

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060921AL\
 Data File : FD037838.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 00:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jun 10 02:20:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.447	2215790	18.895 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	12.881	1701734	18.728 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.248	2016175	19.982 ug/ml
2) T n-Decane (C10)	4.309	2044782	20.154 ug/ml
3) T A~Naphthalene (C11.7)	5.884	2336059	20.516 ug/ml
4) T n-Dodecane (C12)	6.319	2109664	20.407 ug/ml
5) T A~2-methylnaphthalene...	6.936	2374480	20.510 ug/ml
6) T n-Tetradecane (C14)	8.107	2131643	20.453 ug/ml
7) T n-Hexadecane (C16)	9.701	2102345	20.375 ug/ml
8) T n-Octadecane (C18)	11.137	2155286	19.948 ug/ml
10) T n-Eicosane (C20)	12.440	2123478	19.484 ug/ml
11) T n-Heneicosane (C21)	13.049	2072734	19.040 ug/ml
13) T n-Docosane (C22)	13.632	2104894	19.376 ug/ml
14) T n-Tetracosane (C24)	14.731	2154734	19.886 ug/ml
15) T n-Hexacosane (C26)	15.746	2160527	20.283 ug/ml
16) T n-Octacosane (C28)	16.693	2217007	20.925 ug/ml
17) T n-Tricontane (C30)	17.575	2311879	21.959 ug/ml
18) T n-Dotriacontane (C32)	18.405	2303535	22.115 ug/ml
19) T n-Tetratriacontane (C34)	19.184	2143536	21.089 ug/ml
20) T n-Hexatriacontane (C36)	19.922	1970549	20.202 ug/ml
21) T n-Octatriacontane (C38)	20.630	1861220	20.245 ug/ml
22) T n-Tetracontane (C40)	21.468	1875502	19.477 ug/ml

(f)=RT Delta > 1/2 Window

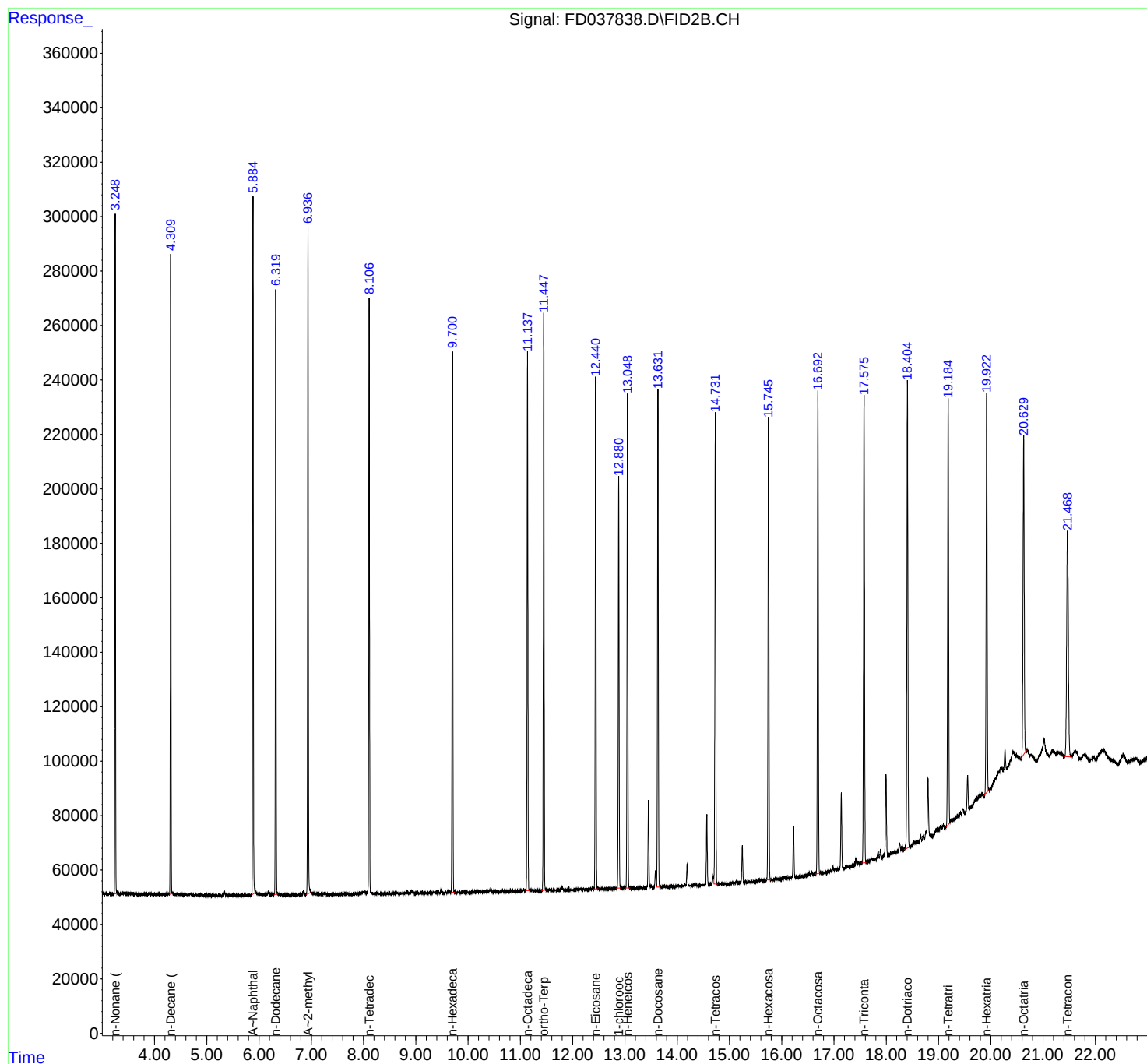
(m)=manual int.

