

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080923AL\
 Data File : FE043823.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2023 14:15
 Operator : YP\AJ
 Sample : PB154718BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB154718BS

Integration File: autoint1.e
 Quant Time: Aug 10 01:18:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.947	8585689	41.663 ug/ml
Spiked Amount 50.000		Recovery =	83.33%
12) S 1-chlorooctadecane (S...	13.386	6679336	42.803 ug/ml
Spiked Amount 50.000		Recovery =	85.61%
Target Compounds			
1) T n-Nonane (C9)	3.343	8476882	52.493 ug/ml
2) T n-Decane (C10)	4.589	9049117	54.905 ug/ml
3) T A~Naphthalene (C11.7)	6.285	10270465	56.409 ug/ml
4) T n-Dodecane (C12)	6.748	9546631	57.041 ug/ml
5) T A~2-methylnaphthalene...	7.380	10167550	57.112 ug/ml
6) T n-Tetradecane (C14)	8.577	9599542	56.976 ug/ml
7) T n-Hexadecane (C16)	10.185	9736081	55.193 ug/ml
8) T n-Octadecane (C18)	11.631	9849319	54.372 ug/ml
10) T n-Eicosane (C20)	12.942	9903511	55.962 ug/ml
11) T n-Heneicosane (C21)	13.554	9548770	53.929 ug/ml
13) T n-Docosane (C22)	14.141	9440075	53.820 ug/ml
14) T n-Tetracosane (C24)	15.232	17803077	101.326 ug/ml
15) T n-Hexacosane (C26)	16.269	8823869	51.054 ug/ml
16) T n-Octacosane (C28)	17.219	8583736	51.302 ug/ml
17) T n-Tricontane (C30)	18.111	8237116	49.733 ug/ml
18) T n-Dotriacontane (C32)	18.944	7841799	49.665 ug/ml
19) T n-Tetratriacontane (C34)	19.728	7567813	50.928 ug/ml
20) T n-Hexatriacontane (C36)	20.471	7087121	50.702 ug/ml
21) T n-Octatriacontane (C38)	21.217	7161782	53.684 ug/ml
22) T n-Tetracontane (C40)	22.146	7132685	55.280 ug/ml

(f)=RT Delta > 1/2 Window

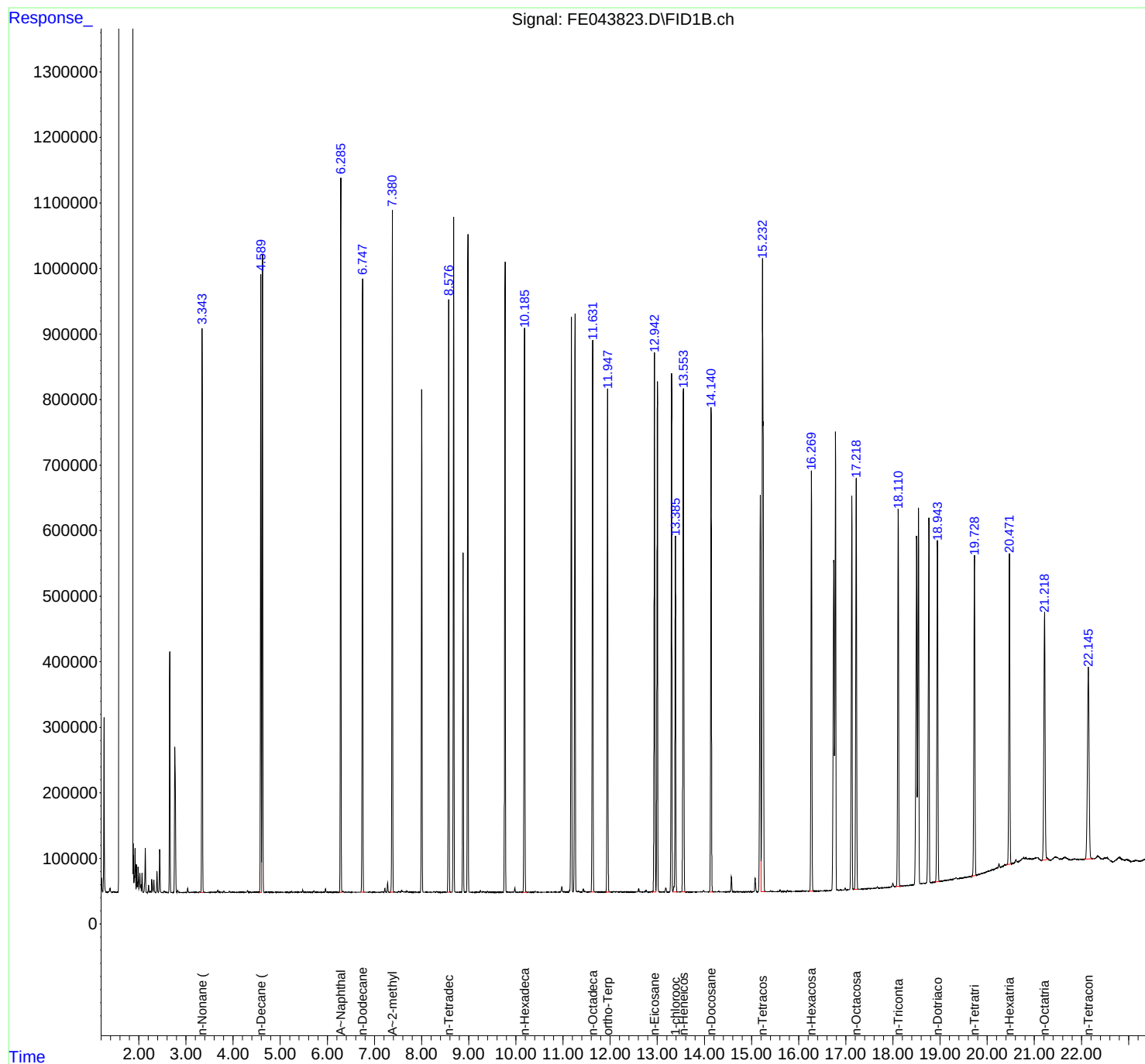
(m)=manual int.

