

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
 Data File : FF012926.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 13:24
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 13:42:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:16:02 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)	10.876	753378	5.133 ug/ml
Spiked Amount 50.000		Recovery =	10.27%
12) S 1-chlorooctadecane (S...	12.313	529990	5.003 ug/ml
Spiked Amount 50.000		Recovery =	10.01%
Target Compounds			
1) T n-Nonane (C9)	2.745	601008	5.115 ug/ml
2) T n-Decane (C10)	3.752	596385	5.009 ug/ml
3) T A~Naphthalene (C11.7)	5.325	557203	4.427 ug/ml
4) T n-Dodecane (C12)	5.736	611654	5.087 ug/ml
5) T A~2-methylnaphthalene...	6.380	419126	3.620 ug/ml
6) T n-Tetradecane (C14)	7.524	574921	4.881 ug/ml
7) T n-Hexadecane (C16)	9.121	599469	4.892 ug/ml
8) T n-Octadecane (C18)	10.558	642264	5.065 ug/ml
10) T n-Eicosane (C20)	11.863	640156	5.164 ug/ml
11) T n-Heneicosane (C21)	12.474	625827	5.131 ug/ml
13) T n-Docosane (C22)	13.060	624821	5.126 ug/ml
14) T n-Tetracosane (C24)	14.162	619198	5.056 ug/ml
15) T n-Hexacosane (C26)	15.180	607728	5.065 ug/ml
16) T n-Octacosane (C28)	16.127	590899	5.031 ug/ml
17) T n-Tricontane (C30)	17.012	616309	5.221 ug/ml
18) T n-Dotriacontane (C32)	17.842	596480	5.181 ug/ml
19) T n-Tetratriacontane (C34)	18.624	548672	5.011 ug/ml
20) T n-Hexatriacontane (C36)	19.363	549127	5.227 ug/ml
21) T n-Octatriacontane (C38)	20.087	613902	5.921 ug/ml
22) T n-Tetracontane (C40)	20.972	491751	5.095 ug/ml

(f)=RT Delta > 1/2 Window

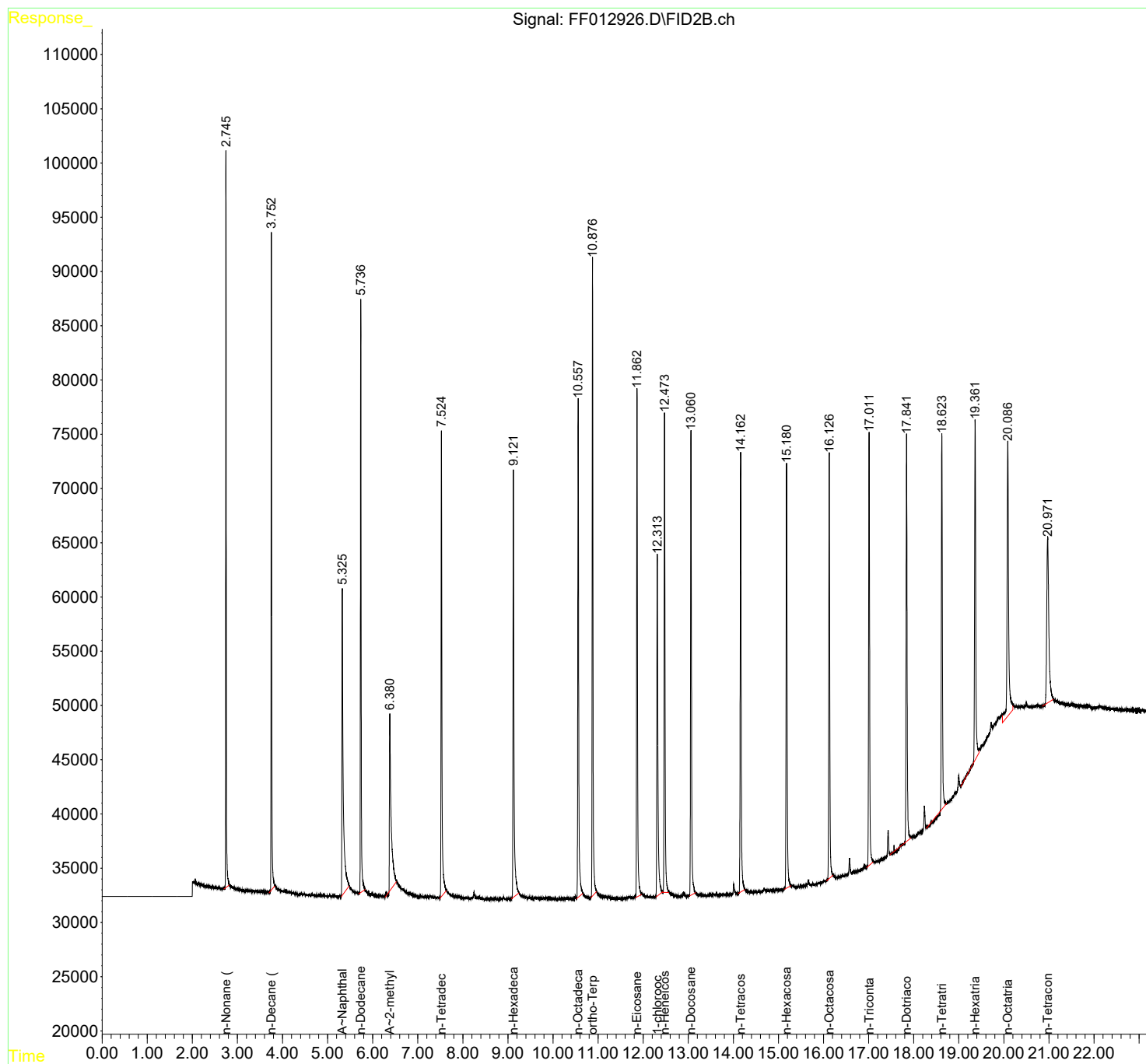
(m)=manual int.

