

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032323AL\
 Data File : FE040980.D
 Signal(s) : FID1B.ch
 Acq On : 23 Mar 2023 18:28
 Operator : YP\AJ
 Sample : 02029-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 02:55:17 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)	11.872	5209239	27.885 ug/ml
Spiked Amount 50.000		Recovery =	55.77%
12) S 1-chlorooctadecane (S...	13.312	4614214	31.176 ug/ml
Spiked Amount 50.000		Recovery =	62.35%
Target Compounds			
4) T n-Dodecane (C12)	6.679	54664	0.357 ug/ml
5) T A~2-methylnaphthalene...	7.322	62141	0.411 ug/ml
6) T n-Tetradecane (C14)	8.504	154643	1.001 ug/ml
7) T n-Hexadecane (C16)	10.111	165884	1.027 ug/ml
8) T n-Octadecane (C18)	11.553	167764	0.988 ug/ml
10) T n-Eicosane (C20)	12.864	290177	1.715 ug/ml
11) T n-Heneicosane (C21)	13.477	178826	1.044 ug/ml
13) T n-Docosane (C22)	14.064	271351	1.584 ug/ml
14) T n-Tetracosane (C24)	15.165	658452	3.820 ug/ml
15) T n-Hexacosane (C26)	16.190	235605	1.386 ug/ml
16) T n-Octacosane (C28)	17.144	338878	2.021 ug/ml
17) T n-Tricontane (C30)	18.031	499924	3.062 ug/ml
18) T n-Dotriacontane (C32)	18.870	622566	3.638 ug/ml
19) T n-Tetratriacontane (C34)	19.679	777937	5.032 ug/ml
20) T n-Hexatriacontane (C36)	20.395	246712	1.698 ug/ml
21) T n-Octatriacontane (C38)	21.136	518321	3.771 ug/ml
22) T n-Tetracontane (C40)	22.017	413086	2.673 ug/ml

(f)=RT Delta > 1/2 Window

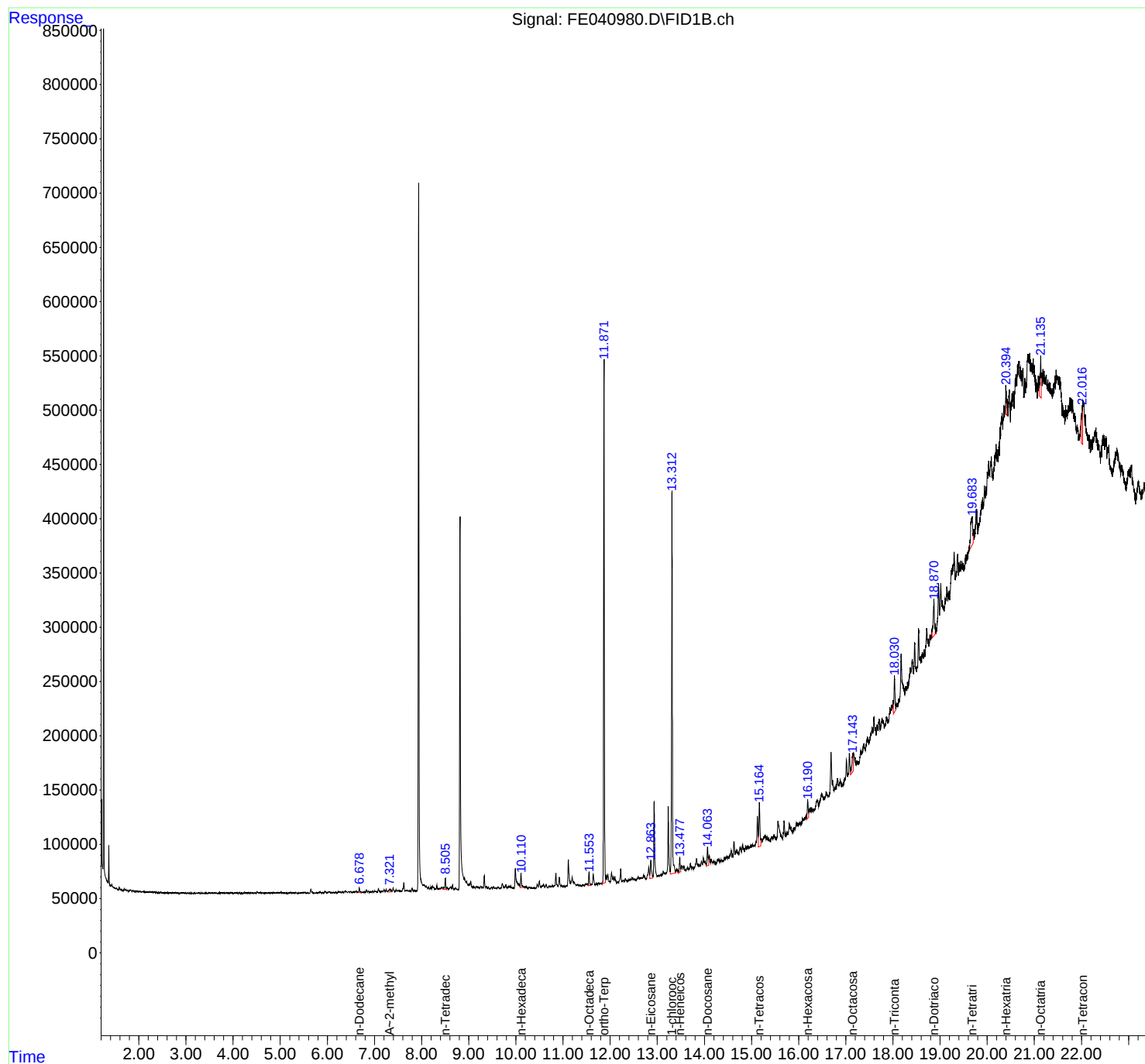
(m)=manual int.