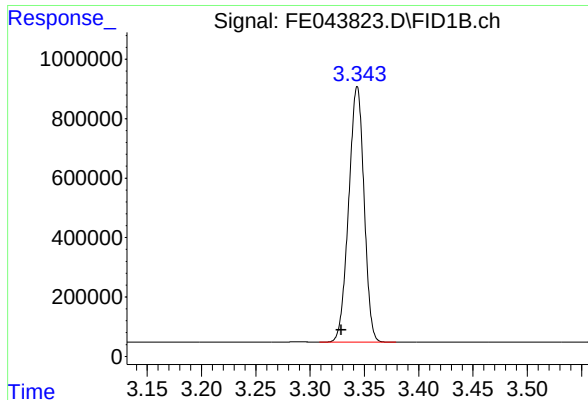
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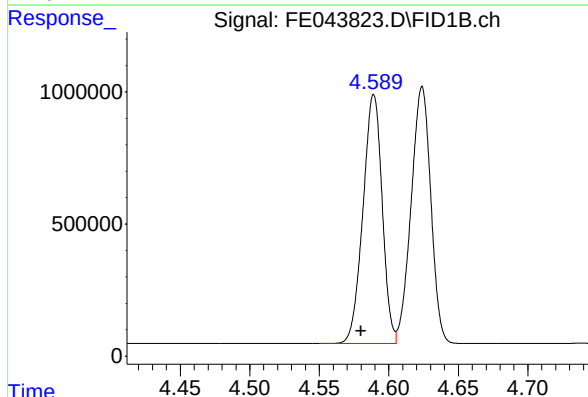




#1 n-Nonane (C9)

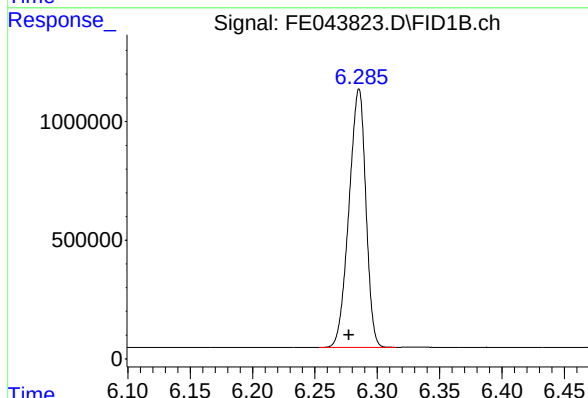
R.T.: 3.343 min
Delta R.T.: 0.014 min
Response: 8476882
Conc: 52.49 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154718BS



