

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083021AL\
 Data File : FD038723.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 5:03
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 31 06:03:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 04:44:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.676	757321	5.228 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
12) S 1-chlorooctadecane (S...	13.103	599665	5.234 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
Target Compounds			
1) T n-Nonane (C9)	3.439	652103	5.186 ug/ml
2) T n-Decane (C10)	4.508	664061	5.195 ug/ml
3) T A~Naphthalene (C11.7)	6.098	745904	5.190 ug/ml
4) T n-Dodecane (C12)	6.523	672857	5.194 ug/ml
5) T A~2-methylnaphthalene...	7.152	757569	5.192 ug/ml
6) T n-Tetradecane (C14)	8.316	688740	5.179 ug/ml
7) T n-Hexadecane (C16)	9.913	700001	5.191 ug/ml
8) T n-Octadecane (C18)	11.351	717024	5.205 ug/ml
10) T n-Eicosane (C20)	12.658	709419	5.224 ug/ml
11) T n-Heneicosane (C21)	13.268	720584	5.278 ug/ml
13) T n-Docosane (C22)	13.853	701082	5.223 ug/ml
14) T n-Tetracosane (C24)	14.952	689387	5.239 ug/ml
15) T n-Hexacosane (C26)	15.968	655168	5.242 ug/ml
16) T n-Octacosane (C28)	16.916	627003	5.265 ug/ml
17) T n-Tricontane (C30)	17.799	600637	5.339 ug/ml
18) T n-Dotriacontane (C32)	18.628	570827	5.411 ug/ml
19) T n-Tetratriacontane (C34)	19.407	542007	5.310 ug/ml
20) T n-Hexatriacontane (C36)	20.143	505435	5.236 ug/ml
21) T n-Octatriacontane (C38)	20.887	485084	5.230 ug/ml
22) T n-Tetracontane (C40)	21.817	481212	5.130 ug/ml

