

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041802.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2023 01:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 09 01:42:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.969	3333335	17.768 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.406	2434374	17.232 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
Target Compounds			
1) T n-Nonane (C9)	3.349	2637241	17.941 ug/ml
2) T n-Decane (C10)	4.602	2756795	18.381 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3016608	18.228 ug/ml
4) T n-Dodecane (C12)	6.770	2786078	18.324 ug/ml
5) T A~2-methylnaphthalene...	7.404	2941018	18.239 ug/ml
6) T n-Tetradecane (C14)	8.599	2787756	18.352 ug/ml
7) T n-Hexadecane (C16)	10.207	2897618	18.157 ug/ml
8) T n-Octadecane (C18)	11.651	2952440	18.012 ug/ml
10) T n-Eicosane (C20)	12.961	2848586	17.710 ug/ml
11) T n-Heneicosane (C21)	13.573	2800299	17.571 ug/ml
13) T n-Docosane (C22)	14.159	2781582	17.458 ug/ml
14) T n-Tetracosane (C24)	15.262	2782660	17.260 ug/ml
15) T n-Hexacosane (C26)	16.283	2713661	17.165 ug/ml
16) T n-Octacosane (C28)	17.233	2683661	17.441 ug/ml
17) T n-Tricontane (C30)	18.121	2813443	18.473 ug/ml
18) T n-Dotriacontane (C32)	18.953	2785480	18.697 ug/ml
19) T n-Tetratriacontane (C34)	19.736	2641611	18.751 ug/ml
20) T n-Hexatriacontane (C36)	20.477	2520294	18.846 ug/ml
21) T n-Octatriacontane (C38)	21.227	2478982	18.761 ug/ml
22) T n-Tetracontane (C40)	22.165	2456535	19.402 ug/ml

(f)=RT Delta > 1/2 Window

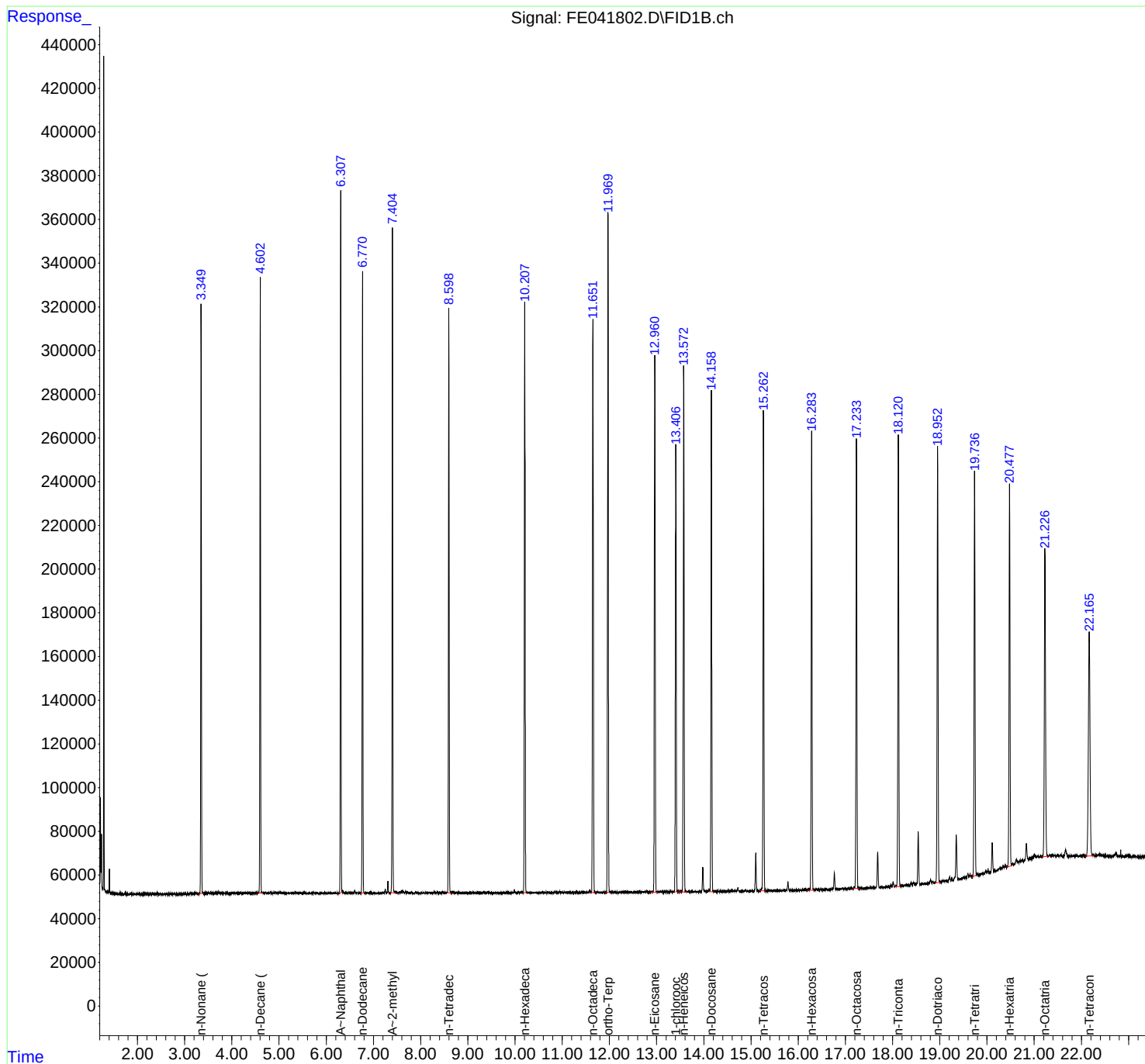
(m)=manual int.