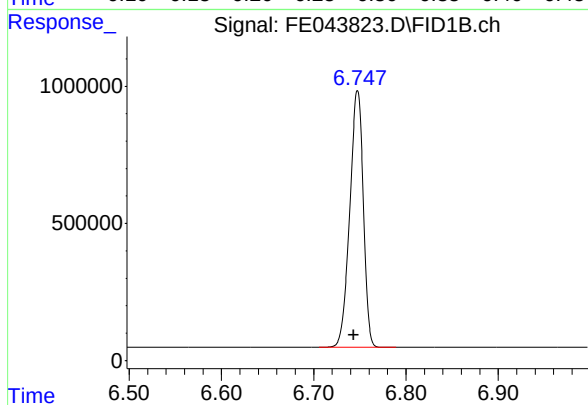
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.009 min
Response: 9049117
Conc: 54.90 ug/ml



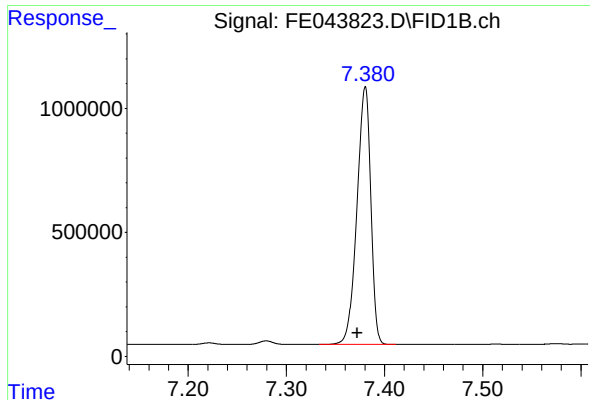
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.008 min
Response: 10270465
Conc: 56.41 ug/ml



#4 n-Dodecane (C12)

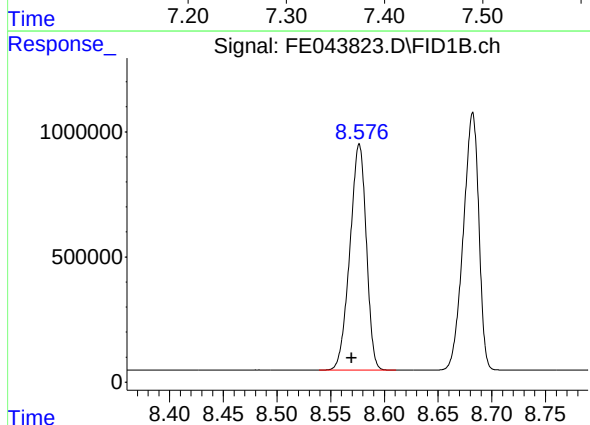
R.T.: 6.748 min
Delta R.T.: 0.004 min
Response: 9546631
Conc: 57.04 ug/ml



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

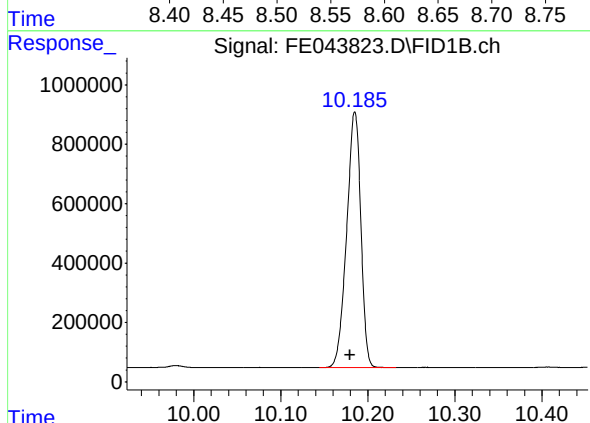
R.T.: 7.380 min
Delta R.T.: 0.008 min
Response: 10167550
Conc: 57.11 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154718BS



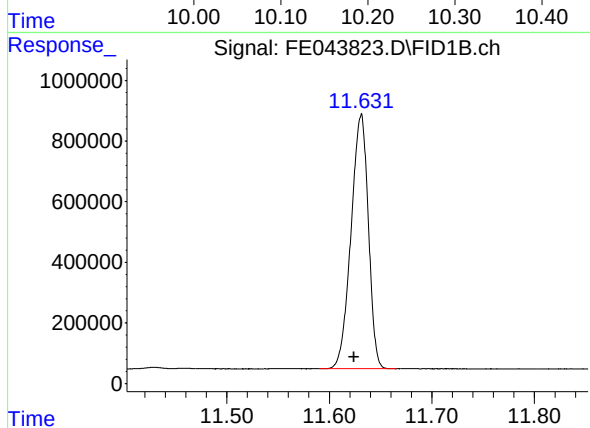
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 9599542
Conc: 56.98 ug/ml