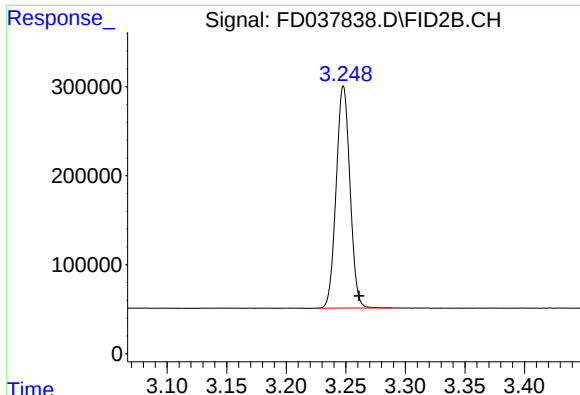
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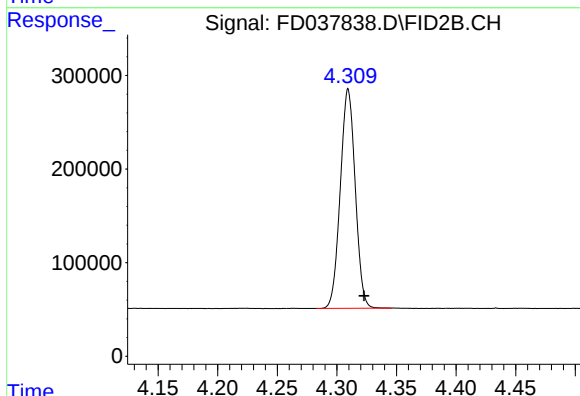




#1 n-Nonane (C9)

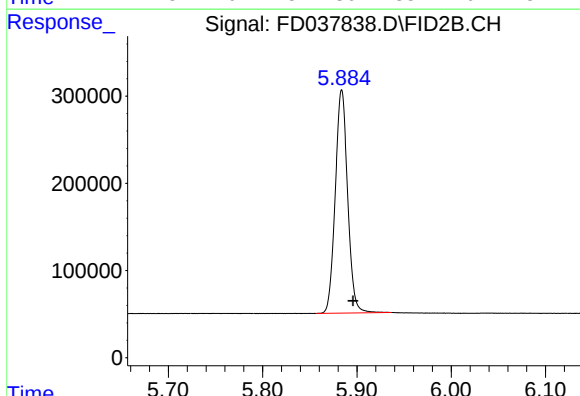
R.T.: 3.248 min
Delta R.T.: -0.013 min
Response: 2016175
Conc: 19.98 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