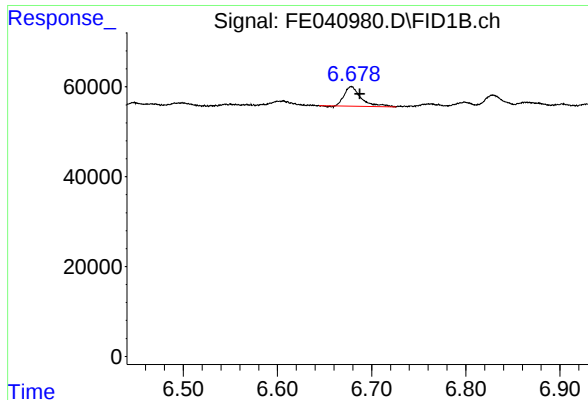
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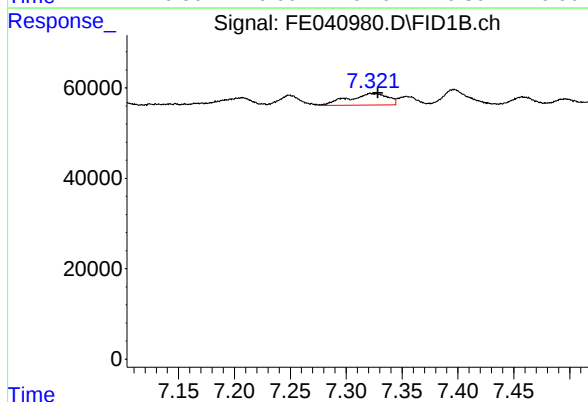




#4 n-Dodecane (C12)

