

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AL\
 Data File : FD036305.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2021 22:54
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 04 01:54:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 01:53:23 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)	11.527	14104217	98.199 ug/ml
Spiked Amount 50.000		Recovery =	196.40%
12) S 1-chlorooctadecane (S...	12.957	11336795	97.888 ug/ml
Spiked Amount 50.000		Recovery =	195.78%
Target Compounds			
1) T n-Nonane (C9)	3.309	11960744	97.585 ug/ml
2) T n-Decane (C10)	4.374	12105342	97.895 ug/ml
3) T A~Naphthalene (C11.7)	5.954	13655238	98.205 ug/ml
4) T n-Dodecane (C12)	6.387	12409207	98.387 ug/ml
5) T A~2-methylnaphthalene...	7.009	14018661	98.497 ug/ml
6) T n-Tetradecane (C14)	8.177	12637381	98.903 ug/ml
7) T n-Hexadecane (C16)	9.773	12635437	98.957 ug/ml
8) T n-Octadecane (C18)	11.212	13210490	98.409 ug/ml
10) T n-Eicosane (C20)	12.515	13321837	97.800 ug/ml
11) T n-Heneicosane (C21)	13.124	13293639	97.456 ug/ml
13) T n-Docosane (C22)	13.708	13291114	97.263 ug/ml
14) T n-Tetracosane (C24)	14.806	13215881	96.636 ug/ml
15) T n-Hexacosane (C26)	15.822	12951670	96.148 ug/ml
16) T n-Octacosane (C28)	16.766	12693228	95.410 ug/ml
17) T n-Tricontane (C30)	17.647	12238541	94.590 ug/ml
18) T n-Dotriacontane (C32)	18.474	11514856	94.128 ug/ml
19) T n-Tetratriacontane (C34)	19.253	10902178	94.862 ug/ml
20) T n-Hexatriacontane (C36)	19.987	10103381	95.768 ug/ml
21) T n-Octatriacontane (C38)	20.701	9364652	97.179 ug/ml
22) T n-Tetracontane (C40)	21.566	9523097	98.994 ug/ml