(f)=RT Delta > 1/2 Window

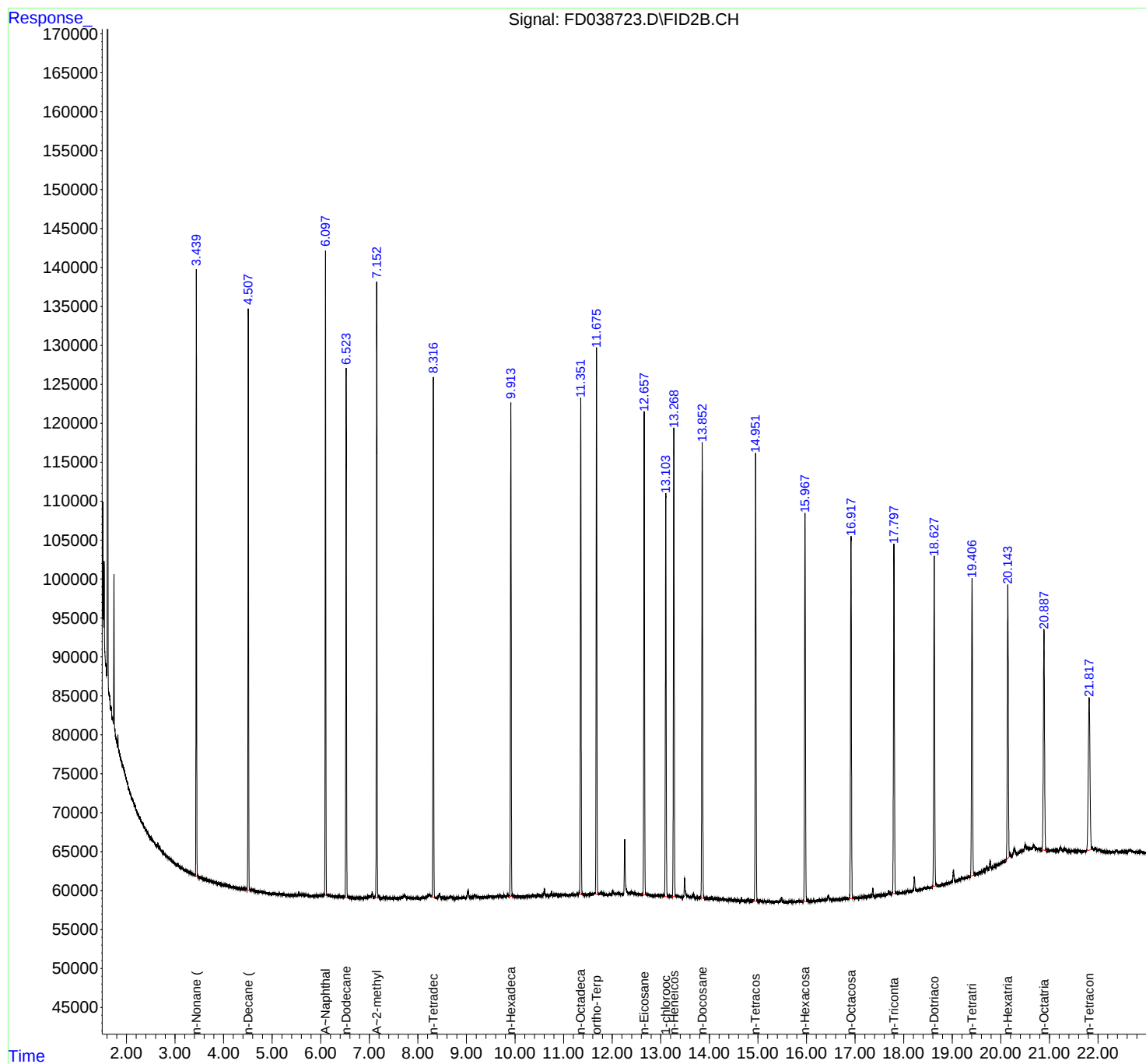
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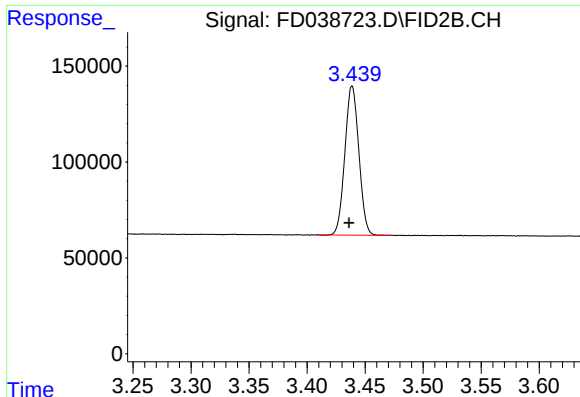
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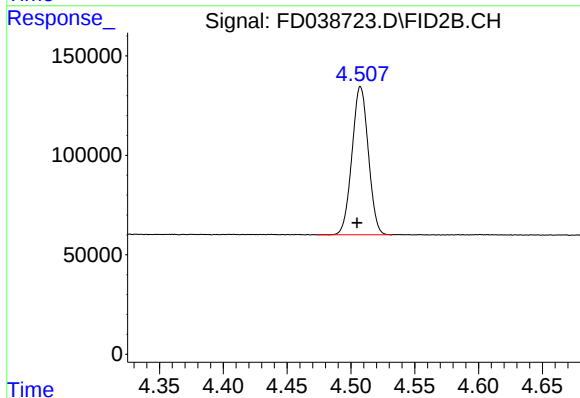




#1 n-Nonane (C9)

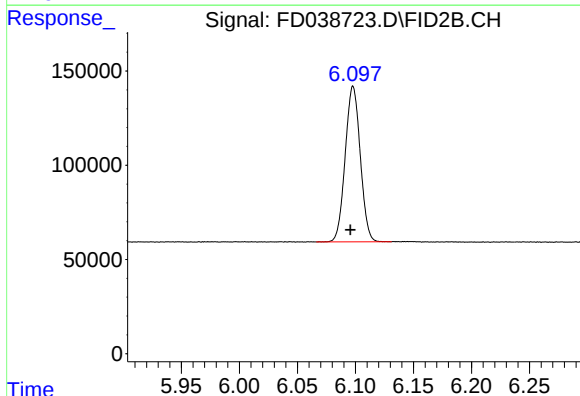
R.T.: 3.439 min
Delta R.T.: 0.003 min
Response: 652103
Conc: 5.19 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



