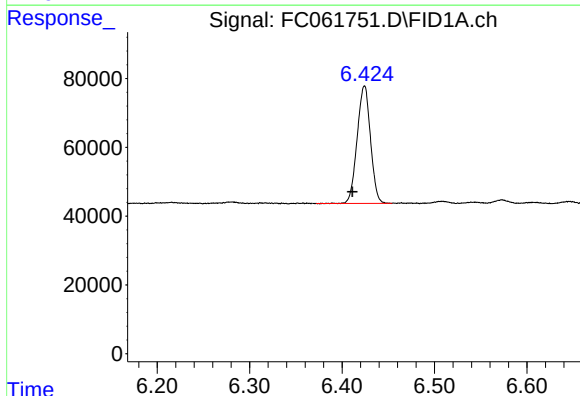
R.T.: 3.342 min
Delta R.T.: 0.021 min
Response: 187988
Conc: 1.26 ug/ml

Instrument :
FID_C
ClientSampleId :



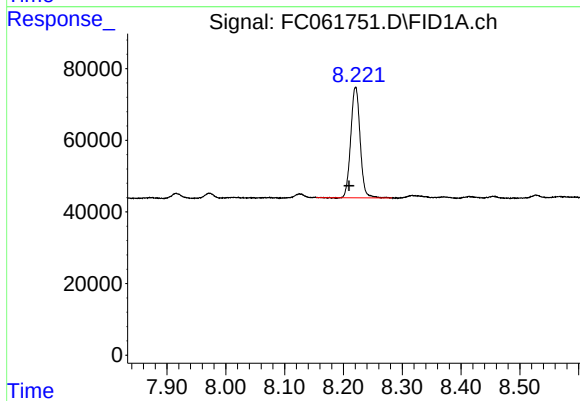
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.017 min
Response: 242131
Conc: 1.61 ug/ml



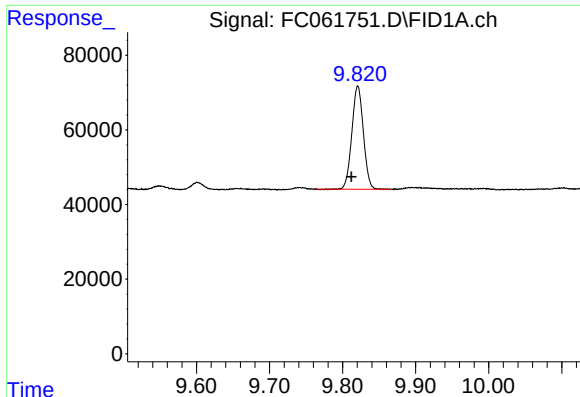
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: 0.013 min
Response: 342683
Conc: 2.25 ug/ml



#6 n-Tetradecane (C14)

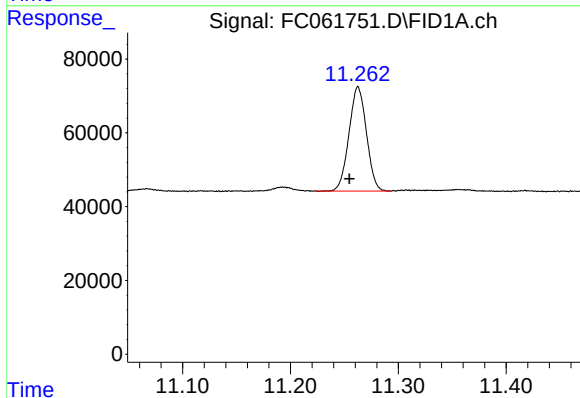
R.T.: 8.221 min
Delta R.T.: 0.011 min
Response: 341791
Conc: 2.24 ug/ml



#7 n-Hexadecane (C16)

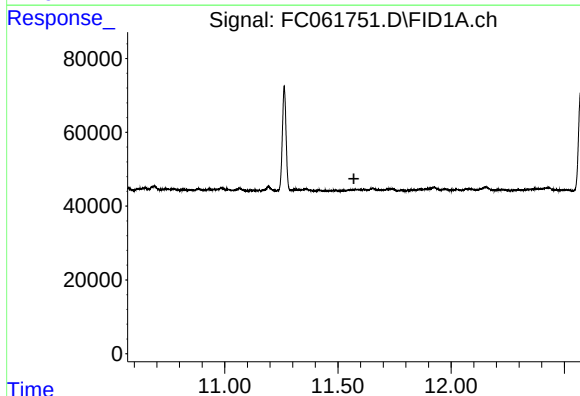
R.T.: 9.821 min
Delta R.T.: 0.009 min
Response: 303868
Conc: 1.97 ug/ml

