

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101023AL\
 Data File : FE044760.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2023 15:17
 Operator : YP\AJ
 Sample : 04812-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 11 03:14:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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			
9) S ortho-Terphenyl (SURR)	11.917	5581391	29.730 ug/ml
Spiked Amount 50.000		Recovery =	59.46%
12) S 1-chlorooctadecane (S...	13.360	6546077	48.118 ug/ml
Spiked Amount 50.000		Recovery =	96.24%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.251	91474	0.512 ug/ml
5) T A~2-methylnaphthalene...	7.347	38751	0.226 ug/ml
7) T n-Hexadecane (C16)	10.158	187448	1.106 ug/ml
8) T n-Octadecane (C18)	11.595	189065	1.114 ug/ml
10) T n-Eicosane (C20)	12.904	905135	5.626 ug/ml
11) T n-Heneicosane (C21)	13.536	1089774	6.960 ug/ml
13) T n-Docosane (C22)	14.138	3275418	21.237 ug/ml
14) T n-Tetracosane (C24)	15.213	12990921	85.938 ug/ml
15) T n-Hexacosane (C26)	16.256	2127444	14.463 ug/ml
16) T n-Octacosane (C28)	17.179	901267	6.284 ug/ml
17) T n-Tricontane (C30)	18.099	1184754	7.992 ug/ml
18) T n-Dotriacontane (C32)	18.931	677875	4.579 ug/ml
19) T n-Tetratriacontane (C34)	19.705	461678	3.159 ug/ml
20) T n-Hexatriacontane (C36)	20.420	703025	4.847 ug/ml
21) T n-Octatriacontane (C38)	21.185	195713	1.307 ug/ml
22) T n-Tetracontane (C40)	22.104	365910	2.319 ug/ml

(f)=RT Delta > 1/2 Window

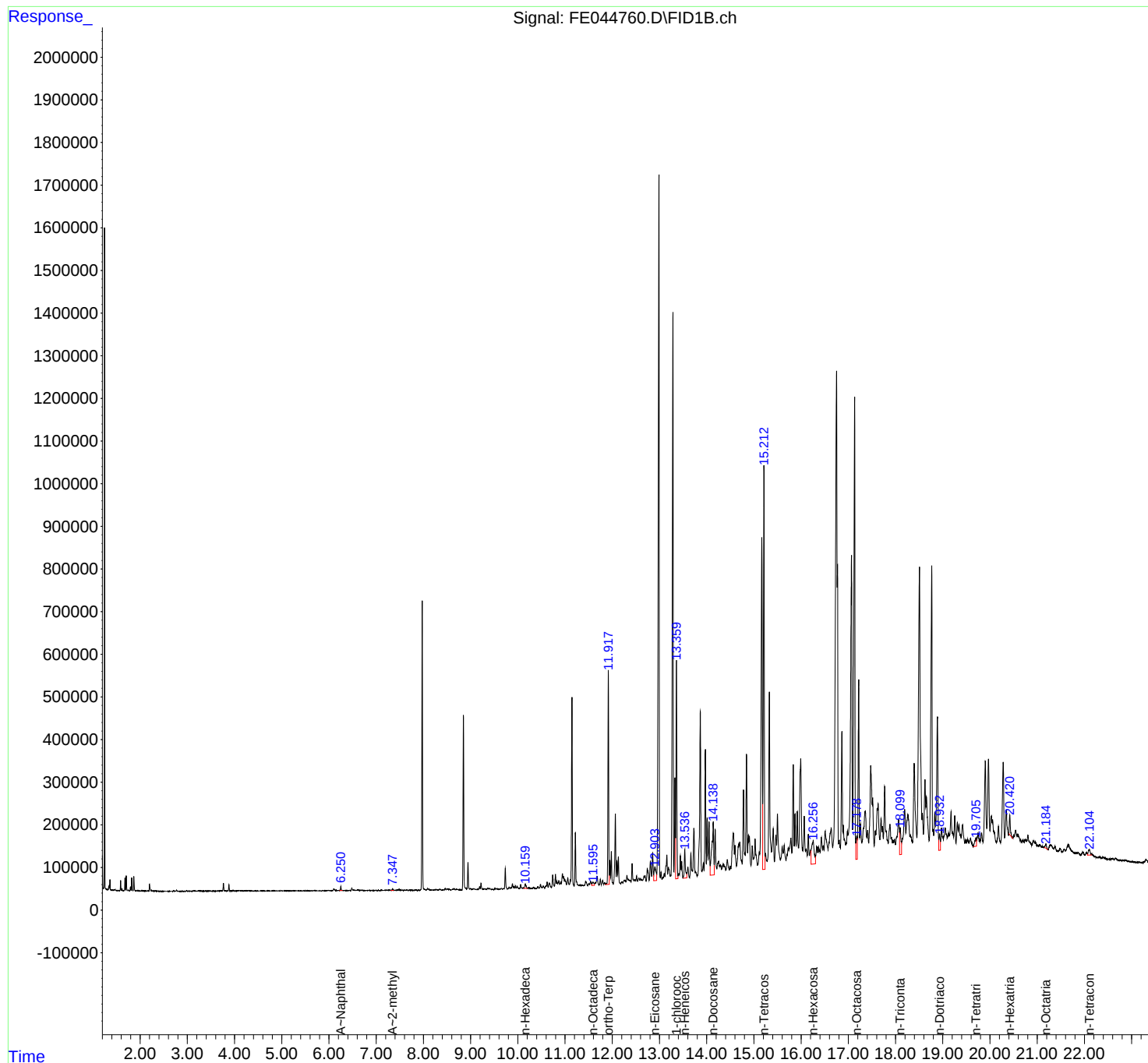
(m)=manual int.

