

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AL\
 Data File : FD045771.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 09:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 29 01:33:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Mon May 29 01:31:07 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)	11.430	3897034	20.631 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	12.861	2868440	20.633 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.252	3111672	20.633 ug/ml
2) T n-Decane (C10)	4.308	3168150	20.576 ug/ml
3) T A~Naphthalene (C11.7)	5.873	3514350	20.631 ug/ml
4) T n-Dodecane (C12)	6.313	3203489	20.615 ug/ml
5) T A~2-methylnaphthalene...	6.923	3412465	20.631 ug/ml
6) T n-Tetradecane (C14)	8.098	3211690	20.638 ug/ml
7) T n-Hexadecane (C16)	9.690	3339590	20.598 ug/ml
8) T n-Octadecane (C18)	11.122	3415203	20.666 ug/ml
10) T n-Eicosane (C20)	12.423	3307143	20.691 ug/ml
11) T n-Heneicosane (C21)	13.030	3260078	20.654 ug/ml
13) T n-Docosane (C22)	13.612	3240371	20.653 ug/ml
14) T n-Tetracosane (C24)	14.707	3212573	20.685 ug/ml
15) T n-Hexacosane (C26)	15.720	3071161	20.737 ug/ml
16) T n-Octacosane (C28)	16.662	2890068	20.736 ug/ml
17) T n-Tricontane (C30)	17.543	2773863	20.737 ug/ml
18) T n-Dotriacontane (C32)	18.369	2589363	20.668 ug/ml
19) T n-Tetratriacontane (C34)	19.146	2464111	20.630 ug/ml
20) T n-Hexatriacontane (C36)	19.880	2374566	20.691 ug/ml
21) T n-Octatriacontane (C38)	20.582	2359417	20.633 ug/ml
22) T n-Tetracontane (C40)	21.412	2289212	20.804 ug/ml

(f)=RT Delta > 1/2 Window

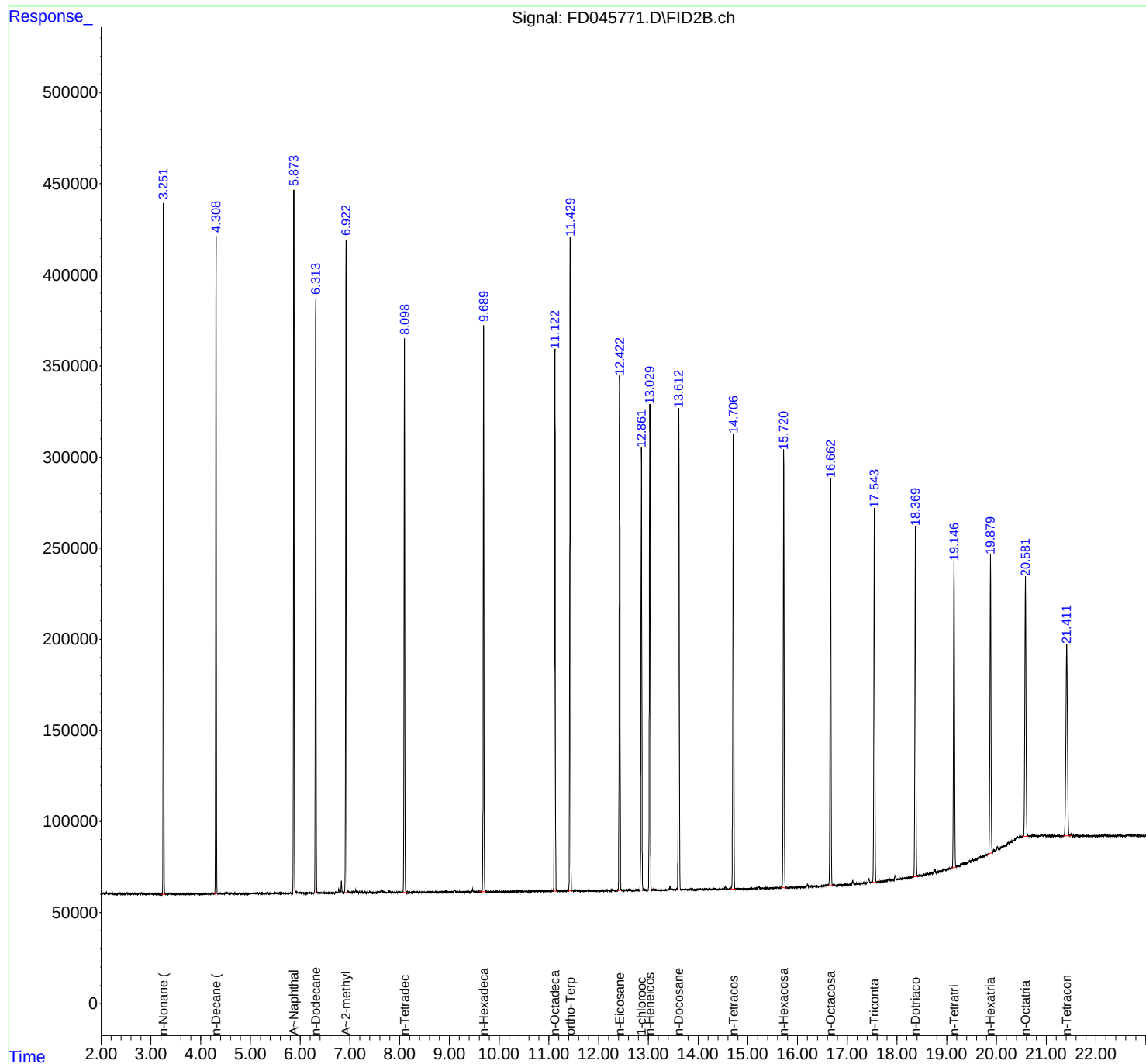
(m)=manual int.

