

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
 Data File : FD038058.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2021 18:07
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 07 10:10:21 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)	11.432	13943925	95.490 ug/ml
Spiked Amount 50.000		Recovery =	190.98%
12) S 1-chlorooctadecane (S...	12.864	10910976	94.022 ug/ml
Spiked Amount 50.000		Recovery =	188.04%
Target Compounds			
1) T n-Nonane (C9)	3.241	11779311	96.084 ug/ml
2) T n-Decane (C10)	4.298	11970380	97.116 ug/ml
3) T A~Naphthalene (C11.7)	5.867	13479308	97.843 ug/ml
4) T n-Dodecane (C12)	6.304	12167929	97.373 ug/ml
5) T A~2-methylnaphthalene...	6.920	13628470	97.990 ug/ml
6) T n-Tetradecane (C14)	8.091	12512675	97.472 ug/ml
7) T n-Hexadecane (C16)	9.685	12683021	97.151 ug/ml
8) T n-Octadecane (C18)	11.122	13009544	95.607 ug/ml
10) T n-Eicosane (C20)	12.424	12819602	94.185 ug/ml
11) T n-Heneicosane (C21)	13.033	12889958	93.009 ug/ml
13) T n-Docosane (C22)	13.616	12728216	93.097 ug/ml
14) T n-Tetracosane (C24)	14.714	12633387	91.891 ug/ml
15) T n-Hexacosane (C26)	15.729	12258567	90.978 ug/ml
16) T n-Octacosane (C28)	16.673	12006901	90.092 ug/ml
17) T n-Tricontane (C30)	17.557	11603629	89.112 ug/ml
18) T n-Dotriacontane (C32)	18.384	11037039	88.521 ug/ml
19) T n-Tetratriacontane (C34)	19.163	10614209	89.147 ug/ml
20) T n-Hexatriacontane (C36)	19.898	9937234	88.922 ug/ml
21) T n-Octatriacontane (C38)	20.602	9223447	89.659 ug/ml
22) T n-Tetracontane (C40)	21.433	9117228	92.211 ug/ml