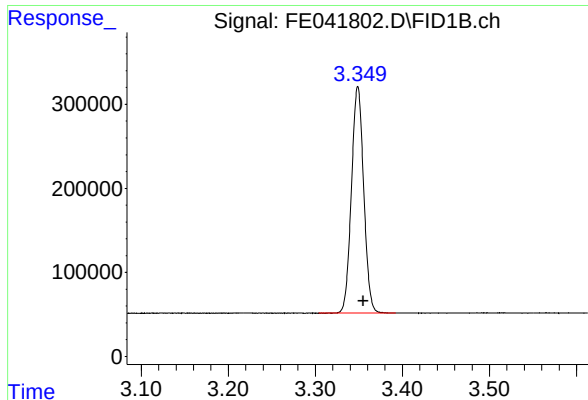
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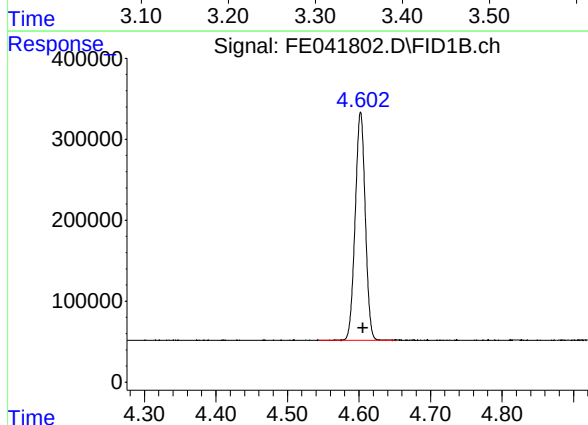




#1 n-Nonane (C9)

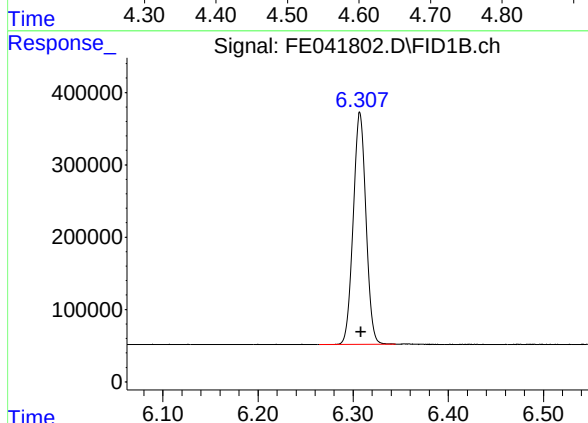
R.T.: 3.349 min
Delta R.T.: -0.006 min
Response: 2637241
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