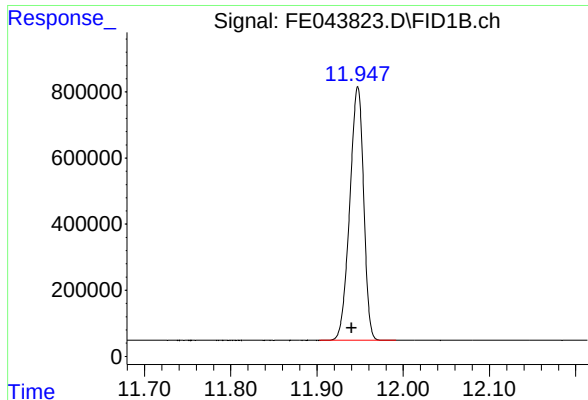
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.005 min
Response: 9736081
Conc: 55.19 ug/ml



#8 n-Octadecane (C18)

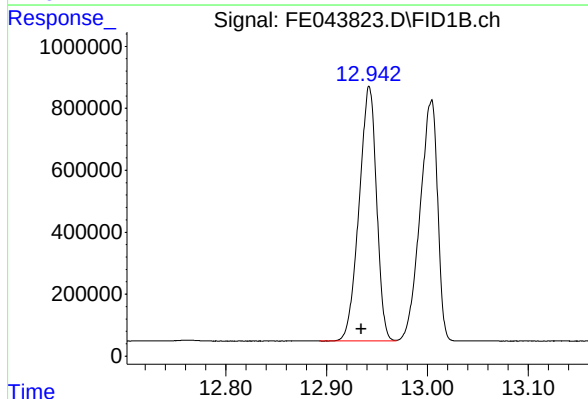
R.T.: 11.631 min
Delta R.T.: 0.007 min
Response: 9849319
Conc: 54.37 ug/ml



#9 ortho-Terphenyl (SURR)

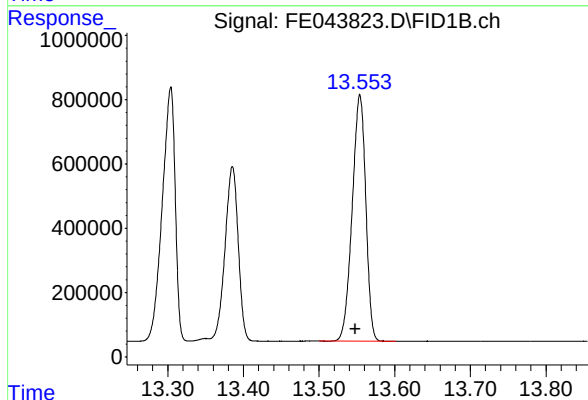
R.T.: 11.947 min
Delta R.T.: 0.007 min
Response: 8585689
Conc: 41.66 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154718BS



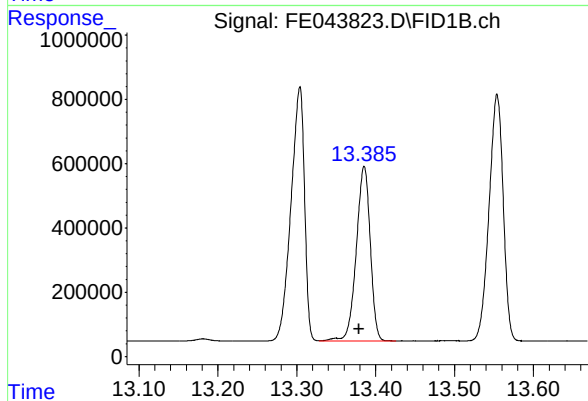
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 9903511
Conc: 55.96 ug/ml



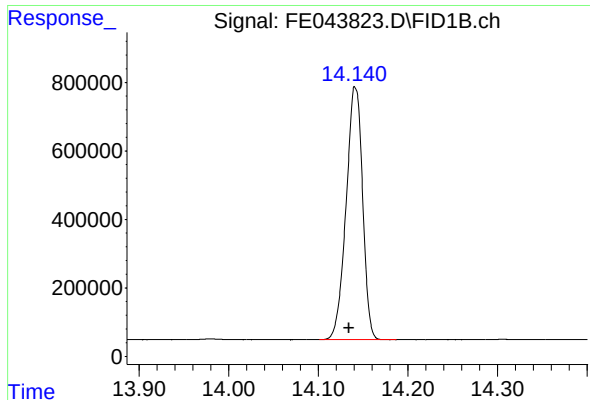
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 9548770
Conc: 53.93 ug/ml