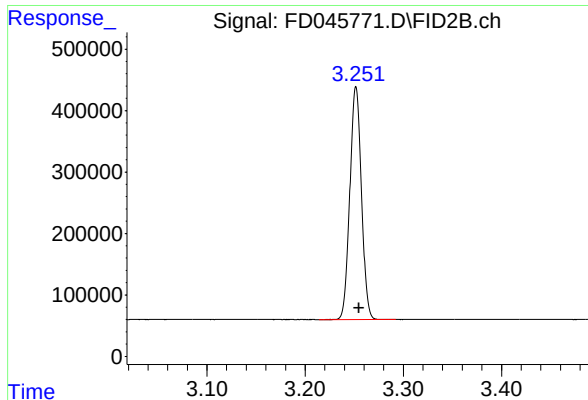
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#1 n-Nonane (C9)

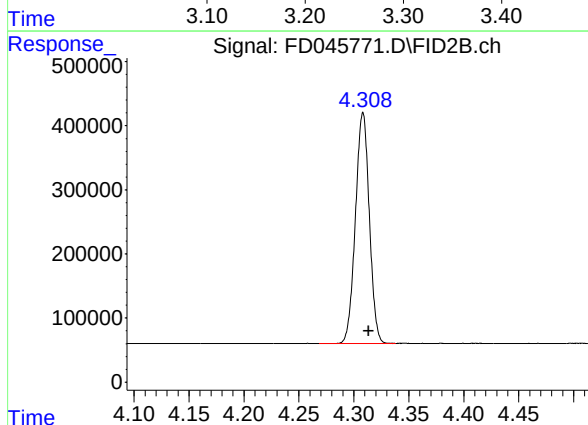
R.T.: 3.252 min
Delta R.T.: -0.003 min
Response: 3111672
Conc: 20.63 ug/ml

Instrument :

FID_D

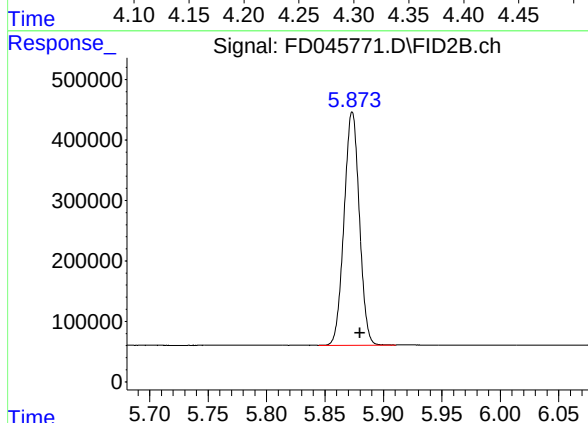
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



