

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040647.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 01:23
 Operator : YP\AJ
 Sample : 01742-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 03 04:05:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.889	12292471	65.801 ug/ml
Spiked Amount 50.000		Recovery =	131.60%
12) S 1-chlorooctadecane (S...	13.329	9374174	63.337 ug/ml
Spiked Amount 50.000		Recovery =	126.67%
Target Compounds			
4) T n-Dodecane (C12)	6.690	37234	0.243 ug/ml
5) T A~2-methylnaphthalene...	7.329	63928	0.422 ug/ml
6) T n-Tetradecane (C14)	8.517	246972	1.598 ug/ml
7) T n-Hexadecane (C16)	10.125	972461	6.021 ug/ml
8) T n-Octadecane (C18)	11.567	2383532	14.038 ug/ml
10) T n-Eicosane (C20)	12.878	5111604	30.216 ug/ml
11) T n-Heneicosane (C21)	13.496	2268275	13.237 ug/ml
13) T n-Docosane (C22)	14.079	2426210	14.162 ug/ml
14) T n-Tetracosane (C24)	15.182	861235	4.996 ug/ml
15) T n-Hexacosane (C26)	16.206	275182	1.619 ug/ml
16) T n-Octacosane (C28)	17.161	462525	2.758 ug/ml
17) T n-Tricontane (C30)	18.030	443956	2.719 ug/ml
18) T n-Dotriacontane (C32)	18.880	892724	5.216 ug/ml
19) T n-Tetratriacontane (C34)	19.676	524604	3.393 ug/ml
20) T n-Hexatriacontane (C36)	20.383	20336	0.140 ug/ml
21) T n-Octatriacontane (C38)	21.120	138952	1.011 ug/ml
22) T n-Tetracontane (C40)	22.014	158628	1.027 ug/ml

(f)=RT Delta > 1/2 Window

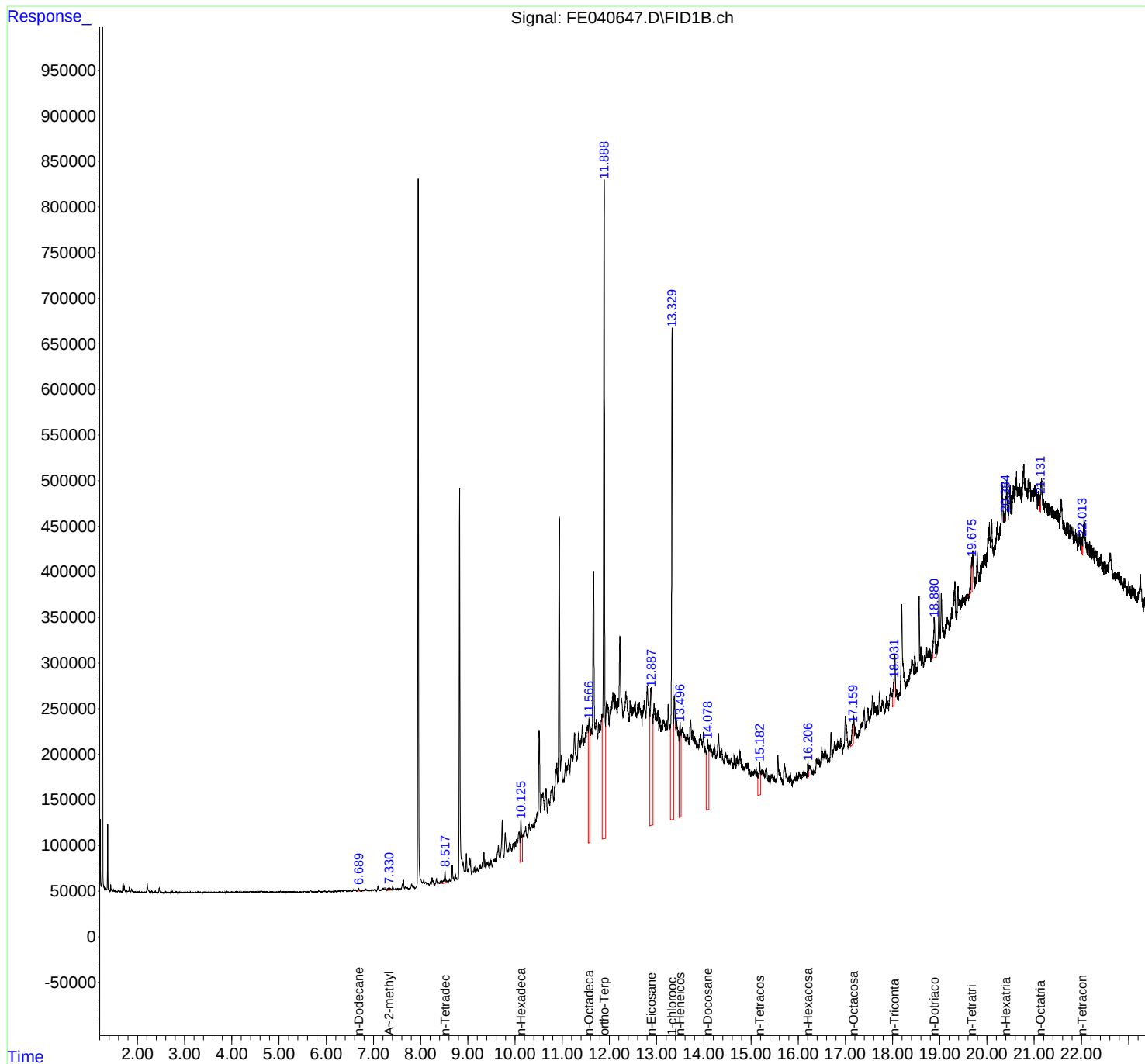
(m)=manual int.