#12 1-chlorooctadecane (SURR)

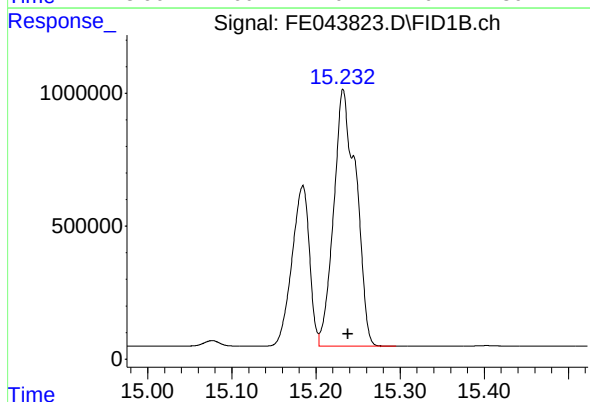
R.T.: 13.386 min
Delta R.T.: 0.006 min
Response: 6679336
Conc: 42.80 ug/ml



#13 n-Docosane (C22)

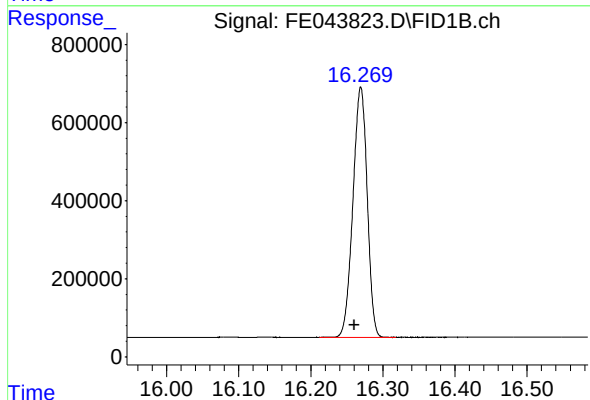
R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 9440075
Conc: 53.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154718BS



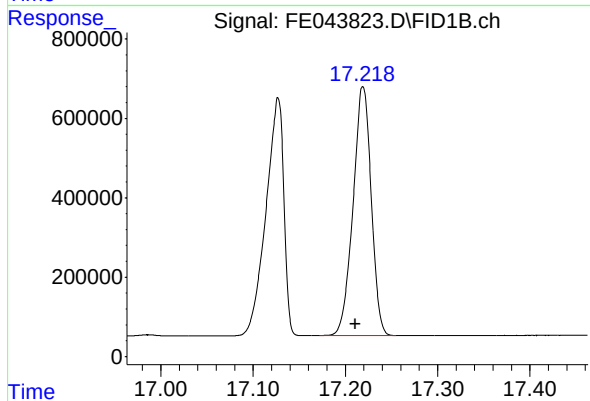
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.006 min
Response: 17803077
Conc: 101.33 ug/ml



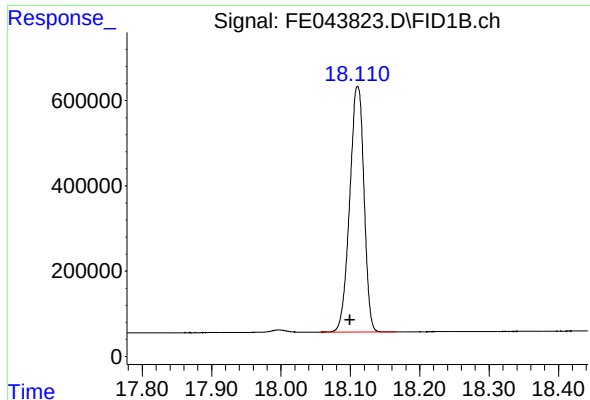
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.009 min
Response: 8823869
Conc: 51.05 ug/ml



#16 n-Octacosane (C28)

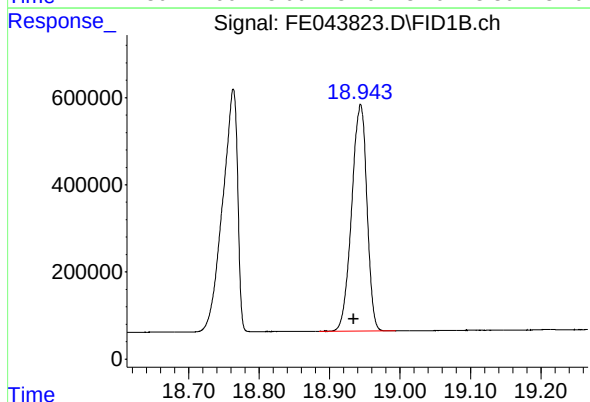
R.T.: 17.219 min
Delta R.T.: 0.008 min
Response: 8583736
Conc: 51.30 ug/ml