(f)=RT Delta > 1/2 Window

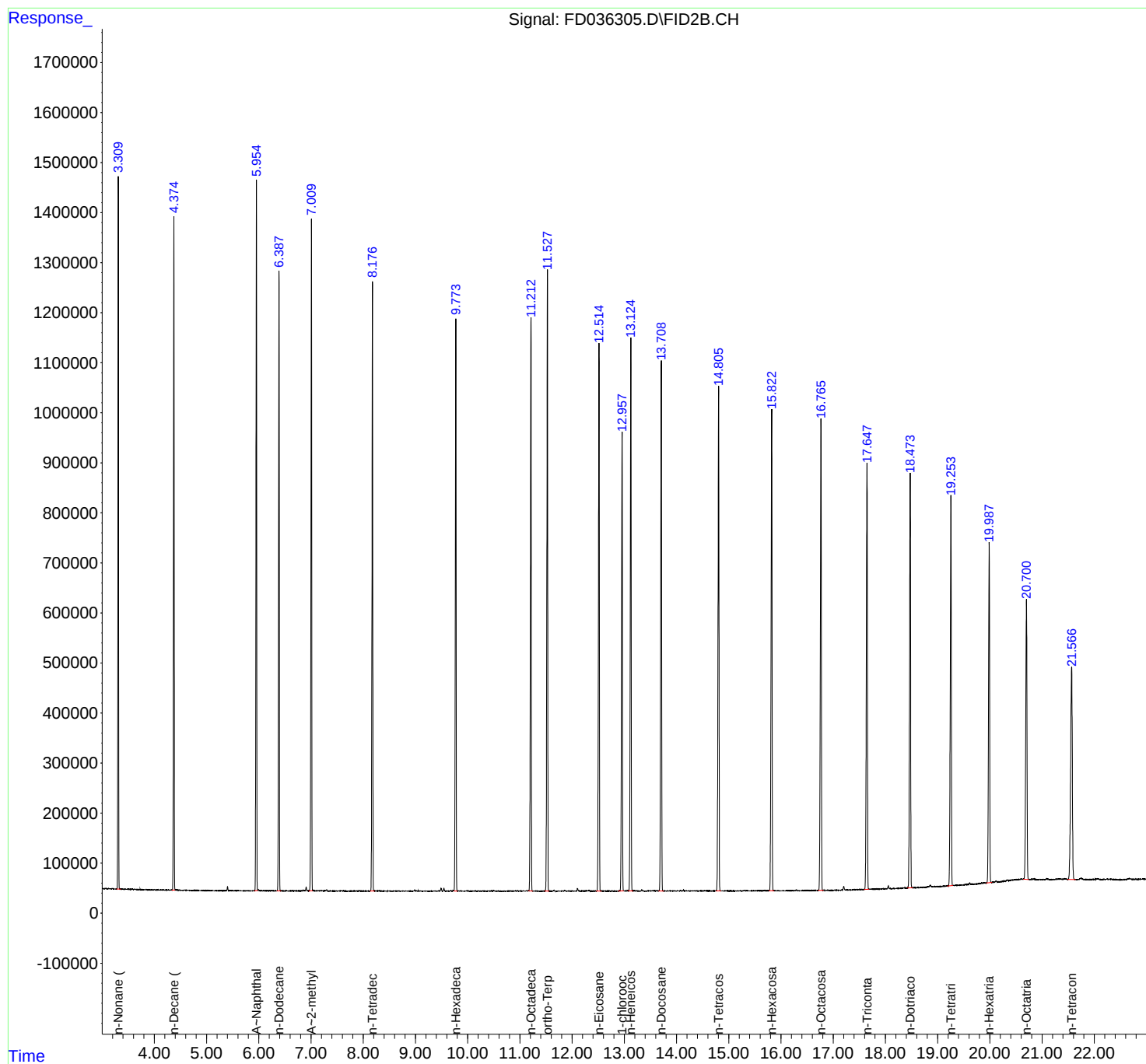
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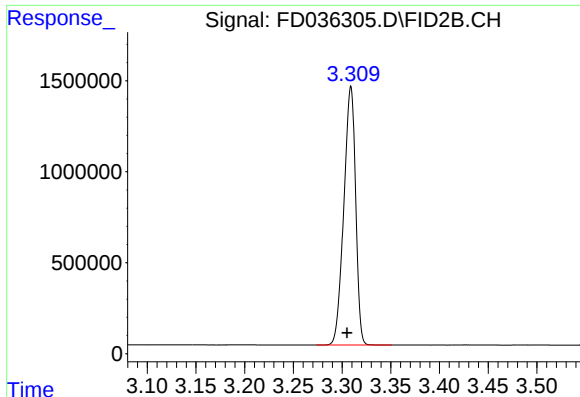
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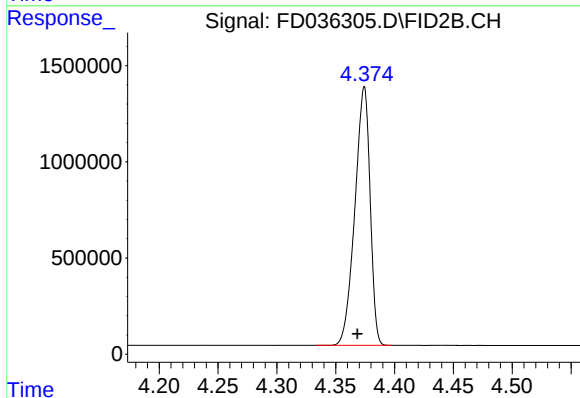




#1 n-Nonane (C9)

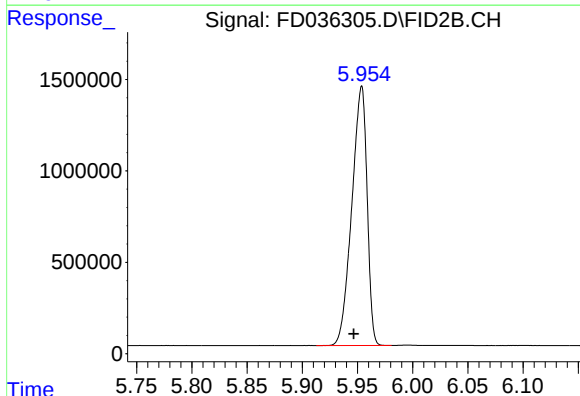
R.T.: 3.309 min
Delta R.T.: 0.004 min
Response: 11960744
Conc: 97.58 ug/ml