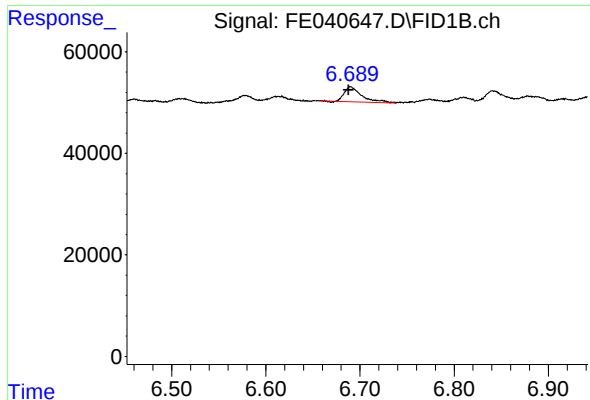
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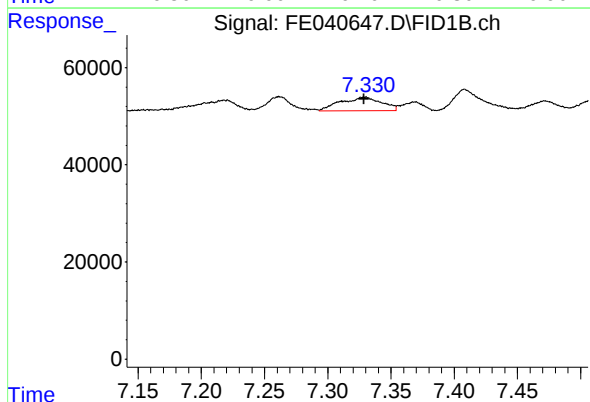




#4 n-Dodecane (C12)

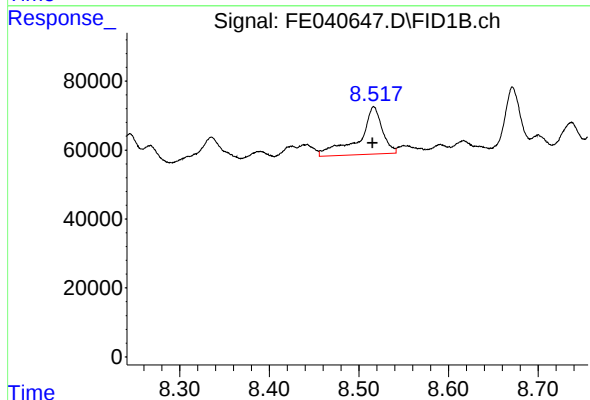
R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 37234
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



