

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
 Data File : FD038059.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2021 18:48
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 07 10:10:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:09:32 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)	11.425	7284478	49.885 ug/ml
Spiked Amount 50.000		Recovery =	99.77%
12) S 1-chlorooctadecane (S...	12.858	5765298	49.681 ug/ml
Spiked Amount 50.000		Recovery =	99.36%
Target Compounds			
1) T n-Nonane (C9)	3.239	6124913	49.961 ug/ml
2) T n-Decane (C10)	4.295	6200845	50.308 ug/ml
3) T A~Naphthalene (C11.7)	5.863	6982734	50.686 ug/ml
4) T n-Dodecane (C12)	6.300	6279276	50.250 ug/ml
5) T A~2-methylnaphthalene...	6.914	7017724	50.458 ug/ml
6) T n-Tetradecane (C14)	8.087	6462523	50.342 ug/ml
7) T n-Hexadecane (C16)	9.680	6588132	50.465 ug/ml
8) T n-Octadecane (C18)	11.116	6811205	50.056 ug/ml
10) T n-Eicosane (C20)	12.418	6759567	49.662 ug/ml
11) T n-Heneicosane (C21)	13.027	6825400	49.249 ug/ml
13) T n-Docosane (C22)	13.610	6775251	49.555 ug/ml
14) T n-Tetracosane (C24)	14.707	6771163	49.251 ug/ml
15) T n-Hexacosane (C26)	15.722	6600109	48.983 ug/ml
16) T n-Octacosane (C28)	16.666	6490308	48.699 ug/ml
17) T n-Tricontane (C30)	17.549	6300035	48.382 ug/ml
18) T n-Dotriacontane (C32)	18.376	5998848	48.113 ug/ml
19) T n-Tetratriacontane (C34)	19.155	5805883	48.763 ug/ml
20) T n-Hexatriacontane (C36)	19.891	5402899	48.347 ug/ml
21) T n-Octatriacontane (C38)	20.596	5067232	49.257 ug/ml
22) T n-Tetracontane (C40)	21.424	4887673	49.434 ug/ml

(f)=RT Delta > 1/2 Window

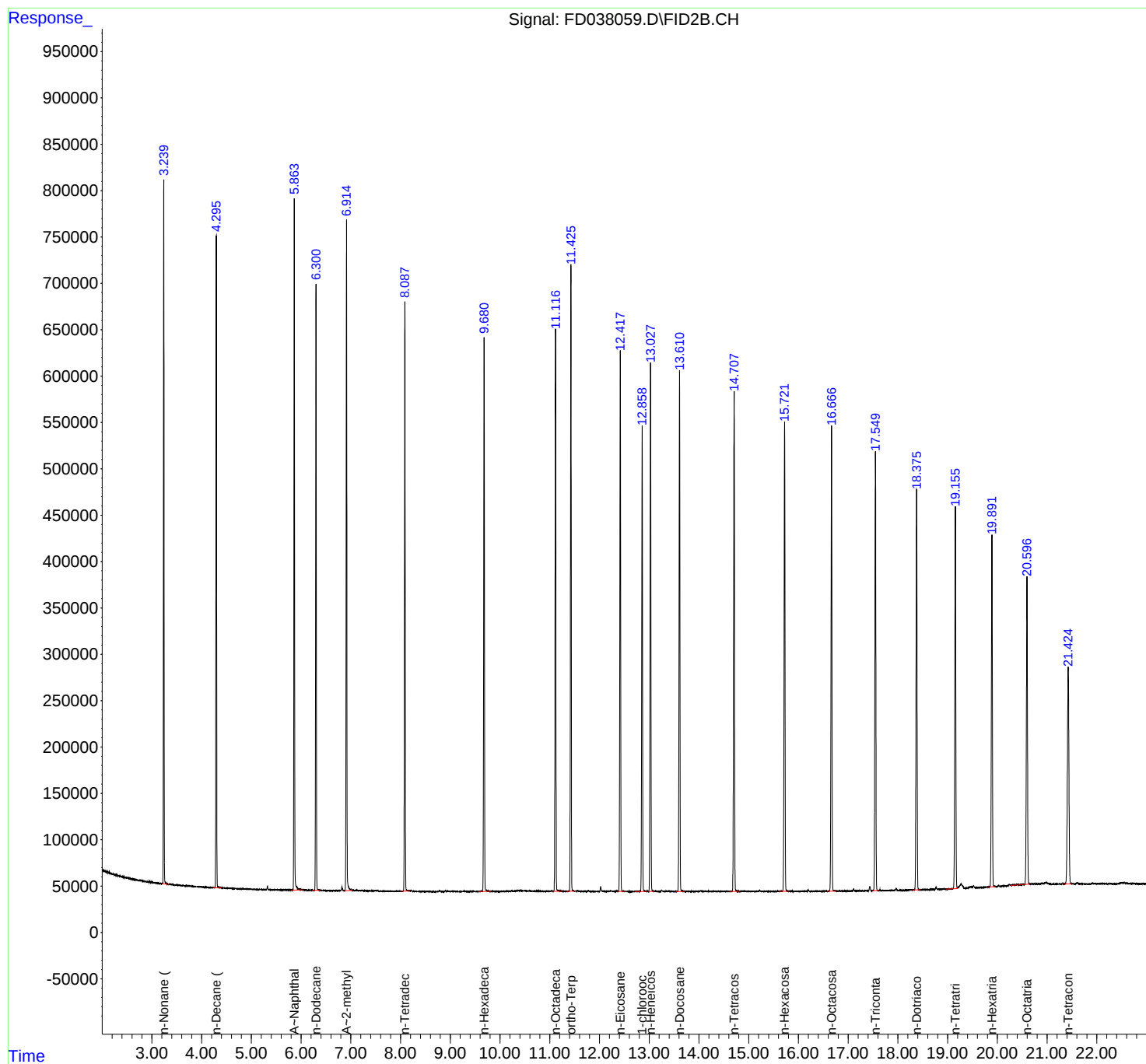
(m)=manual int.