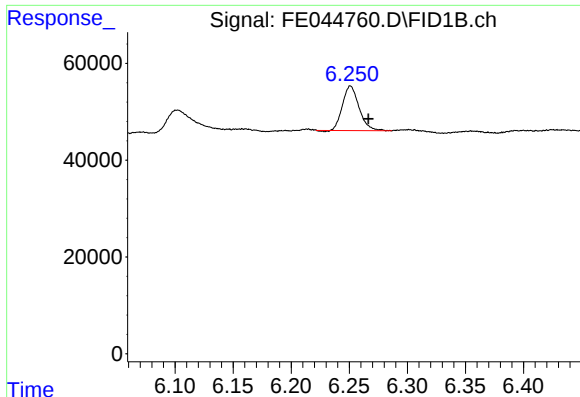
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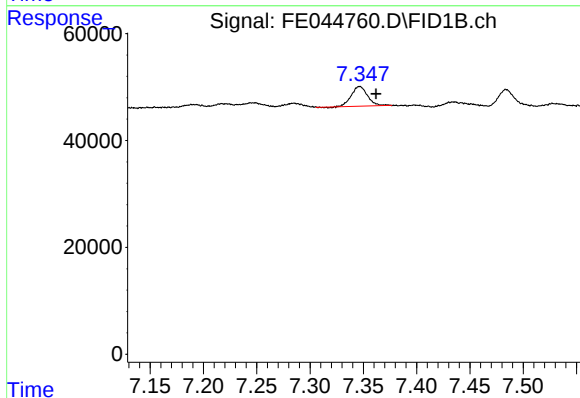




#3 A~Naphthalene (C11.7)

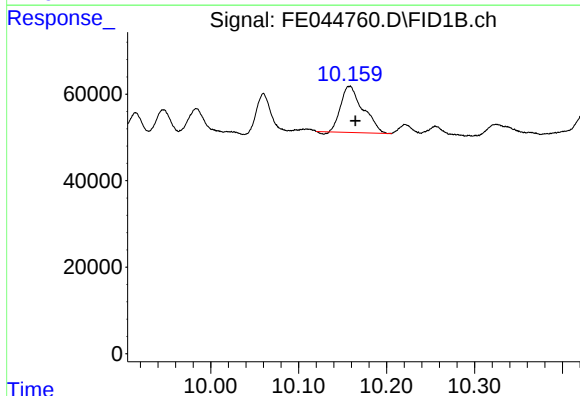
R.T.: 6.251 min
Delta R.T.: -0.016 min
Response: 91474
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



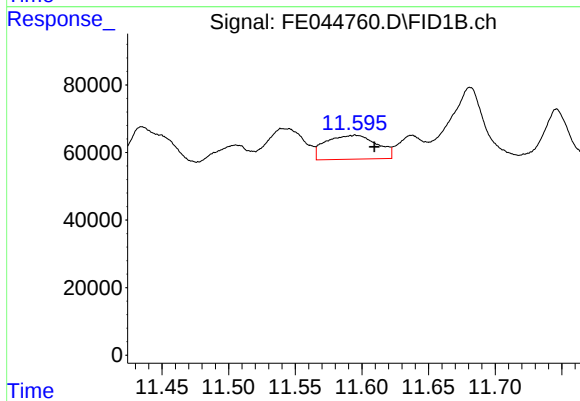
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.347 min
Delta R.T.: -0.015 min
Response: 38751
Conc: 0.23 ug/ml