Instrument :
FID_C
ClientSampleId :



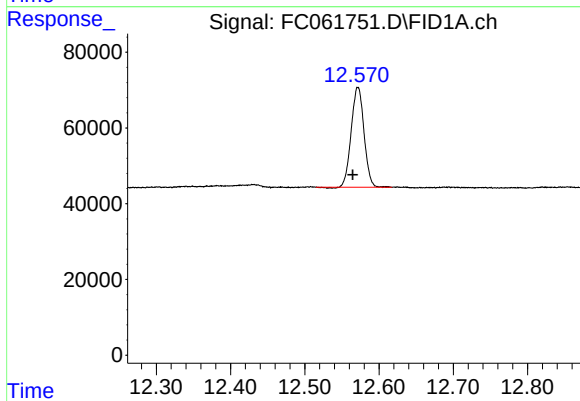
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: 0.008 min
Response: 318576
Conc: 2.02 ug/ml



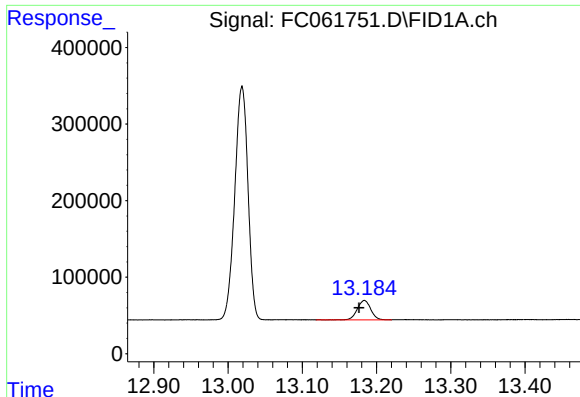
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.571 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

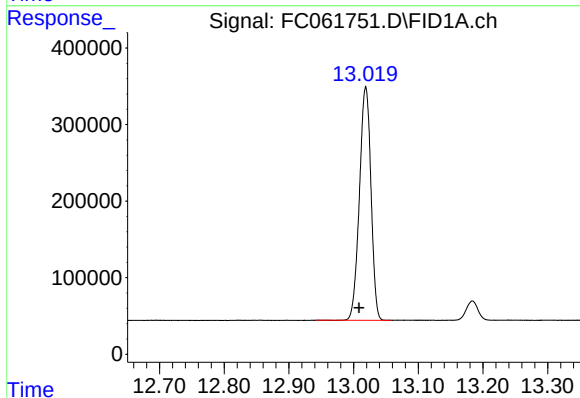
R.T.: 12.572 min
Delta R.T.: 0.007 min
Response: 316875
Conc: 1.99 ug/ml



#11 n-Heneicosane (C21)

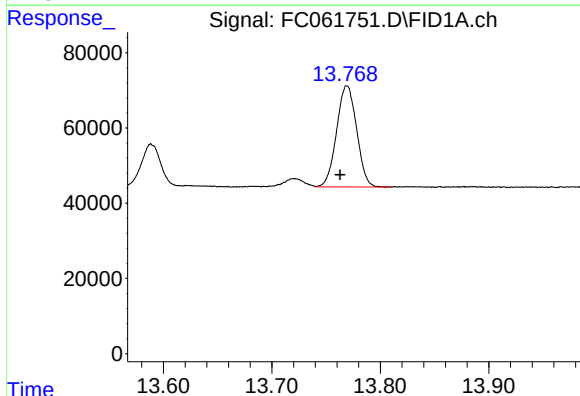
R.T.: 13.184 min
Delta R.T.: 0.007 min
Response: 316307
Conc: 1.97 ug/ml

Instrument :
FID_C
ClientSampleId :