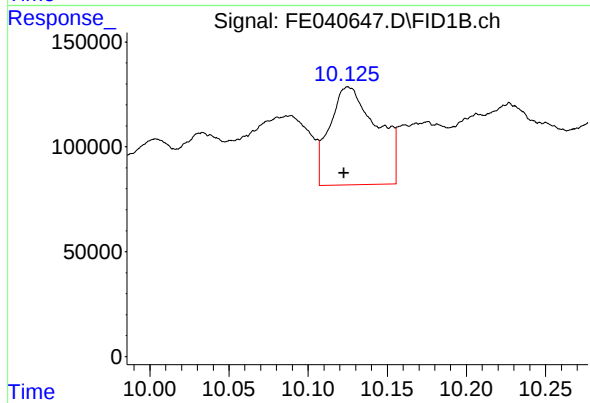
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 63928
Conc: 0.42 ug/ml



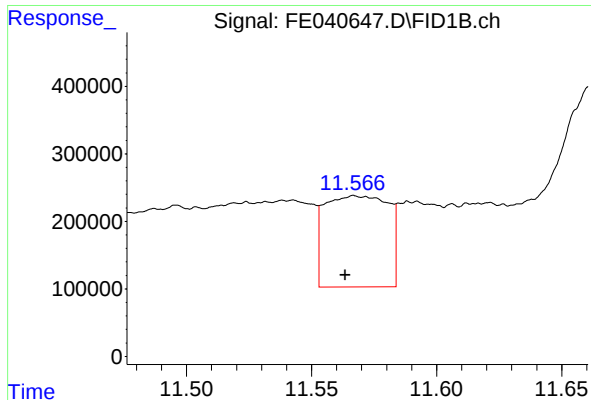
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.002 min
Response: 246972
Conc: 1.60 ug/ml



#7 n-Hexadecane (C16)

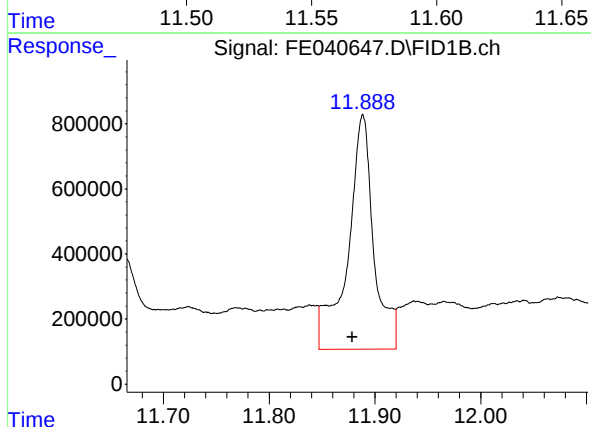
R.T.: 10.125 min
Delta R.T.: 0.003 min
Response: 972461
Conc: 6.02 ug/ml



#8 n-Octadecane (C18)

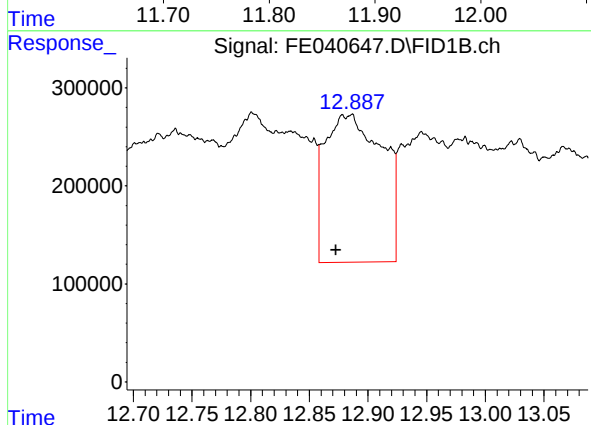
R.T.: 11.567 min
Delta R.T.: 0.004 min
Response: 2383532
Conc: 14.04 ug/ml

