

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060721AL\
 Data File : FD037783.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jun 2021 00:36
 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

Manual Integrations
 APPROVED

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 6/8/2021 1:17:02 PM

Integration File: autoint1.e
 Quant Time: Jun 08 03:05:51 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)	11.450	2362436	20.146 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	12.885	1817115	19.997 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.252	2155874	21.367 ug/ml
2) T n-Decane (C10)	4.313	2185155	21.537 ug/ml
3) T A~Naphthalene (C11.7)	5.887	2493484	21.898 ug/ml
4) T n-Dodecane (C12)	6.322	2251743	21.781 ug/ml
5) T A~2-methylnaphthalene...	6.939	2531954	21.871 ug/ml
6) T n-Tetradecane (C14)	8.110	2270563	21.785 ug/ml
7) T n-Hexadecane (C16)	9.703	2231509	21.626 ug/ml
8) T n-Octadecane (C18)	11.140	2289267	21.188 ug/ml
10) T n-Eicosane (C20)	12.443	2253190	20.674 ug/ml
11) T n-Heneicosane (C21)	13.052	2205478	20.259 ug/ml
13) T n-Docosane (C22)	13.636	2233833	20.563 ug/ml
14) T n-Tetracosane (C24)	14.734	2273929	20.986 ug/ml
15) T n-Hexacosane (C26)	15.750	2270997	21.320 ug/ml
16) T n-Octacosane (C28)	16.696	2317179	21.870 ug/ml
17) T n-Tricontane (C30)	17.580	2408789	22.880 ug/ml
18) T n-Dotriacontane (C32)	18.408	2394094	22.984 ug/ml
19) T n-Tetratriacontane (C34)	19.187	2224887	21.889 ug/ml
20) T n-Hexatriacontane (C36)	19.923	2119061	21.725 ug/mlm
21) T n-Octatriacontane (C38)	20.632	1963362	21.356 ug/ml
22) T n-Tetracontane (C40)	21.473	1988644	20.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

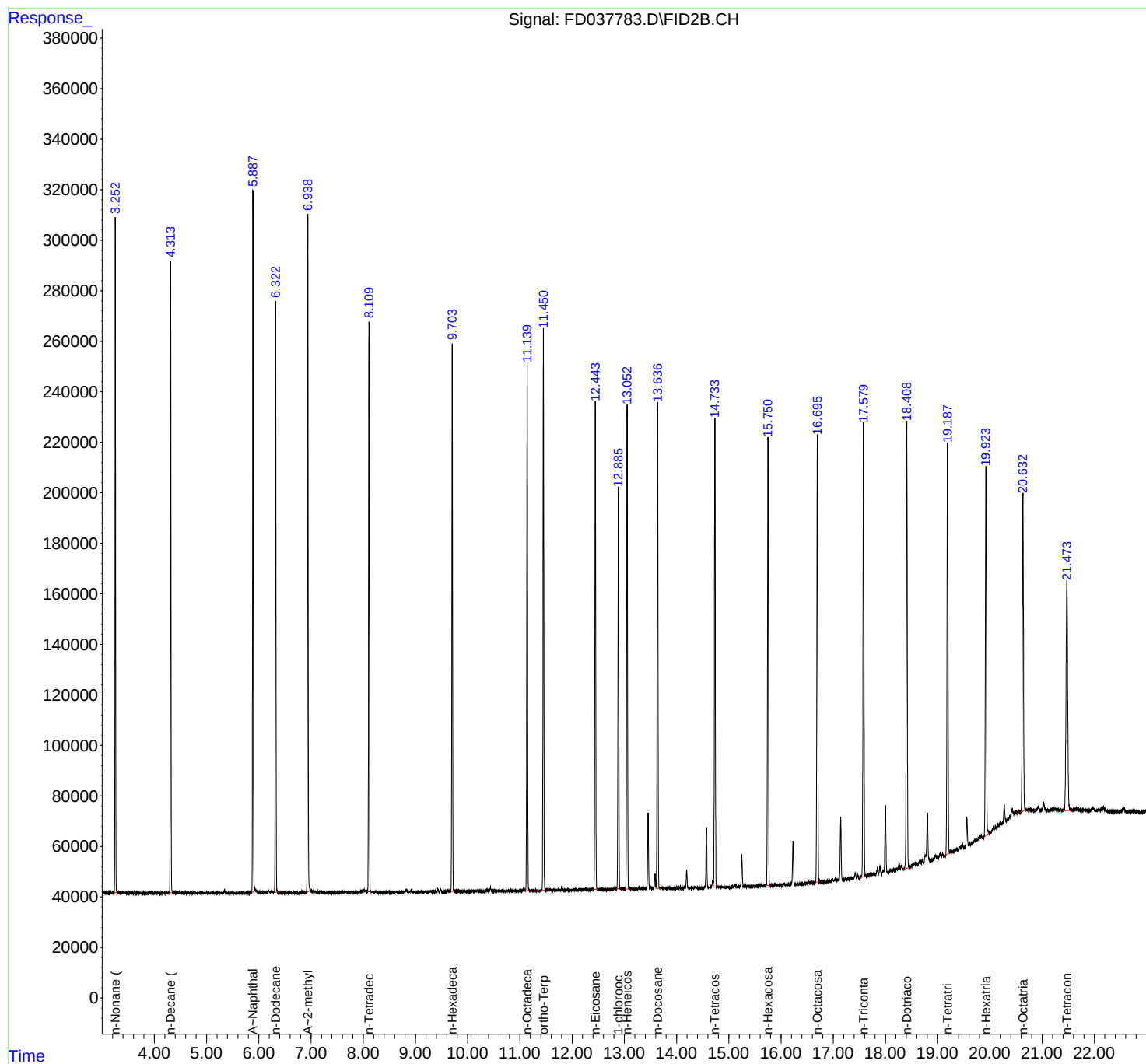
Instrument :
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20 PPM ALIPHATIC HC STD