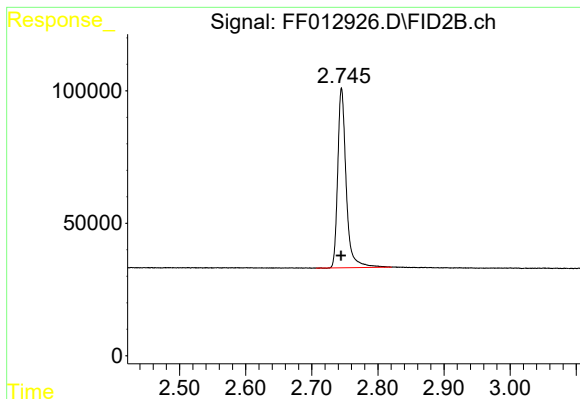
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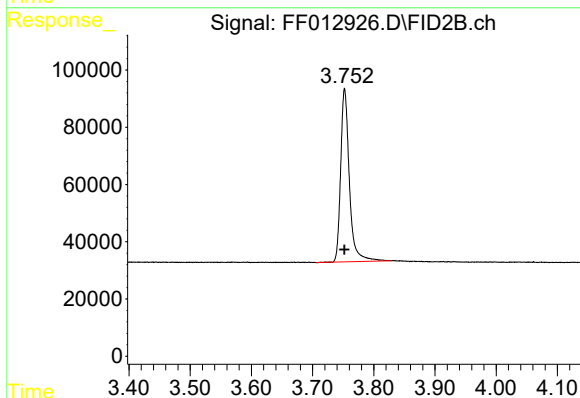




#1 n-Nonane (C9)

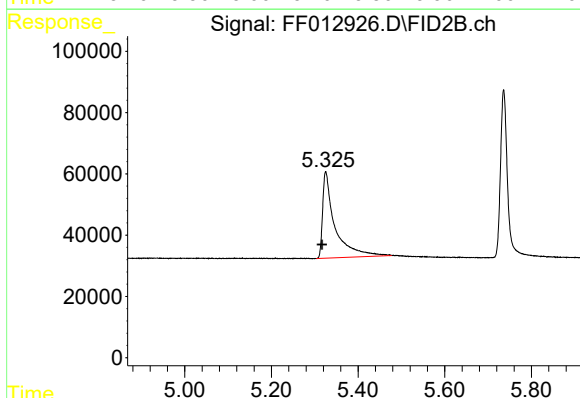
R.T.: 2.745 min
Delta R.T.: 0.001 min
Response: 601008
Conc: 5.12 ug/ml

Instrument :
FID_F
ClientSampleId :