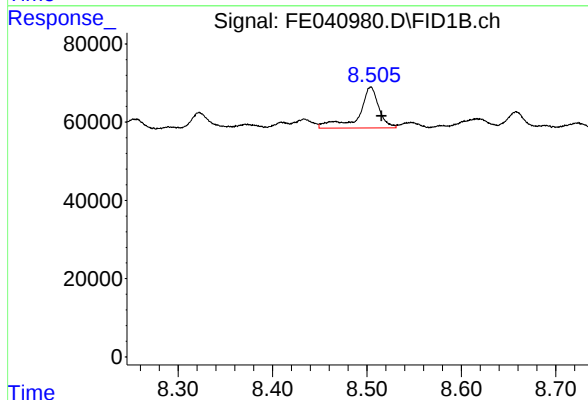
R.T.: 6.679 min
Delta R.T.: -0.009 min
Response: 54664
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :



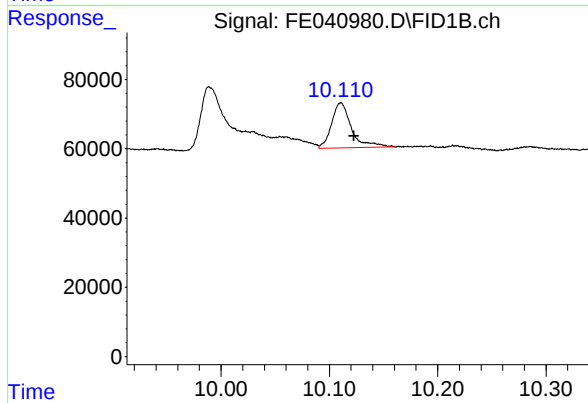
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 62141
Conc: 0.41 ug/ml



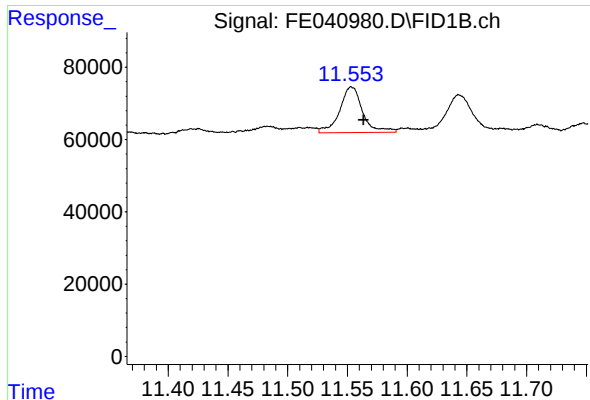
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.011 min
Response: 154643
Conc: 1.00 ug/ml



#7 n-Hexadecane (C16)

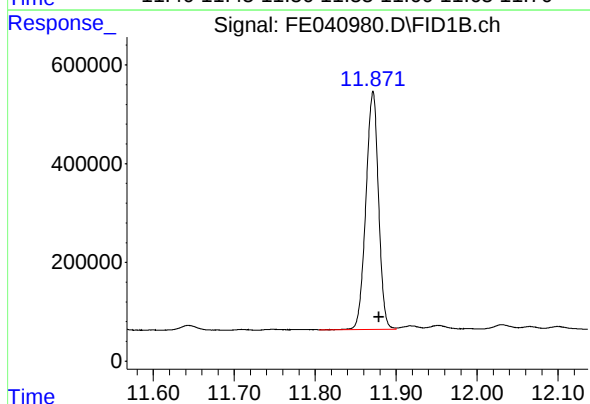
R.T.: 10.111 min
Delta R.T.: -0.012 min
Response: 165884
Conc: 1.03 ug/ml



#8 n-Octadecane (C18)

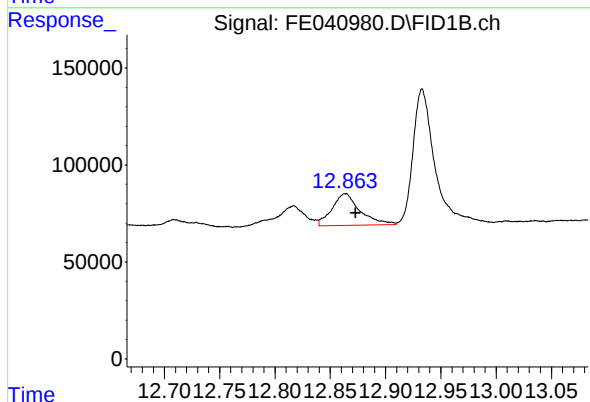
R.T.: 11.553 min
Delta R.T.: -0.010 min
Response: 167764
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