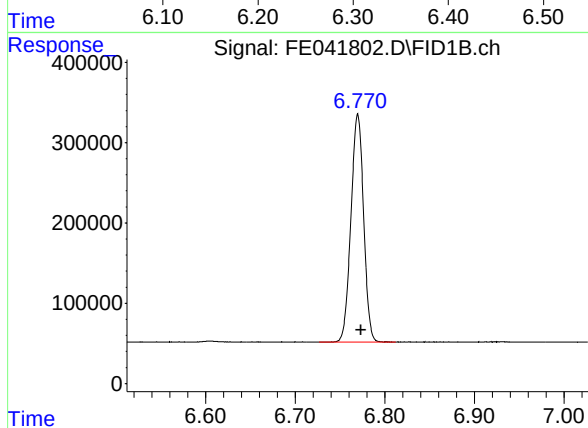
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 2756795
Conc: 18.38 ug/ml



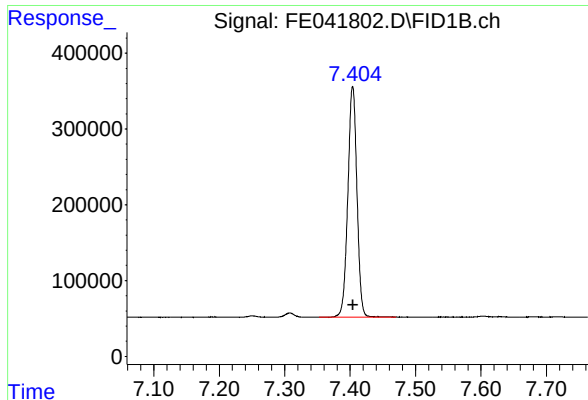
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 3016608
Conc: 18.23 ug/ml



#4 n-Dodecane (C12)

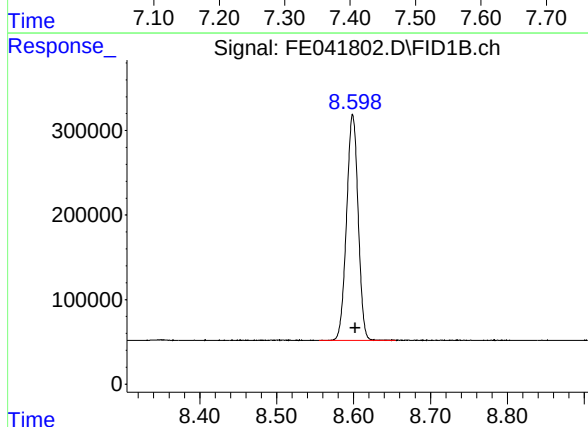
R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 2786078
Conc: 18.32 ug/ml



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

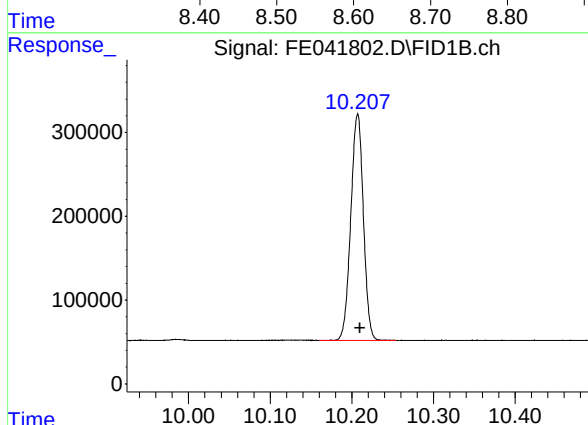
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 2941018
Conc: 18.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



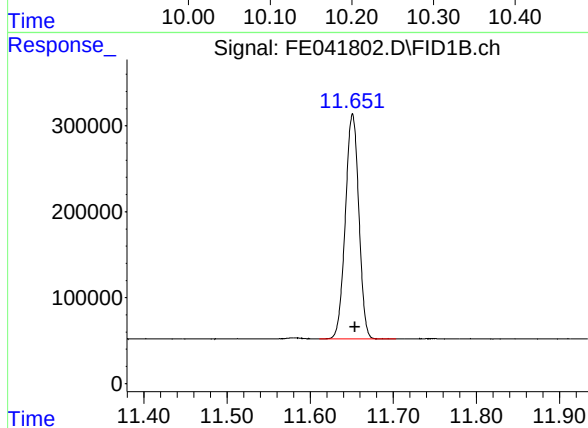
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 2787756
Conc: 18.35 ug/ml