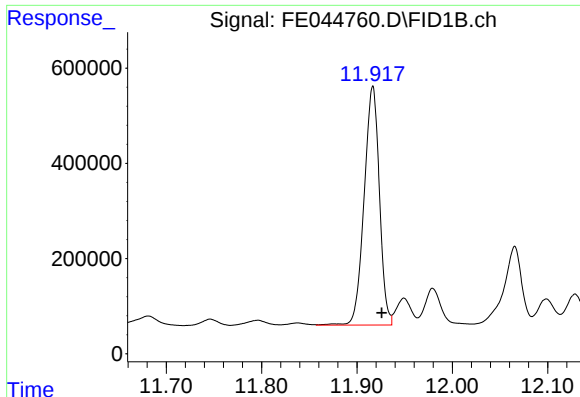
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.007 min
Response: 187448
Conc: 1.11 ug/ml



#8 n-Octadecane (C18)

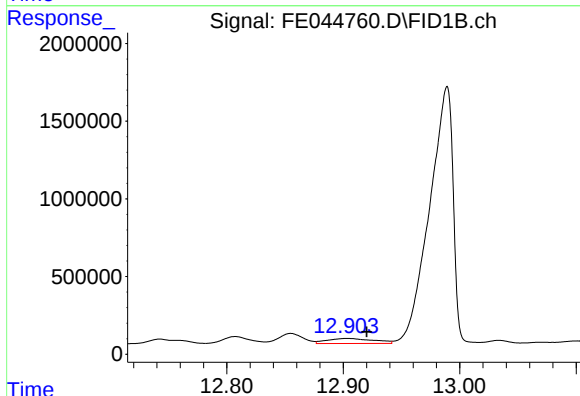
R.T.: 11.595 min
Delta R.T.: -0.014 min
Response: 189065
Conc: 1.11 ug/ml



#9 ortho-Terphenyl (SURR)

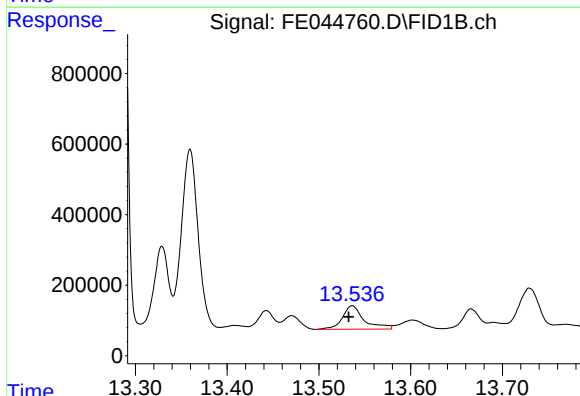
R.T.: 11.917 min
Delta R.T.: -0.010 min
Response: 5581391
Conc: 29.73 ug/ml

Instrument :
FID_E
ClientSampleId :



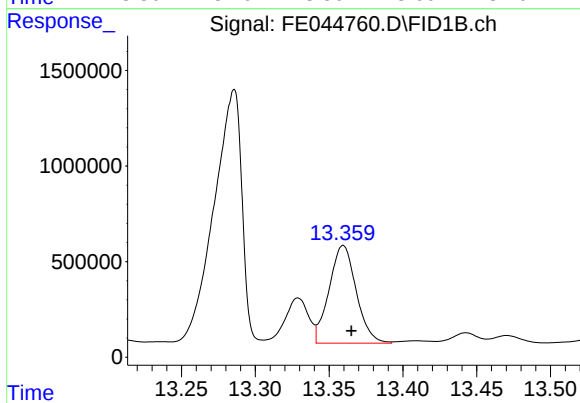
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.017 min
Response: 905135
Conc: 5.63 ug/ml



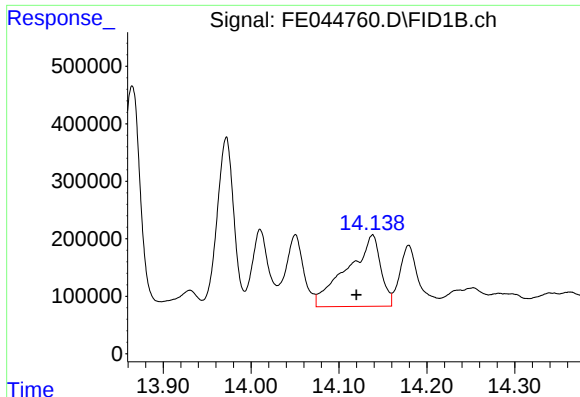
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.004 min
Response: 1089774
Conc: 6.96 ug/ml