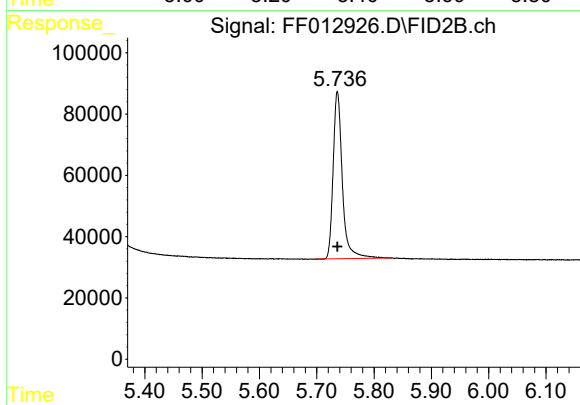
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 596385
Conc: 5.01 ug/ml



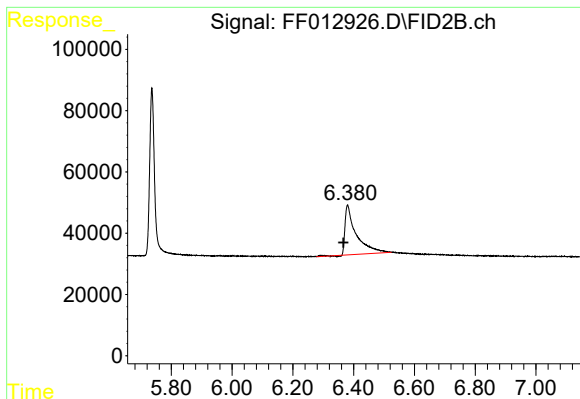
#3 A~Naphthalene (C11.7)

R.T.: 5.325 min
Delta R.T.: 0.008 min
Response: 557203
Conc: 4.43 ug/ml



#4 n-Dodecane (C12)

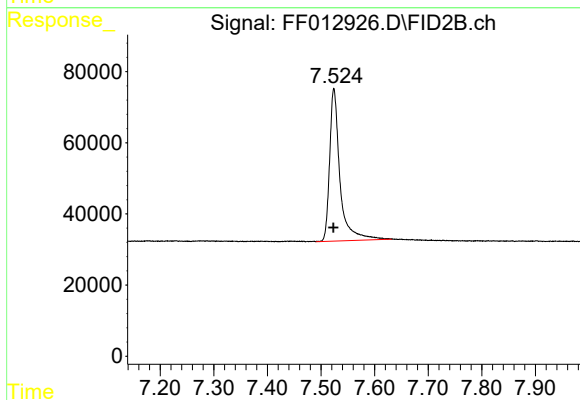
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 611654
Conc: 5.09 ug/ml



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

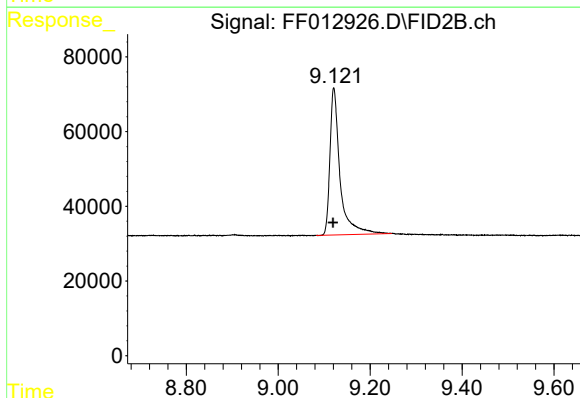
R.T.: 6.380 min
Delta R.T.: 0.014 min
Response: 419126
Conc: 3.62 ug/ml

Instrument :
FID_F
ClientSampleId :



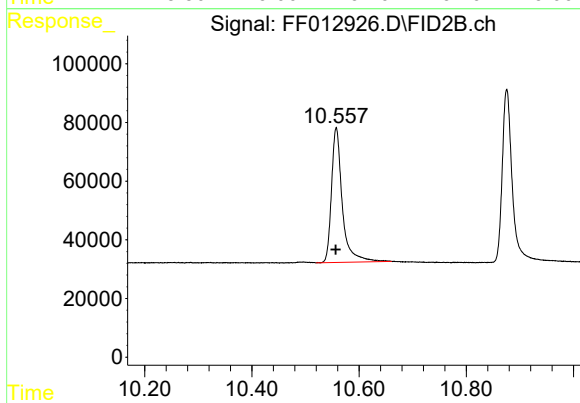
#6 n-Tetradecane (C14)