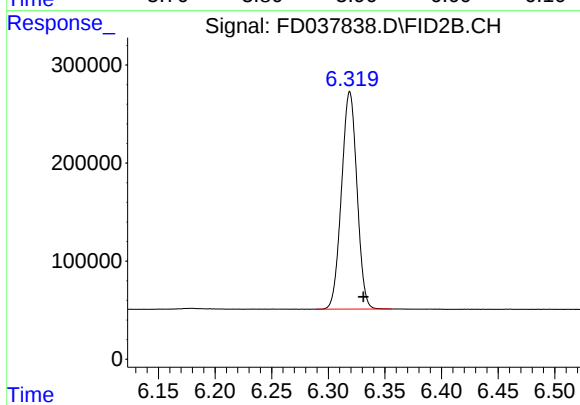
#2 n-Decane (C10)

R.T.: 4.309 min
Delta R.T.: -0.013 min
Response: 2044782
Conc: 20.15 ug/ml



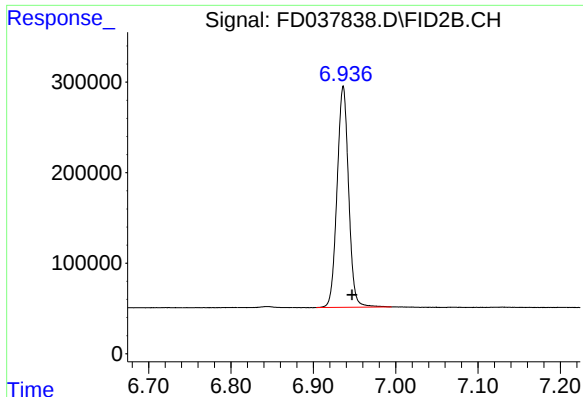
#3 A~Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.012 min
Response: 2336059
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

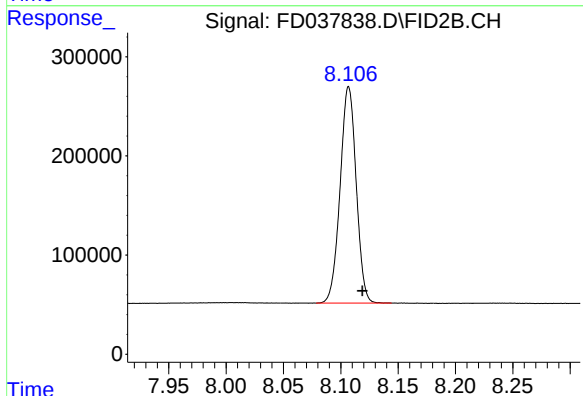
R.T.: 6.319 min
Delta R.T.: -0.012 min
Response: 2109664
Conc: 20.41 ug/ml



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

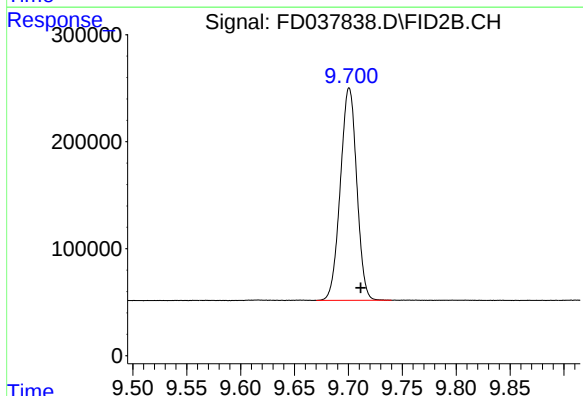
R.T.: 6.936 min
Delta R.T.: -0.011 min
Response: 2374480
Conc: 20.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



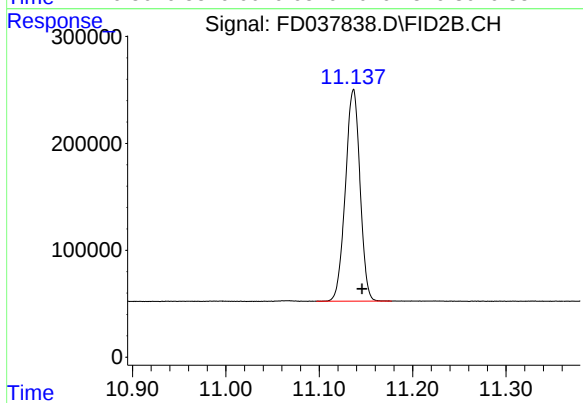
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: -0.012 min
Response: 2131643
Conc: 20.45 ug/ml