(f)=RT Delta > 1/2 Window

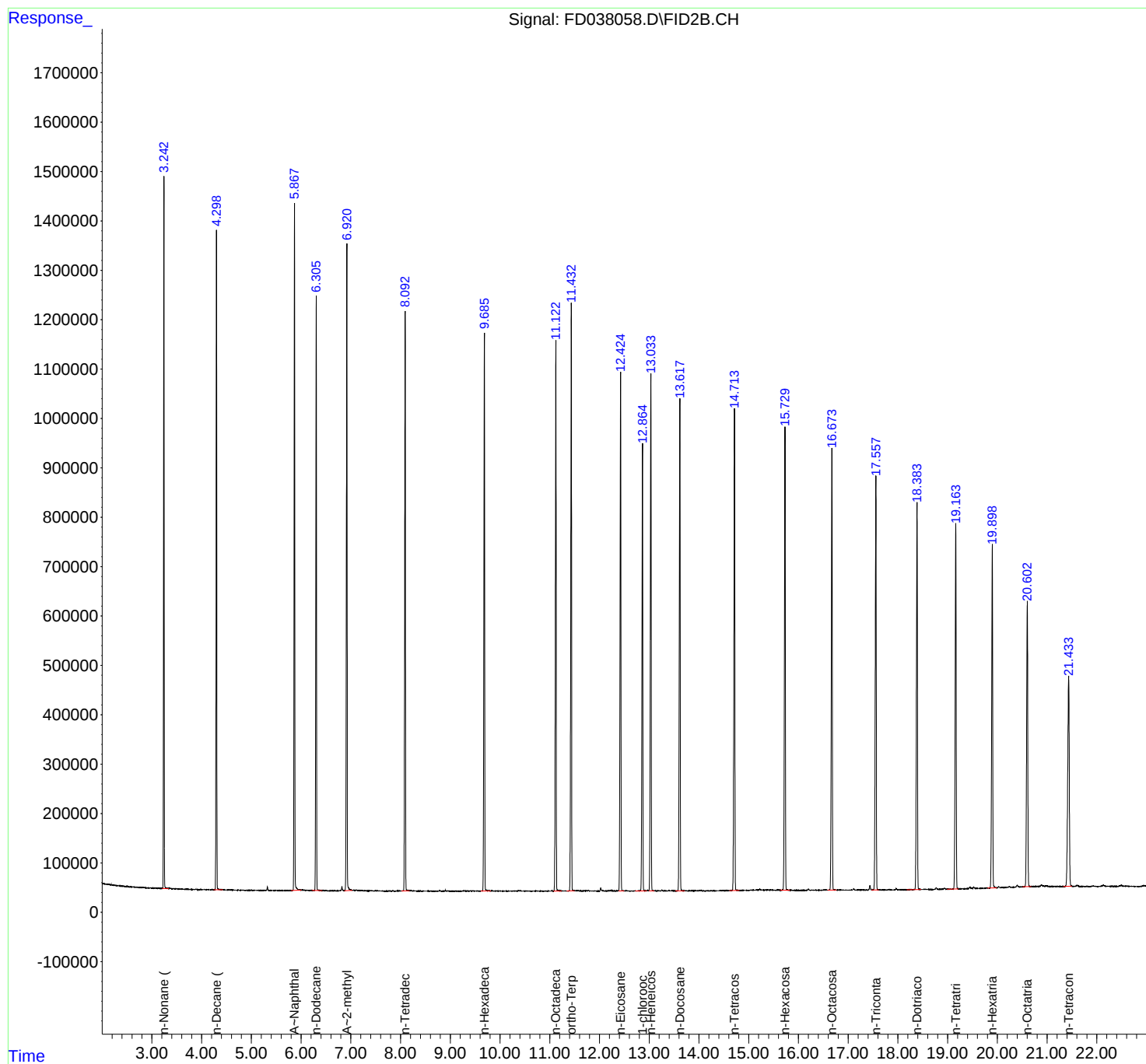
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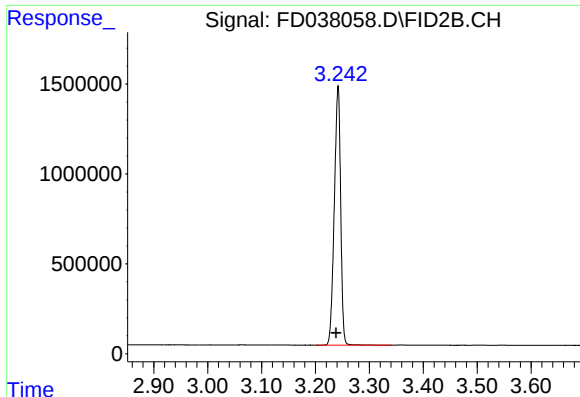
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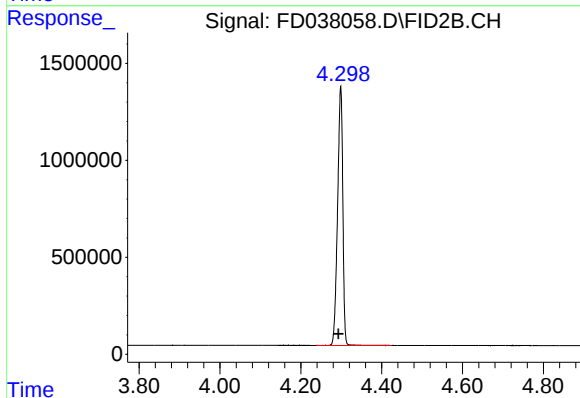




#1 n-Nonane (C9)

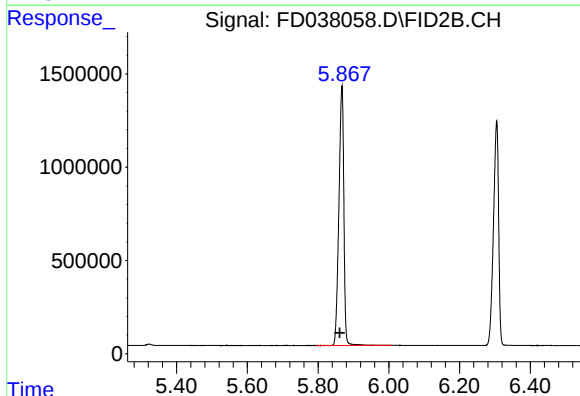
R.T.: 3.241 min
Delta R.T.: 0.003 min
Response: 11779311
Conc: 96.08 ug/ml