Instrument :
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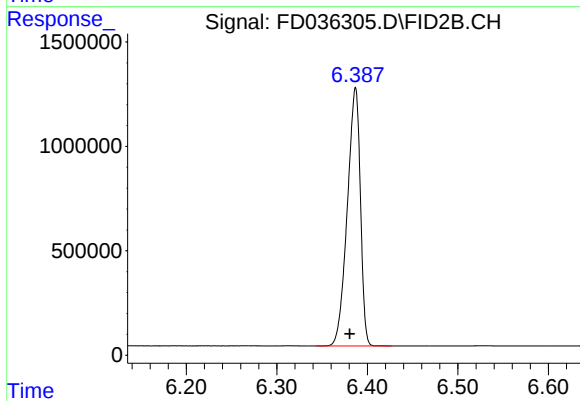
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: 0.006 min
Response: 12105342
Conc: 97.89 ug/ml



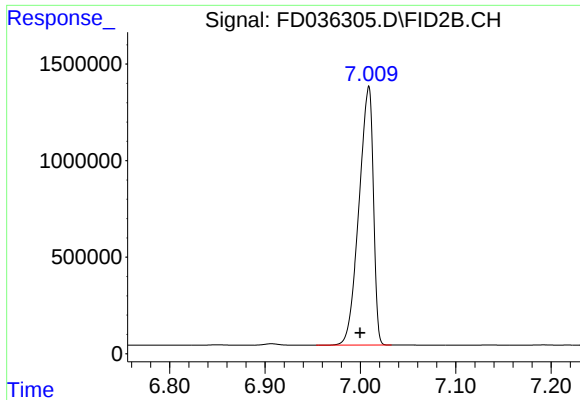
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 13655238
Conc: 98.21 ug/ml



#4 n-Dodecane (C12)

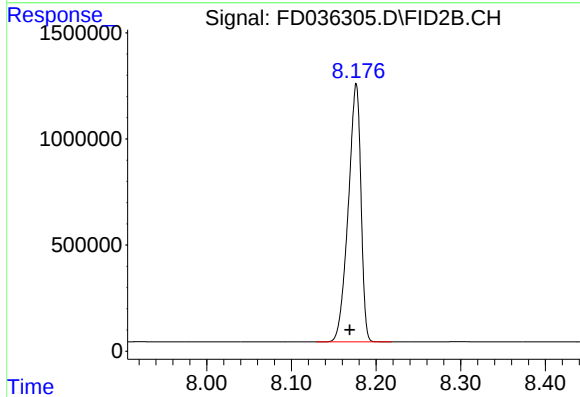
R.T.: 6.387 min
Delta R.T.: 0.007 min
Response: 12409207
Conc: 98.39 ug/ml



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

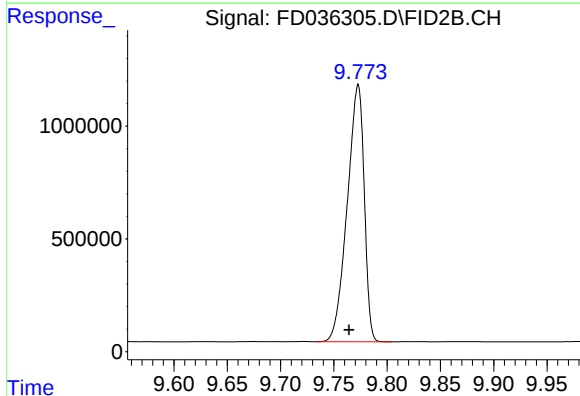
R.T.: 7.009 min
Delta R.T.: 0.010 min
Response: 14018661
Conc: 98.50 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



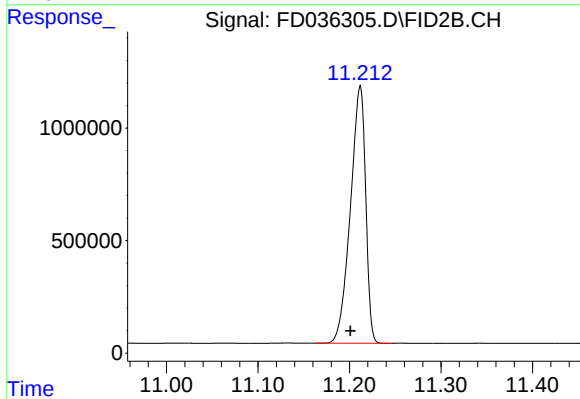
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.008 min
Response: 12637381
Conc: 98.90 ug/ml