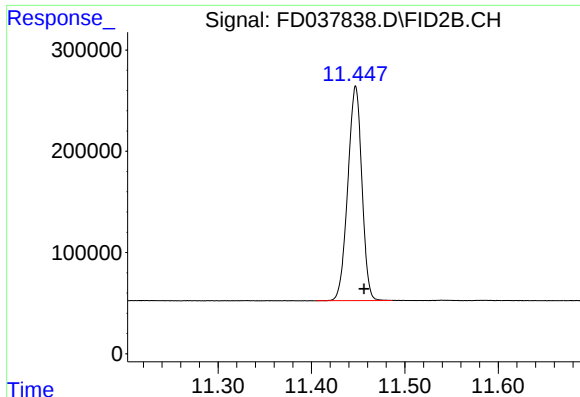
#7 n-Hexadecane (C16)

R.T.: 9.701 min
Delta R.T.: -0.011 min
Response: 2102345
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

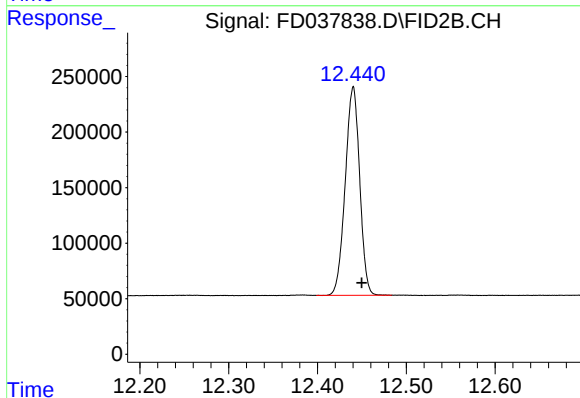
R.T.: 11.137 min
Delta R.T.: -0.009 min
Response: 2155286
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

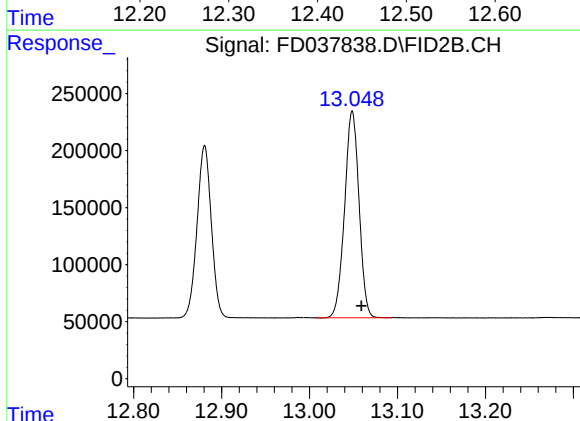
R.T.: 11.447 min
Delta R.T.: -0.009 min
Response: 2215790
Conc: 18.90 ug/ml

Instrument :
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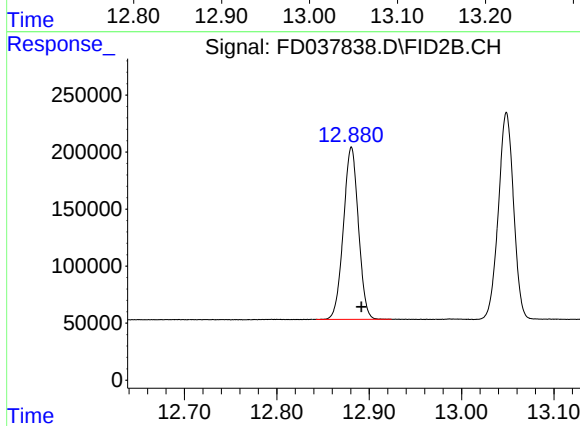
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: -0.009 min
Response: 2123478
Conc: 19.48 ug/ml



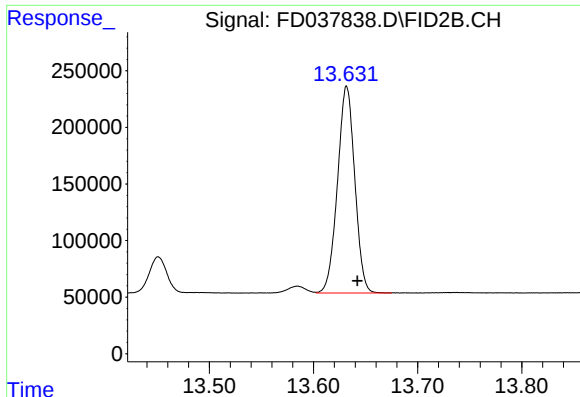
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: -0.010 min
Response: 2072734
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