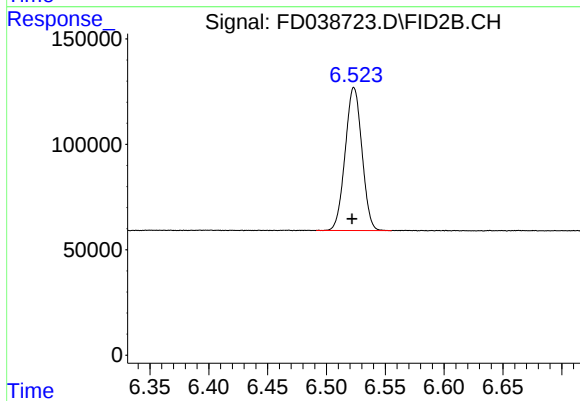
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.003 min
Response: 664061
Conc: 5.19 ug/ml



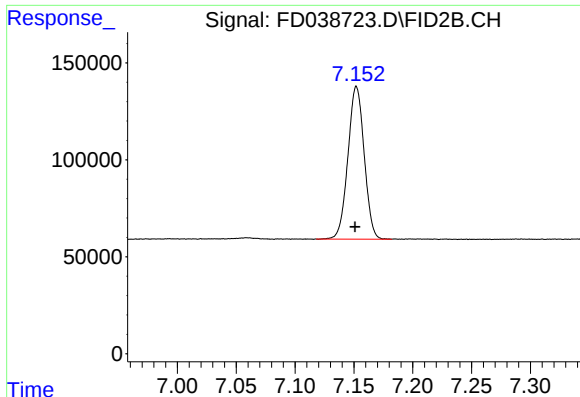
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 745904
Conc: 5.19 ug/ml



#4 n-Dodecane (C12)

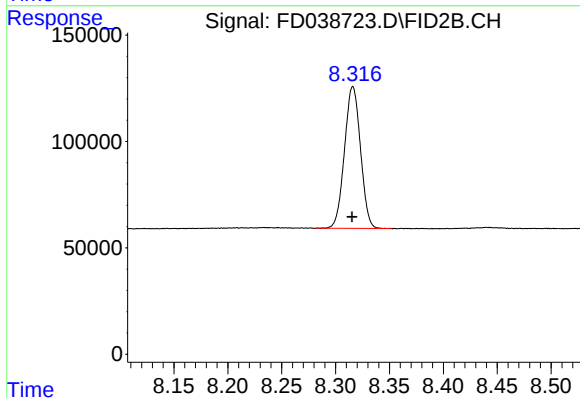
R.T.: 6.523 min
Delta R.T.: 0.002 min
Response: 672857
Conc: 5.19 ug/ml



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

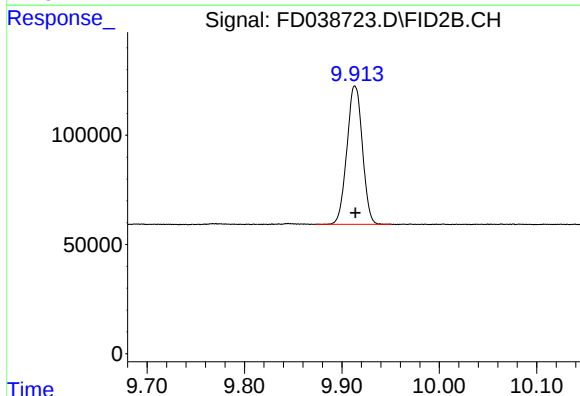
R.T.: 7.152 min
Delta R.T.: 0.001 min
Response: 757569
Conc: 5.19 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



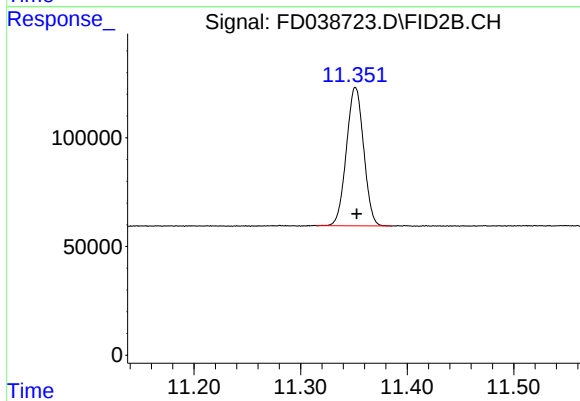
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 688740
Conc: 5.18 ug/ml