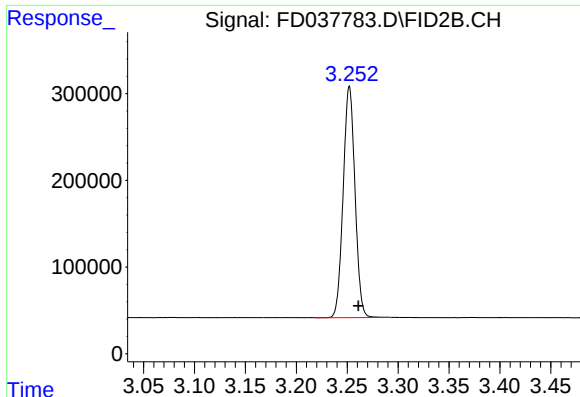
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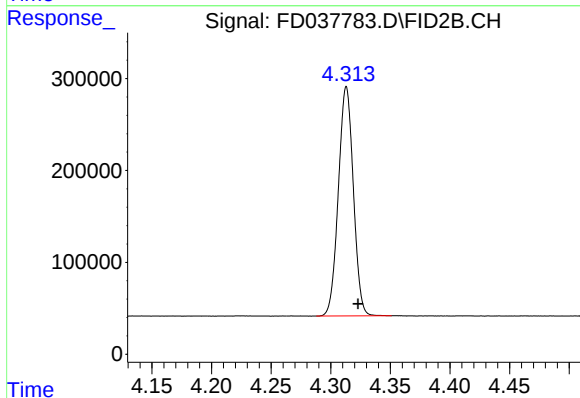
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.009 min
Response: 2155874
Conc: 21.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

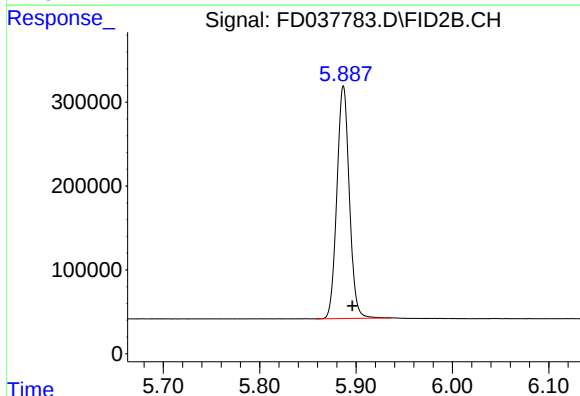
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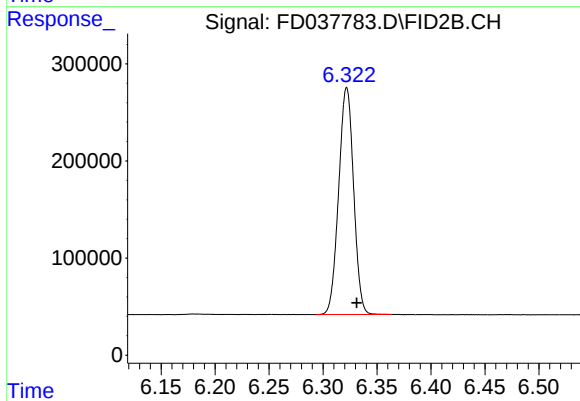
#2 n-Decane (C10)