Instrument : FID_E
ClientSampleId :



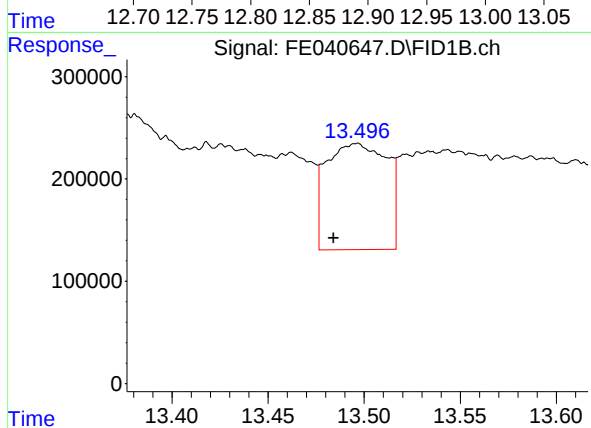
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: 0.010 min
Response: 12292471
Conc: 65.80 ug/ml



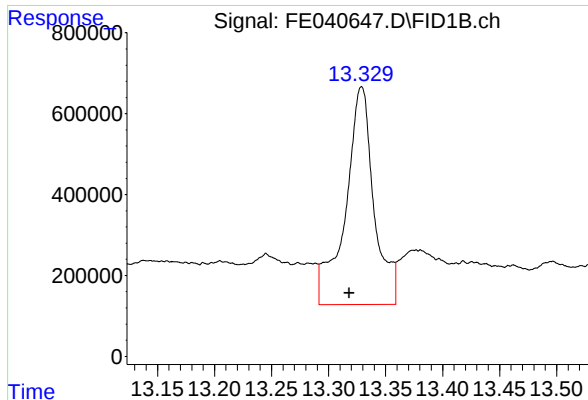
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.006 min
Response: 5111604
Conc: 30.22 ug/ml



#11 n-Heneicosane (C21)

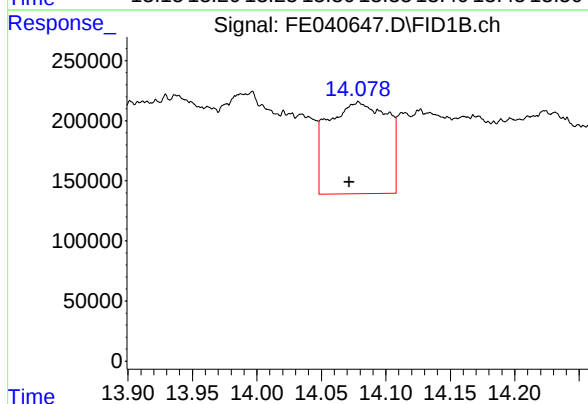
R.T.: 13.496 min
Delta R.T.: 0.012 min
Response: 2268275
Conc: 13.24 ug/ml



#12 1-chlorooctadecane (SURR)

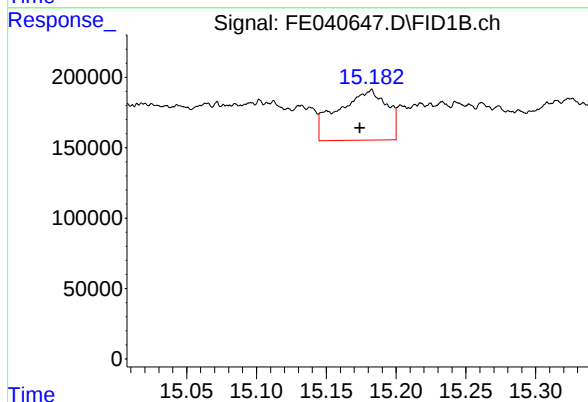
R.T.: 13.329 min
Delta R.T.: 0.011 min
Response: 9374174
Conc: 63.34 ug/ml