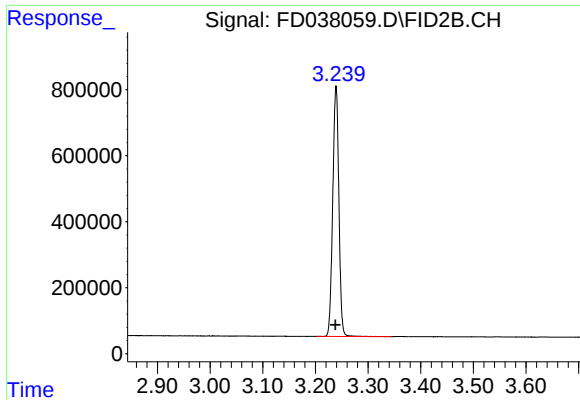
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
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Instrument :
FID_D
ClientSampled :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
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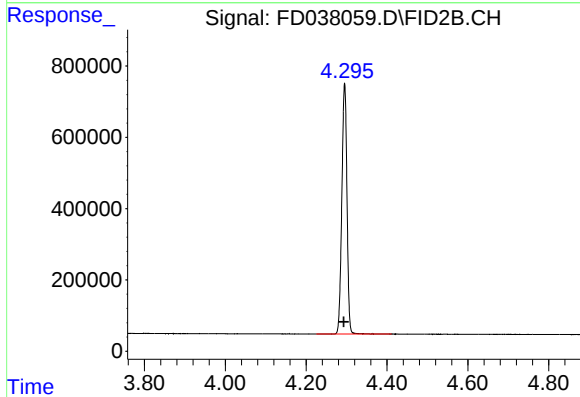




#1 n-Nonane (C9)

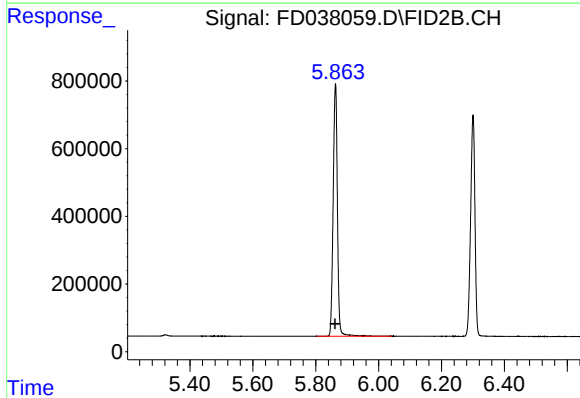
R.T.: 3.239 min
Delta R.T.: 0.001 min
Response: 6124913
Conc: 49.96 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