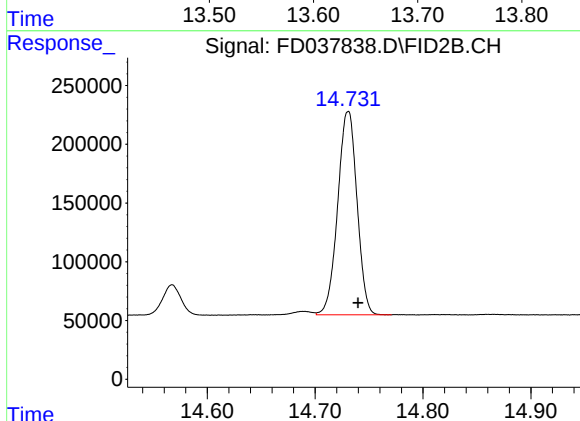
R.T.: 12.881 min
Delta R.T.: -0.011 min
Response: 1701734
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

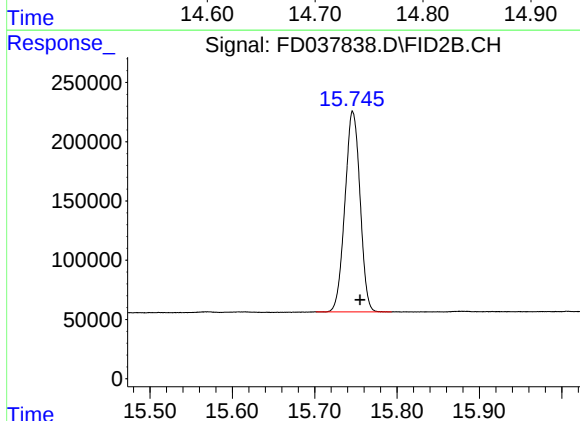
R.T.: 13.632 min
Delta R.T.: -0.010 min
Response: 2104894
Conc: 19.38 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



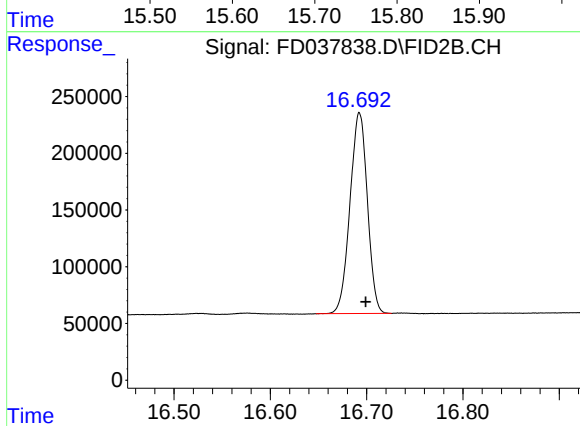
#14 n-Tetracosane (C24)

R.T.: 14.731 min
Delta R.T.: -0.009 min
Response: 2154734
Conc: 19.89 ug/ml



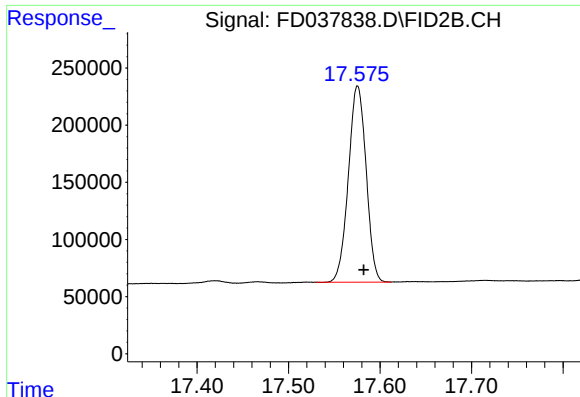
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: -0.009 min
Response: 2160527
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