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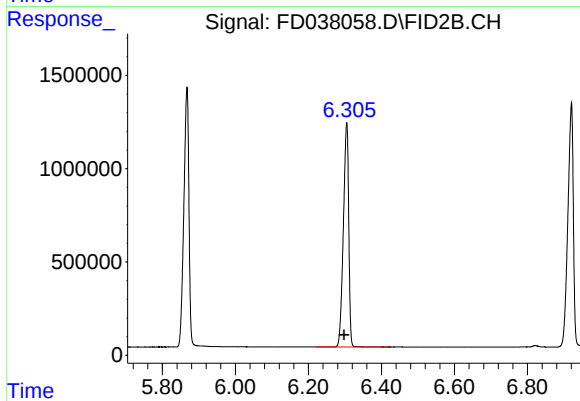
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: 0.005 min
Response: 11970380
Conc: 97.12 ug/ml



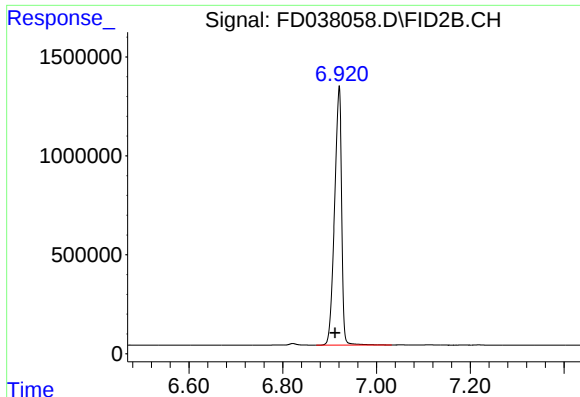
#3 A~Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: 0.006 min
Response: 13479308
Conc: 97.84 ug/ml



#4 n-Dodecane (C12)

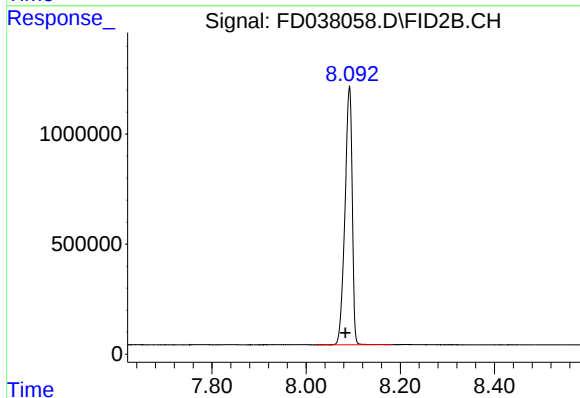
R.T.: 6.304 min
Delta R.T.: 0.006 min
Response: 12167929
Conc: 97.37 ug/ml



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

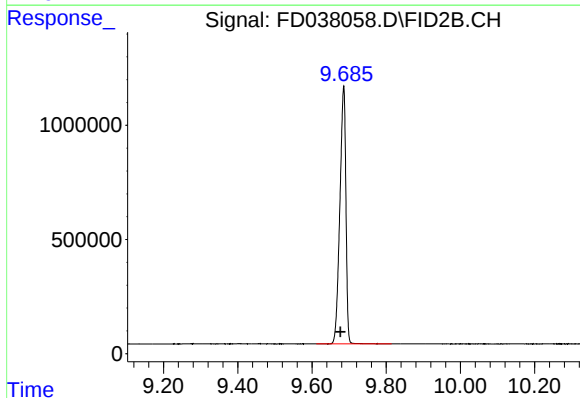
R.T.: 6.920 min
Delta R.T.: 0.008 min
Response: 13628470
Conc: 97.99 ug/ml

Instrument :
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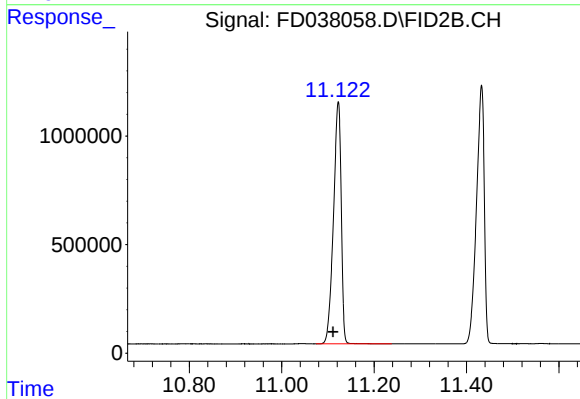
#6 n-Tetradecane (C14)