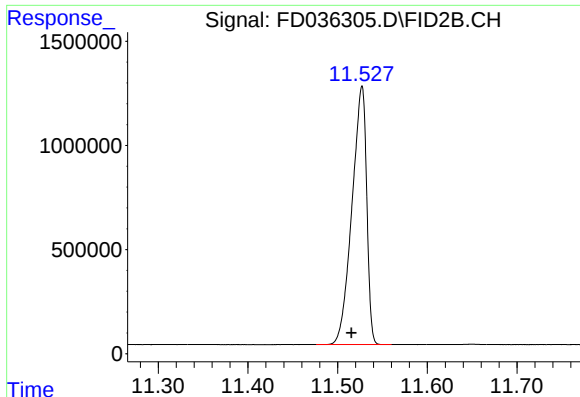
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.009 min
Response: 12635437
Conc: 98.96 ug/ml



#8 n-Octadecane (C18)

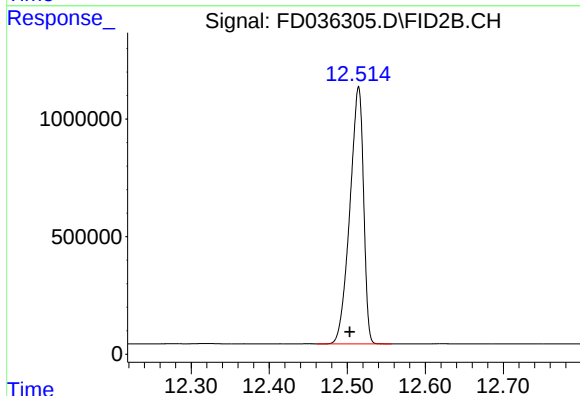
R.T.: 11.212 min
Delta R.T.: 0.011 min
Response: 13210490
Conc: 98.41 ug/ml



#9 ortho-Terphenyl (SURR)

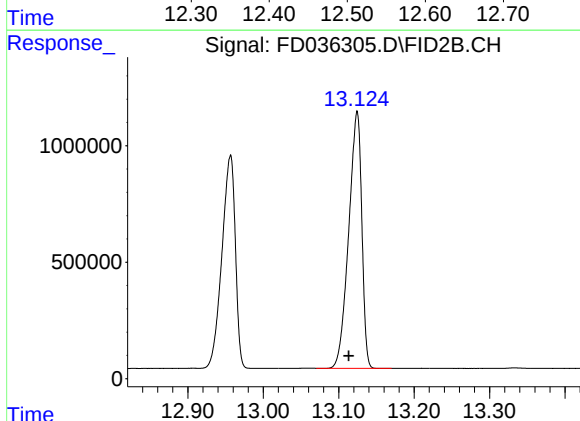
R.T.: 11.527 min
Delta R.T.: 0.012 min
Response: 14104217
Conc: 98.20 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



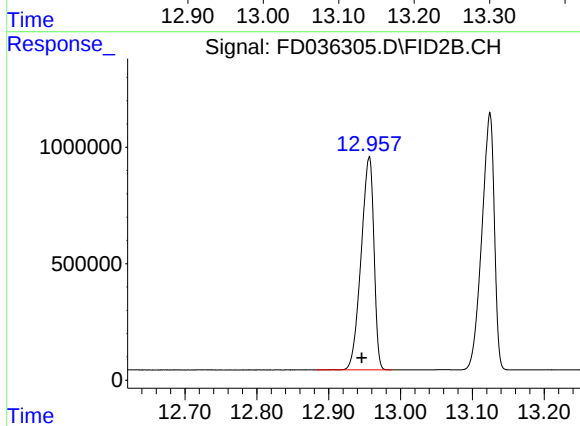
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: 0.011 min
Response: 13321837
Conc: 97.80 ug/ml



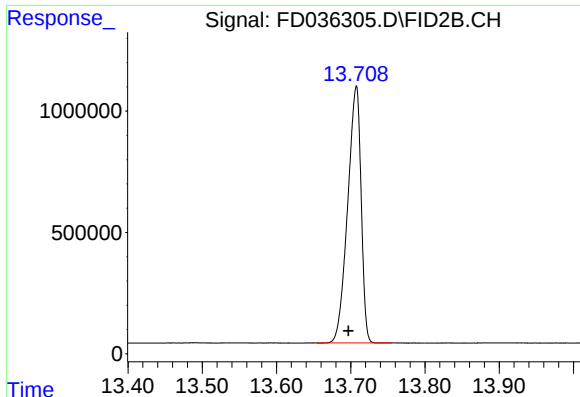
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: 0.011 min
Response: 13293639
Conc: 97.46 ug/ml