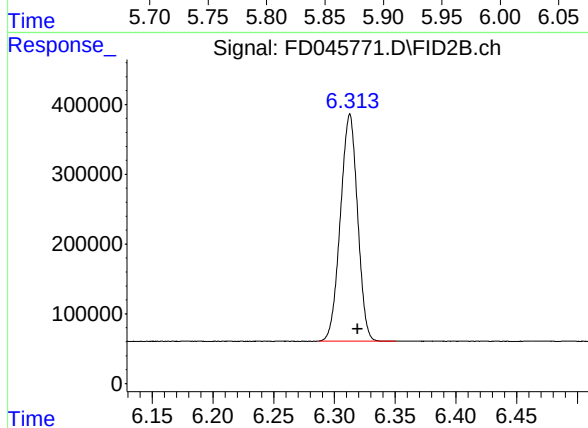
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: -0.005 min
Response: 3168150
Conc: 20.58 ug/ml



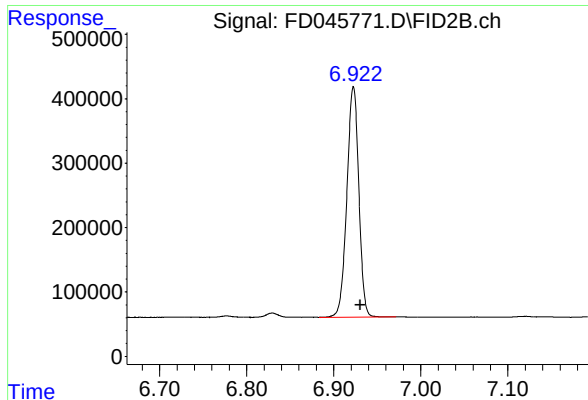
#3 A~Naphthalene (C11.7)

R.T.: 5.873 min
Delta R.T.: -0.007 min
Response: 3514350
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

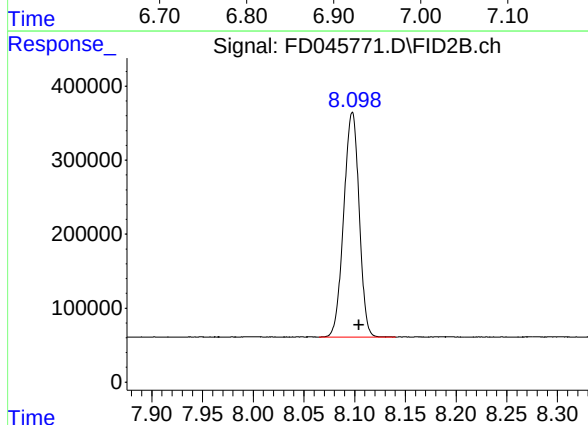
R.T.: 6.313 min
Delta R.T.: -0.006 min
Response: 3203489
Conc: 20.62 ug/ml



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

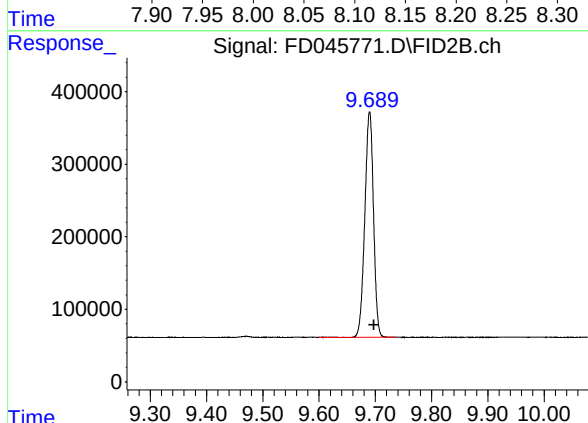
R.T.: 6.923 min
Delta R.T.: -0.008 min
Response: 3412465
Conc: 20.63 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



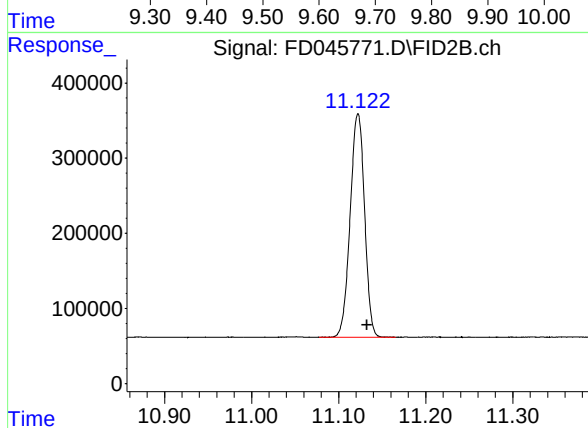
#6 n-Tetradecane (C14)