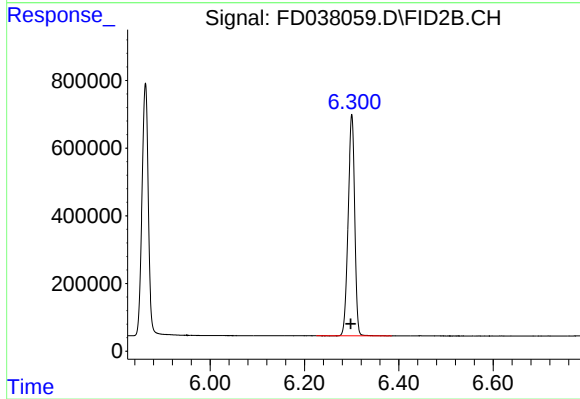
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.002 min
Response: 6200845
Conc: 50.31 ug/ml



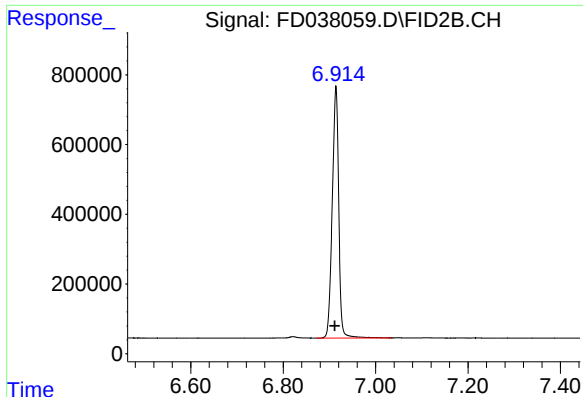
#3 A~Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 6982734
Conc: 50.69 ug/ml



#4 n-Dodecane (C12)

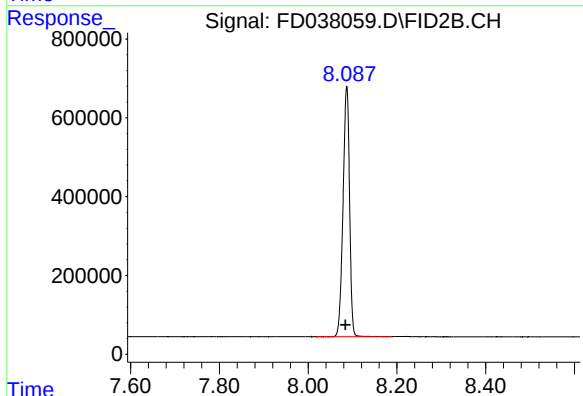
R.T.: 6.300 min
Delta R.T.: 0.002 min
Response: 6279276
Conc: 50.25 ug/ml



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

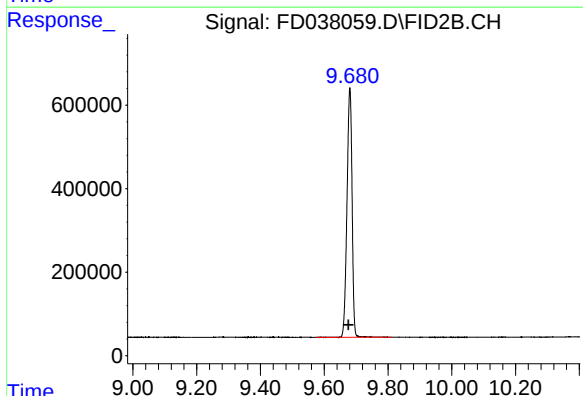
R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 7017724
Conc: 50.46 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



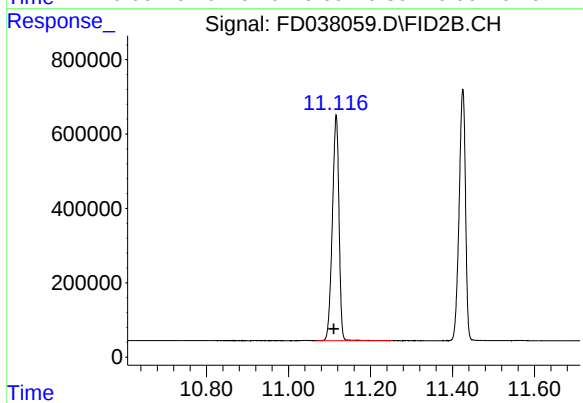
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.003 min
Response: 6462523
Conc: 50.34 ug/ml