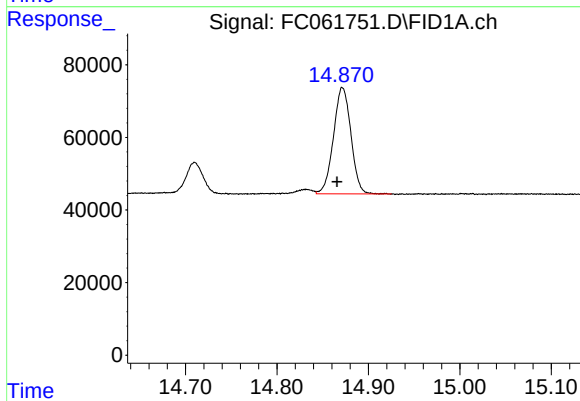
#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: 0.010 min
Response: 3769505
Conc: 27.59 ug/ml



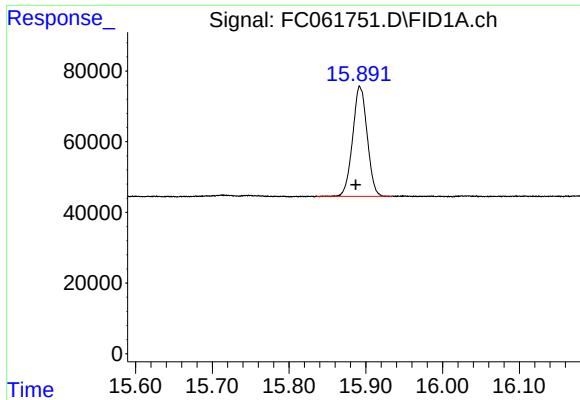
#13 n-Docosane (C22)

R.T.: 13.769 min
Delta R.T.: 0.006 min
Response: 345837
Conc: 2.15 ug/ml



#14 n-Tetracosane (C24)

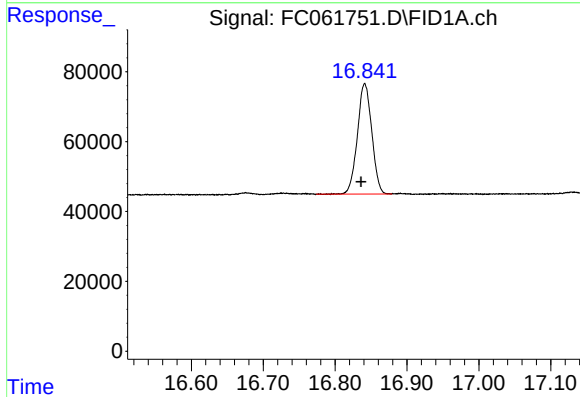
R.T.: 14.872 min
Delta R.T.: 0.006 min
Response: 390003
Conc: 2.43 ug/ml



#15 n-Hexacosane (C26)

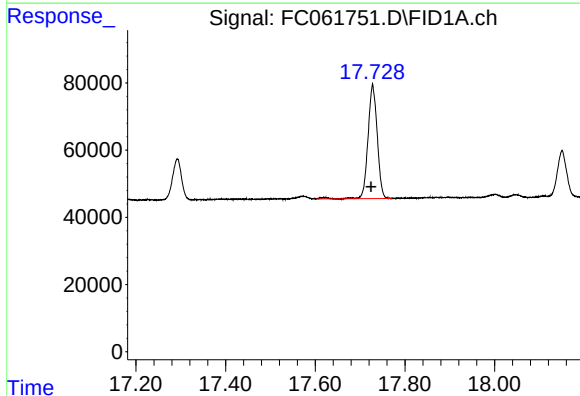
R.T.: 15.893 min
Delta R.T.: 0.006 min
Response: 410257
Conc: 2.59 ug/ml

Instrument :
FID_C
ClientSampleId :



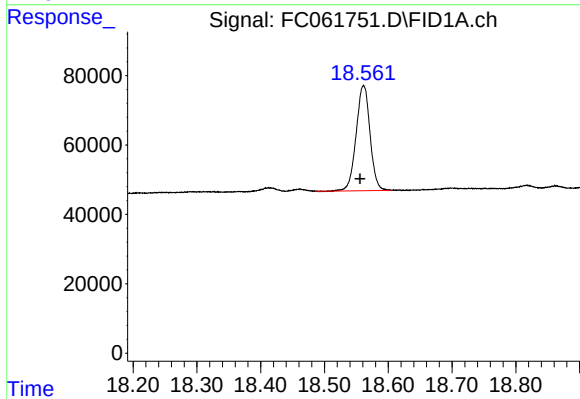
#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.005 min
Response: 438772
Conc: 2.83 ug/ml