R.T.: 8.098 min
Delta R.T.: -0.007 min
Response: 3211690
Conc: 20.64 ug/ml



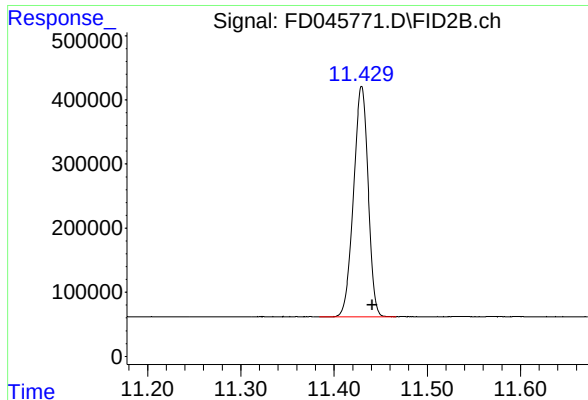
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: -0.008 min
Response: 3339590
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.122 min
Delta R.T.: -0.011 min
Response: 3415203
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

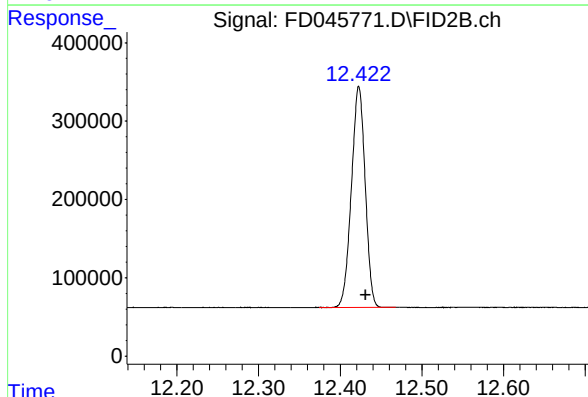
R.T.: 11.430 min
Delta R.T.: -0.011 min
Response: 3897034
Conc: 20.63 ug/ml

Instrument :

FID_D

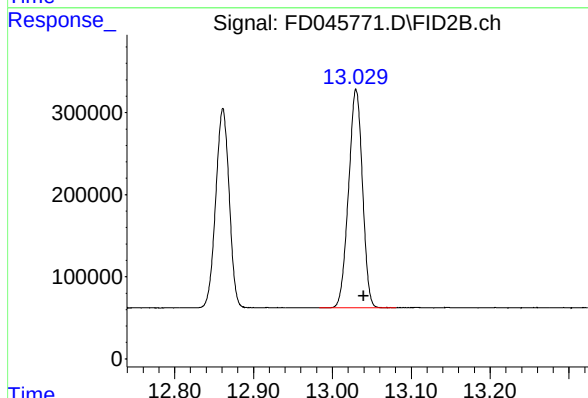
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



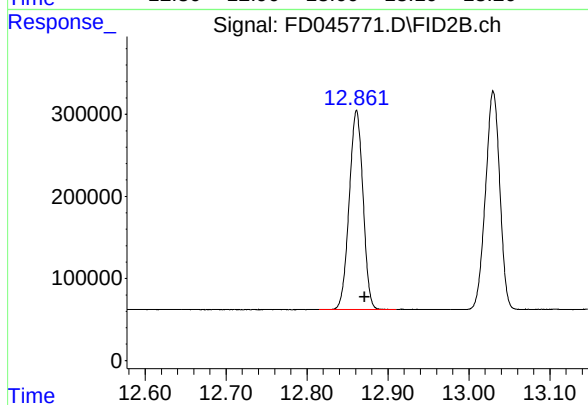
#10 n-Eicosane (C20)

R.T.: 12.423 min
Delta R.T.: -0.008 min
Response: 3307143
Conc: 20.69 ug/ml



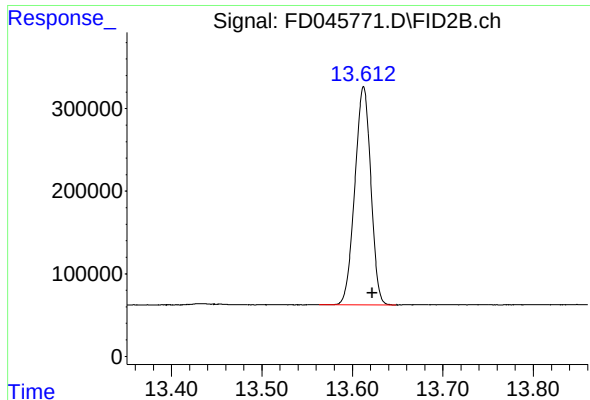
#11 n-Heneicosane (C21)