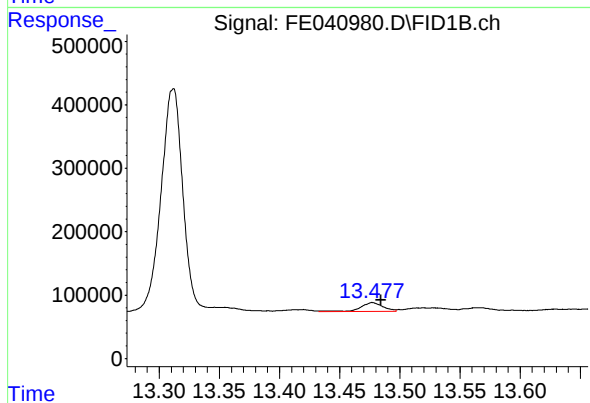
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: -0.007 min
Response: 5209239
Conc: 27.88 ug/ml



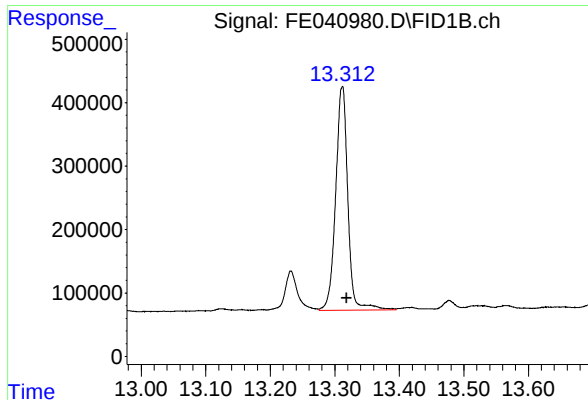
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.009 min
Response: 290177
Conc: 1.72 ug/ml



#11 n-Heneicosane (C21)

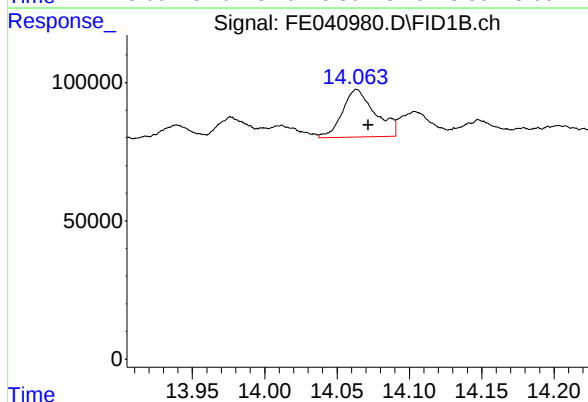
R.T.: 13.477 min
Delta R.T.: -0.007 min
Response: 178826
Conc: 1.04 ug/ml



#12 1-chlorooctadecane (SURR)

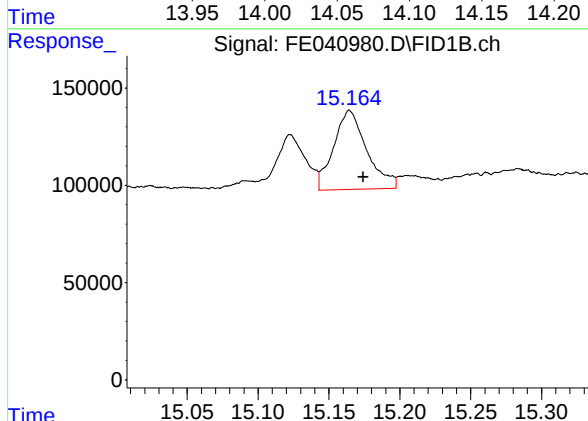
R.T.: 13.312 min
Delta R.T.: -0.007 min
Response: 4614214
Conc: 31.18 ug/ml