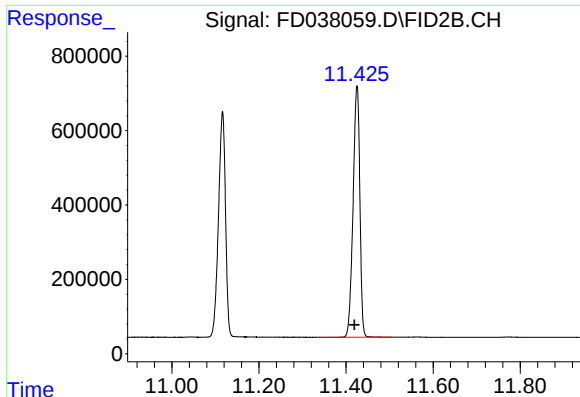
#7 n-Hexadecane (C16)

R.T.: 9.680 min
Delta R.T.: 0.004 min
Response: 6588132
Conc: 50.46 ug/ml



#8 n-Octadecane (C18)

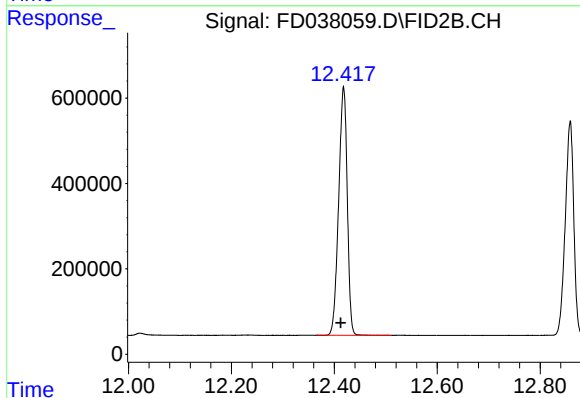
R.T.: 11.116 min
Delta R.T.: 0.005 min
Response: 6811205
Conc: 50.06 ug/ml



#9 ortho-Terphenyl (SURR)

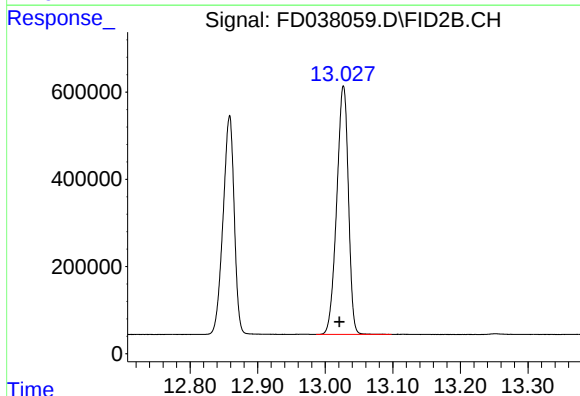
R.T.: 11.425 min
Delta R.T.: 0.005 min
Response: 7284478
Conc: 49.89 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



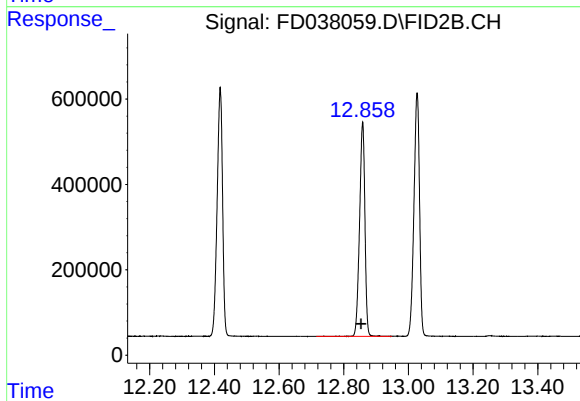
#10 n-Eicosane (C20)

R.T.: 12.418 min
Delta R.T.: 0.005 min
Response: 6759567
Conc: 49.66 ug/ml



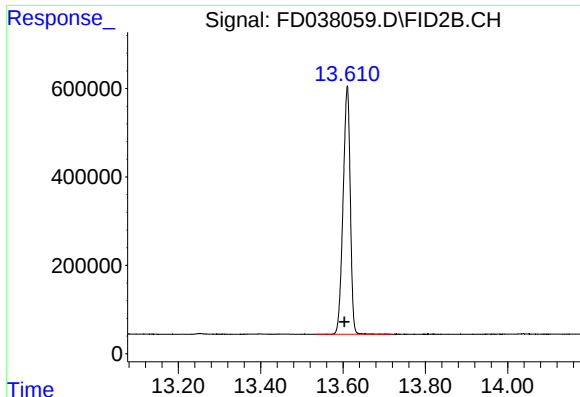
#11 n-Heneicosane (C21)