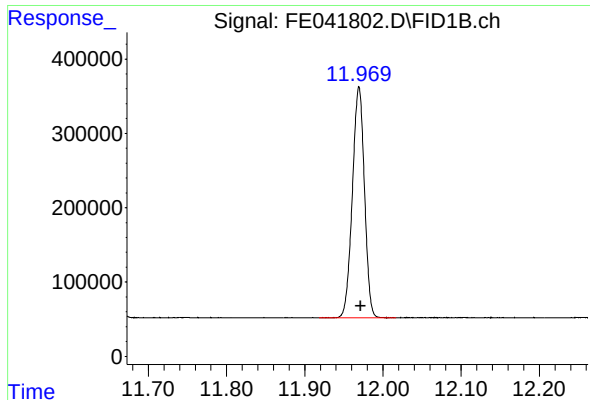
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.003 min
Response: 2897618
Conc: 18.16 ug/ml



#8 n-Octadecane (C18)

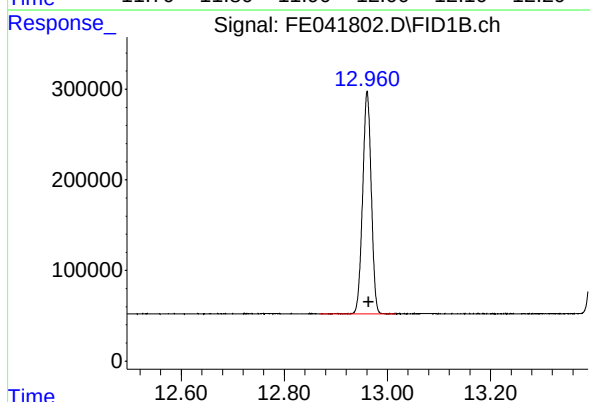
R.T.: 11.651 min
Delta R.T.: -0.003 min
Response: 2952440
Conc: 18.01 ug/ml



#9 ortho-Terphenyl (SURR)

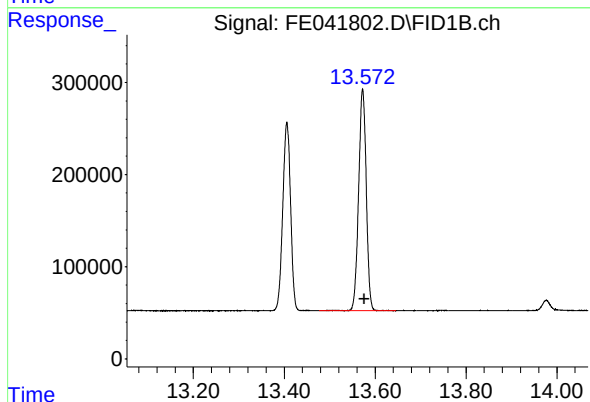
R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 3333335
Conc: 17.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



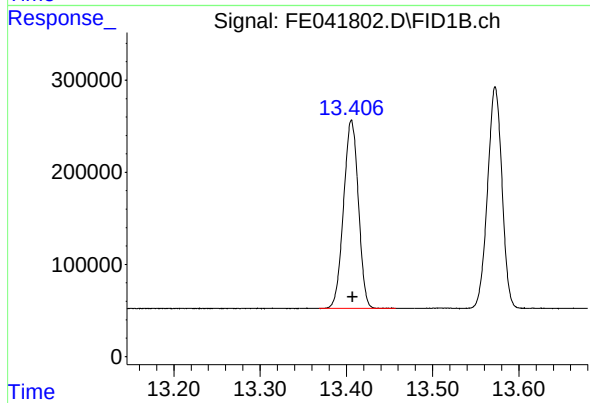
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.003 min
Response: 2848586
Conc: 17.71 ug/ml



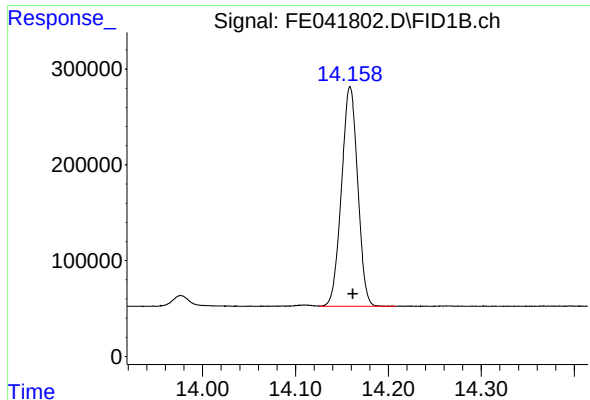
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.003 min
Response: 2800299
Conc: 17.57 ug/ml