Instrument :
FID_E
ClientSampleId :



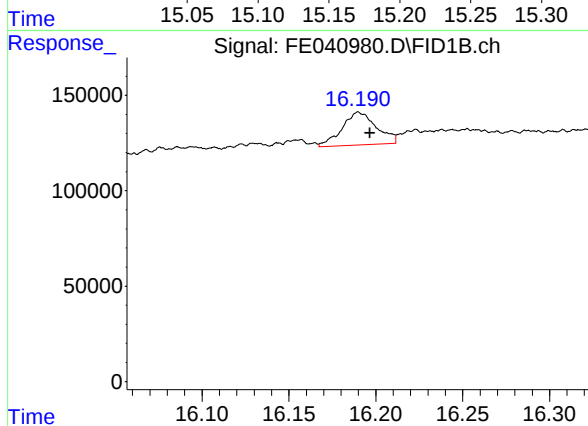
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: -0.008 min
Response: 271351
Conc: 1.58 ug/ml



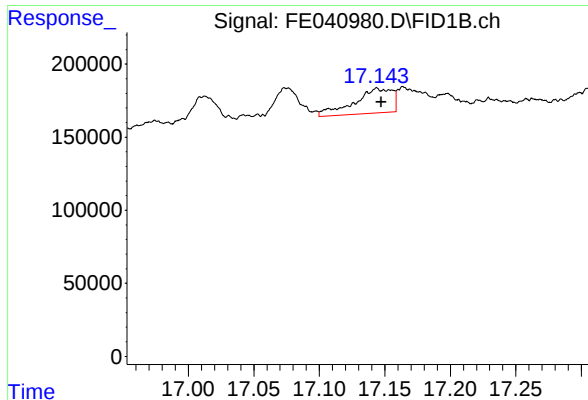
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.010 min
Response: 658452
Conc: 3.82 ug/ml



#15 n-Hexacosane (C26)

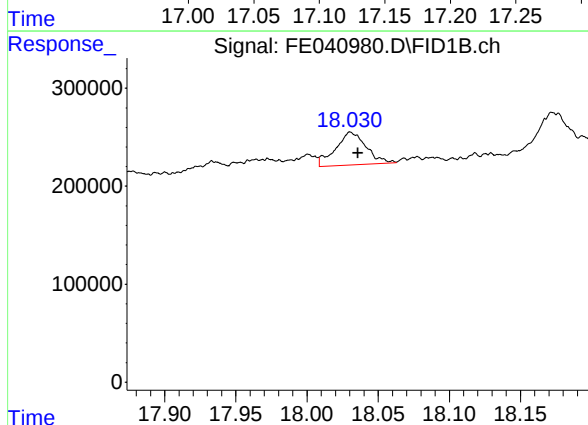
R.T.: 16.190 min
Delta R.T.: -0.007 min
Response: 235605
Conc: 1.39 ug/ml



#16 n-Octacosane (C28)

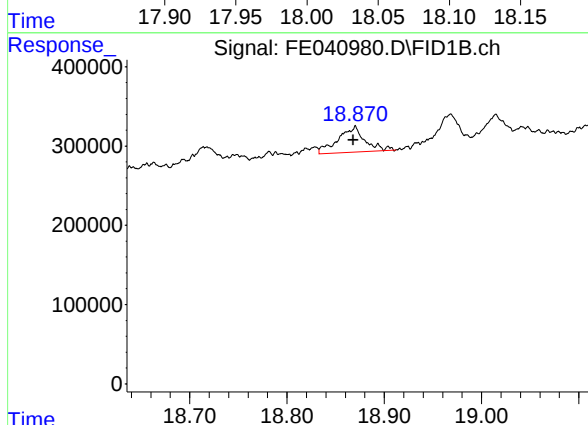
R.T.: 17.144 min
Delta R.T.: -0.003 min
Response: 338878
Conc: 2.02 ug/ml