#12 1-chlorooctadecane (SURR)

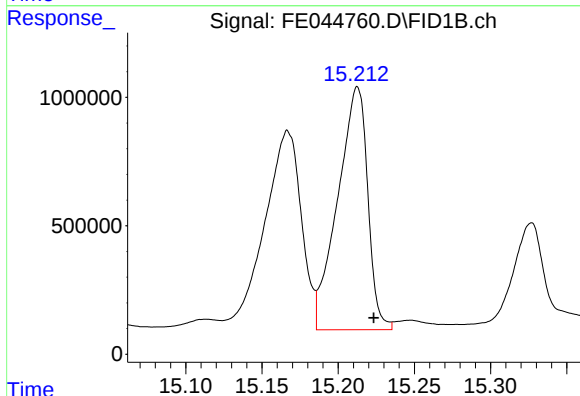
R.T.: 13.360 min
Delta R.T.: -0.005 min
Response: 6546077
Conc: 48.12 ug/ml



#13 n-Docosane (C22)

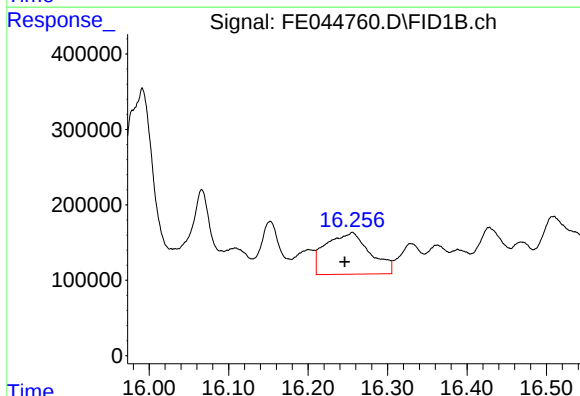
R.T.: 14.138 min
Delta R.T.: 0.018 min
Response: 3275418
Conc: 21.24 ug/ml

Instrument :
FID_E
ClientSampleId :



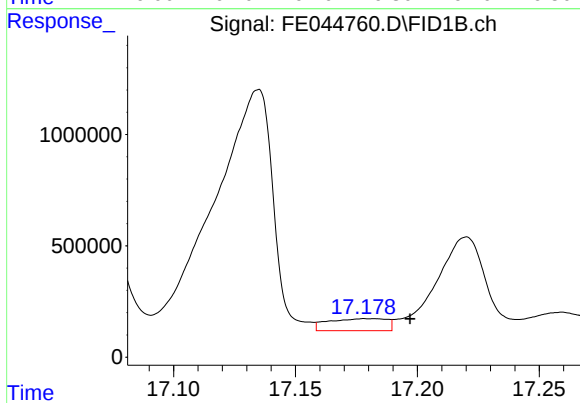
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.011 min
Response: 12990921
Conc: 85.94 ug/ml



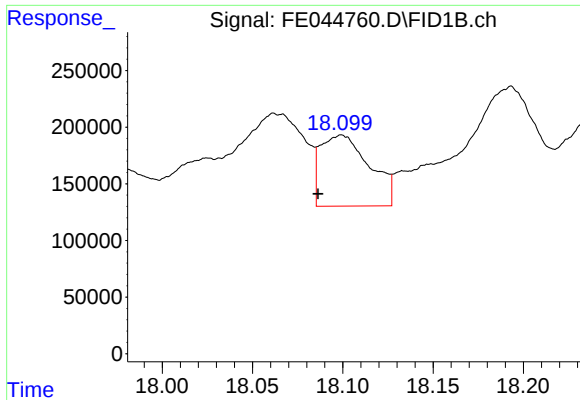
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.010 min
Response: 2127444
Conc: 14.46 ug/ml



#16 n-Octacosane (C28)