#12 1-chlorooctadecane (SURR)

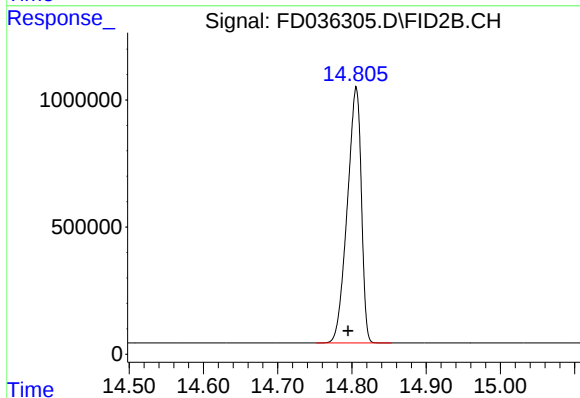
R.T.: 12.957 min
Delta R.T.: 0.011 min
Response: 11336795
Conc: 97.89 ug/ml



#13 n-Docosane (C22)

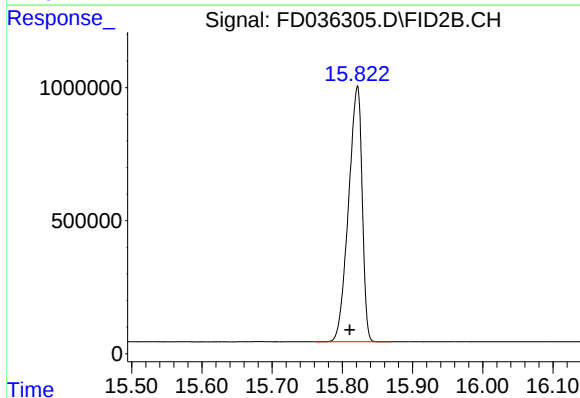
R.T.: 13.708 min
Delta R.T.: 0.011 min
Response: 13291114
Conc: 97.26 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



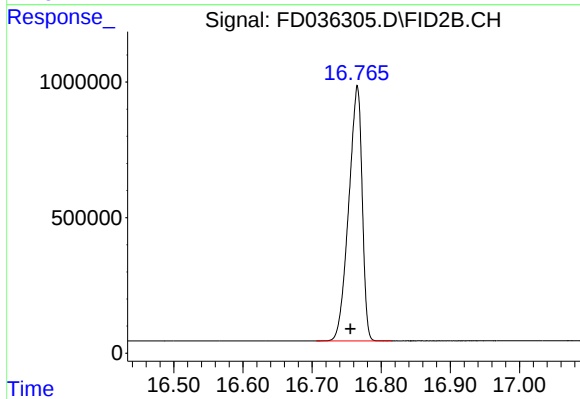
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.011 min
Response: 13215881
Conc: 96.64 ug/ml



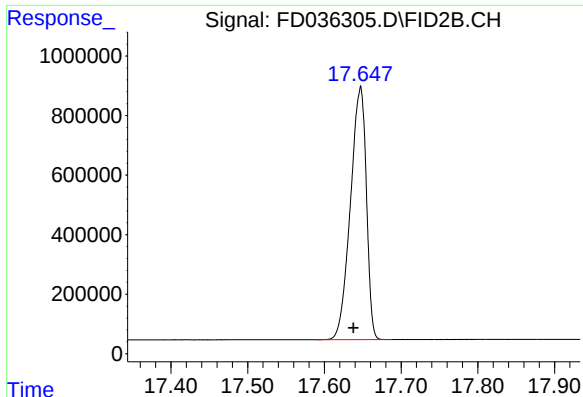
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.011 min
Response: 12951670
Conc: 96.15 ug/ml



#16 n-Octacosane (C28)

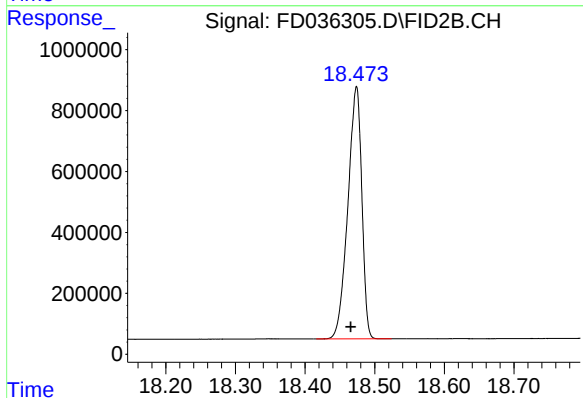
R.T.: 16.766 min
Delta R.T.: 0.010 min
Response: 12693228
Conc: 95.41 ug/ml