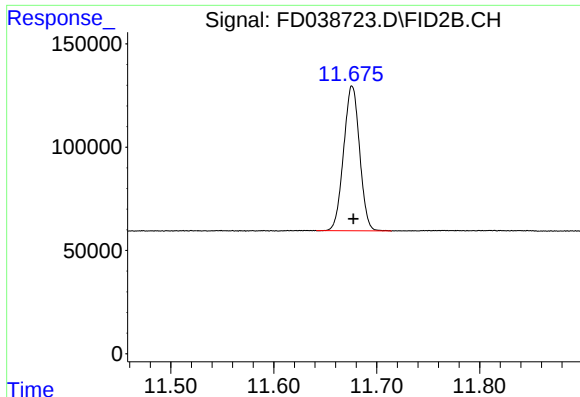
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 700001
Conc: 5.19 ug/ml



#8 n-Octadecane (C18)

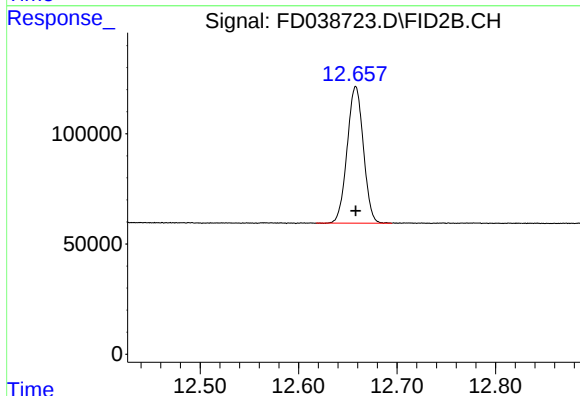
R.T.: 11.351 min
Delta R.T.: -0.001 min
Response: 717024
Conc: 5.20 ug/ml



#9 ortho-Terphenyl (SURR)

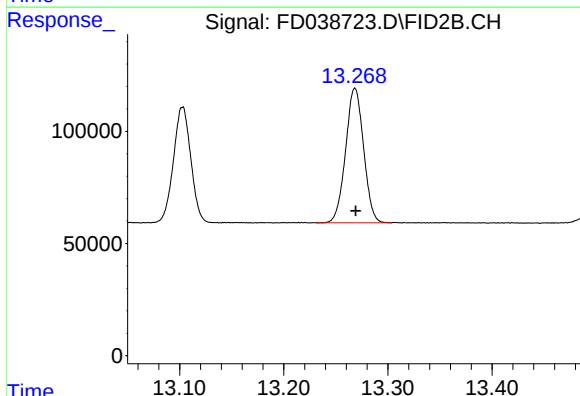
R.T.: 11.676 min
Delta R.T.: -0.001 min
Response: 757321
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



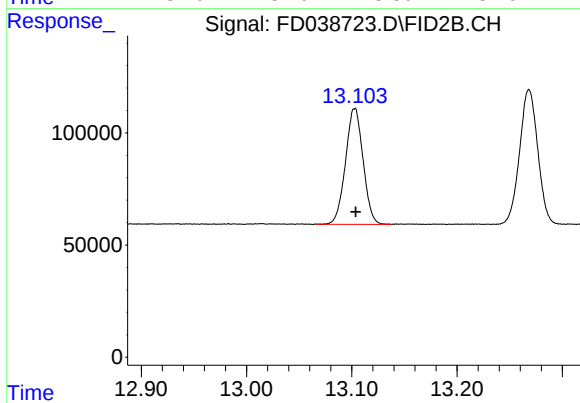
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 709419
Conc: 5.22 ug/ml



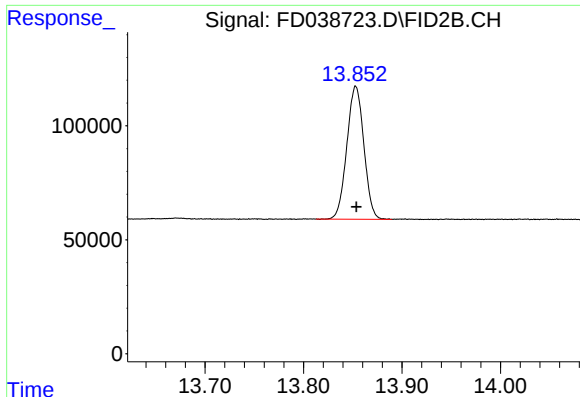
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 720584
Conc: 5.28 ug/ml