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 574921
Conc: 4.88 ug/ml



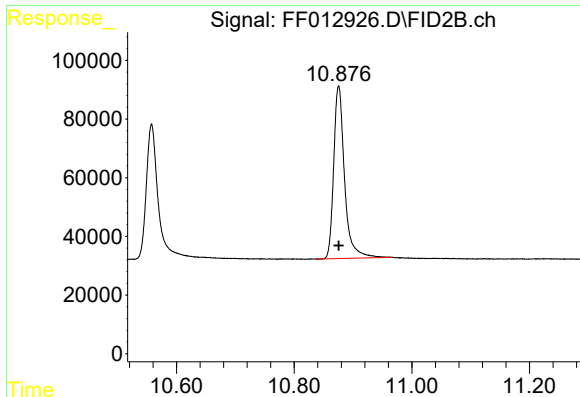
#7 n-Hexadecane (C16)

R.T.: 9.121 min
Delta R.T.: 0.002 min
Response: 599469
Conc: 4.89 ug/ml



#8 n-Octadecane (C18)

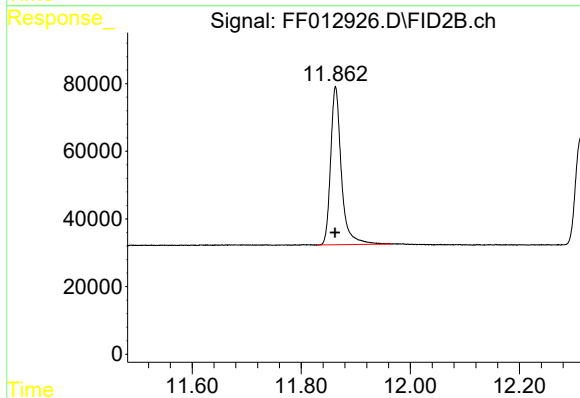
R.T.: 10.558 min
Delta R.T.: 0.000 min
Response: 642264
Conc: 5.06 ug/ml



#9 ortho-Terphenyl (SURR)

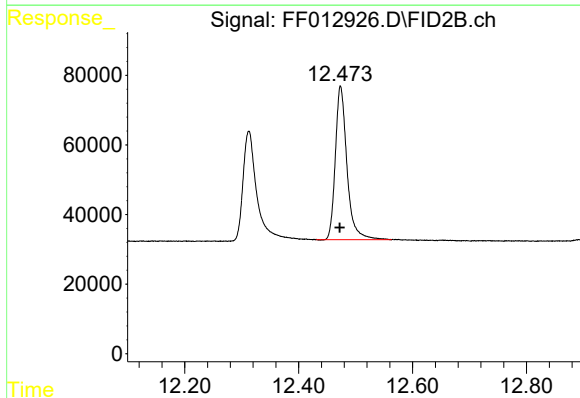
R.T.: 10.876 min
Delta R.T.: 0.000 min
Response: 753378
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :



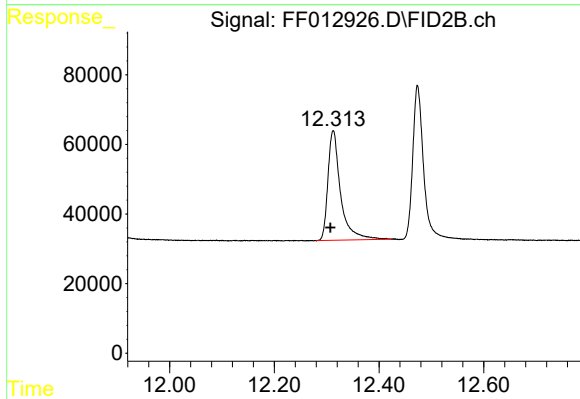
#10 n-Eicosane (C20)

R.T.: 11.863 min
Delta R.T.: 0.001 min
Response: 640156
Conc: 5.16 ug/ml



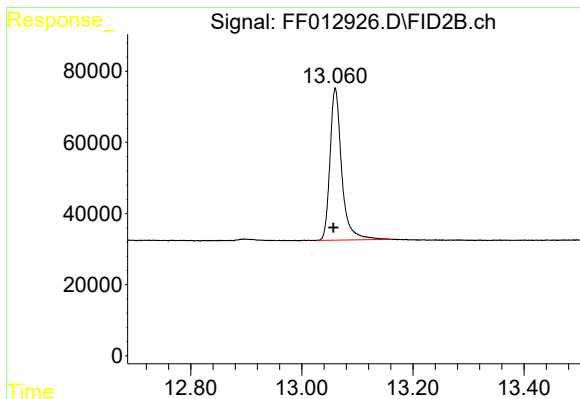
#11 n-Heneicosane (C21)