R.T.: 13.030 min
Delta R.T.: -0.009 min
Response: 3260078
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.861 min
Delta R.T.: -0.010 min
Response: 2868440
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

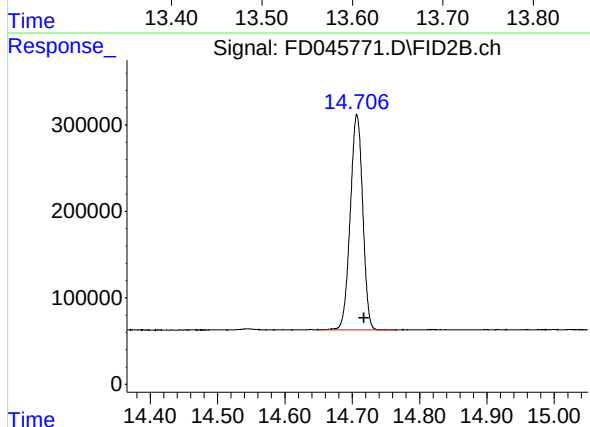
R.T.: 13.612 min
Delta R.T.: -0.010 min
Response: 3240371
Conc: 20.65 ug/ml

Instrument :

FID_D

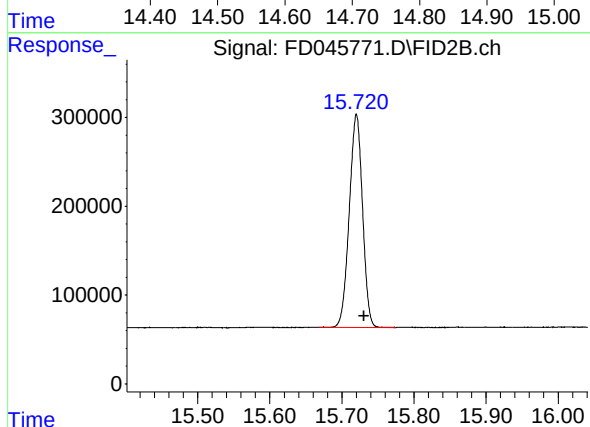
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



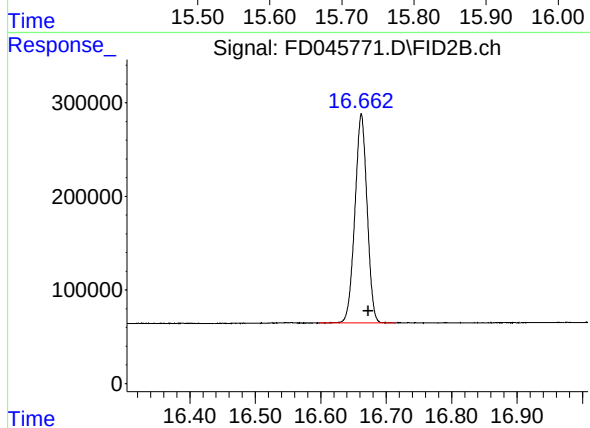
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.011 min
Response: 3212573
Conc: 20.69 ug/ml



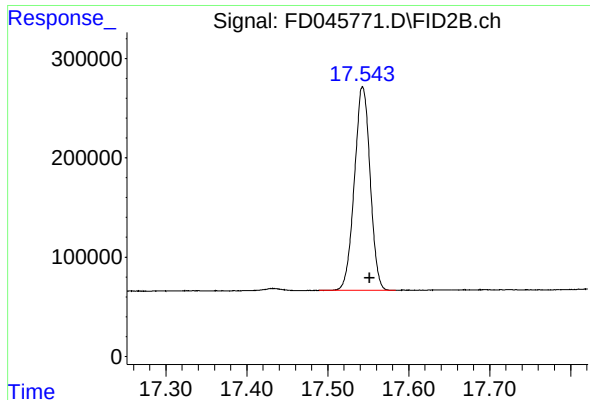
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: -0.010 min
Response: 3071161
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: -0.011 min
Response: 2890068
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

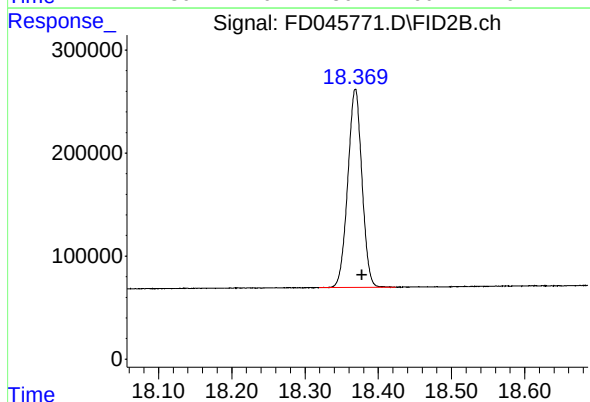
R.T.: 17.543 min
Delta R.T.: -0.009 min
Response: 2773863
Conc: 20.74 ug/ml