#17 n-Tricontane (C30)

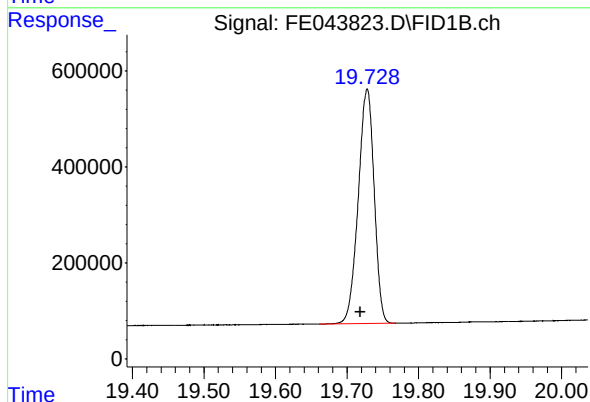
R.T.: 18.111 min
Delta R.T.: 0.011 min
Response: 8237116
Conc: 49.73 ug/ml

Instrument :
FID_E
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PB154718BS



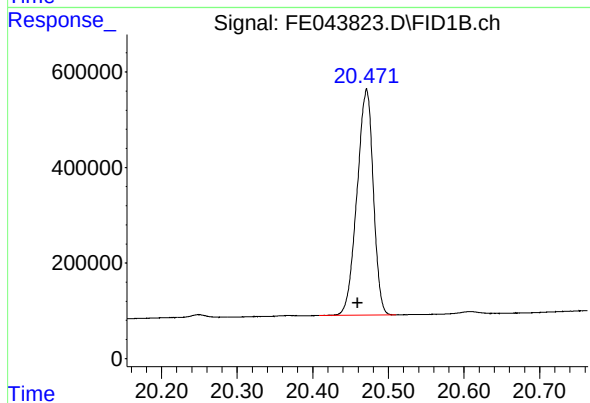
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: 0.010 min
Response: 7841799
Conc: 49.67 ug/ml



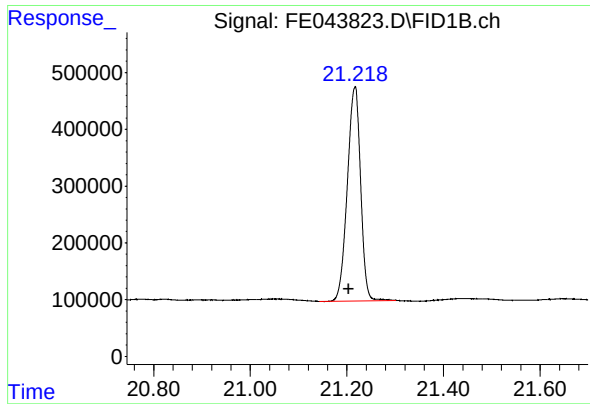
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.010 min
Response: 7567813
Conc: 50.93 ug/ml



#20 n-Hexatriacontane (C36)

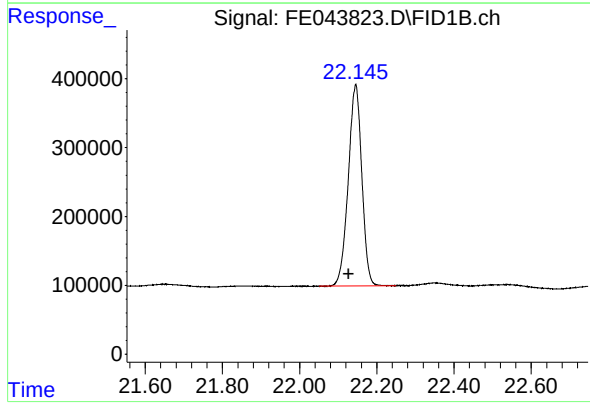
R.T.: 20.471 min
Delta R.T.: 0.012 min
Response: 7087121
Conc: 50.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.014 min
Response: 7161782
Conc: 53.68 ug/ml

Instrument :
FID_E
ClientSampleId :
PB154718BS



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.019 min
Response: 7132685
Conc: 55.28 ug/ml