R.T.: 4.313 min
Delta R.T.: -0.010 min
Response: 2185155
Conc: 21.54 ug/ml



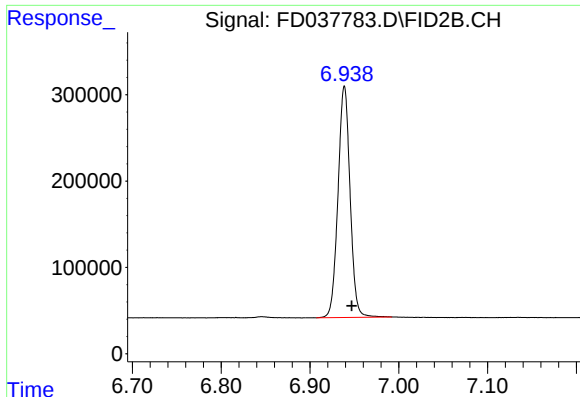
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.009 min
Response: 2493484
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 2251743
Conc: 21.78 ug/ml



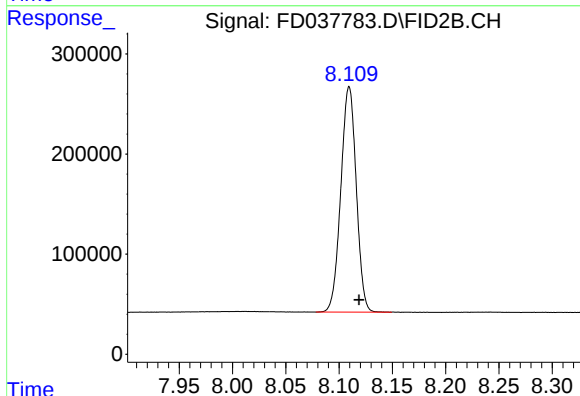
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.008 min
Response: 2531954
Conc: 21.87 ug/ml

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20 PPM ALIPHATIC HC STD

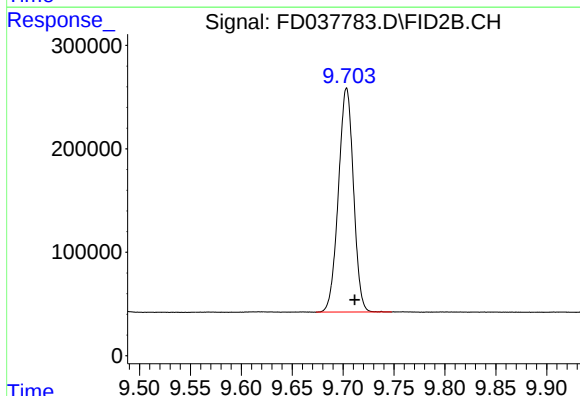
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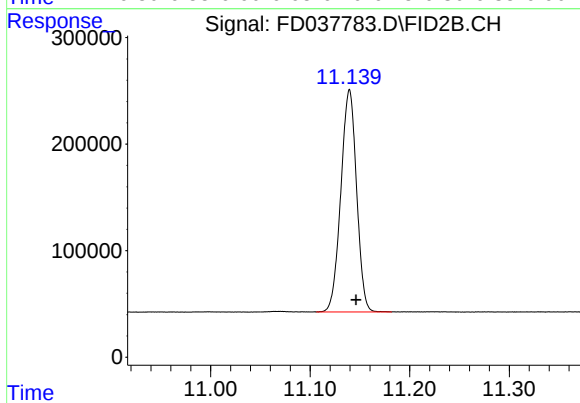
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: -0.009 min
Response: 2270563
Conc: 21.79 ug/ml