#12 1-chlorooctadecane (SURR)

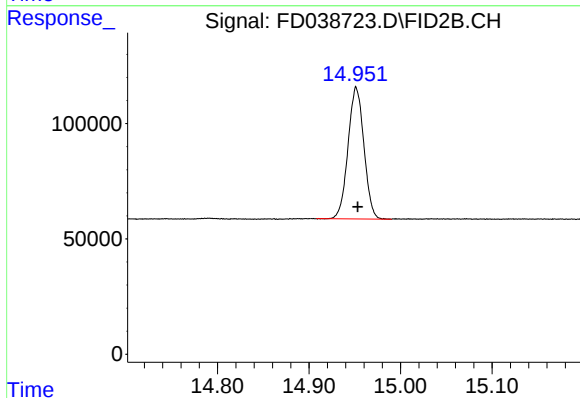
R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 599665
Conc: 5.23 ug/ml



#13 n-Docosane (C22)

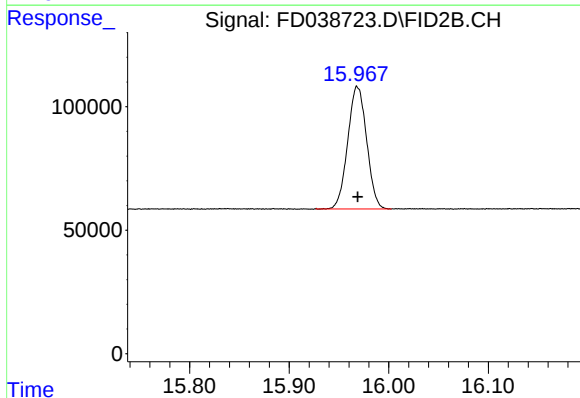
R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 701082
Conc: 5.22 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



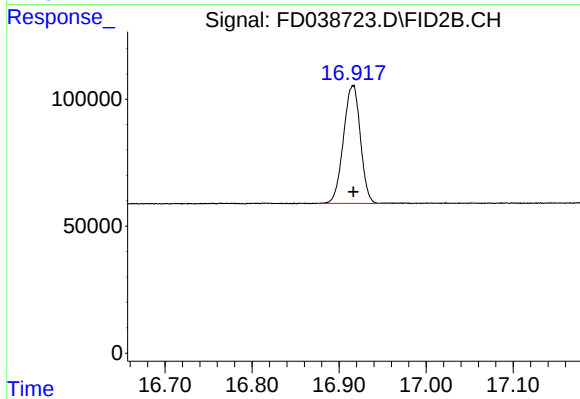
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: -0.002 min
Response: 689387
Conc: 5.24 ug/ml



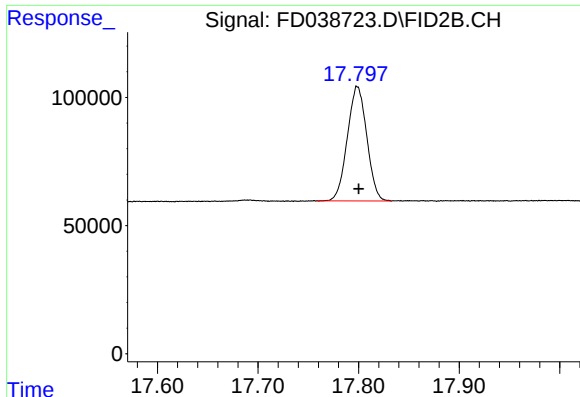
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: 0.000 min
Response: 655168
Conc: 5.24 ug/ml



#16 n-Octacosane (C28)