Instrument :
FID_E
ClientSampleId :



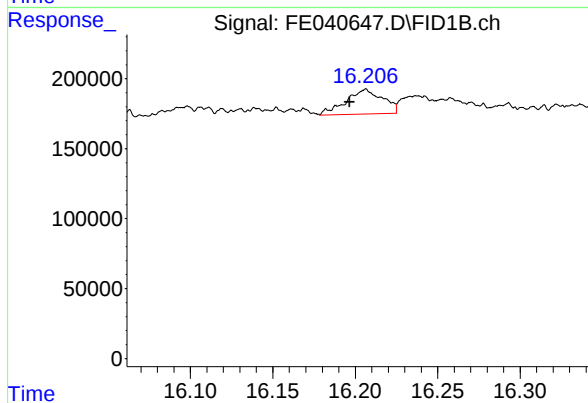
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.007 min
Response: 2426210
Conc: 14.16 ug/ml



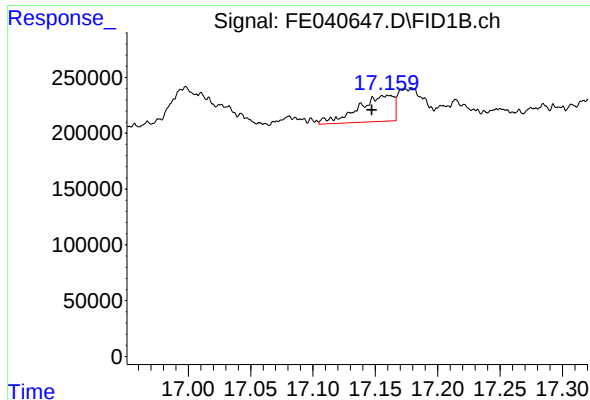
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: 0.008 min
Response: 861235
Conc: 5.00 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: 0.010 min
Response: 275182
Conc: 1.62 ug/ml



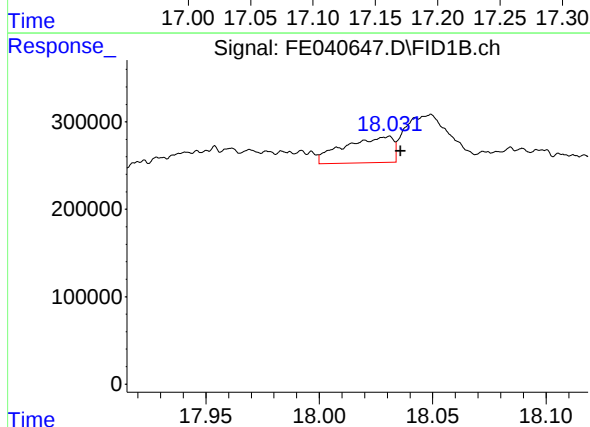
#16 n-Octacosane (C28)

R.T.: 17.161 min
Delta R.T.: 0.014 min
Response: 462525
Conc: 2.76 ug/ml

Instrument :

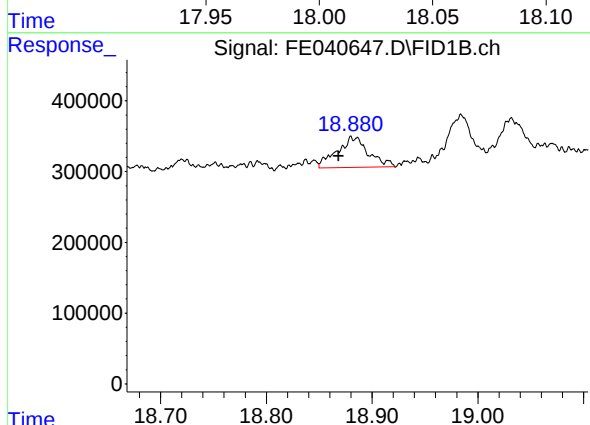
FID_E

ClientSampleId :