R.T.: 8.091 min
Delta R.T.: 0.008 min
Response: 12512675
Conc: 97.47 ug/ml



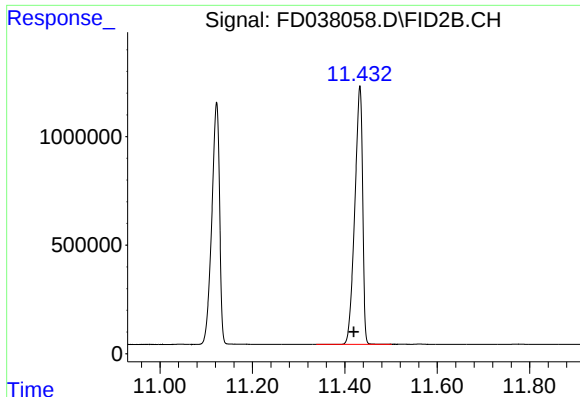
#7 n-Hexadecane (C16)

R.T.: 9.685 min
Delta R.T.: 0.009 min
Response: 12683021
Conc: 97.15 ug/ml



#8 n-Octadecane (C18)

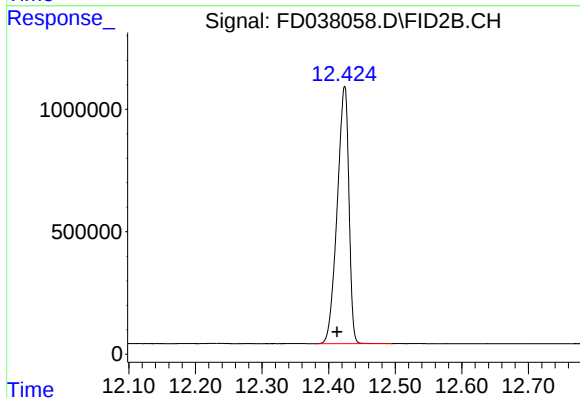
R.T.: 11.122 min
Delta R.T.: 0.011 min
Response: 13009544
Conc: 95.61 ug/ml



#9 ortho-Terphenyl (SURR)

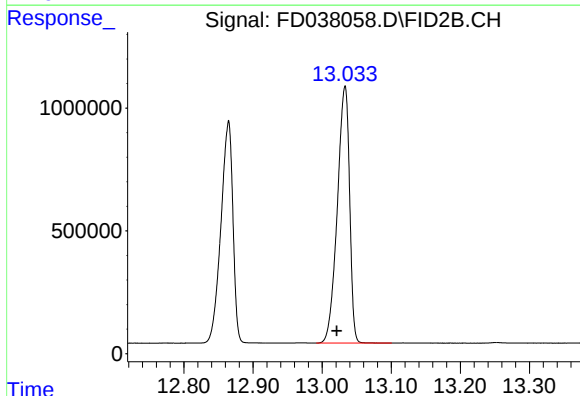
R.T.: 11.432 min
Delta R.T.: 0.012 min
Response: 13943925
Conc: 95.49 ug/ml

Instrument :
FID_D
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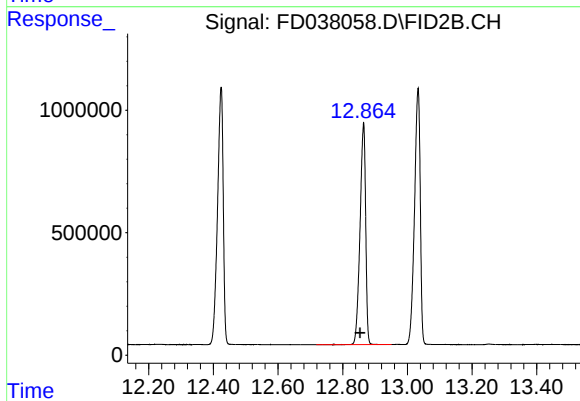
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: 0.011 min
Response: 12819602
Conc: 94.19 ug/ml



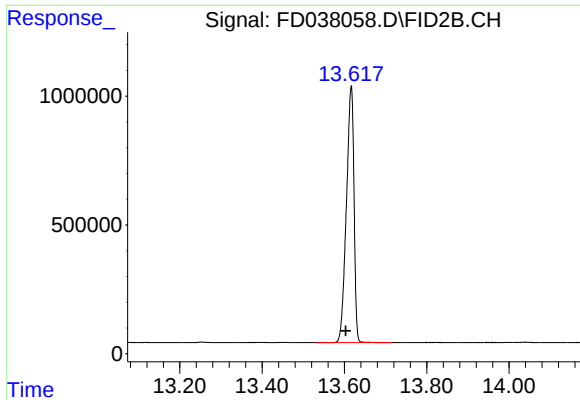
#11 n-Heneicosane (C21)