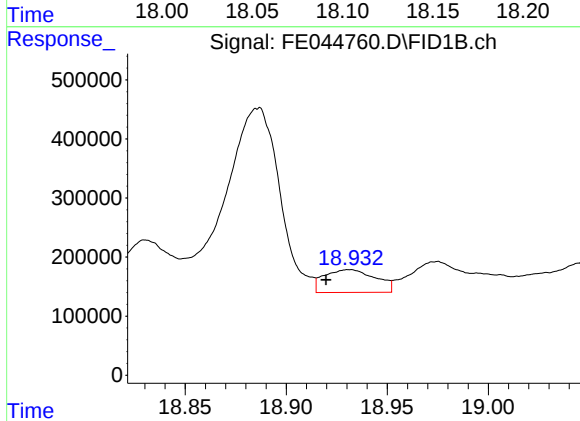
R.T.: 17.179 min
Delta R.T.: -0.018 min
Response: 901267
Conc: 6.28 ug/ml



#17 n-Tricontane (C30)

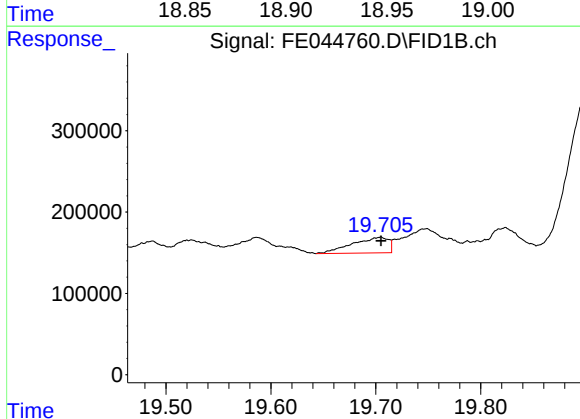
R.T.: 18.099 min
Delta R.T.: 0.013 min
Response: 1184754
Conc: 7.99 ug/ml

Instrument :
FID_E
ClientSampleId :



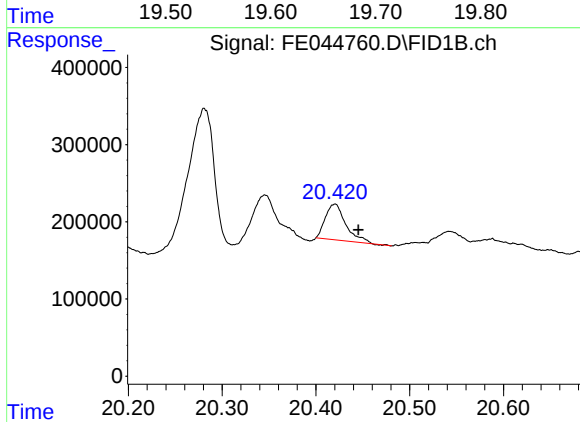
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: 0.012 min
Response: 677875
Conc: 4.58 ug/ml



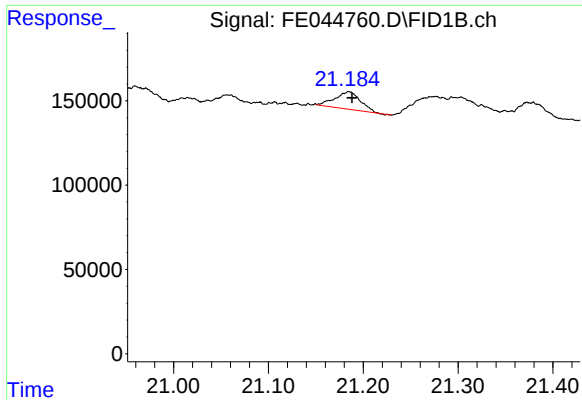
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.000 min
Response: 461678
Conc: 3.16 ug/ml



#20 n-Hexatriacontane (C36)

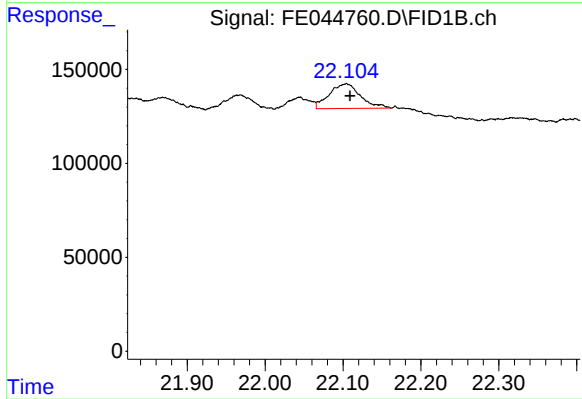
R.T.: 20.420 min
Delta R.T.: -0.025 min
Response: 703025
Conc: 4.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.003 min
Response: 195713
Conc: 1.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: -0.005 min
Response: 365910
Conc: 2.32 ug/ml