R.T.: 13.027 min
Delta R.T.: 0.006 min
Response: 6825400
Conc: 49.25 ug/ml



#12 1-chlorooctadecane (SURR)

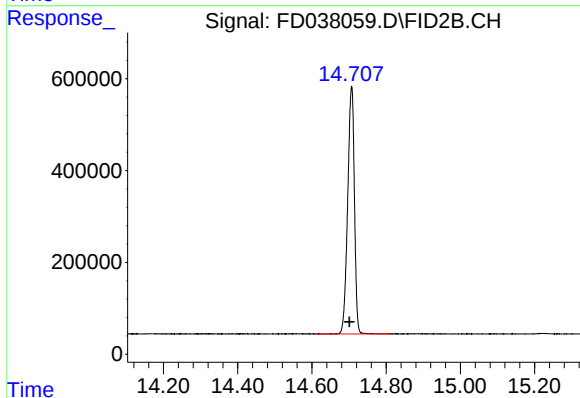
R.T.: 12.858 min
Delta R.T.: 0.005 min
Response: 5765298
Conc: 49.68 ug/ml



#13 n-Docosane (C22)

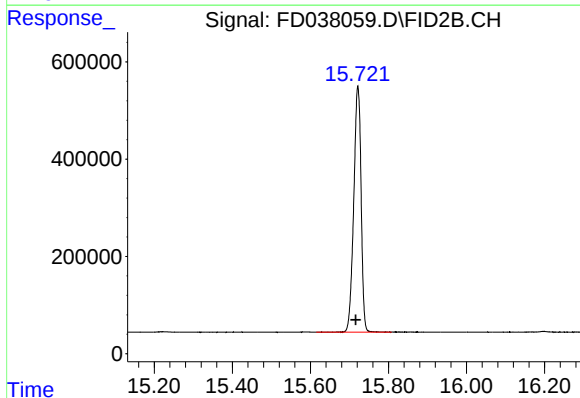
R.T.: 13.610 min
Delta R.T.: 0.007 min
Response: 6775251
Conc: 49.56 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



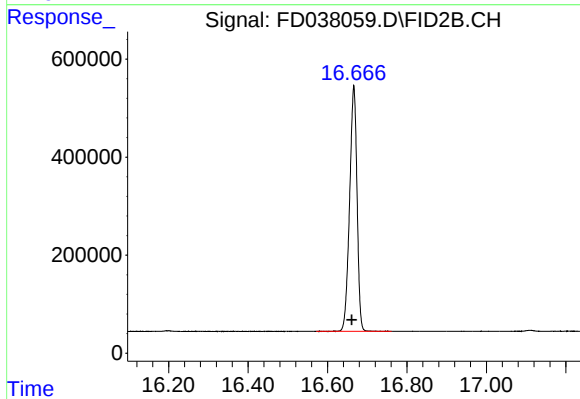
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: 0.006 min
Response: 6771163
Conc: 49.25 ug/ml



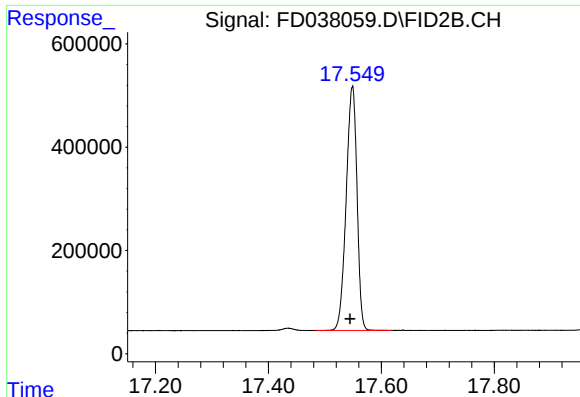
#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: 0.005 min
Response: 6600109
Conc: 48.98 ug/ml



#16 n-Octacosane (C28)