#12 1-chlorooctadecane (SURR)

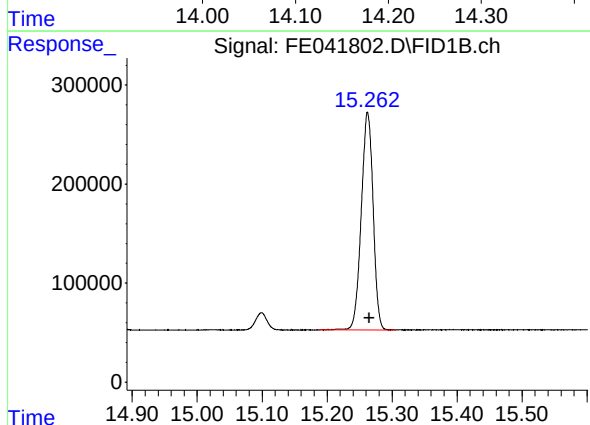
R.T.: 13.406 min
Delta R.T.: -0.002 min
Response: 2434374
Conc: 17.23 ug/ml



#13 n-Docosane (C22)

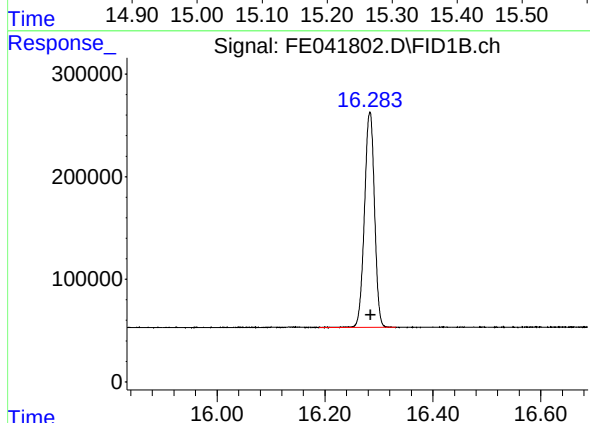
R.T.: 14.159 min
Delta R.T.: -0.003 min
Response: 2781582
Conc: 17.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



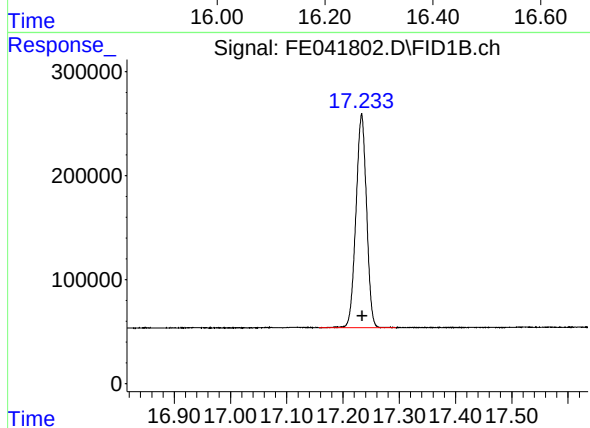
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: -0.003 min
Response: 2782660
Conc: 17.26 ug/ml



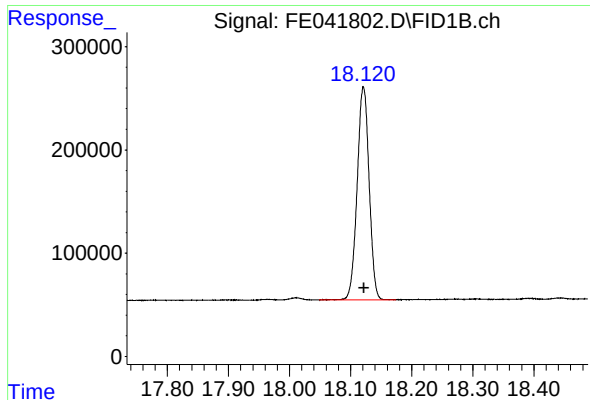
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.001 min
Response: 2713661
Conc: 17.16 ug/ml



#16 n-Octacosane (C28)