Instrument :
FID_E
ClientSampleId :



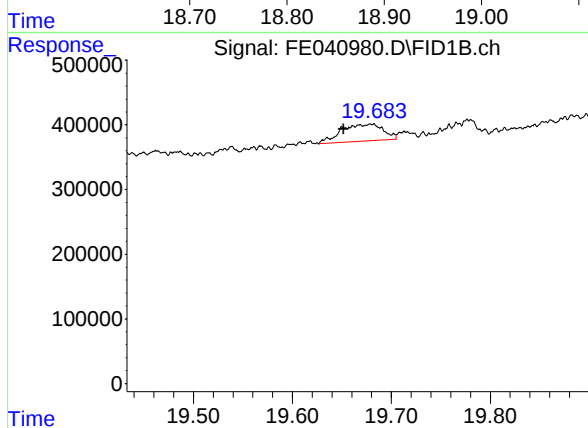
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.005 min
Response: 499924
Conc: 3.06 ug/ml



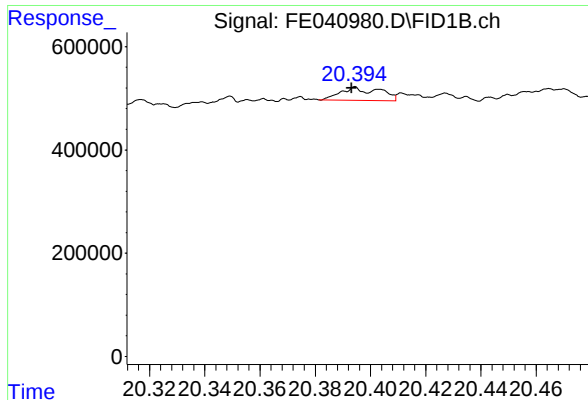
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.002 min
Response: 622566
Conc: 3.64 ug/ml



#19 n-Tetratriacontane (C34)

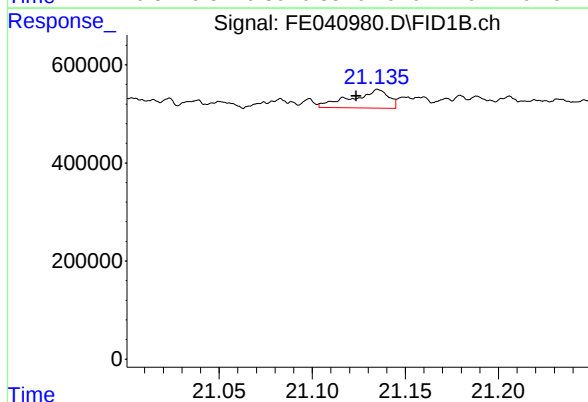
R.T.: 19.679 min
Delta R.T.: 0.027 min
Response: 777937
Conc: 5.03 ug/ml



#20 n-Hexatriacontane (C36)

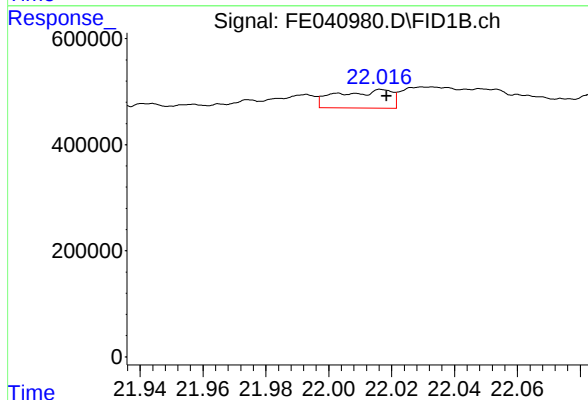
R.T.: 20.395 min
Delta R.T.: 0.001 min
Response: 246712
Conc: 1.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: 0.012 min
Response: 518321
Conc: 3.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: -0.001 min
Response: 413086
Conc: 2.67 ug/ml