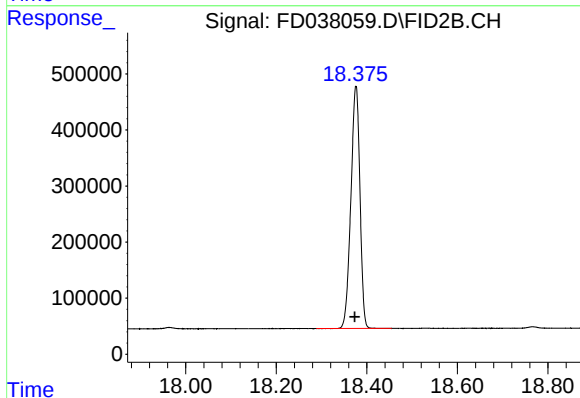
R.T.: 16.666 min
Delta R.T.: 0.005 min
Response: 6490308
Conc: 48.70 ug/ml



#17 n-Tricontane (C30)

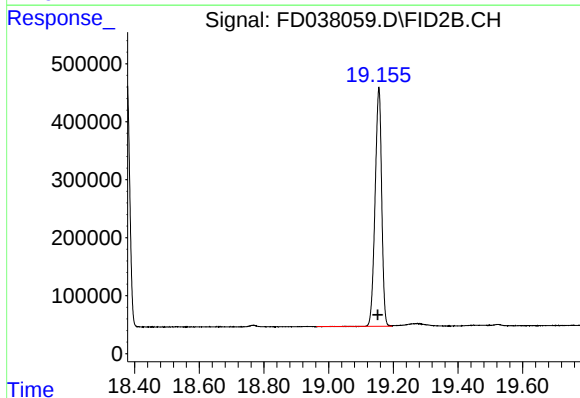
R.T.: 17.549 min
Delta R.T.: 0.004 min
Response: 6300035
Conc: 48.38 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



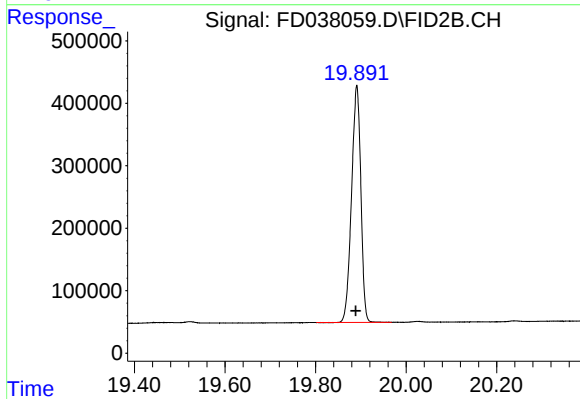
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.003 min
Response: 5998848
Conc: 48.11 ug/ml



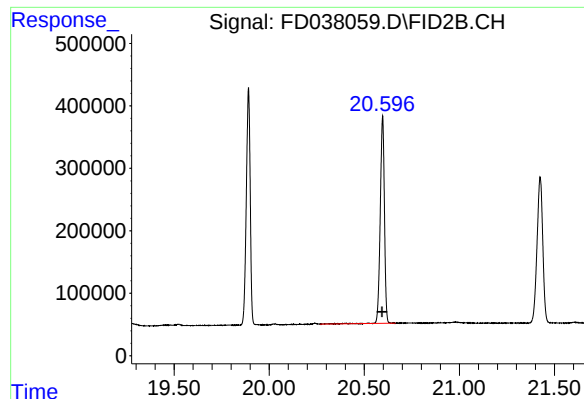
#19 n-Tetratriacontane (C34)

R.T.: 19.155 min
Delta R.T.: 0.003 min
Response: 5805883
Conc: 48.76 ug/ml



#20 n-Hexatriacontane (C36)

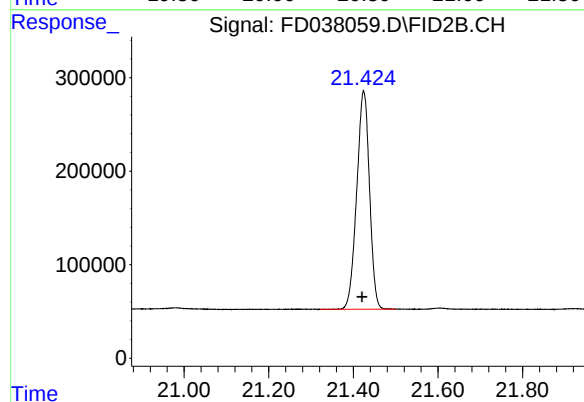
R.T.: 19.891 min
Delta R.T.: 0.003 min
Response: 5402899
Conc: 48.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: 0.002 min
Response: 5067232
Conc: 49.26 ug/ml

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FID_D
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.424 min
Delta R.T.: 0.004 min
Response: 4887673
Conc: 49.43 ug/ml