R.T.: 13.033 min
Delta R.T.: 0.012 min
Response: 12889958
Conc: 93.01 ug/ml



#12 1-chlorooctadecane (SURR)

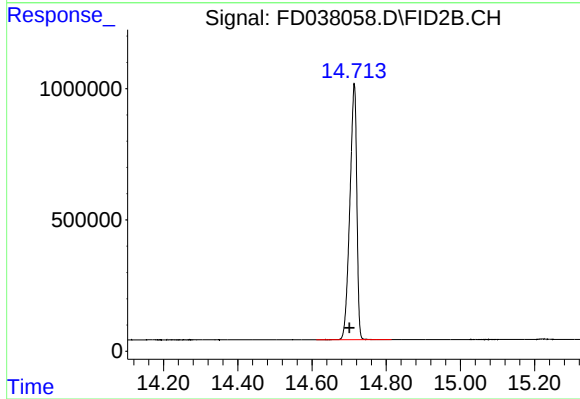
R.T.: 12.864 min
Delta R.T.: 0.010 min
Response: 10910976
Conc: 94.02 ug/ml



#13 n-Docosane (C22)

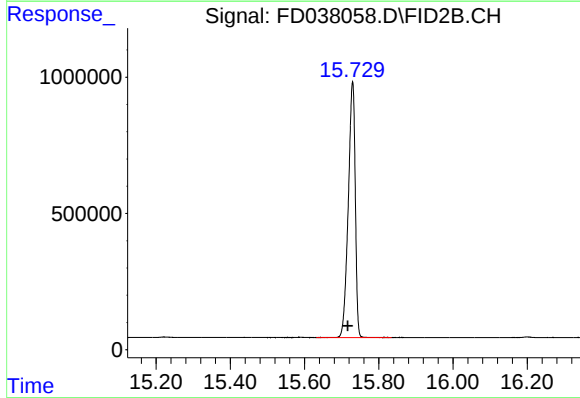
R.T.: 13.616 min
Delta R.T.: 0.012 min
Response: 12728216
Conc: 93.10 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



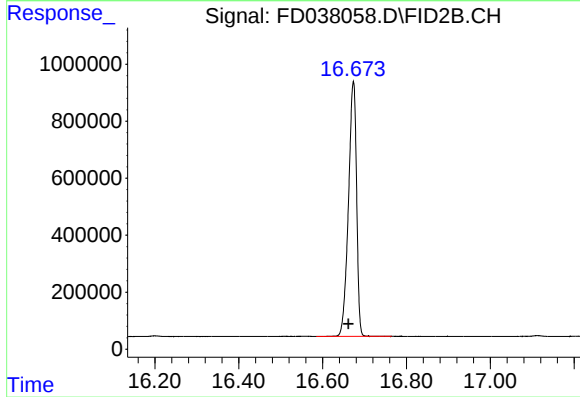
#14 n-Tetracosane (C24)

R.T.: 14.714 min
Delta R.T.: 0.013 min
Response: 12633387
Conc: 91.89 ug/ml



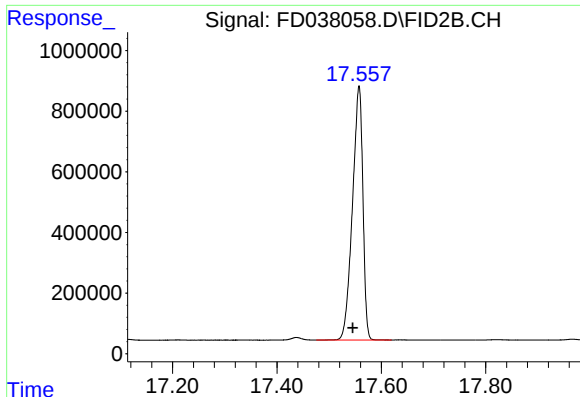
#15 n-Hexacosane (C26)

R.T.: 15.729 min
Delta R.T.: 0.013 min
Response: 12258567
Conc: 90.98 ug/ml



#16 n-Octacosane (C28)