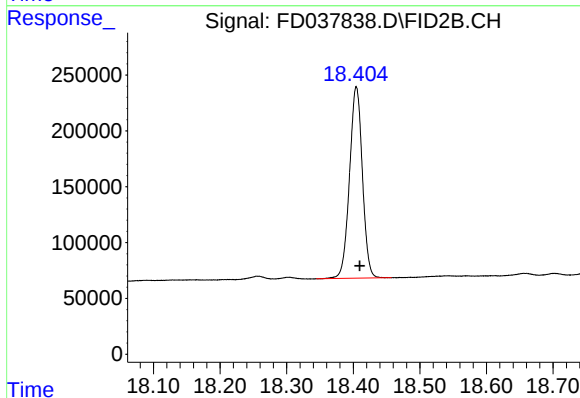
R.T.: 16.693 min
Delta R.T.: -0.007 min
Response: 2217007
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

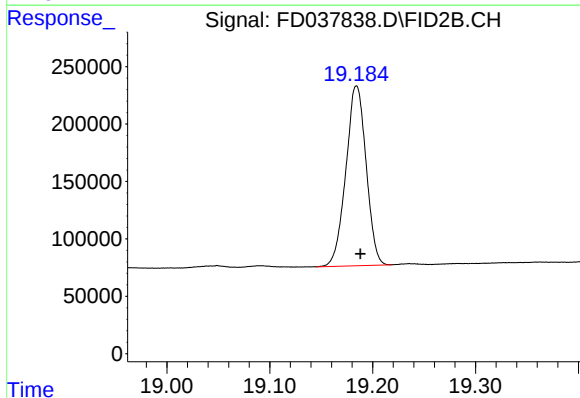
R.T.: 17.575 min
Delta R.T.: -0.007 min
Response: 2311879
Conc: 21.96 ug/ml

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20 PPM ALIPHATIC HC STD



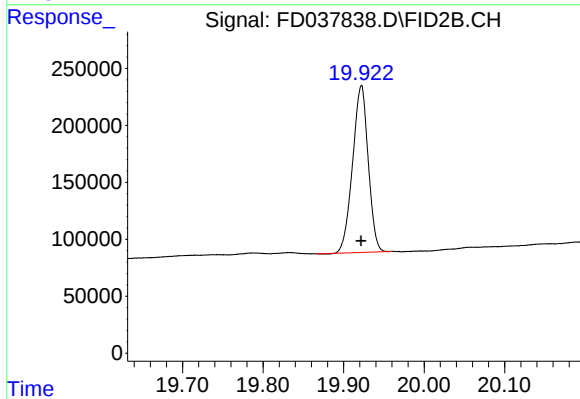
#18 n-Dotriacontane (C32)

R.T.: 18.405 min
Delta R.T.: -0.005 min
Response: 2303535
Conc: 22.11 ug/ml



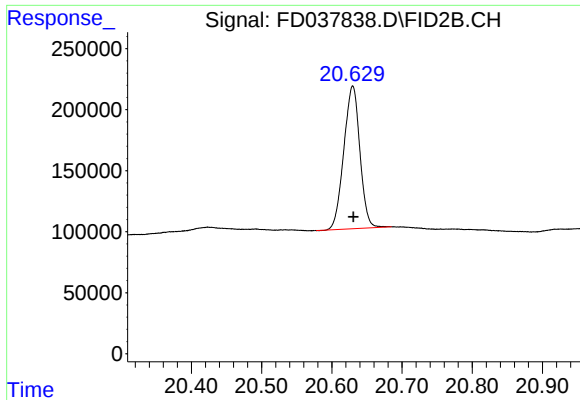
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.004 min
Response: 2143536
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

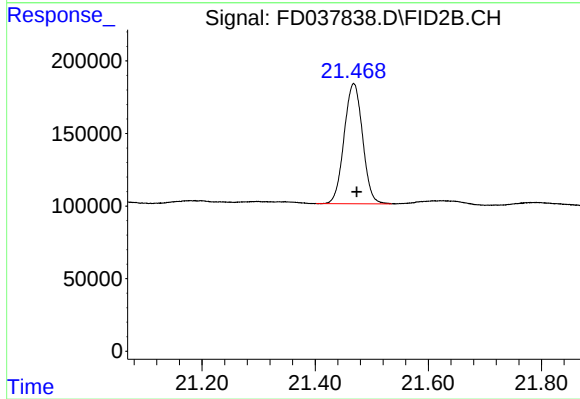
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 1970549
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.630 min
Delta R.T.: 0.000 min
Response: 1861220
Conc: 20.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.468 min
Delta R.T.: -0.005 min
Response: 1875502
Conc: 19.48 ug/ml