#17 n-Tricontane (C30)

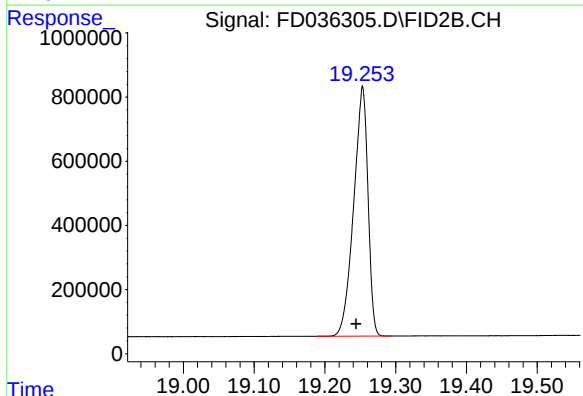
R.T.: 17.647 min
Delta R.T.: 0.009 min
Response: 12238541
Conc: 94.59 ug/ml

Instrument :
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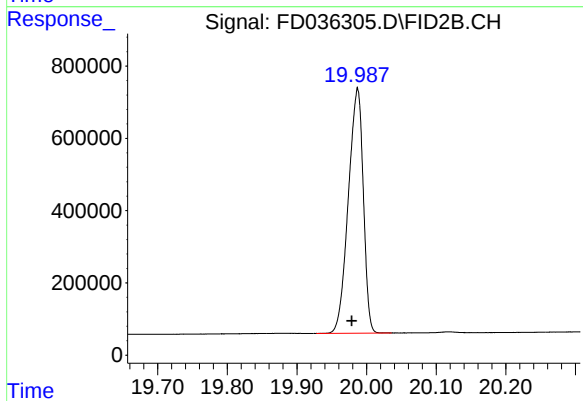
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: 0.008 min
Response: 11514856
Conc: 94.13 ug/ml



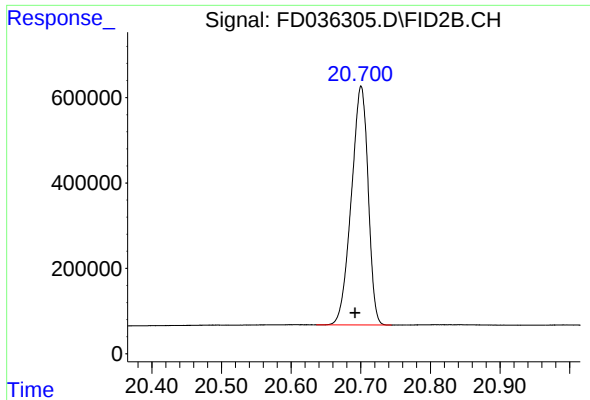
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.009 min
Response: 10902178
Conc: 94.86 ug/ml



#20 n-Hexatriacontane (C36)

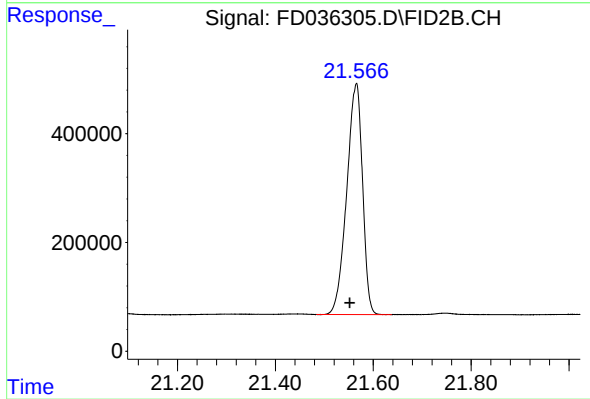
R.T.: 19.987 min
Delta R.T.: 0.009 min
Response: 10103381
Conc: 95.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: 0.008 min
Response: 9364652
Conc: 97.18 ug/ml

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FID_D
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: 0.013 min
Response: 9523097
Conc: 98.99 ug/ml