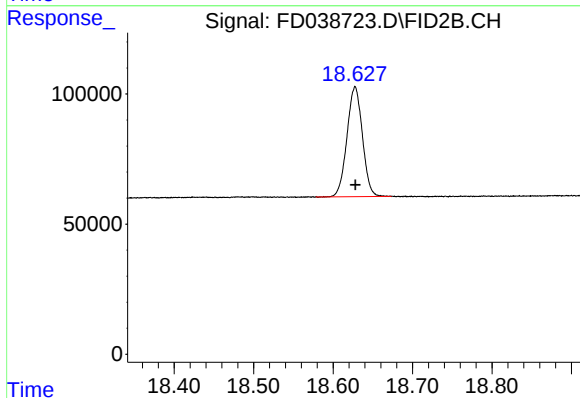
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 627003
Conc: 5.26 ug/ml



#17 n-Tricontane (C30)

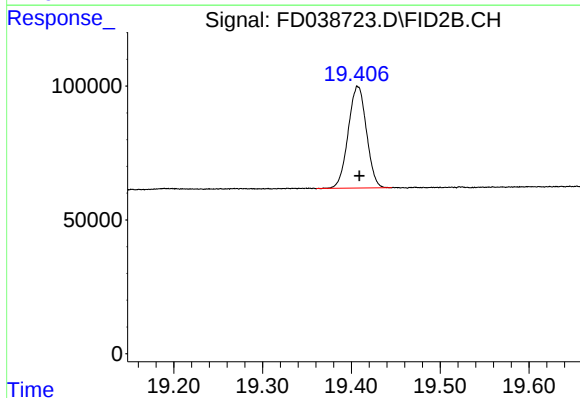
R.T.: 17.799 min
Delta R.T.: -0.001 min
Response: 600637
Conc: 5.34 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



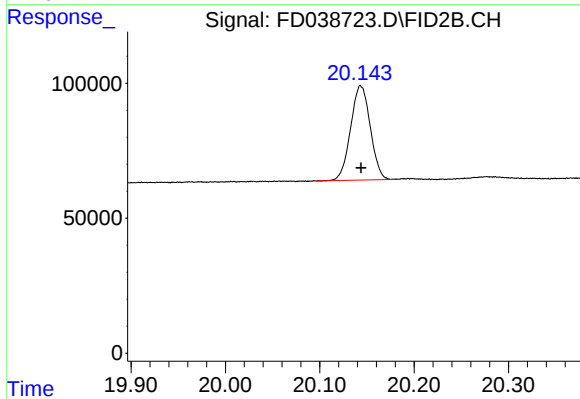
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: 0.000 min
Response: 570827
Conc: 5.41 ug/ml



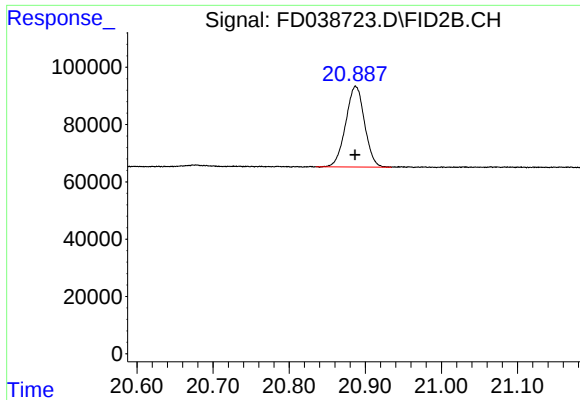
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: -0.002 min
Response: 542007
Conc: 5.31 ug/ml



#20 n-Hexatriacontane (C36)

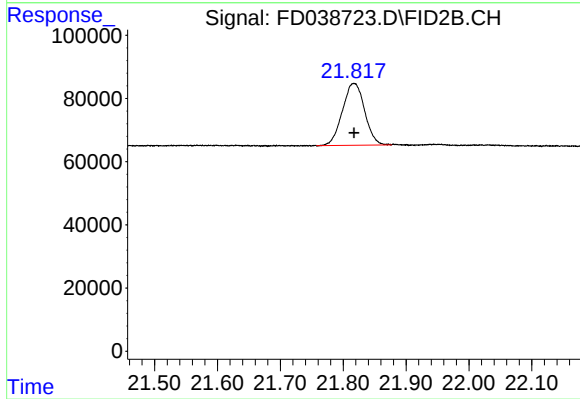
R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 505435
Conc: 5.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.000 min
Response: 485084
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: 0.000 min
Response: 481212
Conc: 5.13 ug/ml