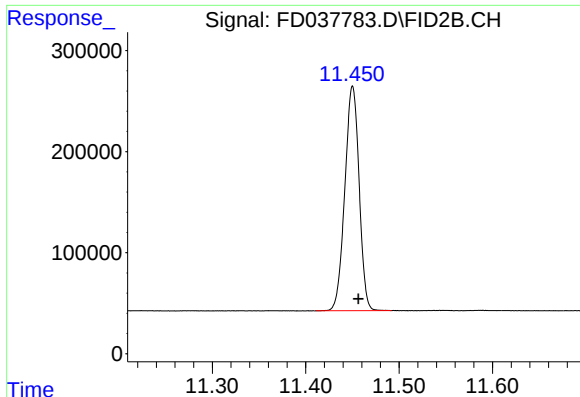
#7 n-Hexadecane (C16)

R.T.: 9.703 min
Delta R.T.: -0.008 min
Response: 2231509
Conc: 21.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.006 min
Response: 2289267
Conc: 21.19 ug/ml



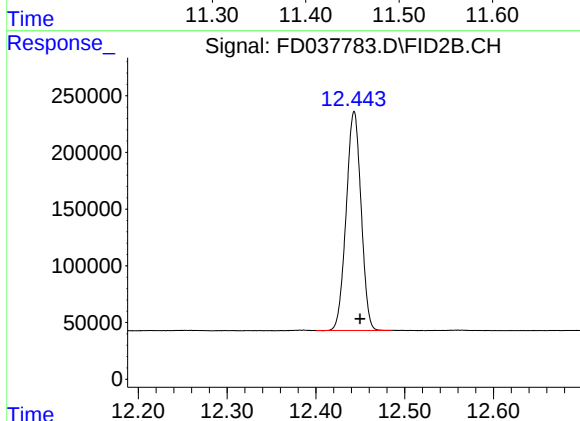
#9 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.006 min
Response: 2362436
Conc: 20.15 ug/ml

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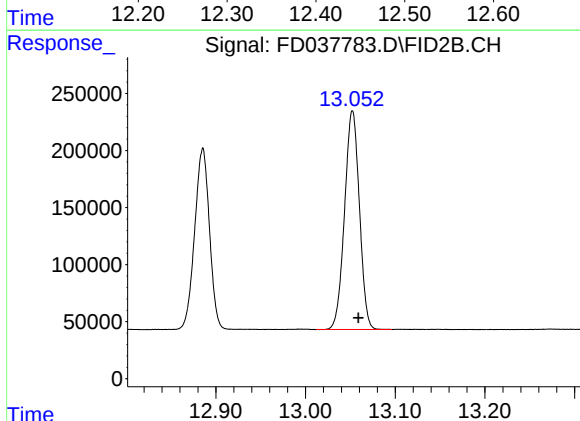
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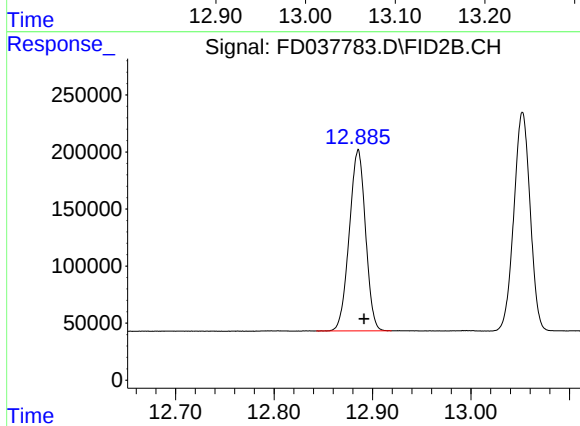
#10 n-Eicosane (C20)

R.T.: 12.443 min
Delta R.T.: -0.007 min
Response: 2253190
Conc: 20.67 ug/ml



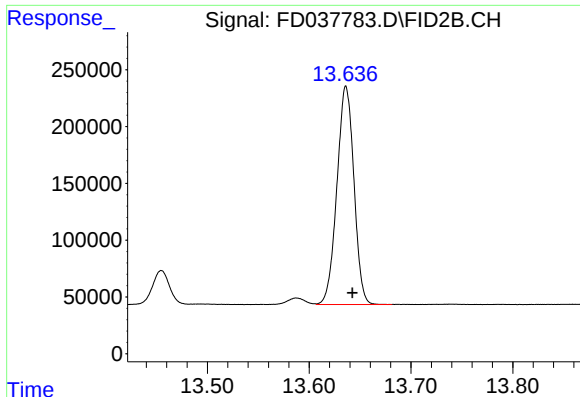
#11 n-Heneicosane (C21)