R.T.: 12.474 min
Delta R.T.: 0.001 min
Response: 625827
Conc: 5.13 ug/ml



#12 1-chlorooctadecane (SURR)

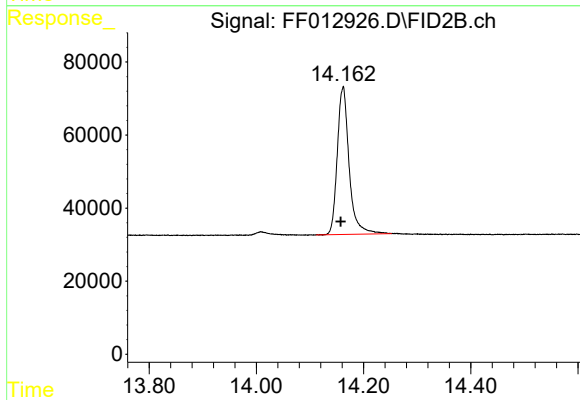
R.T.: 12.313 min
Delta R.T.: 0.006 min
Response: 529990
Conc: 5.00 ug/ml



#13 n-Docosane (C22)

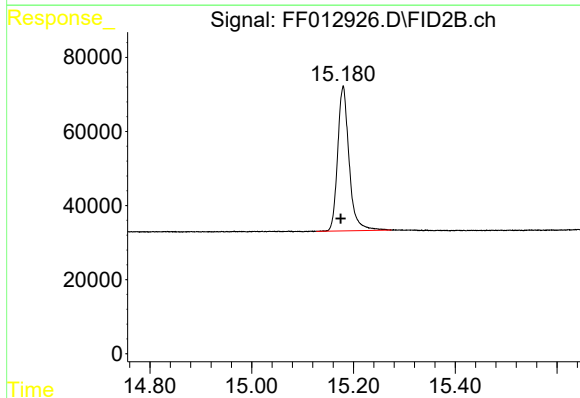
R.T.: 13.060 min
Delta R.T.: 0.003 min
Response: 624821
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :



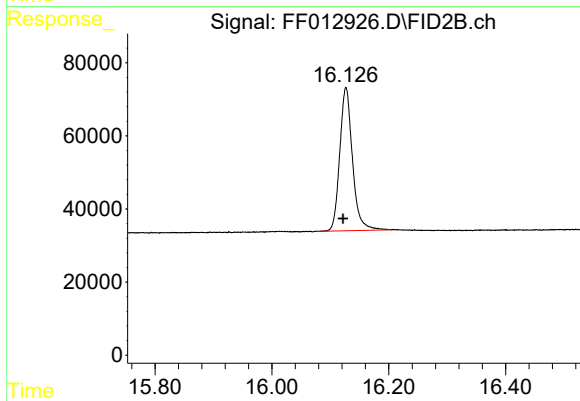
#14 n-Tetracosane (C24)

R.T.: 14.162 min
Delta R.T.: 0.005 min
Response: 619198
Conc: 5.06 ug/ml



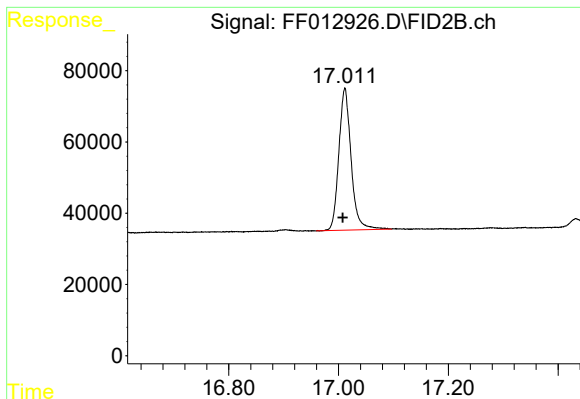
#15 n-Hexacosane (C26)

R.T.: 15.180 min
Delta R.T.: 0.005 min
Response: 607728
Conc: 5.06 ug/ml



#16 n-Octacosane (C28)

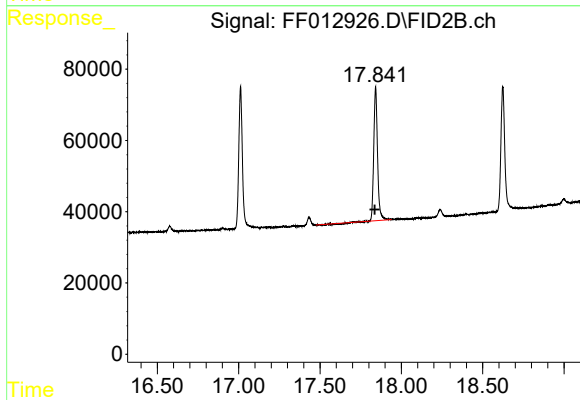
R.T.: 16.127 min
Delta R.T.: 0.005 min
Response: 590899
Conc: 5.03 ug/ml