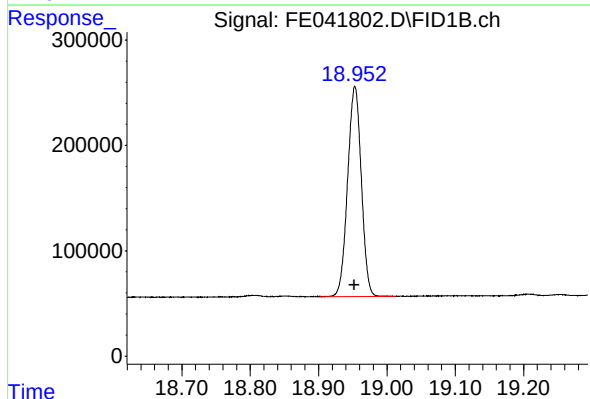
R.T.: 17.233 min
Delta R.T.: 0.000 min
Response: 2683661
Conc: 17.44 ug/ml



#17 n-Tricontane (C30)

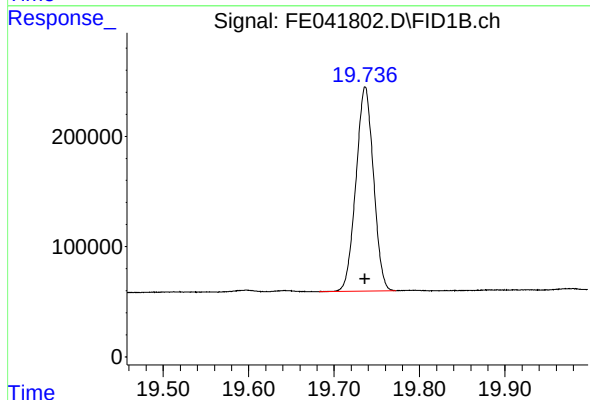
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2813443
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



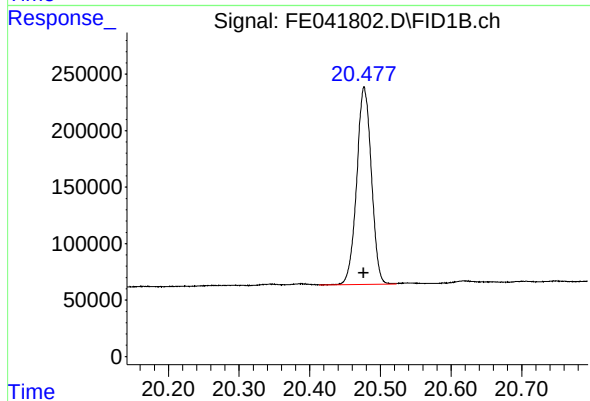
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.001 min
Response: 2785480
Conc: 18.70 ug/ml



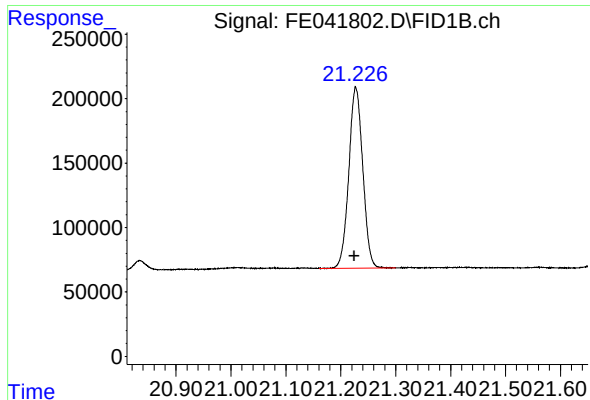
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.000 min
Response: 2641611
Conc: 18.75 ug/ml



#20 n-Hexatriacontane (C36)

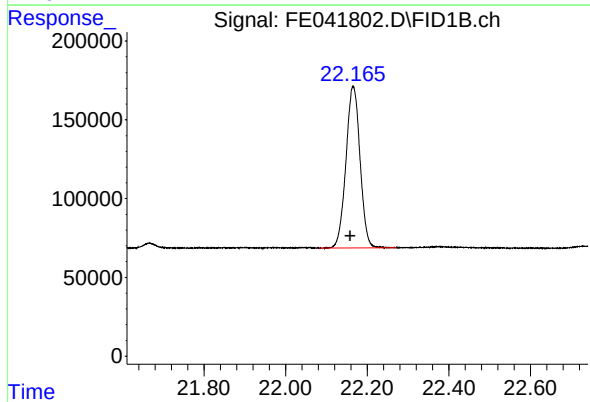
R.T.: 20.477 min
Delta R.T.: 0.000 min
Response: 2520294
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: 0.003 min
Response: 2478982
Conc: 18.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.007 min
Response: 2456535
Conc: 19.40 ug/ml