R.T.: 13.052 min
Delta R.T.: -0.007 min
Response: 2205478
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.885 min
Delta R.T.: -0.006 min
Response: 1817115
Conc: 20.00 ug/ml



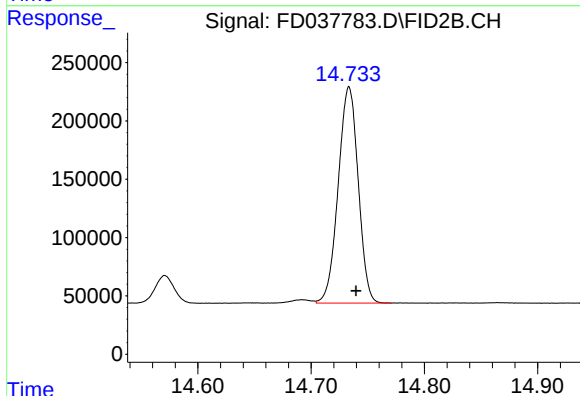
#13 n-Docosane (C22)

R.T.: 13.636 min
Delta R.T.: -0.006 min
Response: 2233833
Conc: 20.56 ug/ml

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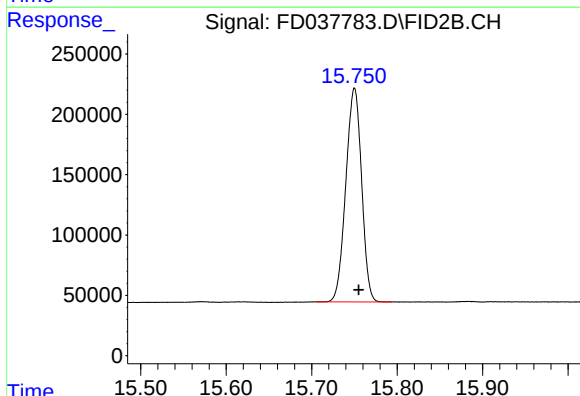
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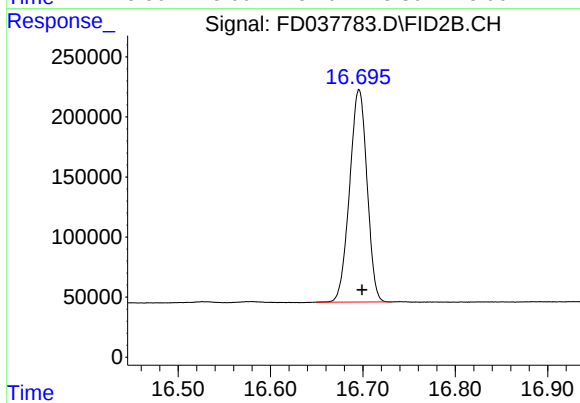
#14 n-Tetracosane (C24)

R.T.: 14.734 min
Delta R.T.: -0.006 min
Response: 2273929
Conc: 20.99 ug/ml



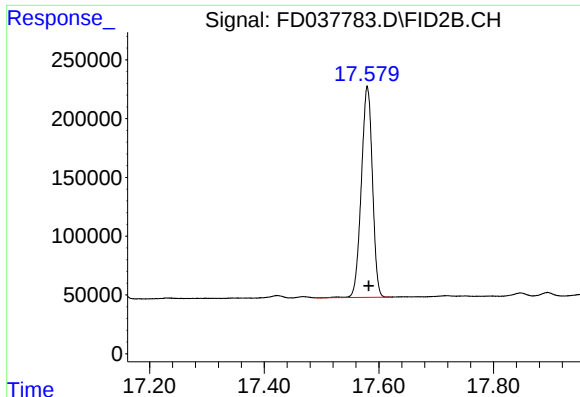
#15 n-Hexacosane (C26)

R.T.: 15.750 min
Delta R.T.: -0.005 min
Response: 2270997
Conc: 21.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.696 min
Delta R.T.: -0.003 min
Response: 2317179
Conc: 21.87 ug/ml