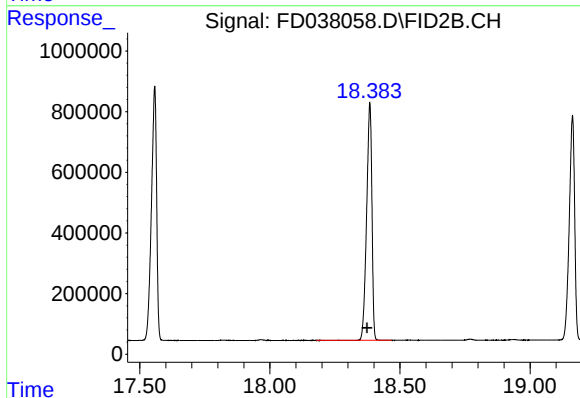
R.T.: 16.673 min
Delta R.T.: 0.012 min
Response: 12006901
Conc: 90.09 ug/ml



#17 n-Tricontane (C30)

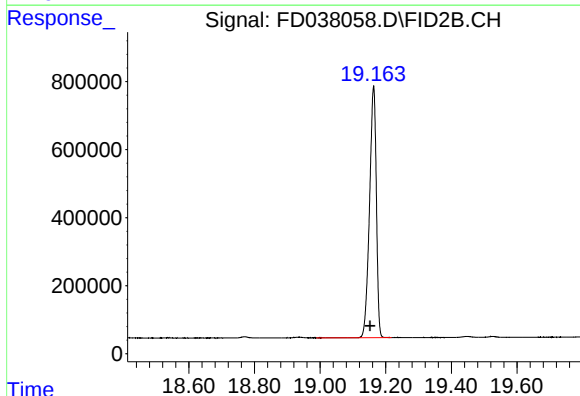
R.T.: 17.557 min
Delta R.T.: 0.012 min
Response: 11603629
Conc: 89.11 ug/ml

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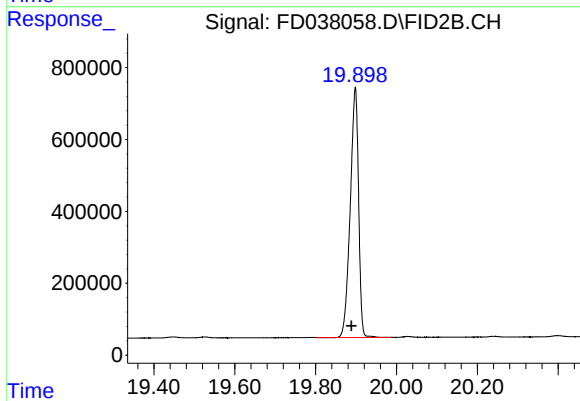
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.011 min
Response: 11037039
Conc: 88.52 ug/ml



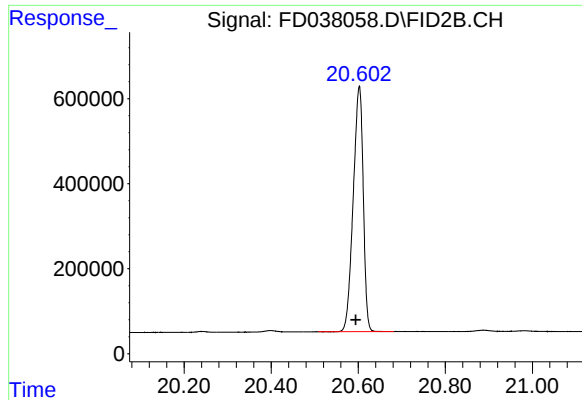
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min
Delta R.T.: 0.011 min
Response: 10614209
Conc: 89.15 ug/ml



#20 n-Hexatriacontane (C36)

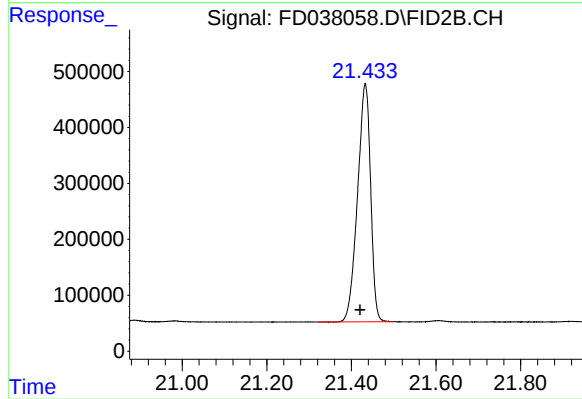
R.T.: 19.898 min
Delta R.T.: 0.009 min
Response: 9937234
Conc: 88.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.602 min
Delta R.T.: 0.008 min
Response: 9223447
Conc: 89.66 ug/ml

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FID_D
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.433 min
Delta R.T.: 0.012 min
Response: 9117228
Conc: 92.21 ug/ml