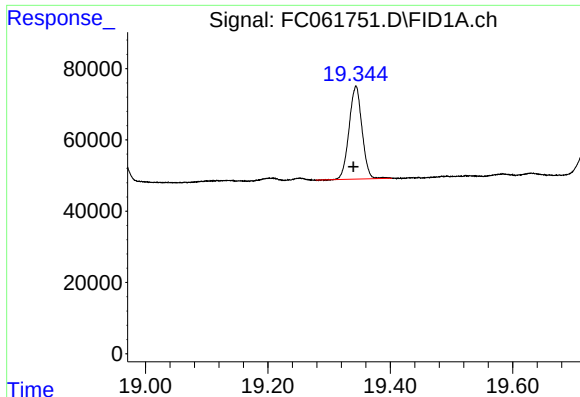
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.004 min
Response: 484656
Conc: 3.15 ug/ml



#18 n-Dotriacontane (C32)

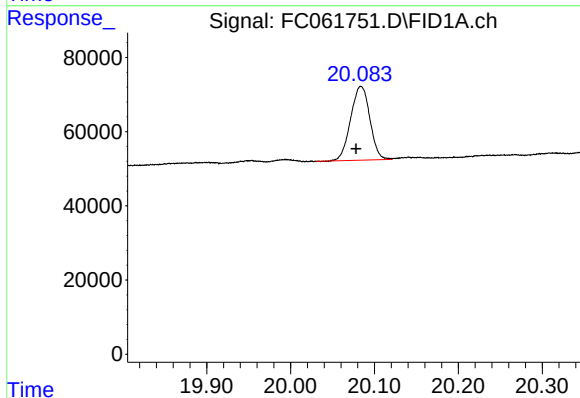
R.T.: 18.561 min
Delta R.T.: 0.006 min
Response: 458740
Conc: 3.03 ug/ml



#19 n-Tetratriacontane (C34)

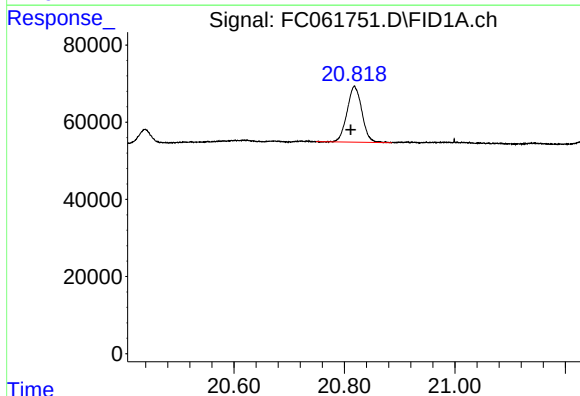
R.T.: 19.344 min
Delta R.T.: 0.004 min
Response: 381410
Conc: 2.69 ug/ml

Instrument :
FID_C
ClientSampleId :



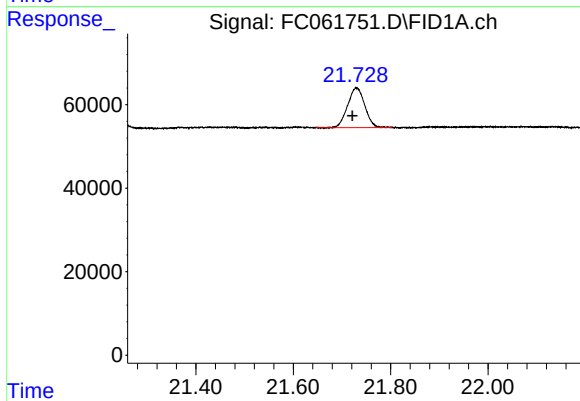
#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.006 min
Response: 316762
Conc: 2.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: 0.007 min
Response: 270540
Conc: 2.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: 0.009 min
Response: 232654
Conc: 1.90 ug/ml