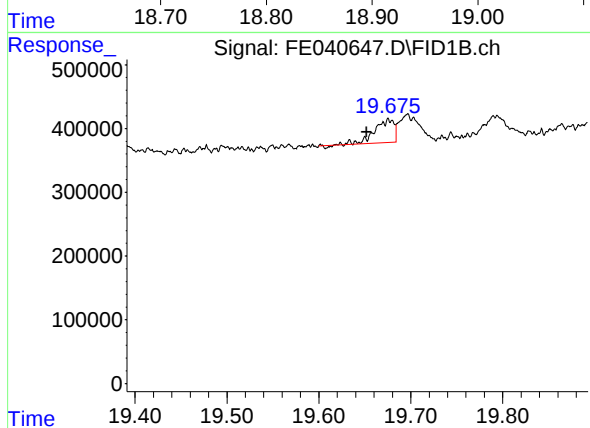
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.006 min
Response: 443956
Conc: 2.72 ug/ml



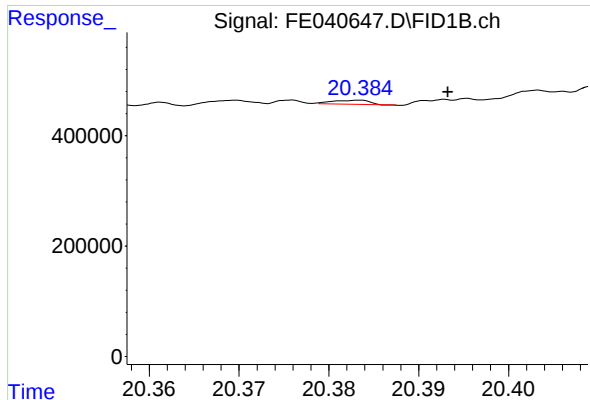
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: 0.012 min
Response: 892724
Conc: 5.22 ug/ml



#19 n-Tetratriacontane (C34)

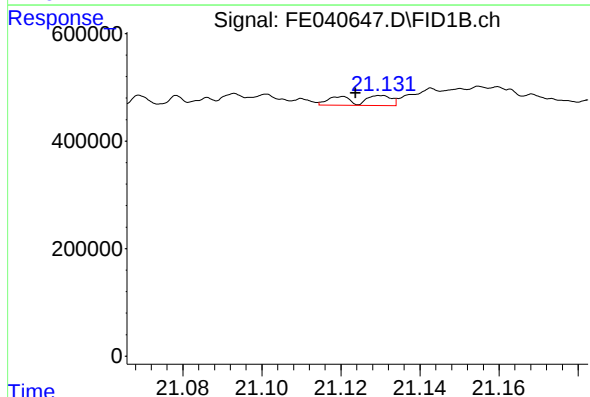
R.T.: 19.676 min
Delta R.T.: 0.024 min
Response: 524604
Conc: 3.39 ug/ml



#20 n-Hexatriacontane (C36)

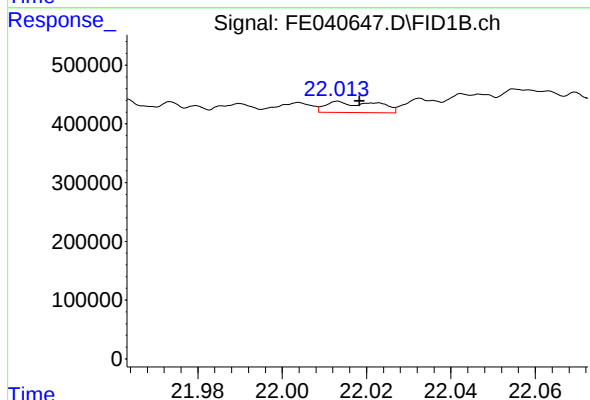
R.T.: 20.383 min
Delta R.T.: -0.011 min
Response: 20336
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.004 min
Response: 138952
Conc: 1.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.005 min
Response: 158628
Conc: 1.03 ug/ml