Instrument :

FID_D

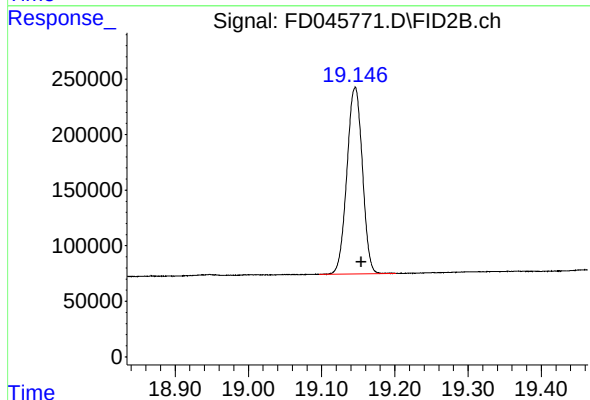
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



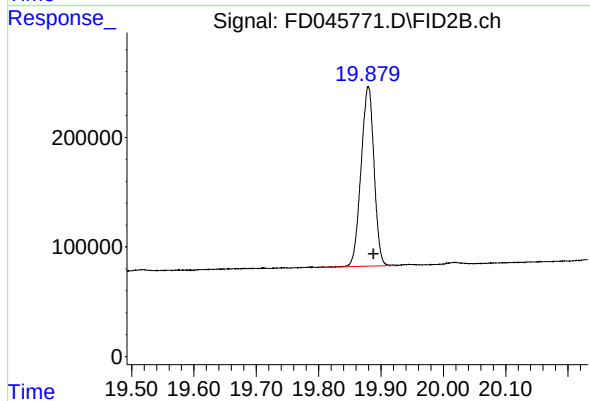
#18 n-Dotriacontane (C32)

R.T.: 18.369 min
Delta R.T.: -0.009 min
Response: 2589363
Conc: 20.67 ug/ml



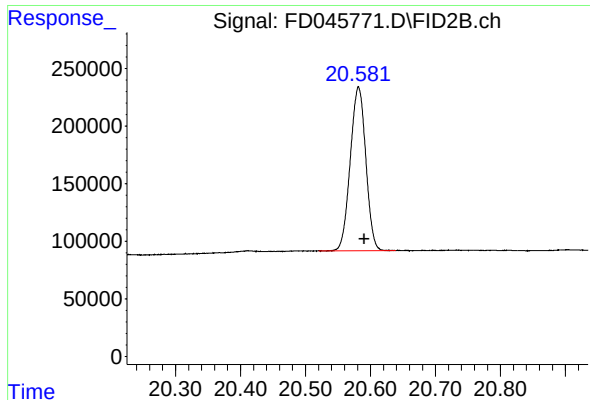
#19 n-Tetatriacontane (C34)

R.T.: 19.146 min
Delta R.T.: -0.008 min
Response: 2464111
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.880 min
Delta R.T.: -0.009 min
Response: 2374566
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

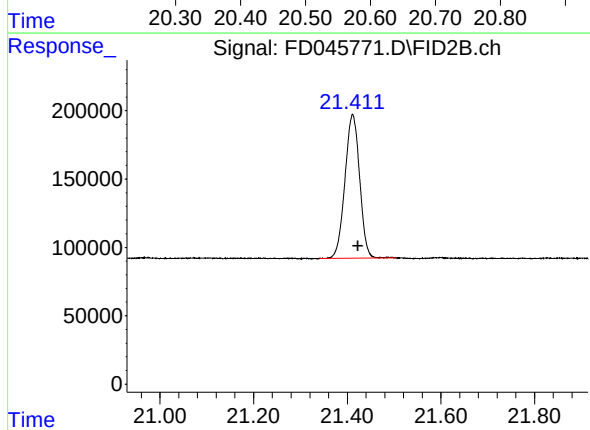
R.T.: 20.582 min
Delta R.T.: -0.009 min
Response: 2359417
Conc: 20.63 ug/ml

Instrument :

FID_D

ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.412 min
Delta R.T.: -0.012 min
Response: 2289212
Conc: 20.80 ug/ml