#17 n-Tricontane (C30)

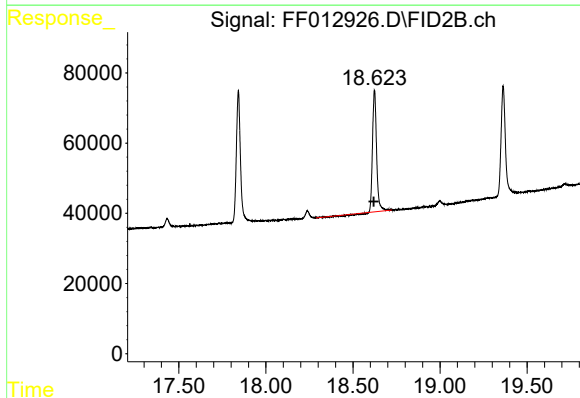
R.T.: 17.012 min
Delta R.T.: 0.004 min
Response: 616309
Conc: 5.22 ug/ml

Instrument :
FID_F
ClientSampleId :



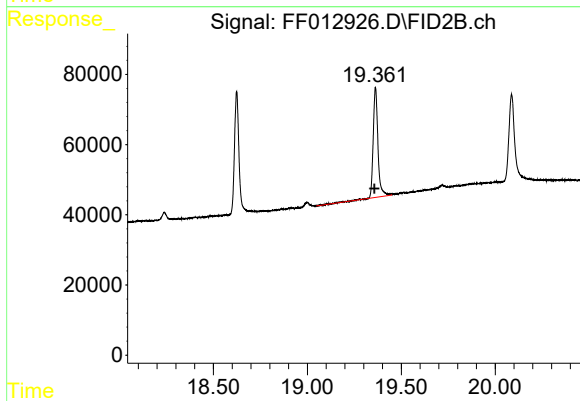
#18 n-Dotriacontane (C32)

R.T.: 17.842 min
Delta R.T.: 0.005 min
Response: 596480
Conc: 5.18 ug/ml



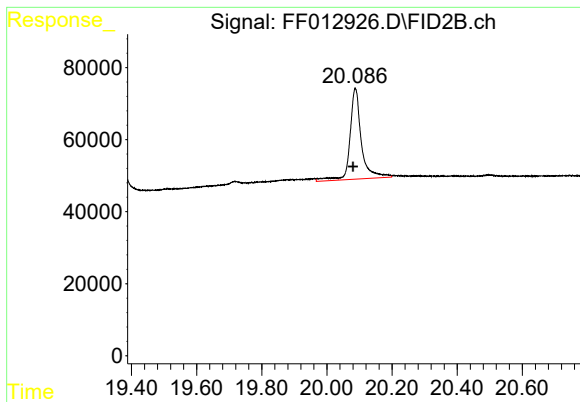
#19 n-Tetratriacontane (C34)

R.T.: 18.624 min
Delta R.T.: 0.004 min
Response: 548672
Conc: 5.01 ug/ml



#20 n-Hexatriacontane (C36)

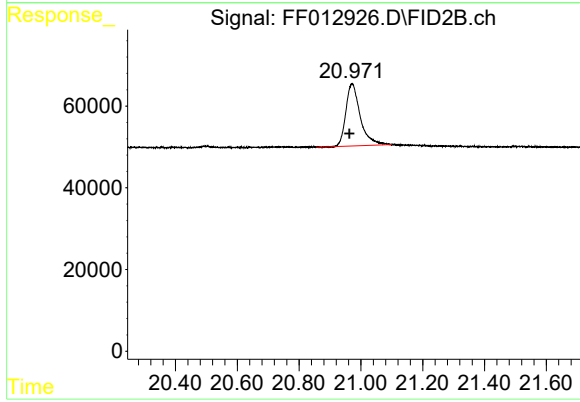
R.T.: 19.363 min
Delta R.T.: 0.006 min
Response: 549127
Conc: 5.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.087 min
Delta R.T.: 0.007 min
Response: 613902
Conc: 5.92 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.972 min
Delta R.T.: 0.008 min
Response: 491751
Conc: 5.10 ug/ml