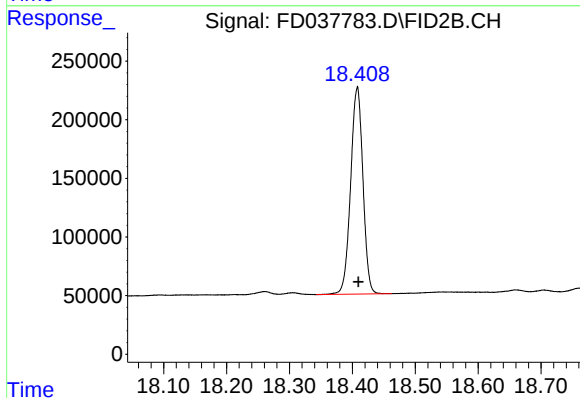
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: -0.002 min
Response: 2408789
Conc: 22.88 ug/ml

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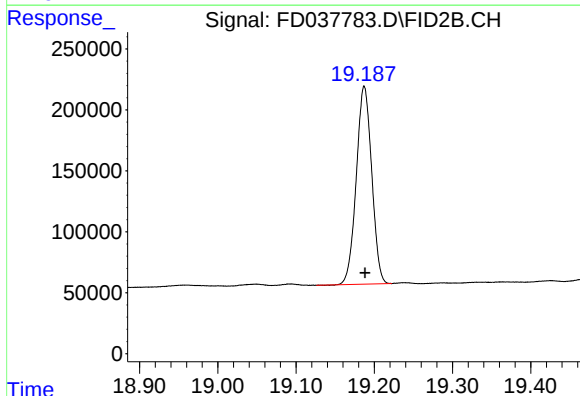
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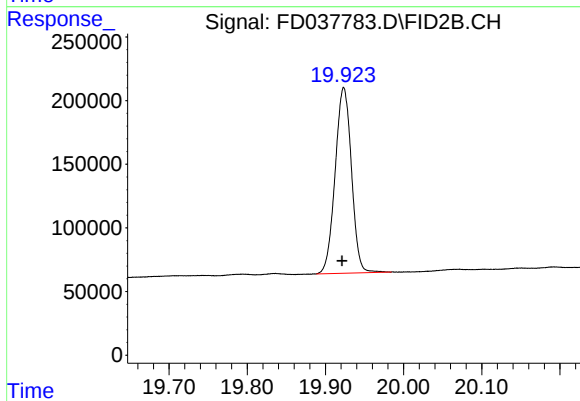
#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: -0.002 min
Response: 2394094
Conc: 22.98 ug/ml



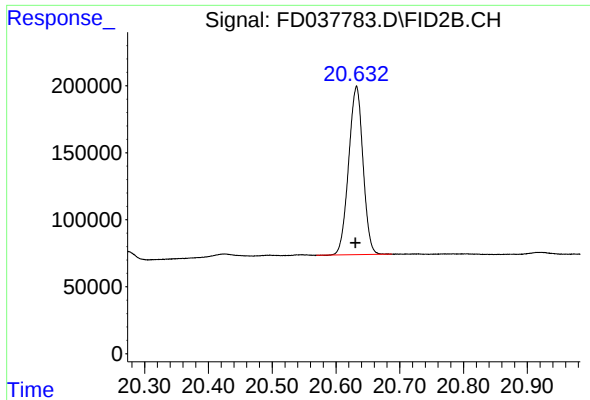
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: 0.000 min
Response: 2224887
Conc: 21.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: 0.001 min
Response: 2119061
Conc: 21.72 ug/ml m



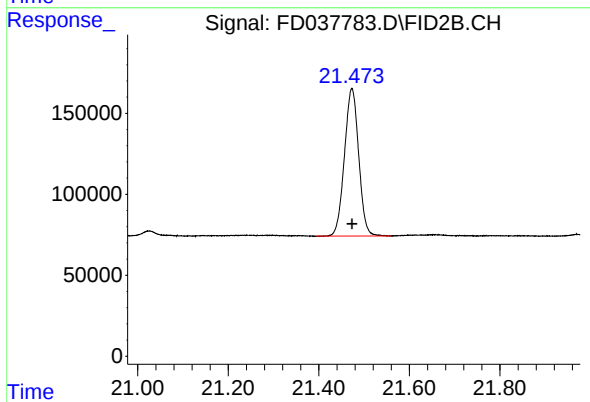
#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: 0.002 min
Response: 1963362
Conc: 21.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.473 min
Delta R.T.: 0.000 min
Response: 1988644
Conc: 20.65 ug/ml